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V2500-A5 SERIES PROPULSION SYSTEM SERVICE BULLETIN

Printed in Great Britain

This document transmits the Initial Issue of Service Bulletin EV2500-79-0088 and the Initial Issue of the Supplement

Bulletin Initial Issue

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Supplement Initial Issue

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LIST OF EFFECTIVE PAGES

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OIL - SCAVENGE OIL TUBES - RE-ROUTE OF NUMBER 4 BEARING SCAVENGE TUBE

1. Planning Information

A. Effectivity

(1) Airbus A319

V2522-A5, V2524-A5, V2527M-A5 Engines prior to Serial No.V11625

(2) Airbus A320

V2527-A5, V2527E-A5 Engines prior to Serial No.V11625

(3) Airbus A321

V2530-A5, V2533-A5 Engines prior to Serial No.V11625

B. Concurrent Requirements

- (1) The following IAE V2500 Service Bulletins must be fitted prior to or concurrently with this Service Bulletin:

ENG-72-0435 and NAC-71-0285 (See 1.N. References).

- (2) The following IAE V2500 Service Bulletin must be fitted concurrently with this Service Bulletin:

NAC-71-0273 (See 1.N. References).

C. Reason

(1) Problem

Oil from the Number 4 bearing compartment can leak into the HPT where it may collect and ignite resulting in damage to the HPT.

The problem is attributed to the route of the No.4 bearing scavenge line, which incorporates a sump located between the bifurcation panel and the external gearbox. At sub idle and windmilling engine speeds there is insufficient pressure from the bearing compartment to blow the oil down the scavenge line. Oil becomes trapped in the lowest section of the scavenge line and inhibits oil scavenge allowing the compartment to flood.

(2) Evidence

The problem has been experienced on engines in service.



(3) Objective

Incorporation of this Service Bulletin (modification) is designed to maintain reliability.

(4) Substantiation

The changes introduced by this Service Bulletin have been the subject of extensive engineering analysis and successful development engine testing.

(5) Effect of Bulletin on:

(a) Operation

Not affected.

(b) Maintenance

Affected (See 1.0. Other Publications Affected).

(c) Overhaul

Affected (See 1.0. Other Publications Affected).

(d) Repair Schemes

Not affected.

(e) Interchangeability

Not affected.

(f) Fits and Clearances

Not affected.

D. Description

- (1) This Service Bulletin introduces a revised route for the Number 4 bearing scavenge line from the diffuser case to the scavenge valve on the external gearbox. This revised route removes the sump section and maintains a downhill gradient along the entire length.

The revised run incorporates a section of increased diameter to ensure sufficient flow at minimum gradient. In order to maintain the downhill run, numerous other tube assemblies have been re-routed around the revised scavenge line. It has also been necessary to revise the configuration of tubes through the bifurcation panel.



For Mod Part 1 the changes introduced are:

(a) The following tube assemblies are revised:

- (i) Air - Bif Panel to Discon
- (ii) Fuel - ACOC AMV Discon to Discon
- (iii) Air - Bif Panel to Discon
- (iv) Air - Discon to Discon
- (v) Air - HP7 Solenoid Discon to Bif Panel.
- (vi) Air - HP10 Solenoid Discon to Discon
- (vii) Air - HP7 Solenoid Discon to Bif Panel
- (viii) Air - HP7 Solenoid Discon to Discon
- (ix) Air - HP7 Solenoid Discon to Bif Panel
- (x) Air - HP7 Solenoid Discon to Discon
- (xi) Air - Bif Panel to Solenoid Discon
- (xii) Air - HP7 Solenoid Discon to Bif Panel
- (xiii) Air - HP7 Solenoid Discon to Discon
- (xiv) Fuel - ACOC AMV to Discon Tee
- (xv) Oil - No.4 Brg Discon to Scav Valve
- (xvi) Oil - No.4 Brg Discon to Discon
- (xvii) Oil - No.5 Brg Bif Panel to Scav Discon
- (xviii) Oil - No.4 Brg Scav 'T' to Press Trans
- (xix) Air - P2.5 to EEC Bif panel to Discon
- (xx) Air - P2.5 Discon to Discon
- (xxi) Air - P4.9 to EEC Bif Panel to Discon
- (xxii) Air - P4.9 to EEC Discon to Discon
- (xxiii) Air - Pb to EEC Bif Panel to Discon
- (xxiv) Air - Pb to EEC Discon to Discon



- (xxv) Oil – No.4 Brg Scav Dif Case to Bif Panel
- (xxvi) Oil – No.5 Brg Scav Discon to Bif Panel
- (xxvii) Oil – No.4 Brg 4 Way Adapter to Discon
- (xxviii) Air – Bif Panel to Stg.7 B/Valve
- (xxix) Air – Bif Panel to Stg.7 B/Valve
- (xxx) Air – Bif Panel to Stg.10 B.Valve
- (xxxi) Air – HP Air to B.Valve Solenoid (Tee to Bif Panel)
- (xxxii) Air – P4.9 Discon to Bif Panel
- (xxxiii) Air – Pb Discon to Bif Panel
- (xxxiv) Drain – VSVA to Discon
- (xxxv) Drain – ACCV to Bif Panel
- (xxxvi) Drain – Bif Panel to Discon
- (xxxvii) Oil – Discon to Discon

(b) The following tube assemblies are deleted:

- (i) Air – Discon to Stage 7 Bleed Valve.
- (ii) Air – HPC Stg.7 Bleed Control Valve Discon to Discon.
- (iii) Air – HPC Stg.10 Bleed Control Valve Discon to Discon.
- (iv) Air – No.4 Brg Scav Valve.
- (v) Air – Stg.10 B.V. Override Discon to Discon.
- (vi) Air – HPC Bleed Solenoid Valve Discon to Discon.
- (vii) Fuel – Servo Return Discon to 'Tee' Piece

(c) One Fan Case Raceway is revised into two separate raceways.

(d) An additional Fan Case raceway is introduced.

(e) A revised Core raceway is introduced.



(f) The following clip points are deleted:

CP0248, CP0250, CP0251, CP0254, CP0535, CP0536, CP0537, CP0538,
CP0540, CP0541, CP0544, CP0545, CP0560, CP0561, CP0562, CP0563, CP0564,
CP0565, CP0566, CP0568, CP0569, CP0570, CP0572, CP0573, CP0574, CP0576,
CP0577, CP0578, CP0841, CP1036, CP1037, CP1040, CP1048, CP1064,
CP1078, CP1079, CP1080, CP1086, CP1089, CP1090, CP1118, CP1141,
CP1168, CP1170, CP1171, CP1172, CP1173, CP1174, CP1397, CP1398,
CP1399, CP5222, CP5223, CP5678, CP5723, CP5835, CP5937, CP5942,
CP6068, CP6077, CP6080, CP6089, CP6090, CP6091, CP6092, CP6093,
CP6102, CP6103.

(g) The following clip points are revised:

CP0556, CP0558, CP0953, CP5224, CP5595, CP5641, CP5643, CP5647,
CP5648, CP5659, CP5660, CP5664, CP5667, CP5668, CP5675, CP5679,
CP5713, CP5714, CP5766, CP6073, CP6074, CP6075, CP6076, CP6078,
CP6079, CP6081, CP6082, CP6083, CP6084, CP6085, CP6086, CP6087,
CP6088, CP6094, CP6095, CP6096, CP6097, CP6098, CP6100.

(h) The following clip points are introduced:

CP1406, CP1407, CP1408, CP1409, CP1411, CP1412, CP1413, CP1414,
CP1415, CP1416, CP1417, CP1418, CP1419, CP1420, CP1421, CP1422,
CP1423, CP1424, CP1425, CP1426, CP1427, CP1428, CP1429, CP1430,
CP1431, CP1432, CP1433, CP1434, CP1435, CP1436, CP1437, CP1438,
CP1439, CP1440, CP1441, CP1442, CP1443, CP1444, CP1447, CP1448,
CP1449, CP1450, CP1451, CP1452, CP1453, CP1456, CP1457, CP1458,
CP1459, CP1460, CP1461, CP1462, CP1463, CP1464, CP1465, CP6109,
CP6110, CP6111, CP6113, CP6114, CP6116, CP6118, CP6119, CP6120,
CP6121, CP6122, CP6123, CP6124, CP6126.

(i) The content of the following clip points is unaffected, however tubes and/or harnesses which are supported by these clip points have been revised, therefore no material information changes have been recorded:

CP0255, CP0529, CP0533, CP0534, CP0554, CP0555, CP0557, CP0584,
CP0585, CP0586, CP0587, CP0588, CP0589, CP0838, CP0839, CP1035,
CP5225, CP5397, CP5450, CP5676, CP5691, CP5692, CP5694, CP5772,
CP6072, CP6104, CP6107.

(j) A revised Number 4 bearing scavenge line elbow is introduced similar to the existing item except for the exit geometry which is changed to suit the revised scavenge line.

(k) A revised Number 4 bearing scavenge elbow gasket is introduced similar to the existing item except for:

(i) The material is revised.

(ii) An alignment pin is introduced to prevent misassembly.



- (l) A revised EEC Core Harness is introduced similar to the existing item except for an increase in length between the breakout for connector 4022KS-B and the breakout for connectors 4008VC and 4009VC. The increase in length is to accommodate the revised tube positions.
- (m) The Fire Detection Harness is re-routed.
- (n) The General Service Harness is re-clipped to new hardware.
- (o) Revised Lightning strike protection shields are introduced to the EEC Fan Case harness at the lower position, which are identical to those currently used at the upper position.
- (p) An additional raceway support bracket is introduced which is attached to the bifurcation panel with existing bolts. The two washers, which were previously beneath the attaching bolt heads, are deleted.
- (q) An additional clipping support bracket is introduced to the back of the ACOC/Air Modulating Valve flange which is attached using existing bolts. The two washers which were previously beneath the attaching bolt heads are deleted, reducing the quantity of washers around the flange from 43 to 41.
- (r) A revised clipping support bracket is introduced to the Deoiler/Gearbox bolting flange. A washer is also deleted from this flange as the revised bracket uses three studs for attachment instead of 2.
- (s) A revised tube bank support bracket is introduced similar to the existing item except for the following:
 - (i) The hole positions in the bracket are revised to suit the new tube layout.
 - (ii) The material is revised from 2,50 mm. Titanium (TAK) to 3,00 mm. Titanium (TBF).
 - (iii) A stiffening web has been introduced.
 - (iv) The bracket was previously attached to the rear face of the fan case flange and is now attached to the front of the flange.
- (t) A new combined Fire Detector/Overheat Detector is introduced.
- (u) A revised bifurcation panel assembly is introduced similar to the existing item, except for the following:
 - (i) The Number 4 bearing scavenge tube position has been moved as far forward as possible.



- (ii) Two Bleed valve solenoid tubes have been moved from the front of the panel to the rear.
 - (iii) The Number 4 bearing compartment cooling and sealing tube and the Number 5 bearing scavenge tube have been moved rearwards.
 - (iv) The panel is now manufactured from a single piece with two corner pieces and the curved end piece welded into position.
 - (v) The panel has been increased in width at the Fancase splitter fairing.
 - (vi) The gusset webs, stiffener plates and seal block retainers are deleted.
 - (vii) The rivet holes are replaced by engagement slots.
 - (viii) A revised standard of fire seal is introduced, similar to the existing item except for being produced from a different construction (silicone rubber, glass fabric and ceramic fabric).
 - (ix) The fire seals are now three separate items, 'U' shape, Port (left handed) and Starboard (right handed) and are then joined together using a spigot joint.
 - (x) The existing seal blocks are deleted and replaced by the seal, which incorporates a foam plug.
 - (xi) The method of attaching the seals to the panel is revised from riveting the seal and seal strips onto the panel to a 'spring clip', which incorporates a series of 'tangs' which lock into the engagement slots in the panel.
 - (xii) As a consequence of (iv) and (xi) above, all rivets within the existing assembly are deleted.
- (2) For Mod Part 2 the changes introduced are as those for Mod Part 1 but with the following exceptions:
- (a) The following tube assemblies are revised in addition to those listed in (1)(a):
 - (i) Air – Solenoid Bif Panel to Discon
 - (ii) Air – Solenoid Discon to Discon
 - (iii) Air – Pb Discon to Bif Panel.



(b) The following clip points are deleted:

CP0248, CP0250, CP0251, CP0254, CP0535, CP0536, CP0537, CP0538,
CP0540, CP0541, CP0544, CP0545, CP0560, CP0561, CP0562, CP0563, CP0564,
CP0565, CP0566, CP0568, CP0569, CP0570, CP0572, CP0573, CP0574, CP0576,
CP0577, CP0578, CP0602, CP0758, CP0841, CP1036, CP1037, CP1040,
CP1048, CP1064, CP1078, CP1079, CP1080, CP1086, CP1089, CP1090,
CP1118, CP1141, CP1168, CP1170, CP1171, CP1172, CP1173, CP1174,
CP1397, CP1398, CP1399, CP5222, CP5223, CP5678, CP5723, CP5835,
CP5937, CP5942, CP6068, CP6077, CP6080, CP6089, CP6090, CP6091,
CP6092, CP6093, CP6102, CP6103.

(c) The following clip points are revised:

CP0556, CP0558, CP0581, CP0582, CP0583, CP0953, CP5224, CP5595,
CP5641, CP5643, CP5647, CP5648, CP5659, CP5660, CP5664, CP5667,
CP5668, CP5675, CP5679, CP5713, CP5714, CP5763, CP5764, CP5765,
CP5766, CP6073, CP6074, CP6075, CP6076, CP6078, CP6079, CP6081,
CP6082, CP6083, CP6084, CP6085, CP6086, CP6087, CP6088, CP6094,
CP6095, CP6096, CP6097, CP6098, CP6100.

(d) The following clip points are introduced:

CP1406, CP1407, CP1408, CP1409, CP1411, CP1412, CP1413, CP1414,
CP1415, CP1416, CP1417, CP1418, CP1419, CP1420, CP1421, CP1422,
CP1423, CP1424, CP1425, CP1426, CP1427, CP1428, CP1429, CP1430,
CP1431, CP1432, CP1433, CP1434, CP1435, CP1436, CP1437, CP1438,
CP1439, CP1440, CP1441, CP1442, CP1443, CP1444, CP1445, CP1446,
CP1447, CP1448, CP1449, CP1450, CP1451, CP1452, CP1453, CP1456,
CP1457, CP1458, CP1459, CP1460, CP1461, CP1462, CP1463, CP1464,
CP1465, CP6099, CP6109, CP6110, CP6111, CP6113, CP6114, CP6116,
CP6118, CP6119, CP6120, CP6121, CP6122, CP6123, CP6124, CP6126.

(e) The content of the following clip points is unaffected, however tubes and/or harnesses which are supported by these clip points have been revised, therefore no material information changes have been recorded:

CP0255, CP0529, CP0533, CP0534, CP0554, CP0555, CP0557, CP0584,
CP0585, CP0586, CP0587, CP0588, CP0589, CP0838, CP0839, CP1035,
CP5225, CP5397, CP5450, CP5676, CP5691, CP5692, CP5694, CP5772,
CP6072, CP6104, CP6107.

(3) For Mod Part 3 the changes introduced are as those for Mod Part 1 but with the following exceptions:

(a) The following tube assemblies are revised in addition to those listed in (1)(a):

(i) Air - Solenoid Bif Panel to Discon

(ii) Air - Solenoid Discon to Discon



- (iii) Fuel - FMU to Dist Valve - Bif Panel to Dist Valve
- (iv) Air - HP Valve Vent 'T' (EBU) to Bif Panel
- (v) Fuel - Bif Panel to Discon (4 Way Adaptor)
- (vi) Fuel - Bif Panel to Discon (4 Way Adaptor)
- (vii) Oil - Bif Panel to Discon (4 Way Adaptor)
- (viii) Oil - Discon (4 Way Adaptor) to 1, 2 and 3 Brgs
- (ix) Oil - Discon (4 Way Adaptor) to No.5 Brg
- (x) Air - Bleed Valve Solenoid Bif Panel to Discon
- (xi) Air - P2.5 to EEC - Discon to Bif Panel
- (xii) Air - Bif Panel to Discon
- (xiii) Air - Discon to Bif Panel (No.4 Brg Scav Valve Servo)
- (xiv) Air - Pb Discon to Bif Panel.
- (xv) Drain - BA Slave to Discon

(b) The following clip points are deleted:

CP0248, CP0250, CP0251, CP0254, CP0535, CP0536, CP0537, CP0538,
CP0540, CP0541, CP0544, CP0545, CP0560, CP0561, CP0562, CP0563,
CP0564, CP0565, CP0566, CP0568, CP0569, CP0570, CP0572, CP0573,
CP0574, CP0576, CP0577, CP0578, CP0602, CP0758, CP0841, CP0928,
CP1036, CP1037, CP1040, CP1048, CP1064, CP1078, CP1079, CP1080,
CP1086, CP1089, CP1090, CP1118, CP1141, CP1168, CP1170, CP1171,
CP1172, CP1173, CP1174, CP5221, CP5222, CP5223, CP5640, CP5642,
CP5650, CP5653, CP5654, CP5658, CP5665, CP5666, CP5671, CP5678,
CP5693, CP5696, CP5700, CP5712, CP5723, CP5767, CP5779, CP5780,
CP5781, CP5782, CP5783, CP5830, CP5833, CP5834, CP5835, CP5937,
CP5942, CP6068, CP6081.

(c) The following clip points are revised:

CP0556, CP0558, CP0581, CP0582, CP0583, CP0953, CP5224, CP5553,
CP5595, CP5641, CP5643, CP5647, CP5648, CP5659, CP5660, CP5664,
CP5667, CP5668, CP5670, CP5675, CP5676, CP5679, CP5711, CP5713,
CP5714, CP5763, CP5764, CP5765, CP5766, CP5831, CP5832.



(d) The following clip points are introduced:

CP1406, CP1407, CP1408, CP1409, CP1411, CP1412, CP1413, CP1414,
CP1415, CP1416, CP1417, CP1418, CP1419, CP1420, CP1421, CP1422,
CP1423, CP1424, CP1425, CP1426, CP1427, CP1428, CP1429, CP1430,
CP1431, CP1432, CP1433, CP1434, CP1435, CP1436, CP1437, CP1438,
CP1439, CP1440, CP1441, CP1442, CP1443, CP1444, CP1445, CP1446,
CP1447, CP1448, CP1449, CP1450, CP1451, CP1452, CP1453, CP1456,
CP1457, CP1458, CP1459, CP1460, CP1461, CP1462, CP1463, CP1464,
CP1465, CP6072, CP6073, CP6074, CP6075, CP6076, CP6078, CP6079,
CP6081, CP6082, CP6083, CP6084, CP6085, CP6086, CP6087, CP6088,
CP6094, CP6095, CP6096, CP6097, CP6098, CP6099, CP6100, CP6101,
CP6104, CP6109, CP6110, CP6111, CP6113, CP6114, CP6116, CP6118,
CP6119, CP6120, CP6121, CP6122, CP6123, CP6124, CP6126.

(e) The content of the following clip points is unaffected, however tubes and/or harnesses which are supported by these clip points have been revised, therefore no material information changes have been recorded:

CP0255, CP0529, CP0533, CP0534, CP0554, CP0555, CP0557, CP0584,
CP0585, CP0586, CP0587, CP0588, CP0589, CP0838, CP0839, CP1035,
CP5225, CP5397, CP5450, CP5691, CP5692, CP5694, CP5772.

(f) Four clipping support brackets are revised.

(g) An additional clipping support bracket is introduced.

(h) Two clipping support brackets are deleted.

(i) A Cabin Air Bracket is introduced.

(4) This Service Bulletin is in three parts as follows:

Part 1

Covers engines incorporating Service Bulletins ENG-72-0189 and ENG-75-0081 (See 1.N. References).

Part 2

Covers engines incorporating Service Bulletin ENG-72-0189 but not incorporating Service Bulletin ENG-75-0081 (See 1.N. References).



Part 3

Covers engines not incorporating Service Bulletins ENG-72-0189 or ENG-75-0081 (See 1.N. References)

NOTE: New production engines fully embodying this Service Bulletin will not be annotated with a Mod Part and can be considered equivalent to Part 1.

NOTE: For clarification purposes, the Material Information (Section 2) includes a full and complete list of parts required for the accomplishment of each Mod Part listed above.

NOTE: Minor changes may have been introduced to in-service engines between the three major milestones covered by the three Mod Parts of this Service Bulletin. Therefore in some cases the replaced part number in the Material Information (Section 2) of this bulletin may not be accurate. However, at these locations the new part must still be fitted, regardless of the replaced part number.

E. Compliance

Category Code 4

Accomplish at the first visit of an engine or module to a maintenance base capable of compliance with the accomplishment instructions regardless of the planned maintenance action or reason for engine removal.

F. Approval

The Part No. changes and/or part modifications described in Section 2 and 3 of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-Approved for the engine model listed.

G. Manpower

(1) In service

Not Applicable.

(2) At overhaul

Not affected.

NOTE: The parts affected by this Service Bulletin are accessible at overhaul.

**H. Material Price and Availability**

- (1) Modification kits MKVA579008801, MKVA579008802, MKVA579008803, MKVA579008804, MKVA579008805, MKVA579008806, V25579088-551, V25579088-553, 2A3892 are required (see TABLE below for engine serial number applicability). For modification kit prices refer to the Supplement to this bulletin.

Engine Serial Number Applicability				
SB ENG-79-0088	Part 1	Part 2	Part 3	
Mod Kit No.	V10590 to V11624	V10059 to V10949	V10001 to V10058	
MKVA579008801	X	X	X	
MKVA579008802	X	X	X	
MKVA579008803	X			
MKVA579008804		X	X	
MKVA579008805			X	
MKVA579008806			X	
V255790088-551	X	X	X	
V255790088-553			X	
2A3892	X	X	X	
5A9345*	X	X	X	

* Non Self Supply Item (qty 2).

- (2) Modification kit contents:

Modification kit MKVA579008801

ATA	Fig/Item No.	Part No.	Description	Qty
73-22-49	02-100	6A6201	Tube	1
73-11-49	22-500	6A6204	Tube	1
73-22-49	02-500	6A6209	Tube	1
73-22-49	03-100	6A6210	Tube	1
73-22-49	06-100	6A6211	Tube	1
73-22-49	06-500	6A6212	Tube	1
73-22-49	10-100	6A6213	Tube	1
73-22-49	10-500	6A6214	Tube	1
36-11-47	01-500	6A6224	Tube	1
36-11-47	02-500	6A6225	Tube	1
75-22-49	06-100	6A6228	Tube	1
71-52-50	05-100	6A6230	Tube	1
71-51-50	01-700	6A6231	Tube	1
73-11-49	24-100	6A6232	Tube	1
71-51-50	01-500	6A6233	Tube	1
71-51-50	01-100	6A6237	Tube	1



Modification kit MKVA579008802

ATA	Fig/Item No.	Part No.	Description	Qty
79-22-49	03-100	6A6195	Tube	1
79-22-49	01-500	6A6196	Tube	1
75-32-49	15-100	6A6197	Tube	1
75-32-49	13-100	6A6198	Tube	1
75-32-49	14-100	6A6199	Tube	1
75-32-49	01-100	6A6200	Tube	1
75-32-49	13-100	6A6202	Tube	1
79-22-49	04-500	6A6205	Tube	1
79-22-49	04-100	6A6206	Tube	1
79-22-49	05-100	6A6207	Tube	1
79-22-49	02-100	6A6208	Tube	1
75-32-49	01-500	6A6215	Tube	1
75-32-49	11-500	6A6216	Tube	1
75-32-49	12-100	6A6217	Tube	1
75-32-49	10-100	6A6218	Tube	1
75-32-49	10-500	6A6219	Tube	1
75-32-49	08-100	6A6220	Tube	1
75-32-49	08-500	6A6221	Tube	1
75-32-49	04-100	6A6222	Tube	1
75-32-49	04-500	6A6223	Tube	1

Modification kit MKVA579008803

ATA	Fig/Item No.	Part No.	Description	Qty
73-22-49	05-500	6A6236	Tube	1
72-38-25	01-300	6A7930	Bif Panel	1
72-38-25	01-270	6A8165	Bracket	1
72-60-10	01-457	6A8166	Bracket	1
71-52-43	01-005	6A8172	Harness	1
79-21-51	01-090	6A8173	Bracket	1
73-11-49	22-470	6A8234	Bracket	1

Modification kit MKVA579008804

ATA	Fig/Item No.	Part No.	Description	Qty
75-23-48	02-500	6A6226	Tube	1
75-23-48	02-100	6A6227	Tube	1
73-22-49	05-500	6A6235	Tube	1
72-38-25	01-300	6A7930	Bif Panel	1
72-38-25	01-270	6A8165	Bracket	1
72-60-10	01-457	6A8166	Bracket	1
71-52-43	01-005	6A8171	Harness	1
79-21-51	01-090	6A8173	Bracket	1
73-11-49	22-470	6A8234	Bracket	1



Modification kit MKVA579008805

ATA	Fig/Item No.	Part No.	Description	Qty
73-11-49	09-100	6A5390	Tube	1
36-11-47	01-100	6A5391	Tube	1
73-11-49	11-100	6A5392	Tube	1
75-32-49	10-100	6A5394	Tube	1
75-32-49	11-100	6A5395	Tube	1
75-32-49	12-100	6A5397	Tube	1
75-23-48	03-100	6A6006	Tube	1
73-22-49	09-500	6A6007	Tube	1
75-32-49	16-100	6A6009	Tube	1
75-22-49	05-500	6A6010	Tube	1

Modification kit MKVA579008806

ATA	Fig/Item No.	Part No.	Description	Qty
72-41-00	03-575	6A5748	Bracket	1
72-41-00	03-320	6A5749	Bracket	1
75-00-49	01-090	6A5750	Bracket	1
75-00-49	01-680	6A5758	Bracket	1
72-41-34	01-720	6A5825	Bracket	1

Modification kit V255790088-551

ATA	Fig/Item No.	Part No.	Description	Qty
71-71-48	03-400	740-5688-513	Tube Assy	1
			Drain	
71-71-49	01-500	740-5277-509	Tube Assy	1
			Drain	
71-71-49	02-500	740-5278-511	Tube Assy	1
			Drain	
75-22-49	10-062	740-5290-501	Bracket	1
79-22-49	12-100	740-5793-513	Tube Assy Oil	1
			Pressure	

Modification kit V255790088-553

ATA	Fig/Item No.	Part No.	Description	Qty
75-00-49	01-242	745-5069-501	Bracket	1
71-71-49	02-100	745-5279-503	Tube Assy	1



Modification kit 2A3892

ATA	Fig/Item No.	Part No.	Description	Qty
72-42-20	02-220	2A3817	Lock	1
72-42-20	02-300	2A3816	Gasket	1
72-42-20	02-340	2A3818	Elbow	1

(3) Non Self Supply Parts:

The following non self supply items are required and must be ordered independently:

ATA	Fig/Item No.	Part No.	Description	Qty
71-51-41	01-514	5A9345	Split Sleeve	2

(4) Mod kit/Parts Ordering:

Operators with units listed in Section 1.A. of this Service Bulletin should submit a Charge purchase order for the applicable quantity of kits. The Charge purchase order must specify this Service Bulletin number.

Direct request to:

IAE Spares Division

400 Main Street

M/S 121-10

East Hartford CT06108

USA

Fax: 860-565-4121

(5) Self Supply Parts:

Remaining parts that are not identified within the Modification Kit contents are to be self supplied.

I. Tooling Price and Availability

Special tools required are listed in 3. Accomplishment Instructions.



J. Industry Support Information

Not applicable.

K. Weight and Balance

(1) Weight Change

Plus 2.2 lbs (+1,00 Kg)

(2) Moment Arm

8.2in. (207 mm.) rearwards of datum

(3) Datum

Engine Front Mount Centreline (Power Plant Station PPS 100).

L. Electrical Load Data

The aircraft electrical load is not affected by this bulletin.

M. Software Accomplishment Summary

Not applicable.

N. References

(1) IAE V2500 Service Bulletins:

NAC-71-0273

NACELLE – ENGINE BUILD UNIT (EBU) – REPLACEMENT AND REROUTING OF SEVERAL EBU SYSTEMS TO ACCOMMODATE THE REROUTING OF THE OIL SCAVENGE TUBES.

NAC-71-0285

NACELLE – RIGHT HAND FAN COWL DOOR – HOLD OPEN ROD – RE-ORIENTATION OF THE HOLD OPEN ROD AND INSTALLATION OF A NEW ROD STOWAGE BRACKET.

ENG-72-0189

ENGINE – CORE ENGINE TUBES – TUBE ASSEMBLIES COUPLED TO BIFURCATION PANEL, RE-RUN TO CLEAR COWL DOOR HOLD OPEN RODS.

ENG-72-0435

ENGINE – LP COMPRESSOR – INTRODUCTION OF FAN CASE, PANEL AND BRACKET SCALLOPED FOR NO.4 SCAVENGE TUBE REROUTE.

ENG-75-0081



AIR - STAGE 10 TO HPT AIR VALVE - DELETION OF THE HPC STAGE 10 MAKE-UP AIR VALVE AND ASSOCIATED HARDWARE.

- (2) Engine Manual (EM), Chapter/Section 72-00-32, 72-00-40, 72-00-50, 72-00-60, Removal/Installation.
- (3) Aircraft Maintenance Manual (AMM), Chapter/Section 71-51-42, 73-13-43, 79-21-49, 79-33-16, Removal/Installation.
- (4) Airbus aircraft modification No. 33112.
- (5) Airbus Service Bulletin A320-79-1002.
- (6) Engineering Change Numbers - 01VA009I, 03VN754, 03VN764, 01VR013, 03VR004, 03VR014, 03VR015.
- (7) ATA Locator - 79-00-00.

0. Other Publications Affected

- (1) V2500 (A5) Illustrated Parts Catalogue (IPC) will be revised. See 2. Material Information for ATA Locations.
- (2) V2500 (A5) Engine Manual (EM), Chapter/Section 72-00-32, 72-00-40, 72-00-50, 72-00-60, Removal/Installation.
- (3) V2500 Component Maintenance Manual, Cleaning, Inspection and Repair will be revised. See 2. Material Information for ATA Locations.
- (4) V2500 (A5) Aircraft Maintenance Manual (AMM), Chapter/Section 71-51-42, 73-13-43, 79-21-49, 79-33-16, Removal/Installation.

P. Interchangeability of Parts

It is essential that parts introduced by this modification are fitted as a modification set.

A modification set may consist of modification parts 1, 2 or 3.

Refer to 1.H. for engine applicability table.

**2. Material Information****A. The kit required consists of the following parts:**

All Engines

Part 1 of Service Bulletin

00-00-00

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	INSTR DISP
10080	MKVA579008801	Ref	.Modkit	(E)
10085	MKVA579008802	Ref	.Modkit	(F)
10090	MKVA579008803	Ref	.Modkit	(G)
30040	V255790088-551	Ref	.Mod Kit Reroute Ebu	(H)
40010	2A3892	Ref	.Parts Kit	(N)

36-11-47

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01149	4W0102	1	.Bolt (See Appendix 5) (.190 dia x.438)(CP6094)	-	-	(A)
01150	K8831	1	.Washer (.190 dia)(CP6094)	-	-	(A)
01156	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP6094)	-	-	(A)
01500	6A6224	1	.Tube A/O Air-Bif Panel to Discon	-	6A2139	(C)(B) (S2)(E)
01528	AS62404	1	.Clip (6,35mm (.250))(CP1418)	-	-	(A)
01536	AS62404	1	.Clip (6,35mm (.250))(CP1431)	-	-	(A)
01614	UP11152	1	..Bracket Inter Tube Support	-	LK39602	(C)(B) (S2)(P)
02500	6A6225	1	.Tube A/O Air-Discon to Discon	-	6A2138	(C)(B) (S2)(E)
02560	AS62404	1	.Clip (6,35mm (.250))(CP1409)	-	-	(A)
02568	AS62404	1	.Clip (6,35mm (.250))(CP1432)	-	-	(A)
02600	AS15777	1	..Wire Thrust	-	AS15777	(2D)(P)
02601	AS15701	1	..Nut Tube Coupling	-	AS15701	(2D)(P)
02602	AS15768	1	..Ferrule Assy	-	AS15768	(2D)(P)
02640	AS15777	1	..Wire Thrust	-	-	(A)(P)
02641	AS15701	1	..Nut Tube Coupling	-	-	(A)(P)
02642	AS15768	1	..Ferrule Assy	-	-	(A)(P)



71-51-41

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01514	5A9345	2	.Split Sleeve	-	5A9342	(C)(1D) (S2)
02787	4W0104	1	.Bolt (See Appendix 5) (.190 dia x .562) (CP1442)	-	-	(A)
02788	K8831	2	.Washer (.190dia)(CP1442)	-	-	(A)
02790	AS62515	1	.Clamp Loop Assy Elec Harness (23,83mm (.938))(CP1442)	-	-	(A)
02794	4W0001	1	.Nut (See Appendix 5) (.190dia)(CP1442)	-	-	(A)
02795	4W0165	1	.Bolt (See Appendix 5) (.250 dia x .688) (CP1447)	-	-	(A)
02796	5W1088	1	.Washer (CP1447)	-	-	(A)
02798	FEC3002 -24B	1	.Clip (CP1447)	-	-	(A)
02802	4W0002	1	.Nut (See Appendix 5) (.250dia)(CP1447)	-	-	(A)
02803	4W0165	1	.Bolt (See Appendix 5) (.250 dia x .688) (CP1448)	-	-	(A)
02804	5W1088	1	.Washer (CP1448)	-	-	(A)
02806	FEC3002 -24B	1	.Clip (CP1448)	-	-	(A)
02810	4W0002	1	.Nut (See Appendix 5) (.250dia)(CP1448)	-	-	(A)
02811	4W0165	1	.Bolt (See Appendix 5) (.250 dia x .688) (CP1449)	-	-	(A)
02812	5W1088	1	.Washer (CP1449)	-	-	(A)
02814	FEC3002 -24B	1	.Clip (CP1449)	-	-	(A)
02818	4W0002	1	.Nut (See Appendix 5) (.250 dia)(CP1449)	-	-	(A)
02819	4W0165	1	.Bolt (See Appendix 5) (.250 dia x .688) (CP1450)	-	-	(A)
02820	5W1088	1	.Washer (CP1450)	-	-	(A)
02822	FEC3002 -24B	1	.Clip (CP1450)	-	-	(A)
02826	4W0002	1	.Nut (See Appendix 5) (.250 dia)(CP1450)	-	-	(A)
02827	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500) (CP1451)	-	-	(A)
02828	K8831	1	.Washer (.190 dia)(CP1451)	-	-	(A)
02830	AS62515	1	.Clamp Loop Assy Elec Harnesss (23,83mm (.938))(CP1451)	-	-	(A)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02834	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1451)	-	-	(A)
02835	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500)(CP1452)	-	-	(A)
02836	K8831	1	.Washer (.190 dia)(CP1452)	-	-	(A)
02838	AS62515	1	.Clamp Loop Assy Elec Harness (23,83mm (.938))(CP1452)	-	-	(A)
02842	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1452)	-	-	(A)
02843	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500) (CP1456)	-	-	(A)
02844	K8831	1	.Washer (.190 dia)(CP1456)	-	-	(A)
02846	AS61915	1	.Clamp Loop Style Cushion (26,97mm (1.062))(CP1456)	-	-	(A)
02849	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1456)	-	-	(A)
02859	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500) (CP1458)	-	-	(A)
02860	K8831	1	.Washer (.190 dia)(CP1458)	-	-	(A)
02862	AS61915	1	.Clamp Loop Style Cushion (26,97mm (1.062))(CP1458)	-	-	(A)
02866	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1458)	-	-	(A)
02867	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500) (CP1459)	-	-	(A)
02868	K8831	1	.Washer (.190 dia)(CP1459)	-	-	(A)
02870	AS61915	1	.Clamp Loop Style Cushion (26,97mm (1.062))(CP1459)	-	-	(A)
02874	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1459)	-	-	(A)
02875	4W0107	1	.Bolt (See Appendix 5) (.190 dia x .750)(CP1462)	-	-	(A)
02876	4W2621	3	.Washer (See Appendix 5) (CP1462)	-	-	(A)
02878	AS61915	1	.Clamp Loop Style Cushion (26,97mm (1.062))(CP1462)	-	-	(A)
02882	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1462)	-	-	(A)
02891	4W0117	1	.Bolt (See Appendix 5) (.190 dia x 1.375)(CP1464)	-	-	(A)
02892	K8831	1	.Washer (.190 dia)(CP1464)	-	-	(A)
02894	AS61915	1	.Clamp Loop Style Cushion (26,97mm (1.062))(CP1464)	-	-	(A)
02896	UP10481	1	.Spacer (20mm) (CP1464)	-	-	(A)
02898	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1464)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02899	4W0114	1	.Bolt (See Appendix 5) (.190 dia x 1.188)(CP1465)	-	-	(A)
02900	K8831	2	.Washer (.190 dia)(CP1465)	-	-	(A)
02902	AS61915	1	.Clamp Loop Style Cushion (26,97mm (1.062))(CP1465)	-	-	(A)
02904	UP10480	1	.Spacer (15mm) (CP1465)	-	-	(A)
02906	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1465)	-	-	(A)

71-51-43

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01490	4W0103	1	.Bolt (CP1408)	-	-	(A)
01491	SP154D	1	.Washer (CP1408)	-	-	(A)
01493	AS61908	1	.Clamp Loop (CP1408)	-	-	(A)
01493	TA0250 74-10	Ref	.Clamp Loop (CP1408)	-	-	(A)
01497	4W0001	1	.Nut, Option (CP1408)	-	-	(A)

71-51-44

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01095	K8831	1	.Washer (.190 dia)(CP5595)	-	-	(A)
01150	4W0107	1	.Bolt (See Appendix 5) (.190 dia x .750)(CP5713)	-	4W0107	(1D)(S2)
01151	K8831	2	.Washer (.190 dia)(CP5713)	-	-	(A)
01158	4W0104	1	.Bolt (See Appendix 5) (.190 dia x .562)(CP5714)	-	4W0103	(1D)(S2)
01159	K8831	2	.Washer (.190 dia)(CP5714)	-	-	(A)
01161	AS62509	1	.Clamp Loop Assy Elec Harness (14,27mm (.562))(CP5714)	-	AS62508	(1D)(S2)
01295	K8831	1	.Washer (.190 dia)(CP6074)	-	-	(A)
01326	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500)(CP1414)	-	-	(A)
01327	K8831	1	.Washer (.190 dia)(CP1414)	-	-	(A)
01329	AS62503	1	.Clamp Loop Style Cushion (4,77mm (.188))(CP1414)	-	-	(A)
01333	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1414)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01337	AS62503	1	.Clamp Loop Style Cushion (4,77mm (.188))(CP1421)	-	-	(A)
01345	AS62507	1	.Clamp Loop Style Cushion (11,13mm (.438))(CP6123)	-	-	(A)

71-51-50

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01100	6A6237	1	.Tube A/0 Raceway-Fancase	-	5A8802	(C)(B) (S2)(E)
01177	AS62408	1	.Clip (12,70mm (.500))(CP1464)	-	-	(A)
01214	UP11155	9	..Bracket Inter Tube Support	-	UP11155	(7D)(P)
01240	AS15781	1	..Wire Thrust	-	-	(A)(P)
01241	AS15705	1	..Nut Tube Coupling	-	-	(A)(P)
01242	AS15730	1	..Ferrule Welding Tube	-	-	(A)(P)
01500	6A6233	1	.Tube A/0 Raceway-Fancase	-	-	(A)(C) (E)
01536	AS62408	1	.Clip (12,70mm (.500))(CP1424)	-	-	(A)
01614	UP11155	8	..Bracket Inter Tube Support	-	-	(A)(P)
01618	5W8491	4	..Lug Brazed	-	-	(A)(P)
01642	AS15810	1	..Adaptor Straight Tube	-	-	(A)(P)
01700	6A6231	1	.Tube A/0 Raceway-Fancase	-	-	(A)(C) (E)
01710	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438)(CP0556)	-	-	(A)
01712	4W0043	1	.Nut (See Appendix 5) (.190 dia)(CP0556)	-	-	(A)
01728	AS62416	1	.Clip (25,40mm (1.000))(CP0558)	-	-	(A)
01814	UP11158	9	..Bracket Inter Tube Support	-	-	(A)

71-52-42

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01080	4W0102	1	.Bolt, Machine Double (CP6126)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01081	SP154D	1	.Washer (CP6126)	-	-	(A)
01083	AS61903	Ref	.Clamp,Loop (CP6126)	-	-	(A)(T)
01083	TA0250	1	.Clamp,Loop (CP6126)	-	-	(A)(T)
	74-05					
01087	4W0001	1	.Nut,Option (CP6126)	-	-	(A)

71-52-43

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01005	6A8172	1	.Harness Assy EEC Core	-	6A7570	(C)(B) (S2)(G)
01118	4W0111	1	.Bolt (See Appendix 5) (.190 dia x 1.000)(CP5679)	-	4W0110	(1D)(S2)
01119	5W1086	2	.Washer (CP5679)	-	-	(A)
01123	5W1030	1	.Spacer Sleeve (10mm)(CP5679)	-	LK69353	(1D)(S2)
01534	4W0109	1	.Bolt (See Appendix 5) (.190 dia x .875)(CP6082)	-	4W0108	(1D)(S2)
01535	K8831	1	.Washer (.190 dia)(CP6082)	-	-	(A)
01575	4W0115	1	.Bolt (See Appendix 5) (.190 dia x 1.250)(CP6110)	-	-	(A)
01576	K8831	1	.Washer (.190 dia)(CP6110)	-	-	(A)
01578	AS62515	1	.Clamp Loop Assy Elec Harness (23,83mm (.938))(CP6110)	-	-	(A)
01580	UP10481	1	.Spacer (20mm)(CP6110)	-	-	(A)
01582	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP6110)	-	-	(A)
01583	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500)(CP6114)	-	-	(A)
01584	K8831	1	.Washer (.190 dia)(CP6114)	-	-	(A)
01586	AS62515	1	.Clamp Loop Assy Elec Harness (23,83mm (.938))(CP6114)	-	-	(A)
01590	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP6114)	-	-	(A)

71-52-45

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01263	K8831	1	.Washer (.190 dia)(CP6085)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01270	4W0113	1	.Bolt (See Appendix 5) (.190 dia x 1.125)(CP6086)	—	—	(A)
01271	K8831	1	.Washer (.190 dia)(CP6086)	—	—	(A)
01275	LK42781	1	.Spacer (CP6086)	—	—	(A)
01277	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP6086)	—	—	(A)

71-52-50

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
05100	6A6230	1	.Tube A/O Raceway-Core	—	6A5393	(C)(B) (S2)(E)

71-71-48

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
03400	740-5688 -513	1	.Tube Assy, Drain	—	745-5688 -501	(C)(B) (S2)(H)

71-71-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01500	740-5277 -509	1	.Tube Assy, Drain	—	740-5277 -507	(C)(B) (S2)(H)
01550	4W0103	1	.Bolt (CP6111)	—	—	(A)
01551	SP154D	1	.Washer (CP6111)	—	—	(A)
01553	400WSS4	1	.Clip, Loop Type (CP6111)	—	—	(A)
01557	4W0001	1	.Nut, Option (CP6111)	—	—	(A)
02500	740-5278 -511	1	.Tube Assy, Drain	—	740-5278 -509	(C)(B) (S2)(H)
02570	4W0106	1	.Bolt (CP6109)	—	—	(A)
02571	SP154D	1	.Washer (CP6109)	—	—	(A)
02573	400WSS4	1	.Clip, Loop Type (CP6109)	—	—	(A)
02575	ST1698D47	1	.Spacer (5mm)(CP6109)	—	—	(A)
02577	4W0001	1	.Nut, Option (CP6109)	—	—	(A)
02583	400WSS4	1	.Clip, Loop Type (CP6095)	—	—	(A)



72-38-25

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01270	6A8165	1	.Bracket	-	-	(A)(G)
01300	6A7930	1	.Panel Assy Bifurcation	-	6A4624	(B)(C) (G)(S2)

72-42-20

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02220	2A3817	1	.Lock, No.4 Brg Scav Tube	-	2A0346	(B)(C) (N)(S2)
02300	2A3816	1	.Gasket, No.4 Brg Scav Tube	-	2A2927	(B)(C) (N)(S2)
02340	2A3818	1	.Elbow, Tube to Boss Assy	-	2A1977	(B)(C) (N)(S2)
02342	MS9390 -280	1	..Pin	-	-	(A)(C) (N)

72-60-10

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01457	6A8166	1	.Bracket Clipping	-	-	(A)(C) (G)
01460	MS9321-10	4	.Washer, flat	-	MS9321-10	(13D)

73-11-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
09165	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500)(CP6078)	-	4W0115	(1D)(S2)
09166	K8831	1	.Washer (.190 dia)(CP6078)	-	-	(A)
09173	4W0122	1	.Bolt (See Appendix 5) (.190 dia x 1.688)(CP6075)	-	4W0110	(1D)(S2)
09174	K8831	1	.Washer (.190 dia)(CP6075)	-	-	(A)
09177	UP10479	1	.Spacer (10mm)(CP6075)	-	-	(A)
09178	UP10479	1	.Spacer (10mm)(CP6075)	-	LK69353	(1D)(S2)
09179	UP10478	1	.Spacer (5mm)(CP6075)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
09181	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500)(CP6113)	-	4W0107	(1D)(S2)
09182	K8831	1	.Washer (.190 dia)(CP6113)	-	-	(A)
09184	AS62412	1	.Clip (19,05mm (0.750))(CP6113)	-	AS62412	(1D)(S2)
09188	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP6113)	-	4W0001	(S1)
09189	4W0110	1	.Bolt (See Appendix 5)(.190- dia x .938)(CP6079)	-	4W0108	(1D)(S2)
09190	K8831	1	.Washer (.190 dia)(CP6079)	-	-	(A)
09194	UP10479	1	.Spacer (10mm)(CP6079)	-	LK69353	(1D)(S2)
10165	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438)(CP1461)	-	-	(A)
10166	K8831	1	.Washer (.190 dia)(CP1461)	-	-	(A)
10168	AS62408	1	.Clip (12,70mm (.500))(CP1461)	-	-	(A)
10172	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1461)	-	-	(A)
11142	K8831	1	.Washer (.190 dia)(CP5667)	-	-	(A)
11150	K8831	1	.Washer (.190 dia)(CP5668)	-	-	(A)
11166	K8831	1	.Washer (.190 dia)(CP6076)	-	-	(A)
11181	4W0106	1	.Bolt (See Appendix 5) (.190 dia x .688)(CP6121)	-	-	(A)
11182	K8831	1	.Washer (.190 dia)(CP6121)	-	-	(A)
11184	AS62408	1	.Clip (12,70mm(.500))(CP6121)	-	-	(A)
11186	UP10478	1	.Spacer (5mm)(CP6121)	-	-	(A)
11188	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP6121)	-	-	(A)
13125	4W0107	1	.Bolt (See Appendix 5) (.190 dia x .750)(CP6083)	-	4W0106	(1D)(S2)
13126	K8831	2	.Washer (.190 dia)(CP6083)	-	-	(A)
16158	K8831	2	.Washer (.190 dia)(CP5648)	-	-	(A)
19174	K8831	2	.Washer (.190 dia)(CP5766)	-	-	(A)
19525	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438)(CP6124)	-	-	(A)
19526	K8831	1	.Washer (.190 dia)(CP6124)	-	-	(A)
19528	AS62408	1	.Clip (12,70mm (.500))(CP6124)	-	-	(A)
19532	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP6124)	-	-	(A)
19566	K8831	1	.Washer (.190 dia)(CP6100)	-	-	(A)
19574	K8831	2	.Washer (.190 dia)(CP6097)	-	-	(A)
19589	4W0104	1	.Bolt (See Appendix 5) (.190 dia x .562)(CP6123)	-	-	(A)
19590	K8831	2	.Washer (.190 dia)(CP6123)	-	-	(A)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
19592	AS62408	1	.Clip (12,70mm 0.500)(CP6123)	—	—	(A)
19596	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP6123)	—	—	(A)
20157	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438)(CP1460)	—	—	(A)
20158	K8831	1	.Washer (.190 dia)(CP1460)	—	—	(A)
20160	AS62408	1	.Clip (12,70mm (.500))(CP1460)	—	—	(A)
20164	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1460)	—	—	(A)
22470	6A8234	1	.Bracket Assy	—	5W0043	(C)(B) (S2)(G)
22500	6A6204	1	.Tube A/O Fuel-AC0C AMV Discon to Discon	—	6A5351	(C)(B) (S2)(E)
22557	4W0128	1	.Bolt (See Appendix 5) (.190 dia x 2.125) (CP1433)	—	—	(A)
22558	K8831	2	.Washer (.190 dia)(CP1433)	—	—	(A)
22560	AS62404	1	.Clip (6,35mm (.250))(CP1433)	—	—	(A)
22562	UP10480	1	.Spacer (15mm)(CP1433)	—	—	(A)
22563	UP10481	1	.Spacer (20mm)(CP1433)	—	—	(A)
22564	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1433)	—	—	(A)
22568	AS62404	1	.Clip (6,35mm (.250))(CP1438)	—	—	(A)
22573	4W0114	1	.Bolt (See Appendix 5) (.190 dia x 1.188)(CP1439)	—	—	(A)
22574	K8831	1	.Washer (.190 dia)(CP1439)	—	—	(A)
22576	AS62404	1	.Clip (6,35mm (.250))(CP1439)	—	—	(A)
22578	UP10480	1	.Spacer (15mm)(CP1439)	—	—	(A)
22580	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1439)	—	—	(A)
22581	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438)(CP1440)	—	—	(A)
22582	K8831	1	.Washer (.190 dia)(CP1440)	—	—	(A)
22584	AS62404	1	.Clip (6,35mm (.250))(CP1440)	—	—	(A)
22588	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1440)	—	—	(A)
22589	4W0114	1	.Bolt (See Appendix 5) (.190 dia x 1.188) (CP1437)	—	—	(A)
22590	K8831	2	.Washer (.190 dia)(CP1437)—	—	—	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
22592	AS62404	1	.Clip (6,35mm (.250))(CP1437)	-	-	(A)
22594	UP10480	1	.Spacer (15mm) (CP1437)	-	-	(A)
22596	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1437)	-	-	(A)
24100	6A6232	1	.Tube A/O Fuel-ACOC AMV to Discon Tee	-	6A5358	(C)(1D) (S2)(E)
24141	4W0116	1	.Bolt (See Appendix 5) (.190 dia x 1.312)(CP1415)	-	-	(A)
24142	K8831	1	.Washer (.190 dia)(CP1415)	-	-	(A)
24144	AS62404	1	.Clip (6,35mm (.250))(CP1415)	-	-	(A)
24146	UP10481	1	.Spacer (20mm) (CP1415)	-	-	(A)
24148	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1415)	-	-	(A)
24149	4W0120	1	.Bolt (See Appendix 5) (.190 dia x 1.562)(CP1416)	-	-	(A)
24150	K8831	2	.Washer (.190 dia)(CP1416)	-	-	(A)
24152	AS62404	1	.Clip (6,35mm (.250))(CP1416)	-	-	(A)
24154	UP10482	1	.Spacer (25mm) (CP1416)	-	-	(A)
24156	4W0001	1		-	-	(A)
24160	AS62404	1	.Clip (6,35mm (.250))(CP1433)	-	-	(A)
24165	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500)(CP1443)	-	-	(A)
24166	K8831	1	.Washer (.190 dia)(CP1443)	-	-	(A)
24168	AS62404	1	.Clip (6,35mm (.250))(CP1443)	-	-	(A)
24172	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1443)	-	-	(A)
24173	4W0111	1	.Bolt (See Appendix 5) (.190 dia x 1.00)(CP1444)	-	-	(A)
24174	K8831	1	.Washer (.190 dia)(CP1444)	-	-	(A)
24176	AS62404	1	.Clip (6,35mm (.250))(CP1444)	-	-	(A)
24178	UP10479	1	.Spacer (10mm) (CP1444)	-	-	(A)
24180	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1444)	-	-	(A)
24202	K17404	1	..Ferrule	-	-	(1D)(S2) (P)
24203	K12664	1	..Bushing	-	-	(1D)(S2) (P)
24240	AS15777	1	..Wire Thrust	-	-	(A)(P)
24241	AS15701	1	..Nut Tube Coupling	-	-	(A)(P)
24243	K17404	1	..Ferrule	-	-	(A)(P)



73-22-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02100	6A6201	1	.Tube A/O Air-P4.9 Disconnect to Bif Panel	-	6A6008	(C)(B) (E)
02147	4W0110	1	.Bolt (See Appendix 5) (.190 dia x .938) (CP6116)	-	-	(A)
02148	K8831	1	.Washer (.190 dia)(CP6116)	-	-	(A)
02150	AS62404	1	.Clip (6,35mm(.250))(CP6116)	-	-	(A)
02152	UP10479	1	.Spacer (10mm) (CP6116)	-	-	(A)
02154	4W0001	1	.Nut (See Appendix 5) (.190 dia) (CP6116)	-	-	(A)
02155	4W0110	1	.Bolt (See Appendix 5) (.190 dia x .938)(CP6119)	-	-	(A)
02156	K8831	1	.Washer (.190 dia)(CP6119)	-	-	(A)
02158	AS62404	1	.Clip (6,35mm(.250))(CP6119)	-	-	(A)
02160	UP10479	1	.Spacer (10mm)(CP6119)	-	-	(A)
02162	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP6119)	-	-	(A)
02500	6A6209	1	.Tube A/O Air-P4.9 to EEC- Bif Panel to Discon	-	5A8737	(C)(B) (S2)(E)
02557	4W0108	1	.Bolt (See Appendix 5) (.190 dia x .812)(CP1413)	-	-	(A)
02558	K8831	2	.Washer (.190 dia)(CP1413)	-	-	(A)
02560	AS62404	1	.Clip (6,35mm(.250))(CP1413)	-	-	(A)
02562	UP10478	1	.Spacer (5mm) (CP1413)	-	-	(A)
02564	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1413)	-	-	(A)
02568	AS62404	1	.Clip (6,35mm(.250))(CP1415)	-	-	(A)
02574	AS62404	1	.Clip (6,35mm(.250))(CP1416)	-	-	(A)
02578	4W0111	1	.Bolt (See Appendix 5) (.190 dia x 1.000)(CP1426)	-	-	(A)
02579	K8831	2	.Washer (.190dia)(CP1426)	-	-	(A)
02581	AS62404	1	.Clip (6,35mm(.250))(CP1426)	-	-	(A)
02583	UP10479	1	.Spacer (10mm) (CP1426)	-	-	(A)
02585	4W0001	1	.Nut (See Appendix 5) (.190 dia) (CP1426)	-	-	(A)
02586	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438) (CP1427)	-	-	(A)
02587	K8831	1	.Washer (.190dia)(CP1427)	-	-	(A)
02589	AS62404	1	.Clip (6,35mm(.250))(CP1427)	-	-	(A)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02593	4W0001	1	.Nut (See Appendix 5) (.190 dia) (CP1427)	-	-	(A)
03100	6A6210	1	.Tube A/O Air-P4.9 to EEC Discon to Discon	-	5A9096	(C)(1D) (S2)(E)
03180	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500) (CP1428)	-	-	(A)
03181	K8831	1	.Washer (.190 dia)(CP1428)	-	-	(A)
03183	AS62404	1	.Clip (6,35mm(.250))(CP1428)	-	-	(A)
03187	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1428)	-	-	(A)
03188	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438) (CP1441)	-	-	(A)
03189	K8831	1	.Washer (.190 dia)(CP1441)	-	-	(A)
03191	AS62404	1	.Clip (6,35mm(.250))(CP1441)	-	-	(A)
03195	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1441)	-	-	(A)
03214	UP11152	1	..Bracket Inter Tube Support	-	-	(A)(P)
05500	6A6236	1	.Tube A/O Air-Pb Discon to- Bif Panel	-	6A6192	(C)(B) (S2)(G)
05525	4W0112	1	.Bolt (See Appendix 5) (.190 dia x 1.062) (CP6095)	-	4W0103	(1D)(S2)
05526	K8831	2	.Washer (.190 dia)(CP6095)	-	-	(A)
05530	UP10479	1	.Spacer (10mm)(CP6095)	-	-	(A)
05532	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP6095)	-	4W0043	(1D)(S2)
05557	4W0116	1	.Bolt (See Appendix 5) (.190 dia x 1.312) (CP5647)	-	4W0117	(1D)(S2)
05558	K8831	1	.Washer (.190 dia)(CP5647)	-	-	(A)
05614	UP11152	4	..Bracket Inter Tube Support	-	UP11152	(3D)(P)
06100	6A6211	1	.Tube A/O Air-Pb to EEC Bif Panel to Discon	-	5A8799	(C)(B) (S2)(E)
06128	AS62404	1	.Clip (6,35mm(.250))(CP1426)	-	-	(A)
06184	AS62404	1	.Clip (6,35mm(.250))(CP1418)	-	-	(A)
06192	AS62404	1	.Clip (6,35mm(.250))(CP1420)	-	-	(A)
06242	AS15802	1	..Adaptor	-	-	(A)(P)
06500	6A6212	1	.Tube A/O Air-Pb to EEC Discon to Discon	-	5A9093	(C)(1D) (S2)(E)
06573	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438) (CP1422)	-	-	(A)
06574	K8831	1	.Washer (.190 dia)(CP1422)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
06576	AS62404	1	.Clip (6,35mm(.250))(CP1422)	-	-	(A)
06580	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1422)	-	-	(A)
06581	4W0105	1	.Bolt (See Appendix 5) (.190 dia x .625)(CP1423)	-	-	(A)
06582	K8831	2	.Washer (.190dia)(CP1423)	-	-	(A)
06584	AS62404	1	.Clip (6,35mm(.250))(CP1423)	-	-	(A)
06588	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP1423)	-	-	(A)
06600	AS15777	1	..Wire Thrust	-	-	(A)(P)
06601	AS15701	1	..Nut Tube Coupling	-	-	(A)(P)
06602	AS15768	1	..Ferrule Assy	-	AS15802	(1D)(2D) (S2)(P)
06642	AS15802	1	..Adaptor	-	-	(A)(P)
10100	6A6213	1	.Tube A/O Air-P2.5 to EEC Bif Panel to Discon	-	6A2126	(C)(B) (S2)(E)
10136	AS62404	1	.Clip (6,35mm(.250))	-	-	(A)
10184	AS62404	1	.Clip (6,35mm(.250))	-	-	(A)
10192	AS62404	1	.Clip (6,35mm(.250))	-	-	(A)
10500	6A6214	1	.Tube A/O Air-P2.5 Discon to Discon	-	6A1692	(C)(B) (S2)(E)
10573	4W0117	1	.Bolt (See Appendix 5) (.190 dia x 1.375)	-	-	(A)
10574	K8831	1	.Washer (.190 dia)	-	-	(A)
10576	AS62404	1	.Clip (6,35mm(.250))	-	-	(A)
10578	UP10481	1	.Spacer (20mm)	-	-	(A)
10580	4W0001	1	.Nut (See Appendix 5)(.190 dia)	-	-	(A)
10584	AS62404	1	.Clip (6,35mm(.250))	-	-	(A)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
06100	6A6228	1	.Tube A/O Air-Bif Panel to- Discon	-	5A9357	(C)(B) (S2)(E)
06165	4W0113	1	.Bolt (See Appendix 5) (.190 dia x 1.125) (CP1417)	-	-	(A)
06166	K8831	1	.Washer (.190 dia)(CP1417)	-	-	(A)
06168	AS62405	1	.Clip (7,92mm(.312)) (CP1417)	-	-	(A)
06170	UP10480	1	.Spacer (15mm) (CP1417)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
06172	4W0001	1	.Nut (See Appendix 5) (.190 dia) (CP1417)	-	-	(A)
06176	AS62405	1	.Clip (7.92mm(.312))(CP1419)	-	-	(A)
06184	AS62405	1	.Clip (7.92mm(.312))(CP1433)	-	-	(A)
06192	AS62405	1	.Clip (7.92mm(.312))(CP1439)	-	-	(A)
06214	UP11153	4	..Bracket Inter Tube Support	-	-	(A)(P)
10062	740-5290 -501	1	.Bracket,Overheat And	-	-	(A)(1D) (H)
10064	4W0107	1	.Bolt,Machine Double (CP6120)	-	-	(A)
10065	4W0001	1	.Nut,Option (CP6120)	-	-	(A)
10066	4W0106	1	.Bolt (CP6118)	-	-	(A)
10067	4W0001	2	.Nut,Option (CP6118)	-	-	(A)
10069	TA0250 74-04	1	.Clamp,Loop (CP6120)	-	-	(A)(T)
10069	AS61902	Ref	.Clamp,Loop	-	-	(A)(T)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01100	6A6200	1	.Tube A/O Air-HP Air to B.Valve Solenoid Tee to Bif Panel	-	5A9043	(C)(B) (S2)(F)
01176	AS62408	1	.Clip (12,70mm(.500))(CP6116)	-	-	(A)
01184	AS62408	1	.Clip (12,70mm(.500)) (CP6119)	-	-	(A)
01200	AS15781	1	..Wire Thrust	-	AS15781	(2D)(P)
01201	AS15705	1	..Nut Tube Coupling	-	AS15705	(2D)(P)
01214	UP11155	1	..Bracket Inter Tube Support	-	5W1063	(1D)(2D) (S2)(P)
01240	AS15781	1	..Wire Thrust	-	-	(A)(P)
01241	AS15705	1	..Nut Tube Coupling	-	-	(A)(P)
01500	6A6215	1	.Tube A/O Air-Bif Panel to- Solenoid Discon	-	5A9067	(C)(B) (S2)(F)
01544	AS62408	1	.Clip (12,70mm(.500)) (CP1414)	-	-	(A)
01552	AS62408	1	.Clip (12,70mm(.500)) (CP1417)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01557	4W0107	1	.Bolt (See Appendix 5) (.190 dia x .750) (CP1421)	-	-	(A)
01558	K8831	2	.Washer (.190 dia)(CP1421)	-	-	(A)
01560	AS62408	1	.Clip (12,70mm(.500)) (CP1421)	-	-	(A)
01562	UP10478	1	.Spacer (5mm)(CP1421)	-	-	(A)
01564	4W0001	1	.Nut (See Appendix 5)(.190 dia)(CP1421)	-	-	(A)
01568	AS62408	1	.Clip (12,70mm(.500))(CP1429)	-	-	(A)
01573	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500) (CP1435)	-	-	(A)
01574	K8831	1	.Washer (.190 dia)(CP1435)	-	-	(A)
01575	AS62408	1	.Clip (12,70mm(.500))(CP1435)	-	-	(A)
01580	4W0001	1	.Nut (See Appendix 5)(.190 dia)(CP1435)	-	-	(A)
01614	UP11155	4	..Bracket Inter Tube Support	-	5W1063	(1D)(9D) (S2)(P)
02525	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500)(CP0558)	-	-	(A)
02526	5W1086	1	.Washer (CP0558)	-	-	(A)
02532	4W0043	1	.Nut (See Appendix 5)(.190 dia)(CP0558)	-	-	(A)
04100	6A6222	1	.Tube A/O Air-HP10 Solenoid- Discon to Discon	-	6A5330	(C)(B) (S2)(F)
04165	4W0115	1	.Bolt (See Appendix 5)(.190- dia x 1.250) (CP1409)	-	-	(A)
04166	K8831	2	.Washer (.190 dia)(CP1409)	-	-	(A)
04168	AS62404	1	.Clip (6,35mm(.250))(CP1409)	-	-	(A)
04170	UP10480	1	.Spacer (15mm)(CP1409)	-	-	(A)
04172	4W0001	1	.Nut (See Appendix 5)(.190 dia)(CP1409)	-	-	(A)
04214	UP11152	1	..Bracket Inter Tube Support	-	-	(A)(P)
04500	6A6223	1	.Tube A/O Air-HP7 Solenoid - Discon to Bif Panel	-	6A5331	(C)(B) (S2)(F)
04536	AS62404	1	.Clip (6,35mm(.250))(CP1442)	-	400WSS4	(1D)(S2)
04541	4W0115	1	.Bolt (See Appendix 5)(.190- dia x 1.250) (CP1420)	-	-	(A)
04542	K8831	2	.Washer (.190 dia)(CP1420)	-	-	(A)
04544	AS62404	1	.Clip (6,35mm(.250))(CP1420)	-	-	(A)
04546	UP10480	1	.Spacer (15mm)(CP1420)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
04548	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP1420)	-	-	(A)
04591	4W0114	1	.Bolt (See Appendix 5) (.190 dia x 1.188) (CP1418)	-	-	(A)
04592	K8831	1	.Washer (.190 dia)(CP1418)	-	-	(A)
04594	AS62404	1	.Clip (6,35mm(.250))(CP1418)	-	-	(A)
04596	UP10480	1	.Spacer (15mm)(CP1418)	-	-	(A)
04598	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1418)	-	-	(A)
08100	6A6220	1	.Tube A/O Air-HP7 Solenoid - Discon to Discon	-	6A5334	(C)(B) (S2)(F)
08185	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438) (CP1434)	-	-	(A)
08186	K8831	1	.Washer (.190 dia)(CP1434)	-	-	(A)
08188	AS62404	1	.Clip (6,35mm(.250))(CP1434)	-	-	(A)
08192	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1434)	-	-	(A)
08500	6A6221	1	.Tube A/O Air-HP7 Solenoid - Discon to Bif Panel	-	6A5332	(C)(B) (S2)(F)
08568	AS62404	1	.Clip (6,35mm(.250))(CP1413)	-	-	(A)
08573	4W0114	1	.Bolt (See Appendix 5)(.190- dia x 1.188)(CP1419)	-	-	(A)
08574	K8831	2	.Washer (.190 dia)(CP1419)	-	-	(A)
08576	AS62404	1	.Clip (6,35mm(.250)) (CP1419)	-	-	(A)
08578	UP10480	1	.Spacer (15mm) (CP1419)	-	-	(A)
08580	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1419)	-	-	(A)
08581	4W0114	1	.Bolt (See Appendix 5) (.190 dia x 1.188) (CP1438)	-	-	(A)
08582	K8831	2	.Washer (.190 dia)(CP1438)	-	-	(A)
08584	AS62404	1	.Clip (6,35mm(.250))(CP1438)	-	-	(A)
08586	UP10480	1	.Spacer (15mm)(CP1438)	-	-	(A)
08588	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1438)	-	-	(A)
08593	AS62404	1	.Clip (6,35mm(.250))(CP1433)	-	-	(A)
10100	6A6218	1	.Tube A/O Air-HP7 Solenoid - Discon to Discon	-	5A9074	(C)(B) (S2)(F)
10184	AS62404	1	.Clip (6,35mm(.250)) (CP1409)	-	-	(A)
10189	4W0107	1	.Bolt (See Appendix 5) (.190 dia x .750) (CP1432)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
10190	K8831	1	.Washer (.190 dia)(CP1432)	-	-	(A)
10192	AS62404	1	.Clip (6,35mm(.250))(CP1432)	-	-	(A)
10194	UP10478	1	.Spacer (5mm)(CP1432)	-	-	(A)
10196	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1432)	-	-	(A)
10202	AS15802	1	..Adaptor	-	AS15802	(1D)(2D) (S2)(P)
10242	AS15802	1	..Adaptor	-	-	(A)(P)
10500	6A6219	1	.Tube A/O Air-HP7 Solenoid Discon to Bif Panel	-	5A8769	(C)(B) (S2)(F)
10568	AS62404	1	.Clip (6,35mm(.250))(CP1418)	-	-	(A)
10576	AS62404	1	.Clip (6,35mm(.250))(CP1420)	-	-	(A)
10581	4W0104	1	.Bolt (See Appendix 5)(.190- dia x .562) (CP1431)	-	-	(A)
10582	K8831	1	.Washer (.190 dia)(CP1431)	-	-	(A)
10584	AS62404	1	.Clip (6,35mm(.250)) (CP1431)	-	-	(A)
10588	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1431)	-	-	(A)
11500	6A6216	1	.Tube A/O Air-HP7 Solenoid Discon to Discon	-	6A5338	(C)(B) (S2)(F)
11560	AS62404	1	.Clip (6,35mm(.250))(CP1409)	-	-	(A)
11568	AS62404	1	.Clip (6,35mm(.250))(CP1444)	-	-	(A)
12100	6A6217	1	.Tube A/O Air-HP7 Solenoid Discon to Bif Panel	-	5A8745	(C)(B) (S2)(F)
12125	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438) (CP1436)	-	-	(A)
12126	K8831	1	.Washer (.190 dia)(CP1436)	-	-	(A)
12128	AS62404	1	.Clip (6,35mm(.250))(CP1436)	-	-	(A)
12132	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1436)	-	-	(A)
12136	AS62404	1	.Clip (6,35mm(.250))(CP1437)	-	-	(A)
12144	AS62404	1	.Clip (6,35mm(.250)) (CP1438)	-	-	(A)
12160	AS62404	1	.Clip (6,35mm(.250))(CP1433)	-	-	(A)
12184	AS62404	1	.Clip (6,35mm(.250))(CP1419)	-	-	(A)
12192	AS62404	1	.Clip (6,35mm(.250))(CP1421)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
13100	6A6198	1	.Tube A/O Air-Bif Panel to - Stg.7 B.Valve		6A6005	(C)(B) (S2)(F)
13149	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500)(CP5643)		-	(A)
13150	K8831	2	.Washer (.190 dia)(CP5643)	-	-	(A)
13152	AS62404	1	.Clip (6,35mm(.250)) (CP5643)	-	-	(A)
13156	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP5643)		-	(A)
13173	4W0128	1	.Bolt (See Appendix 5) (.190 dia x 2.125) (CP5641)	-	-	(A)
13174	K8831	2	.Washer (.190 dia)(CP5641)	-	-	(A)
13176	AS62404	1	.Clip (6,35mm(.250))(CP5641)	-	-	(A)
13178	6A4826	1	.Spacer (40mm long)(CP5641)	-	-	(A)
13180	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP5641)		-	(A)
13182	AS62404	1	.Clip (6,35mm(.250))(CP6121)	-	-	(A)
13184	AS62404	1	.Clip (6,35mm(.250))(CP6075)	-	-	(A)
13214	UP11152	1	..Bracket Inter Tube Support	-	UP11152	(6D)(P)
13240	AS15777	1	..Wire Thrust	-	-	(A)(P)
13241	AS15701	1	..Nut Tube Coupling	-	-	(A)(P)
13242	K17404	1	..Ferrule	-	AS15802	(1D)(S2) (P)
13243	K12664	1	..Bushing	-	-	(A)(P)
14100	6A6199	1	.Tube A/O Air-Bif Panel to - Stg.10 B.Valve		6A6013	(C)(B) (S2)(F)
14128	AS62404	1	.Clip (6,35mm(.250))(CP5643)	-	-	(A)
14168	AS62404	1	.Clip (6,35mm(.250))(CP5641)	-	-	(A)
14173	4W0112	1	.Bolt (See Appendix 5) (.190 dia x 1.062) (CP5675)	-	-	(A)
14174	K8831	1	.Washer (.190 dia)(CP5675)	-	-	(A)
14176	AS62404	1	.Clip (6,35mm(.250)) (CP5675)	-	-	(A)
14179	UP10480	1	.Spacer (15mm) (CP5675)	-	-	(A)
14180	4W0043	1	.Nut (See Appendix 5) (.190- dia) (CP5675)		-	(A)
14184	400WSS4	1	.Clip (CP5450)	-	-	(A)
14189	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438) (CP5397)	-	-	(A)
14190	5W1086	1	.Washer (CP5397)	-	-	(A)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
14192	400WSS4	1	.Clip (CP5397)	-	-	(A)
14196	4W0043	1	.Nut (See Appendix 5) (.190- dia) (CP5397)	-	-	(A)
14214	UP11152	3	..Bracket Inter Tube Support	-	UP11152	(12D)(P)
14242	K17404	1	..Ferrule	-	AS15768	(1D)(S2) (P)
14243	K12664	1	..Bushing	-	AS15722	(1D)(S2) (P)
15100	6A6197	1	.Tube A/O Air-Bif Panel to Stg.7 B.Valve	-	6A6012	(C)(1D) (S2)(F)
15120	AS62404	1	.Clip (6,35mm(.250)) (CP5675)	-	-	(A)
15144	AS62404	1	.Clip (6,35mm(.250)) (CP5659)	-	-	(A)
15184	AS62404	1	.Clip (6,35mm(.250)) (CP6075)	-	-	(A)
15192	AS62404	1	.Clip (6,35mm(.250)) (CP5595)	-	-	(A)
15214	UP11152	2	..Bracket Inter Tube Support	-	UP11152	(11D)(P)
15240	AS15777	1	..Wire Thrust	-	-	(A)(P)
15241	AS15701	1	..Nut Tube Coupling	-	-	(A)(P)
15242	K17404	1	..Ferrule	-	AS15802	(1D)(S2) (P)
15243	K12664	1	..Bushing	-	-	(A)(P)
15582	K8831	1	.Washer (.190 dia)(CP6073)	-	-	(A)
16174	K8831	1	.Washer (.190 dia)(CP6096)	-	-	(A)
16182	K8831	2	.Washer (.190 dia)(CP6098)	-	-	(A)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
04157	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500)(CP1430)	-	-	(A)
04158	K8831	1	.Washer (.190 dia)(CP1430)	-	-	(A)
04160	AS62412	1	.Clip (19,05mm (.750))(CP1430)	-	-	(A)
04164	4W0001	1	.Nut (See Appendix 5)(.190- dia)(CP1430)	-	-	(A)
04552	AS62412	1	.Clip (19,05mm(.750)) (CP1420)	-	-	(A)
04557	4W0109	1	.Bolt (See Appendix 5) (.190 dia x .875)(CP1457)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
04558	K8831	1	.Washer (.190 dia)(CP1457)-	-	-	(A)
04560	AS62412	1	.Clip (19,05mm(.750))(CP1457)	-	-	(A)
04562	UP10479	1	.Spacer (10mm) (CP1457) -	-	-	(A)
04564	4W0001	1	.Nut (See Appendix 5) (.190- dia)(CP1457)	-	-	(A)
10149	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .438)(CP6081)	-	-	(1D)(S2)
10150	K8831	1	.Washer (.190 dia)(CP6081) -	-	-	(A)
10157	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500)(CP6122)	-	-	(A)
10158	K8831	1	.Washer (.190 dia)(CP6122) -	-	-	(A)
10160	AS62412	1	.Clip (19,05m m(.750)) - (CP6122)	-	-	(A)
10164	4W0001	1	.Nut (See Appendix 5) (.190- dia)(CP6122)	-	-	(A)
11142	K8831	1	.Washer (.190 dia)(CP5660) -	-	-	(A)
12133	4W0120	1	.Bolt (See Appendix 5) - (.190 dia x 1.562)(CP5659)	-	4W0119	(1D)(S2)
12134	K8831	1	.Washer (.190 dia)(CP5659)-	-	-	(A)
12157	4W0103	1	.Bolt (See Appendix 5)(.190 dia x .500)(CP6084)	-	4W0102	(1D)(S2)
12158	K8831	2	.Washer (.190 dia)(CP6084)-	-	-	(A)
12164	4W0001	1	.Nut (See Appendix 5)(.190- dia)(CP6084)	-	4W0043	(1D)(S2)
12166	K8831	1	.Washer (.190 dia)(CP6087) -	-	-	(A)
13100	6A6202	1	.Tube A/O Oil-No.4 Brg 4 Way Adaptor to Disconnect	-	6A5396	(C)(B) (S2)(F)
13134	K8831	1	.Washer (.190 dia)(CP5664) -	-	-	(A)
13149	4W0110	1	.Bolt (See Appendix 5)(.190- dia x .938)(CP6088)	-	4W0102	(1D)(S2)
13150	K8831	1	.Washer (.190 dia)(CP6088) -	-	-	(A)
13154	UP10479	1	.Spacer (10mm)(CP6088) -	-	-	(A)
13156	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP6088)	-	-	(1D)(S2)
13201	AS15704	1	..Nut Tube Coupling	-	5W8475	(1D)(S2) (P)

79-21-51

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01090	6A8173	1	.Bracket Clipping	-	-	(A)(C) (G)
01110	4W2622	41	.Washer (See Appendix 5)	-	4W2622	(8D)



79-22-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01500	6A6196	1	.Tube A/O Oil-No.5 Brg Scav- Disconnect to Bif Panel		5R8141	(C)(B) (S2)(F)
01541	4W0117	1	.Bolt (See Appendix 5) (.190 dia x 1.375) (CP5224)	-	4W0116	(1D)(S2)
01542	K8831	2	.Washer (.190 dia)(CP5224)	-	-	(A)
01612	5W1103	4	..Sleeve Half	-	5W1103	(5D)(P)
01614	UP11157	6	..Bracket Inter Tube Support	-	5W1066	(1D)(10D) (S2)(P)
02100	6A6208	1	.Tube A/O Oil-No.5 Brg Bif - Panel to Scav Discon	-	5A9085	(C)(B) (S2)(F)
02149	4W0107	1	.Bolt (See Appendix 5) (.190 dia x .750) (CP1429)	-	-	(A)
02150	K8831	1	.Washer (.190 dia)(CP1429)	-	-	(A)
02152	AS62412	1	.Clip (19,05mm(.750)) (CP1429)	-	-	(A)
02154	UP10478	1	.Spacer (5mm) (CP1429)	-	-	(A)
02156	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1429)	-	-	(A)
02214	UP11157	6	..Bracket Inter Tube Support	-	-	(A)(P)
03100	6A6195	1	.Tube A/O Oil-No.4 Brg Scav Dif Case to Bif Panel	-	6A5367	(C)(B) (S2)(F)
03160	AS62416	1	.Clip (25,40mm(1.000))(CP6095)	-	-	(A)
03200	AS15785	1	..Wire Thrust	-	-	(A)(P)
03201	AS15709	1	..Nut Tube Coupling	-	-	(A)(P)
03202	AS15738	1	..Ferrule Welding Tube	-	-	(A)(P)
03214	UP11158	2	..Bracket Inter Tube Support	-	-	(A)(P)
03240	AS15785	1	..Wire Thrust	-	AS15785	(2D)(P)
03241	AS15709	1	..Nut Tube Coupling	-	AS15709	(2D)(P)
03242	AS15738	1	..Ferrule Welding Tube	-	AS15738	(2D)(P)
04100	6A6206	1	.Tube A/O Oil-No.4 Brg Discon to Discon	-	5A9083	(C)(B) (S2)(F)
04141	4W0104	1	.Bolt (See Appendix 5) (.190 dia x .562) (CP1407)	-	-	(A)
04142	K8831	1	.Washer (.190 dia)(CP1407)	-	-	(A)
04144	AS62424	1	.Clip (38,10mm(1.500))(CP1407)	-	-	(A)
04148	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP1407)	-	-	(A)
04149	4W0104	1	.Bolt (See Appendix 5) (.190 dia x .562) (CP1411)	-	-	(A)
04150	K8831	1	.Washer (.190 dia)(CP1411)	-	-	(A)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
04152	AS62424	1	.Clip (38,10mm(1.500))(CP1411)	-	-	(A)
04156	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1411)	-	-	(A)
04157	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500) (CP1412)	-	-	(A)
04158	K8831	1	.Washer (.190 dia)(CP1412)	-	-	(A)
04160	AS62424	1	.Clip (38,10mm(1.500))(CP1412)	-	-	(A)
04164	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1412)	-	-	(A)
04165	4W0104	1	.Bolt (See Appendix 5) (.190 dia x .562) (CP1453)	-	-	(A)
04166	K8831	1	.Washer (.190 dia)(CP1453)	-	-	(A)
04168	AS62416	1	.Clip (25,40mm(1.000))(CP1453)	-	-	(A)
04172	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1453)	-	-	(A)
04214	UP11158	1	..Bracket Inter Tube Support	-	5W1067	(1D)(4D) (S2)(P)
04215	UP11160	5	..Bracket Inter Tube Support	-	-	(A)(P)
04226	6A8154	1	..Adaptor	-	-	(A)(P)
04236	6A8154	1	..Adaptor	-	-	(A)(P)
04242	6A8164	1	..Adaptor Tee	-	AS15738	(C)(1D) (S2)(P)
04500	6A6205	1	.Tube A/O Oil-No.4 Brg Discon to Scav Valve	-	5A9084	(C)(B) (S2)(F)
04642	K17440	1	..Adaptor Elbow	-	5W8151	(1D)(S2) (P)
05100	6A6207	1	.Tube A/O Oil-No.4 Brg Scav- 'T' to Press Trans	-	5A8573	(C)(B) (S2)(F)
05149	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500) (CP1425)	-	-	(A)
05150	K8831	1	.Washer (.190 dia)(CP1425)	-	-	(A)
05152	AS62404	1	.Clip (6,35mm(.250)) (CP1425)	-	-	(A)
05156	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1425)	-	-	(A)
05200	AS15777	1	..Wire Thrust	-	AS15777	(2D)(P)
05201	AS15701	1	..Nut Tube Coupling	-	AS15701	(2D)(P)
05202	AS15768	1	..Ferrule Assy	-	AS15768	(2D)(P)
05240	AS15777	1	..Wire Thrust	-	-	(A)(P)
05241	AS15701	1	..Nut Tube Coupling	-	-	(A)(P)
05242	AS15768	1	..Ferrule Assy	-	-	(A)(P)
12100	740-5793 -513	1	.Tube Assy,Oil Pressure	-	745-5793 -501	(C)(B) (S2)(H)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
12162	4W0103	1	.Bolt (CP1406)	—	—	(A)
12163	SP154D	1	.Washer (CP1406)	—	—	(A)
12164	400WSS4	1	.Clip,Loop Type (CP1406)	—	—	(A)
12166	4W0001	1	.Nut,option (CP1406)	—	—	(A)
12169	400WSS4	1	.Clip,Loop Type (CP1464)	—	—	(A)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	INSTR DISP
10080	MKVA579008801	Ref	.Mod Kit	(E)
10085	MKVA579008802	Ref	.Mod Kit	(F)
10095	MKVA579008804	Ref	.Mod Kit	(K)
30040	V255790088-551	Ref	.Mod Kit Reroute EBU	(H)
40010	2A3892	Ref	.Parts Kit	(N)

36-11-47

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01149	4W0102	1	.Bolt (See Appendix 5)(.190- dia x .438)(CP6094)	—	—	(A)(C)
01150	K8831	1	.Washer (.190 dia)(CP6094)–	—	—	(A)
01156	4W0001	1	.Nut (See Appendix 5)(.190 – dia)(CP6094)	—	—	(A)(C)
01500	6A6224	1	.Tube A/O Air-Bif Panel to – Discon	—	6A2139	(C)(B) (S2)(E)
01528	AS62404	1	.Clip (6,35mm(.250)) (CP1418)	—	—	(A)
01536	AS62404	1	.Clip (6,35mm(.250)) (CP1431)	—	—	(A)
02500	6A6225	1	.Tube A/O Air-Discon to Discon	—	6A2138	(C)(B) (S2)(E)
02560	AS62404	1	.Clip (6,35mm(.250)) (CP1409)	—	—	(A)
02568	AS62404	1	.Clip (6,35mm(.250)) (CP1432)	—	—	(A)



71-51-41

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02787	4W0104	1	.Bolt (See Appendix 5)(.190- dia x .562)(CP1442)		-	(A)(C)
02788	K8831	2	.Washer (.190 dia)(CP1442)-		-	(A)
02790	AS62515	1	.Clamp Loop Assy Elec Harnes (23,83mm(.938))(CP1442)	-	-	(A)(C)
02794	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP1442)		-	(A)(C)
02795	4W0165	1	.Bolt (See Appendix 5) (.250 dia x .688)(CP1447)	-	-	(A)(C)
02796	5W1088	1	.Washer (CP1447)	-	-	(A)
02798	FEC3002 -24B	1	.Clip (CP1447)	-	-	(A)
02802	4W0002	1	.Nut (See Appendix 5)(.250 - dia)(CP1447)		-	(A)(C)
02803	4W0165	1	.Bolt (See Appendix 5) (.250 dia x .688)(CP1448)	-	-	(A)(C)
02804	5W1088	1	.Washer (CP1448)	-	-	(A)
02806	FEC3002 -24B	1	.Clip (CP1448)	-	-	(A)
02810	4W0002	1	.Nut (See Appendix 5)(.250 - dia)(CP1448)		-	(A)(C)
02811	4W0165	1	.Bolt (See Appendix 5)(.250- dia x .688)(CP1449)		-	(A)(C)
02812	5W1088	1	.Washer (CP1449)	-	-	(A)
02814	FEC3002 -24B	1	.Clip (CP1449)	-	-	(A)
02818	4W0002	1	.Nut (See Appendix 5)(.250 - dia)(CP1449)		-	(A)(C)
02819	4W0165	1	.Bolt (See Appendix 5)(.250- dia x .688) (CP1450)		-	(A)(C)
02820	5W1088	1	.Washer (CP1450)	-	-	(A)
02822	FEC3002 -24B	1	.Clip (CP1450)	-	-	(A)
02826	4W0002	1	.Nut (See Appendix 5)(.250 - dia)(CP1450)		-	(A)(C)
02827	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500)(CP1451)		-	(A)(C)
02828	K8831	1	.Washer (.190 dia)(CP1451) -		-	(A)
02830	AS62515	1	.Clamp Loop Assy Elec Harnes (23,83mm(.938))(CP1451)	-	-	(A)(C)
02834	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP1451)		-	(A)(C)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02835	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500)(CP1452)	-	-	(A)(C)
02836	K8831	1	.Washer (.190 dia)(CP1452)-	-	-	(A)
02838	AS62515	1	.Clamp Loop Assy Elec Harnes (23,83mm(.938))(CP1452)	-	-	(A)(C)
02842	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP1452)	-	-	(A)(C)
02843	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500)(CP1456)	-	-	(A)(C)
02844	K8831	1	.Washer (.190 dia)(CP1456)-	-	-	(A)
02846	AS61915	1	.Clamp Loop Style Cushion - (26,97mm(1.062))(CP1456)	-	-	(A)(C)
02849	4W0001	1	.Nut (See Appendix 5) (.190- dia)(CP1456)	-	-	(A)(C)
02859	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500) (CP1458)	-	-	(A)(C)
02860	K8831	1	.Washer (.190 dia)(CP1458)-	-	-	(A)
02862	AS61915	1	.Clamp Loop Style Cushion - (26,97mm(1.062))(CP1458)	-	-	(A)(C)
02866	4W0001	1	.Nut (See Appendix 5)(.190- dia)(CP1458)	-	-	(A)(C)
02867	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500)(CP145)	-	-	(A)(C)
02868	K8831	1	.Washer (.190 dia)(CP1459)-	-	-	(A)
02870	AS61915	1	.Clamp Loop Style Cushion - (26,97mm(1.062))(CP1459)	-	-	(A)(C)
02874	4W0001	1	.Nut (See Appendix 5) - (.190 dia)(CP1459)	-	-	(A)(C)
02875	4W0107	1	.Bolt (See Appendix 5)(.190- dia x .750)(CP1462)	-	-	(A)(C)
02876	4W2621	3	.Washer (See Appendix 5)(CP1462)	-	-	(A)(C)
02878	AS61915	1	.Clamp Loop Style Cushion - (26,97mm(1.062))(CP1462)	-	-	(A)(C)
02882	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP1462)	-	-	(A)(C)
02891	4W0117	1	.Bolt (See Appendix 5)(.190 dia x 1.375)(CP1464)	-	-	(A)(C)
02892	K8831	1	.Washer (.190 dia)(CP1464)-	-	-	(A)
02894	AS61915	1	.Clamp Loop Style Cushion - (26,97mm(1.062)) (CP1464)	-	-	(A)(C)
02896	UP10481	1	.Spacer (20mm) (CP1464) -	-	-	(A)
02898	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP1464)	-	-	(A)(C)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02899	4W0114	1	.Bolt (See Appendix 5)(.190- dia x 1.188) (CP1465)	-	-	(A)(C)
02900	K8831	2	.Washer (.190 dia)(CP1465)	-	-	(A)
02902	AS61915	1	.Clamp Loop Style Cushion (26,97mm(1.062))(CP1465)	-	-	(A)(C)
02904	UP10480	1	.Spacer (15mm) (CP1465)	-	-	(A)
02906	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP1465)	-	-	(A)(C)

71-51-43

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01490	4W0103	1	.Bolt (CP1408)	-	-	(A)
01491	SP154D	1	.Washer (CP1408)	-	-	(A)
01493	AS61908	1	.Clamp, Loop (CP1408)	-	-	(A)
01493	TA0250 74-10	Ref	.Clamp Loop (CP1408)	-	-	(A)
01497	4W0001	1	.Nut, Option (CP1408)	-	-	(A)

71-51-44

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01095	K8831	1	.Washer (.190 dia)(CP5595)	-	-	(A)
01150	4W0107	1	.Bolt (See Appendix 5)(.190- dia x .750)(CP5713)	-	4W0106	(C)(1D) (S2)
01151	K8831	2	.Washer (.190 dia)(CP5713)	-	-	(A)
01158	4W0104	1	.Bolt (See Appendix 5) (.190 dia x .562) (CP5714)	-	4W0103	(C)(1D) (S2)
01159	K8831	2	.Washer (.190 dia)(CP5714)	-	-	(A)
01161	AS62509	1	.Clamp Loop Assy Elec Harness (14,27mm(.562))(CP5714)	-	AS62508	(C)(1D) (S2)
01295	K8831	1	.Washer (.190 dia)(CP6074)	-	-	(A)
01326	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500)(CP1414)	-	-	(A)(C)
01327	K8831	1	.Washer (.190 dia)(CP1414)	-	-	(A)
01329	AS62503	1	.Clamp Loop Style Cushion (4,77mm(.188)) (CP1414)	-	-	(A)(C)
01333	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP1414)	-	-	(A)(C)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01337	AS62503	1	.Clamp Loop Style Cushion - (4,77mm(.188)) (CP1421)	-	-	(A)(C)
01345	AS62507	1	.Clamp Loop Style Cushion - (11,13mm(.438)) (CP6123)	-	-	(A)(C)

71-51-50

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01100	6A6237	1	.Tube A/0 Raceway-Fancase-	-	5A8802	(C)(B) (S2)(E)
01177	AS62408	1	.Clip (12,70mm(.500)) (CP1464)	-	-	(A)
01500	AS6233	1	.Tube A/0 Raceway-Fancase-	-	-	(A)(C) (E)
01536	AS62408	1	.Clip (12,70mm(.500)) (CP1424)	-	-	(A)
01700	6A6231	1	.Tube A/0 Raceway-Fancase-	-	-	(A)(C) (E)
01710	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438) (CP0556)	-	-	(A)(C)
01712	4W0043	1	.Nut (See Appendix 5) (.190- dia) (CP0556)	-	-	(A)(C)
01728	AS62416	1	.Clip (25,40mm(1.000)) (CP0558)	-	-	(A)

71-52-42

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01080	4W0102	1	.Bolt, Machine Double (CP6126)	-	AS21407	(C)(1D) (S1)
01081	SP154D	1	.Washer (CP6126)	-	SP154D	(C)
01083	TA025074 -05	1	.Clamp, Loop (CP6126)	-	TA025074 -05	(C)(T)
01083	AS61903	Ref	.Clamp, Loop (CP6126)	-	TA025074 -05	(C)(T)
01087	4W0001	1	.Nut, Option (CP6126)	-	4W0001	(C)



71-52-43

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01118	4W0111	1	.Bolt (See Appendix 5) (.190 dia x 1.000) (CP5679)	-	4W0110	(C)(1D) (S2)
01119	5W1086	2	.Washer (CP5679)	-	-	(A)
01123	5W1030	1	.Spacer Sleeve (10mm)(CP5679)	-	LK69353	(C)(1D) (S2)
01423	K8831	1	.Washer (.190 dia)(CP5764)	-	-	(A)
01431	K8831	1	.Washer (.190 dia)(CP5763)	-	-	(A)
01439	K8831	1	.Washer (.190 dia)(CP5765)	-	-	(A)
01441	AS62506	1	.Clamp Loop Style Cushion (9,53mm(.375)) (CP5765)	-	AS62508	(C)(1D) (S2)
01534	4W0109	1	.Bolt (See Appendix 5) (.190 dia x .875) (CP6082)	-	4W0108	(C)(1D) (S2)
01535	K8831	1	.Washer (.190 dia)(CP6082)	-	-	(A)
01575	4W0115	1	.Bolt (See Appendix 5) (.190 dia x 1.250) (CP6110)	-	-	(A)(C)
01576	K8831	1	.Washer (.190 dia)(CP6110)	-	-	(A)
01578	AS62515	1	.Clamp Loop Assy Elec Harnes (23,83mm(.938)) (CP6110)	-	-	(A)(C)
01580	UP10481	1	.Spacer (20mm) (CP6110)	-	-	(A)
01582	4W0001	1	.Nut (See Appendix 5)(.190 dia) (CP6110)	-	-	(A)(C)
01583	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500) (CP6114)	-	-	(A)(C)
01584	K8831	1	.Washer (.190 dia)(CP6114)	-	-	(A)
01586	AS62515	1	.Clamp Loop Assy Elec Harnes (23,83mm(.938)) (CP6114)	-	-	(A)(C)

71-52-45

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01590	4W0001	1	.Nut (See Appendix 5)(.190 dia)(CP6114)	-	-	(A)(C)
01263	K8831	1	.Washer (.190 dia)(CP6085)	-	-	(A)
01270	4W0113	1	.Bolt (See Appendix 5)(.190- dia x 1.125)(CP6086)	-	-	(A)(C)
01271	K8831	1	.Washer (.190 dia)(CP6086)	-	-	(A)
01275	LK42781	1	.Spacer (CP6086)	-	-	(A)
01277	4W0001	1	.Nut (See Appendix 5)(.190 dia)(CP6086)	-	-	(A)(C)

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71-52-50

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
05100	6A6230	1	.Tube A/O Raceway-Core	-	6A5393	(C)(B) (S2)(E)

71-71-48

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
03400	740-5688 -513	1	.Tube Assy, Drain	-	745-5688 -501	(C)(B) (S2)(H)

71-71-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01500	740-5277 -509	1	.Tube Assy, Drain	-	740-5277 -507	(C)(B) (S2)(H)
01550	4W0113	1	.Bolt (CP6111)	-	-	(A)
01551	SP154D	1	.Washer (CP6111)	-	-	(A)
01553	400WSS4	1	.Clip,Loop Type (CP6111)	-	-	(A)
01557	4W0001	1	.Nut,Option (CP6111)	-	-	(A)
02500	740-5278 -511	1	.Tube Assy, Drain	-	740-5278 -509	(C)(B) (S2)(H)
02570	4W0106	1	.Bolt (CP6109)	-	-	(A)
02571	SP154D	1	.Washer (CP6109)	-	-	(A)
02573	400WSS4	1	.Clip,Loop Type (CP6109)	-	-	(A)
02575	ST1698D47	1	.Spacer (5mm)(CP6109)	-	-	(A)
02577	4W0001	1	.Nut,Option (CP6109)	-	-	(A)
02583	400WSS4	1	.Clip,Loop Type (CP6095)	-	-	(A)

72-38-25

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01270	6A8165	1	.Bracket	-	-	(A)(K)
01300	6A7930	1	.Panel,whole assembly Bifurcation	-	6A4624	(C)(B) (S2)(K)

72-42-20



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02220	2A3817	1	.Lock, No.4 Brg Scav Tube -		2A0346	(B)(C) (N)(S2)
02300	2A3816	1	.Gasket, No.4 Brg Scav Tube-		2A2927	(B)(C) (N)(S2)
02340	2A3818	1	.Elbow, Tube to Boss Assy -		2A1977	(B)(C) (N)(S2)

72-60-10

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01457	6A8166	1	.Bracket Clipping	-	-	(A)(C) (K)
01460	MS9321-10	4	.Washer, flat	-	MS9321-10	(13D)

73-11-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
09165	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500)(CP6078)	-	4W0115	(C)(1D) (S2)
09166	K8831	1	.Washer (.190 dia)(CP6078)-		-	(A)
09173	4W0122	1	.Bolt (See Appendix 5)(.190- dia x 1.688) (CP6075)		4W0110	(C)(1D) (S2)
09174	K8831	1	.Washer (.190 dia)(CP6075)-		-	(A)
09177	UP10479	1	.Spacer (10mm) (CP6075) -		-	(A)
09178	UP10479	1	.Spacer (10mm)(CP6075) -		LK69353	(C)(1D) (S2)
09179	UP10478	1	.Spacer (5mm) (CP6075) -		-	(A)
09181	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500)(CP6113)		4W0107	(C)(1D) (S2)
09182	K8831	1	.Washer (.190 dia)(CP6113) -		-	(A)
09184	AS62412	1	.Clip (19,05mm(.750)) (CP6113)		AS62412	(C)
09188	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP6113)		4W0001	(C)
09189	4W0110	1	.Bolt (See Appendix 5)(.190- dia x .938)(CP6079)		4W0108	(1D)(S2)
09190	K8831	1	.Washer (.190 dia)(CP6079) -		-	(A)
09194	UP10479	1	.Spacer (10 mm)(CP6079) -		LK69353	(1D)(S2)
10165	4W0102	1	.Bolt (See Appendix 5) (.190dia x .438)(CP1461)		-	(A)(C)
10166	K8831	1	.Washer (.190 dia)(CP1461)-		-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
10168	AS62408	1	.Clip (12,70mm(.500)) (CP1461)	-	-	(A)
10172	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP1461)	-	-	(A)(C)
10581	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500)(CP1445)	-	-	(A)
10582	K8831	1	.Washer (.190 dia((CP1445)	-	-	(A)
10584	AS62412	1	.Clip (19,05mm(.750)) (CP1445)	-	-	(A)
10588	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP1445)	-	-	(A)(C)
11142	K8831	1	.Washer (.190 dia)(CP5667)-	-	-	(A)
11150	K8831	1	.Washer (.190 dia)(CP5668)-	-	-	(A)
11166	K8831	1	.Washer (.190 dia) (CP6076)	-	-	(A)
11181	4W0106	1	.Bolt (See Appendix 5)(.190 dia x .688)(CP6121)	-	-	(A)(C)
11182	K8831	1	.Washer (.190 dia)(CP6121)-	-	-	(A)
11184	AS62408	1	.Clip (12,70mm(.500)) (CP6121)	-	-	(A)
11186	UP10478	1	.Spacer (5mm) (CP6121)	-	-	(A)
11188	4W0001	1	.Nut (See Appendix 5)(.190- dia)(CP6121)	-	-	(A)(C)
13125	4W0107	1	.Bolt (See Appendix 5)(.190- dia x .750) (CP6083)	-	4W0106	(C)(1D) (S2)
13126	K8831	2	.Washer (.190 dia)(CP6083)-	-	-	(A)
16158	K8831	2	.Washer (.190 dia)(CP5648)-	-	-	(A)
19174	K8831	2	.Washer (.190 dia)(CP5766)-	-	-	(A)
19525	4W0102	1	.Bolt (See Appendix 5)(.190 dia x .438)(CP6124)	-	-	(A)(C)
19526	K8831	1	.Washer (.190 dia)(CP6124)-	-	-	(A)
19528	AS62408	1	.Clip (12,70mm(.500)) (CP6124)	-	-	(A)
19532	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP6124)	-	-	(A)(C)
19565	4W0120	1	.Bolt (See Appendix 5)(.190- dia x 1.562) (CP6100)	-	4W0119	(C)(1D) (S2)
19566	K8831	2	.Washer (.190 dia) (CP6100)	-	-	(A)
19574	K8831	2	.Washer (.190 dia)(CP6097)-	-	-	(A)
19589	4W0104	1	.Bolt (See Appendix 5)(.190- dia x .562) (CP6123)	-	-	(A)(C)
19590	K8831	2	.Washer (.190 dia) (CP6123)	-	-	(A)
19592	AS62408	1	.Clip (12,70mm(.500)) (CP6123)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
19596	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP6123)	-	-	(A)(C)
20157	4W0102	1	.Bolt (See Appendix 5)(.190 dia x .438)(CP1460)	-	-	(A)(C)
20158	K8831	1	.Washer (.190 dia)(CP1460)-	-	-	(A)
20160	AS62408	1	.Clip (12,70mm(.500)) (CP1460)	-	-	(A)
20164	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP1460)	-	-	(A)(C)
22470	6A8234	1	.Bracket Assy	-	5W0043	(C)(B) (S2)(K)
22500	6A6204	1	.Tube A/O Fuel-ACOC AMV - Discon to Discon	-	6A5351	(C)(B) (S2)(E)
22557	4W0128	1	.Bolt (See Appendix 5)(.190- dia x 2.125) (CP1433)	-	-	(A)(C)
22558	K8831	2	.Washer (.190 dia)(CP1433) -	-	-	(A)
22560	AS62404	1	.Clip (6,35mm(.250)) (CP1433)	-	-	(A)
22562	UP10480	1	.Spacer (15mm) (CP1433) -	-	-	(A)
22563	UP10481	1	.Spacer (20mm) (CP1433) -	-	-	(A)
22564	4W0001	1	.Nut (See Appendix 5) (.190 dia) (CP1433)	-	-	(A)(C)
22568	AS62404	1	.Clip (6,35mm(.250)) (CP1438)	-	-	(A)
22573	4W0114	1	.Bolt (See Appendix 5)(.190- dia x 1.188) (CP1439)	-	-	(A)(C)
22574	K8831	1	.Washer (.190 dia)(CP1439)-	-	-	(A)
22576	AS62404	1	.Clip (6,35mm(.250)) (CP1439)	-	-	(A)
22578	UP10480	1	.Spacer (15mm) (CP1439) -	-	-	(A)
22580	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1439)	-	-	(A)(C)
22581	4W0102	1	.Bolt (See Appendix 5)(.190- dia x .438)(CP1440)	-	-	(A)(C)
22582	K8831	1	.Washer (.190 dia) (CP1440)	-	-	(A)
22584	AS62404	1	.Clip (6,35mm(.250)) (CP1440)	-	-	(A)
22588	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1440)	-	-	(A)(C)
22589	4W0114	1	.Bolt (See Appendix 5)(.190- dia x 1.188) (CP1437)	-	-	(A)(C)
22590	K8831	2	.Washer (.190 dia) (CP1437)	-	-	(A)
22592	AS62404	1	.Clip (6,35mm(.250)) (CP1437)	-	-	(A)
22594	UP10480	1	.Spacer (15mm) (CP1437) -	-	-	(A)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
22596	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP1437)	-	-	(A)(C)
24100	6A6232	1	.Tube A/O Fuel-ACOC AMV to - Discon Tee	-	6A5358	(C)(B) (S2)(E)
24141	4W0117	1	.Bolt (See Appendix 5)(.190- dia x 1.375)(CP1415)	-	-	(A)(C)
24142	K8831	1	.Washer (.190 dia)(CP1415)-	-	-	(A)
24144	AS62404	1	.Clip (6,35mm(.250)) (CP1415)	-	-	(A)
24146	UP10481	1	.Spacer (20mm) (CP1415)	-	-	(A)
24148	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1415)	-	-	(A)(C)
24149	4W0120	1	.Bolt (See Appendix 5)(.190- dia x 1.562)(CP1416)	-	-	(A)(C)
24150	K8831	2	.Washer (.190 dia) (CP1416)-	-	-	(A)
24152	AS62404	1	.Clip (6,35mm(.250)) (CP1416)	-	-	(A)
24154	UP10482	1	.Spacer (25mm) (CP1416)	-	-	(A)
24156	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1416)	-	-	(A)(C)
24160	AS62404	1	.Clip (6,35mm(.250)) (CP1433)	-	-	(A)
24165	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500)(CP1443)	-	-	(A)(C)
24166	K8831	1	.Washer (.190 dia)(CP1443)-	-	-	(A)
24168	AS62404	1	.Clip (6,35mm(.250)) (CP1443)	-	-	(A)
24172	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP1443)	-	-	(A)(C)
24173	4W0111	1	.Bolt (See Appendix 5)(.190- dia x 1.000) (CP1444)	-	-	(A)(C)
24174	K8831	1	.Washer (.190 dia)(CP1444)-	-	-	(A)
24176	AS62404	1	.Clip (6,35mm(.250)) (CP1444)	-	-	(A)
24178	UP10479	1	.Spacer (10mm) (CP1444)	-	-	(A)
24180	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1444)	-	-	(A)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02100	6A6201	1	.Tube A/O Air-P4.9 Disconnect to Bif Panel	-	6A6008	(C)(B) (S2)(E)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02147	4W0110	1	.Bolt (See Appendix 5)(.190- dia x .938) (CP6116)	-	-	(A)(C)
02148	K8831	1	.Washer (.190 dia)(CP6116)	-	-	(A)
02150	AS62404	1	.Clip (6,35mm(.250)) (CP6116)	-	-	(A)
02152	UP10479	1	.Spacer (10mm) (CP6116)	-	-	(A)
02154	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP6116)	-	-	(A)(C)
02155	4W0110	1	.Bolt (See Appendix 5) (.190 dia x .938) (CP6119)	-	-	(A)(C)
02156	K8831	1	.Washer (.190 dia)(CP6119)	-	-	(A)
02158	AS62404	1	.Clip (6,35mm(.250)) (CP6119)	-	-	(A)
02160	UP10479	1	.Spacer (10mm) (CP6119)	-	-	(A)
02162	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP6119)	-	-	(A)(C)
02500	6A6209	1	.Tube A/O Air-P4.9 to EEC- Bif Panel to Discon	-	5A8737	(C)(B) (S2)(E)
02525	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438) (CP1446)	-	4W0103	(C)(1D) (S2)
02526	K8831	1	.Washer (.190 dia)(CP1446)	-	-	(A)
02528	AS62404	1	.Clip (6,35mm(.250)) (CP1446)	-	-	(A)
02532	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1446)	-	-	(A)(C)
02557	4W0108	1	.Bolt (See Appendix 5) (.190 dia x .812) (CP1413)	-	-	(A)(C)
02558	K8831	2	.Washer (.190 dia)(CP1413)	-	-	(A)
02560	AS62404	1	.Clip (6,35mm(.250)) (CP1413)	-	-	(A)
02562	UP10478	1	.Spacer (5mm) (CP1413)	-	-	(A)
02564	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1413)	-	-	(A)(C)
02568	AS62404	1	.Clip (6,35mm(.250)) (CP1415)	-	-	(A)
02574	AS62404	1	.Clip (6,35mm(.250)) (CP1416)	-	-	(A)
02578	4W0111	1	.Bolt (See Appendix 5) (.190 dia x 1.000) (CP1426)	-	-	(A)(C)
02579	K8831	2	.Washer (.190 dia)(CP1426)	-	-	(A)
02581	AS62404	1	.Clip (6,35mm(.250)) (CP1426)	-	-	(A)
02583	UP10479	1	.Spacer (10mm) (CP1426)	-	-	(A)
02585	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1426)	-	-	(A)(C)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02586	4W0102	1	.Bolt (See Appendix 5)(.190 dia x .438) (CP1427)	-	-	(A)(C)
02587	K8831	1	.Washer (.190 dia)(CP1427)	-	-	(A)
02589	AS62404	1	.Clip (6,35mm(.250)) (CP1427)	-	-	(A)
02593	4W0001	1	.Nut (See Appendix 5)(.190 dia) (CP1427)	-	-	(A)(C)
03100	6A6210	1	.Tube A/O Air-P4.9 to EEC Discon to Discon	-	5A9096	(C)(B) (S2)(E)
03133	4W0127	1	.Bolt (See Appendix 5) (.190 dia x 2.000) (CP0582)	-	4W0123	(C)(1D) (S2)
03134	K8831	1	.Washer (.190 dia)(CP0582)	-	5W1086	(C)(1D) (S1)
03138	UP10481	1	.Spacer (20 mm)(CP0582)	-	5W1032	(1D)
03139	UP10479	1	.Spacer (10mm) (CP0582)	-	-	(A)
03180	4W0113	1	.Bolt (See Appendix 5) (.190 dia x 1.125) (CP1428)	-	-	(A)(C)
03181	K8831	1	.Washer (.190 dia)(CP1428)	-	-	(A)
03183	AS62404	1	.Clip (6,35mm(.250)) (CP1428)	-	-	(A)
03185	UP10480	1	.Spacer (15mm) (CP1428)	-	-	(A)
03187	4W0001	1	.Nut (See Appendix 5) (.190-dia) (CP1428)	-	-	(A)(C)
03188	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438) (CP1441)	-	-	(A)(C)
03189	K8831	1	.Washer (.190 dia)(CP1441)	-	-	(A)
03191	AS62404	1	.Clip (6,35mm(.250)) (CP1441)	-	-	(A)
03195	4W0001	1	.Nut (See Appendix 5)(.190 dia) (CP1441)	-	-	(A)(C)
05500	6A6235	1	.Tube A/O Air-PB Discon to-Bif Panel	-	6A6011	(C)(B) (S2)(K)
05525	4W0112	1	.Bolt (See Appendix 5) (.190 dia x 1.062) (CP6095)	-	4W0103	(C)(1D) (S2)
05526	K8831	2	.Washer (.190 dia)(CP6095)	-	-	(A)
05530	UP10479	1	.Spacer (10mm) (CP6095)	-	-	(A)
05532	4W0001	1	.Nut (See Appendix 5)(.190 dia) (CP6095)	-	4W0043	(C)(1D) (S2)
05558	K8831	1	.Washer (.190 dia)(CP5647)	-	-	(A)
05560	TA025022-04	1	.Clamp Loop Style Cushion (6,35mm(.250)) (CP5647)	-	AS62404	(C)(1D) (S1)
05568	TA025022-04	1	.Clamp Loop Style Cushion (6,35mm(.250)) (CP5648)	-	AS62404	(C)(1D) (S1)
05614	UP11152	3	..Bracket Inter Tube Support	-	UP11152	(14D)(P)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
06100	6A6211	1	.Tube A/O Air-Pb to EEC Bif- Panel to Discon		5A8799	(C)(B) (S2)(E)
06128	AS62404	1	.Clip (6,35mm(.250)) (CP1426)	-	-	(A)
06184	AS62404	1	.Clip (6,35mm(.250)) (CP1418)	-	-	(A)
06192	AS62404	1	.Clip (6,35mm(.250)) (CP1420)	-	-	(A)
06500	6A6212	1	.Tube A/O Air-Pb to EEC Discon to Discon	-	5A9093	(C)(B) (S2)(E)
06573	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438) (CP1422)	-	-	(A)(C)
06574	K8831	1	.Washer (.190 dia)(CP1422)	-	-	(A)
06576	AS62404	1	.Clip (6,35mm(.250)) (CP1422)	-	-	(A)
06580	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1422)	-	-	(A)(C)
06581	4W0105	1	.Bolt (See Appendix 5) (.190 dia x .625) (CP1423)	-	-	(A)(C)
06582	K8831	2	.Washer (.190 dia)(CP1423)	-	-	(A)
06584	AS62404	1	.Clip (6,35mm(.250)) (CP1423)	-	-	(A)
06588	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1423)	-	-	(A)(C)
10100	6A6213	1	.Tube A/O Air-P2.5 to EEC- Bif Panel to Discon		6A2126	(C)(B) (S2)(E)
10184	AS62404	1	.Clip (6,35mm(.250)) (CP1428)	-	-	(A)
10192	AS62404	1	.Clip (6,35 mm (.250))(CP1419)	-	-	(A)
10500	6A6214	1	.Tube A/O Air P2.5 Discon- to Discon		-	(C)(B) (S2)(K)
10573	4W0118	1	.Bolt (See Appendix 5) (.190 dia x 1.438) (CP1424)	-	-	(A)(C)
10574	K8831	2	.Washer (.190 dia)(CP1424)	-	-	(A)
10576	AS62404	1	.Clip (6,35mm(.250)) (CP1424)	-	-	(A)
10578	UP10481	1	.Spacer (20mm) (CP1424)	-	-	(A)
10580	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1424)	-	-	(A)(C)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
05573	4W0102	1	.Bolt (See Appendix 5)(.190- dia x .438)(CP6099)	-	-	(A)(C)
05574	K8831	1	.Washer (.190 dia) (CP6099)	-	-	(A)
05576	AS62405	1	.Clip (7,92mm(.312)) (CP6099)	-	-	(A)
05580	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP6099)	-	-	(A)
06100	6A6228	1	.Tube A/O Air-Bif Panel to Discon	-	5A9357	(C)(B) (S2)(E)
06165	4W0113	1	.Bolt (See Appendix 5)(.190- dia x 1.125) (CP1417)	-	-	(A)(C)
06166	K8831	1	.Washer (.190 dia) (CP1417)	-	-	(A)
06168	AS62405	1	.Clip (7,92mm(.312)) (CP1417)	-	-	(A)
06170	UP10480	1	.Spacer (15mm) (CP1417)	-	-	(A)
06172	4W0001	1	.Nut (See Appendix 5)(.190 dia)(CP1417)	-	-	(A)(C)
06176	AS62405	1	.Clip (7.92mm(.312)) (CP1419)	-	-	(A)
06184	AS62405	1	.Clip (7.92mm(.312)) (CP1433)	-	-	(A)
06192	AS62405	1	.Clip (7.92mm(.312)) (CP1439)	-	-	(A)
10062	740-5290 -501	1	.Bracket, Overheat	-	-	(A)(1D) (H)
10064	4W0107	1	.Bolt, Machine Double (CP6120)	-	-	(A)
10065	4W0001	1	.Nut, Option (CP6120)	-	-	(A)
10066	4W0106	1	.Bolt (CP6118)	-	-	(A)
10067	4W0001	2	.Nut, Option (CP6118)	-	-	(A)
10069	TA0250 74-04	1	.Clamp, Loop (CP6120)	-	-	(A)(T)
10069	AS61902	Ref	.Clamp, Loop	-	-	(A)(T)

75-23-48

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02100	6A6227	1	.Tube A/O Air-Solenoid Discon to Discon	-	5A8759	(C)(B) (S2)(K)
02183	400WSS4	1	.Clip (CP0582)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02191	AS62404	1	.Clip (6,35mm(.250)) (CP1424)	—	—	(A)
02500	6A6226	1	.Tube A/O Air-Solenoid Bif Panel to Discon	—	5A9076	(C)(B) (S2)(K)
02544	AS62404	1	.Clip (6,35mm(.250)) (CP1415)	—	—	(A)
02552	AS62404	1	.Clip (6,35mm(.250)) (CP1416)	—	—	(A)
02560	AS62404	1	.Clip (6,35mm(.250)) (CP1428)	—	—	(A)

75-32-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01100	6A6200	1	.Tube A/O Air-HP Air to B.Valve Solenoid Tee to Bif Panel	—	5A9043	(C)(B) (S2)(F)
01176	AS62408	1	.Clip (12,70mm(.500)) (CP6116)	—	—	(A)
01184	AS62408	1	.Clip (12,70mm(.500)) (CP6119)	—	—	(A)
01500	6A6215	1	.Tube A/O Air-Bif Panel to Solenoid Discon	—	5A9067	(C)(B) (S2)(F)
01544	AS62408	1	.Clip (12,70mm(.500)) (CP1414)	—	—	(A)
01552	AS62408	1	.Clip (12,70mm(.500)) (CP1417)	—	—	(A)
01557	4W0107	1	.Bolt (See Appendix 5) (.190 dia x .750) (CP1421)	—	—	(A)(C)
01558	K8831	2	.Washer (.190 dia)(CP1421)	—	—	(A)
01560	AS62408	1	.Clip (12,70(.500)) (CP1421)	—	—	(A)
01562	UP10478	1	.Spacer (5mm) (CP1421)	—	—	(A)
01564	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1421)	—	—	(A)(C)
01568	AS62408	1	.Clip (12,70mm(.500)) (CP1429)	—	—	(A)
01573	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500) (CP1435)	—	—	(A)(C)
01574	K8831	1	.Washer (.190 dia)(CP1435)	—	—	(A)
01575	AS62408	1	.Clip (12,70mm(.500)) (CP1435)	—	—	(A)
01580	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1435)	—	—	(A)(C)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02525	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500) (CP0558)	-	-	(A)(C)
02526	5W1086	1	.Washer (CP0558)	-	-	(A)
02532	4W0043	1	.Nut (See Appendix 5) (.190- dia) (CP0558)	-	-	(A)(C)
04100	6A6222	1	.Tube A/O Air-HP10 Solenoid Discon to Discon	-	6A5330	(C)(B) (S2)(F)
04165	4W0115	1	.Bolt (See Appendix 5) (.190 dia x 1.250) (CP1409)	-	-	(A)(C)
04166	K8831	2	.Washer (.190 dia)(CP1409)	-	-	(A)
04168	AS62404	1	.Clip (6,35mm(.250)) (CP1409)	-	-	(A)
04170	UP10480	1	.Spacer (15mm) (CP1409)	-	-	(A)
04172	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1409)	-	-	(A)(C)
04500	6A6223	1	.Tube A/O Air-HP7 Solenoid Discon to Bif Panel	-	6A5331	(C)(B) (S2)(F)
04536	AS62404	1	.Clip (6,35mm(.250)) (CP1442)	-	400WSS4	(C)(1D) (S1)
04541	4W0115	1	.Bolt (See Appendix 5) (.190 dia x 1.250) (CP1420)	-	-	(A)(C)
04542	K8831	2	.Washer (.190 dia)(CP1420)	-	-	(A)
04544	AS62404	1	.Clip (6,35mm(.250)) (CP1420)	-	-	(A)
04546	UP10480	1	.Spacer (15mm) (CP1420)	-	-	(A)
04548	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1420)	-	-	(A)(C)
04591	4W0114	1	.Bolt (See Appendix 5) (.190 dia x 1.188) (CP1418)	-	-	(A)(C)
04592	K8831	1	.Washer (.190 dia)(CP1418)	-	-	(A)
04594	AS62404	1	.Clip (6,35mm(.250)) (CP1418)	-	-	(A)
04596	UP10480	1	.Spacer (15mm) (CP1418)	-	-	(A)
04598	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1418)	-	-	(A)(C)
08100	6A6220	1	.Tube A/O Air-HP7 Solenoid- Discon to Discon	-	6A5334	(C)(B) (S2)(F)
08185	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438) (CP1434)	-	-	(A)(C)
08186	K8831	1	.Washer (.190 dia)(CP1434)	-	-	(A)
08188	AS62404	1	.Clip (6,35mm(.250)) (CP1434)	-	-	(A)
08192	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1434)	-	-	(A)(C)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
08500	6A6221	1	.Tube A/O Air-HP7 Solenoid Discon to Bif Panel	-	6A5332	(C)(B) (S2)(F)
08568	AS62404	1	.Clip (6,35mm(.250)) (CP1413)	-	-	(A)
08573	4W0114	1	.Bolt (See Appendix 5) (.190 dia x 1.188) (CP1419)	-	-	(A)(C)
08574	K8831	2	.Washer (.190 dia)(CP1419)	-	-	(A)
08576	AS62404	1	.Clip (6,35mm(.250)) (CP1419)	-	-	(A)
08578	UP10480	1	.Spacer (15mm) (CP1419)	-	-	(A)
08580	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1419)	-	-	(A)(C)
08581	4W0114	1	.Bolt (See Appendix 5) (.190 dia x 1.188) (CP1438)	-	-	(A)(C)
08582	K8831	2	.Washer (.190 dia)(CP1438)	-	-	(A)
08584	AS62404	1	.Clip (6,35mm(.250)) (CP1438)	-	-	(A)
08586	UP10480	1	.Spacer (15mm) (CP1438)	-	-	(A)
08588	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1438)	-	-	(A)(C)
08593	AS62404	1	.Clip (6,35mm(.250)) (CP1433)	-	-	(A)
10100	6A6218	1	.Tube A/O Air-HP7 Solenoid Discon to Discon	-	5A9074	(C)(B) (S2)(F)
10141	4W0119	1	.Bolt (See Appendix 5)(.190- dia x 1.50)(CP0583)	-	-	(A)
10142	K8831	1	.Washer (.190 dia)(CP0583)	-	5W1086	(1D)
10146	UP10481	1	.Spacer (20 mm)(CP0583)	-	5W1032	(1D)(S1)
10149	4W0118	1	.Bolt (See Appendix 5) (.190 dia x 1.438) (CP0581)	-	4W0119	(C)(1D) (S2)
10150	K8831	1	.Washer (.190 dia)(CP0581)	-	5W1086	(C)(1D) (S1)
10154	UP10481	1	.Spacer (20 mm)(CP0581)	-	5W1032	(1D)
10184	AS62404	1	.Clip (6,35mm(.250)) (CP1409)	-	-	(A)
10189	4W0107	1	.Bolt (See Appendix 5) (.190 dia x .750) (CP1432)	-	-	(A)(C)
10190	K8831	1	.Washer (.190 dia)(CP1432)	-	-	(A)
10192	AS62404	1	.Clip (6,35mm(.250)) (CP1432)	-	-	(A)
10194	UP10478	1	.Spacer (5mm) (CP1432)	-	-	(A)
10196	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1432)	-	-	(A)(C)
10500	6A6219	1	.Tube A/O Air-HP7 Solenoid Discon to Bif Panel	-	5A8769	(C)(B) (S2)(F)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
10568	AS62404	1	.Clip (6,35mm(.250)) (CP1418)	-	-	(A)
10576	AS62404	1	.Clip (6,35mm(.250)) (CP1420)	-	-	(A)
10581	4W0104	1	.Bolt (See Appendix 5) (.190 dia x .562) (CP1431)	-	-	(A)(C)
10582	K8831	1	.Washer (.190 dia)(CP1431)	-	-	(A)
10584	AS62404	1	.Clip (6,35mm(.250)) (CP1431)	-	-	(A)
10588	4W0001	1	.Nut (See Appendix 5)(.190 dia) (CP1431)	-	-	(A)(C)
11500	6A6216	1	.Tube A/O Air-HP7 Solenoid Discon to Discon	-	6A5338	(C)(B) (S2)(F)
11560	AS62404	1	.Clip (6,35mm(.250)) (CP1409)	-	-	(A)
11568	AS62404	1	.Clip (6,35mm(.250)) (CP1444)	-	-	(A)
12100	6A6217	1	.Tube A/O Air-HP7 Solenoid Discon to Bif Panel	-	5A8745	(C)(B) (S2)(F)
12125	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438) (CP1436)	-	-	(A)(C)
12126	K8831	1	.Washer (.190 dia)(CP1436)	-	-	(A)
12128	AS62404	1	.Clip (6,35mm(.250)) (CP1436)	-	-	(A)
12132	4W0001	1	.Nut (See Appendix 5)(.190 dia) (CP1436)	-	-	(A)(C)
12136	AS62404	1	.Clip (6,35mm(.250)) (CP1437)	-	-	(A)
12144	AS62404	1	.Clip (6,35mm(.250)) (CP1438)	-	400WSS4	(C)(1D) (S1)
12160	AS62404	1	.Clip (6,35mm(.250)) (CP1433)	-	-	(A)
12184	AS62404	1	.Clip (6,35mm(.250)) (CP1419)	-	-	(A)
12192	AS62404	1	.Clip (6,35mm(.250)) (CP1421)	-	-	(A)
13100	6A6198	1	.Tube A/O Air-Bif Panel to Stg.7 B.Valve	-	6A6005	(C)(B) (S2)(F)
13149	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500) (CP5643)	-	-	(A)(C)
13150	K8831	2	.Washer (.190 dia)(CP5643)	-	-	(A)
13152	AS62404	1	.Clip (6,35mm(.250)) (CP5643)	-	-	(A)
13156	4W0001	1	.Nut (See Appendix 5)(.190 dia) (CP5643)	-	-	(A)(C)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
13173	4W0128	1	.Bolt (See Appendix 5) (.190 dia x 2.125) (CP5641)	-	-	(A)(C)
13174	K8831	2	.Washer (.190 dia)(CP5641)	-	-	(A)
13176	AS62404	1	.Clip (6,35mm(.250)) (CP5641)	-	-	(A)
13178	6A4826	1	.Spacer (40mm long) (CP5641)	-	-	(A)
13180	4W0001	1	.Nut (See Appendix 5)(.190 dia) (CP5641)	-	-	(A)(C)
13182	AS62404	1	.Clip (6,35mm(.250)) (CP6121)	-	-	(A)
13184	AS62404	1	.Clip (6,35mm(.250)) (CP6075)	-	-	(A)
14100	6A6199	1	.Tube A/O Air-Bif Panel to Stg.10 B.Valve	-	6A6013	(C)(B) (S2)(F)
14128	AS62404	1	.Clip (6,35mm(.250)) (CP5643)	-	-	(A)
14168	AS62404	1	.Clip (6,35mm(.250)) (CP5641)	-	-	(A)
14173	4W0112	1	.Bolt (See Appendix 5) (.190 dia x 1.062) (CP5675)	-	-	(A)(C)
14174	K8831	1	.Washer (.190 dia)(CP5675)	-	-	(A)
14176	AS62404	1	.Clip (6,35mm(.250)) (CP5675)	-	-	(A)
14179	UP10480	1	.Spacer (15mm) (CP5675)	-	-	(A)
14180	4W0043	1	.Nut (See Appendix 5)(.190 dia) (CP5675)	-	-	(A)(C)
15100	6A6197	1	.Tube A/O Air-Bif Panel to Stg.7 B.Valve	-	6A6012	(C)(B) (S2)(F)
15120	AS62404	1	.Clip (6,35mm(.250)) (CP5675)	-	-	(A)
15144	AS62404	1	.Clip (6,35mm(.250)) (CP5659)	-	-	(A)
15184	AS62404	1	.Clip (6,35mm(.250)) (CP6075)	-	-	(A)
15192	AS62404	1	.Clip (6,35mm(.250)) (CP5595)	-	-	(A)
15582	K8831	1	.Washer (.190 dia)(CP6073)	-	-	(A)
16174	K8831	1	.Washer (.190 dia)(CP6096)	-	-	(A)
16182	K8831	2	.Washer (.190 dia)(CP6098)	-	-	(A)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
04157	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500)(CP1430)	-	-	(A)(C)
04158	K8831	1	.Washer (.190 dia) (CP1430)	-	-	(A)
04160	AS62412	1	.Clip (19,05mm(.750)) (CP1430)	-	-	(A)
04164	4W0001	1	.Nut (See Appendix 5) (.190 dia) (CP1430)	-	-	(A)(C)
04552	AS62412	1	.Clip (19,05mm(.750)) (CP1420)	-	-	(A)
04557	4W0109	1	.Bolt (See Appendix 5)(.190 dia x .875)(CP1457)	-	-	(A)(C)
04558	K8831	1	.Washer (.190 dia) (CP1457)	-	-	(A)
04560	AS62412	1	.Clip (19,05mm(.750)) (CP1457)	-	-	(A)
04562	UP10479	1	.Spacer (10mm) (CP1457)	-	-	(A)
04564	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP1457)	-	-	(A)(C)
10149	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .438)(CP6081)	-	4W0109	(C)(1D) (S2)
10150	K8831	1	.Washer (.190 dia) (CP6081)	-	-	(A)
10157	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500)(CP6122)	-	-	(A)(C)
10158	K8831	1	.Washer (.190 dia)(CP6122)-	-	-	(A)
10160	AS62412	1	.Clip (19,05mm(.750)) (CP6122)	-	-	(A)
10164	4W0001	1	.Nut (See Appendix 5)(.190- dia)(CP6122)	-	-	(A)(C)
11142	K8831	1	.Washer (.190 dia) (CP5660)	-	-	(A)
12133	4W0120	1	.Bolt (See Appendix 5) (.190 dia x 1.562)(CP5659)	-	4W0119	(C)(1D) (S2)
12134	K8831	1	.Washer (.190 dia) (CP5659)	-	-	(A)
12157	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500) (CP6084)	-	4W0102	(C)(1D) (S2)
12158	K8831	2	.Washer (.190 dia)(CP6084)-	-	-	(A)
12164	4W0001	1	.Nut (See Appendix 5) (.190 dia)(CP6084)	-	4W0043	(C)(1D) (S2)
12166	K8831	1	.Washer (.190 dia)(CP6087)-	-	-	(A)
13100	6A6202	1	.Tube A/O Oil-No.4 Brg 4 Way Adaptor to Disconnect	-	6A5396	(C)(B) (S2)(F)
13134	K8831	1	.Washer (.190 dia) (CP5664)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
13149	4W0110	1	.Bolt (See Appendix 5) (.190 dia x .938)(CP6088)	-	4W0102	(C)(1D) (S2)
13150	K8831	1	.Washer (.190 dia)(CP6088)	-	-	(A)
13154	UP10479	1	.Spacer (10mm) (CP6088)	-	-	(A)
13156	4W0001	1	.Nut (See Appendix 5)(.190 dia)(CP6088)	-	4W0043	(C)(1D) (S2)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01090	6A8173	1	.Bracket Clipping	-	-	(A)(C) (K)
01110	4W2622	41	.Washer(See Appendix 5)	-	4W2622	(8D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01500	6A6196	1	.Tube A/O Oil-No.5 Brg Scav Disconnect to Bif Panel	-	5R8141	(C)(B) (S2)(F)
01541	4W0117	1	.Bolt (See Appendix 5) (.190 dia x 1.375) (CP5224)	-	4W0116	(C)(1D) (S2)
01542	K8831	2	.Washer (.190 dia)(CP5224)	-	-	(A)
02100	6A6208	1	.Tube A/O Oil-No.5 Brg Bif Panel to Scav Discon	-	5A9085	(C)(B) (S2)(F)
02149	4W0107	1	.Bolt (See Appendix 5) (.190 dia x .750) (CP1429)	-	-	(A)(C)
02150	K8831	1	.Washer (.190 dia)(CP1429)	-	-	(A)
02152	AS62412	1	.Clip (19,05mm(.750)) (CP1429)	-	-	(A)
02154	UP10478	1	.Spacer (5mm) (CP1429)	-	-	(A)
02156	4W0001	1	.Nut (See Appendix 5)(.190 dia) (CP1429)	-	-	(A)(C)
03100	6A6195	1	.Tube A/O Oil-No.4 Brg Scav Dif Case to Bif Panel	-	6A5367	(C)(B) (S2)(F)
03160	AS62416	1	.Clip (25,40mm(1.000))(CP6095)	-	-	(A)
04100	6A6206	1	.Tube A/O Oil-No.4 Brg Discon to Discon	-	5A9083	(C)(B) (S2)(F)
04141	4W0104	1	.Bolt (See Appendix 5) (.190 dia x .562) (CP1407)	-	-	(A)(C)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
04142	K8831	1	.Washer (.190 dia)(CP1407)	-	-	(A)
04144	AS62424	1	.Clip (38,10mm(1.500)) (CP1407)	-	-	(A)
04148	4W0001	1	.Nut (See Appendix 5)(.190 dia) (CP1407)	-	-	(A)(C)
04149	4W0104	1	.Bolt (See Appendix 5) (.190 dia x .562) (CP1411)	-	-	(A)(C)
04150	K8831	1	.Washer (.190 dia)(CP1411)	-	-	(A)
04152	AS62424	1	.Clip (38,10mm(1.500)) (CP1411)	-	-	(A)
04156	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1411)	-	-	(A)(C)
04157	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500) (CP1412)	-	-	(A)(C)
04158	K8831	1	.Washer (.190 dia)(CP1412)	-	-	(A)
04160	AS62424	1	.Clip (38,10mm(1.500)) (CP1412)	-	-	(A)
04164	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1412)	-	-	(A)(C)
04165	4W0104	1	.Bolt (See Appendix 5) (.190 dia x .562) (CP1453)	-	-	(A)(C)
04166	K8831	1	.Washer (.190 dia)(CP1453)	-	-	(A)
04168	AS62416	1	.Clip (25,40mm(1.000)) (CP1453)	-	-	(A)
04172	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1453)	-	-	(A)(C)
04500	6A6205	1	.Tube A/O Oil-No.4 Brg Discon to Scav Valve	-	5A9084	(C)(B) (S2)(F)
05100	6A6207	1	.Tube A/O Oil-No.4 Brg Scav 'T' to Press Trans	-	5A8573	(C)(B) (S2)(F)
05149	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500) (CP1425)	-	-	(A)(C)
05150	K8831	1	.Washer (.190 dia)(CP1425)	-	-	(A)
05152	AS62404	1	.Clip (6,35mm(.250)) (CP1425)	-	-	(A)
05156	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1425)	-	-	(A)(C)
12100	740-5793 -513	1	.Tube Assy, Oil Pressure	-	745-5793 -501	(C)(B) (S2)(H)
12162	4W0103	1	.Bolt (CP1406)	-	-	(A)
12163	SP154D	1	.Washer (CP1406)	-	-	(A)
12164	400WSS4	1	.Clip,Loop Type (CP1406)	-	-	(A)
12166	4W0001	1	.Nut,Option (CP1406)	-	-	(A)
12169	400WSS4	1	.Clip,Loop Type (CP1464)	-	-	(A)(C)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	INSTR DISP
10080	MKVA579008801	Ref	.Modkit	(E)
10085	MKVA579008802	Ref	.Modkit	(F)
10095	MKVA579008804	Ref	.Modkit	(K)
10100	MKVA579008805	Ref	.Modkit	(L)
10105	MKVA579008806	Ref	.Modkit	(M)
30040	V255790088-551	Ref	.Mod Kit Reroute EBU	(H)
30045	V255790088-553	Ref	.Mod Kit Reroute EBU	(J)
40010	2A3892	Ref	.Parts Kit	(N)

36-11-47

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01100	6A5391	1	.Tube A/0-Air	-	6A2136	(B)(1D) (S2)(L)
01149	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438) (CP6094)	-	-	(A)
01150	K8831	1	.Washer (.190 dia)(CP6094)	-	-	(A)
01152	AS62404	1	.Clip (635mm(.250)) (CP6094)	-	-	(A)
01156	4W0001	1	.Nut (See Appendix 5)(.190 dia) (CP6094)	-	-	(A)
01160	AS62404	1	.Clip (635mm(.250)) (CP6095)	-	-	(A)
01168	AS62404	1	.Clip (635mm(.250)) (CP6097)	-	-	(A)
01214	UP11152	2	.Bracket Inter Tube Support	-	LK39602	(1D)(S1)
01500	6A6224	1	.Tube A/0 Air-Bif Panel to Discon	-	6A2139	(B)(1D) (S2)(E)
01528	AS62404	1	.Clip (635mm(.250)) (CP1418)	-	-	(A)
01536	AS62404	1	.Clip (635mm(.250)) (CP1431)	-	-	(A)
02500	6A6225	1	.Tube A/0 Air-Discon to Discon	-	6A2138	(B)(1D) (S2)(E)
02560	AS62404	1	.Clip (635mm(.250)) (CP1409)	-	-	(A)
02568	AS62404	1	.Clip (635mm(.250)) (CP1432)	-	-	(A)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02787	4W0104	1	.Bolt (See Appendix 5) - (.190 dia x .562) (CP1442)	-	-	(A)
02788	K8831	2	.Washer (.190 dia)(CP1442)-	-	-	(A)
02790	AS62515	1	.Clamp Loop Assy Elec - Harnes (2383mm(.938)) (CP1442)	-	-	(A)
02794	4W0001	1	.Nut (See Appendix 5) - (.190 dia) (CP1442)	-	-	(A)
02795	4W0165	1	.Bolt (See Appendix 5)(.250 dia x .688) (CP1447)	-	-	(A)
02796	5W1088	1	.Washer (CP1447)	-	-	(A)
02798	FEC3002 -24B	1	.Clip (CP1447)	-	-	(A)
02802	4W0002	1	.Nut (See Appendix 5) (.250- dia) (CP1447)	-	-	(A)
02803	4W0165	1	.Bolt (See Appendix 5) - (.250 dia x .688) (CP1448)	-	-	(A)
02804	5W1088	1	.Washer (CP1448)	-	-	(A)
02806	FEC3002 -24B	1	.Clip (CP1448)	-	-	(A)
02810	4W0002	1	.Nut (See Appendix 5)(.250 - dia) (CP1448)	-	-	(A)
02811	4W0165	1	.Bolt (See Appendix 5) - (.250 dia x .688) (CP1449)	-	-	(A)
02812	5W1088	1	.Washer (CP1449)	-	-	(A)
02814	FEC3002 -24B	1	.Clip (CP1449)	-	-	(A)
02818	4W0002	1	.Nut (See Appendix 5)(.250- dia) (CP1449)	-	-	(A)
02819	4W0165	1	.Bolt (See Appendix 5)(.250 dia x .688) (CP1450)	-	-	(A)
02820	5W1088	1	.Washer (CP1450)	-	-	(A)
02822	FEC3002 -24B	1	.Clip (CP1450)	-	-	(A)
02826	4W0002	1	.Nut (See Appendix 5) (.250- dia) (CP1450)	-	-	(A)
02827	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500)(CP1451)	-	-	(A)
02828	K8831	1	.Washer (.190 dia)(CP1451) -	-	-	(A)
02830	AS62515	1	.Clamp Loop Assy Elec - Harnes (2383mm(.938)) (CP1451)	-	-	(A)
02835	4W0103	1	.Bolt (See Appendix 5)(.190 dia x .500)(CP1452)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02836	K8831	1	.Washer (.190 dia) (CP1452)	-	-	(A)
02838	AS62515	1	.Clamp Loop Assy Elec Harnes (2383mm(.938)) (CP1452)	-	-	(A)
02842	4W0001	1	.Nut (See Appendix 5)(.190- dia)(CP1452)	-	-	(A)
02843	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500)(CP1456)	-	-	(A)
02844	K8831	1	.Washer (.190 dia)(CP1456)-	-	-	(A)
02846	AS61915	1	.Clamp Loop Style Cushion - (2697mm(1.062)) (CP1456)	-	-	(A)
02849	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP1456)	-	-	(A)
02859	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500)(CP1458)	-	-	(A)
02860	K8831	1	.Washer (.190 dia) (CP1458)	-	-	(A)
02862	AS61915	1	.Clamp Loop Style Cushion (2697mm(1.062)) (CP1458)	-	-	(A)
02866	4W0001	1	.Nut (See Appendix 5)(.190- dia) (CP1458)	-	-	(A)
02867	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500)(CP1459)	-	-	(A)
02868	K8831	1	.Washer (.190 dia)(CP1459) -	-	-	(A)
02870	AS61915	1	.Clamp Loop Style Cushion (2697mm(1.062)) (CP1459)	-	-	(A)
02874	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1459)	-	-	(A)
02875	4W0107	1	.Bolt (See Appendix 5)(.190 dia x .750)(CP1462)	-	-	(A)
02876	4W2621	3	.Washer (See Appendix 5) - (CP1462)	-	-	(A)
02878	AS61915	1	.Clamp Loop Style Cushion (2697mm(1.062)) (CP1462)	-	-	(A)
02882	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1462)	-	-	(A)
02891	4W0117	1	.Bolt (See Appendix 5)(.190- dia x 1.375)(CP1464)	-	-	(A)
02892	K8831	1	.Washer (.190 dia) (CP1464)	-	-	(A)
02894	AS61915	1	.Clamp Loop Style Cushion - (2697mm(1.062)) (CP1464)	-	-	(A)
02896	UP10481	1	.Spacer (20mm) (CP1464) -	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02898	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP1464)	-	-	(A)
02899	4W0114	1	.Bolt (See Appendix 5)(.190- dia x 1.188)(CP1465)	-	-	(A)
02900	K8831	2	.Washer (.190 dia)(CP1465)-	-	-	(A)
02902	AS61915	1	.Clamp Loop Style Cushion - (2697mm(1.062)) (CP1465)	-	-	(A)
02904	UP10480	1	.Spacer (15mm) (CP1465)	-	-	(A)
02906	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1465)	-	-	(A)

71-51-43

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01490	4W0103	1	.Bolt (CP1408)	-	-	(A)
01491	SP154D	1	.Washer (CP1408)	-	-	(A)
01493	AS61908	1	.Clamp, Loop (CP1408)	-	-	(A)
01493	TA0250 74-10	Ref	.Clamp, Loop (CP1408)	-	-	(A)
01497	4W0001	1	.Nut, Option (CP1408)	-	-	(A)

71-51-44

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01095	K8831	1	.Washer (.190 dia)(CP5595)-	-	5W1086	(1D)
01097	AS62501	1	.Clamp Loop Assy Elec Harness (157mm(.062)) (CP5595)	-	TA0250 74-01	(1D)(S1)
01099	LK42781	1	.Spacer (CP5595)	-	5W1033	(1D)
01100	LK68463	1	.Spacer (CP5595)	-	-	(A)
01150	4W0107	1	.Bolt (See Appendix 5)(.190 dia x .750)(CP5713)	-	4W0105	(1D)(S2)
01151	K8831	2	.Washer (.190 dia)(CP5713)-	-	5W1086	(1D)
01153	AS62508	1	.Clamp Loop Assy Elec Harness (1270mm(.500)) (CP5713)	-	TA0250 74-09	(1D)(S2)
01155	LK64582	1	.Spacer (CP5713)	-	-	(A)
01158	4W0104	1	.Bolt (See Appendix 5)(.190 dia x .562)(CP5714)	-	4W0109	(1D)(S2)
01159	K8831	2	.Washer (.190 dia) (CP5714)	-	5W1086	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01161	AS62509	1	.Clamp Loop Assy Elec Harness (1427mm(.562)) (CP5714)	-	TA0250 74-09	(1D)(S2)
01286	4W0102	1	.Bolt (See Appendix 5)(.190 dia x .438) (CP6072)	-	-	(A)
01287	5W1086	1	.Washer (CP6072)	-	-	(A)
01289	AS62501	1	.Clamp Loop Assy Elec Harness (157mm(.062)) (CP6072)	-	-	(A)
01293	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP6072)	-	-	(A)
01294	4W0113	1	.Bolt (See Appendix 5)(.190- dia x 1.125)(CP6074)	-	-	(A)
01295	K8831	1	.Washer (.190 dia)(CP6074)	-	-	(A)
01297	AS62501	1	.Clamp Loop Assy Elec Harness (157mm(.062)) (CP6074)	-	-	(A)
01299	LK42781	1	.Spacer (CP6074)	-	-	(A)
01326	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500)(CP1414)	-	-	(A)
01327	K8831	1	.Washer (.190 dia)(CP1414)	-	-	(A)
01329	AS62503	1	.Clamp Loop Style Cushion (477mm(.188)) (CP1414)	-	-	(A)
01333	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP1414)	-	-	(A)
01337	AS62503	1	.Clamp Loop Style Cushion (477mm(.188)) (CP1421)	-	-	(A)
01345	AS62507	1	.Clamp Loop Style Cushion (1113mm(.438)) (CP6123)	-	-	(A)

71-51-50

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01100	6A6237	1	.Tube A/0 Raceway-Fancase-	-	6A5105	(B)(1D) (S2)(E)
01177	AS62408	1	.Clip (1270mm(.500)) (CP1464)	-	-	(A)
01500	6A6233	1	.Tube A/0 Raceway-Fancase-	-	-	(A)(C) (E)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01536	AS62408	1	.Clip (1270mm(.500)) (CP1424)	-	-	(A)
01700	6A6231	1	.Tube A/O Raceway-Fancase-	-	-	(A)(C) (E)
01710	4W0102	1	.Bolt (See Appendix 5)(.190- dia x .438) (CP0556)	-	-	(A)
01712	4W0043	1	.Nut (See Appendix 5)(.190 - dia) (CP0556)	-	-	(A)
01728	AS62416	1	.Clip (2540mm(1.000)) (CP0558)	-	-	(A)

71-52-42

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01080	4W0102	1	.Bolt, Machine Double (CP6126)	-	-	(A)
01081	SP154D	1	.Washer (CP6126)	-	-	(A)
01083	TA0250 74-05	1	.Clamp, Loop (CP6126)	-	-	(A)(T)
01083	AS61903	Ref	.Clamp, Loop (CP6126)	-	-	(A)(T)
01087	4W0001	1	.Nut, Option (CP6126)	-	-	(A)

71-52-43

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01005	6A8171	1	.Harness Assy EEC Core	-	6A5554	(B)(1D) (S2)(K)
01118	4W0111	1	.Bolt (See Appendix 5)(.190- dia x 1.000) (CP5679)	-	4W0115	(1D)(S2)
01534	4W0109	1	.Bolt (See Appendix 5)(.190- dia x .875) (CP6082)	-	-	(A)
01535	K8831	1	.Washer (.190 dia)(CP6082)	-	-	(A)
01537	AS62507	1	.Clamp Loop Style Cushion - (1113mm(.438)) (CP6082)	-	-	(A)
01539	LK69353	1	.Spacer (CP6082)	-	-	(A)
01541	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP6082)	-	-	(A)
01545	AS62502	1	.Clamp Loop Style Cushion - (317mm(0.125)) (CP6073)	-	-	(A)
01561	AS62507	1	.Clamp Loop Style Cushion - (1113mm(.438)) (CP6083)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01570	AS62507	1	.Clamp Loop Style Cushion - (1113mm(.438)) (CP5641)	-	-	(A)
01575	4W0115	1	.Bolt (See Appendix 5)(.190- dia x 1.250) (CP6110)	-	-	(A)
01576	K8831	1	.Washer (.190 dia)(CP6110)	-	-	(A)
01578	AS62515	1	.Clamp Loop Assy Elec Harnes (2383mm(.938)) (CP6110)	-	-	(A)
01580	UP10481	1	.Spacer (20mm) (CP6110)	-	-	(A)
01582	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP6110)	-	-	(A)
01583	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500) (CP6114)	-	-	(A)
01584	K8831	1	.Washer (.190 dia)(CP6114)	-	-	(A)
01586	AS62515	1	.Clamp Loop Assy Elec Harnes (2383mm(.938)) (CP6114)	-	-	(A)
01590	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP6114)	-	-	(A)

71-52-45

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01150	4W0108	1	.Bolt (See Appendix 5)(.190 dia x .812)(CP5553)	-	4W0103	(1D)(S2)
01155	LK69353	1	.Spacer (CP5553)	-	-	(A)
01262	4W0102	1	.Bolt (See Appendix 5)(.190 dia x .438)(CP6085)	-	-	(A)
01263	K8831	1	.Washer (.190 dia)(CP6085)	-	-	(A)
01265	TA02100 46FT05	1	.Clip (CP6085)	-	-	(A)
01269	4W0043	1	.Nut (See Appendix 5)(.190- dia)(CP6085)	-	-	(A)
01270	4W0113	1	.Bolt (See Appendix 5)(.190 dia x 1.125)(CP6086)	-	-	(A)
01271	K8831	1	.Washer (.190 dia)(CP6086)	-	-	(A)
01273	TA02100 46FT05	1	.Clip (CP6086)	-	-	(A)
01275	LK42781	1	.Spacer (CP608)	-	-	(A)
01277	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP6086)	-	-	(A)

71-52-50



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
05100	6A6230	1	.Tube A/O Raceway-Core	-	6A2134	(B)(1D) (S2)(E)
05102	4W0102	1	.Bolt (See Appendix 5)(.190- dia x .438) (CP5676)		4W0104	(1D)(S2)
05133	4W0102	1	.Bolt (See Appendix 5)(.190- dia x .438) (CP6104)		-	(A)
05136	4W0043	1	.Nut (See Appendix 5)(.190 - dia) (CP6104)		-	(A)
05512	AS62408	1	.Clip (1270mm(.500)) (CP5713)	-	400WSS8	(1D)

71-71-48

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
03400	740-5688 -513	1	.Tube Assy, Drain	-	745-5688 -501	(C)(B) (S2)(H)

71-71-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01500	740-5277 -509	1	.Tube Assy, Drain	-	740-5277 -507	(C)(B) (S2)(H)
01550	4W0103	1	.Bolt (CP6111)	-	-	(A)
01551	SP154D	1	.Washer (CP6111)	-	-	(A)
01553	400WSS4	1	.Clip, Loop Type (CP6111)	-	-	(A)
01557	4W0001	1	.Nut, Option (CP6111)	-	-	(A)
02100	745-5279 -503	1	.Tube Assy, Drain (CP0841)-	-	745-5279 -501	(B)(1D) (S2)(J)
02141	AS21414	1	.Bolt (CP5831)	-	4W0103	(1D)
02143	ST1698D48	1	.Spacer (10mm) (CP5831)	-	-	(A)
02500	740-5278 -511	1	.Tube Assy, Drain	-	740-5278 -509	(C)(B) (S2)(H)
02533	AS21414	1	.Bolt (CP5832)	-	AS21418	(1D)
02538	ST1698D48	1	.Spacer (10mm) (CP5832)	-	ST1698D49	(1D)(S2)
02560	400WSS4	1	.Clip, Loop Type (CP5670)	-	-	(A)
02570	4W0106	1	.Bolt (CP6109)	-	-	(A)
02571	SP154D	1	.Washer (CP6109)	-	-	(A)
02573	400WSS4	1	.Clip, Loop Type (CP6109)	-	-	(A)
02575	ST1698D47	1	.Spacer (5 mm)(CP6109)	-	-	(A)
02577	4W0001	1	.Nut, Option (CP6109)	-	-	(A)
02583	400WSS4	1	.Clip, Loop Type (CP6095)	-	-	(A)



72-38-25

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01270	6A8165	1	.Bracket	-	-	(A)(K)
01300	6A7930	1	.Panel Assy, Bifurcation	-	6A4624	(B)(C) (S2)(K)

72-41-00

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
03320	6A5749	1	.Bracket Clipping	-	5W8396	(B)(1D) (S2)(M)
03575	6A5748	1	.Bracket Clipping	-	-	(A)(C) (M)

72-41-34

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01720	6A5825	1	.Bracket Clipping	-	5W0088	(B)(1D) (S2)(M)

72-42-20

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02220	2A3817	1	.Lock, No.4 Brg Scav Tube	-	2A0346	(B)(C) (N)(S2)
02300	2A3816	1	.Gasket, No.4 Brg Scav Tube	-	2A2927	(B)(C) (N)(S2)
02340	2A3818	1	.Elbow, Tube to Boss Assy	-	2A1977	(B)(C) (N)(S2)

73-11-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
09165	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500) (CP6078)	-	-	(A)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
09166	K8831	1	.Washer (.190 dia)(CP6078) -	-	-	(A)
09168	AS62412	1	.Clip (1905mm(.750)) (CP6078)	-	-	(A)
09172	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP6078)	-	-	(A)
09173	4W0122	1	.Bolt (See Appendix 5)(.190- dia x 1.688) (CP6075)	-	-	(A)
09174	K8831	1	.Washer (.190 dia)(CP6075) -	-	-	(A)
09176	AS62412	1	.Clip (1905mm(.750)) (CP6075)	-	-	(A)
09177	UP10479	1	.Spacer (10mm) (CP6075)	-	-	(A)
09178	UP10479	1	.Spacer (10mm) (CP6075)	-	-	(A)
09179	UP10478	1	.Spacer (5mm) (CP6075)	-	-	(A)
09180	4W0001	1	.Nut (See Appendix 5) -(.190dia) (CP6075)	-	-	(A)
09181	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500) (CP6113)	-	4W0107	(1D)(S2)
09182	K8831	1	.Washer (.190 dia)(CP6113) -	-	-	(A)
09184	AS62412	1	.Clip (1905mm(.750)) (CP6113)	-	AS62412	(C)
09188	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP6113)	-	4W0001	(C)
09189	4W0110	1	.Bolt (See Appendix 5)(.190- dia x .938) (CP6079)	-	-	(A)
09190	K8831	1	.Washer (.190 dia)(CP6079) -	-	-	(A)
09192	AS62412	1	.Clip (1905mm(.750)) (CP6079)	-	-	(A)
09194	UP10479	1	.Spacer (10mm) (CP6079)	-	-	(A)
09196	4W0043	1	.Nut (See Appendix 5)(.190 - dia) (CP6079)	-	-	(A)
10165	4W0102	1	.Bolt (See Appendix 5)(.190- dia x .438) (CP1461)	-	-	(A)
10166	K8831	1	.Washer (.190 dia)(CP1461) -	-	-	(A)
10168	AS62408	1	.Clip (1270mm(.500)) (CP1461)	-	-	(A)
10172	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1461)	-	-	(A)
10581	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500) (CP1445)	-	-	(A)
10582	K8831	1	.Washer (.190 dia)(CP1445) -	-	-	(A)
10584	AS62412	1	.Clip (1905mm(.750)) (CP1445)	-	-	(A)
10588	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1445)	-	-	(A)
11100	6A5392	1	.Tube A/O-Fuel	-	6A2143	(B)(S2) (L)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
11141	4W0102	1	.Bolt (See Appendix 5)(.190- dia x .438) (CP5667)		4W0103	(1D)(S2)
11144	AS62408	1	.Clip (1270mm(.500)) (CP5667)	-	400WSS8	(1D)
11149	4W0130	1	.Bolt (See Appendix 5)(.190- dia x 2.375) (CP5668)		4W0123	(1D)(S2)
11152	AS62408	1	.Clip (1270mm(.500)) (CP5668)	-	400WSS8	(1D)
11154	LK65478	1	.Spacer (CP5668)	-	UP10480	(1D)(4D)
11155	LK42781	1	.Spacer (CP5668)	-	-	(A)
11165	4W0102	1	.Bolt (See Appendix 5)(.190- dia x .438) (CP6076)		-	(A)
11166	K8831	1	.Washer (.190 dia)(CP6076)	-	-	(A)
11168	AS62408	1	.Clip (1270mm(.500)) (CP6076)	-	-	(A)
11172	4W0043	1	.Nut (See Appendix 5)(.190 - dia) (CP6076)		-	(A)
11181	4W0106	1	.Bolt (See Appendix 5)(.190- dia x .688) (CP6121)		-	(A)
11182	K8831	1	.Washer (.190 dia)(CP6121)	-	-	(A)
11184	AS62408	1	.Clip (1270mm(.500)) (CP6121)	-	-	(A)
11186	UP10478	1	.Spacer (5mm) (CP6121)	-	-	(A)
11188	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP6121)		-	(A)
13125	4W0107	1	.Bolt (See Appendix 5)(.190- dia x .750) (CP6083)		-	(A)
13126	K8831	2	.Washer (.190 dia)(CP6083)	-	-	(A)
13128	AS62406	1	.Clip (952mm(.375)) (CP6083)	-	-	(A)
13130	LK64582	1	.Spacer (CP6083)	-	-	(A)
13132	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP6083)		-	(A)
16157	4W0128	1	.Bolt (See Appendix 5)(.190- dia x 2.125) (CP5648)		4W0117	(1D)(S2)
16160	AS62405	1	.Clip (7.92mm(.312)) (CP5648)	-	400WSS5	(1D)
16161	LK42781	1	.Spacer (CP5648)	-	-	(A)
16162	LK42781	1	.Spacer (CP5648)	-	UP10480	(1D)
16163	LK64582	1	.Spacer (CP5648)	-	-	(A)
18136	AS62405	1	.Clip (7.92mm(.312)) (CP5670)	-	400WSS5	(1D)
19173	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500)(CP5766)		4W0108	(1D)(S2)
19176	AS62406	1	.Clip (9,52 mm (.375))(CP5766)	-	400WSS6	(1D)(S2)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
19525	4W0102	1	.Bolt (See Appendix 5)(.190- dia x .438) (CP6124)	-	-	(A)
19526	K8831	1	.Washer (.190 dia)(CP6124)	-	-	(A)
19528	AS62408	1	.Clip (1270mm(.500)) (CP6124)	-	-	(A)
19532	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP6124)	-	-	(A)
19536	AS62408	1	.Clip (1270mm(.500)) (CP5668)	-	400WSS8	(1D)
19565	4W0120	1	.Bolt (See Appendix 5)(.190- dia x 1.562) (CP6100)	-	-	(A)
19566	K8831	2	.Washer (.190 dia)(CP6100)	-	-	(A)
19568	AS62408	1	.Clip (1270mm(.500)) (CP6100)	-	-	(A)
19570	LK42781	1	.Spacer (CP6100)	-	-	(A)
19571	LK69353	1	.Spacer (CP6100)	-	-	(A)
19572	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP6100)	-	-	(A)
19573	4W0113	1	.Bolt (See Appendix 5)(.190- dia x 1.125) (CP6097)	-	-	(A)
19574	K8831	2	.Washer (.190 dia)(CP6097)	-	-	(A)
19576	AS62408	1	.Clip (1270mm(.500)) (CP6097)	-	-	(A)
19578	LK42781	1	.Spacer (CP6097)	-	-	(A)
19580	4W0001	1	.Nut (See Appendix 5)(.190- dia) (CP6097)	-	-	(A)
19589	4W0104	1	.Bolt (See Appendix 5)(.190- dia x .562) (CP6123)	-	-	(A)
19590	K8831	2	.Washer (.190 dia)(CP6123)	-	-	(A)
19592	AS62408	1	.Clip (1270mm(.500)) (CP6123)	-	-	(A)
19596	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP6123)	-	-	(A)
20157	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438) (CP1460)	-	-	(A)
20158	K8831	1	.Washer (.190 dia)(CP1460)	-	-	(A)
20160	AS62408	1	.Clip (1270mm(.500)) (CP1460)	-	-	(A)
20164	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1460)	-	-	(A)
22470	6A8234	1	.Bracket Assy.	-	5W0043	(B)(1D) (S2)(K)
22500	6A6204	1	.Tube A/O Fuel-ACOC AMV Discon to Discon	-	5R8102	(B)(1D) (S2)(E)
22557	4W0128	1	.Bolt (See Appendix 5)(.190- dia x 2.125) (CP1433)	-	-	(A)
22558	K8831	2	.Washer (.190 dia)(CP1433)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
22560	AS62404	1	.Clip (635mm(.250)) (CP1433)	-	-	(A)
22562	UP10480	1	.Spacer (15mm) (CP1433)	-	-	(A)
22563	UP10481	1	.Spacer (20mm) (CP1433)	-	-	(A)
22564	4W0001	1	.Nut (See Appendix 5)(.190- dia) (CP1433)	-	-	(A)
22568	AS62404	1	.Clip (635mm(.250)) (CP1438)	-	-	(A)
22573	4W0114	1	.Bolt (See Appendix 5)(.190- dia x 1.188) (CP1438)	-	-	(A)
22574	K8831	1	.Washer (.190dia)(CP1438)	-	-	(A)
22576	AS62404	1	.Clip (635mm(.250)) (CP1438)	-	-	(A)
22578	UP10480	1	.Spacer (15mm) (CP1438)	-	-	(A)
22580	4W0001	1	.Nut (See Appendix 5) (.190- dia) (CP1438)	-	-	(A)
22581	4W0102	1	.Bolt (See Appendix 5)(.190- dia x .438) (CP1440)	-	-	(A)
22582	K8831	1	.Washer (.190 dia)(CP1440)	-	-	(A)
22584	AS62404	1	.Clip (635mm(.250)) (CP1440)	-	-	(A)
22588	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1440)	-	-	(A)
22589	4W0114	1	.Bolt (See Appendix 5) (.190 dia x 1.188) (CP1437)	-	-	(A)
22590	K8831	2	.Washer (.190 dia)(CP1437)	-	-	(A)
22592	AS62404	1	.Clip (635mm(.250)) (CP1437)	-	-	(A)
22594	UP10480	1	.Spacer (15mm) (CP1437)	-	-	(A)
22596	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1437)	-	-	(A)
24100	6A6232	1	.A/O Fuel-ACOC AMV to Discon Tee	-	5R8130	(B)(1D) (S2)(E)
24141	4W0117	1	.Bolt (See Appendix 5)(.190- dia x 1.375) (CP1415)	-	-	(A)
24142	K8831	1	.Washer (.190 dia)(CP1415)	-	-	(A)
24144	AS62404	1	.Clip (635mm(.250)) (CP1415)	-	-	(A)
24146	UP10481	1	.Spacer (20mm) (CP1415)	-	-	(A)
24148	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1415)	-	-	(A)
24149	4W0120	1	.Bolt (See Appendix 5)(.190- dia x 1.562) (CP1416)	-	-	(A)
24150	K8831	2	.Washer (.190 dia)(CP1416)	-	-	(A)
24152	AS62404	1	.Clip (635mm(.250)) (CP1416)	-	-	(A)
24154	UP10482	1	.Spacer (25mm) (CP1416)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
24156	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1416)	-	-	(A)
24160	AS62404	1	.Clip (635mm(.250)) (CP1433)	-	-	(A)
24165	4W0103	1	.Bolt (See Appendix 5)(.190- dia x .500) (CP1443)	-	-	(A)
24166	K8831	1	.Washer (.190 dia)(CP1443)	-	-	(A)
24168	AS62404	1	.Clip (635mm(.250)) (CP1443)	-	-	(A)
24172	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1443)	-	-	(A)
24173	4W0111	1	.Bolt (See Appendix 5)(.190- dia x 1.000) (CP1444)	-	-	(A)
24174	K8831	1	.Washer (.190 dia)(CP1444)	-	-	(A)
24176	AS62404	1	.Clip (635mm(.250)) (CP1444)	-	-	(A)
24178	UP10479	1	.Spacer (10mm) (CP1444)	-	-	(A)
24180	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1444)	-	-	(A)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02100	6A6201	1	.Tube A/O Air-P4.9 Disconnect to Bif Panel	-	5A9059	(B)(1D) (S2)(E)
02147	4W0110	1	.Bolt (See Appendix 5)(.190- dia x .938) (CP6116)	-	-	(A)
02148	K8831	1	.Washer (.190 dia)(CP6116)	-	-	(A)
02150	AS62404	1	.Clip (635mm(.250)) (CP6116)	-	-	(A)
02152	UP10479	1	.Spacer (10mm) (CP6116)	-	-	(A)
02154	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP6116)	-	-	(A)
02155	4W0110	1	.Bolt (See Appendix 5)(.190- dia x .938) (CP6119)	-	-	(A)
02156	K8831	1	.Washer (.190 dia)(CP6119)	-	-	(A)
02158	AS62404	1	.Clip (635mm(.250)) (CP6119)	-	-	(A)
02160	UP10479	1	.Spacer (10mm) (CP6119)	-	-	(A)
02162	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP6119)	-	-	(A)
02500	6A6209	1	.Tube A/O Air-P4.9 to EEC- Bif Panel to Discon	-	5A8737	(B)(1D) (S2)(E)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02525	4W0102	1	.Bolt (See Appendix 5)(.190- dia x .438)(CP1446)	-	-	(A)
02578	4W0111	1	.Bolt (See Appendix 5)(.190- dia x 1.00)(CP1426)	-	-	(A)
02579	K8831	2	.Washer (.190 dia)(CP1426)	-	-	(A)
02581	AS62404	1	.Clip (635mm(.250)) (CP1426)	-	-	(A)
02583	UP10479	1	.Spacer (10mm) (CP1426)	-	-	(A)
02585	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1426)	-	-	(A)
02526	K8831	1	.Washer (.190 dia)(CP1446)	-	-	(A)
02528	AS62404	1	.Clip (635mm(.250)) (CP1446)	-	-	(A)
02532	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1446)	-	-	(A)
02557	4W0108	1	.Bolt (See Appendix 5)(.190- dia x .812) (CP1413)	-	-	(A)
02558	K8831	2	.Washer (.190 dia)(CP1413)	-	-	(A)
02560	AS62404	1	.Clip (635mm(.250)) (CP1413)	-	-	(A)
02562	UP10478	1	.Spacer (5mm) (CP1413)	-	-	(A)
02564	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1413)	-	-	(A)
02568	AS62404	1	.Clip (635mm(.250)) (CP1415)	-	-	(A)
02574	AS62404	1	.Clip (635mm(.250)) (CP1416)	-	-	(A)
02586	4W0102	1	.Bolt (See Appendix 5)(.190- dia x .438) (CP1427)	-	-	(A)
02587	K8831	1	.Washer (.190 dia)(CP1427)	-	-	(A)
02589	AS62404	1	.Clip (635mm(.250)) (CP1427)	-	-	(A)
02593	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1427)	-	-	(A)
03100	6A6210	1	.Tube A/O Air-P4.9 to EEC- Discon to Discon	-	5A9096	(B)(1D) (S2)(E)
03133	4W0127	1	.Bolt (See Appendix 5)(.190- dia x 2.000) (CP0582)	-	4W0123	(1D)(S2)
03134	K8831	1	.Washer (.190 dia)(CP0582)	-	5W1086	(1D)
03138	UP10481	1	.Spacer (20mm) (CP0582)	-	5W1032	(1D)
03139	UP10479	1	.Spacer (10mm) (CP0582)	-	-	(A)
03180	4W0113	1	.Bolt (See Appendix 5)(.190- dia x 1.125) (CP1428)	-	-	(A)
03181	K8831	1	.Washer (.190 dia)(CP1428)	-	-	(A)
03183	AS62404	1	.Clip (635mm(.250)) (CP1428)	-	-	(A)
03185	UP10480	1	.Spacer (15mm) (CP1428)	-	-	(A)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
03187	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1428)	-	-	(A)
03188	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438) (CP1441)	-	-	(A)
03189	K8831	1	.Washer (.190 dia)(CP1441)	-	-	(A)
03191	AS62404	1	.Clip (635mm(.250)) (CP1441)	-	-	(A)
03195	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1441)	-	-	(A)
05500	6A6235	1	.Tube A/O	-	5A8762	(B)(1D) (S2)(K)
05525	4W0112	1	.Bolt (See Appendix 5)(.190- dia x 1.062) (CP6095)	-	-	(A)
05526	K8831	2	.Washer (.190dia)(CP6095)	-	-	(A)
05528	TA025022-04	1	.Clamp Loop Style Cushion (635mm(.250)) (CP6095)	-	-	(A)
05530	UP10479	1	.Spacer (10mm) (CP6095)	-	-	(A)
05532	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP6095)	-	-	(A)
05557	4W0116	1	.Bolt (See Appendix 5)(.190- dia x 1.312) (CP5647)	-	4W0112	(1D)(S2)
05558	K8831	1	.Washer (.190 dia)(CP5647)	-	5W1086	(1D)
05560	TA025022-04	1	.Clamp Loop Style Cushion (635mm(.250)) (CP5647)	-	400WSS4	(1D)(S1)
05562	LK51288	1	.Spacer (CP5647)	-	5W1030	(1D)
05568	TA025022-04	1	.Clamp Loop Style Cushion (635mm(.250)) (CP5648)	-	400WSS4	(1D)(S1)
06100	6A6211	1	.Tube A/O Air-Pb to EEC Bif Panel to Discon	-	5A8799	(B)(1D) (S2)(E)
06128	AS62404	1	.Clip (635mm(.250)) (CP1426)	-	-	(A)
06184	AS62404	1	.Clip (635mm(.250)) (CP1418)	-	-	(A)
06192	AS62404	1	.Clip (635mm(.250)) (CP1420)	-	-	(A)
06500	6A6212	1	.Tube A/O Air-Pb to EEC Discon to Discon	-	5A9093	(B)(1D) (S2)(E)
06573	4W0102	1	.Bolt (See Appendix 5)(.190- dia x .438) (CP1422)	-	-	(A)
06574	K8831	1	.Washer (.190 dia)(CP1422)	-	-	(A)
06576	AS62404	1	.Clip (635mm(.250)) (CP1422)	-	-	(A)
06580	4W0001	1	.Nut (See Appendix 5)(.190 - dia) (CP1422)	-	-	(A)
06581	4W0105	1	.Bolt (See Appendix 5)(.190- dia x .625) (CP1423)	-	-	(A)
06582	K8831	2	.Washer (.190 dia)(CP1423)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
06584	AS62404	1	.Clip (635mm(.250)) (CP1423)	-	-	(A)
06588	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1423)	-	-	(A)
09500	6A6007	1	.Tube A/O-Air P2.5 to EEC-Discon to Bif Panel	-	6A2122	(B)(1D) (S2)(L)
10100	6A6213	1	.Tube A/O Air-P2.5 to EEC- Bif Panel to Discon	-	6A2126	(B)(1D) (S2)(E)
10136	AS62404	1	.Clip (635mm(.250)) (CP1426)	-	-	(A)
10184	AS62404	1	.Clip (635mm(.250)) (CP1413)	-	-	(A)
10192	AS62404	1	.Clip (635mm(.250)) (CP1419)	-	-	(A)
10500	6A6214	1	.Tube A/O Air-P2.5 Discon- to Discon	-	6A1692	(B)(1D) (S2)(E)
10573	4W0118	1	.Bolt (See Appendix 5)(.190- dia x 1.438) (CP1424)	-	-	(A)
10574	K8831	2	.Washer (.190 dia)(CP1424)	-	-	(A)
10576	AS62404	1	.Clip (635mm(.250)) (CP1424)	-	-	(A)
10578	UP10481	1	.Spacer (20mm) (CP1424)	-	-	(A)
10580	4W0001	1	.Nut (See Appendix 5)(.190 dia) (CP1424)	-	-	(A)
10584	AS62404	1	.Clip (635mm(.250)) (CP1428)	-	-	(A)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01090	6A5750	1	.Bracket A/O-Clipping	-	5W0045	(B)(1D) (S2)(M)
01242	745-5069 -501	1	.Bracket (CP5670)	-	-	(A)(J)
01680	6A5758	1	.Bracket	-	5W0078	(B)(1D) (S2)(M)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
05500	6A6010	1	.Tube A/O-Air	-	5A8764	(B)(1D) (S2)(L)
05525	4W0102	1	.Bolt (See Appendix 5)(.190- dia x .438)(CP6101)	-	-	(A)
05526	5W1086	1	.Washer (CP6101)	-	-	(A)
05528	AS62405	1	.Clip (7.92mm(.312)) (CP6101)	-	-	(A)
05532	4W0001	1	.Nut (See Appendix 5)(.190 - dia)(CP6101)	-	-	(A)
05544	AS62405	1	.Clip (7.92mm(.312)) (CP5647)	-	400WSS5	(1D)
05552	AS62405	1	.Clip (7.92mm(.312)) (CP5648)	-	400WSS5	(1D)
05573	4W0102	1	.Bolt (See Appendix 5) (.190dia x.438) (CP6099)	-	-	(A)
05574	K8831	1	.Washer (.190 dia) (CP6099)-	-	-	(A)
05576	AS62405	1	.Clip (7.92mm(.312)) (CP6099)	-	-	(A)
05580	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP6099)	-	-	(A)
05592	AS62405	1	.Clip (7.92mm (.312)) (CP5668)	-	-	(A)
06100	6A6228	1	.Tube A/O Air-Bif Panel to Discon	-	5A9357	(B)(1D) (S2)(E)
06165	4W0113	1	.Bolt (See Appendix 5) (.190dia x 1.125) (CP1417)	-	-	(A)
06166	K8831	1	.Washer (.190dia) (CP1417)	-	-	(A)
06168	AS62405	1	.Clip (7.92mm (.312)) (CP1417)	-	-	(A)
06170	UP10480	1	.Spacer (15mm) (CP1417)	-	-	(A)
06172	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1417)	-	-	(A)
06176	AS62405	1	.Clip (7.92mm (.312)) (CP1419)	-	-	(A)
06184	AS62405	1	.Clip (7.92mm (.312)) (CP1433)	-	-	(A)
06192	AS62405	1	.Clip (7.92mm (.312)) (CP1439)	-	-	(A)
10062	740-5290 -501	1	.Bracket Overheat	-	-	(A)(1D) (H)
10064	4W0107	1	.Bolt, Machine Double (CP6120)	-	-	(A)
10065	4W0001	1	.Nut, Option (CP6120)	-	-	(A)
10066	4W0106	1	.Bolt (CP6118)	-	-	(A)
10067	4W0001	2	.Nut, Option (CP6118)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
10069	TA0250 74-04	1	.Clamp, Loop (CP6120)	-	-	(A)(T)
10069	AS61902	Ref	.Clamp, Loop	-	-	(A)(T)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02100	6A6227	1	.Tube A/O	-	5A8759	(B)(1D) (S2)(K)
02183	400WSS4	1	.Clip (CP0582)	-	-	(A)
02191	AS62404	1	.Clip (635mm(.250)) (CP1424)	-	-	(A)
02500	6A6226	1	.Tube A/O	-	5A9076	(B)(1D) (S2)(K)
02544	AS62404	1	.Clip (635mm(.250)) (CP1415)	-	-	(A)
02552	AS62404	1	.Clip (635mm(.250)) (CP1416)	-	-	(A)
02560	AS62404	1	.Clip (635mm(.250)) (CP1428)	-	-	(A)
03100	6A6006	1	.Tube A/O-Air	-	6A5312	(B)(1D) (S2)(L)
03160	AS62404	1	.Clip (635mm(.250)) (CP6100)	-	-	(A)
03168	AS62404	1	.Clip (635mm(.250)) (CP5648)	-	400WSS4	(1D)
03176	AS62404	1	.Clip (635mm(.250)) (CP5647)	-	400WSS4	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01100	6A6200	1	.Tube A/O Air-HP Air to B.Valve Solenoid Tee to Bif Panel	-	5A9043	(B)(1D) (S2)(F)
01176	AS62408	1	.Clip (1270mm(.500)) (CP6116)	-	-	(A)
01184	AS62408	1	.Clip (1270mm(.500)) (CP6119)	-	-	(A)
01500	6A6215	1	.Tube A/O Air-Bif Panel to- Solenoid Discon	-	5A9067	(B)(1D) (S2)(F)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01544	AS62408	1	.Clip (1270mm(.500)) (CP1414)	-	-	(A)
01552	AS62408	1	.Clip (1270mm(.500)) (CP1417)	-	-	(A)
01557	4W0107	1	.Bolt (See Appendix 5) (.190 dia x .750) (CP1421)	-	-	(A)
01558	K8831	2	.Washer (.190dia) (CP1421)	-	-	(A)
01560	AS62408	1	.Clip (1270mm(.500)) (CP1421)	-	-	(A)
01562	UP10478	1	.Spacer (5mm) (CP1421)	-	-	(A)
01564	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1421)	-	-	(A)
01568	AS62408	1	.Clip (1270mm(.500)) (CP1429)	-	-	(A)
01573	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500) (CP1435)	-	-	(A)
01574	K8831	1	.Washer (.190dia) (CP1435)	-	-	(A)
01575	AS62408	1	.Clip (1270mm (.500)) (CP1435)	-	-	(A)
01580	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1435)	-	-	(A)
02525	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500) (CP0558)	-	-	(A)
02526	5W1086	1	.Washer (CP0558)	-	-	(A)
02532	4W0043	1	.Nut (See Appendix 5) (.190dia) (CP0558)	-	-	(A)
04100	6A6222	1	.Tube A/O Air-HP10 Solenoid- Discon to Discon	-	5A9071	(B)(1D) (S2)(F)
04165	4W0115	1	.Bolt (See Appendix 5) (.190 dia x 1.250) (CP1409)	-	-	(A)
04166	K8831	2	.Washer (.190dia) (CP1409)	-	-	(A)
04168	AS62404	1	.Clip (635mm (.250)) (CP1409)	-	-	(A)
04170	UP10480	1	.Spacer (15mm) (CP1409)	-	-	(A)
04172	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1409)	-	-	(A)
04500	6A6223	1	.Tube A/O Air-HP7 Solenoid Discon to Bif Panel	-	5R8743	(B)(1D) (S2)(F)
04536	AS62404	1	.Clip (635mm (.250)) (CP0574)	-	400WSS4	(1D)
04541	4W0115	1	.Bolt (See Appendix 5) (.190 dia x 1.250) (CP1420)	-	-	(A)
04542	K8831	2	.Washer (.190dia) (CP1420)	-	-	(A)
04544	AS62404	1	.Clip (635mm (.250)) (CP1420)	-	-	(A)
04546	UP10480	1	.Spacer (15mm) (CP1420)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
04548	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1420)	-	-	(A)
04591	4W0114	1	.Bolt (See Appendix 5) (.190 dia x 1.188) (CP1418)	-	-	(A)
04592	K8831	1	.Washer (.190dia) (CP1418)	-	-	(A)
04594	AS62404	1	.Clip (635mm(.250)) (CP1418)	-	-	(A)
04596	UP10480	1	.Spacer (15mm) (CP1418)	-	-	(A)
04598	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1418)	-	-	(A)
08100	6A6220	1	.Tube A/O Air-HP7 Solenoid Discon to Discon	-	5A9079	(B)(1D) (S2)(F)
08185	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438) (CP1434)	-	-	(A)
08186	K8831	1	.Washer (.190dia) (CP1434)	-	-	(A)
08188	AS62404	1	.Clip (635mm (.250)) (CP1434)	-	-	(A)
08192	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1434)	-	-	(A)
08500	6A6221	1	.Tube A/O Air-HP7 Solenoid Discon to Bif Panel	-	5A8746	(B)(1D) (S2)(F)
08568	AS62404	1	.Clip (635mm (.250)) (CP1413)	-	-	(A)
08573	4W0114	1	.Bolt (See Appendix 5) (.190 dia x 1.188) (CP1419)	-	-	(A)
08574	K8831	2	.Washer (.190dia) (CP1419)	-	-	(A)
08576	AS62404	1	.Clip (635mm(.250)) (CP1419)	-	-	(A)
08578	UP10480	1	.Spacer (15mm) (CP1419)	-	-	(A)
08580	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1419)	-	-	(A)
08581	4W0114	1	.Bolt (See Appendix 5) (.190 dia x 1.188) (CP1438)	-	-	(A)
08582	K8831	2	.Washer (.190dia) (CP1438)	-	-	(A)
08584	AS62404	1	.Clip (635mm (.250)) (CP1438)	-	-	(A)
08586	UP10480	1	.Spacer (15mm) (CP1438)	-	-	(A)
08588	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1438)	-	-	(A)
08593	AS62404	1	.Clip (635mm (.250)) (CP1433)	-	-	(A)
10100	6A6218	1	.Tube A/O Air-HP7 Solenoid- Discon to Discon	-	5A9074	(B)(1D) (S2)(F)
10141	4W0119	1	.Bolt (See Appendix 5) (.190 dia x 1.500) (CP0583)	-	-	(A)
10142	K8831	1	.Washer (.190dia) (CP0583)	-	5W1086	(1D)
10146	UP10481	1	.Spacer (20mm) (CP0583)	-	5W1032	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
10149	4W0118	1	.Bolt (See Appendix 5) .190- dia x 1.438) (CP0581)		4W0119	(1D)(S2)
10150	K8831	1	.Washer (.190 dia) (CP0581)-		5W1086	(1D)
10154	UP10481	1	.Spacer (20mm) (CP0581) -		5W1032	(1D)
10184	AS62404	1	.Clip (635mm (.250)) - (CP1409)		-	(A)
10189	4W0107	1	.Bolt (See Appendix 5) - (.190 dia x .750) (CP1432)		-	(A)
10190	K8831	1	.Washer (.190dia) (CP1432) -		-	(A)
10192	AS62404	1	.Clip (635mm (.250)) - (CP1432)		-	(A)
10194	UP10478	1	.Spacer (5mm) (CP1432) -		-	(A)
10196	4W0001	1	.Nut (See Appendix 5) - (.190dia) (CP1432)		-	(A)
10500	6A6219	1	.Tube A/O Air-HP7 Solenoid- Discon to Bif Panel		5A8769	(B)(1D) (S2)(F)
10568	AS62404	1	.Clip (635mm (.250)) - (CP1418)		-	(A)
10576	AS62404	1	.Clip (635mm (.250)) - (CP1420)		-	(A)
10581	4W0104	1	.Bolt (See Appendix 5) - (.190 dia x .562) (CP1431)		-	(A)
10582	K8831	1	.Washer (.190dia) (CP1431) -		-	(A)
10584	AS62404	1	.Clip (635mm (.250)) - (CP1431)		-	(A)
10588	4W0001	1	.Nut (See Appendix 5) - (.190dia) (CP1431)		-	(A)
11500	6A6216	1	.Tube A/O Air-HP7 Solenoid - Discon to Discon		5A9077	(B)(1D) (S2)(F)
11560	AS62404	1	.Clip (635mm (.250)) - (CP1409)		-	(A)
11568	AS62404	1	.Clip (635mm (.250)) - (CP1444)		-	(A)
12100	6A6217	1	.Tube A/O Air-HP7 Solenoid - Discon to Bif Panel		5A8745	(B)(1D) (S2)(F)
12125	4W0102	1	.Bolt (See Appendix 5) - (.190 dia x .438) (CP1436)		-	(A)
12126	K8831	1	.Washer (.190dia) (CP1436) -		-	(A)
12128	AS62404	1	.Clip (635mm(.250)) - (CP1436)		-	(A)
12132	4W0001	1	.Nut (See Appendix 5) - (.190dia) (CP1436)		-	(A)
12136	AS62404	1	.Clip (635mm(.250)) - (CP1437)		-	(A)
12144	AS62404	1	.Clip (635mm (.250)) - (CP0573)		-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
12160	AS62404	1	.Clip (635mm (.250)) (CP1433)	-	-	(A)
12184	AS62404	1	.Clip (635mm (.250)) (CP1419)	-	-	(A)
12192	AS62404	1	.Clip (635mm (.250)) (CP1421)	-	-	(A)
13100	6A6198	1	.Tube A/O Air-Bif Panel to Stg.7 B.Valve	-	6A2162	(B)(1D) (S2)(F)
13149	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500) (CP5643)	-	-	(A)
13150	K8831	2	.Washer (.190dia) (CP5643)	-	-	(A)
13152	AS62404	1	.Clip (635mm (.250)) (CP5643)	-	-	(A)
13156	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP5643)	-	-	(A)
13173	4W0128	1	.Bolt (See Appendix 5)(.190- dia x 2.125) (CP5641)	-	-	(A)
13174	K8831	2	.Washer (.190dia) (CP5641)	-	-	(A)
13176	AS62404	1	.Clip (635mm (.250)) (CP5641)	-	-	(A)
13178	6A4826	1	.Spacer (40mm Long) (CP5641)	-	-	(A)
13180	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP5641)	-	-	(A)
13182	AS62404	1	.Clip (635mm (.250)) (CP6121)	-	-	(A)
13184	AS62404	1	.Clip (635mm (.250)) (CP6075)	-	-	(A)
13566	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500) (CP5643)	-	5W1086	(1D)(S2)
14100	6A6199	1	.Tube A/O Air-Bif Panel to Stg.10 B.Valve	-	6A2163	(B)(1D) (S2)(F)
14128	AS62404	1	.Clip (635mm (.250)) (CP5643)	-	-	(A)
14168	AS62404	1	.Clip (635mm (.250)) (CP5641)	-	-	(A)
14173	4W0112	1	.Bolt (See Appendix 5) (.190 dia x 1.062) (CP5675)	-	-	(A)
14174	K8831	1	.Washer (.190dia)(CP5675)	-	-	(A)
14176	AS62404	1	.Clip (635mm (.250)) (CP5675)	-	-	(A)
14179	UP10480	1	.Spacer (15mm) (CP5675)	-	-	(A)
14180	4W0043	1	.Nut (See Appendix 5) (.190dia) (CP5675)	-	-	(A)
15100	6A6197	1	.Tube A/O Air-Bif Panel to Stg.7 B.Valve	-	5A9306	(B)(1D) (S2)(F)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
15120	AS62404	1	.Clip (635mm(.250)) (CP5675)	-	-	(A)
15125	4W0111	1	.Bolt (See Appendix 5) (.190 dia x 1.000) (CP6073)	-	-	(A)
15126	K8831	1	.Washer (.190dia) (CP6073)	-	-	(A)
15128	AS62404	1	.Clip (635mm (.250)) (CP6073)	-	-	(A)
15130	LK53193	1	.Spacer (127mm) (CP6073)	-	-	(A)
15131	4W0043	1	.Nut (See Appendix 5) (.190dia) (CP6073)	-	-	(A)
15144	AS62404	1	.Clip (635mm (.250)) (CP5659)	-	-	(A)
15184	AS62404	1	.Clip (635mm(.250)) (CP6075)	-	-	(A)
15192	AS62404	1	.Clip (635mm (.250)) (CP5595)	-	-	(A)
16100	6A6009	1	.Tube A/O-Air	-	5A9307	(B)(1D) (S2)(L)
16173	4W0108	1	.Bolt (See Appendix 5) (.190 dia x .812) (CP6096)	-	-	(A)
16174	K8831	1	.Washer (.190dia) (CP6096)	-	-	(A)
16176	AS62404	1	.Clip (635mm (.250)) (CP6096)	-	-	(A)
16178	LK69353	1	.Spacer (CP6096)	-	-	(A)
16180	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP6096)	-	-	(A)
16181	4W0120	1	.Bolt (See Appendix 5) (.190 dia x 1.562) (CP6098)	-	-	(A)
16182	K8831	2	.Washer (.190dia) (CP6098)	-	-	(A)
16184	AS62404	1	.Clip (635mm (.250)) (CP6098)	-	-	(A)
16185	LK69353	1	.Spacer (CP6098)	-	-	(A)
16186	LK42781	1	.Spacer (CP6098)	-	-	(A)
16188	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP6098)	-	-	(A)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
04157	4W0103	1	.Bolt (See Appendix 5) (.190dia x .500) (CP1430)	-	-	(A)
04158	K8831	1	.Washer (.190dia) (CP1430)	-	-	(A)
04160	AS62412	1	.Clip (1905mm (.750)) (CP1430)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
04164	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1430)	-	-	(A)
04552	AS62412	1	.Clip (1905mm (.750)) (CP1420)	-	-	(A)
04557	4W0109	1	.Bolt (See Appendix 5) (.190dia x .875) (CP1457)	-	-	(A)
04558	K8831	1	.Washer (.190dia) (CP1457)	-	-	(A)
04560	AS62412	1	.Clip (1905mm (.750)) (CP1457)	-	-	(A)
04562	UP10479	1	.Spacer (10mm) (CP1457)	-	-	(A)
04564	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1457)	-	-	(A)
10100	6A5394	1	.Tube A/O-oil	-	5R8132	(B)(1D) (S2)(L)
10149	4W0103	1	.Bolt (See Appendix 5) (.190dia x .500) (CP6081)	-	-	(A)
10150	K8831	1	.Washer (.190dia) (CP6081)	-	-	(A)
10152	AS62412	1	.Clip (1905mm (.750)) (CP6081)	-	-	(A)
10156	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP6081)	-	-	(A)
10157	4W0103	1	.Bolt (See Appendix 5) (.190dia x .500) (CP6122)	-	-	(A)
10158	K8831	1	.Washer (.190dia) (CP6122)	-	-	(A)
10160	AS62412	1	.Clip (1905mm (.750)) (CP6122)	-	-	(A)
10164	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP6122)	-	-	(A)
11100	6A5395	1	.Tube A/O-oil	-	5R8133	(B)(1D) (S2)(L)
11141	4W0103	1	.Bolt (See Appendix 5) (.190dia x .500) (CP5660)	-	4W0120	(1D)(S2)
11142	K8831	1	.Washer (.190dia) (CP5660)	-	5W1086	(1D)
11144	AS62410	1	.Clip (1588mm (.625)) (CP5660)	-	400WSS10	(1D)
12100	6A5397	1	.Tube A/O-oil	-	5R8135	(B)(1D) (S2)(L)
12133	4W0102	1	.Bolt (See Appendix 5) (.190dia x 1.562) (CP5659)	-	4W0102	(1D)(S2)
12134	K8831	1	.Washer (.190dia) (CP5659)	-	5W1086	(1D)
12136	AS62405	1	.Clip (7.92mm (.312)) (CP5659)	-	400WSS5	(1D)
12138	LK44011	1	.Spacer (CP5659)	-	-	(A)
12157	4W0103	1	.Bolt (See Appendix 5) (.190dia x .500) (CP6084)	-	-	(A)
12158	K8831	2	.Washer (.190dia) (CP6084)	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
12160	AS62405	1	.Clip (7.92mm (.312)) (CP6084)	-	-	(A)
12164	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP6084)	-	-	(A)
12165	4W0102	1	.Bolt (See Appendix 5) (.190dia x .438) (CP6087)	-	-	(A)
12166	K8831	1	.Washer (.190dia) (CP6087)	-	-	(A)
12168	AS62405	1	.Clip (7.92mm (.312)) (CP6087)	-	-	(A)
12172	4w0043	1	.Nut (See Appendix 5) (.190dia) (CP6087)	-	-	(A)
13100	6A6202	1	.Tube A/O Oil-No.4 Brg 4 Way Adaptor to Disconnect	-1 1	5R8134	(B)(1D) (S2)(F)
13133	4W0102	1	.Bolt (See Appendix 5) (.190 dia x .438) (CP5664)	-	-	(A)
13134	K8831	1	.Washer (.190dia) (CP5664)	-	-	(A)
13136	AS62407	1	.Clip (1112mm (.438)) (CP5664)	-	400WSS7	(1D)
13149	4W0110	1	.Bolt (See Appendix 5) (.190dia x .938) (CP6088)	-	-	(A)
13150	K8831	1	.Washer (.190dia) (CP6088)	-	-	(A)
13152	AS62407	1	.Clip (1112mm (.438)) (CP6088)	-	-	(A)
13154	UP10479	1	.Spacer (10mm) (CP6088)	-	-	(A)
13156	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP6088)	-	-	(A)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01090	6A8173	1	.Bracket Clipping	-	-	(A)(C) (K)
01110	4W2622	41	.Washer (See Appendix 5)	-	4W2622	(8D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01500	6A6196	1	.Tube A/O Oil-No.5 Brg Scav- Disconnect to Bif Panel		5R8141	(B)(1D) (S2)(F)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01541	4W0117	1	.Bolt (See Appendix 5) (.190 dia x 1.375) (CP5224)	-	4W0116	(1D)(S2)
01542	K8831	2	.Washer (.190dia) (CP5224)	-	-	(A)
02100	6A6208	1	.Tube A/O Oil-No.5 Brg Bif Panel to Scav Discon	-	5A9085	(B)(1D) (S2)(F)
02149	4W0107	1	.Bolt (See Appendix 5) (.190 dia x .750) (CP1429)	-	-	(A)
02150	K8831	1	.Washer (.190dia)(CP1429)	-	-	(A)
02152	AS62412	1	.Clip (1905mm (.750)) (CP1429)	-	-	(A)
02154	UP10478	1	.Spacer (5mm) (CP1429)	-	-	(A)
02156	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1429)	-	-	(A)
03100	6A6195	1	.Tube A/O Oil-No.4 Brg Scav- Dif Case to Bif Panel	-	5R8138	(B)(1D) (S2)(F)
03160	AS62416	1	.Clip (2540mm (1.000)) (CP6095)	-	-	(A)
04100	6A6206	1	.Tube A/O Oil-No.4 Brg Discon to Discon	-	5A9083	(B)(1D) (S2)(F)
04141	4W0104	1	.Bolt (See Appendix 5)(.190- dia x .562) (CP1407)	-	-	(A)
04142	K8831	1	.Washer (.190dia)(CP1407)	-	-	(A)
04144	AS62424	1	.Clip (3810mm (1.500)) (CP1407)	-	-	(A)
04148	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1407)	-	-	(A)
04149	4W0104	1	.Bolt (See Appendix 5) (.190 dia x .562) (CP1411)	-	-	(A)
04150	K8831	1	.Washer (.190dia) (CP1411)	-	-	(A)
04152	AS62424	1	.Clip (3810mm (1.500)) (CP1411)	-	-	(A)
04156	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1411)	-	-	(A)
04157	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500) (CP1412)	-	-	(A)
04158	K8831	1	.Washer (.190dia) (CP1412)	-	-	(A)
04160	AS62424	1	.Clip (3810mm (1.500)) (CP1412)	-	-	(A)
04164	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1412)	-	-	(A)
04165	4W0104	1	.Bolt (See Appendix 5) (.190 dia x .562) (CP1453)	-	-	(A)
04166	K8831	1	.Washer (.190dia) (CP1453)	-	-	(A)
04168	AS62416	1	.Clip (2540mm (1.000)) (CP1453)	-	-	(A)
04172	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1453)	-	-	(A)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
04500	6A6205	1	.Tube A/O Oil-No.4 Brg Discon to Scav Valve	-	5A9084	(B)(1D) (S2)(F)
05100	6A6207	1	.Tube A/O Oil-No.4 Brg Scav 'T' to Press Trans	-	5A8573	(B)(1D) (S2)(F)
05149	4W0103	1	.Bolt (See Appendix 5) (.190 dia x .500) (CP1425)	-	-	(A)
05150	K8831	1	.Washer (.190dia)(CP1425)	-	-	(A)
05152	AS62404	1	.Clip (635mm (.250)) (CP1425)	-	-	(A)
05156	4W0001	1	.Nut (See Appendix 5) (.190dia) (CP1425)	-	-	(A)
12100	740-5793 -513	1	.Tube Assy, Oil Pressure	-	745-5793 -501	(C)(B) (S2)(H)
12162	4W0103	1	.Bolt (CP1406)	-	-	(A)
12163	SP154D	1	.Washer (CP1406)	-	-	(A)
12164	400WSS4	1	.Clip, Loop Type (CP1406)	-	-	(A)
12166	4W0001	1	.Nut, Option (CP1406)	-	-	(A)
12169	400WSS4	1	.Clip, Loop Type (CP1464)	-	-	(A)

B. Parts to be reworked:

None.

C. New production parts:

None.

D. Redundant parts:

All Engines

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02100	-	1	.Tube A/O Air	-	6A2140	(B)
02136	-	1	.Clip (CP0576)	-	AS62404	(1D)
02200	-	1	..Wire Thrust	-	AS15777	(1D)(P)
02201	-	1	..Nut Tube Coupling	-	AS15701	(1D)(P)
02202	-	1	..Ferrule Assy	-	AS15768	(1D)(P)
02214	-	1	..Clip	-	LK39602	(1D)(P)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02242	-	1	..Adaptor	-	AS15802	(1D)(P)
02528	-	1	.Clip (CP0578)	-	AS62404	(1D)
02552	-	1	.Clip (CP1080)	-	400WSS4	(1D)

71-51-41

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01129	-	1	.Clamp Loop Assy Elec Harnes (CP1040)	-	AS62515	(1D)
01142	-	1	.Bolt (CP0250)	-	4W0103	(1D)
01143	-	1	.Washer (CP0250)	-	5W1086	(1D)
01145	-	1	.Clamp Loop Style Cushion (CP0250)	-	TA025074-16	(1D)
01145	-	Ref	.Clamp Loop Style Cushion (CP0250)	-	AS61914	(1D)
01149	-	1	.Nut (CP0250)	-	4W0001	(1D)
01150	-	1	.Bolt (CP0251)	-	4W0109	(1D)
01151	-	1	.Washer (CP0251)	-	5W1086	(1D)
01153	-	1	.Clamp Loop Style Cushion (CP0251)	-	TA0250 74-16	(1D)(T)
01153	-	Ref	.Clamp Loop Style Cushion (CP0251)	-	AS61914	(1D)(T)
01155	-	1	.Spacer (CP0251)	-	UP10479	(1D)(T)
01155	-	Ref	.Spacer Sleeve (CP0251)	-	5W1030	(1D)(T)
01157	-	1	.Nut (CP0251)	-	-4W0001	(1D)
01166	-	1	.Bolt (CP1174)	-	4W0103	(1D)
01167	-	1	.Washer (CP1174)	-	5W1086	(1D)
01169	-	1	.Clamp Loop Assy Elec Harnes (CP1174)	-	AS62515	(1D)
01173	-	1	.Nut (CP1174)	-	4W0001	(1D)
01174	-	1	.Bolt (CP0254)	-	4W0107	(1D)
01175	-	1	.Washer (CP0254)	-	5W1086	(1D)
01177	-	1	.Clamp Loop Assy Elec Harnes (CP0254)	-	AS62509	(1D)
01178	-	1	.Clamp Loop Style Cushion (CP0254)	-	TA025074-10	(1D)(T)
01178	-	Ref	.Clamp Loop Style Cushion (CP0254)	-	AS61908	(1D)(T)
01179	-	1	.Spacer (CP0254)	-	UP10478	(1D)
01181	-	1	.Nut (CP0254)	-	4W0001	(1D)
01486	-	1	.Bolt (CP0535)	-	4W0164	(1D)
01487	-	1	.Washer (CP0535)	-	5W1088	(1D)
01489	-	1	.Clip (CP0535)	-	FEC3002-24B	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01493	-	1	.Nut (CP0535)	-	4W0002	(1D)
01494	-	1	.Bolt (CP0536)	-	4W0164	(1D)
01495	-	1	.Washer (CP0536)	-	5W1088	(1D)
01497	-	1	.Clip (CP0536)	-	FEC3002 -24B	(1D)
01501	-	1	.Nut (CP0 536)	-	4W0002	(1D)
01510	-	1	.Bolt (CP0538)	-	4W0165	(1D)
01511	-	1	.Washer (CP0538)	-	5W1088	(1D)
01513	-	1	.Clip (CP0538)	-	FEC3002 -24B	(1D)
01517	-	1	.Nut (CP0538)	-	4W0002	(1D)
01526	-	1	.Bolt (CP0540)	-	4W0103	(1D)
01527	-	1	.Washer (CP0540)	-	5W1086	(1D)
01529	-	1	.Clamp Loop Assy Elec Harness (CP0540)	-	AS62515	(1D)
01533	-	1	.Nut (CP0540)	-	4W0001	(1D)
01534	-	1	.Bolt (CP0541)	-	4W0109	(1D)
01535	-	1	.Washer (CP0541)	-	5W1086	(1D)
01537	-	1	.Clamp Loop Assy Elec Harness (CP0541)	-	AS62515	(1D)
01539	-	1	.Spacer (CP0541)	-	UP10479	(1D)(T)
01539	-	Ref	.Spacer Sleeve (CP0541)	-	5W1030	(1D)(T)
01541	-	1	.Nut (CP0541)	-	4W0001	(1D)
01558	-	1	.Bolt (CP1170)	-	4W0106	(1D)
01559	-	1	.Washer (CP1170)	-	5W1086	(1D)
01561	-	1	.Clamp Loop Style Cushion (CP1170)	-	TA0250 74-16	(1D)(T)
01561	-	Ref	.Clamp Loop Style Cushion (CP1170)	-	AS61914	(1D)(T)
01563	-	1	.Spacer (CP1170)	-	UP10478	(1D)(T)
01563	-	Ref	.Spacer Sleeve (CP1170)	-	5W1029	(1D)(T)
01565	-	1	.Nut (CP1170)	-	4W0001	(1D)
02221	-	1	.Bolt (CP1064)	-	4W0164	(1D)
02222	-	1	.Washer (CP1064)	-	5W1088	(1D)
02224	-	1	.Clip (CP1064)	-	FEC3002 -24B	(1D)
02228	-	1	.Nut (CP1064)	-	4W0002	(1D)
02333	-	1	.Bolt (CP1086)	-	4W0106	(1D)
02334	-	1	.Washer (CP1086)	-	5W1086	(1D)
02336	-	1	.Clamp Loop Assy Elec Harness (CP1086)	-	AS62515	(1D)
02338	-	1	.Spacer (CP1086)	-	UP10478	(1D)(T)
02338	-	Ref	.Spacer Sleeve (CP1086)	-	5W1029	(1D)(T)
02340	-	1	.Nut (CP1086)	-	4W0001	(1D)
02341	-	1	.Bolt (CP1172)	-	4W0103	(1D)
02342	-	1	.Washer (CP1172)	-	5W1086	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02344	-	1	.Clamp Loop Style Cushion (CP1172)	-	AS62516	(1D)
02348	-	1	.Nut (CP1172)	-	4W0001	(1D)
02540	-	1	.Clamp Loop Assy Elec Harness (CP1141)	-	AS62515	(1D)
02542	-	1	.Bolt (CP1141)	-	4W0107	(1D)
02544	-	3	.Washer (CP1141)	-	4W2621	(1D)
02548	-	1	.Nut (CP1141)	-	4W0001	(1D)
07025	-	1	.Bolt (CP1173)	-	4W0106	(1D)
07026	-	1	.Washer(CP1173)	-	5W1086	(1D)
07028	-	1	.Clamp Loop Assy Elec Harness (CP1173)	-	AS62515	(1D)
07030	-	1	.Spacer(CP1173)	-	UP10478	(1D)(T)
07030	-	Ref	.Spacer Sleeve(CP1173)	-	5W1029	(1D)(T)
07032	-	1	.Nut (CP1173)	-	4W0001	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01485	-	1	.Clamp,Loop (CP0537)	-	TA0250 74-10	(1D)(T)
01485	-	Ref	.Clamp,Loop (CP0537)	-	AS61908	(1D)(T)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01070	-	1	.Bolt (CP0545)	-	4W0103	(1D)
01071	-	1	.Washer(CP0545)	-	5W1086	(1D)
01073	-	1	.Clamp Loop Style Cushion (CP0545)	-	TA0250 74-03	(1D)(T)
01073	-	Ref	.Clamp Loop Style Cushion (CP0545)	-	AS61933	(1D)(T)
01077	-	1	.Nut (CP0545)	-	4W0001	(1D)
01081	-	1	.Clamp Loop Style Cushion (CP0568)	-	TA0250 74-03	(1D)(T)
01081	-	Ref	.Clamp Loop Style Cushion (CP0568)	-	AS61933	(1D)(T)
01246	-	1	.Bolt (CP1089)	-	4W0103	(1D)
01247	-	1	.Washer(CP1089)	-	5W1086	(1D)
01249	-	1	.Clamp Loop Assy Elec Harness(CP1089)	-	AS62515	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01253	-	1	.Nut (CP1089)	-	4W0001	(1D)
01254	-	1	.Bolt (CP1090)	-	4W0103	(1D)
01255	-	1	.Washer(CP1090)	-	5W1086	(1D)
01257	-	1	.Clamp Loop Assy Elec Harness(CP1090)	-	AS62515	(1D)
01261	-	1	.Nut (CP1090)	-	4W0001	(1D)
01270	-	1	.Bolt (CP6091)	-	4W0103	(1D)
01273	-	1	.Clamp Loop Style Cushion (CP6091)	-	AS62514	(1D)
01277	-	1	.Nut (CP6091)	-	4W0001	(1D)
01318	-	1	.Bolt (CP6103)	-	4W0108	(1D)
01321	-	1	.Clamp Loop Assy Elec Harness(CP6103)	-	AS62515	(1D)
01323	-	1	.Spacer(CP6103)	-	LK69353	(1D)
01325	-	1	.Nut (CP6103)	-	4W0043	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01117	-	1	.Bolt (CP0537)	-	4W0126	(1D)
01118	-	2	.Washer(CP0537)	-	5W1086	(1D)
01120	-	1	.Clip(CP0537)	-	400WSS8	(1D)
01122	-	2	.Spacer(CP0537)	-	UP10480	(1D)(T)
01122	-	Ref	.Spacer Sleeve(CP0537)	-	5W1031	(1D)(T)
01124	-	1	.Nut (CP0537)	-	4W0001	(1D)
01218	-	4	..Lug brazed	-	5W8491	(1D)(P)

71-52-41

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01240	-	1	.Clamp,Loop(CP5222)	-	TA0250 74-03	(1D)(T)
01240	-	Ref	.Clamp,Loop(CP5222)	-	AS61933	(1D)(T)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01110	-	1	.Bolt (CP5678)	-	4W0108	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01113	-	1	.Clamp Loop Assy Elec Harness (CP5678)	-	AS62515	(1D)
01115	-	1	.Spacer(CP5678)	-	LK69353	(1D)
01117	-	1	.Nut (CP5678)	-	4W0043	(1D)
01518	-	1	.Bolt (CP6094)	-	4W0102	(1D)
01525	-	1	.Nut (CP6094)	-	4W0001	(1D)
01542	-	1	.Bolt (CP6086)	-	4W0112	(1D)
01547	-	1	.Spacer(CP6086)	-	LK42781	(1D)
01549	-	1	.Nut (CP6086)	-	4W0001	(1D)

71-71-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01533	-	1	.Bolt(CP5835)	-	AS21408	(1D)
01534	-	1	.Washer(CP5835)	-	SP154D	(1D)
01536	-	1	.Clip,Loop Type(CP5835)	-	400WSS4	(1D)
01540	-	1	.Nut,Option(CP5835)	-	4W0001	(1D)
01545	-	1	.Clip,Loop Type(CP5835)	-	400WSS4	(1D)

72-38-25

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01312	-	2	.Washer	-	4W2622	(1D)
01432	-	11	..Rivet Solid Universal Hd	-	AS16087	(1D)
01444	-	6	..Rivet Solid Csk Head	-	AS16487	(1D)

72-60-10

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01456	-	1	.Bracket	-	740-5714 -507	(B)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
08144	-	1	.Clip, Loop Type(CP1398)	-	400WSS12	(1D)
09170	-	1	.Spacer(CP6078)	-	LK51288	(1D)
09186	-	1	.Spacer(CP6077)	-	LK64582	(1D)
10141	-	1	.Bolt (CP1040)	-	4W0128	(1D)
10142	-	2	.Washer (CP1040)	-	K8831	(1D)
10144	-	1	.Clip(CP1040)	-	AS62408	(1D)
10146	-	1	.Spacer(CP1040)	-	6A4826	(1D)
10148	-	1	.Nut (CP1040)	-	4W0001	(1D)
10576	-	1	.Clip, Loop Type(CP1399)	-	400WSS8	(1D)
11176	-	1	.Clip(CP6077)	-	AS62408	(1D)
19557	-	1	.Bolt (CP6092)	-	4W0103	(1D)
19560	-	1	.Clip(CP6092)	-	AS62408	(1D)
19564	-	1	.Nut (CP6092)	-	4W0001	(1D)
19581	-	1	.Bolt (CP6090)	-	4W0001	(1D)
19584	-	1	.Clip(CP6090)	-	AS62408	(1D)
19588	-	1	.Nut (CP6090)	-	4W0043	(1D)
20125	-	1	.Bolt (CP1168)	-	4W0112	(1D)
20126	-	1	.Washer(CP1168)	-	5W1086	(1D)
20128	-	1	.Clip(CP1168)	-	400WSS8	(1D)
20130	-	1	.Spacer(CP1168)	-	UP10480	(1D)(T)
20130	-	Ref	.Spacer Sleeve (CP1168)	-	5W1031	(1D)(T)
20132	-	1	.Nut (CP1168)	-	4W0001	(1D)
20141	-	1	.Bolt (CP0248)	-	4W0115	(1D)
20142	-	1	.Washer(CP0248)	-	5W1086	(1D)
20144	-	1	.Clip(CP0248)	-	400WSS8	(1D)
20146	-	1	.Spacer(CP0248)	-	UP10481	(1D)(T)
20146	-	1	.Spacer Sleeve (CP0248)	-	5W1032	(1D)(T)
20148	-	1	.Nut (CP0248)	-	4W0001	(1D)
20576	-	1	.Clip, Loop Type(CP1397)	-	400WSS8	(1D)
22541	-	1	.Bolt (CP0578)	-	4W0108	(1D)
22542	-	2	.Washer(CP0578)	-	5W1086	(1D)
22544	-	1	.Clip(CP0578)	-	AS62404	(1D)
22548	-	1	.Nut (CP0578)	-	4W0001	(1D)
22549	-	1	.Bolt (CP1048)	-	4W0103	(1D)
22550	-	2	.Washer(CP1048)	-	5W1086	(1D)
22552	-	1	.Clip(CP1048)	-	AS62404	(1D)
22556	-	1	.Nut (CP1048)	-	4W0001	(1D)
22620	-	1	.Adaptor Lug	-	6A5531	(1D)(P)
24128	-	1	.Clip(CP0578)	-	AS62404	(1D)
24133	-	1	.Bolt (CP1036)	-	4W0103	(1D)
24134	-	1	.Washer(CP1036)	-	5W1086	(1D)
24136	-	1	.Clip(CP1036)	-	AS62404	(1D)
24140	-	1	.Nut (CP1036)	-	4W0001	(1D)
24500	-	1	.Tube Assy	-	6A6193	(B)
24525	-	1	.Bolt (CP0576)	-	4W0123	(1D)
24526	-	1	.Washer(CP0576)	-	5W1086	(1D)
24528	-	1	.Clip(CP0576)	-	AS62404	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
24530	-	1	.Spacer(CP0576)	-	UP10479	(1D)(T)
24530	-	Ref	.Spacer Sleeve (CP0576)	-	5W1030	(1D)(T)
24531	-	1	.Spacer(CP0576)	-	UP10481	(1D)(T)
24531	-	Ref	.Spacer Sleeve(CP0576)	-	5W1032	(1D)(T)
24532	-	1	.Nut (CP0576)	-	4W0001	(1D)
24533	-	1	.Bolt (CP0564)	-	4W0102	(1D)
24534	-	1	.Washer(CP0564)	-	5W1086	(1D)
24536	-	1	.Clip(CP0564)	-	AS62404	(1D)
24540	-	1	.Nut (CP0564)	-	4W0001	(1D)
24552	-	1	.Clip(CP1079)	-	AS62404	(1D)
24600	-	1	..Wire Thrust	-	AS15777	(1D)(P)
24601	-	1	..Nut Tube Coupling	-	AS15701	(1D)(P)
24602	-	1	..Ferrule Assy	-	AS15768	(1D)(P)
24618	-	1	..Adaptor Lug	-	6A5531	(1D)(P)
24640	-	1	..Wire Thrust	-	AS15777	(1D)(P)
24641	-	1	..Nut Tube Coupling	-	AS15701	(1D)(P)
24642	-	1	..Ferrule	-	K17404	(1D)(P)
24643	-	1	..Bushing	-	K12664	(1D)(P)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02136	-	1	.Clip(CP5222)	-	AS62404	(1D)
02214	-	1	..Bracket Inter Tube Support	-	UP11152	(1D)(P)
02525	-	1	.Bolt (CP0569)	-	4W0107	(1D)
02526	-	1	.Washer(CP0569)	-	5W1086	(1D)
02528	-	1	.Clip(CP0569)	-	400WSS4	(1D)
02530	-	1	.Spacer Sleeve(CP0569)	-	5W1029	(1D)
02532	-	1	.Nut (CP0569)	-	4W0001	(1D)
02533	-	1	.Bolt (CP0566)	-	4W0126	(1D)
02534	-	1	.Washer(CP0566)	-	5W1086	(1D)
02536	-	1	.Clip(CP0566)	-	400WSS4	(1D)
02538	-	1	.Spacer(CP0566)	-	UP10480	(1D)(T)
02538	-	Ref	.Spacer Sleeve(CP0566)	-	5W1031	(1D)(T)
02539	-	1	.Spacer(CP0566)	-	UP10481	(1D)(T)
02539	-	Ref	.Spacer Sleeve(CP0566)	-	5W1032	(1D)(T)
02540	-	1	.Nut (CP0566)	-	4W0001	(1D)
02541	-	1	.Bolt (CP0562)	-	4W0109	(1D)
02542	-	2	.Washer(CP0562)	-	5W1086	(1D)
02544	-	1	.Clip(CP0562)	-	400WSS4	(1D)
02546	-	1	.Spacer Sleeve(CP0562)	-	5W1029	(1D)
02548	-	1	.Nut (CP0562)	-	4W0001	(1D)
03125	-	1	.Bolt (CP0577)	-	4W0107	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
03126	-	2	.Washer(CP0577)	-	5W1086	(1D)
03128	-	1	.Clip(CP0577)	-	400WSS4	(1D)
03132	-	1	.Nut (CP0577)	-	4W0001	(1D)
06149	-	1	.Bolt (CP056)	-	4W0103	(1D)
06150	-	1	.Washer(CP0561)	-	5W1086	(1D)
06152	-	1	.Clip(CP0561)	-	400WSS4	(1D)
06156	-	1	.Nut (CP0561)	-	4W0001	(1D)
06160	-	1	.Clip(CP0565)	-	400WSS4	(1D)
06165	-	1	.Bolt (CP1037)	-	4W0103	(1D)
06166	-	1	.Washer(CP1037)	-	5W1086	(1D)
06168	-	1	.Clip(CP1037)	-	400WSS4	(1D)
06172	-	1	.Nut (CP1037)	-	4W0001	(1D)
06176	-	1	.Clip(CP1118)	-	400WSS4	(1D)
06240	-	1	..Wire Thrust	-	AS15777	(1D)(P)
06241	-	1	..Nut Tube Coupling	-	AS15701	(1D)(P)
06528	-	1	.Clip(CP0560)	-	400WSS4	(1D)
10128	-	1	.Clip(CP0569)	-	400WSS4	(1D)
10144	-	1	.Clip(CP0566)	-	400WSS4	(1D)
10149	-	1	.Clip(CP0562)	-	400WSS4	(1D)
10150	-	1	.Bolt (CP1080)	-	4W0103	(1D)
10151	-	2	.Washer(CP1080)	-	5W1086	(1D)
10152	-	1	.Clip(CP1080)	-	400WSS4	(1D)
10156	-	1	.Nut (CP1080)	-	4W0001	(1D)
10528	-	1	.Clip(CP0577)	-	400WSS4	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
06133	-	1	.Bolt (CP0568)	-	4W0114	(1D)
06134	-	2	.Washer(CP0568)	-	5W1086	(1D)
06136	-	1	.Clip Loop Type(CP0568)	-	400WSS5	(1D)
06138	-	1	.Spacer(CP0568)	-	UP10480	(1D)(T)
06138	-	Ref	.Spacer Sleeve(CP0568)	-	5W1031	(1D)(T)
06140	-	1	.Nut (CP0568)	-	4W0001	(1D)
06212	-	2	..Lug brazed	-	5W1060	(1D)(P)
06500	-	1	.Tube A/O Air No4brg Scav/V	-	5A9090	(B)
06528	-	1	.Clip Loop Type(CP0562)	-	400WSS5	(1D)
06536	-	1	.Clip Loop Type(CP0560)	-	400WSS5	(1D)
06600	-	1	..Wire thrust	-	AS15778	(1D)(P)
06601	-	1	..Nut Tube Coupling	-	AS15702	(1D)(P)
06602	-	1	..Ferrule Welding Tube	-	AS15724	(1D)(P)
06642	-	1	..Adaptor Straight Tube	-	AS15804	(1D)(P)



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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01157	-	1	.Bolt (CP5723)	-	4W0127	(1D)
01160	-	1	.Clip(CP5723)	-	TA02100	(1D)
					46FT08	
01162	-	1	.Spacer(CP5723)	-	LK56556	(1D)
01163	-	1	.Spacer(CP5723)	-	LK67295	(1D)
01164	-	1	.Nut (CP5723)	-	4W0001	(1D)
01533	-	1	.Bolt (CP0544)	-	4W0103	(1D)
01534	-	1	.Washer(CP0544)	-	5W1086	(1D)
01536	-	1	.Clip(CP0544)	-	400WSS8	(1D)
01540	-	1	.Nut (CP0544)	-	4W0001	(1D)
02100	-	1	.Tube A/O Air Hp Bleed S/Val	-	6A5337	(B)
02125	-	1	.Bolt (CP0563)	-	4W0103	(1D)
02126	-	1	.Washer(CP0563)	-	5W1086	(1D)
02128	-	1	.Clip(CP0563)	-	400WSS8	(1D)
02132	-	1	.Nut (CP0563)	-	4W0001	(1D)
02133	-	1	.Bolt (CP0560)	-	4W0108	(1D)
02134	-	2	.Washer(CP0560)	-	5W1086	(1D)
02136	-	1	.Clip(CP0560)	-	400WSS8	(1D)
02140	-	1	.Nut (CP0560)	-	4W0001	(1D)
02200	-	1	..Wire Thrust	-	AS15781	(1D)(P)
02201	-	1	..Nut Tube Coupling	-	AS15705	(1D)(P)
02202	-	1	..Ferrule Welding Tube	-	AS15730	(1D)(P)
02214	-	2	..Bracket Inter Tube Support	-	UP11155	(1D)(P)
02242	-	1	..Adaptor Straight Tube	-	AS15810	(1D)(P)
04160	-	1	.Clip(CP0537)	-	400WSS4	(1D)
04528	-	1	.Clip(CP0570)	-	400WSS4	(1D)
04614	-	1	..Bracket Inter Tube Support	-	UP11152	(1D)(P)
08160	-	1	.Clip(CP0537)	-	400WSS4	(1D)
08525	-	1	.Bolt (CP0574)	-	4W0117	(1D)
08526	-	1	.Washer(CP0574)	-	5W1086	(1D)
08528	-	1	.Clip(CP0574)	-	400WSS4	(1D)
08530	-	1	.Spacer(CP0574)	-	UP10480	(1D)(T)
08530	-	Ref	.Spacer Sleeve(CP0574)	-	5W1031	(1D)(T)
08531	-	1	.Spacer(CP0574)	-	UP10478	(1D)(T)
08531	-	Ref	.Spacer Sleeve(CP0574)	-	5W1029	(1D)(T)
08532	-	1	.Nut (CP0574)	-	4W0001	(1D)
10160	-	1	.Clip(CP0578)	-	AS62404	(1D)
10528	-	1	.Clip(CP0576)	-	AS62404	(1D)
10533	-	1	.Bolt (CP0573)	-	4W0111	(1D)
10534	-	1	.Washer(CP0573)	-	5W1086	(1D)
10536	-	1	.Clip(CP0573)	-	400WSS4	(1D)
10538	-	1	.Spacer(CP0573)	-	UP10479	(1D)(T)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
10538	-	Ref	.Spacer Sleeve(CP0573)	-	5W1030	(1D)(T)
10540	-	1	.Nut (CP0573)	-	4W0001	(1D)
10541	-	1	.Bolt (CP1171)	-	4W0103	(1D)
10542	-	1	.Washer(CP1171)	-	5W1086	(1D)
10544	-	1	.Clip(CP1171)	-	400WSS4	(1D)
10548	-	1	.Nut (CP117)	-	4W0001	(1D)
10614	-	1	..Lug Brazed	-	5W1059	(1D)(P)
11552	-	1	.Clip(CP0577)	-	400WSS4	(1D)
11614	-	1	..Bracket Inter Tube Support	-	UP11152	(1D)(P)
12149	-	1	.Bolt (CP0570)	-	4W0104	(1D)
12150	-	2	.Washer(CP0570)	-	5W1086	(1D)
12152	-	1	.Clip(CP0570)	-	400WSS4	(1D)
12156	-	1	.Nut (CP0570)	-	4W0001	(1D)
12165	-	1	.Bolt (CP1078)	-	4W0103	(1D)
12166	-	1	.Washer(CP1078)	-	5W1086	(1D)
12168	-	1	.Clip(CP1078)	-	400WSS4	(1D)
12172	-	1	.Nut (CP1078)	-	4W0001	(1D)
12173	-	1	.Bolt (CP0572)	-	4W0103	(1D)
12174	-	1	.Washer(CP0572)	-	5W1086	(1D)
12176	-	1	.Clip(CP0572)	-	400WSS4	(1D)
12180	-	1	.Nut (CP0572)	-	4W0001	(1D)
12241	-	2	..Lug Brazed	-	5W1059	(1D)(P)
13165	-	1	.Bolt (CP6093)	-	4W0105	(1D)
13168	-	1	.Clip(CP6093)	-	AS62404	(1D)
13170	-	1	.Spacer(CP6093)	-	LK64582	(1D)
13172	-	1	.Nut (CP6093)	-	4W0043	(1D)
13500	-	1	.Tube Assy Air Hp Comp 7 bld	-	5A8776	(B)
13557	-	1	.Bolt (CP5641)	-	4W0125	(1D)
13560	-	1	.Clip(CP5641)	-	AS62404	(1D)
13562	-	1	.Spacer(CP5641)	-	UP10480	(1D)(T)
13562	-	Ref	.Spacer Sleeve(CP5641)	-	5W1031	(1D)(T)
13563	-	1	.Spacer(CP5641)	-	LK51288	(1D)
13564	-	1	.Nut (CP5641)	-	4W0043	(1D)
13565	-	1	.Bolt (CP5643)	-	4W0103	(1D)
13568	-	1	.Clip(CP5643)	-	AS62404	(1D)
13572	-	1	.Nut (CP5643)	-	4W0001	(1D)
13600	-	2	..Wire Thrust	-	AS15777	(1D)(P)
13601	-	2	..Nut Tube Coupling	-	AS15701	(1D)(P)
13602	-	1	..Ferrule Assy	-	AS15768	(1D)(P)
13640	-	1	..Wire Thrust	-	AS15777	(1D)(P)
13641	-	1	..Nut Tube Coupling	-	AS15701	(1D)(P)
13642	-	1	..Ferru e Assy Elbow	-	5W8143	(1D)(P)
14144	-	1	.Clip(CP6077)	-	AS62404	(1D)
14157	-	1	.Bolt (CP6089)	-	4W0102	(1D)
14160	-	1	.Clip(CP6089)	-	AS62404	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
14164	-	1	.Nut (CP6089)	-	4W0043	(1D)
14500	-	1	.Tube A/O Air	-	5A8755	(B)
14544	-	1	.Clip(CP5450)	-	400WSS4	(1D)
14549	-	1	.Bolt (CP5397)	-	4W0102	(1D)
14550	-	1	.Washer(CP5397)	-	5W1086	(1D)
14552	-	1	.Clip(CP5397)	-	400WSS4	(1D)
14556	-	1	.Nut (CP5397)	-	4W0043	(1D)
14560	-	1	.Clip(CP5641)	-	AS62404	(1D)
14568	-	1	.Clip(CP5643)	-	AS62404	(1D)
14573	-	1	.Bolt (CP5675)	-	4W0112	(1D)
14576	-	1	.Clip(CP5675)	-	AS62404	(1D)
14578	-	1	.Spacer(CP5675)	-	UP10480	(1D)(T)
14578	-	Ref	.Spacer Sleeve(CP5675)	-	5W1031	(1D)(T)
14580	-	1	.Nut (CP5675)	-	4W0043	(1D)
14602	-	1	..Adaptor	-	AS15802	(1D)(P)
14640	-	1	..Wire thrust	-	AS15777	(1D)(P)
14641	-	1	..Nut Tube Coupling	-	AS15701	(1D)(P)
14642	-	1	..Ferrule Assy Elbow	-	5W8143	(1D)(P)
15168	-	1	.Clip(CP6092)	-	AS62404	(1D)
15176	-	1	.Clip(CP6091)	-	AS62404	(1D)
15500	-	1	.Tube A/O-Air	-	6A6020	(B)
15568	-	1	.Clip(CP5675)	-	AS62404	(1D)
15576	-	1	.Clip(CP5595)	-	AS62404	(1D)
15592	-	1	.Clip(CP5659)	-	AS62404	(1D)
15600	-	1	..Wire thrust	-	AS15777	(1D)(P)
15601	-	1	..Nut Tube Coupling	-	AS15701	(1D)(P)
15602	-	1	..Ferrule assy	-	AS15768	(1D)(P)
15614	-	1	..Bracket Inter Tube Support	-	UP11152	(1D)(P)
15640	-	1	..Wire thrust	-	AS15777	(1D)(P)
15641	-	1	..Nut Tube Coupling	-	AS15701	(1D)(P)
15642	-	1	..Ferrule	-	K17404	(1D)(P)
15645	-	1	..Bushing	-	K12664	(1D)(P)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
10141	-	1	.Bolt (CP6080)	-	4W0112	(1D)
10144	-	1	.Clip(CP6080)	-	AS62412	(1D)
10146	-	1	.Spacer(CP6080)	-	LK42781	(1D)
10148	-	1	.Nut (CP6080)	-	4W0001	(1D)
10154	-	1	.Spacer(CP6081)	-	LK69353	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01549	-	1	.Bolt (CP5223)	-	4W0103	(1D)
01550	-	1	.Washer(CP5223)	-	5W1086	(1D)
01553	-	1	.Clip (CP5223)	-	5W1115	(1D)
01556	-	1	.Nut (CP5223)	-	4W0001	(1D)
01557	-	1	.Bolt (CP5222)	-	4W0129	(1D)
01560	-	1	.Clip (CP5222)	-	5W1115	(1D)
01562	-	1	.Spacer(CP522)	-	LK64582	(1D)
01563	-	1	.Spacer(CP5222)	-	LK42781	(1D)
01564	-	1	.Nut (CP5222)	-	4W0001	(1D)
01565	-	1	.Bolt (CP6068)	-	4W0109	(1D)
01566	-	1	.Bracket	-	745-5081 -501	(B)
01568	-	1	.Clamp Loop Style Cushion (CP6068)	-	TA0250 22-12	(1D)
01570	-	1	.Spacer(CP6068)	-	UP10479	(1D)(T)
01570	-	Ref	.Spacer Sleeve(CP6068)	-	5W1030	(1D)(T)
01572	-	1	.Nut (CP6068)	-	4W0043	(1D)
01575	-	1	.Bolt(CP5942)	-	4W0106	(1D)
01578	-	1	.Spacer(CP5942)	-	UP10478	(1D)
01580	-	1	.Nut,Opt ion(CP5942)	-	4W0001	(1D)
02125	-	1	.Bolt (CP0565)	-	4W0104	(1D)
02126	-	2	.Washer(CP0565)	-	5W1086	(1D)
02128	-	1	.Clip(CP0565)	-	AS62412	(1D)
02132	-	1	.Nut (CP0565)	-	4W0001	(1D)
02133	-	1	.Bolt (CP1079)	-	4W0113	(1D)
02134	-	1	.Washer(CP1079)	-	5W1086	(1D)
02136	-	1	.Clip Loop Type(CP1079)	-	400WSS12	(1D)
02138	-	1	.Spacer(CP1079)	-	UP10478	(1D)(T)
02138	-	Ref	.Spacer Sleeve(CP1079)	-	5W1029	(1D)(T)
02139	-	1	.Spacer(CP1079)	-	UP10479	(1D)
02140	-	1	.Nut (CP1079)	-	4W0001	(1D)
02141	-	1	.Bolt (CP1118)	-	4W0104	(1D)
02142	-	2	.Washer(CP1118)	-	5W1086	(1D)
02144	-	1	.Clip Loop Type(CP1118)	-	400WSS12	(1D)
02148	-	1	.Nut (CP1118)	-	4W0001	(1D)
03149	-	1	.Bolt (CP6102)	-	4W0105	(1D)
03152	-	1	.Clip(CP6102)	-	AS62416	(1D)
03154	-	1	.Spacer(CP6102)	-	LK64582	(1D)
03156	-	1	.Nut (CP6102)	-	4W0043	(1D)
03212	-	4	..Bracket Inter Tube Support	-	UP11158	(1D)(P)
04128	-	1	.Clip Loop Type(CP0560)	-	400WSS16	(1D)
04525	-	1	.Bolt (CP0558)	-	4W0103	(1D)
04526	-	1	.Washer(CP0558)	-	5W1086	(1D)
04528	-	1	.Clip(CP0558)	-	AS62416	(1D)
04532	-	1	.Nut (CP0558)	-	4W0043	(1D)
04533	-	1	.Bolt (CP0556)	-	4W0102	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
04534	-	1	.Washer(CP0556)	-	5W1086	(1D)
04536	-	1	.Clip(CP0556)	-	AS62416	(1D)
04540	-	1	.Nut (CP0556)	-	4W0043	(1D)
04600	-	2	..Wire thrust	-	AS15785	(1D)(P)
04601	-	2	..Nut Tube Coupling	-	AS15709	(1D)(P)
04614	-	7	..Lug brazed	-	5W1067	(1D)(P)
04622	-	1	..Connector Tee	-	5W8126	(1D)(P)
12180	-	1	.Bolt(CP1399)	-	AS21420	(1D)
12182	-	1	.Spacer(CP1399)	-	ST1698D50	(1D)
12184	-	1	.Washer(CP1399)	-	SP154D	(1D)
12185	-	1	.Nut,Opt ion(CP1399)	-	4W0001	(1D)
12186	-	1	.Bolt(CP1398)	-	4W0103	(1D)
12189	-	1	.Washer(CP1398)	-	SP154D	(1D)
12190	-	1	.Nut,Opt ion(CP1398)	-	4W0001	(1D)
12191	-	1	.Bolt(CP1397)	-	4W0106	(1D)
12193	-	1	.Clip,Loop Type(CP1397)	-	400WSS4	(1D)
12195	-	1	.Spacer(CP1397)	-	ST1698D47	(1D)
12197	-	1	.Washer(CP1397)	-	SP154D	(1D)
12198	-	1	.Nut,Option(CP1397)	-	4W0001	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02100	-	1	.Tube A/O-Air	-	6A2140	(B)
02136	-	1	.Clip (CP0576)	-	AS62404	(1D)
02528	-	1	.Clip (CP0578)	-	AS62404	(1D)
02552	-	1	.Clip (CP1080)	-	400WSS4	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01129	-	1	.Clamp Loop Assy Elec Harness (CP1040)	-	AS62515	(1D)
01142	-	1	.Bolt (See Appendix 5)(CP0250)	-	4W0103	(1D)
01143	-	1	.Washer(CP0250)	-	5W1086	(1D)
01145	-	Ref	.Clamp Loop Style Cushion (CP0250)	-	AS61914	(1D)(T)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01145	-	1	.Clamp Loop Style Cushion (CP0250)	-	TA0250 74-16	(1D)(T)
01149	-	1	.Nut (See Appendix 5)(CP0250)	-	4W0001	(1D)
01150	-	1	.Bolt (See Appendix 5)(CP0251)	-	4W0109	(1D)
01151	-	1	.Washer(CP0251)	-	5W1086	(1D)
01153	-	Ref	.Clamp Loop Style Cushion (CP0251)	-	AS61914	(1D)(T)
01153	-	1	.Clamp Loop Style Cushion (CP0251)	-	TA0250 74-16	(1D)(T)
01155	-	Ref	.Spacer Sleeve(CP0251)	-	5W1030	(1D)(T)
01155	-	1	.Spacer(CP0251)	-	UP10479	(1D)(T)
01157	-	1	.Nut (See Appendix 5)(CP0251)	-	4W0001	(1D)
01166	-	1	.Bolt (See Appendix 5)(CP1174)	-	4W0103	(1D)
01167	-	1	.Washer(CP1174)	-	5W1086	(1D)
01169	-	1	.Clamp Loop Assy Elec Harness (CP1174)	-	AS62515	(1D)
01173	-	1	.Nut (See Appendix 5)(CP1174)	-	4W0001	(1D)
01174	-	1	.Bolt (See Appendix 5)(CP0254)	-	4W0107	(1D)
01175	-	1	.Washer(CP0254)	-	5W1086	(1D)
01177	-	1	.Clamp Loop Assy Elec Harness (CP0254)	-	AS62509	(1D)
01178	-	Ref	.Clamp Loop Style Cushion (CP0254)	-	AS61908	(1D)(T)
01178	-	1	.Clamp Loop Style Cushion (CP0254)	-	TA0250 74-10	(1D)(T)
01179	-	1	.Spacer(CP0254)	-	UP10478	(1D)
01181	-	1	.Nut (See Appendix 5)(CP0254)	-	4W0001	(1D)
01486	-	1	.Bolt (See Appendix 5)(CP0535)	-	4W0164	(1D)
01487	-	1	.Washer(CP0535)	-	5W1088	(1D)
01489	-	1	.Clip (CP0535)	-	FEC3002 -24B	(1D)
01493	-	1	.Nut (See Appendix 5)(CP0535)	-	4W0002	(1D)
01494	-	1	.Bolt (See Appendix 5)(CP0536)	-	4W0164	(1D)
01495	-	1	.Washer(CP0536)	-	5W1088	(1D)
01497	-	1	.Clip (CP0536)	-	FEC3002 -24B	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01501	-	1	.Nut (See Appendix 5)(CP0536)	-	4W0002	(1D)
01510	-	1	.Bolt (See Appendix 5)(CP0538)	-	4W0165	(1D)
01511	-	1	.Washer(CP0538)	-	5W1088	(1D)
01513	-	1	.Clip (CP0538)	-	FEC3002 -24B	(1D)
01517	-	1	.Nut (See Appendix 5)(CP0538)	-	4W0002	(1D)
01526	-	1	.Bolt (See Appendix 5)(CP0540)	-	4W0103	(1D)
01527	-	1	.Washer(CP0540)	-	5W1086	(1D)
01529	-	1	.Clamp Loop Assy Elec Harne- ss(CP0540)	-	AS62515	(1D)
01533	-	1	.Nut (See Appendix 5)(CP0540)	-	4W0001	(1D)
01534	-	1	.Bolt (See Appendix 5)(CP0541)	-	4W0109	(1D)
01535	-	1	.Washer(CP0541)	-	5W1086	(1D)
01537	-	1	.Clamp Loop Assy Elec Harness (CP0541)	-	AS62515	(1D)
01539	-	Ref	.Spacer Sleeve(CP0541)	-	5W1030	(1D)(T)
01539	-	1	.Spacer(CP0541)	-	UP10479	(1D)(T)
01541	-	1	.Nut (See Appendix 5) (CP0541)	-	4W0001	(1D)
01558	-	1	.Bolt (See Appendix 5)(CP1170)	-	4W0106	(1D)
01559	-	1	.Washer(CP1170)	-	5W1086	(1D)
01561	-	Ref	.Clamp Loop Style Cushion (CP1170)	-	AS61914	(1D)(T)
01561	-	1	.Clamp Loop Style Cushion (CP1170)	-	TA0250 74-16	(1D)(T)
01563	-	Ref	.Spacer Sleeve(CP1170)	-	5W1029	(1D)(T)
01563	-	1	.Spacer(CP1170)	-	UP10478	(1D)(T)
01565	-	1	.Nut (See Appendix 5)(CP1170)	-	4W0001	(1D)
02221	-	1	.Bolt (See Appendix 5)(CP1064)	-	4W0164	(1D)
02222	-	1	.Washer(CP1064)	-	5W1088	(1D)
02224	-	1	.Clip (CP1064)	-	FEC3002 -24B	(1D)
02228	-	1	.Nut (See Appendix 5)(CP1064)	-	4W0002	(1D)
02333	-	1	.Bolt (See Appendix 5)(CP1086)	-	4W0106	(1D)
02334	-	1	.Washer(CP1086)	-	5W1086	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02336	-	1	.Clamp Loop Assy Elec Harness(CP1086)	-	AS62515	(1D)
02338	-	Ref	.Spacer Sleeve(CP1086)	-	5W1029	(1D)(T)
02338	-	1	.Spacer(CP1086)	-	UP10478	(1D)(T)
02340	-	1	.Nut (See Appendix 5)(CP1086)	-	4W0001	(1D)
02341	-	1	.Bolt (See Appendix 5)(CP1172)	-	4W0103	(1D)
02342	-	1	.Washer(CP1172)	-	5W1086	(1D)
02344	-	1	.Clamp Loop Style Cushion (CP1172)	-	AS62516	(1D)
02348	-	1	.Nut (See Appendix 5)(CP1172)	-	4W0001	(1D)
02540	-	1	.Clamp Loop Assy Elec Harness(CP1141)	-	AS62515	(1D)
02542	-	1	.Bolt (See Appendix 5)(CP1141)	-	4W0107	(1D)
02544	-	3	.Washer (See Appendix 5)(CP1141)	-	4W2621	(1D)
02548	-	1	.Nut (See Appendix 5)(CP1141)	-	4W0001	(1D)
07025	-	1	.Bolt (See Appendix 5)(CP1173)	-	4W0106	(1D)
07026	-	1	.Washer(CP1173)	-	5W1086	(1D)
07028	-	1	.Clamp Loop Assy Elec Harness (CP1173)	-	AS62515	(1D)
07030	-	Ref	.Spacer Sleeve(CP1173)	-	5W1029	(1D)(T)
07030	-	1	.Spacer(CP1173)	-	UP10478	(1D)(T)
07032	-	1	.Nut (See Appendix 5)(CP1173)	-	4W0001	(1D)

71-51-43

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01485	-	Ref	.Clamp,Loop(CP0537)	-	AS61908	(1D)(T)
01485	-	1	.Clamp,Loop(CP0537)	-	TA0250 74-10	(1D)(T)

71-51-44



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01070	-	1	.Bolt (See Appendix 5)(CP0545)	-	4W0103	(1D)
01071	-	1	.Washer(CP0545)	-	5W1086	(1D)
01073	-	Ref	.Clamp Loop Style Cushion (CP0545)	-	AS61933	(1D)(T)
01073	-	1	.Clamp Loop Style Cushion (CP0545)	-	TA0250 74-03	(1D)(T)
01077	-	1	.Nut (See Appendix 5)(CP0545)	-	4W0001	(1D)
01081	-	Ref	.Clamp Loop Style Cushion (CP0568)	-	AS61933	(1D)(T)
01081	-	1	.Clamp Loop Style Cushion (CP0568)	-	TA0250 74-03	(1D)(T)
01246	-	1	.Bolt (See Appendix 5)(CP1089)	-	4W0103	(1D)
01247	-	1	.Washer(CP1089)	-	5W1086	(1D)
01249	-	1	.Clamp Loop Assy Elec Harness (CP1089)	-	AS62515	(1D)
01253	-	1	.Nut (See Appendix 5)(CP1089)	-	4W0001	(1D)
01254	-	1	.Bolt (See Appendix 5)(CP1090)	-	4W0103	(1D)
01255	-	1	.Washer(CP1090)	-	5W1086	(1D)
01257	-	1	.Clamp Loop Assy Elec Harness(CP1090)	-	AS62515	(1D)
01261	-	1	.Nut (See Appendix 5)(CP1090)	-	4W0001	(1D)
01270	-	1	.Bolt (See Appendix 5)(CP6091)	-	4W0103	(1D)
01273	-	1	.Clamp Loop Style Cushion (CP6091)	-	AS62514	(1D)
01277	-	1	.Nut (See Appendix 5)(CP6091)	-	4W0001	(1D)
01318	-	1	.Bolt (See Appendix 5)(CP6103)	-	4W0108	(1D)
01321	-	1	.Clamp Loop Assy Elec Harness(CP6103)	-	AS62515	(1D)
01323	-	1	.Spacer(CP6103)	-	LK69353	(1D)
01325	-	1	.Nut (See Appendix 5)(CP6103)	-	4W0043	(1D)

71-51-50



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01117	-	1	.Bolt (See Appendix 5) (CP0537)	-	4W0126	(1D)
01118	-	2	.Washer(CP0537)	-	5W1086	(1D)
01120	-	1	.Clip(CP0537)	-	400WSS8	(1D)
01122	-	Ref	.Spacer Sleeve(CP0537)	-	5W1031	(1D)(T)
01122	-	2	.Spacer(CP0537)	-	UP10480	(1D)(T)
01124	-	1	.Nut (See Appendix 5)(CP0537)	-	4W0001	(1D)

71-52-41

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01240	-	Ref	.Clamp, Loop(CP5222)	-	AS61933	(1D)(T)
01240	-	1	.Clamp, Loop(CP5222)	-	TA0250 74-03	(1D)(T)

71-52-42

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01080	4W0102	1	.Bolt, Machine Double (CP6126)	-	-	(A)
01081	SP154D	1	.Washer (CP6126)	-	-	(A)
01083	TA0250 74-05	1	.Clamp, Loop (CP6126)	-	-	(A)(T)
01083	AS61903	Ref	.Clamp, Loop (CP6126)	-	-	(A)(T)
01087	4W0001	1	.Nut, Option (CP6126)	-	-	(A)

71-52-43

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01110	-	1	.Bolt (See Appendix 5)(CP5678)	-	4W0108	(1D)
01113	-	1	.Clamp Loop Assy Elec Harness (CP5678)	-	AS62515	(1D)
01115	-	1	.Spacer(CP5678)	-	LK69353	(1D)
01117	-	1	.Nut (See Appendix 5)(CP5678)	-	4W0043	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
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01518	-	1	.Bolt (See Appendix 5)(CP6094)	-	4W0102	(1D)
01525	-	1	.Nut (See Appendix 5)(CP6094)	-	4W0001	(1D)

71-71-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
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01533	-	1	.Bolt(CP5835)	-	AS21408	(1D)
01534	-	1	.Washer (CP5835)	-	SP154D	(1D)
01536	-	1	.Clip,Loop Type(CP5835)	-	400WSS4	
01540	-	1	.Nut,Option(CP5835)	-	4W0001	(1D)
01545	-	1	.Clip,Loop Type(CP6081)	-	400WSS4	(1D)

72-38-25

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
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01312	-	2	.Washer (See Appendix 5)	-	4W2622	(1D)
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72-60-10

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
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01456	-	1	.Bracket	-	740-5714 -507	(B)
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73-11-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
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08144	-	1	.Clip,Loop Type(CP1398)	-	400WSS12	(1D)
09170	-	1	.Spacer (CP6078)	-	LK51288	(1D)
09186	-	1	.Spacer(CP6077)	-	LK64582	(1D)
10141	-	1	.Bolt (See Appendix 5)(CP1040)	-	4W0128	(1D)
10142	-	2	.Washer(CP1040)	-	K8831	(1D)
10144	-	1	.Clip(CP1040)	-	AS62408	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
10146	-	1	.Spacer(CP1040)	-	6A4826	(B)
10148	-	1	.Nut (See Appendix 5)(CP1040)	-	4W0001	(1D)
10576	-	1	.Clip,Loop Type(CP1399)	-	400WSS8	(1D)
11176	-	1	.Clip(CP6077)	-	AS62408	(1D)
19557	-	1	.Bolt (See Appendix 5)(CP6092)	-	4W0103	(1D)
19560	-	1	.Clip(CP6092)	-	AS62408	(1D)
19564	-	1	.Nut (See Appendix 5)(CP6092)	-	4W0001	(1D)
19581	-	1	.Bolt (See Appendix 5)(CP6090)	-	4W0102	(1D)
19584	-	1	.Clip(CP6090)	-	AS62408	(1D)
19588	-	1	.Nut (See Appendix 5)(CP6090)	-	4W0043	(1D)
20125	-	1	.Bolt (See Appendix 5)(CP1168)	-	4W0112	(1D)
20126	-	1	.Washer(CP1168)	-	5W1086	(1D)
20128	-	1	.Clip(CP1168)	-	400WSS8	(1D)
20130	-	Ref	.Spacer Sleeve(CP1168)	-	5W1031	(1D)(T)
20130	-	1	.Spacer(CP1168)	-	UP10480	(1D)(T)
20132	-	1	.Nut (See Appendix 5)(CP1168)	-	4W0001	(1D)
20141	-	1	.Bolt (See Appendix 5)(CP0248)	-	4W0115	(1D)
20142	-	1	.Washer(CP0248)	-	5W1086	(1D)
20144	-	1	.Clip(CP0248)	-	400WSS8	(1D)
20146	-	Ref	.Spacer Sleeve(CP0248)	-	5W1032	(1D)(T)
20146	-	1	.Spacer(CP0248)	-	UP10481	(1D)(T)
20148	-	1	.Nut (See Appendix 5)(CP0248)	-	4W0001	(1D)
20149	-	1	.Bolt (See Appendix 5)(CP0758)	-	4W0103	(1D)
20150	-	2	.Washer(CP0758)	-	5W1086	(1D)
20152	-	1	.Clip(CP0758)	-	400WSS8	(1D)
20156	-	1	.Nut (See Appendix 5)(CP0758)	-	4W0001	(1D)
20576	-	1	.Clip,Loop Type(CP1397)	-	400WSS8	(1D)
22541	-	1	.Bolt (See Appendix 5)(CP0578)	-	4W0108	(1D)
22542	-	2	.Washer(CP0578)	-	5W1086	(1D)
22544	-	1	.Clip(CP0578)	-	AS62404	(1D)
22548	-	1	.Nut (See Appendix 5)(CP0578)	-	4W0001	(1D)
22549	-	1	.Bolt (See Appendix 5)(CP1048)	-	4W0103	(1D)
22550	-	2	.Washer(CP1048)	-	5W1086	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
22552	-	1	.Clip(CP1048)	-	AS62404	(1D)
22556	-	1	.Nut (See Appendix 5)(CP1048)	-	4W0001	(1D)
24128	-	1	.Clip(CP0578)	-	AS62404	(1D)
24133	-	1	.Bolt (See Appendix 5)(CP1036)	-	4W0103	(1D)
24134	-	1	.Washer(CP1036)	-	5W1086	(1D)
24136	-	1	.Clip(CP1036)	-	AS62404	(1D)
24140	-	1	.Nut (See Appendix 5)(CP1036)	-	4W0001	(1D)
24500	-	1	.Tube Assy	-	6A6193	(B)
24525	-	1	.Bolt (See Appendix 5)(CP0576)	-	4W0123	(1D)
24526	-	1	.Washer(CP0576)	-	5W1086	(1D)
24528	-	1	.Clip(CP0576)	-	AS62404	(1D)
24530	-	Ref	.Spacer Sleeve(CP0576)	-	5W1030	(1D)(T)
24530	-	1	.Spacer(CP0576)	-	UP10479	(1D)(T)
24531	-	Ref	.Spacer Sleeve(CP0576)	-	5W1032	(1D)(T)
24531	-	1	.Spacer(CP0576)	-	UP10481	(1D)(T)
24532	-	1	.Nut (See Appendix 5)(CP0576)	-	4W0001	(1D)
24533	-	1	.Bolt (See Appendix 5)(CP0564)	-	4W0102	(1D)
24534	-	1	.Washer(CP0564)	-	5W1086	(1D)
24536	-	1	.Clip(CP0564)	-	AS62404	(1D)
24540	-	1	.Nut (See Appendix 5)(CP0564)	-	4W0001	(1D)
24541	-	1	.Bolt (See Appendix 5)(CP0602)	-	4W0102	(1D)
24542	-	1	.Washer(CP0602)	-	5W1086	(1D)
24544	-	1	.Clip(CP0602)	-	AS62404	(1D)
24548	-	1	.Nut (See Appendix 5)(CP0602)	-	4W0001	(1D)
24552	-	1	.Clip(CP1079)	-	AS62404	(1D)

73-22-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02136	-	1	.Clip(CP5222)	-	AS62404	(1D)
02526	-	1	.Washer(CP0569)	-	5W1086	(1D)
02528	-	1	.Clip(CP0569)	-	400WSS4	(1D)
02532	-	1	.Nut (See Appendix 5)(CP0569)	-	4W0001	(1D)
02534	-	1	.Washer(CP0566)	-	5W1086	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02536	-	1	.Clip(CP0566)	-	400WSS4	(1D)
02538	-	Ref	.Spacer Sleeve(CP0566)	-	5W1031	(1D)(T)
02538	-	1	.Spacer(CP0566)	-	UP10480	(1D)(T)
02539	-	Ref	.Spacer Sleeve(CP0566)	-	5W1032	(1D)(T)
02539	-	1	.Spacer(CP0566)	-	UP10481	(1D)(T)
02540	-	1	.Nut (See Appendix 5)(CP0566)	-	4W0001	(1D)
02544	-	1	.Clip(CP0562)	-	400WSS4	(1D)
02548	-	1	.Nut (See Appendix 5)(CP0562)	-	4W0001	(1D)
03126	-	2	.Washer(CP0577)	-	5W1086	(1D)
03128	-	1	.Clip(CP0577)	-	400WSS4	(1D)
03132	-	1	.Nut (See Appendix 5)(CP0577)	-	4W0001	(1D)
06149	-	1	.Bolt (See Appendix 5)(CP0561)	-	4W0103	(1D)
06150	-	1	.Washer(CP0561)	-	5W1086	(1D)
06152	-	1	.Clip(CP0561)	-	400WSS4	(1D)
06156	-	1	.Nut (See Appendix 5)(CP0561)	-	4W0001	(1D)
06160	-	1	.Clip (CP0565)	-	400WSS4	(1D)
06165	-	1	.Bolt (See Appendix 5)(CP1037)	-	4W0103	(1D)
06166	-	1	.Washer (CP1037)	-	5W1086	(1D)
06168	-	1	.Clip (CP1037)	-	400WSS4	(1D)
06172	-	1	.Nut (See Appendix 5)(CP1037)	-	4W0001	(1D)
06176	-	1	.Clip (CP1118)	-	400WSS4	(1D)
06528	-	1	.Clip (CP0560)	-	400WSS4	(1D)
10150	-	1	.Bolt (See Appendix 5)(CP1080)	-	4W0103	(1D)
10151	-	2	.Washer (CP1080)	-	5W1086	(1D)
10152	-	1	.Clip (CP1080)	-	400WSS4	(1D)
10156	-	1	.Nut (See Appendix 5)(CP1080)	-	4W0001	(1D)

75-22-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
06133	-	1	.Bolt (See Appendix 5)(CP0568)	-	4W0114	(1D)
06134	-	2	.Washer (CP0568)	-	5W1086	(1D)
06136	-	1	.Clip Loop Type (CP0568)	-	400WSS5	(1D)
06138	-	Ref	.Spacer Sleeve (CP0568)	-	5W1031	(1D)(T)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
06138	-	1	.Spacer (CP0568)	-	UP10480	(1D)(T)
06140	-	1	.Nut (See Appendix 5) (CP0568)	-	4W0001	(1D)
06500	-	1	.Tube A/O Air No4 brg Scav/V	-	5A9090	(B)
06528	-	1	.Clip Loop Type (CP0562)	-	400WSS5	(1D)
06536	-	1	.Clip Loop Type (CP0560)	-	400WSS5	(1D)

75-23-48

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02144	-	1	.Clip (CP0581)	-	400WSS4	(1D)
02536	-	1	.Clip (CP0758)	-	400WSS4	(1D)

75-32-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01157	-	1	.Bolt (See Appendix 5) (CP5723)	-	4W0127	(1D)
01160	-	1	.Clip (CP5723)	-	TA0210046 FT08	(1D)
01162	-	1	.Spacer (CP5723)	-	LK56556	(1D)
01163	-	1	.Spacer (CP5723)	-	LK67295	(1D)
01164	-	1	.Nut (See Appendix 5) (CP5723)	-	4W0001	(1D)
01533	-	1	.Bolt (See Appendix 5) (CP0544)	-	4W0103	(1D)
01534	-	1	.Washer (CP0544)	-	5W1086	(1D)
01536	-	1	.Clip (CP0544)	-	400WSS8	(1D)
01540	-	1	.Nut (See Appendix 5) (CP0544)	-	4W0001	(1D)
02100	-	1	.Tube A/O Air HP Bleed S/Val	-	6A5337	(B)
02125	-	1	.Bolt (See Appendix 5) (CP0563)	-	4W0103	(1D)
02126	-	1	.Washer (CP0563)	-	5W1086	(1D)
02128	-	1	.Clip (CP0563)	-	400WSS8	(1D)
02132	-	1	.Nut (See Appendix 5) (CP0563)	-	4W0001	(1D)
02133	-	1	.Bolt (See Appendix 5) (CP0560)	-	4W0108	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02134	-	2	.Washer (CP0560)	-	5W1086	(1D)
02136	-	1	.Clip (CP0560)	-	400WSS8	(1D)
02140	-	1	.Nut (See Appendix 5) (CP0560)	-	4W0001	(1D)
04160	-	1	.Clip (CP0537)	-	400WSS4	(1D)
04528	-	1	.Clip (CP0570)	-	400WSS4	(1D)
08160	-	1	.Clip (CP0537)	-	400WSS4	(1D)
08525	-	1	.Bolt (See Appendix 5) (CP0574)	-	4W0117	(1D)
08526	-	1	.Washer (CP0574)	-	5W1086	(1D)
08528	-	1	.Clip (CP0574)	-	400WSS4	(1D)
08530	-	Ref	.Spacer Sleeve (CP0574)	-	5W1031	(1D)(T)
08530	-	1	.Spacer (CP0574)	-	UP10480	(1D)(T)
08531	-	Ref	.Spacer Sleeve (CP0574)	-	5W1029	(1D)(T)
08531	-	1	.Spacer (CP0574)	-	UP10478	(1D)(T)
08532	-	1	.Nut (See Appendix 5) (CP0574)	-	4W0001	(1D)
10160	-	1	.Clip (CP0578)	-	AS62404	(1D)
10528	-	1	.Clip (CP0576)	-	AS62404	(1D)
10533	-	1	.Bolt (See Appendix 5) (CP0573)	-	4W0111	(1D)
10534	-	1	.Washer (CP0573)	-	5W1086	(1D)
10536	-	1	.Clip (CP0573)	-	400WSS4	(1D)
10538	-	Ref	.Spacer Sleeve (CP0573)	-	5W1030	(1D)(T)
10538	-	1	.Spacer (CP0573)	-	UP10479	(1D)(T)
10540	-	1	.Nut (See Appendix 5) (CP0573)	-	4W0001	(1D)
10541	-	1	.Bolt (See Appendix 5) (CP1171)	-	4W0103	(1D)
10542	-	1	.Washer (CP1171)	-	5W1086	(1D)
10544	-	1	.Clip (CP1171)	-	400WSS4	(1D)
10548	-	1	.Nut (See Appendix 5) (CP1171)	-	4W0001	(1D)
11552	-	1	.Clip (CP0577)	-	400WSS4	(1D)
12149	-	1	.Bolt (See Appendix 5) (CP0570)	-	4W0104	(1D)
12150	-	2	.Washer (CP0570)	-	5W1086	(1D)
12152	-	1	.Clip (CP0570)	-	400WSS4	(1D)
12156	-	1	.Nut (See Appendix 5) (CP0570)	-	4W0001	(1D)
12165	-	1	.Bolt (See Appendix 5) (CP1078)	-	4W0123	(1D)
12166	-	1	.Washer (CP1078)	-	5W1086	(1D)
12168	-	1	.Clip (CP1078)	-	400WSS4	(1D)
12172	-	1	.Nut (See Appendix 5) (CP1078)	-	4W0001	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
12173	-	1	.Bolt (See Appendix 5) (CP0572)	-	4W0103	(1D)
12174	-	1	.Washer (CP0572)	-	5W1086	(1D)
12176	-	1	.Clip (CP0572)	-	400WSS4	(1D)
12180	-	1	.Nut (See Appendix 5) (CP0572)	-	4W0001	(1D)
13165	-	1	.Bolt (See Appendix 5) (CP6093)	-	4W0105	(1D)
13168	-	1	.Clip (CP6093)	-	AS62404	(1D)
13170	-	1	.Spacer (CP6093)	-	LK64582	(1D)
13172	-	1	.Nut (See Appendix 5) (CP6093)	-	4W0043	(1D)
13500	-	1	.Tube Assy Air Hp Comp 7 bld	-	5A8776	(B)
13557	-	1	.Bolt (See Appendix 5)(CP5641)	-	4W0125	(1D)
13560	-	1	.Clip (CP5641)	-	AS62404	(1D)
13562	-	1	.Spacer (CP5641)	-	UP10480	(1D)
13563	-	1	.Spacer (CP5641)	-	LK51288	(1D)
13564	-	1	.Nut (See Appendix 5)(CP5641)	-	4W0043	(1D)
13565	-	1	.Bolt (CP5643)	-	4W0103	(1D)
13568	-	1	.Clip (CP5643)	-	AS62404	(1D)
13572	-	1	.Nut (CP5643)	-	4W0001	(1D)
14144	-	1	.Clip (CP6077)	-	AS62404	(1D)
14157	-	1	.Bolt (See Appendix 5) (CP6089)	-	4W0102	(1D)
14160	-	1	.Clip (CP6089)	-	AS62404	(1D)
14164	-	1	.Nut (See Appendix 5) (CP6089)	-	4W0043	(1D)
14500	-	1	.Tube A/O Air	-	5A8755	(B)
14560	-	1	.Clip (CP5641)	-	AS62404	(1D)
14568	-	1	.Clip (CP5643)	-	AS62404	(1D)
14573	-	1	.Bolt (CP5675)	-	4W0112	(1D)
14576	-	1	.Clip (CP5675)	-	AS62404	(1D)
14578	-	1	.Spacer (CP5675)	-	UP10480	(1D)(T)
14578	-	Ref	.Spacer Sleeve (CP5675)	-	5W1031	(1D)(T)
14580	-	1	.Nut (CP5675)	-	4W0043	(1D)
15168	-	1	.Clip (CP6092)	-	AS62404	(1D)
15176	-	1	.Clip (CP6091)	-	AS62404	(1D)
15500	-	1	.Tube A/O - Air	-	6A6020	(B)
15592	-	1	.Clip (CP5659)	-	AS62404	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
10141	-	1	.Bolt (See Appendix 5) (CP6080)	-	4W0112	(1D)
10144	-	1	.Clip (CP6080)	-	AS62412	(1D)
10146	-	1	.Spacer (CP6080)	-	LK42781	(1D)
10148	-	1	.Nut (See Appendix 5) (CP6080)	-	4W0001	(1D)
10154	-	1	.Spacer (CP6081)	-	LK69353	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01549	-	1	.Bolt (See Appendix 5) (CP5223)	-	4W0103	(1D)
01550	-	1	.Washer (CP5223)	-	5W1086	(1D)
01553	-	1	.Clip (See Appendix 5) (CP5223)	-	4W0001	(1D)
01556	-	1	.Nut (See Appendix 5) (CP5223)	-	4W0001	(1D)
01557	-	1	.Bolt (See Appendix 5) (CP5222)	-	4W0129	(1D)
01560	-	1	.Clip (See Appendix 5) (CP5222)	-	5W1115	(1D)
01562	-	1	.Spacer (CP5222)	-	LK64582	(1D)
01563	-	1	.Spacer (CP5222)	-	LK42781	(1D)
01564	-	1	.Nut (See Appendix 5) (CP5222)	-	4W0001	(1D)
01565	-	1	.Bolt (See Appendix 5) (CP6068)	-	4W0109	(1D)
01568	-	1	.Clamp Loop Style Cushion (CP6068)	-	TA0250 22-12	(1D)
01570	-	Ref	.Spacer Sleeve (CP6068)	-	5W1030	(1D)(T)
01570	-	1	.Spacer (CP6068)	-	UP10479	(ID)(T)
01572	-	1	.Nut (See Appendix 5) (CP6068)	-	4W0043	(1D)
01575	-	1	.Bolt (CP5942)	-	4W0106	(1D)
01578	-	1	.Spacer (CP5942)	-	UP10478	(1D)
01580	-	1	.Nut, Option (CP5942)	-	4W0001	(1D)
02125	-	1	.Bolt (See Appendix 5) (CP0565)	-	4W0104	(1D)
02126	-	2	.Washer (CP0565)	-	5W1086	(1D)
02128	-	1	.Clip (CP0565)	-	AS62412	(1D)
02132	-	1	.Nut (See Appendix 5) (CP0565)	-	4W0001	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02133	-	1	.Bolt (See Appendix 5) (CP1079)	-	4W0113	(1D)
02134	-	1	.Washer CP1079)	-	5W1086	(1D)
02136	-	1	.Clip Loop Type CP1079)	-	400WSS12	(1D)
02138	-	Ref	.Spacer Sleeve CP1079)	-	5W1029	(1D)(T)
02138	-	1	.Spacer (CP1079)	-	UP10478	(1D)(T)
02139	-	1	.Spacer (CP1079)	-	UP10479	(1D)
02140	-	1	.Nut (See Appendix 5) (CP1079)	-	4W0001	(1D)
02141	-	1	.Bolt (See Appendix 5) (CP1118)	-	4W0104	(1D)
02142	-	2	.Washer (CP1118)	-	5W1086	(1D)
02144	-	1	.Clip Loop Type (CP1118)	-	400WSS12	(1D)
02148	-	1	.Nut (See Appendix 5) (CP1118)	-	4W0001	(1D)
03149	-	1	.Bolt (See Appendix 5) (CP6102)	-	4W0105	(1D)
03152	-	1	.Clip (CP6102)	-	AS62416	(1D)
03154	-	1	.Spacer (CP6102)	-	LK64582	(1D)
03156	-	1	.Nut (See Appendix 5) (CP6102)	-	4W0043	(1D)
04128	-	1	.Clip Loop Type (CP0560)	-	400WSS16	(1D)
04525	-	1	.Bolt (CP0558)	-	4W0103	(1D)
04526	-	1	.Washer (CP0558)	-	5W1086	(1D)
04528	-	1	.Clip (CP0558)	-	AS62416	(1D)
04532	-	1	.Nut (CP0558)	-	4W0043	(1D)
04533	-	1	.Bolt (CP0556)	-	4W0102	(1D)
04534	-	1	.Washer (CP0556)	-	5W1086	(1D)
04536	-	1	.Clip (CP0556)	-	AS62416	(1D)
04540	-	1	.Nut (CP0556)	-	4W0043	(1D)
12180	-	1	.Bolt (CP1399)	-	AS21420	(1D)
12182	-	1	.Spacer (CP1399)	-	ST1698D50	(1D)
12184	-	1	.Washer (CP1399)	-	SP154D	(1D)
12185	-	1	.Nut, Option (CP1399)	-	4W0001	(1D)
12186	-	1	.Bolt (CP1398)	-	4W0103	(1D)
12189	-	1	.Washer (CP1398)	-	SP154D	(1D)
12190	-	1	.Nut, Option (CP1398)	-	4W0001	(1D)
12191	-	1	.Bolt (CP1397)	-	4W0106	(1D)
12193	-	1	.Clip, Loop Type (CP1397)	-	400WSS4	(1D)
12195	-	1	.Spacer (CP1397)	-	ST1698D47	(1D)
12197	-	1	.Washer (CP1397)	-	SP154D	(1D)
12198	-	1	.Nut, Option (CP1397)	-	4W0001	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01136	-	1	.Clip (CP5782)	-	400WSS4	(1D)
01144	-	1	.Clip (CP5783)	-	400WSS4	(1D)
02100	-	1	.Tube A/O - Air	-	6A2140	(B)
02136	-	1	.Clip (CP0576)	-	AS62404	(1D)
02528	-	1	.Clip (CP0578)	-	AS62404	(1D)
02552	-	1	.Clip (CP1080)	-	400WSS4	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01129	-	1	.Clamp Loop Assy Elec Harnes (CP1040)	-	AS62515	(1D)
01142	-	1	.Bolt (See Appendix 5) (CP0250)	-	4W0103	(1D)
01143	-	1	.Washer (CP0250)	-	5W1086	(1D)
01145	-	1	.Clamp Loop Style Cushion (CP0250)	-	TA025074-16	(1D)(T)
01145	-	Ref	.Clamp Loop Style Cushion (CP0250)	-	AS61914	(1D)(T)
01149	-	1	.Nut (See Appendix 5) (CP0250)	-	4W0001	(1D)
01150	-	1	.Bolt (See Appendix 5) (CP0251)	-	4W0109	(1D)
01151	-	1	.Washer (CP0251)	-	5W1086	(1D)
01153	-	1	.Clamp Loop Style Cushion (CP0251)	-	TA025074-16	(1D)(T)
01153	-	Ref	.Clamp Loop Style Cushion (CP0251)	-	AS61914	(1D)(T)
01155	-	1	.Spacer (CP0251)	-	UP10479	(1D)(T)
01155	-	Ref	.Spacer Sleeve (CP0251)	-	5W1030	(1D)(T)
01157	-	1	.Nut (See Appendix 5) (CP0251)	-	4W0001	(1D)
01166	-	1	.Bolt (See Appendix 5) (CP1174)	-	4W0103	(1D)
01167	-	1	.Washer (CP1174)	-	5W1086	(1D)
01169	-	1	.Clamp Loop Assy Elec Harnes (CP1174)	-	AS62515	(1D)
01173	-	1	.Nut (See Appendix 5) (CP1174)	-	4W0001	(1D)
01174	-	1	.Bolt (See Appendix 5) (CP0254)	-	4W0107	(1D)
01175	-	1	.Washer (CP0254)	-	5W1086	(1D)
01177	-	1	.Clamp Loop Assy Elec Harnes (CP0254)	-	AS62509	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01178	-	1	.Clamp Loop Style Cushion (CP0254)	-	TA025074 -10	(ID)(T)
01178	-	Ref	.Clamp Loop Style Cushion (CP0254)	-	AS61908	(1D)(T)
01179	-	1	.Spacer (CP0254)	-	UP10478	(1D)
01181	-	1	.Nut (See Appendix 5) (CP0254)	-	4W0001	(1D)
01486	-	1	.Bolt (See Appendix 5) (CP0535)	-	4W0164	(1D)
01487	-	1	.Washer (CP0535)	-	5W1088	(1D)
01489	-	1	.Clip (CP0535)	-	FEC3002 -24B	(1D)
01493	-	1	.Nut (See Appendix 5) (CP0535)	-	4W0002	(1D)
01494	-	1	.Bolt (See Appendix 5) (CP0536)	-	4W0164	(1D)
01495	-	1	.Washer (CP0536)	-	5W1088	(1D)
01497	-	1	.Clip (CP0536)	-	FEC3002 -24B	(1D)
01501	-	1	.Nut (See Appendix 5) (CP0536)	-	4W0002	(1D)
01510	-	1	.Bolt (See Appendix 5) (CP0538)	-	4W0165	(1D)
01511	-	1	.Washer (CP0538)	-	5W1088	(1D)
01513	-	1	.Clip (CP0538)	-	FEC3002 -24B	(1D)
01517	-	1	.Nut (See Appendix 5) (CP0538)	-	4W0002	(1D)
01526	-	1	.Bolt (See Appendix 5) (CP0540)	-	4W0103	(1D)
01527	-	1	.Washer (CP0540)	-	5W1086	(1D)
01529	-	1	.Clamp Loop Assy Elec Harnes (CP0540)	-	AS62515	(1D)
01533	-	1	.Nut (See Appendix 5) (CP0540)	-	4W0001	(1D)
01534	-	1	.Bolt (See Appendix 5) (CP0541)	-	4W0109	(1D)
01535	-	1	.Washer (CP0541)	-	5W1086	(1D)
01537	-	1	.Clamp Loop Assy Elec Harnes (CP0541)	-	AS62515	(1D)
01539	-	1	.Spacer (CP0541)	-	UP10479	(1D)(T)
01539	-	Ref	.Spacer Sleeve (CP0541)	-	5W1030	(1D)(T)
01541	-	1	.Nut (See Appendix 5) (CP0541)	-	4W0001	(1D)
01558	-	1	.Bolt (See Appendix 5) (CP1170)	-	4W0106	(1D)
01559	-	1	.Washer (CP1170)	-	5W1086	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01561	-	1	.Clamp Loop Style Cushion (CP1170)	-	TA0250 74-16	(1D)(T)
01561	-	Ref	.Clamp Loop Style Cushion (CP1170)	-	AS61914	(1D)(T)
01563	-	1	.Spacer(CP1170)	-	UP10478	(1D)(T)
01563	-	Ref	.Spacer Sleeve(CP1170)	-	5W1029	(1D)(T)
01565	-	1	.Nut (See Appendix 5)(CP1170)	-	4W0001	(1D)
02221	-	1	.Bolt (See Appendix 5)(CP1064)	-	4W0164	(1D)
02222	-	1	.Washer(CP1064)	-	5W1088	(1D)
02224	-	1	.Clip (CP1064)	-	FEC3002 -24B	(1D)
02228	-	1	.Nut (See Appendix 5)(CP1064)	-	4W0002	(1D)
02333	-	1	.Bolt (See Appendix 5)(CP1086)	-	4W0106	(1D)
02334	-	1	.Washer(CP1086)	-	5W1086	(1D)
02336	-	1	.Clamp Loop Assy Elec Harness (CP1086)	-	AS62515	(1D)
02338	-	1	.Spacer(CP1086)	-	UP10478	(1D)(T)
02338	-	Ref	.Spacer Sleeve(CP1086)	-	5W1029	(1D)(T)
02340	-	1	.Nut (See Appendix 5)(CP1086)	-	4W0001	(1D)
02341	-	1	.Bolt (See Appendix 5)(CP1172)	-	4W0103	(1D)
02342	-	1	.Washer(CP1172)	-	5W1086	(1D)
02344	-	1	.Clamp Loop Style Cushion (CP1172)	-	AS62516	(1D)
02348	-	1	.Nut (See Appendix 5)(CP1172)	-	4W0001	(1D)
02540	-	1	.Clamp Loop Assy Elec Harness (CP1141)	-	AS62515	(1D)
02542	-	1	.Bolt (See Appendix 5)(CP1141)	-	4W0107	(1D)
02544	-	3	.Washer (See Appendix 5)(CP1141)	-	4W2621	(1D)
02548	-	1	.Nut (See Appendix 5)(CP1141)	-	4W0001	(1D)
07025	-	1	.Bolt (See Appendix 5) (CP1173)	-	4W0106	(1D)
07026	-	1	.Washer(CP1173)	-	5W1086	(1D)
07028	-	1	.Clamp Loop Assy Elec Harness (CP1173)	-	AS62515	(1D)
07030	-	1	.Spacer(CP1173)	-	UP10478	(1D)(T)
07030	-	Ref	.Spacer Sleeve(CP1173)	-	5W1029	(1D)(T)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
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07032	-	1	.Nut (See Appendix 5)(CP1173)	-	4W0001	(1D)
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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01182	-	1	.Bolt (See Appendix 5)(CP0841)	-	4W0103	(1D)
01183	-	1	.Washer(CP0841)	-	SP154D	(1D)
01185	-	1	.Clamp, Loop(CP0841)	-	TA0250 74-10	(1D)(T)
01185	-	Ref	.Clamp, Loop(CP0841)	-	AS61908	(1D)(T)
01189	-	1	.Nut (See Appendix 5)(CP0841)	-	4W0001	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01070	-	1	.Bolt (See Appendix 5)(CP0545)	-	4W0103	(1D)
01071	-	1	.Washer(CP0545)	-	5W1086	(1D)
01073	-	1	.Clamp Loop Style Cushion (CP0545)	-	TA0250 74-03	(1D)(T)
01073	-	Ref	.Clamp Loop Style Cushion (CP0545)	-	AS61933	(1D)(T)
01077	-	1	.Nut (See Appendix 5)(CP0545)	-	4W0001	(1D)
01081	-	1	.Clamp Loop Style Cushion (CP0568)	-	TA0250 74-03	(1D)(T)
01081	-	Ref	.Clamp Loop Style Cushion (CP0568)	-	AS61933	(1D)(T)
01097	-	Ref	.Clamp Loop Style Cushion (CP5595)	-	AS61931	(1D)
01102	-	1	.Bolt (See Appendix 5)(CP5654)	-	4W0104	(1D)
01103	-	2	.Washer(CP5654)	-	5W1086	(1D)
01105	-	1	.Clamp Loop Style Cushion (CP5654)	-	TA0250 74-04	(1D)(T)
01105	-	Ref	.Clamp Loop Style Cushion (CP5654)	-	AS61902	(1D)(T)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01109	-	1	.Nut (See Appendix 5)(CP5654)	-	4W0001	(1D)
01113	-	1	.Clamp Loop Style Cushion (CP5671)	-	TA0250 74-04	(1D)(T)
01113	-	Ref	.Clamp Loop Style Cushion (CP5671)	-	AS61902	(1D)(T)
01118	-	1	.Bolt (See Appendix 5) (CP5675)	-	4W0115	(1D)
01119	-	1	.Washer(CP5675)	-	5W1086	(1D)
01121	-	1	.Clamp Loop Style Cushion (CP5675)	-	TA0250 74-01	(1D)(T)
01121	-	Ref	.Clamp Loop Style Cushion (CP5675)	-	AS61931	(1D)(T)
01123	-	1	.Spacer Sleeve(CP5675)	-	5W1031	(1D)
01125	-	1	.Nut (See Appendix 5)(CP5675)	-	4W0043	(1D)
01134	-	1	.Bolt (See Appendix 5) (CP5696)	-	4W0102	(1D)
01135	-	1	.Washer(CP5696)	-	5W1086	(1D)
01137	-	1	.Clamp Loop Style Cushion (CP5696)	-	TA0250 74-01	(1D)
01141	-	1	.Nut (See Appendix 5) (CP5696)	-	4W0043	(1D)
01161	-	Ref	.Clamp Loop Style Cushion (CP5714)	-	AS61907	(1D)
01246	-	1	.Bolt (See Appendix 5) (CP1089)	-	4W0103	(1D)
01247	-	1	.Washer(CP1089)	-	5W1086	(1D)
01249	-	1	.Clamp Loop Assy Elec Harnes (CP1089)	-	AS62515	(1D)
01253	-	1	.Nut (See Appendix 5) (CP1089)	-	4W0001	(1D)
01254	-	1	.Bolt (See Appendix 5) (CP1090)	-	4W0103	(1D)
01255	-	1	.Washer(CP1090)	-	5W1086	(1D)
01257	-	1	.Clamp Loop Assy Elec Harnes (CP1090)	-	AS62515	(1D)
01261	-	1	.Nut (See Appendix 5) (CP1090)	-	4W0001	(1D)
01270	-	1	.Bolt (See Appendix 5) (CP6091)	-	4W0103	(1D)
01273	-	1	.Clamp Loop Style Cushion (CP6091)	-	AS62514	(1D)
01277	-	1	.Nut (See Appendix 5) (CP6091)	-	4W0001	(1D)
01318	-	1	.Bolt (See Appendix 5) (CP6103)	-	4W0108	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01321	-	1	.Clamp Loop Assy Elec Harness(CP6103)	-	AS62515	(1D)
01323	-	1	.Spacer(CP6103)	-	LK69353	(1D)
01325	-	1	.Nut (See Appendix 5) (CP6103)	-	4W0043	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01117	-	1	.Bolt (See Appendix 5)(CP0537)	-	4W0126	(1D)
01118	-	2	.Washer(CP0537)	-	5W1086	(1D)
01120	-	1	.Clip(CP0537)	-	400WSS8	(1D)
01122	-	2	.Spacer(CP0537)	-	UP10480	(1D)(T)
01122	-	Ref	.Spacer Sleeve(CP0537)	-	5W1031	(1D)(T)
01124	-	1	.Nut (See Appendix 5) (CP0537)	-	4W0001	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01073	-	Ref	.Clamp Loop Style Cushion- (CP5660)	-	AS61905	(1D)
01110	-	1	.Bolt (See Appendix 5)(CP5678)	-	4W0108	(1D)
01113	-	1	.Clamp Loop Assy Elec Harness (CP5678)	-	AS62515	(1D)
01115	-	1	.Spacer(CP5678)	-	LK69353	(1D)
01117	-	1	.Nut (See Appendix 5) (CP5678)	-	4W0043	(1D)
01120	-	Ref	.Clamp Loop Style Cushion (CP5679)	-	AS61931	(1D)
01121	-	Ref	.Clamp Loop Style Cushion (CP5679)	-	AS61915	(1D)
01230	-	1	.Bolt (See Appendix 5)(CP5693)	-	4W0104	(1D)
01231	-	1	.Washer(CP5693)	-	5W1086	(1D)
01233	-	1	.Clamp Loop Style Cushion (CP5693)	-	TA0250 74-04	(1D)(T)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01233	-	Ref	.Clamp Loop Style Cushion (CP5693)	-	AS61902	(1D)(T)
01237	-	1	.Nut (See Appendix 5) (CP5693)	-	4W0043	(1D)
01265	-	Ref	.Clamp Loop Style Cushion (CP5711)	-	AS61905	(1D)
01270	-	1	.Bolt (See Appendix 5)(CP5712)	-	4W0104	(1D)
01271	-	1	.Washer(CP5712)	-	5W1086	(1D)
01273	-	1	.Clamp Loop Style Cushion (CP5712)	-	TA0250 74-07	(1D)(T)
01273	-	Ref	.Clamp Loop Style Cushion (CP5712)	-	AS61905	(1D)(T)
01277	-	1	.Nut (See Appendix 5) (CP5712)	-	4W0001	(1D)
01425	-	Ref	.Clamp Loop Style Cushion (CP5764)	-	AS61932	(1D)
01433	-	Ref	.Clamp Loop Style Cushion (CP5763)	-	AS61932	(1D)
01441	-	Ref	.Clamp Loop Style Cushion (CP5765)	-	AS61932	(1D)
01462	-	1	.Bolt (See Appendix 5)(CP5779)	-	4W0109	(1D)
01463	-	1	.Washer (CP5779)	-	5W1086	(1D)
01465	-	1	.Clamp Loop Style Cushion- (CP5779)	-	TA0250 74-16	(1D)(T)
01465	-	Ref	.Clamp Loop Style Cushion (CP5779)	-	AS61914	(1D)(T)
01467	-	1	.Spacer Sleeve(CP5779)	-	5W1029	(1D)
01469	-	1	.Nut (See Appendix 5)(CP5779)	-	4W0001	(1D)
01470	-	1	.Bolt (See Appendix 5) (CP5780)	-	4W0105	(1D)
01471	-	1	.Washer(CP5780)	-	5W1086	(1D)
01473	-	1	.Clamp Loop Style Cushion- (CP5780)	-	TA0250 74-16	(1D)(T)
01473	-	Ref	.Clamp Loop Style Cushion (CP5780)	-	AS61914	(1D)(T)
01477	-	1	.Nut (See Appendix 5) (CP5780)	-	4W0001	(1D)
01542	-	1	.Bolt (See Appendix 5) (CP6086)	-	4W0102	(1D)
01547	-	1	.Spacer(CP6086)	-	LK42781	(1D)
01549	-	1	.Nut (See Appendix 5)(CP6086)	-	4W0001	(1D)



71-52-45

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01190	-	1	.Bolt (See Appendix 5)(CP5781)	-	4W0103	(1D)
01191	-	1	.Washer(CP5781)	-	5W1086	(1D)
01193	-	1	.Clip(CP5781)	-	TA02100 46FT05	(1D)(T)
01193	-	Ref	.Clip(CP5781)	-	ST1455-05	(1D)(T)
01197	-	1	.Nut (See Appendix 5)(CP5781)	-	4W0001	(1D)

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71-52-50

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
05104	-	1	.Washer(CP5676)	-	K8831	(1D)

71-71-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02541	-	1	.Bolt (See Appendix 5)(CP5833)	-	4W0103	(1D)
02542	-	1	.Washer(CP5833)	-	SP154D	(1D)
02544	-	1	.Clip, Loop Type(CP5833)	-	400WSS4	(1D)
02548	-	1	.Nut, Self Locking(CP5833)	-	AS20624	(1D)
02552	-	1	.Clip, Loop Type(CP5834)	-	400WSS4	(1D)

72-38-25

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01312	-	2	.Washer (See Appendix 5)	-	4W2622	(1D)

72-41-00



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
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03350	-	1	.Bracket A/O	-	5W8302	(B)
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72-60-10

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
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01456	-	1	.Bracket	-	740-5714 -507	(B)
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73-11-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
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09149	-	1	.Bolt (See Appendix 5) (CP5700)	-	4W0103	(1D)
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09150	-	1	.Washer(CP5700)	-	5W1086	(1D)
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09152	-	1	.Clip Loop Type(CP5700)	-	400WSS12	(1D)
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09156	-	1	.Nut (See Appendix 5)(CP5700)	-	4W0001	(1D)
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09186	-	1	.Spacer(CP6077)	-	LK64582	(1D)
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10141	-	1	.Bolt (See Appendix 5)(CP1040)	-	4W0128	(1D)
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10142	-	2	.Washer(CP1040)	-	K8831	(1D)
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10144	-	1	.Clip(CP1040)	-	AS62408	(1D)
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10146	-	1	.Spacer(CP1040)	-	6A4826	(1D)
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10148	-	1	.Nut (See Appendix 5)(CP1040)	-	4W0001	(1D)
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11133	-	1	.Bolt (See Appendix 5) (CP5666)	-	4W0103	(1D)
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11134	-	1	.Washer(CP5666)	-	K8831	(1D)
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11136	-	1	.Clip(CP5666)	-	400WSS8	(1D)
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11140	-	1	.Nut (See Appendix 5)(CP5666)	-	4W0001	(1D)
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11176	-	1	.Clip(CP6077)	-	AS62408	(1D)
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16173	-	1	.Bolt (See Appendix 5) (CP5783)	-	4W0103	(1D)
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16174	-	2	.Washer(CP5783)	-	K8831	(1D)
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16176	-	1	.Clip Loop Type(CP5783)	-	400WSS5	(1D)
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16180	-	1	.Nut (See Appendix 5) (CP5783)	-	4W0001	(1D)
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19541	-	1	.Bolt (See Appendix 5) (CP5653)	-	4W0115	(1D)
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19542	-	2	.Washer(CP5653)	-	K8831	(1D)
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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
19544	-	1	.Clip(CP5653)	-	400WSS8	(1D)
19546	-	1	.Spacer(CP5653)	-	UP10480	(1D)
19548	-	1	.Nut (See Appendix 5)(CP5653)	-	4W0001	(1D)
19549	-	1	.Bolt (See Appendix 5)(CP5671)	-	4W0111	(1D)
19550	-	2	.Washer(CP5671)	-	K8831	(1D)
19552	-	1	.Clip(CP5671)	-	400WSS8	(1D)
19554	-	1	.Spacer(CP5671)	-	UP10479	(1D)
19556	-	1	.Nut (See Appendix 5)(CP5671)	-	4W0001	(1D)
19557	-	1	.Bolt (See Appendix 5)(CP6092)	-	4W0103	(1D)
19560	-	1	.Clip(CP6092)	-	AS62408	(1D)
19564	-	1	.Nut (See Appendix 5)(CP6092)	-	4W0001	(1D)
19581	-	1	.Bolt (See Appendix 5)(CP6090)	-	4W0102	(1D)
19584	-	1	.Clip(CP6090)	-	AS62408	(1D)
19588	-	1	.Nut (See Appendix 5)(CP6090)	-	4W0043	(1D)
20125	-	1	.Bolt (See Appendix 5)(CP1168)	-	4W0112	(1D)
20126	-	1	.Washer(CP1168)	-	5W1086	(1D)
20128	-	1	.Clip (CP1168)	-	400WSS8	(1D)
20130	-	1	.Spacer (CP1168)	-	UP10480	(1D)(T)
20130	-	Ref	.Spacer Sleeve(CP1168)	-	5W1031	(1D)(T)
20132	-	1	.Nut (See Appendix 5)(CP1168)	-	4W0001	(1D)
20141	-	1	.Bolt (See Appendix 5)(CP0248)	-	4W0115	(1D)
20142	-	1	.Washer(CP0248)	-	5W1086	(1D)
20144	-	1	.Clip(CP0248)	-	400WSS8	(1D)
20146	-	1	.Spacer(CP0248)	-	UP10481	(1D)(T)
20146	-	Ref	.Spacer Sleeve(CP0248)	-	5W1032	(1D)(T)
20148	-	1	.Nut (See Appendix 5)(CP0248)	-	4W0001	(1D)
20149	-	1	.Bolt (See Appendix 5)(CP0758)	-	4W0103	(1D)
20150	-	2	.Washer(CP0758)	-	5W1086	(1D)
20152	-	1	.Clip(CP0758)	-	400WSS8	(1D)
20156	-	1	.Nut (See Appendix 5)(CP0758)	-	4W0001	(1D)
22541	-	1	.Bolt (See Appendix 5)(CP0578)	-	4W0108	(1D)
22542	-	2	.Washer(CP0578)	-	5W1086	(1D)
22544	-	1	.Clip(CP0578)	-	AS62404	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
22548	-	1	.Nut (See Appendix 5)(CP0578)	-	4W0001	(1D)
22549	-	1	.Bolt (See Appendix 5)(CP1048)	-	4W0103	(1D)
22550	-	2	.Washer(CP1048)	-	5W1086	(1D)
22552	-	1	.Clip(CP1048)	-	AS62404	(1D)
22556	-	1	.Nut (See Appendix 5)(CP1048)	-	4W0001	(1D)
24128	-	1	.Clip(CP0578)	-	AS62404	(1D)
24133	-	1	.Bolt (See Appendix 5)(CP1036)	-	4W0103	(1D)
24134	-	1	.Washer(CP1036)	-	5W1086	(1D)
24136	-	1	.Clip(CP1036)	-	AS62404	(1D)
24140	-	1	.Nut (See Appendix 5)(CP1036)	-	4W0001	(1D)
24500	-	1	.Tube Assy	-	5R8144	(1D)
24525	-	1	.Bolt (See Appendix 5)(CP0576)	-	4W0123	(1D)
24526	-	1	.Washer(CP0576)	-	5W1086	(1D)
24528	-	1	.Clip(CP0576)	-	AS62404	(1D)
24530	-	1	.Spacer(CP0576)	-	UP10479	(1D)(T)
24530	-	Ref	.Spacer Sleeve(CP0576)	-	5W1030	(1D)(T)
24531	-	1	.Spacer(CP0576)	-	UP10481	(1D)(T)
24531	-	Ref	.Spacer Sleeve(CP0576)	-	5W1032	(1D)(T)
24532	-	1	.Nut (See Appendix 5)(CP0576)	-	4W0001	(1D)
24533	-	1	.Bolt (See Appendix 5)(CP0564)	-	4W0102	(1D)
24534	-	1	.Washer(CP0564)	-	5W1086	(1D)
24536	-	1	.Clip(CP0564)	-	AS62404	(1D)
24540	-	1	.Nut (See Appendix 5)(CP0564)	-	4W0001	(1D)
24541	-	1	.Bolt (See Appendix 5)(CP0602)	-	4W0103	(1D)
24542	-	1	.Washer(CP0602)	-	5W1086	(1D)
24544	-	1	.Clip(CP0602)	-	400WSS4	(1D)
24548	-	1	.Nut (See Appendix 5)(CP0602)	-	4W0001	(1D)
24552	-	1	.Clip(CP1079)	-	AS62404	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02128	-	1	.Clip(CP5221)	-	400WSS4	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02136	-	1	.Clip(CP5222)	-	AS62404	(1D)
02525	-	1	.Bolt (See Appendix 5)(CP0569)	-	4W0107	(1D)
02526	-	1	.Washer(CP0569)	-	5W1086	(1D)
02528	-	1	.Clip(CP0569)	-	400WSS4	(1D)
02530	-	1	.Spacer Sleeve(CP0569)	-	5W1029	(1D)
02532	-	1	.Nut (See Appendix 5)(CP0569)	-	4W0001	(1D)
02533	-	1	.Bolt (See Appendix 5)(CP0566)	-	4W0126	(1D)
02534	-	1	.Washer(CP0566)	-	5W1086	(1D)
02536	-	1	.Clip(CP0566)	-	400WSS4	(1D)
02538	-	1	.Spacer(CP0566)	-	UP10480	(1D)(T)
02538	-	Ref	.Spacer Sleeve(CP0566)	-	5W1031	(1D)(T)
02539	-	1	.Spacer(CP0566)	-	UP10481	(1D)(T)
02539	-	Ref	.Spacer Sleeve(CP0566)	-	5W1032	(1D)(T)
02540	-	1	.Nut (See Appendix 5)(CP0566)	-	4W0001	(1D)
02541	-	1	.Bolt (See Appendix 5)(CP0562)	-	4W0109	(1D)
02542	-	2	.Washer(CP0562)	-	5W1086	(1D)
02544	-	1	.Clip(CP0562)	-	400WSS4	(1D)
02546	-	1	.Spacer Sleeve(CP0562)	-	5W1029	(1D)
02548	-	1	.Nut (See Appendix 5)(CP0562)	-	4W0001	(1D)
03125	-	1	.Bolt (See Appendix 5)(CP0577)	-	4W0107	(1D)
03126	-	2	.Washer(CP0577)	-	5W1086	(1D)
03128	-	1	.Clip(CP0577)	-	400WSS4	(1D)
03132	-	1	.Nut (See Appendix 5)(CP0577)	-	4W0001	(1D)
05584	-	1	.Clip(CP5650)	-	400WSS4	(1D)
05589	-	1	.Bolt (See Appendix 5)(CP5782)	-	4W0104	(1D)
05590	-	2	.Washer(CP5782)	-	5W1086	(1D)
05592	-	1	.Clip(CP5782)	-	400WSS4	(1D)
05596	-	1	.Nut (See Appendix 5)(CP5782)	-	4W0001	(1D)
06149	-	1	.Bolt (See Appendix 5)(CP0561)	-	4W0103	(1D)
06150	-	1	.Washer(CP0561)	-	5W1086	(1D)
06152	-	1	.Clip(CP0561)	-	400WSS4	(1D)
06156	-	1	.Nut (See Appendix 5)(CP0561)	-	4W0001	(1D)
06160	-	1	.Clip(CP0565)	-	400WSS4	(1D)
06165	-	1	.Bolt (See Appendix 5)(CP1037)	-	4W0103	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
06166	-	1	.Washer(CP1037)	-	5W1086	(1D)
06168	-	1	.Clip(CP1037)	-	400WSS4	(1D)
06172	-	1	.Nut (See Appendix 5)(CP1037)	-	4W0001	(1D)
06176	-	1	.Clip(CP1118)	-	400WSS4	(1D)
06528	-	1	.Clip(CP0560)	-	400WSS4	(1D)
09552	-	1	.Clip(CP5700)	-	400WSS4	(1D)
10128	-	1	.Clip(CP0569)	-	400WSS4	(1D)
10144	-	1	.Clip(CP0566)	-	400WSS4	(1D)
10149	-	1	.Clip(CP0562)	-	400WSS4	(1D)
10150	-	1	.Bolt (See Appendix 5)(CP1080)	-	4W0103	(1D)
10151	-	2	.Washer(CP1080)	-	5W1086	(1D)
10152	-	1	.Clip(CP1080)	-	400WSS4	(1D)
10156	-	1	.Nut (See Appendix 5)(CP1080)	-	4W0001	(1D)
10528	-	1	.Clip(CP0577)	-	400WSS4	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
05560	-	1	.Clip Loop Type(CP5653)	-	400WSS5	(1D)
05565	-	1	.Bolt (See Appendix 5)(CP5767)	-	4W0103	(1D)
05566	-	1	.Washer(CP5767)	-	5W1086	(1D)
05568	-	1	.Clip Loop Type(CP5767)	-	400WSS5	(1D)
05572	-	1	.Nut (See Appendix 5)(CP5767)	-	4W0001	(1D)
05584	-	1	.Clip Loop Type(CP5654)	-	400WSS5	(1D)
06133	-	1	.Bolt (See Appendix 5)(CP0568)	-	4W0114	(1D)
06134	-	2	.Washer(CP0568)	-	5W1086	(1D)
06136	-	1	.Clip Loop Type(CP0568)	-	400WSS5	(1D)
06138	-	1	.Spacer(CP0568)	-	UP10480	(1D)(T)
06138	-	Ref	.Spacer Sleeve(CP0568)	-	5W1031	(1D)(T)
06140	-	1	.Nut (See Appendix 5)(CP0568)	-	4W0001	(1D)
06500	-	1	.Tube A/O Air No4 brg Scav/V	-	5A9090	(1D)
06528	-	1	.Clip Loop Type(CP0562)	-	400WSS5	(1D)
06536	-	1	Clip Loop Type(CP0560)	-	400WSS5	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02144	-	1	.Clip (CP0581)	-	400WSS4	(1D)
02536	-	1	.Clip(CP0758)	-	400WSS4	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01157	-	1	.Bolt (See Appendix 5)(CP5723)	-	4W0127	(1D)
01160	-	1	.Clip(CP5723)	-	TA02100 46FT08	(1D)
01162	-	1	.Spacer(CP5723)	-	LK56556	(1D)
01163	-	1	.Spacer(CP5723)	-	LK67295	(1D)
01164	-	1	.Nut (See Appendix 5)(CP5723)	-	4W0001	(1D)
01533	-	1	.Bolt (See Appendix 5)(CP0544)	-	4W0103	(1D)
01534	-	1	.Washer(CP0544)	-	5W1086	(1D)
01536	-	1	.Clip(CP0544)	-	400WSS8	(1D)
01540	-	1	.Nut (See Appendix 5)(CP0544)	-	4W0001	(1D)
02100	-	1	.Tube A/O Air Hp Bleed S/Val	-	5A9068	(1D)
02125	-	1	.Bolt (See Appendix 5)(CP0563)	-	4W0103	(1D)
02126	-	1	.Washer(CP0563)	-	5W1086	(1D)
02128	-	1	.Clip(CP0563)	-	400WSS8	(1D)
02132	-	1	.Nut (See Appendix 5)(CP0563)	-	4W0001	(1D)
02133	-	1	.Bolt (See Appendix 5)(CP0560)	-	4W0108	(1D)
02134	-	2	.Washer(CP0560)	-	5W1086	(1D)
02136	-	1	.Clip(CP0560)	-	400WSS8	(1D)
02140	-	1	.Nut (See Appendix 5)(CP0560)	-	4W0001	(1D)
04160	-	1	.Clip(CP0537)	-	400WSS4	(1D)
04528	-	1	.Clip(CP0570)	-	400WSS4	(1D)
08160	-	1	.Clip(CP0537)	-	400WSS4	(1D)
08525	-	1	.Bolt (See Appendix 5)(CP0574)	-	4W0117	(1D)
08526	-	1	.Washer(CP0574)	-	5W1086	(1D)
08528	-	1	.Clip(CP0574)	-	400WSS4	(1D)
08530	-	1	.Spacer(CP0574)	-	UP10480	(1D)(T)
08530	-	1	.Spacer Sleeve(CP0574)	-	5W1031	(1D)(T)
08531	-	1	.Spacer(CP0574)	-	UP10478	(1D)(T)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
08531	-	Ref	.Spacer Sleeve(CP0574)	-	5W1029	(1D)(T)
08532	-	1	.Nut (See Appendix 5)(CP0574)	-	4W0001	(1D)
10160	-	1	.Clip(CP0578)	-	AS62404	(1D)
10528	-	1	.Clip(CP0576)	-	AS62404	(1D)
10533	-	1	.Bolt (See Appendix 5)(CP0573)	-	4W0111	(1D)
10534	-	1	.Washer(CP0573)	-	5W1086	(1D)
10536	-	1	.Clip(CP0573)	-	400WSS4	(1D)
10538	-	1	.Spacer(CP0573)	-	UP10479	(1D)(T)
10538	-	Ref	.Spacer Sleeve(CP0573)	-	5W1030	(1D)(T)
10540	-	1	.Nut (See Appendix 5)(CP0573)	-	4W0001	(1D)
10541	-	1	.Bolt (See Appendix 5)(CP1171)	-	4W0103	(1D)
10542	-	1	.Washer(CP1171)	-	5W1086	(1D)
10544	-	1	.Clip(CP1171)	-	400WSS4	(1D)
10548	-	1	.Nut (See Appendix 5)(CP1171)	-	4W0001	(1D)
11552	-	1	.Clip(CP0577)	-	400WSS4	(1D)
12149	-	1	.Bolt (See Appendix 5)(CP0570)	-	4W0104	(1D)
12150	-	2	.Washer(CP0570)	-	5W1086	(1D)
12152	-	1	.Clip(CP0570)	-	400WSS4	(1D)
12156	-	1	.Nut (See Appendix 5)(CP0570)	-	4W0001	(1D)
12165	-	1	.Bolt (See Appendix 5)(CP1078)	-	4W0103	(1D)
12166	-	1	.Washer(CP1078)	-	5W1086	(1D)
12168	-	1	.Clip(CP1078)	-	400WSS4	(1D)
12172	-	1	.Nut (See Appendix 5)(CP1078)	-	4W0001	(1D)
12173	-	1	.Bolt (See Appendix 5)(CP0572)	-	4W0103	(1D)
12174	-	1	.Washer(CP0572)	-	5W1086	(1D)
12176	-	1	.Clip(CP0572)	-	400WSS4	(1D)
12180	-	1	.Nut (See Appendix 5)(CP0572)	-	4W0001	(1D)
13133	-	1	.Bolt (See Appendix 5)(CP5640)	-	4W0116	(1D)
13134	-	1	.Washer(CP5640)	-	5W1086	(1D)
13136	-	1	.Clip(CP5640)	-	400WSS4	(1D)
13138	-	1	.Spacer Sleeve(CP5640)	-	5W1031	(1D)
13140	-	1	.Nut (See Appendix 5)(CP5640)	-	4W0001	(1D)
13165	-	1	.Bolt (See Appendix 5)(CP6093)	-	4W0105	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
13168	-	1	.Clip(CP6093)	-	AS62404	(1D)
13170	-	1	.Spacer(CP6093)	-	LK64582	(1D)
13172	-	1	.Nut (See Appendix 5)(CP6093)	-	4W0043	(1D)
13500	-	1	.Tube Assy Air Hp Comp 7 bld	-	5A8776	(1D)
13557	-	1	.Bolt (See Appendix 5)(CP5641)	-	4W0114	(1D)
13560	-	1	.Clip(CP5641)	-	400WSS4	(1D)
13562	-	1	.Spacer Sleeve(CP5641)	-	5W1031	(1D)
13564	-	1	.Nut (See Appendix 5)(CP5641)	-	4W0043	(1D)
13565	-	1	.Bolt (See Appendix 5)(CP5643)	-	4W0104	(1D)
13565	-	1	.Bolt (See Appendix 5)(CP5643)	-	4W0103	(1D)
13568	-	1	.Clip(CP5643)	-	400WSS4	(1D)
13572	-	1	.Nut (See Appendix 5)(CP5643)	-	4W0001	(1D)
14136	-	1	.Clip(CP5640)	-	400WSS4	(1D)
14144	-	1	.Clip(CP6077)	-	AS62404	(1D)
14157	-	1	.Bolt (See Appendix 5)(CP6089)	-	4W0102	(1D)
14160	-	1	.Clip(CP6089)	-	AS62404	(1D)
14164	-	1	.Nut (See Appendix 5)(CP6089)	-	4W0043	(1D)
14500	-	1	.Tube A/O Air	-	5A8755	(1D)
14560	-	1	.Clip(CP5641)	-	400WSS4	(1D)
14568	-	1	.Clip(CP5643)	-	400WSS4	(1D)
14573	-	1	.Bolt (See Appendix 5)(CP5675)	-	4W0112	(1D)
14576	-	1	.Clip(CP5675)	-	400WSS4	(1D)
14578	-	Ref	.Spacer Sleeve(CP5675)	-	5W1031	(1D)
14580	-	1	.Nut (See Appendix 5)(CP5675)	-	4W0043	(1D)
15144	-	1	.Clip(CP5640)	-	400WSS4	(1D)
15152	-	1	.Clip(CP5641)	-	400WSS4	(1D)
15168	-	1	.Clip(CP6092)	-	AS62404	(1D)
15176	-	1	.Clip(CP6091)	-	AS62404	(1D)
15500	-	1	.Tube A/O-Air	-	5A9050	(1D)
15557	-	1	.Bolt (See Appendix 5)(CP5642)	-	4W0104	(1D)
15558	-	1	.Washer(CP5642)	-	5W1086	(1D)
15560	-	1	.Clip(CP5642)	-	400WSS4	(1D)
15564	-	1	.Nut (See Appendix 5)(CP5642)	-	4W0001	(1D)
15568	-	1	.Clip(CP5675)	-	400WSS4	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
15592	-	1	.Clip (CP5659)	-	AS62404	(1D)
16149	-	1	.Bolt (See Appendix 5)(CP5650)	-	4W0104	(1D)
16150	-	1	.Washer(CP5650)	-	5W1086	(1D)
16152	-	1	.Clip(CP5650)	-	400WSS4	(1D)
16156	-	1	.Nut (See Appendix 5)(CP5650)	-	4W0001	(1D)
16160	-	1	.Clip(CP5653)	-	400WSS4	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
10141	-	1	.Bolt (See Appendix 5)(CP6080)	-	4W0112	(1D)
10144	-	1	.Clip(CP6080)	-	AS62412	(1D)
10146	-	1	.Spacer(CP6080)	-	LK42781	(1D)
10148	-	1	.Nut (See Appendix 5)(CP6080)	-	4W0001	(1D)
10154	-	1	.Spacer(CP6081)	-	LK69353	(1D)
11146	-	1	.Spacer Sleeve(CP5660)	-	5W1033	(1D)
12141	-	1	.Bolt (See Appendix 5)(CP5665)	-	4W0102	(1D)
12142	-	1	.Washer(CP5665)	-	5W1086	(1D)
12144	-	1	.Clip Loop Type(CP5665)	-	400WSS5	(1D)
12148	-	1	.Nut (See Appendix 5)(CP5665)	-	4W0043	(1D)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01525	-	1	.Bolt (See Appendix 5)(CP5221)	-	4W0115	(1D)
01526	-	1	.Washer(CP5221)	-	5W1086	(1D)
01530	-	1	.Spacer Sleeve(CP5221)	-	5W1030	(1D)
01531	-	1	.Spacer Sleeve(CP5221)	-	5W1029	(1D)
01532	-	1	.Nut (See Appendix 5)(CP5221)	-	4W0001	(1D)
01549	-	1	.Bolt (See Appendix 5)(CP5223)	-	4W0103	(1D)
01550	-	1	.Washer(CP5223)	-	5W1086	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01553	-	1	.Clip (See Appendix 5)(CP5223)	-	5W1115	(1D)
01556	-	1	.Nut (See Appendix 5)(CP5223)	-	4W0001	(1D)
01557	-	1	.Bolt (See Appendix 5)(CP5222)	-	4W0129	(1D)
01560	-	1	.Clip (See Appendix 5)(CP5222)	-	5W1115	(1D)
01562	-	1	.Spacer(CP5222)	-	LK64582	(1D)
01563	-	1	.Spacer(CP5222)	-	LK42781	(1D)
01564	-	1	.Nut (See Appendix 5)(CP5222)	-	4W0001	(1D)
01565	-	1	.Bolt (See Appendix 5)(CP6068)	-	4W0109	(1D)
01568	-	1	.Clamp Loop Style Cushion (CP6068)	-	TA0250 22-12	(1D)
01570	-	1	.Spacer (CP6068)	-	UP10479	(1D)(T)
01570	-	Ref	.Spacer Sleeve(CP6068)	-	5W1030	(1D)(T)
01572	-	1	.Nut (See Appendix 5)(CP6068)	-	4W0043	(1D)
02125	-	1	.Bolt (See Appendix 5)(CP0565)	-	4W0104	(1D)
02126	-	2	.Washer(CP0565)	-	5W1086	(1D)
02128	-	1	.Clip(CP0565)	-	AS62412	(1D)
02132	-	1	.Nut (See Appendix 5)(CP0565)	-	4W0001	(1D)
02133	-	1	.Bolt (See Appendix 5)(CP1079)	-	4W0113	(1D)
02134	-	1	.Washer(CP1079)	-	5W1086	(1D)
02136	-	1	.Clip Loop Type(CP1079)	-	400WSS12	(1D)
02138	-	1	.Spacer(CP1079)	-	UP10478	(1D)(T)
02138	-	Ref	.Spacer Sleeve(CP1079)	-	5W1029	(1D)(T)
02139	-	1	.Spacer(CP1079)	-	UP10479	(1D)
02140	-	1	.Nut (See Appendix 5)(CP1079)	-	4W0001	(1D)
02141	-	1	.Bolt (See Appendix 5)(CP1118)	-	4W0104	(1D)
02142	-	2	.Washer(CP1118)	-	5W1086	(1D)
02144	-	1	.Clip Loop Type(CP1118)	-	400WSS12	(1D)
02148	-	1	.Nut (See Appendix 5)(CP1118)	-	4W0001	(1D)
03149	-	1	.Bolt (See Appendix 5)(CP6102)	-	4W0105	(1D)
03152	-	1	.Clip(CP6102)	-	AS62416	(1D)
03154	-	1	.Spacer(CP6102)	-	LK64582	(1D)
03156	-	1	.Nut (See Appendix 5)(CP6102)	-	4W0043	(1D)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
04128	-	1	.Clip Loop Type(CP0560)	-	400WSS16	(1D)
04525	-	1	.Bolt (See Appendix 5)(CP0558)	-	4W0103	(1D)
04526	-	1	.Washer(CP0558)	-	5W1086	(1D)
04528	-	1	.Clip(CP0558)	-	AS62416	(1D)
04532	-	1	.Nut (See Appendix 5)(CP0558)	-	4W0043	(1D)
04533	-	1	.Bolt (See Appendix 5)(CP0556)	-	4W0102	(1D)
04534	-	1	.Washer(CP0556)	-	5W1086	(1D)
04536	-	1	.Clip(CP0556)	-	AS62416	(1D)
04540	-	1	.Nut (See Appendix 5)(CP0556)	-	4W0043	(1D)
12125	-	1	.Bolt (See Appendix 5)(CP0928)	-	4W0103	(1D)
12126	-	1	.Washer(CP0928)	-	SP154D	(1D)
12128	-	1	.Clip, Loop Type(CP0928)	-	400WSS8	(1D)
12132	-	1	.Nut (See Appendix 5)(CP0928)	-	4W0001	(1D)

E. Instruction Disposition Codes:

- (A) Additional.
- (B) Old part becomes redundant upon embodiment of this modification.
- (C) New part is currently available.
- (E) Comprises "Non-EBU Tubes", Inst Disp Code 'E'
- (F) Comprises "Non-EBU Tubes", Inst Disp Code 'F'
- (G) Comprises of "Non-EBU Brackets, Tube and Harness", Inst Disp Code 'G'
- (H) Comprises of "EBU Parts", Inst Disp Code 'H'
- (J) Comprises of "EBU Parts", Inst Disp Code 'J'
- (K) Comprises of "Non-EBU Brackets, Tube and Harness", Inst Disp Code 'K'
- (L) Comprises "Non-EBU Tubes", Inst Disp Code 'L'
- (M) Comprises "Non-EBU Brackets", Inst Disp Code 'M'
- (N) Comprises of all "No. 4 Bearing Compartment" parts, Inst Disp Code 'N'
- (O) Part of Tube Assembly.



(P) Alternative.

(S1) Old and new parts are interchangeable

(S2) Old and new parts are not interchangeable.

(1D) Old part maybe used in other applications.

(2D) Quantity reduced from 2 to 1.

(3D) Quantity reduced from 6 to 4.

(4D) Quantity reduced from 26 to 1.

(5D) Quantity reduced from 8 to 4.

(6D) Quantity reduced from 4 to 1.

(7D) Quantity reduced from 22 to 9.

(8D) Quantity reduced from 43 to 41.

(9D) Quantity increased from 2 to 4.

(10D) Quantity increased from 3 to 6.

(11D) Quantity increased from 1 to 2.

(12D) Quantity increased from 1 to 3.

(13D) Quantity reduced from 5 to 4.

(14D) Quantity reduced from 5 to 3.



3. Accomplishment Instructions

A. Equipment and Material

Special equipment

IAE 1R18001 wrench

IAE 1R18003 wrench

Standard equipment

0.937 in. (24 mm.) Crowsfoot spanner

ACR TORQ-SET BIT (212-1/4-ACR)

B. General Removal Instructions

These Accomplishment Instructions do not instruct the removal of EBU 3 engine externals, for the complete instructions refer to SBN 71-0273. However, partial reference is given to some EBU 3 dressings for information purposes only, these are identified as in the example that follows - Remove the EEC Harness and the Fire Detection (System B) Harness (EBU 3), Figure 9 and 10.

It is only necessary to remove the external dressings that are instructed. The actual Figure will show the details of other externals but these can be ignored if these are not actually specified in the procedure.

It is assumed that the Integrated Drive Generator (24-21-51, 01-010) has been removed to provide access to the gearbox area, refer to Figure 46 sheet 6.

Apply the approved penetrating oil before the removal of threaded parts and parts with an interference fit. Let the parts soak before removal.

Remove and discard the lockwire before the tube or connector is disconnected.

When electrical connections are disconnected, special plastic caps must be installed.

Seal all openings to prevent contamination from unwanted materials.

Discard all rubber seal rings removed in this procedure.

C. Removal Instructions - Core Dressings

(1) Remove the Ignition Exciters, Figures 1, 2 and 3.

(a) Disconnect the electrical connectors 4000JH1-A and 4000JH2-A from the ignition exciter units.

(b) Remove the two clamps from each air inlet hose and remove the two air inlet hoses.



CAUTION: DO NOT BEND THE HIGH ENERGY IGNITION HARNESS MORE THAN IS NECESSARY BECAUSE THIS CAN DAMAGE THE CONDUIT

- (c) Remove the two high energy ignition exciters.
 - (i) Pre SBE 74-0002 and 74-0003 : Remove the four clamps and the four shrouds from the exciter ends of the harnesses.
 - (ii) SBE 74-0002 and 74-0003 : Remove the four clamps and the two shrouds from the exciter ends of the harnesses.
 - (iii) Disconnect the harnesses from the exciters.
 - (iv) Remove the three bolts and nuts that attach each exciter box to the cross brackets and remove the exciter boxes.
- (2) Remove the Lower Ignition Exciter Cross Brackets and the Support Tube, Figure 4
 - (a) Remove the lower cross brackets (74-11-38, 01-600, 01-670) and support tube (74-11-38, 01-755).
 - (i) Use the ACR TORQ-SET BIT (212-1/4-ACR to remove the four screws from the lower cross brackets.
 - (ii) Remove the bolts, the brackets and the clipnuts that attach each of the two lower cross brackets in position. Remove the two lower cross brackets.
 - (b) Remove the two bolts and the clipnuts that attach the lower support tube in position and remove the support.
- (3) Remove the Fuel Drain Tubes, Figure 5 and Figure 68 sheet 1.
 - (a) Remove the bolts, the nuts, the washers, the spacers and the clips from clip positions 5831, 5832, 5833, 5640, 5835 and 5742 Figure 5.
 - (b) Disconnect the tube 35 from the LPC slave actuator and the tube 45 and remove the tube 35.
 - (c) Disconnect the tube 36 from the LPC master bleed actuator and the tube 47 and remove the tube 36, Figure 7.
 - (d) Disconnect the tube 47 from the Variable Stator Vane (VSV) actuator and from the tube 45 and remove the tube 47.
 - (e) Disconnect the tube 45 from the tube 216 at the bifurcation panel and the Active Clearance Control (ACC) actuator and remove the tube 45.



- (4) Remove the Ignition Supply Harness, Figure 6 and Figure 82 sheet 1
- (a) Remove the ignition supply harness (71-51-44, 01-005).
- (i) Remove the lacing tape attaching the harness to the EEC harness, Figure 41 sheets 4 to 6 and 9.
- (ii) Remove the clip positions 0545 and 0568, Figure 6.
- (iii) Remove the bolts, the washers, the spacers, the clipnuts, the nuts and the clips from the clip positions that follow, Figures 8 to 11 :
- (iv) 5675, 5696, 5595, 5557, 5695, 5772, 5713, 5714, 5694, 5692, 5691, 5679, (Figure 9).
- 5678, 5779, 5780, 5654 and 5671 (Figure 8).
- (v) Remove the four nuts, the four bolts and the two flame trap brackets which attach the combined fume and fireseal to the bifurcation panel, Figure 6. Remove the core engine part of the harness through the bifurcation panel. Safety the different parts of the combined fume and fireseal together with CoMat 02-126 lockwire.
- (vi) Move the harness clear of the HP system module and temporarily attach the harness to a suitable point on the fan case with temporary harness ties.
- (5) Disconnect the EEC Harness Electrical Connectors from the VSV Actuator and LP Compressor Bleed Actuators, Figure 14 and 15.
- Pre SBE 71-0111:
- (a) Disconnect the two electrical connectors 4022KS-A and 4022KS-D from the VSV actuator.
- (b) Disconnect the two electrical connectors 4022KS-B and 4022KS-C from the VSV actuator.
- (c) Disconnect the two electrical connectors 4021KS-A and 4021KS-B from the LP compressor master bleed actuator, Figure 7.
- (6) Disconnect the EEC Harness Electrical Connectors from the VSV Actuator.
- Pre SBE 71-0111:
- (a) Disassemble the clips at clip positions 6060 and 6061. Refer to view at A, Figure 15.
- (i) Remove and discard the lockwire.



- (ii) Remove the nut, bolt and two washers at clip position 6060.
- (iii) Remove the nut, bolt, two washers and the bracket at clip position 6061.
- (iv) Remove the clips from the two connectors.
- (b) Disconnect the two electrical connectors 4022KS-A and 4022KS-D from the VSV Actuator.
- (c) Disassemble the clip at clip position 5798. Refer to Figure 15, the view at B.
 - (i) Remove the nut, bolt and two washers.
 - (ii) Remove the clips from the two connectors.
- (d) Disconnect the two electrical connectors 4022KS-B and 4022KS-C from the VSV actuator.
- (7) Disconnect the EEC Harness Electrical Connectors from the VSV Actuator, Figure 14.

SBE 71-0111:

 - (a) Remove and discard the lockwire from the two connectors 4022KS-A and 4022KS-D.
 - (b) Disconnect the two electrical connectors 4022KS-A and 4022KS-D from the VSV actuator.
 - (c) Remove and discard the lockwire from the two connectors 4022KS-B and 4022KS-C.
 - (d) Disconnect the two electrical connectors 4022KS-B and 4022KS-C from the VSV actuator.
- (8) Disconnect the EEC Harness from the Fan Speed Terminal Block, Figure 10.
 - (a) Disconnect the EEC harness sensor Leads (400VS-1, 400VS-2, 400VS-5, 400VS-6, 400VS-7 and 400VS-8) from the fan speed terminal block.
 - (i) Remove the six nuts that attach the sensor leads to the terminals on the terminal block.
 - (ii) Remove the sensor leads from the terminal block.



- (9) Remove the EEC Harness and the Fire Detection (System B) Harness (EBU 3) Figure 8 and 9.
- (a) Remove the EEC Harness (71-52-43, 01-005) and the fire detection (System B) harness (71-52-42, 01-005).
- (i) Disconnect the electrical connector 4027KS-A from the ACC actuator, Figure 9.
 - (ii) Remove the bolts, the washers, the nuts and the clips from the clip positions 5740, 5741 and 5743, Figure 8.
 - (iii) Remove the bolt, the washer, the nut and the clip from the clip position 5744 and remove the raceway (71-52-43, 05-100), Figure 8.
 - (iv) Remove the bolt, the washer, the clip, the spacer and the clipnut from the clip position 5690, Figure 8.
 - (v) Disconnect the T2.5 thermocouple terminal 4026KS-A. Refer to Figure 8, the view at A.
 - (1) Remove the two nuts that attach the EEC harness leads to the terminal block. Remove the harness leads from the terminal block.
 - (2) Remove the bolt that attaches the earth terminal to the terminal block bracket, remove the terminal and install the bolt again.
 - (vi) Disconnect the two electrical connectors 4008VC-A and 4009VC-A from the electrical receptacles 4008VC and 4009VC on the bifurcation panel.
 - (vii) Remove the eight nuts and bolts that attach the two electrical receptacles 4008VC and 4009VC to the bifurcation panel and move the receptacles clear of the bifurcation panel, Figure 13.
 - (viii) Disconnect the electrical connector 4006VC-A from the EEC link harness receptacle.
 - (ix) Remove the bolts, the washers, the spacers, the clips, the clipnuts and the nuts from the clip positions that follow:

5817, 5840, 5750, 5751, 5733, 5732, 5774, 5773, 5693, 5711, 5712, 5660, 5689, 5688, 5763, 5764, 5765, 5725, 5745, 5821, 5820, 5927.
 - (x) Remove the bolts, the washers, the clipnut, the nut and the clips from the clip positions 5776 and 6056 then remove the raceway (71-52-50, 04-500), Figure 9.



- (xi) Remove the harnesses from the HP compressor case.
- (10) Disconnect the electrical connectors (if required) at the fire detector, Figure 10, view at A.
- (11) Remove the Core Overheat Detector (EBU 3), Figure 10.
 - (a) Remove the core overheat detector (75-41-15, 01-100).
 - (i) Disconnect the electrical connector 4008KS-A.
 - (ii) Remove the nuts, the bolts, the washers, the spacers and the clips from the clip positions 5221 and 5223.
 - (iii) Remove the four nuts and bolts that attach the core overheat detector to the bracket (75-41-15, 05-010).
- (12) Remove the Variable Stator Vane (VSV) Actuator, Figure 17.
 - (a) Disconnect the fuel servo tubes 44 and 46 from the VSV actuator and remove the two packings, Figure 40.
 - (b) Remove the bolt, the washer, the clip and the clipnut from the clip position 5746 which attaches tube 39 to the bracket (75-32-41, 01-070).
 - (c) Disconnect the VSV actuator from the actuating mechanism.
 - (i) Remove the bolts, the washers and the nuts that attach the control rod to the actuator and the crankshaft. Remove the control rod.
 - (d) Hold the VSV actuator, remove the four bolts and the two washers that attach the actuator to the HP compressor case and remove the actuator. Remove the bracket (75-32-41, 01-070).
 - (e) Remove the bolt and the washer that attaches the bracket (75-32-41, 01-080) to the actuator and remove the bracket.
- (13) Disconnect and Remove the Tubes at the Bifurcation Panel, Figures 19, 20 and 21.
 - (a) Disconnect and remove the tubes at the bifurcation panel.
 - (i) Tube 16 – the stage 10 bleed air tube, Figure 76 sheet 1.

Disconnect the tube 16 from the tube 168.

SBE 75-0049: Remove the bolt, nut, spacers and clips at the clip position 5723 (Figure 16) which attaches tube 16, tube 20 (Figure 23) to the core zone fire detector (EBU 3).



Disconnect and remove the tube 16 from the tube 11.

- (ii) Tube 20 – The No. 5 bearing scavenge oil tube, Figures 23 and 24.

Remove the clip position 5225, Figure 22.

SBE 75-0049: Remove the clip position 5224.

Remove clip position 6068, Figures 10 and 24.

Disconnect the tube 20 from the tube 124, Figures 20 and 21.

- (iii) Disconnect the tube 2 from the tube 20 and remove the tube 20, Figure 79 sheet 1.

- (iv) Pre SBE 72-0189: Tube 32 – The stage 7 bleed air tube 32, Figure 76 sheet 3 and 4.

Remove clip position 5653 and 5650, Figures 25 and 39.

Disconnect the tube 32 from the tube 161 and the stage 7 bleed valve. Remove the tube 32.

- (v) Pre SBE 72-0189: Tube 48 – The cabin bleed air tube, Figure 20.

Remove the clip positions 5782 and 5783, Figures 27 and 34.

Disconnect and remove the cabin bleed air tube 48 from the tube 153, Figures 20 and 21.

- (vi) SBE 72-0189: Tube 48 – The cabin bleed air tube, Figure 20

Remove clip positions 6094, 6095, 6096 and 6098

Disconnect and remove the cabin bleed air tube 48 from the tube 153, Figures 20 and 21.

- (vii) Tube 53 – The PS3 sense tube, Figure 74 sheet 1 and 2.

Remove the clip positions 5647, Figure 35 and 5648, Figure 31.

Disconnect and remove the PS3 sense tube 53 from the tube 138, Figures 20 and 21.

- (viii) The tube 55 – The No. 4 bearing scavenge oil tube, Figure 79 sheet 1.

Disconnect the tube 55 from the tube 127 and disconnect and remove the tube 55 from the No.4 bearing chamber diffuser case adapter.



(ix) Tube 56 – The P4.9 pressure rake air tube, Figure 74.

Disconnect and remove the P4.9 pressure rake tube 56 from the tube 157.

(x) Pre SBE 72-0189: The tube 57 – The bearing oil feed tube.

Remove the clip position 5658, Figure 30.

Disconnect the bearing oil feed tube 57 from the tube 177, Figures 20 and 21.

Disconnect the tube 58 from the tube 57, Figure 29.

Remove the clip positions 5659, 5781 and 5665.

Disconnect and remove the tubes 23 and 24 from the tube 57 and also remove the tube 57, Figure 30.

Remove the bolt, the washer, the clip and the nut from clip position 5658.

(xi) SBE 72-0189: The tube 57 – The bearing oil feed tube.

Remove the clip positions 6080 and 6087.

Disconnect the bearing oil feed tube 57 from the tube 177, Figures 20 and 21.

Disconnect the tube 58 from the tube 57, Figure 29.

Remove the clip positions 5659, 5781 and 5665.

Disconnect and remove the tubes 23 and 24 from the tube 57 and also remove the tube 57, Figure 30.

Remove the bolt, the washer, the clip and the nut from clip position 5658.

(xii) The tube 24 – no. 4 bearing oil feed tube.

Remove the three bolts, nuts and bracket attaching tube 24 to the tube 21. Remove the tube 24 and the filter, discard the seal ring, Figure 30.



- (xiii) Tube 60 – The servo extend fuel tube, Figures 26, 31 and Figure 75 sheet 1.

Disconnect the servo extend fuel tube 60 from the tube 93, Figures 20 and 21. This procedure is continued (see NOTE below)

NOTE: Continue the procedure as detailed in – C. (16) Remove the HP servo fuel tubes, Figures 25 and 26.

- (xiv) Disconnect and remove the servo extend fuel tube 61 from the tube 106, Figures 20 and 21.

- (xv) Pre SBE 72-0189: Tube 62 – The fuel supply tube, Figure 75 sheet 1 and 2.

Disconnect the tube 62 from the tube 95, Figure 20 and 21.

- (xvi) SBE 72-0189: Tube 62 – The fuel supply tube, Figure 75 sheet 1 and 2.

Remove clip positions 5659 and 6077.

Disconnect the tube 62 from the tube 95, Figure 20 and 21.

- (xviii) Remove the three bolts that attach the tube 62 to the fuel distribution valve and remove the tube 62, Figure 32.

- (xix) Remove the sealing ring from the tube 62.

- (xx) Tube 63 and 51 – The stage 7 bleed air tubes, Figures 20, 21 and Figure 76 sheet 1.

Remove the clip positions 5641 and 5643.

Disconnect tube 63 from the tube 156 and the tube 51.

Disconnect and remove the tube 51 from the stage 7 bleed valve.

Remove the clip position 5640, Figure 39. Remove the tube 63.

- (xxi) Tubes 64 and 49 – The stage 10 bleed air tubes, Figure 76 sheet 1.

Disconnect the tube 64 from the tube 166 and the tube 49, Figures 20, 21 and 33. Remove the tube 64.

- (xxii) Remove the clip positions 5450 and 5397.



(xxiii) Disconnect and remove the tube 49 from the stage 10 bleed valve.

(xxiv) Tube 65 – The stage 7 bleed air tube, Figure 76 sheet 3 and 4.

Disconnect the tube 65 from the tube 145, Figures 20 and 21.

(xxv) Remove the clip position 5642.

(xxvi) Disconnect the tube 50 from the stage 7 bleed valve and the tube 65. Remove the tubes 65 and 50, Figure 76 sheet 3 and 4.

(xxvii) Tube 67 – The P2.5 pressure air tube.

Disconnect the tube 67 from the tube 243.

(xxviii) Remove the bolts, the washers, the clips and the nuts from the clip positions 5700, 5704 and 5777, Figure 34.

(xxix) Disconnect the tube 67 from the tube 66 and remove the tube 67.

(xxx) Tube 68 – The stage 10 on/off solenoid air tube, Figure 78.

Disconnect and remove the tube 68 from the tube 162 and tube 37, Figure 78.

(xxxi) Tube 69 – The No.4 bearing scavenge valve air tube, Figure 36 and 80 sheets 1, 2 and 3.

Disconnect tube 38 from tube 69 and the tube 69 from the tube 143, remove the tube 69, Figures 20, 21 and 80 sheets 1, 2 and 3..

(b) Remove the preformed packings from the tubes 93, 95 and 106.

(14) Remove the HP Servo Fuel Tubes, Figures 25 and 26.

(a) Disconnect the tubes 27, 28 and 44.

(i) Remove the bolt, the washers, the clips and the nut from the clip position 5748.

(ii) Disconnect the tubes 28 and 44 from the tube 60 and the tube 27 from the tube 61. Remove the three packings.

(iii) Disconnect the tube 41 from the upper connection of the 61 and remove the packing.

(iv) Disconnect the tube 43 from the upper connection of the tube 60 and remove the packing.



(b) Remove the tubes 60 and 61, Figure 75 sheet 1.

(i) Remove the bolts, the washers, the spacers, the clips, the nuts and the clipnuts from the clip positions 5666, 5667 and 5668, Figures 25 and 31.

(ii) Remove the tubes 60 and 61 and remove the two preformed packings.

(15) Remove the Raceway (71-52-50, 05-100), Figures 37 and 39.

(a) Remove the bolts, the washers, the spacer, the clips, the nuts and the clipnut from the clip positions 5676, 5650, 5802 and 5803 and remove the raceway (71-52-50, 05-100).

(b) Undo clip point 5427, Figure 38.

D. Removal Instructions – Fancase External Dressings

(1) Refer to the following 'before alteration' tube schematic Figures throughout this removal procedure.

(a) Figure 49 sheet 1 and 2– the bifurcation panel fancase tubes.

Figure 53 sheet 1 and 2– the oil scavenge tubes.

Figure 54 sheet 1 – the IP/HP cabin air bleed tubes.

Figure 55 sheet 1, 2 and 3 – the fuel tubes.

Figure 56 sheet 1– the fuel system air tubes.

Figure 57 sheet 1– the HP compressor bleed air tubes.

Figure 58 – the turbine cooling controlled air tubes.

Figure 59 sheet 1– the No.4 bearing compartment cooling and sealing tubes.

Figure 60 – the pressure oil tubes.

Figure 69 sheet 1 and 2 and Figure 70 sheet 1 and 2 – the bifurcation panel core tubes, before and after alteration.

NOTE: Refer to TASK 72-00-60-020-001-B00 and SBN 71-0272 for the procedure to remove the intermediate case module drains system.



- (2) Disconnect the electrical harnesses at the applicable clip positions for access to the bifurcation panel, Figure 41 sheets 1 to 8.
- (a) Disconnect the harness at the following harness clip positions during removal sequence for each of the fan case tubes.
 - (b) During this removal sequence remove the lacing tape which attaches the EEC harness and the ignition supply harness together.
 - (c) Remove the clip positions 1088, 0541, 0540, 0538, 1064, 0536, 0535, 0534, 0887, 1023 and datum clip position 1022 (Release the EEC harness, right side electrical connector 4009VC-A (Figure 41 sheet 8).
 - (d) Remove the clip positions 1089, 1090 and 1091 to release the ignition supply harness (right side), Figure 41 sheet x.
 - (e) Remove the bonded clips at the clip positions 0535, 0536, 0538 and 1064, Figure 41 sheet 2.

Remove the braid lacing which attaches the split sleeves to the harness and remove the split sleeves, Figure 41 sheet 1.

Remove the adhesive tape wrapping which attaches the harness to the ignition supply harness at the split sleeve locations.

- (f) Remove the clip position 1172 to release the ignition supply harness (right side), Figure 41 sheet 1.
- (g) Remove the bolt, washers and nut which attach the fuel flow transmitter bonding lead to the raceway bonding lug, Figure 41 sheet 6.

Remove the bolt, washers and nut which attach the fuel flow transmitter bonding lead at the clip position 1141, Figure 41 sheet 1.
- (h) Remove the clip positions 1173, 1174, 1170, 1040 and 1141 to release the ignition supply harness (left side), Figure 41 sheet 1.
- (i) Remove the clip positions to release the EEC harness, left side (to electrical connector 4008VC-A, Figure 41 sheet 8).

Clip position 0248 Figure 42 sheet 2.

Clip position 1086, Figure 41 sheet 1.

Clip position 0250, Figure 41 sheet 1.

Clip position 0251, Figure 41 sheet 1 and 6.

NOTE: Clip position 0254 and datum clip position 0256, Figure 41 sheet 1.



- (j) Move the left and right side harness limbs sufficiently clear to gain access to bifurcation panel for tube removal. Use temporary harness ties to hold and secure the harness safely.
- (3) Disconnect the harness at the remaining applicable harness clip positions.
 - (a) Remove the bolts, washers, clips and nuts at the clip positions 0839, 0838, and 0554 which secure the general services harness (71-51-43, 01-005) to tube 126 (79-22-49, 04-500). Refer to Figure 41 sheet 4.
 - (b) Remove the bolt, washer, clip and nut at the clip position 0529 which secures the EEC harness to the tube 126. Figure 41 sheet 1.
 - (c) Remove the bolt, washers and nut at the clip position 1048 which holds the EEC harness to tubes 188 and 192. Temporarily re-install the clip 71-51-41, 02-218, bolt 71-51-41, 22-549 and the nut (71-51-41, 22-556) to hold the clip around the EEC harness. Make sure that the clip holds the spirap protection wrapping in position. Figure 41 sheet 3.
- (4) Remove the EGT harness clip position 5553.
 - (a) At the clip position 5553 remove bolt, washer and clip nut which attaches the EGT harness to the bracket (75-00-49, 01-670), Figure 83.
- (5) Remove the tubes at the bifurcation panel, Figure 20 and Figure 42 sheets 1 to 5.
 - (a) During the removal procedure give the tubes temporary support during the removal sequence. Use applicable clip positions to hold the tube or tubes loosely so the tube assemblies are not strained.

Remove the bolts, the washers, the nuts and the clips at the clip positions 0574, 0572 and 1067, Figure 42 sheet 1.
 - (b) Remove the bolt, the washer, the nut and the clip at clip position 1171, Figure 42 sheets 1 and 5.
 - (c) Remove the two bolts and the two nuts which attach the tube 145 to the bifurcation panel. Disconnect the tube 145 from the tube 144. Remove the tube 145, Figure 45 sheet 1 and Figure 21.

NOTE: Refer to Figure 46 sheet 10, Detail on A for a typical view of a fancase tube attachment at the bifurcation panel.
 - (d) Remove the two bolts and the two nuts which attach the tube 166 to the bifurcation panel. Disconnect tube 166 from tube 165. Remove the tube 166, Figure 45 sheet 3.
 - (e) Remove the bolts, the washers, the nuts and the clips at the clip positions 0570 and 1037, Figure 42 sheet 3 and Figure 45 sheet 1.



- (f) Remove the bolt, the washer, the spacer, the nut and the clips at the clip position 0573, Figure 42 sheet 2.
 - (g) Remove the bolts, the washers, the spacers, the nuts and the clips at the clip positions 0576 and 1078, Figure 45 sheet 1 and Figure 41 sheet 8.
 - (h) Remove the two bolts and the two nuts which attach the tube 156 to the bifurcation panel. Disconnect tube 155 from the tube 156. Remove the tube 156, Figure 45 sheet 2.
 - (i) Remove the two bolts and the two nuts which attach the tube 161 to the bifurcation panel. Disconnect tube 161 from tube 160. Remove the tube 161.
 - (j) Remove the two bolts and the two nuts which attach the tube 143 to the bifurcation panel. Disconnect tube 194 from tube 143, Figure 45 sheet 1. Remove the tube 143.
 - (k) Remove the bolt, the washers, the nut, and the clip at clip position 1169. (EBU 3), Figure 42 sheet 2.
- (6) Remove the Bifurcation Panel Tubes, Figure 21 and Figure 42 sheets 1 to 5.
- (a) Pre SBE 75-0081: Remove the bolts, the washers and the nuts at clip positions 0564, 0602, 1399 and 0758, Figure 42 sheets 1 and 2.

SBE 75-0081: Remove the bolts, the washers and the nuts at clip positions 0564 and 1399, Figure 42 sheet 1.
 - (b) Remove the two bolts and the two nuts which attach the tube 162 to the bifurcation panel. Disconnect tube 162 from the tube 163 and remove the tube 162, Figure 42 sheet 2 and Figure 45 sheet 1.
 - (c) Remove the bolts, the washers, the spacers, the nuts and the clips at the clip positions 0569, 1080, (Figure 42 sheet 4), 0562 (Figure 45 sheet 1) and 0566 (Figure 42 sheet 1).
 - (d) Remove the two bolts and the two nuts which attach the tube 243 to the bifurcation panel. Disconnect tube 242 from tube 243. Remove the tube 243, Figure 45 sheet 1.
 - (e) Remove the two bolts and the two nuts which attach the tube 157 to the bifurcation panel, Figure 42 sheet 2. Disconnect tube 157 from tube 158. Remove the tube 157, Figure 45 sheet 1.
 - (f) Remove the bolts, the washers, the nuts and the clips at the clip positions 0561, Figure 42 sheet 1, 0565 and 1118 (SBE 73-0019), Figure 42 sheet 1.



- (g) Remove the two bolts and the two nuts which attach the tube 138 to the bifurcation panel. Disconnect tube 138 from tube 137. Remove the tube 138, Figure 45 sheet 3.
 - (h) Disconnect the tube 236 from the tube 153, Figure 42 sheet 2. Remove the two bolts and the two nuts which attach the tube 153 to the bifurcation panel. Remove the tube 153.
 - (i) Remove the bolt, the washer, the spacer and the nut at the clip position 1079, Figure 42 sheet 2. Remove the tube 236.
 - (j) Disconnect the tube 167 from the tube 168, Figure 42 sheet 2. Remove the two bolts and the two nuts which attach the tube 168 to the bifurcation panel. Remove the tube 168.
- (7) Remove the tubes 124 and 127, the scavenge oil tubes, Figure 42 sheet 1
- (a) Remove the two bolts and the two nuts which attach the tube 124 to the bifurcation panel. Disconnect the tube 124 from the tube 123 using the IAE 1R18001 wrench, Figure 42 sheet 6. Remove the tube 124.
 - (b) Remove the bolts, the washers, the spacers, the nuts and the clips at clip position 1397 and 1398, Figure 44 sheet 1
 - (c) Disconnect tube 204 from tube 127, Figure 42 sheet 2 and tube 205 from tube 204. Remove tube 204.
 - (d) Remove the two bolts and the two nuts which attach the tube 127 to the bifurcation panel, Figure 45 sheet 1. Disconnect and remove the tube 127 from the tube 126 with the IAE 1R18003 wrench 1 off.
- (8) Remove the tubes 177 and 95 from the bifurcation panel, Figure 21.
- (a) Remove the two bolts and the two nuts which attach the tube 177 to the bifurcation panel.
 - (b) Disconnect the tube 113 from the tube 177 using IAE1R18001 wrench 1 off., Figure 42 sheet 5.
 - (c) Remove the bolt, washer, clips and nut at the clip position 0968, which attach tube 95 to tube 216, Figure 68 sheet 1.
 - (d) Remove the bolt, washers, clips, spacer and nut at the clip position 0246, Figure 42 sheet 3. Remove the tube 177.
 - (e) Remove the two bolts and the two nuts which attach the tube 95 to the bifurcation panel.
 - (f) Disconnect and remove the tube 95 from the tube 94 using IAE1R18001 wrench 1 off.



- (9) Remove the tubes 93 and 106 from the bifurcation panel, Figure 21.
- (a) Loosen the tube nut which attaches tube 192 to tube 106, Figure 42 sheets 2 and 3.
- NOTE: Tube 192 is removed later in the procedure.
- (b) Remove the two bolts and the two nuts which attach the tube 106 to the bifurcation panel.
- (c) Disconnect the tube 103 from the tube 106, Figure 44 sheet 1.
- (d) Remove the bolt, the washer and the nut, spacer and clip which attaches tube 106 to the raceway at the clip position 1168, Figure 42 sheet 2.
- (e) Remove the bolt, washers, clips, spacer and nut at the clip positions 1065, Figure 42 sheets 2.
- (f) Remove the bolts, washers, clips, spacer and nuts at the clip positions 0927 and 0928, Figure 42 sheets 2, 3 and 4. Remove tube 106.
- (g) Remove the two bolts and the two nuts which attach the tube 93 to the bifurcation panel.
- (h) Disconnect and remove the tube 93 from the tube 89, Figure 45 sheet 9.
- (10) Remove the Electrical Harness Raceway (71-51-50, 01-100), Figure 44 sheets 1 and 2.
- (a) Remove the bolt, the washers, the nut, the clips and spacer at the clip position 0537, Figure 45 sheet 1.
- (b) Remove the bolt, the washer and the nut which attaches the bonding strap to the raceway, Figure 44 sheet 3.
- NOTE: The bonding strap (and the nut and the bolt which attaches it) is permanently installed on the LP compressor/intermediate case module flange. It is not necessary to remove the bonding strap in this procedure.
- (c) Remove the bolt, the washer and the nut, spacer and clip at the clip position 0255, Figure 44 sheet 2.
- (d) Remove the bolt and the clipnut at the clip position 0533, Figure 44 sheet 2. Remove the raceway.



- (11) Remove the fan case lower right side tubes, Figure 45 sheet 1.
- (a) During the removal procedure give the tubes temporary support during the removal sequence. Use the applicable clip positions to hold the tube or tubes loosely so the tube assemblies are not strained.
 - (b) Remove the bolts, the washers and the clips and nut at the clip positions 0578, 0585, 0583 and 0581. Figures 45 sheet 1 and Figure 45 sheet 2.
 - (c) Remove the bolt, the washer, the spacer, the clipnut and the clips at the clip position 0589. Figure 45 sheet 3.
 - (d) Remove the bolt, the washers, the nut and the clips at the clip position 0577. Figure 45 sheet 2.
 - (e) Disconnect and remove the tube 163 from tube 195 (75-23-48, 01-500), Figure 45 sheet 5.
 - (f) Disconnect the tube 152 from the tubes 236 and 151. Remove the tubes 236 and 152. Figure 45 sheet 5.
 - (g) Disconnect the tube 197 (75-32-49, 09-500) from the tube 160. Remove the tube 160, Figure 45 sheet 5..
 - (h) Disconnect tube 154 (75-32-49, 11-100) from tube 155. Remove the tube 155. Figure 45 sheet 5.
 - (i) Remove the bolts, the washers, the spacers and the clips at the clip positions 0582, 0584, 0586 and 0587. Figure 45 sheet 3 and 4.
 - (j) Remove the bolt, washer, clips, spacer and clipnut at the clip position 0588. Figure 45 sheet 2.
 - (k) Disconnect the tube 164 from the tube 165. Remove the tube 165 (75-32-49, 04-100). Figure 45 sheet 5.
 - (l) Disconnect the tube 241 from the tube 242 and remove the tube 242 (73-22-49, 10-500). Figure 45 sheet 5.
 - (m) Disconnect and remove the tube 158 (73-22-49, 03-100) from the tube 159. Figure 45 sheet 4.
 - (n) Disconnect the tube 135 from the tube 137. Remove the tube 137 (73-22-49, 06-500). Figure 45 sheet 3.
 - (o) Disconnect and remove the tube 144 (75-32-49, 08-100) from the tube 196. Figure 45 sheet 5.
 - (p) Disconnect tube 128 from the tube 194 (75-22-49, 06-500) . Remove the tube 194. Figure 45 sheet 7.



- (q) Remove the bolt, the washer, the spacer, the clipnut and the clips at the clip position 0587. Figure 45 sheet 3.
- (r) Disconnect and remove the tube 217 (EBU 3) from the collector plate assembly. Refer to SBN 71-0272 and Engine Manual TASK 72-00-60-020-001-B00 as necessary.
- (s) Remove the bolt, washer, clip and nut at the clip position 0563. Figure 45 sheet 1.
- (t) Remove the bolt, washers, clips and nut at the clip position 0560. Figure 45 sheet 2.
- (u) Disconnect tube 149 from the tube 167. Remove the tube 167. Figure 45 sheet 7.
- (v) Remove the bolts, washers, clips, clip nuts, and nuts at the clip positions 0555, 1035, 0558, 0557, and 0556. Remove the tube 128. Figure 45 sheets 6, 7 and 8.
- (w) Disconnect and remove the tube 193 from the No. 4 bearing oil pressure transducer and the tube 126. Figure 45 sheet 6.
- (x) Remove the tube 126, Figure 45 sheet 6.
- (y) Remove the clip position 1036. Disconnect and remove tube 191 from tube 190. Figure 45 sheet 2 and Figure 45 sheet 7.
- (z) Disconnect tube 189 from tube 188, Figure 45 sheet 7.
- (aa) Disconnect tube 187 from 188, remove the tube 188, Figure 45 sheets 10 and 11.
- (ab) Disconnect tube 192 from tube 191 and tube 106, Figure 45 sheet 3. Remove tube 192.
- (ac) Remove the bolt, nut and washer at the clip position 0953 which attaches tube 219 (71-73-48, 03-500) to the bracket 740-5714-507.

E. General Installation Instructions

Loosely assemble the tubes together and tighten them by hand during the installation procedure. Hand tighten the clip position attaching parts. This will give flexibility and movement and not put strain on the tubes. Where access allows fully torque the tube nuts and then the clip positions when all the tubes are connected and installed. Torque the nuts securing the tubes at the bifurcation panel after all the tubes have been installed. Refer to each specific step for the torque values and procedure at the point of application.



Torque the tube nuts and clips so that the tubes are free of preload and have a minimum clearance of 0.10 in. (2,54 mm) with adjacent components and structure. Refer to SPP TASK 70-42-01-400-501 to tighten tube end connectors. Make sure that the tubes always have support to prevent unwanted strain.

Refer to SPP TASK 70-42-01-400-501 for the procedures to re-use self locking fasteners.

For the torque tightening procedures refer to the SPP TASK 70-41-00-400-501 and SPP TASK 70-41-01-400-501.

These Accomplishment Instructions do not instruct the incorporation of EBU 3 engine externals, for complete instructions refer to SBN 71-02723. However, partial reference is given to some EBU 3 dressings for information purposes only, these are identified as in the example that follows - Remove the EEC Harness and the Fire Detection (System B) Harness (EBU 3), Figure 10 and 12.

Refer to the applicable Engine Manual TASK for details of existing clip positions referenced in this procedure.

TASK 72-00-32-420-001-B00 - fancase harness clip positions shown on brackets/rafts.

TASK 72-00-32-420-004-B00 - fancase harness clip positions.

TASK 72-00-32-420-003-B00 - fancase tube clip positions.

TASK 72-00-60-420-002-B00 - gearbox clip positions.

TASK 72-00-60-420-003-B00 - gearbox clip positions (drains system).

TASK 72-00-40-420-004 - core harness clip positions.

TASK 72-00-40-420-005-B00 - core harness clip positions.

TASK 72-00-40-420-006-B00 - core harness clip positions.

TASK 72-00-40-420-007-B00 - core harness clip positions.

NOTE: The bold outline shown in a Figure in this Service Bulletin indicates change.

NOTE: To locate a clip position enter the clip position number in the word search facility of the CD-ROM version and search the applicable Engine Manual publication.

Refer to SPP TASK 70-43-01-400-501 and SPP TASK 70-43-02-400-501 for the general procedure to install electrical connectors and open wire harnesses.



Safety the applicable securing features in accordance with SBE 70-0813 and existing Engine Manual procedures. For safety cable data and procedures refer to SPP TASK 70-42-08-400-501.

For the lockwire data and procedures refer to SPP TASK 70-42-05-400-501.

To identify, lubricate and install the seal rings refer to SPP TASK 70-44-00-400-501.

Lubricate all threads and abutment faces of nuts and bolts with CoMat 10-077 approved engine oils, unless specified differently.

F. Removal/Installation - Bifurcation Panel and Associated Engine Brackets

- (1) During these procedures clean all mating faces before installation. Refer to SPP TASK 70-11-26-300-503 for the procedure to swab clean components.
- (2) Remove the Bifurcation Panel (Figure 43)
 - (a) Remove the two bolts (72-38-25, 01-310) and the two washers (72-38-25, 01-312) which attach the bifurcation panel to the No.6 strut fairing panel (72-38-25, 01-300 (6A4624)), discard the two washers 4W2622.
 - (b) SBE 75-0081: Remove cover (72-38-25, 01-290), two bolts (72-38-25, 01-292) and 2 nuts (72-38-25, 01-294) and retain to be fitted to new panel later.
 - (c) Remove the bifurcation panel.
- (3) Install the new Bifurcation Panel (Figure 52 Sheets 1, 2 and 3)
 - (a) Clean the mating surfaces of the bifurcation panel 6A7930 and the No.6 strut fairing panel. Refer to SPP TASK 70-11-26-300-503 for the procedure to swab clean components.
 - (b) Install the bifurcation panel 6A7930 (72-38-25, 01-300) and bracket 6A8165 to the No.6 strut fairing panel with the two bolts AS21010 (72-38-25, 01-310). Torque the bolts to 85 to 105 lbfin. (10 to 12 Nm.).
- (4) Remove the tube support bracket 5W0043 (73-11-49, 22-470) at the flange FE, and install the new bracket 6A8234 (Figure 47)
 - (a) Remove the two bolts 4W0164 (73-11-49, 22-474) and the two nuts (73-11-49, 22-471) which attach the bracket at the holes 51 and 52. Remove the bracket (Figure 47, detail on G and Figure 52 Sheets 4 and 5).



- (b) Install 6A8234 bracket at the flange E (Figure 52 Sheets 4 and 5)
 - (i) Install the bracket 6A8234 (73-11-49, 22-470) at the holes 51 and 52 on forward face of flange E with the two bolts 4W0165 and the two nuts 4W0002 (73-11-49, 22-474 and 22-471).
 - (ii) Torque the two nuts 4W0002 to 85 to 105 lbfin. (10 to 12 Nm.).
- (c) Install the new bracket 6A8173 at the Air Modulating Valve (Figure 52 Sheet 6)
 - (i) Remove the bolt 4W0165 (79-21-51, 01-120) and washer 4W2622 (79-21-51, 01-110) from the air modulating valve flange, blind hole, refer to detail AH.
 - (ii) Remove the bolt 4W0169 (79-21-51, 01-115), two washers 4W2622 (79-21-51, 01-110) and nut 4W0002 (79-21-51, 01-105). Discard one washer 4W2622, refer to detail AM.
 - (iii) Install the new bracket 6A8173 to the rear side of the ACOC/air modulating valve flange with the bolt 4W0165 (79-21-51, 01-120)(at the blind hole) and the bolt 4W0169 (79-21-51, 01-115), washer 4W2622 (79-21-51, 01-110) and nut 4W0002 (79-21-51, 01-105). Make sure the washer is installed under the 4W0169 bolt head, refer to detail AM.
 - (iv) Torque the bolt and nut to 85 to 105 lbfin. (10 to 12 Nm.).
- (5) Remove the tube support bracket 740-5714-507 (72-60-10, 01-456) from the de-oiler casing flange and install the bracket 6A8166 (Figure 48 and Figure 52 Sheet 7)
 - (a) Remove the two nuts 4W0002 (72-60-10, 01-455) at 7 o'clock and 8 o'clock positions which hold the bracket 740-5714-507 (72-60-10, 01-456) to the gearbox casing de-oiler flange. Remove the bracket.
 - (b) Remove the nut 4W0002 (72-60-10, 01-456) and washer MS9321 (72-60-10, 01-460). Discard the washer MS9321.
 - (c) Install the new bracket 6A8166 to the de-oiler casing flange studs and attach the bracket with the three nuts 4W0002 (72-60-10, 01-456).

Torque the three nuts to 85 to 95 lbfin. (9,604 to 10,734 Nm.).
 - (d) At the existing CP0953, install clip 400WSS4 (71-73-48, 03-535) on the tube 219 (71-73-48, 03-500) and attach them to the bracket 6A8166 (72-60-10, 01-456) with the bolt AS21408 (71-73-48, 03-533), washer SP154D (71-73-48, 03-537) and nut AS20624 (71-73-48, 03-539)(EBU 3).



- (6) Remove the bracket 2A1696-01 or 2A2542-01 (72-41-00, 03-400) (Figure 52 Sheets 1, 2, 8 and Sheet 9)
- (a) Pre SB ENG-72-0119: Remove the bracket 2A1696-01
- (i) Remove the two bolts (72-41-00, 01-302) at the flange holes 19 and 21.
 - (ii) Remove the bolt (72-41-00, 01-314) securing the bracket at the anchor nut position at the flange hole 20. Remove the deleted bracket 2A1696-01 or 2A2542-01.
- (b) SB ENG-72-0119: Replace the bracket 5W8302 with 6A5748
- (i) Remove the bolt (72-41-00, 01-314) and the nut (72-41-00, 01-302) at the bolt position 22.
 - (ii) Remove the bolt (72-41-00, 01-308) and the nut (72-41-00, 01-302) at the bolt position 23. Remove the bracket 5W8302 (72-41-00, 03-350).
 - (iii) Put the bracket 6A5748 in position on the compressor rear outer case front flange (on the rear face of the flange) at the positions 22 and 23.
 - (iv) Install the bolt (72-41-00, 01-314) and the nut (72-41-00, 01-302) at the bolt position 22.
 - (v) Install the bolt (72-41-00, 01-308) and the nut (72-41-00, 01-302) at the bolt position 23.
 - (vi) Torque the two nuts to 180 to 220 lbfin. (20 to 25 Nm).
- (7) Replace the bracket 5W1997 or 5W8396 (72-41-00, 03-320) with the bracket 6A5749 (Figure 52 Sheets 1, 2, 8, and 9)
- (a) Remove the two bolts and two nuts (72-41-00, 01-308 and 01-302) which attach the bracket 5W1997 or 5W8396 (72-41-00, 03-320) to the compressor rear outer case front flange at the bolt positions 16 and 17 (Figure 52 Sheet 9, Section AK).
- (b) Install the two bolts and two nuts (72-41-00, 01-308 and 01-302) to attach 6A5749 bracket (72-41-00, 03-320) to the compressor rear outer case front flange at the bolt positions 16 and 17 (Figure 52 Sheet 9, Section AK).
- (c) Torque the two nuts (72-41-00, 01-302) to 180 to 220 lbfin. (20 to 25 Nm).



- (8) Replace the bracket 5W0078 (75-00-49, 01-680) with the bracket 6A5758 (Figure 52 Sheets 8 and 10)
- (a) Remove the two bolts (75-00-49, 01-702) which attach the bracket 5W0078 to the cabin air off-take duct (75-00-49, 01-700) and remove the bracket (Figure 52 Sheet 10 View at AL, before alteration).
 - (b) Remove the two adjacent bolts (75-00-49, 01-702) from their installed positions for the new 6A5758 bracket (Figure 52 Sheet 10 View at AL, after alteration).
 - (c) Attach the new bracket 6A5758 to the cabin air off-take duct flange with three bolts (75-00-49, 01-702) (Figure 52 Sheet 10 View at AL, after alteration).
 - (d) Install the remaining bolt (75-00-49, 01-702) to the cabin air off-take duct flange.
 - (e) Torque the four bolts (75-00-49, 01-702) to 85 to 105 lbfin. (10 to 12 Nm.).
- (9) Install the new bracket 745-5069-501 (75-00-49, 01-242) (Figure 52 Sheet 11)
- (a) Remove the two bolts 4W0651 from the engine off-take duct (75-00-49, 01-250).
 - (b) Install 745-5069-501 bracket to the duct with the two bolts 4W0651. Torque the bolts to 60 to 80 lbfin. (6,78 to 9,6 Nm).

G. Installation Instructions – Fancase Dressings

- (1) Install the raceway 6A6231 (71-51-50, 01-700), Figure 61 sheet 3.
- (a) At the CP0556, install the raceway (lug) 6A6231 to the existing flange bracket 6A7634 with the bolt 4W0102 and the clipnut 4W0043, Figure 64 sheet 2.
 - (b) Torque the bolt at the clip position 0556 to 36 to 45 lbfin. (4 to 5 Nm).
 - (c) Install the existing clip positions to raceway (lug) 6A6231.
 - (i) Pre SBE 75-0081: Attach the raceway (lug) 6A6231 to the tube 128 at the existing clip positions 0555, 0557 and 1035 with the existing bolts, washers, clips and nuts.
 - (ii) SBE 75-0081: Attach the raceway (lug) 6A6231 to the tube 128 at the existing clip positions 0555, 0557, 0558 and 1035 with the existing bolts, washers, clips and nuts.



- (iii) Attach the harness (71-51-43, 01-005) to raceway (lug) 6A6231 at the existing clip positions 0554, 0838 and 0839, Figure 41 sheet 4.
 - (iv) Attach the harness (71-51-41, 01-005) to raceway (lug) 6A6231 at the existing clip position 0529, Figure 41 sheets 1.
 - (v) Torque the nuts at the clip positions to 36 to 45 lbfin. (4 to 5 Nm).
- (2) Install the raceway 6A6237 (71-51-50, 01-100), Figure 61 sheet 2.
- (a) Attach the raceway to the bracket (73-11-49, 07-070) at the existing clip position 0255.
 - (b) At the CP1461, install the clip AS62408 on 6A5364 (tube 89, FMU fuel tube, 73-11-49, 10-100), to the lug (tube) 6A6237 (on raceway) with the bolt 4W0102, washer K8831 and nut 4W0001, Figure 64 sheet 42.
 - (c) Torque the bolt at the clip position 0255 and nut at the clip position 1461 to 36 to 45 lbfin (4 to 5 Nm).
- (3) Install existing tube 95, fuel tube (73-11-49, 08-100), Figure 42 sheet 3.
- (a) Install the tube 95 to the bifurcation panel with the two bolts and the two nuts (73-11-49, 08-114 and 08-110).
 - (b) Connect the tube 95 to the tube 94 (73-11-49, 07-500). Tighten the tube nut with IAE 1R18001 wrench.
 - (c) Torque the nuts at the bifurcation panel to 85 to 105 lbfin (10 to 12 Nm).
 - (d) Torque the tube 95 nut to 398 to 434 lbfin (45 to 49 Nm). Safety the tube nut with CoMat 02-126 lockwire.
- (4) Install the existing tube 177, pressure oil tube (79-21-49, 04-500), Figure 42 sheet 5.
- (a) Install the tube 177 to the bifurcation panel with the two bolts and the two nuts (79-21-49, 04-514 and 04-510).
 - (b) Connect the tube 113 (79-21-49, 04-100) to the tube 177.
 - (c) At the CP1457, install the clip AS62412 on existing tube 177 oil feed tube, to the raceway (lug) 6A6237 with the bolt 4W0109, spacer UP10479, washer K8831 and nut 4W0001, Figure 64 sheet 40.
 - (d) Torque the two nuts at the bifurcation panel to 85 to 105 lbfin (10 to 12 Nm).



- (e) Torque the tube 113 nut to 398 to 434 lbfin (45 to 49 Nm) with the IAE 1R18001 wrench 1 off.
- (f) Torque the nut at the clip position 1457 to 36 to 45 lbfin (4 to 5 Nm).
- (5) Install the existing fuel tubes 106 and 93 (73-11-49, 20-100 and 10-500), Figure 42 sheet 2.
 - (a) Install the tube 106 to the bifurcation panel with the two bolts and the two nuts (73-11-49, 20-106 and 20-102).
 - (b) Connect the tube 103 to the tube 106.
 - (c) Install the tube 93 to the bifurcation panel with the two bolts and the two nuts (73-11-49, 10-514 and 10-501).
 - (d) Connect tube 89 (73-11-49, 10-100) to tube 93 (73-11-49, 10-500).
 - (e) Install the bolt, washers, clips, spacer and nut at the existing clip position 1065 to attach the tube 106 to the tube 93.
 - (f) At the CP1460, install the clip AS62408 on tube 106, FMU fuel tube (73-11-49, 20-100) to the lug (tube) 6A6237 (on raceway) with the bolt 4W0102, washer K8831 and nut 4W0001, Figure 64 sheet 42.
 - (g) Torque the tube 103 tube nut (connected to the tube 106) to 283 to 310 lbfin (32 to 35 Nm). Safety the tube nut with CoMat 02-126 lockwire.
 - (h) Torque the tube 89 tube nut (connected to the tube 93) to 283 to 310 lbfin (32 to 35 Nm). Safety the tube nut with CoMat 02-126 lockwire.
 - (i) Torque the nuts which attach tube 106 and tube 93 to the bifurcation panel to 85 to 105 lbfin (10 to 12 Nm).
 - (j) Torque the nuts at the clip positions to 36 to 45 lbfin (4 to 5 Nm).
- (6) Install 6A6208, tube 124, No.5 oil scavenge tube (79-22-49, 02-100), Figure 71 sheet 1 and 2 and Figure 53 sheet 3.
 - (a) Install the tube 124 to the bifurcation panel with the two bolts and the two nuts (79-22-49, 02-106 and 02-102).
 - (b) Connect 6A6208 (tube 124, No.5 oil scavenge tube, 79-22-49, 02-100) to the existing tube 123 (79-22-49, 02-500) with IAE 1R18001 wrench.
 - (c) Torque the tube 124 nut to 398 to 434 lbfin (45 to 49 Nm) with the IAE 1R18001 wrench. Safety the tube nut with CoMat 02-126 lockwire.
 - (d) Torque the nuts which attach tube 124 to the bifurcation panel to 85 to 105 lbfin (10 to 12 Nm).



- (7) Install 6A6215 (tube 168, HP bleed air tube, 75-32-49, 01-500), Figure 71 sheet 1 and 2 and Figure 57 sheet 2.
- (a) Install the tube 168 to the bifurcation panel with the two bolts and the two nuts (75-32-49, 01-506 and 01-502).
 - (b) Connect the existing tube 149 (75-32-49, 02-500) to 6A6215 (tube 168, HP bleed air tube, 75-32-49, 01-500).
 - (c) At the CP0558, install the clip AS62408 on 5A9139 (tube 149, HP bleed air tube, 75-32-49, 02-500) and the clip AS62416 on the raceway 6A6231 to the existing bracket 6A4711 with the bolt, the existing washer and existing clipnut, Figure 64 sheet 3.
 - (d) At the CP1435, install the clip AS62408 on 6A6215 (tube 168, HP bleed air tube, 75-32-49, 01-500), to the bracket 6A8234 with the bolt 4W0103, washer K8831 and nut 4W0001, Figure 64 sheet 28.
 - (e) Torque the two nuts at the bifurcation panel to 85 to 105 lbfin (10 to 12 Nm).
 - (f) Torque the tube 149 nut (connected to tube 168) to 283 to 310 lbfin (32 to 35 Nm). Safety the tube nut with CoMat 02-126 lockwire.
 - (g) Torque the bolt at the clip position 0588 and nuts at the clip positions 1414, 1435 to 36 to 45 lbfin (4 to 5 Nm).
- (8) Install 6A6228 (tube 143, No.4 bearing cooling air tube, 75-22-49, 06-100) and existing tube 128 (no. 4 bearing cooling air tube, 75-22-49, 07-100), Figure 71 sheet 1 and 2 and Figure 59 sheet 2.
- (a) Install the tube 143 to the bifurcation panel with the two bolts and the two nuts (75-22-49, 06-106 and 06-102).
 - (b) Connect the tube 128 to the tube 143.
 - (c) Connect the tube 128 to the No.4 bearing scavenge valve.
 - (d) At the CP1417, install the clip AS62405 on 6A6228 (tube 143, No.4 bearing cooling air tube 75-22-49, 06-100), clip AS62408 on 6A6215 (tube 168, HP bleed air tube, 75-32-49, 01-500) and install them to the to the tube (lug) 6A6208 (tube 124, No.5 bearing scavenge oil tube, 79-22-49, 02-100) with the bolt 4W0113, washer K8831, spacer UP10480 and nut 4W0001, Figure 64 sheets 15 and 16.
 - (e) Torque both the tube 128 nuts to 204 to 221 lbfin (23 to 25 Nm).
 - (f) Safety both the tube 128 nuts with CoMat 126 lockwire.
 - (g) Torque the nuts attaching tube 143 at the bifurcation panel to 85 to 105 lbfin (10 to 12 Nm).



- (h) Torque the nut at the clip position 1417 to 36 to 45 lbfin (4 to 5 Nm).
- (9) Install 6A6206, tube 127 No.4 bearing oil scavenge tube (79-22-49, 04-100), Figure 42 sheet 2 and Figure 53 sheet 3.
- (a) Install the tube 127 to the bifurcation panel with the two bolts and the two nuts (79-22-49, 04-106 and 04-102).
- (b) At the CP1407, install clip AS62424 on 6A6206 (tube 127, No.4 bearing scavenge oil tube, 79-22-49, 04-100) install the bracket 6A8234 with the bolt 4W0104, washer K8831 and nut 4W0001, Figure 64 sheet 9.
- (c) At the CP1411, install clip AS62424 on the 6A6206 (tube 127, No.4 bearing scavenge oil tube) and install the tube to the bracket 6A8173 with the bolt 4W0104, washer K8831 and nut 4W0001, Figure 64 sheet 11.
- (d) At the CP1412, install clip AS62424 on the 6A6206 (tube 127, No.4 bearing scavenge oil tube) and install the tube to the bracket 6A8166 with the bolt 4W0103, washer K8831 and nut 4W0001, Figure 64 sheet 12.
- (e) At the CP1453, install the clip AS62416 on 6A6206 (tube 127, No.4 bearing oil scavenge tube), to the bracket 5A1884 with the bolt 4W0104 and washer K8831 and nut 4W0001, Figure 64 sheet 38.
- (f) At the CP1408, install clip AS61908 on the general services harness (71-51-43, 01-005) and install the harness to the tube (lug) 6A6206 (tube 127, No.4 bearing scavenge oil tube) with the bolt 4W0103, washer SP154D and nut 4W0001, Figure 64 sheet 10.
- (g) At the CP1410, install clip 400SS8 on the firerail and install the firerail to the tube (lug) 6A6206 (tube 127, No.4 bearing scavenge oil tube) with the bolt 4W0103, washer K8831 and nut 4W0001 (EBU 3, Ref : 71-0273).
- (h) Torque the nuts at the clip positions to 36 to 45 lbfin (4 to 5 Nm).
- (i) Torque the nuts which attach the tube 127 to the bifurcation panel to 85 to 105 lbfin (10 to 12 Nm).
- (10) Install 740-5793-513, tube 204, scavenge oil tube (79-22-49, 12-100), Figure 53 sheet 3.
- (a) Connect the tube 205 (79-22-49, 12-500) to the tube 204.
- (b) Connect the tube 204 to the tube 127.
- (c) At the CP1406, install clip 400WSS4 on 740-5793-513 (tube 204, scavenge oil tube, 79-21-49, 12-100) and install the tube to the tube (lug) 6A6206 (tube 127, No.4 bearing oil scavenge tube) with the bolt AS21408, washer SP154D and nut AS20624, Figure 64 sheet 9.



- (d) At the CP1430, install the clip AS62412 on 6A6176 (tube 113, oil feed tube) and attach the clip to 740-5793-513 tube (lug) (tube 204, scavenge oil tube, 79-21-49, 04-100) with the bolt 4W0103, washer K8831 and nut 4W0001, Figure 64 sheet 26.
- (e) Torque the tube 205 nut to 135 to 145 lbfin (15,26 to 16,39 Nm).
- (f) Torque the tube 204 nut to 159 to 177 lbfin (18 to 20 Nm).
- (g) Safety both tube nuts with Comat 02-126 Lockwire.
- (h) Torque the nuts at the clip positions 36 to 45 lbfin (4 to 5 Nm).
- (11) Install 6A6205 and 6A6207, tube 126 and tube 193, No.4 bearing oil scavenge tubes (79-22-49, 04-500 and 05-100), Figure 53 sheet 3.
 - (a) Connect the 6A6205, tube 126 to the No.4 bearing scavenge valve.
 - (b) Connect the 6A6206, tube 127 nut to the tube 126. Tighten the nut with IAE 1R18003 wrench.
 - (c) Connect 6A6207, tube 193 to the No.4 bearing oil pressure transducer (79-33-16, 01-100) and to the tube 127 tee adapter.
 - (d) At the CP1425, install the clip AS62404 on 6A6207, tube 193, No.4 bearing oil scavenge tube, to the tube (lug) 6A6231 (on the raceway) with the bolt 4W0103, one washer K8831 and the nut 4W0001, Figure 64 sheet 21 and 22.
 - (e) Torque the tube 126 tube nut at the scavenge valve to 566 to 611 lbfin (64 to 69Nm) with the IAE 1R18003 wrench.
 - (f) Torque the tube 127 tube nut connecting to tube 126 to 566 to 611 lbfin (64 to 69Nm) with the IAE 1R18003 wrench.
 - (g) Torque the tube 193 tube nut connecting tube 193 to the pressure transducer and to the tube 127 tee adapter to 159 to 177 lbfin (18 to 20Nm).
 - (h) Torque the nut at the clip position 1425 to 36 to 45 lbfin (4 to 5 Nm).
 - (i) Safety the four tube nuts with CoMat 02-126 Lockwire.
- (12) Install 6A6204, tube 188, ACOC fuel tube (73-11-49, 22-500), Figure 55 sheet 5.
 - (a) Connect the existing tube 189 (73-11-49, 23-100) to 6A6204, tube 188.
 - (b) Connect the existing tube 187 (73-11-49, 22-100) to 6A6204, tube 188.



- (c) At the CP1439, install the clip AS62404 on 6A6204 (tube 188, ACOC fuel tube, 73-11-49, 22-500), the clip AS62405 on 6A6228 (tube 143, No.4 bearing cooling air tube, 75-22-49, 06-100), to the bracket 6A68234 with the bolt 4W0114, one washer K8831, spacer UP10480 and nut 4W0001, Figure 64 sheet 30.
 - (d) Torque the tube 187 and 189 nuts (connecting to tube 188) to 159 to 177 lbfin (18 to 20 Nm).
 - (e) Safety the tube nuts with CoMat 02-126 lockwire.
 - (f) Torque the nut at the clip position 1439 to 36 to 45 lbfin (4 to 5 Nm).
- (13) Install 6A6232, tube 192, ACOC fuel tube (73-11-49, 24-500), Figure 55 sheet 5.
- (a) Connect 6A6232, tube 192 to the existing tube 106 (73-11-49, 20-100) and the existing tube 190 (73-11-49, 23-500).
 - (b) At the CP1443, install the clip AS62404 on 6A6232, tube 192, ACOC fuel tube (73-11-49, 24-500) to the lug (tube) 6A6208, tube 124, No.5 bearing oil scavenge tube (79-22-49, 02-100) with the bolt 4W0103, washer K8831 and nut 4W0001, Figure 64 sheet 32.
 - (c) Torque both tube 192 nuts to 159 to 177 lbfin (18 to 20 Nm). Safety the tube nuts with CoMat 02-126 lockwire.
 - (d) Torque the nut at the clip position 1443 to 36 to 45 lbfin (4 to 5 Nm).
- (14) Install 6A6233 half raceway (71-51-50, 01-500), Figure 61 sheet 2.
- (a) Install the 6A6233 raceway at the CP1429. Install the clip AS62412 on 6A6208, tube 124, No.5 bearing oil scavenge tube, the clip AS62408 on 6A6215, tube 168, HP bleed air tube (75-32-49, 01-500) to the tube (lug) 6A6233 (on the raceway) with the bolt 4W0107, washer K8831, spacer UP10478 and the nut 4W0001, Figure 64 sheet 24 and 25.
 - (b) Attach the raceway to the bracket (79-21-42, 01-070) with the bolt and the clipnut at the existing clip position 0533.
 - (c) Torque the nut at the clip position 1429 and the bolt at the clip position 0533 to 36 to 45 lbfin (4 to 5 Nm).
- (15) Install 6A6221, tube 145, HP 7 bleed air tube (75-32-49, 08-500), Figure 71 sheet 1 and 2 and Figure 57 sheet 2.
- (a) Install the tube 145 to the bifurcation panel with the two bolts and the two nuts (75-32-49, 08-514 and 08-510).



- (b) At the CP1440, install the clip AS62404 on 6A6204, tube 188, ACOC fuel tube, to the lug (tube) 6A6221, tube 145, HP7 bleed air tube (75-32-49, 08-500) with the bolt 4W0102, washer K8831 and nut 4W0001, Figure 64 sheet 31.
 - (c) Torque the nuts to 85 to 105 lbfin (10 to 12 Nm).
 - (d) Torque the nut at the clip position 1440 to 36 to 45 lbfin (4 to 5 Nm).
- (16) Install 6A6216, tube 155, HP 7 bleed air tube (75-32-49, 11-500), Figure 57 sheet 2.
- (a) Connect the tube 154 (75-32-49, 11-100) to 6A6216.
 - (b) Torque the tube 154 nut to 155 to 159 to 177 lbfin (18 to 20 Nm). Safety the tube nut with CoMat 02-126 lockwire.
 - (c) At the CP1444, install the clip AS62404 on 6A6232, tube 192, ACOC fuel tube, the clip AS62404 on 6A6216, tube 155, HP7 bleed air tube (75-32-49, 11-500) to the bracket 6A8234 with the bolt 4W0111, spacer UP10479, one washer K8831 and nut 4W0001, Figure 64 sheet 33.
 - (d) Torque the nut at the clip position 1444 to 36 to 45 lbfin (4 to 5 Nm).
- (17) Install 6A6218, tube 160, HP 7 bleed air tube (75-32-49, 10-100), Figure 57 sheet 2.
- (a) Connect the tube 197 (75-32-49, 09-500) to 6A6218, tube 160.
 - (b) Install the bolt, the washer, the spacer, the clipnut and the clip at the existing clip position 0589 to attach 6A6218, tube 160 (75-32-49, 10-100) to the bracket (79-21-42, 01-350).
 - (c) Torque the tube 197 nut to 159 to 177 lbfin (18 to 20 Nm). Safety the tube nut with CoMat 02-126 lockwire.
 - (d) Torque the bolt at the clip position 0589 to 36 to 45 lbfin (4 to 5 Nm).
- (18) Install 6A6225, tube 236, IP/HP cabin air tube (36-11-47, 02-100), Figure 54 sheet 2.
- (a) Connect the 6A6225, tube 236 (36-11-47, 02-100) to tube 151.
 - (b) At the CP0581, install the clip 400WSS4 on 6A6225, tube 236, HP/IP cabin air tube, the clip 400WSS4 on 6A6216, tube 155, HP 7 bleed air tube and the clip 400WSS4 to 6A6218, tube 160, HP 7 bleed air tube and install them to the LP compressor/intermediate case with the bolt 4W0118, washer K8831 and spacer UP10481, Figure 64 sheet 4.



- (c) At the CP1432, install the clip AS62404 on 6A6225 (tube 236, IP/HP cabin air tube), the clip AS62404 on 6A6218 (tube 160, HP 7 bleed air tube), to the tube (lug) 6A6206 (tube 127, No.4 bearing oil scavenge) with the bolt 4W0107, washer K8831, spacer UP10478 and nut 4W0001, Figure 64 sheet 27.
 - (d) Torque the tube 236 tube nut to 236 to 204 to 221 lbfin (23 to 25 Nm). Safety the tube nut with CoMat 02-126 lockwire.
 - (e) Torque the bolt and nut at the clip positions 0581 and 1432 to 36 to 45 lbfin (4 to 5 Nm).
- (19) Install 6A6222, tube 165, HP 10 bleed air tube (75-32-49, 04-100), Figure 57 sheet 2.
- (a) Connect the existing tube 164 (75-32-49, 03-500) to 6A6222, tube 165.
 - (b) At the CP1409, install the clip AS62404 on 6A6222 (tube 165, HP 10 bleed air tube), the clip AS62404 to 6A6218 (tube 160, HP 7 bleed air tube), the clip AS62404 on 6A6225 (tube 236, HP/IP cabin air tube), clip AS62404 to 6A6216 (tube 155, HP 7 bleed air tube) and install them to the tube (lug) 6A6206 (tube 127, No.4 bearing scavenge oil tube) with the bolt 4W0115, two washers K8831, spacer UP10480 and nut 4W0001, Figure 64 sheet 10.
 - (c) Torque the tube 164 nut to 164 to 159 to 177 lbfin (18 to 20 Nm). Safety the tube nut with CoMat 02-126 lockwire.
 - (d) Torque the nut at the clip position 1409 to 36 to 45 lbfin (4 to 5 Nm).
- (20) Install 6A6220, tube 144, HP 7 bleed air tube (75-32-49, 08-100), Figure 57 sheet 2.
- (a) Connect 6A6220, tube 144 to tube 196 (75-32-49, 07-500) and tube 145 (75-32-49, 08-500).
 - (b) At the CP1434, install the clip AS62404 on 6A6220 (tube 144, HP7 bleed air tube), to the tube (lug) 6A6215 (tube 168, HP bleed air tube) with the bolt 4W0102, washer K8831 and nut 4W0001, Figure 64 sheet 28.
 - (c) Torque tube 144 nut to 159 to 177 lbfin (18 to 20 Nm). Safety the tube nut with CoMat 02-126 lockwire.
 - (d) Torque the nut at the clip position 1434 to 36 to 45 lbfin (4 to 5 Nm).
- (21) Install 6A6212 (tube 137, Pb air tube, 73-22-49, 06-500), Figure 56 sheet 2.
- (a) Connect the tube 135 (73-22-49, 07-100) to 6A6212, tube 137.



- (b) Install the bolt, washer, clips, spacer and clip nut at the existing clip position 0587 to attach tube 137 and tube 165 (75-32-49, 04-100) to the bracket (79-21-42, 01-350).
 - (c) Temporarily support tube 137 at CP 1423. At the CP1423, install the clip AS62404 on 6A6212 (tube 137, Pb air tube), the clip 400WSS8 (firerail) with the bolt 4W0105, bracket 6A8234, two washers K8831, and nut 4W0001 (EBU 3), Figure 64 sheet 20.
 - (d) Torque the tube 135 nut to 159 to 177 lbfin (18 to 20 Nm). Safety the tube nut with CoMat 02-126 lockwire.
 - (e) Torque the bolt and nut at the clip positions 0587 and 1423 to 36 to 45 lbfin (4 to 5 Nm).
- (22) Install 6A6210, tube 158, P4.9 air tube (73-22-49, 03-100), Figure 56 sheet 2.
- (a) Connect 6A6210, tube 158 (73-22-49, 03-100) to tube 159.
 - (b) Install the bolt, washer, clips, spacer and clip nut at the existing clip position 0588 to attach 6A6210, tube 158 and tube 144 (75-32-49, 08-100) to the bracket (79-21-42, 01-350).
 - (c) Install the bolt, washer, clips, spacer at the existing clip position 0584 to attach tubes 158, 165, 144, 137 to the LP compressor/intermediate case.
 - (d) Install the bolt, washer, clips, spacer at the existing clip position 0586 to attach tubes 158, 165, 144, 137 to the LP compressor/intermediate case.
 - (e) At the CP1422, install the clip AS62404 on 6A6212 (tube 137, Pb air tube), to the tube (lug) 6A6210 (tube 158, P4.9 air tube) with the bolt 4W0102, one washer K8831 and the nut 4W0001, Figure 64 sheet 20.
 - (f) At the CP1441, install the clip AS62404 on 6A6210 (tube 158, p4.9 air tube), to the lug (tube) 6A6222 (tube 165, HP10 bleed air tube) with the bolt 4W0102, washer K8831 and nut 4W0001, Figure 64 sheet 31.
 - (g) Torque the tube 158 nut to 159 to 177 lbfin (18 to 20 Nm). Safety the tube nut with CoMat 02-126 lockwire.
 - (h) Torque the bolts and nuts at the clip positions 0588, 0584, 0586, 1422 and 1441 to 36 to 45 lbfin (4 to 5 Nm).
- (23) Install 6A6214, tube 242 (73-22-49, 10-500) and 6A6227 (Pre SBE 75-0081), tube 163 (75-23-48, 02-100), Figure 56 sheet 2 and Figure 58.
- (a) Connect the tube 241 to 6A6214, tube 242.



- (b) Temporarily support tube 242. Attach 6A6214, tube 242 to 6A6233, raceway at clip position 1428. Refer to tube 163 installation which follows for CP1428 attaching parts.
- (c) Pre SBE 75-0081: Connect 6A6227, tube 163 to tube 195.
- (d) Pre SBE 75-0081: At the CP1424, install the clip AS62404 on 6A6214 (tube 242, P2.5 air tube), the clip AS62408 on 6A6233, the clip AS62404 on 6A6227 (tube 163, turbine cooling air tube) on to bracket 6A8234 with the bolt 4W0118, two washers K8831, spacer UP10481 and the nut 4W0001, Figure 64 sheet 22.
- (e) SBE 75-0081: At the CP1424, install the clip AS62404 on 6A6214 (tube 242, P2.5 air tube), the clip AS62408 on 6A6233 on to bracket 6A8234 with the bolt 4W0117, one washer K8831, spacer UP10481 and the nut 4W0001, Figure 64 sheet 21.
- (f) Pre SBE 75-0081: At the CP1428, install the clip AS62404 on 6A6227 (tube 163, turbine cooling air tube), the clip AS62404 on 6A6210 (tube 158, P4.9 air tube), the clip AS62404 on 6A6214 (tube 242, P2.5 air tube), to the tube (lug) 6A6233 (on raceway) with the bolt 4W0113, washer K8831, spacer UP10480 and nut 4W0001, Figure 64 sheet 25.
- (g) SBE 75-0081: At the CP1428, install the clip AS62404 on 6A6210 (tube 158, P4.9 air tube), the clip AS62404 on 6A6214 (tube 242, P2.5 air tube), to the tube (lug) 6A6233 (on raceway) with the bolt 4W0103, washer K8831 and nut 4W0001, Figure 64 sheet 24.
- (h) Install the bolts, washers, clips and spacers at the existing clip positions 0585 and 0581 to attach the tubes 163, 155 and 160 to the LP compressor intermediate case.
- (i) Pre SBE 75-0081: At the CP0583, install the clip 400WSS4 on 6A6227 (tube 163, turbine cooling air tube), the clip 400WSS4 on 6A6225 (tube 236, HP/IP cabin air tube), clip 400WSS4 to 6A6216 (tube 155, HP 7 bleed air tube), clip 400WSS4 to 6A6218 (tube 160, HP 7 bleed air tube) and install them to the LP compressor/intermediate case with the bolt 4W0119, washer K8831 and spacer UP10481, Figure 64 sheet 6.
- (j) Pre SBE 75-0081: At the CP0582, install the clip 400WSS4 on 6A6227 (tube 163, turbine cooling air tube), the clip 400WSS4 on 6A6214 (tube 242, P2.5 air tube), the clip 400WSS4 to 6A6222 (tube 165, HP 10 bleed air tube), clip 400WSS4 to 6A6210 (tube 158, P4.9 air tube), clip 400WSS4 to 6A6220 (tube 144, HP 7 bleed air tube) and the clip 400WSS4 to 6A6212 (tube 137, Pb air tube) and install them to the LP compressor/intermediate case with the bolt 4W0127, washer K8831, spacer UP10479 and spacer UP10481, Figure 64 sheet 5.
- (k) Torque the tube 241 and 163 nuts to 159 to 177 lbfin (18 to 20 Nm). Safety the tube nuts with CoMat 02-126 lockwire.



- (l) Torque the bolts and the nuts at the clip positions 1428, 1424, 0585, 0581, 0583, 0582 to 36 to 45 lbfin (4 to 5 Nm).
- (24) Pre SBE 75-0081: Install 6A6226, tube 162 (75-23-48, 02-500), Figure 42 sheet 2 and Figure 58.
- (a) Pre SBE 75-0081: Install 6A6226, tube 162 to the bifurcation panel with two bolts and two nuts (75-23-48, 02-514 and 02-510).
- (b) Pre SBE 75-0081: Connect the 6A6226, tube 162 to 6A6227, tube 163.
- (c) Pre SBE 75-0081: At the CP1445, install the clip AS62412 on 5R8123 (tube 93, HP fuel servo tube, 73-11-49, 10-500), to the lug (tube) 6A6226 (tube 162, turbine cooling air tube, 75-23-48, 02-500) with the bolt 4W0103, washer K8831 and nut 4W0001, Figure 64 sheet 33.
- (d) Pre SBE 75-0081: Torque the nuts at the bifurcation panel to 85 to 105 lbfin (10 to 12 Nm).
- (e) Pre SBE 75-0081: Torque the tube 162 nut to 159 to 177 lbfin (18 to 20 Nm). Safety the tube nut with CoMat 02-126 lockwire.
- (f) Pre SBE 75-0081: Torque the nut at the clip position 1445 to 36 to 45 lbfin (4 to 5 Nm).
- (25) SBE 75-0081: Install cover, 2 bolts and 2 nuts in position shown for 6A6226. Figure 49 sheet 2.
- (26) Install 6A6217, tube 156 (75-32-49, 12-100), Figure 71 sheet 1 and 2 and Figure 57 sheet 2.
- (a) Install 6A6217, tube 156 to the bifurcation panel with two bolts and two nuts (75-32-49, 12-114 and 12-110).
- (b) Connect 6A6216, tube 155 to 6A6217, tube 156.
- (c) At the CP1433, install the clip AS62404 on 6A6221 (tube 145, HP7 bleed air tube), the clip AS62404 on 6A6232 (tube 192, ACOC fuel tube), the clip AS62404 on 6A6217 (tube 156, HP7 bleed air tube), the clip AS62405 on 6A6228 (tube 143, No.4 bearing cooling air tube), the clip AS62404 on 6A6204 (tube 188, ACOC fuel tube), to the tube (lug) 6A6215 (tube 168, HP bleed air tube) with the bolt 4W0128, two washers K8831, spacer UP10480, spacer UP10481 and nut 4W0001, Figure 64 sheet 27.
- (d) At the CP1436, install the clip AS62404 on 6A6217 (tube 156, HP7 bleed air tube), to the tube (lug) 6A6228 (tube 143, No.4 brg cooling air tube) with the bolt 4W0102, washer K8831 and nut 4W0001, Figure 64 sheet 29.



- (e) At the CP1437, install the clip 400WSS8 on the firerail clip, the clip AS62404 on 6A6204 (tube 188, ACOC fuel tube), the clip AS62404 on 6A6217 (tube 156, HP7 bleed air tube), to the tube (lug) 6A6228 (tube 143, No.4 bearing cooling air tube) with the bolt 4W0114, two washers K8831, spacer UP10480 and nut 4W0001 (EBU 3), Figure 64 sheet 29.
 - (f) At the CP1438, install the clip AS62404 on 6A6204 (tube 188, ACOC fuel tube), the clip AS62404 on 6A6217 (tube 156, HP7 bleed air tube), the clip AS62404 on 6A6221 (tube 145, HP7 bleed air tube), to the tube (lug) 6A6228 (tube 143, No.4 brg cooling air tube) with the bolt 4W0114, two washers K8831, spacer UP10480 and nut 4W0001, Figure 64 sheet 30.
 - (g) Install the bolt, washers, clips and nut at the existing clip position 1088 to attach the EEC harness to the tube 156 (75-32-49, 12-100).
 - (h) Torque the nuts at the bifurcation panel to 85 to 105 lbfin (10 to 12 Nm).
 - (i) Torque the tube 155 nut to 159 to 177 lbfin (18 to 20 Nm). Safety the tube nut with CoMat 02-126 lockwire.
 - (j) Torque the nuts at the clip positions 1433, 1436, 1437, 1438, 1421, and 1088 to 36 to 45 lbfin (4 to 5 Nm).
- (27) Install 6A6211, tube 138 (73-22-49, 06-100), Figure 70 sheet 1, Figure 70 sheet 2 and Figure 56 sheet 2.
- (a) Install 6A6211, tube 138 to the bifurcation panel with two bolts and two nuts (73-22-49, 06-106 and 06-102).
 - (b) Connect 6A6212, tube 137 to 6A6211, tube 138.
 - (c) Torque the nuts at the bifurcation panel to 85 to 105 lbfin (10 to 12 Nm).
 - (d) Torque the tube 137 nut to 159 to 177 lbfin (18 to 20 Nm). Safety the tube nut with CoMat 02-126 lockwire.
- (28) Install 6A6224, tube 153 (36-11-47, 01-500), Figure 70 sheet 1, Figure 70 sheet 2 and Figure 54 sheet 2.
- (a) Install 6A6224, tube 153 to the bifurcation panel with two bolts and two nuts (36-11-47, 01-506 and 01-502).
 - (b) Connect 6A6225, tube 236 to 6A6224, tube 153.
 - (c) Torque the nuts at the bifurcation panel to 85 to 105 lbfin (10 to 12 Nm).



- (d) Torque the tube 236 nut to 159 to 177 lbfin (18 to 20 Nm). Safety the tube nut with CoMat 02-126 lockwire.
- (29) Install 6A6219, tube 161 (75-32-49, 10-500), Figure 70 sheet 1, Figure 70 sheet 2 and Figure 57 sheet 2.
- (a) Install 6A6219, tube 161 to the bifurcation panel with two bolts and two nuts (75-32-49, 10-514 and 10-510).
- (b) Connect 6A6219, tube 161 to 6A6218, tube 160.
- (c) At the CP1431, install the clip AS62404 on 6A6224 (tube 153, IP/HP cabin air tube), the clip AS62404 on 6A6219 (tube 161, HP 7 bleed air tube), to the tube (lug) 6A6206 (tube 127, No.4 bearing oil scavenge) with the bolt 4W0104, washer K8831 and nut 4W0001, Figure 64 sheet 26.
- (d) Torque the nuts at the bifurcation panel to 85 to 105 lbfin (10 to 12 Nm).
- (e) Torque the tube 161 nut to 159 to 177 lbfin (18 to 20 Nm). Safety the tube nut with CoMat 02-126 lockwire.
- (f) Torque the nut at the clip positions 1431 to 36 to 45 lbfin (4 to 5 Nm).
- (30) Install 6A6223, tube 166 (75-32-49, 04-500), Figure 71 sheet 1 and 2 and Figure 57 sheet 2.
- (a) Install 6A6223, tube 166 to the bifurcation panel with two bolts and two nuts (75-32-49, 04-514 and 04-510).
- (b) Connect 6A6223, tube 166 to 6A6222, tube 165.
- (c) At the CP1418, install the clip AS62404 on 6A6224 (tube 153, HP/IP cabin air tube), clip AS62404 on 6A6211 (tube 138, Pb air tube), clip AS62404 on 6A6219 (tube 161, turbine cooling air tube), clip AS62404 on 6A6223 (tube 166, HP 10 bleed air tube) and install them to the tube (lug) 6A6215 (tube 168, HP bleed air tube) with the bolt 4W0114, washer K8831, spacer UP10480 and nut 4W0001, Figure 64 sheet 18.
- (d) At the CP1420, install the clip AS62412 on the existing tube 177, oil feed tube (79-21-49, 04-500), the clip AS62404 to 6A6211 (tube 138, Pb air tube), the clip AS62404 on 6A6219 (tube 161, HP 7 bleed air tube), clip AS62404 to 6A6223 (tube 166, HP 10 bleed air tube) and install them to the tube (lug) 6A6224 (tube 153, IP/HP cabin air tube) with the bolt 4W0115, two washers K8831, spacer UP10480 and nut 4W0001, Figure 64 sheet 19.
- (e) Torque the nuts at the bifurcation panel to 85 to 105 lbfin (10 to 12 Nm).



- (f) Torque the tube 166 nut to 159 to 177 lbfin (18 to 20 Nm). Safety the tube nut with CoMat 02-126 lockwire.
- (g) Torque the nuts at the clip positions 1418 and 1420 to 36 to 45 lbfin (4 to 5 Nm).
- (31) Install 6A6209, tube 157 (73-22-49, 02-500), Figure 42 sheet 2 and Figure 56 sheet 2.
 - (a) Install 6A6209, tube 157 to the bifurcation panel with two bolts and two nuts (73-22-49, 02-506 and 02-502).
 - (b) Connect 6A6209, tube 157 to 6A6210, tube 158.
 - (c) Pre SBE 75-0081: At the CP1415, install the clip AS62404 on 6A6209 (tube 157, P4.9 air tube), clip AS62404 on 6A6232 (tube 192, ACOC fuel tube), the clip AS62404 to 6A6226 (tube 162, turbine cooling air tube) and install them to the to the tube (lug) 6A6208 (tube 124, No.5 bearing scavenge oil tube) with the bolt 4W0117, washer K8831, spacer UP10481 and nut 4W0001, Figure 64 sheet 14.
 - (d) SBE 75-0081: At the CP1415, install the clip AS62404 on 6A6209 (tube 157, P4.9 air tube), clip AS62404 on 6A6232 (tube 192, ACOC fuel tube) and install them to the to the tube (lug) 6A6208 (tube 124, No.5 bearing scavenge oil tube) with the bolt 4W0116, washer K8831, spacer UP10481 and nut 4W0001, Figure 64 sheet 13.
 - (e) Pre SBE 75-0081: At the CP1416, install the clip AS62404 on 6A6209 (tube 157, P4.9 air tube), clip AS62404 on 6A6232 (tube 192, ACOC fuel tube), the clip AS62404 to 6A6226 (tube 162, turbine cooling air tube) and install them to the to the tube (lug) 6A6208 (tube 124, No.5 bearing scavenge oil tube) with the bolt 4W0120, two washers K8831, spacer UP10482 and nut 4W0001, Figure 64 sheet 16.
 - (f) SBE 75-0081: At the CP1416, install the clip AS62404 on 6A6209 (tube 157, P4.9 air tube), clip AS62404 on 6A6232 (tube 192, ACOC fuel tube) and install them to the to the tube (lug) 6A6208 (tube 124, No.5 bearing scavenge oil tube) with the bolt 4W0120, two washers K8831, spacer UP10482 and nut 4W0001, Figure 64 sheet 15.
 - (g) At the CP1427, install the clip AS62404 on 6A6209 (tube 157, P4.9 air tube), install on to raceway (lug) 6A6233 with the bolt 4W0102, one washer K8831 and nut 4W0001, Figure 64 sheet 23.
 - (h) Pre SBE 75-0081: At the CP1446, install the clip AS62404 on 6A6209 (tube 157, p4.9 air tube), to the lug (tube) 6A6226 (tube 162, turbine cooling air tube) with the bolt 4W0102, washer K8831 and nut 4W0001, Figure 64 sheet 34.
 - (i) Torque the nuts at the bifurcation panel to 85 to 105 lbfin (10 to 12 Nm).



- (j) Torque the tube 157 nut to 159 to 177 lbfin (18 to 20 Nm). Safety the tube nut with CoMat 02-126 lockwire.
 - (k) Torque the nuts at the clip positions 1415, 1416, 1427, 1446 to 36 to 45 lbfin (4 to 5 Nm).
- (32) Install 6A6213, tube 243 (73-22-49, 10-100), Figure 42 sheet 2 and Figure 56 sheet 2.
- (a) Install 6A6213, tube 243 to the bifurcation panel with two bolts and two nuts (73-22-49, 10-106 and 10-102).
 - (b) Connect 6A6214, tube 242 to 6A6213, tube 243.
 - (c) At the CP1413, install the clip AS62404 on 6A6213 (tube 243, P2.5 air tube), clip AS62404 on 6A6221 (tube 145, HP 7 bleed air tube), the clip AS62404 to 6A6209 (tube 157, HP 4.9 air tube) and install them to the to the tube (lug) 6A6208 (tube 124, No.5 bearing scavenge oil tube) with the bolt 4W0108, two washers K8831, spacer UP10478 and nut 4W0001, Figure 64 sheet 12.
 - (d) At the CP1419, install the clip AS62404 on 6A6217 (tube 156, HP 7 bleed air tube), the clip AS62405 to 6A6228 (tube 143, No.4 bearing cooling air tube), the clip AS62404 on 6A6213 (tube 243, P2.5 air tube), clip AS62404 to 6A6221 (tube 145, HP 7 bleed air tube) and install them to the to the tube (lug) 6A6215 (tube 168, HP bleed air tube) with the bolt 4W0114, two washers K8831, spacer UP10480 and nut 4W0001, Figure 64 sheet 18.
 - (e) At the CP1426, install the clip AS62404 on 6A6213 (tube 243, P2.5 air tube), the clip AS62404 on 6A6209 (tube 157, P4.9 air tube), install clip AS62404 on 6A6211 (tube 138, Pb tube), to the raceway (lug) 6A6233 with the bolt 4W0111, two washers K8831, spacer UP10479 and nut 4W0001, Figure 64 sheet 23.
 - (f) Torque the nuts at the bifurcation panel to 85 to 105 lbfin (10 to 12 Nm).
 - (g) Torque the tube 242 nut to 159 to 177 lbfin (18 to 20 Nm). Safety the tube nut with CoMat 02-126 lockwire.
 - (h) Torque the nuts at the clip positions to 36 to 45 lbfin (4 to 5 Nm).
- (33) Install 740-5688-513 (tube 216, drain tube 71-71-48, 03-400) and tube 217, drain tube (71-71-48, 03-700) (EBU 3), Figure 68 sheet 5.
- (a) Loosely connect the core drain collector plate assembly tube nut to the tube 217 and tighten by hand.
 - (b) Connect the tube 217, drain tube (71-71-48, 03-700) to 740-5688-513, tube 216 and tighten by hand.



- (c) Install 740-5688-513 (tube 216, drain tube 71-71-48, 03-400) to the bifurcation panel with two bolts and two nuts (71-71-48, 03-410 and 03-415).
 - (d) Install the existing clip position 0937 (EBU 3) to attach tube 217 to the tube 187 (73-11-49, 22-100).
 - (e) At the CP1454, install the clip AS62404 on 6A6219 (tube 161, HP7 bleed air tube), to the tube (lug) on 740-5688-513, (tube 216 drain tube, 71-71-48, 03-400) with the bolt 4W0102, washer K8831 and nut 4W0001 (EBU 3), Figure 64 sheet 39.
 - (f) At the CP1455, install the clip 400WSS4 on 740-5688-513 (tube 216, drain tube 71-71-48, 03-400) to the tube (lug) 6A6237 (on the raceway) with the bolt AS21408, washer SP154D and nut 4W0001, Figure 64 sheet 39, (EBU 3).
 - (g) Torque the tube 217 tube nut and collector plate tube nut to 110 to 125 lbfin (12 to 14 Nm). Safety the tube nuts with CoMat 02-126 lockwire.
 - (h) Torque the nuts at the clip positions to 36 to 45 lbfin (4 to 5 Nm).
- (34) Install the EEC harness and the ignition supply harness at the remaining clip positions, Figure 62 and Figure 63.
- NOTE:** The routing and installation of the EEC harness and the ignition supply harness at the bifurcation panel is completed during the core installation.
- (a) Do step (34) with this step to install the split sleeves at these clip positions 1447, 1448, 1449 and 1450, Figure 64 sheets 35, 36 and 37.
 - (b) Install the bolt, washer, clips, spacer and clipnut at the existing datum clip position 1022 to attach the EEC harness and the ignition supply harness to the bracket (79-21-42, 01-088).
 - (c) Install the bolt, washer, clip and clipnut to attach the EEC harness and the ignition supply harness to the bracket (79-21-42, 01-088) at the existing clip position 1023.
 - (d) Install the bolt, two washers, two clips and nut which attach the EEC harness, the ignition supply harness and the IDG harness to the bracket (79-21-42, 01-235) at the existing clip position 0887 (EBU 3).
 - (e) Install the bolt, washer, clip and nut which attach the EEC harness and the ignition supply harness to 6A6233 raceway (lug) (71-51-50, 01-100) at the existing clip position 0534.



- (f) Install the bolt, washer, clip and nut at the existing datum clip position 0256 to attach the EEC and the ignition supply harness to the tube 113 (79-21-49, 04-100).
- (g) Install the clip position 1462, Figure 64 sheet 43.
- (i) Clean the attaching parts at the clip position 1462. Remove the grease, the fingerprints and the unwanted material from the mating surfaces of the raceway 6A6237 (71-51-50, 01-100) bonding lug and the fuel flow transmitter bonding lead, refer to the SPP TASK 70-11-26-300-503 for the procedure to swab clean components.
 - (ii) Clean the contact (washer) surfaces of the bolt, the nut and the two washers at clip position 1462.
 - (iii) At the CP1462, install the clip AS61915 (71-51-41, 02-878) to the fan EEC harness and ignition supply harness and attach the harnesses to the raceway (lug) 6A6237 with the bolt 4W0107 (71-51-41, 01-875), two washers 4W2621 (71-51-41, 02-876), the fuel flow transmitter bonding lead, the washer 4W2621 (71-51-41, 02-876) and nut 4W0001 (71-51-41, 02-882), Figure 64 sheet 43.
- (h) At the CP0252, install the clip AS61915 on the EEC harness and the ignition supply harness and the clip 400WSS4 on the tube 740-5261 (tube 226, fuel diverter drain tube, 71-71-48, 02-100) install them to the raceway (lug) 6A6237 with the bolt 4W0114, two washers K8831, spacer UP10480 and nut 4W0001, Figure 64 sheet 1.
- (i) At the CP0927, install clip AS61915 on the EEC harness and the ignition supply harness, clip AS62404 on 740-5793-513 (tube 204, scavenge oil tube), clip AS62408 on raceway 6A6237 and install them to the tube (lug) 740-5261 (tube 226, fuel diverter drain tube) with the bolt 4W0117, washer K8831, spacer UP10481 and nut 4W0001, Figure 64 sheet 7 and sheet 8.
- (j) At the CP1459, install the clip AS61915 (fan EEC harness and ignition supply harness), to the raceway (lug) 6A6237 with the bolt 4W0103, washer K8831 and nut 4W0001, Figure 64 sheet 41.
- (k) At the CP1458, install the clip AS61915 (fan EEC harness and ignition supply harness), to the raceway (lug) 6A6237 with the bolt 4W0103, washer K8831 and nut 4W0001, Figure 64 sheet 41.
- (l) At the CP1456, install the clip AS61915 (fan EEC harness and ignition supply harness), to the raceway (lug) 6A6237 with the bolt 4W0103, washer K8831 and nut 4W0001, Figure 64 sheet 40.



- (m) At the CP1447, install the clip FEC3002-24B (fan EEC harness and ignition supply harness) on the two 5A9345, split sleeves and attach the harness assembly and split sleeves to the raceway (lug) 6A6233 (71-51-50, 01-500) with the bolt 4W0165, washer 5W1088 and nut 4W0002, Figure 64 sheet 35 and Figure 66 sheet 7.
- (n) At the CP1448, install the clip FEC3002-24B (fan EEC harness and ignition supply harness), on the two 5A9345, split sleeves and attach the harness assembly and split sleeves to the raceway (lug) 6A6233 with the bolt 4W0165, washer 5W1088 and nut 4W0002, Figure 64 sheet 36 and Figure 66 sheet 7.
- (o) At the CP1449, install the clip FEC3002-24B (fan EEC harness and ignition supply harness), on the two 5A9345, split sleeves and attach the harness assembly and split sleeves to the raceway (lug) 6A6233 with the bolt 4W01645, washer 5W1088 and nut 4W0002, Figure 64 sheet 36, Figure 66 sheet 7 and Figure 66 sheet 7.
- (p) At the CP1450, install the clip FEC3002-24B (fan EEC harness and ignition supply harness), on the two 5A9345, split sleeves and attach the harness assembly and split sleeves to the raceway (lug) 6A6233 with the bolt 4W0165, washer 5W1088 and nut 4W0002, Figure 64 sheet 37 and Figure 66 sheet 7.
- (q) At the CP1442, install the clip AS62404 on 6A6223 (tube 166, HP10 bleed air tube), the clip AS62515 (fan EEC harness and ignition supply harness), to the raceway (lug) 6A6233 with the bolt 4W0104, two washers K8831 and nut 4W0001, Figure 64 sheet 32.
- (r) At the CP1451, install the clip AS62515 (fan EEC harness), to the raceway (lug) 6A6233 with the bolt 4W0103, washer K8831 and nut 4W0001, Figure 64 sheet 37.
- (s) At the CP1452, install the clip AS62515 (fan EEC harness and ignition supply harness), to the raceway (lug) 6A6233 with the bolt 4W0103, washer K8831 and nut 4W0001, Figure 64 sheet 38.
- (t) At the CP1414, install clip AS62503 on the ignition supply harness, clip AS62408 on 6A6215 (tube 168, HP bleed air tube) and install the harness to the tube (lug) 6A6208 (tube 124, No.5 bearing scavenge oil tube) with the bolt 4W0103, washer K8831 and nut 4W0001, Figure 64 sheet 13.
- (u) At the CP1421, install the clip AS62404 on 6A6217 (tube 156, HP7 bleed air tube), the clip AS62408 to 6A6215 (tube 168, HP bleed air tube), the clip AS62503 on the ignition harness and install them to the tube (lug) 6A6228 (tube 143, No.4 bearing cooling air tube) with the bolt 4W0107, two washers K8831, spacer UP10478 and nut 4W0001, Figure 64 sheet 19.



- (v) Clean the washer surfaces of attaching parts at the clip position 1463. Remove the grease, the fingerprints and the unwanted material from the mating surfaces of the raceway 6A6237 (71-51-50, 01-100) bonding lug and the bonding strap, refer to TASK 70-11-26-300-503 for the procedure to swab clean components.
 - (w) At the CP1463, attach the existing bonding strap FEB5022 (71-51-50, 01-080) to the raceway 6A6237 (bonding lug) with the bolt 4W0164 (71-51-50, 01-087), washer 4W2622 (71-51-50, 01-088) and nut 4W0002 (71-51-50, 01-085), Figure 64 sheet 43.
- (35) Install 5A9345 split sleeves (71-51-41, 01-514) and the bonded clips at the clip positions 1447, 1448, 1449 and 1450, Figure 64 sheets 35 to 37 and Figure 66 sheets 1 to 7.
- (a) Stage 1: Attach the EEC harness and the ignition supply harness (71-51-44, 01-005) together.
 - (i) Step 1: Secure the end of the reinforced silicone rubber tape (71-51-41, 03-964) in the cable wire of the harness.
 - (ii) Wind the tape around the harness bundle and along the length of harness. Use a sufficient length of the tape to reduce the diameter of the harnesses to give the dimensions on Figure 66 sheet 1.
 - (iii) At the start of the wrapping wrap the tape around the harness twice, to give two complete turns. Wind the tape so there is a 50 percent width overlap as it is wrapped around the harness.
 - (b) Step 2 : Build-up the harness diameter to match the inside diameter of the split sleeves.
 - (i) Wrap the 0.750 in. (19 mm) tape (71-51-41, 01-492) around the harness at the raceway lug clip positions 1450, 1449, 1448 and 1447 to give the dimensions on Figure 66 sheet 1.
 - (ii) Lightly clamp the split sleeves around the harness and measure the outside diameter of the split sleeves. The diameter must be between 1.5 in. and 1.505 in. (38,10 to 38,77 mm). This is to allow the bonded clips to be installed.
 - (c) Step 3: Secure the ends of the silicone rubber tape.
 - (i) Wrap the 1.5 in. (38 mm) wide tape (71-51-41, 03-966) twice around the harness at both ends of the silicone rubber tape to hold it securely to give the dimensions on Figure 66 sheet 2.



- (d) Stage 2 : Attach the split sleeves (71-51-41, 01-514 and 01-490) to the harness.
- (i) Do the following procedure to install both the split sleeve assemblies to the harness.
 - (ii) Steps 1 and 2 : Position and attach the lower split sleeve to the harness with lacing tape number 1 (71-51-41, 01-491) as given in Figure 66 sheet 3. Use a length of 31.5 in (800 mm) or longer.
 - (iii) Take one half of the split sleeves and push the lacing tape number 1 and 2 through the slit of the split sleeve, step 1 Figure 66 sheet 3.
 - (iv) Take one end of the lacing tape and turn it around the harness four times. Make sure the lacing is tight and that it does not go out of the sleeve slit, step 2 figure 66 sheet 3.
 - (v) Steps 3 to 8 : Tie and secure the sleeve half to the harness as shown in Figure 66 sheet 4.
 - (vi) Step 9 : Do the procedure in steps 2 to 8 for lacing tape number 2, Figure 66 sheet 5.
 - (vii) Take the other half of the sleeve and install and secure it with lacing tape numbers 3 and 4 as given in the procedure in stage 2, steps 1 through 9.
 - (viii) Position the sleeve so that at least one CAUTION identification label can be read when it is installed, refer to stage 3 for the completed view, Figure 66 sheet 5.
 - (ix) Check the gap between the split sleeves after assembly, the gap must be between zero to 0.1in. (0 to 2,54 mm).
- (e) Clean the fayed surfaces, sleeves and bonded clips.
- (i) Do this operation immediately before the assembly of the clips and sleeves to the raceway.
- (f) Clean the outer surface of the split sleeves (71-51-41, 01-490 and 01-514), the bonded clips (71-51-41, 02-822, 02-814, 02-806 and 02-798) earth fingers, the clip and the raceway lugs. Refer to SPP TASK 70-11-26-300-503 for the procedure to locally swab clean components.



- (g) Stage 3 : Install the bonded clips around the harnesses, refer to Figure 66 sheet 6.
 - (i) Install the bolts, the washers and the nuts at the clip positions 1447, 1448, 1449 and 1450. Refer to paragraph (33).
 - (ii) Install the bonded clips to get the dimensions in Figure 66 sheets 6 and 7.
 - (iii) Torque the four nuts at the clip positions 1447, 1448, 1449 and 1450 to 85 to 105 lbfin (10 to 12 Nm).
- (h) Check the electrical continuity.
 - (i) After the installation of the harness to the raceway at the clip positions 1447 to 1450 to the raceway check the electrical continuity.
 - (ii) Check the continuity between the sleeves and the bonding clips attached to the raceway with an ohmmeter. The electrical resistance between each sleeve and raceway that the clip is attached to must not be more than 15 milliohms.

H. Measure the harness clearances and routing

- (1) Make sure the installation of EEC harness and the Ignition supply harness is complete for the fan and core. This includes the installation of all the clip positions and connection of the all the electrical connectors.
- (2) Measure the clearance between all the different harnesses and the engine parts. The general clearance must be a minimum of 0.250 in. (6,35 mm).
- (3) The clearance at lengths of the harness protected by anti-chafe sleeving such as Spirap is 0.1in. (2,54 mm).
- (4) To check the clearance, push the harness with a light pressure of the thumb then release. The harness must spring back and give the minimum clearance. The harness must not move through the adjacent clips.
- (5) The harness can touch the smooth parts of brackets if the harness is clipped to them. The harness must be held so there is no movement between the harness and the bracket.
- (6) Adjust the harness (if necessary) to get the minimum clearance and torque the clip position nut or bolt to the correct torque value.
- (7) Make sure each wire bundle breakout curves smoothly from the primary harness and is in the direction of the component to which it connects. It must not go across the primary harness.



- (8) If the primary harness, the wire bundle breakout or a different harness touch each other they must be attached to each other with CoMat 02-159 lacing tape. The bundles must not move in relation to each other. Refer to the SPP TASK 70-43-02-400-501.
- (9) Attach the parallel harnesses and those which go across each other together. If it is necessary wrap CoMat 02-148 adhesive tape around the harness to prevent abrasion. Then tie them together with CoMat 02-159 lacing tape.
- (10) Fully torque the Fancase externals.
 - (a) Fully tighten and torque all the nuts which attach the tubes at the bifurcation panel. Refer to each applicable step in this procedure for the specific torque value.
 - (b) Fully tighten and torque all the tube nut end connections. Safety all the tube nuts with lockwire or safety cable as applicable.
 - (c) Fully tighten and torque all the nuts and bolts as applicable for all the clip positions.
- (11) Seal the tube and harness connections at the bifurcation panel.

SBE 72-0193 : Core to fancase interface sealing of the bifurcation panel.

- (a) Clean the surface of the joint faces at the bifurcation panel, number 6 strut and the tube joint connections, Figure 65 sheets 1 and 2.

NOTE: The electrical receptacles and fume and fire seal joints are sealed later in the procedure.

- (b) Refer to SPP TASK 70-11-26-300-503 for the procedure to locally swab clean.
- (c) Hand clean the specified surfaces with CoMat 05-016 garnet paper or CoMat 05-017 garnet paper.
- (d) Locally swab clean the areas again, refer to SPP TASK 70-11-26-300-503.
- (e) Use dry compressed air or CoMat 02-099 lint free cloth , dry the cleaned areas.
- (f) Make sure that there are no remaining solvent cleaning fluids in the clearances between the bifurcation panel and the fuel tube connectors.
- (g) The surfaces to be filled must be dry and free from grease, oil and dust.



- (h) Use a soft brush and apply a thin layer of primer to the cleaned areas. You must apply the primer immediately after the surface has been cleaned. You must use the correct sealant with each primer.
- (i) For CoMat 08-013 cold curing silicone compound use CoMat 08-014 primer. For CoMat 08-074 sealant use CoMat 08-032 primer.
- (j) Dry the primer. For CoMat 08-014 primer air dry for 30 minutes. For CoMat 08-032 primer air dry for 60 to 90 minutes.
- (k) Apply the sealant. You must apply the sealant in a thin layer, less than 0.120in. (3,0 mm) diameter. Use a spatula to apply the CoMat 08-013 cold curing silicone compound or CoMat 08-074 sealant. Press the sealant into the joint clearances at the specified locations.
- (l) Cure the sealant. For CoMat 08-013 cold cure at 68 deg F (20 deg C) for 48 hours. The surface of the compound can be touched after 12 hours. Do not apply a load during this time.
- (m) For CoMat 08-074 sealant cure at 77 deg F (35 deg C) for 24 hours. The surface of the sealant can be touched after 1 or 2 hours. Do not apply a load during this time.

I. Installation Instructions - Core Dressings

- (1) Install 6A6202, tube 24 No.4 oil feed tube (79-21-49, 13-100), Figure 71 sheet 3, sheet 4 and Figure 92.
 - (a) Confirm the bracket 5W8311 is installed. If necessary, attach the bracket 5W8311 (79-21-49, 13-090) to the bracket (72-41-00, 03-510) with the two bolts (79-21-49, 13-094) and the two nuts (79-21-49, 13-092) at the clip position 5664. Torque the nuts to 36 to 45 lbfin. (4 to 5 Nm).

NOTE: Refer to TASK 72-00-40-420-005-B00 for installation of bracket 5W8311 (79-21-49, 13-090) to the bracket (72-41-00, 03-510).
 - (b) Lightly lubricate a new seal ring (79-21-49, 13-116) with CoMat 10-077 approved engine oil and install the seal ring to the tube 21 (79-21-49, 14-100).
 - (c) Install the filter (79-21-49, 14-080) into the tube 21.
 - (d) Put a thin layer of CoMat 04-005 jointing compound on to the mating surfaces of the bracket (79-21-49, 13-070) where it touches 6A6202, tube 24.
 - (e) Attach 6A6202, tube 24 to the tube 21 and install the three bolts (79-21-49, 13-114) and the three nuts (79-21-49, 13-110). Torque the nuts to 85 to 105 lbfin (10 to 12 Nm).



- (f) At the CP5664, install clip AS62407 on 6A6202 (tube 24, No.4 bearing oil feed tube), and attach 6A6202 to bracket 5W8311 with the bolt 4W0102 and clipnut 4W0043.
- (g) Torque the bolt at the clip position 5664 to 36 to 45 lbfin (4 to 5 Nm).
- (2) Install 6A6230, raceway (71-52-50, 05-100), Figure 72 and Figure 115.
 - (a) At the CP6104, install the raceway 6A6230 to the bracket 6A8165 with the bolt 4W0102 and the clipnut 4W0043.
 - (b) At the existing clip position 5676, install the raceway 6A6230 to the bracket (72-32-00, 02-535) with the bolt (71-52-50, 05-102), washer (71-52-50, 05-104) and the clipnut (71-52-50, 05-106).
 - (c) Torque the bolts at the clip positions to 36 to 45 lbfin (4 to 5 Nm).
- (3) Install 740-5277-509, tube 47 fuel drain tube (71-71-49, 01-500) and tube 36 (71-71-49, 01-100), Figure 68 sheet 2 and Figure 117.
 - (a) Connect the tube 47 to the Variable Stator Vane (VSV) actuator and to 740-5688-513, the tube 216 (71-71-48, 03-400) at the bifurcation panel.
 - (b) Connect the tube 36 (71-71-49, 01-100) to the LPC master bleed actuator and to 740-5277-509, the tube 47.
 - (c) At the CP6111, install clip AS62404 on to 740-5277-509, tube 47, fuel drain tube and attach the tube to the raceway (lug) 6A6230 with the bolt 4W0103, washer SP154D and nut 4W0001.
 - (d) Torque the tube nuts to 159 to 177 lbfin (18 to 20 Nm). Safety the tube nuts with CoMat 02-126 lockwire.
 - (e) Torque the nut at the clip position to 36 to 45 lbfin (4 to 5 Nm).
- (4) Install 6A6007, tube 67, P2.5 air tube (73-22-49, 09-500), Figure 73 sheets 1 and 2.
 - (a) Connect 6A6007, tube 67 to the tube 66 (73-22-49, 09-100) and to the tube 243 at the bifurcation panel.
 - (b) At the existing clip position 5777 install clip (73-11-49, 13-192) to the tube 28 (73-11-49, 13-100) and clip (73-22-49, 09-152) to the tube 66 (73-22-49, 09-100). Attach the tube 66 to the tube 28 with the bolt, two washers and nut (73-11-49, 13-189, 13-190 and 13-196).



- (c) At the CP6088, install clip AS62407 on 6A6202 (tube 24 No.4 bearing oil feed tube) and clip AS62503 on the overheat fire detection harness and install them to the tube (lug) 6A6007 (tube 67, P2.5 air tube) with the bolt 4W0109, the washer K8831, spacer UP10479 and the nut 4W0001 (EBU3), Figure 110 sheet 1 and sheet 2.
 - (d) Torque the tube connector to 159 to 177 lbfin (18 to 20 Nm) and safety with CoMat 02-274 safety cable or CoMat 02-275 safety cable.
 - (e) Torque the nuts at the clip positions to 36 to 45 lbfin (4 to 5 Nm).
- (5) Install 6A5394, tube 57 and 6A5397, tube 23, oil feed tubes (79-21-49, 10-100 and 12-100), Figure 71 sheet 3 and 4.
- (a) Connect 6A5394, tube 57 (79-21-49, 10-100) to the tube 177 (79-21-49, 04-500) at the bifurcation panel. Connect the tubes 23, 24 and 58 to the tube 57, (79-21-49, 12-100, 13-100 and 11-100).
 - (b) At the CP6087, install clip AS62405 (79-21-49, 12-168) on tube 23 (79-21-49, 12-100) and attach the tube to the bracket (75-00-49, 01-680) with the clip nut 4W0043 (79-21-49, 12-172) and the bolt 4W0102 (79-21-49, 12-165) and washer K8831, Figure 110 sheet 1.
 - (c) With IAE1R18001 torque the tube connector of the tube 57 to 398 to 434 lbfin (45 to 49 Nm). Safety with CoMat 02-126 lockwire.
 - (d) With IAE1R18000 torque the tube connector of the tube 58 to 319 to 345 lbfin (36 to 39 Nm). Safety with CoMat 02-126 lockwire.
 - (e) Torque the tube connector of the tube 24 to 257 to 283 lbfin (29 to 32 Nm) and safety with CoMat 02-126 lockwire.
 - (f) Torque the bolt at the clip position to 36 to 45 lbfin (4 to 5 Nm).
- (6) Install 6A5392, tube 60, fuel tube (73-11-49, 11-100), Figure 75 sheet 2.
- (a) Lightly lubricate a new preformed packing (73-11-49, 11-096) with CoMat 10-060 liquid paraffin or CoMat 10-038 petroleum jelly.
 - (b) Install the preformed packing on the fuel tube 93 (73-11-49, 10-500) at the bifurcation panel.
 - (c) Loosely connect the tube 60 to the tube 93 (73-11-49, 10-500).

NOTE: Torque tube 60 after connection of tubes 43, 28, 44 to tube 60.

- (d) Pre SBE 75-0081: At the existing clip position 5667 install clip (73-11-49, 11-144) to 6A5392, the tube 60 and attach the tube clip to the bracket (72-41-00, 03-510) with the bolt (73-11-49, 11-141) and clip nut (73-11-49, 11-148).



- (e) SBE 75-0081: At the existing clip position 5667 install clip (73-11-49, 11-144) to 6A5392, the tube 60 and attach the tube clip to the bracket (72-41-00, 03-510) with the bolt (73-11-49, 11-141), washer K8831 and clip nut (73-11-49, 11-148).
- (f) Lightly lubricate a new (73-11-49, 13-096) packing with CoMat 10-060 liquid paraffin or CoMat 10-038 petroleum jelly.
- (g) Install one packing on the lower connection of the tube 60.
- (h) Connect the tube 28 to the tube 60. Torque the tube connector to 425 to 475 lbfin (48 to 53,7 Nm) and safety with CoMat 02-126 lockwire.
- (i) Lightly lubricate a new (73-11-49, 12-096) packing with CoMat 10-060 liquid paraffin or CoMat 10-038 petroleum jelly.
- (j) Install one packing on the lower connection of the tube 60.
- (k) Connect the tube 44 to the tube 60. Torque the tube connector to 425 to 475 lbfin (48 to 53,7 Nm) and safety with CoMat 02-126 lockwire.
- (l) Lightly lubricate a new (73-11-49, 12-096) packing with CoMat 10-060 liquid paraffin or CoMat 10-038 petroleum jelly. Install the packing on the upper connection of the tube 60.
- (m) Connect the tube 41 to the tube 61. Torque the tube 41 connector to 330 to 360 lbfin (37,3 to 40,7 Nm) and safety with CoMat 02-126 lockwire.
- (n) At the existing clip position 5748, install the clip (73-11-49, 12-528) on tube 44 (73-11-49, 12-500) and the clip (73-11-49, 13-184) on the tube 28 (13-100). Attach tube 44 to tube 28 with the bolt, two washers and the nut (73-11-49, 13-181, 13-182 and 13-188).
- (o) Torque the bolt and the nuts at the clip positions to 36 to 45 lbfin (4 to 5 Nm).
- (7) Install 6A6009, tube 32, HPC stage 7 air bleed tube (75-32-49, 16-100), Figure 76 sheet 5 and sheet 6.
 - (a) Connect 6A6009, tube 32 to the tube 161 at the bifurcation panel and the stage 7 bleed valve at the 8 o'clock position.
 - (b) At the CP6081, install clip AS62412 on 6A5394 (tube 57, oil feed tube) and install them to the tube (lug) 6A6009 (tube 32, HPC stage 7 air bleed tube) with the bolt 4W0103, washer K8831 and the nut 4W0001, Figure 107 sheet 1.
 - (c) Torque the tube connectors to 159 to 177 lbfin (18 to 20 Nm) and safety with CoMat 02-126 lockwire.



- (d) Torque the nuts at the clip positions to 36 to 45 lbfin (4 to 5 Nm).
- (8) Install 6A5391, tube 48 (36-11-47, 01-100), Figure 77 sheet 1 and sheet 2.
- (a) Connect 6A5391, tube 48 to the cabin air conditioning control tube (36-21-49, 01-100) and to tube 153 (36-11-47, 01-500) at the bifurcation panel.
- (b) At the CP6094, install clip AS62404 (36-11-47, 01-152) to the tube 48 (36-11-47, 01-100) and attach the tube to the tube 32 (lug) (75-32-49, 16-100) with bolt 4W0102 (71-52-43, 01-518) and the nut 4W0001 (71-52-43, 01-525), Figure 76 sheet 5, sheet 6, Figure 111 sheet 1 and sheet 2.
- (c) At the CP6096, install clip AS62404 (75-32-49, 16-176) to the tube 32 (75-32-49, 16-100) and attach the tube to tube 48 (lug) (36-11-47, 01-100) with the bolt 4W0102 (75-32-49, 16-173), the washer K8831 and the nut 4W0001 (75-32-49, 16-180), Figure 76 sheet 5, sheet 6, Figure 112 sheet 1 and sheet 2.
- (d) At the CP6098, install clip AS62404 (75-32-49, 16-184) to tube 32 (75-32-49, 16-100), the harness (Fire detection harness, system A and cabin services) with the bolt 4W0120 (75-32-49, 16-181), washer K8831, with the two spacers LK69353 and LK42781 (75-32-49, 16-185 and 16-186), the nut 4W0001 (75-32-49, 16-188) (EBU 3) and washer K8831, Figure 76 sheet 5, sheet 6 Figure 113 sheet 1 and sheet 2.
- (e) Pre SBE 75-0081: At the CP5766, install the clip AS62406 on 6A2150, tube 46 (73-11-49, 19-100), the fire detection system A harness and attach them to 6A6235, tube 53 (73-22-49, 05-500) with the bolt 4W0103, washer K8831 and the nut 4W0001 with the washer K8831 (EBU 3), Figure 74 sheet 1, sheet 2, sheet 3, Figure 102 sheet 1, sheet 2 and sheet 3.
- (f) SBE 75-0081: At the CP5766, install the clip AS62406 on 6A2150, tube 46 (73-11-49, 19-100), the fire detection system A harness and attach them to 6A6236, tube 53 (73-22-49, 05-500) with the bolt 4W0103, washer K8831 and the nut 4W0001 with the washer K8831 (EBU 3), Figure 74 sheet 1, sheet 2, sheet 3, Figure 102 sheet 1, sheet 2 and sheet 3.
- (g) Torque the tube connectors to 159 to 177 lbfin (18 to 20 Nm) and safety with CoMat 02-126 lockwire.
- (h) Torque the nuts at the clip positions to 36 to 45 lbfin (4 to 5 Nm).
- (9) Install 6A2152, tube 61 (73-11-49, 19-500), Figure 75 sheet 2.
- (a) Lightly lubricate a new (73-11-49, 19-498) preformed packing off with CoMat 10-060 liquid paraffin or CoMat 10-038 petroleum jelly.



- (b) Install the preformed packing on the fuel tube 106 (73-11-49, 20-100) at the bifurcation panel.
- (c) Loosely connect 6A2152, tube 61 to the tube 106 (73-11-49, 20-100), Figure 70 sheet 1 and sheet 2.

NOTE: The installation of the tube 61 is completed when the tube 27, 46 and 41 end connectors are tightened and safetied.
- (d) At the CP6097, install clip AS62408 (73-11-49, 19-576) on to tube 61, (73-11-49, 19-500), the clip AS62404 (36-11-47, 01-168) on to tube 48 (36-11-47, 01-100) and attach the tubes to the tube 32 (lug) (75-32-49, 16-100) with the bolt 4W0113 (73-11-49, 19-573) with washer K8831, the spacer LK42781 (73-11-49, 19-578) and the nut 4W0001 (73-11-49, 19-580) with washer K8831, Figure 112 sheet 1 and sheet 2.
- (e) Lightly lubricate a new (73-11-49, 18-096) packing with CoMat 10-060 liquid paraffin or CoMat 10-038 petroleum jelly.
- (f) Install one packing on the lower connection of the tube 61.
- (g) Connect the tube 27 to the tube 61. Torque the tube connector to 330 to 360 lbfin (37,3 to 40,7 Nm) and safety with CoMat 02-126 lockwire.
- (h) Lightly lubricate a new (73-11-49, 19-096) packing with CoMat 10-060 liquid paraffin or CoMat 10-038 petroleum jelly.
- (i) Install one packing on the front connection of the tube 61.
- (j) Connect the tube 46 to the tube 61. Torque the tube connector to 425 to 475 lbfin (48 to 53,7 Nm) and safety with CoMat 02-126 lockwire.
- (k) Lightly lubricate a new (73-11-49, 16-096) packing with CoMat 10-060 liquid paraffin or CoMat 10-038 petroleum jelly. Install the packing on the upper connection of the tube 61.
- (l) Connect the tube 41 to the tube 61. Torque the tube 41 connector to 330 to 360 lbfin (37,3 to 40,7 Nm) and safety with CoMat 02-126 lockwire.
- (m) Torque the nut at the clip position to 36 to 45 lbfin (4 to 5 Nm).
- (10) Install 6A6235, tube 53 (73-22-49, 05-500), Figure 74 sheet 1, sheet 2 and sheet 3.
 - (a) Connect 6A6235, tube 53 (73-22-49, 05-500) to the air tube 138 (73-22-49, 06-100) and the tube 52 (73-22-49, 05-100), Figure 70 sheet 1 and 2.
 - (b) Torque both tube connectors to 159 to 177 lbfin (18 to 20 Nm) then safety with CoMat 02-274 or CoMat 02-275 safety cable.



- (11) SBE 75-0081: Install 6A6236, tube 53 (73-22-49, 05-500), Figure 74 sheet 1, sheet 2 and sheet 3.
- (a) Connect 6A6236, tube 53 (73-22-49, 05-500) to the air tube 138 (73-22-49, 06-100) and the tube 52 (73-22-49, 05-100), Figure 70 sheet 1 and 2.
- (b) Torque both tube connectors to 159 to 177 lbfin (18 to 20 Nm) then safety with CoMat 02-274 or CoMat 02-275 safety cable.
- (12) Pre SBE 75-0081: Install 6A6006, tube 68 (75-23-48, 03-100), Figure 78 sheet 1 and sheet 2.
- (a) Connect 6A6006, tube 68 (75-23-48, 03-100) to the tube 37 (75-23-48, 03-100) and the tube 162 (75-23-48, 02-500) at the bifurcation panel, Figure 70 sheet 1 and 2.
- (b) Torque both tube connectors to 159 to 177 lbfin (18 to 20 Nm) then safety with CoMat 02-274 safety cable.
- (13) Install 6A6010, tube 69 (75-22-49, 05-500), Figure 80 sheet 1, sheet 2 and sheet 3.
- (a) Connect 6A6010, tube 69 (75-22-49, 05-500) to the tube 38 (75-22-49, 05-100) and to the tube 143 (75-22-49, 06-100) at the bifurcation panel.
- (b) At the CP6076, install the clip AS62408 (73-11-49, 11-168) on to the tube 60 (73-11-49, 11-100) and attach tube 60 to the tube 69 (lug) with the bolt 4W0102 (73-11-49, 11-165) with washer K8831 and the clipnut 4W0043 (73-11-49, 11-172), Figure 105 sheet 1 and sheet 2.
- (c) At the CP6099, install clip AS62405 on 6A6010 (tube 69, No. 4 bearing cooling/sealing air tube) and install them to the tube 68 (lug) 6A6006 (75-23-48, 03-100, air servo turbine cooling tube) with the bolt 4W0103, and the nut 4W0001, Figure 113 sheet 2 and sheet 3.
- (d) Pre SBE 75-0081: At the CP6100, install clip AS62404 on 6A6006 (tube 68, air servo turbine cooling tube) and clip AS62408 on 6A2152 (tube 61, 73-11-49, 19-500, HP fuel servo) and install them to the tube (lug) 6A6010 (tube 69, no. 4 bearing cooling/sealing air tube) with the bolt 4W0120, washer K8831, the spacer LK42781, the spacer LK69353 and the nut 4W0001 with washer K8831, Figure 114 sheet 1 and sheet 2.
- (e) SBE 75-0081: At the CP6100, Install clip AS62408 on 6A2152 (tube 61, 73-11-49, 19-500, HP fuel servo) and install them to the tube (lug) 6A6010 (tube 69, no. 4 bearing cooling/sealing air tube) with the bolt, washer K8831, the spacer LK69353 and the nut 4W0001 with washer K8831, Figure 114 sheet 1 and sheet 2.



- (f) At the CP6101, install clip AS62405 on 6A6010 (tube 69, No. 4 bearing cooling/sealing air tube) and install them to the tube (lug) 6A6006 (tube 68, air servo turbine cooling tube) with the bolt 4W0102, the washer 5W1086 and the nut 4W0001, Figure 114 sheet 2.
 - (g) At the CP5668, install clip AS62408 on 6A2152 (tube 61, HP fuel servo tube), clip AS62405 on 6A6010 (tube 69, no. 4 bearing cooling/sealing air tube), clip AS62408 on 6A5392 (tube 60, HP fuel tube) and install them to the bracket 5W2802 with the bolt 4W0130 with washer K8831, two spacers LK42781 and LK65478 and clipnut 4W0043, Figure 93 sheet 1 and sheet 2.
 - (h) Pre SBE 75-0081: At the CP5647, install clip AS62404 on 6A6006 (tube 68, HPC turbine cooling air servo tube), clip TA025022-04 on 6A6235 (tube 53, 73-22-49, 05-500, Pb air tube), clip AS62505 on 6A6010 (tube 69, no. 4 bearing cooling/sealing air tube) and install them to bracket 5W1999 with the bolt 4W0116, spacer LK51288 and clipnut 4W0043, Figure 87 sheet 1, sheet 2 and sheet 3.
 - (i) SBE 75-0081: At the CP5647, install clip TA025022-04 on 6A6236 (tube 53, 73-22-49, 05-500, Pb air tube), clip AS62505 on 6A6010 (tube 69, no. 4 bearing cooling/sealing air tube) and install them to bracket 5W1999 with the bolt 4W0116, spacer LK51288 and clipnut 4W0043, Figure 87 sheet 1, sheet 2 and sheet 3.
 - (j) Torque both tube connectors to 204 to 221 lbfin (23 to 25 Nm) then safety with CoMat 02-126 lockwire.
 - (k) Torque the bolts and the nuts at the clip positions to 36 to 45 lbfin (4 to 5 Nm).
- (14) Install 6A5390, tube 62 (73-11-49, 09-100), Figure 75 sheet 2.
- (a) Lightly lubricate a new (73-11-49, 08-090) seal ring with CoMat 10-060 liquid paraffin or CoMat 10-038 petroleum jelly. Install the seal ring on the tube 95 (73-11-49 08-100) at the bifurcation panel, Figure 20 and 21.
 - (b) Lightly lubricate a new (73-11-49, 09-116) seal ring with CoMat 10-060 liquid paraffin or CoMat 10-038 petroleum jelly. Install the seal ring on 6A5390, the tube 62.
 - (c) Attach the tube 62 to the fuel diverter valve with the three bolts (73-11-49, 09-114). Torque the bolts to 85 to 105 lbfin (10 to 12 Nm).
 - (d) Connect the tube 62 to the tube 95. Torque the tube connector to 1150 to 1250 lbfin (130 to 141 Nm). Safety with CoMat 02-126 lockwire.
 - (e) At the CP6078, install clip AS62412 on 6A5390 (tube 62, HP fuel tube) and install them to the tube 67 (lug) 6A6007 with the bolt 4W0103, washer K8831 and nut 4W0001, Figure 106 sheet 1 and sheet 2.



- (f) Torque the bolt at the clip position 6078 to 36 to 45 lbfin (4 to 5 Nm).
- (15) Install 6A6197, tube 65 (75-32-49, 15-100), Figure 76 sheet 5 and sheet 6.
- (a) Connect 6A6197, tube 65 to the stage 7 bleed valve and to tube 145 (75-32-49, 08-500) at the bifurcation panel, Figure 70 sheet 1 and 2.
 - (b) At the CP5659, install clip AS62412 on 6A5390 (tube 62, HP fuel tube), clip AS62404 on 6A5397 (tube 23, No. 5 bearing oil feed tube), clip AS62405 on 6A6197 (tube 65, HPC stage 7 air bleed tube) and install them to the bracket 5W8304 with the bolt 4W0120 with washer K8831, spacer LK44011 and clipnut 4W0043, Figure 90 sheet 1 and sheet 2.
 - (c) Torque both tube connectors to 159 to 177 lbfin (18 to 20 Nm) then safety with CoMat 02-274 safety cable.
 - (d) Torque the bolt at the clip position 5659 to 36 to 45 lbfin (4 to 5 Nm).
- (16) Install 6A6198, tube 63 (75-32-49, 13-100), Figure 76 sheet 2.
- (a) Connect 6A6198, tube 63 to the stage 7 bleed valve and to tube 156 (75-32-49, 12-100) at the bifurcation panel, Figure 70 sheet 1 and 2.
 - (b) At the CP6121, install clip AS62404 on the 6A6198 (tube 63, HP stage 7 air bleed tube), clip AS62408 on 6A5392 (tube 60, HP fuel tube) and install them to the tube (lug) 6A6197 (tube 65, HP stage 7 bleed air tube) with the bolt 4W0106, spacer UP10478, washer K8831 and nut 4W0001, Figure 122.
 - (c) Torque both tube connectors to 159 to 177 lbfin (18 to 20 Nm) then safety with CoMat 02-274 safety cable.
 - (d) Torque the nut at the clip position 6121 to 36 to 45 lbfin (4 to 5 Nm).
- (17) Install 6A6199, tube 64 (75-32-49, 14-100), Figure 76 sheet 2.
- (a) Connect 6A6199, tube 64 to the stage 10 bleed valve and to tube 166 (75-32-49, 04-500) at the bifurcation panel, Figure sheet 1 and 2.
 - (b) At the CP6122, install clip 6A62412 on the 6A5394 (tube 57, oil feed tube) and install the tube to the tube (lug) 6A6199 (tube 64, HP stage 10 air bleed tube) with the bolt 4W0103, washer K8831 and nut 4W0001, Figure 122.
 - (c) At the CP6124, install clip 6A62408 on the 6A2152 (tube 61, HP fuel servo tube) and install the tube to the tube (lug) 6A6199 (tube 64, HP stage 10 air bleed tube) with the bolt 4W0102, washer K8831 and nut 4W0001, Figure 123.



- (d) At the CP5643, install clip AS62404 on 6A6198 (tube 63, HPC stage 7 bleed air tube), clip AS62404 on 6A6199 (tube 64, HPC stage 10 bleed air tube) and install them to the new bracket 6A5749 (72-41-00, 03-320) with the bolt 4W0103 with washer K8831 and nut 4W0001, Figure 86 sheet 1 and sheet 2.
 - (e) At the CP5675, install clip AS62404 on 6A6199 (tube 64, HPC stage 10 air bleed tube), clip AS62404 on 6A6197 (tube 65, HPC stage 7 air bleed tube) and install them to bracket 6A5750, with the bolt 4W0112 with washer K8831, spacer UP10480 and the clipnut 4W0043, Figure 94 sheet 1 and sheet 2.
 - (f) At the existing CP5450, install the clip (75-32-49, 14-544) on 6A6199 (tube 64, HPC stage 10 bleed air tube) and the clip (74-21-43, 02-104) on the harness (74-21-43, 02-100) and install them to the bracket (75-00-49, 01-545) with the bolt (74-21-43, 02-101), the washer (74-21-43, 02-102) and the clipnut (74-21-43, 02-108), Figure 76 sheet 2.
 - (g) At the existing CP5397, install the clip (75-32-49, 14-552) on 6A6199 (tube 64, HPC stage 10 bleed air tube) and attach the tube to the bracket (75-32-54, 01-395) with the bolt (75-32-49, 14-549), the washer (75-32-49, 14-550) and the clipnut (75-32-49, 14-556), Figure 76 sheet 2.
 - (h) Torque both tube connectors to 159 to 177 lbfin (18 to 20 Nm) then safety with CoMat 02-274 safety cable.
 - (i) Torque the bolts and the clipnuts at the clip positions to 36 to 45 lbfin (4 to 5 Nm).
- (18) Install 740-5278-511, tube 45 (71-71-49, 02-500).
- (a) Connect the tube 45 to the ACC valve actuator and to 740-5277-509, tube 47 (71-71-49, 01-500).
 - (b) Connect 740-5279-509, the tube 35 (71-71-49, 02-100) to the slave booster bleed actuator and to 740-5278-511, tube 45 (71-71-49, 02-500), Figure 68 sheet 2.
 - (c) At the CP6109, install the clip AS62404 on 740-5278-509 (tube 45, fuel drain tube) and install them to the raceway (lug) 6A6230 with the bolt AS21411, washer SP154D, spacer ST1698D47 and nut AS20624, Figure 116.
 - (d) At the CP5831, install the clip 400WSS6 (73-11-49, 02-536) on tube 27 (73-11-49, 18-100) and attach the tube 27 to 740-5279-509, tube 35 (71-71-49, 02-100) with the bolt AS21414, spacer ST1698D48, washer SP154D and nut AS20624, Figure 68 sheet 2 and sheet 3.



- (e) At the CP5832, install the clip 400WSS5 on tube 27 (73-11-49, 18-100) and attach the tube 27 to tube 45 with the bolt AS21414 (71-71-49, 02-533), spacer ST1698D48 (71-71-49, 02-538), washer SP154D (71-71-49, 02-534) and nut AS20624 (71-71-49, 02-540), Figure 68 sheet 2 and sheet 3.
 - (f) At the CP5670, install the clip 400WSS4 (71-71-49, 02-560) on 740-5278-511, tube 45 (71-71-49, 02-500) and clip (73-11-49, 18-136) on the tube 27 (73-11-49, 18-100) and attach the tubes 27 and 45 to tube 28 (73-11-49, 13-100) with the bolt (73-11-49, 18-133), the washer (73-11-49, 18-134) and nut (73-11-49, 18-140), Figure 68 sheet 2 and sheet 4.
 - (g) Torque the tube connectors for tube 35 and tube 45 to 159 to 177 lbfin (18 to 20 Nm) then safety with CoMat 02-126 lockwire.
 - (h) Torque the nuts at the clip positions to 36 to 45 lbfin (4 to 5 Nm).
- (19) Install 6A6200, tube 16 (75-32-49, 01-100), Figure 76 sheet 2.
- (a) Connect 6A6200, tube 16 to tube 168 (75-32-49, 01-500) at the bifurcation panel and to the tee adaptor on tube 11 (75-22-49, 10-100), Figure 70 sheet 1 and 2.
 - (b) At the CP6125, install clip 6A62403 (TA021146FT03) on the temperature probe of the overheat fire detector and install them to the tube (lug) 6A6200 (tube 16, HPC air bleed tube) with the bolt 4W0103 (AS21408) washer K8831 (SP154D) and nut 4W0001 (AS20624) (EBU 3).
 - (c) Torque both tube connectors to 283 to 310 lbfin (32 to 35 Nm) then safety with CoMat 02-274 safety cable.
 - (d) Torque the nut at the clip position 6125 to 36 to 45 lbfin (4 to 5 Nm).
- (20) Install 6A6201, tube 56 (73-22-49, 02-100), Figure 74 sheet 1, sheet 2 and sheet 3.
- (a) Connect 6A6201, tube 56 to tube 157 (73-22-49, 02-500) at the bifurcation panel and connect tube 19 (73-22-49, 01-500) to 6A6201, tube 56, Figure 70 sheet 1 and 2.
 - (b) Torque both tube connectors to 159 to 177 lbfin (18 to 20 Nm) then safety with CoMat 02-126 lockwire.
- (21) Install 6A6196, tube 20 (79-22-49, 01-500), Figure 79 sheet 3.
- (a) Connect 6A6196, tube 20 to 6A6208, tube 124 (79-22-49, 02-100) at the bifurcation panel and connect tube 2 (79-22-49, 01-100) to tube 20, Figure 70 sheet 1 and 2.



- (b) Torque the two tube nuts with IAE18001 to 398 to 434 lbfin (45 to 49 Nm).
 - (c) At the CP6116, install clip 6A62404 on the 6A6201 (tube 56, P4.9 air tube), clip AS62408 on 6A6200 (tube 16, HPC air bleed tube) and install them to the tube (lug) 6A6196 (tube 20, No. 5 bearing scavenge oil tube) with the bolt 4W0110, washer K8831, spacer UP10479 and nut 4W0001, Figure 119.
 - (d) At the CP6119, install clip 6A62404 on the 6A6201 (tube 56, P4.9 air tube), clip AS62408 on 6A6200 (tube 16, HPC bleed air tube) and install them to the tube (lug) 6A6196 (tube 20, No. 5 bearing scavenge oil tube) with the bolt 4W0110, washer K8831, spacer UP10479 and nut 4W0001, Figure 121.
 - (e) At the existing CP5224, install the clip (79-22-49, 01-544) on the 6A6196, tube 20 (79-22-49, 01-500) and the clip (75-22-49, 10-120) on the tube 11 (75-22-49, 10-100) and attach them to the bracket (73-13-41, 01-260) with the bolt (79-22-49, 01-541), spacer (79-22-49, 01-546) and the nut (79-22-49, 01-548).
 - (f) At the existing CP5225, install the clip (79-22-49, 01-536) on the 6A6196, tube 20 (79-22-49, 01-500) and attach the tube to the tube 11 (lug) (75-22-49, 10-100) with the bolt (79-22-49, 01-533), washer (79-22-49, 01-534) and the nut (79-22-49, 01-540).
 - (g) Torque the nuts at the clip positions to 36 to 45 lbfin (4 to 5 Nm).
- (22) Remove the elbow 2A0348 or 2A1977 and install the new elbow 2A3818, Figures 50 and 51.
- (a) Refer to Figure 51 for the Family Tree.
 - (b) Remove the elbow part no. 2A0348 or 2A1977, the gasket 2A0347 or 2A2927, and lock 2A0346 as specified in the Engine Manual TASK 72-42-00-040-001, Subtask 72-42-00-040-074.
 - (c) Install the new lock 2A3817, gasket 2A3816, and the elbow 2A3818 as specified in the Engine Manual TASK 72-42-00-430-001, Subtask 72-42-00-430-067.
- (23) Install 6A6195, tube 55 (79-22-49, 03-100), Figure 79 sheet 3.
- (a) Connect 6A6195, tube 55 to 6A6206, tube 127 (79-22-49, 04-100) at the bifurcation panel and to the diffuser case adapter elbow.
 - (b) At the CP6113, install clip AS62412 on 6A5390 (tube 62, HP fuel tube) and install the tube to the tube 6A6195 (tube 55, No. 4 bearing oil scavenge tube) with the bolt 4W0103, washer K8831 and nut 4W0001, Figure 118.



- (c) Pre SBE 75-0081: At the CP6095, install clip TA025022-04 on 6A6235 (tube 53, Pb air tube) and clip AS62404 on 6A5391 (tube 48, HP air vent tube), clip AS62416 on 6A6195 (tube 55, No. 4 bearing oil scavenge tube), clip 400WSS4 on 740-5278-511 (tube 45, fuel drain tube) and install them to the tube (lug) 6A6009 (tube 32, HP stage 7 air bleed tube) with the bolt 4W0112, the washer K8831, spacer UP10479 and the nut 4W0001 with washer K8831, Figure 111 sheet 2 and sheet 3.
- (d) SBE 75-0081: At the CP6095, install clip TA025022-04 on 6A6236 (tube 53, Pb air tube) and clip AS62404 on 6A5391 (tube 48, HP air vent tube), clip AS62416 on 6A6195 (tube 55, No. 4 bearing oil scavenge tube), clip 400WSS4 on 740-5278-511 (tube 45, fuel drain tube) and install them to the tube (lug) 6A6009 (tube 32, HP stage 7 air bleed tube) with the bolt 4W0112, the washer K8831, spacer UP10479 and the nut 4W0001 with washer K8831, Figure 111 sheet 2 and sheet 3.
- (e) Torque the two tube nuts with IAE18003 to 566 to 611 lbfin (64 to 69Nm) then safety with CoMat 02-274 safety cable.
- (f) Torque the nuts at the clip positions to 36 to 45 lbfin (4 to 5 Nm).
- (24) Install the Variable Stator Vane (VSV) Actuator.
 - (a) Install the VSV Actuator, refer to TASK 72-00-40-420-006-B00.
- (25) Install the Core Overheat Detector (75-41-15, 01-100) (EBU 3).
 - (a) Install the core overheat detector, refer to SBN 71-0273.
- (26) Install the new 6A8171 (Pre SBE 75-0081) or 6A8172 (SBE 75-0081), Core EEC harness, the ignition supply harness and Fire Detection Harness (System B) (71-52-42, 01-005) (EBU 3).

Refer to the following during this procedure:

Core EEC harness before alteration - Figure 81 sheet 1 and sheet 2

Core EEC harness after alteration - Figure 81 sheet 3

Core ignition supply harness before alteration - Figure 82 sheet 1 and sheet 2

Core ignition supply harness after alteration - Figure 82 sheet 3

Refer to TASK 72-00-40-420-006-B00.

SBN 71-0273 for the installation of the Fire Detection Harness (System B).

- (a) Install the existing harness raceway (71-52-50, 04-500) at the existing raceway fixing clip positions 6056 and 5776, Figure 9.



- (b) Install the new 6A8171, core EEC harness, the ignition supply harness. Refer to Figure 81 sheet 3, all remaining clipping positions are unchanged from the procedure given in TASK 72-00-40-420-006-B00.
- (c) Install the existing clip positions 5740, 5741, 5743, 5744 and 5690.
- (d) Connect the T2.5 thermocouple terminal 4026KS-A
- (e) Connect the EEC harness to the fan speed terminal block.
- (f) Route and install the ignition supply harness through the bifurcation panel, refer to TASK 72-00-32-420-004-B00.
- (g) Connect all the electrical connectors, refer to TASK 72-00-40-420-006-B00.
- (h) Install the existing clip positions 5557, 5695, 5772, 5694, 5692, 5691, refer to TASK 72-00-40-420-006-B00.
- (i) Install the revised clip positions which follow.
- (j) At the CP6072, install clip AS62501 (71-51-44, 01-289) on the ignition supply harness and install them to the tube (lug) tube 65, (75-32-49, 15-100) HP stage 7 bleed air tube) with the bolt 4W0102 (71-51-44, 01-286), washer 5W1086 (71-51-44, 01-281) and nut 4W0001 (71-51-44, 01-293), Figure 103 sheet 1.
- (k) At the CP5595, install clip AS62404 on 6A6197, tube 65 (75-32-49, 15-100), clip AS62501 on to the core ignition supply harness and attach them to the bracket 5T0054, with the bolt 4W0119 with washer K8831, two spacers LK42781 and LK68463 and nut 4W0001, Figure 84 sheet 1 and sheet 2.
- (l) At the CP6073, install clip AS62502 (71-52-43, 01-545) on the EEC Harness, the clip AS62404 (75-32-49, 15-584) to the tube 65 (75-32-49, 15-500), the clip nut 4W0043 (75-32-49, 15-588) and install them to the bracket (72-41-00, 03-575) with the spacer LK53193 (75-32-49, 15-886) and the bolt 4W0111 (75-32-49, 15-581) with washer K8831, Figure 103 sheet 1 and sheet 2.
- (m) At the CP6074, install clip AS62501 (71-51-44, 01-297) on the ignition supply harness (71-51-44, 01-005) and attach the harness to the bracket (75-00-49, 01-090) with the spacer LK42781 (71-51-44, 01-299) and the bolt 4W0113 (71-51-44, 01-294) with washer K8831, Figure 104 sheet 1 and sheet 2.
- (n) At the CP6082, install the clip AS62507 (71-52-43, 01-537) on the EEC harness (71-52-43, 01-005) and attach the harness to the tube 58 (79-21-49, 11-100) with the bolt 4W0109 (71-52-43, 01-534), the spacer LK69353 (71-52-43, 01-539) and the nut 4W0001 (71-52-43, 01-541) with washer K8831, Figure 107 sheet 1 and sheet 2.



- (o) At the CP6083, install the clip AS62406 (73-11-49, 13-128) on the tube 28 (73-11-49, 13-100), the clip AS62507 (71-52-43, 01-561) on the EEC harness (71-52-43, 01-005) and attach them to the tube 58 (lug) (79-21-49, 11-100) with the bolt 4W0107 (73-11-49, 13-125) with the spacer LK64582 (73-11-49, 13-130) and the nut 4W0001 (73-11-49, 13-132) with washer K8831, Figure 108 sheet 1.
- (p) At the CP5641, install clip AS62404 on 6A6198, tube 63 (75-32-49, 13-100), clip AS62404 on 6A6199, tube 64 (75-32-49, 14-100), clip AS62507 on to the core EEC harness and attach them to the bracket 5W8304 with the bolt 4W0128, two washers K8831, spacer 6A4826 and nut 4W0001, Figure 85 sheet 1 and sheet 2.
- (q) At the CP5660, install clip AS62410 on 6A5395, tube 58 (79-21-49, 11-100), clip AS62507 on to the core EEC harness and attach them to the bracket 5W5825 with the bolt 4W0103, washer K8831 and clipnut 4W0043, Figure 91 sheet 1 and sheet 2.
- (r) At the CP5679, install existing clip AS62501 on to the core EEC harness, clip AS62516 on to the EEC harness, ignition supply harness and vibration transducer harness and attach them to the raceway (lug) 6A6230 (71-52-50, 05-100) and the existing raceway attachment point 5W2176 with the bolt 4W0111, two existing washers 5W1086, existing spacer 6A5W1030 or UP10479 and the existing nut 4W0001, Figure 95 sheet 1 and sheet 2.
- (s) At the CP5711, install clip AS62507 on the core EEC harness and attach them to the tube (lug) of 6A5395, tube 58 (79-21-49, 11-100) with the bolt 4W0102 and nut 4W0001, Figure 96.
- (t) At the CP5713, install the clip AS62508 on the EEC harness and the ignition supply harness, the clip AS62408 on to the raceway 5W2177 and attach them on to the tube (lug) of 6A5395, tube 58 (79-21-49, 11-100) with the bolt 4W0107 and washer K8831, spacer LK64582 and nut 4W0001, Figure 97 sheet 1 and sheet 2.
- (u) Pre SBE 75-0081: At the CP5763, install the clip AS62506 on the core EEC harness and install the harness on tube (lug) 6A6006, tube 68 (75-23-48, 03-100) with the bolt 4W0102, washer K8831, and clipnut 4W0043, Figure 99.
- (v) Pre SBE 75-0081: At the CP5764, install clip AS62506 on the core EEC harness and install the harness on tube (lug) 6A6006, tube 68 (75-23-48, 03-100) with the bolt 4W0102, washer K8831 and clipnut 4W0043, Figure 100.
- (w) Pre SBE 75-0081: At the CP5765, install clip AS62508 on the core EEC harness and install the harness on tube (lug) 6A6006, tube 68 (75-23-48, 03-100) with the bolt 4W0102, washer K8831 and clipnut 4W0043, Figure 101.



- (x) Torque the bolts and the nuts at the clip positions to 36 to 45 lbfin (4 to 5 Nm).

(27) Install EGT harness at the following clip positions

- (a) At the existing CP5553, install the clip (71-52-45, 01-153) on the EGT harness and attach the harness to the bracket (75-00-49, 01-670) with the bolt, washer and clip nut (71-52-45, 01-150, 01-151 and 01-157), Figure 83.
- (b) At the CP6085, install clip ST1455-05 (TA0210046FT05 ref.) (71-52-45, 01-265) on the EGT harness (71-52-45, 01-005) and attach the harness to the tube 23 (lug) (79-21-49, 12-100) with the clipnut 4W0043 (71-52-45, 01-269) and the bolt 4W0102 (71-52-45, 01-262) with washer K8831, Figure 83 and Figure 109 sheet 1.
- (c) At the CP6086, install clip ST1455-05 (TA0210046FT05 ref.) (71-52-43, 01-273) on the EGT harness (71-52-45, 01-005) and attach the harness to the tube 23 (lug) (79-21-49, 12-100) with the spacer LK42781 (71-52-43, 01-547), the nut 4W0001 (71-52-43, 01-549) and the bolt 4W0113 (71-52-43, 01-542) with washer K8831, Figure 83, Figure 109 sheet 1 and sheet 2.
- (d) Torque the bolts and the nut at the clip positions to 36 to 45 lbfin (4 to 5 Nm).

(28) Fire detection harness (EBU 3)

- (a) At the CP6084, install clip AS62405 on 6A5397, tube 23 (79-21-49, 12-100) no. 5 bearing oil feed tube and the clip AS62503 on the overheat fire detection harness and install them to the tube (lug) 6A6007, tube 67 (73-22-49, 09-500) P2.5 air tube with the bolt 4W0103, the two washers K8831 and the nut 4W0001, Figure 108 sheet 1 and sheet 2.
- (b) Pre SBE 75-0081: At the CP5648, install the clip AS62404 on 6A6006, tube 68 (75-23-48, 03-100), the clip TA025022-04 on 6A6235, tube 53, (73-22-49, 05-500), the clip AS62405 on 6A6010, tube 69 (75-22-49, 05-500), the clip AS62405 on 6A5012, tube 41 (73-11-49, 16-100), the clip TA025074-03 on the new 740-5967-517 fire detection harness (system A) and attach them to the bracket 6A2801 with the bolt 4W0128 and washer K8831, two spacers LK42781, spacer LK64582 and nut 4W0001 and washer K8831, Figure 88 sheet 1, sheet 2 and sheet 3.
- (c) SBE 75-0081: At the CP5648, install the clip TA025022-04 on 6A6235, tube 53, (73-22-49, 05-500), the clip AS62405 on 6A6010, tube 69 (75-22-49, 05-500), the clip AS62405 on 6A5012, tube 41 (73-11-49, 16-100), the clip TA025074-03 on the new 740-5967-517 fire detection harness (system A) and attach them to the bracket 6A2801 with the bolt 4W0128 and washer K8831, two spacers LK42781 and nut 4W0001 and washer K8831, Figure 88 sheet 1, sheet 2 and sheet 3.



- (d) At the CP5714, install clip 400WSS4 on the new fuel drain tube 740-5279-509, tube 35 (71-71-49, 02-100), the clip AS62509 on to the ignition supply harness and the fire detection (system B) harness and attach them to the tube (lug) 6A5395, tube 58 (79-21-49, 11-100, the No. 1,2 and 3 bearing oil feed tube, with the bolt 4W0104 and nut 4W0001 with washer K8831, Figure 98 sheet 1 and sheet 2.
- (e) At the CP6075, install clip AS62404 on 6A6197, tube 65 (75-32-49, 15-100) HPC stage 7 air bleed tube, the clip AS62412 on 6A5390, tube 62 (73-11-49, 09-100) HP fuel tube, the clip AS62404 on 6A6198, tube 63 (75-32-49, 13-100) HP stage 7 air bleed tube, the clip AS62504 on the overheat fire detection harness and install them to the tube (adaptor lug) 6A5392, tube 60 (73-11-49, 11-100) HP fuel tube with the bolt 4W0122, the washer K8831, the spacer UP10478 and the two spacers UP10479 and the nut 4W0001, Figure 105 sheet 1 and sheet 3.
- (f) At the CP6079, install clip AS62412 on 6A5390 (tube 62, HP fuel tube), clip AS62503 on the overheat fire detection harness and install them to the tube (lug) 6A6007, tube 67 (73-22-49, 09-500) P2.5 air tube with the bolt 4W0110, the washer K8831, the spacer UP10479 and the clipnut 4W0043, Figure 106 sheet 2 and sheet 3.
- (g) At the CP6110, install clip AS62515 on the core EEC harness, the fire detector harness and the ignition supply harness and attach them to the raceway (lug) 6A6230 (71-52-50, 05-100) with the bolt 4W0115, washer K8831, spacer UP10481 and nut 4W0001, Figure 116.
- (h) At the CP6112, install the clip TA025074-04 (AS62503 ref.) on the overheat and fire detection harness and attach the harness to 6A6235, tube 53 (73-22-49, 05-500) with the bolt AS21414, washer SPD154D (K8833 ref.), spacer ST1698D48 (UP10479 ref.) and nut AS20624 (4W0001).
- (i) At the CP6114, install clip AS62515 on the core EEC harness, the fire detector harness and the ignition supply harness and install them to the tube (lug) 6A6195, tube 55 (79-22-49, 03-1000) with the bolt 4W0103, washer K8831 and nut 4W0001, Figure 118.
- (j) At the CP6115, install clip 400WSS8 on the core firerail and install the firerail to the tube (lug) 6A6196, tube 20 (79-22-49, 01-500) with the bolt AS21408, washer SP155D (K8831 ref.) and nut AS20624 (4W0001).
- (k) At the CP6123, install the clip 6A62408 on the 6A2152, tube 61 (73-11-49, 19-500) the HP fuel servo tube, the clip AS62507 on the 740-5493 fire detection harness and the core ignition supply harness and attach them to the tube (lug) 6A6199, tube 64 (75-32-49, 14-100) HP stage 10 air bleed tube with the bolt 4W0104, two washers K8831 and nut 4W0001, Figure 123.



- (l) At the CP6126, install clip TA025074-05 (6A62507 ref.) or AS61903 on the 740-5493 fire detection harness and attach them to the tube (lug) 6A6198, tube 63 (75-32-49, 13-100) the HP stage 7 bleed air tube with the bolt 4W0102 series, washer SP154D and nut 4W0001, Figure 124.
- (m) At the existing CP5906, install the clip AS61903 (71-52-41, 01-210) to the harness (71-52-41, 01-005) and attach the harness to 6A6006, tube 68 (75-23-48, 03-100) with the bolt AS21407 (71-52-41, 01-205), washer SP154D (71-52-41, 01-207) and nut AS20624 (71-52-41, 01-212).

NOTE: Refer to TASK 72-00-40-420-005-B00 for CP5906.

- (n) Torque the bolt and the nuts at the clip positions to 36 to 45 lbfin (4 to 5 Nm).
- (29) Other core clip positions
- (a) At the CP6117, install the clip 6A62403 on the temperature probe and install them to the tube (lug) 6A6196, tube 20 (79-22-49, 01-500) with the bolt AS21408, washer SP154D (K8831 ref.) and nut AS20624 (4W0001 ref.) (EBU 3).
 - (b) Torque the nut at the clip position to 36 to 45 lbfin (4 to 5 Nm).
- (30) Install the overheat detector bracket 740-5290-501 (75-22-49, 10-062), Figure 120 sheet 1 and sheet 2.
- (a) Make sure that the bracket has a minimum clearance of 0.25 in. (6,35 mm) with adjacent components and structure.
 - (b) At the CP6118, attach the overheat bracket 740-5290-501 to the tube 20, tube (lug) 6A6196, (79-22-49, 01-500) with the bolt AS21411 and the nut AS20624.
 - (c) At the CP6120, install clip 6A62504 on the 740-5493 overheat fire detection harness and attach the harness and the tube (lug) 6A6196, tube 20 (79-22-49, 01-500) to the overheat detector bracket 740-5290-501 (75-22-49, 10-062) with the bolt AS21412, washer SP154D and nut AS20624, Figure 121.
- (31) Connect the 4001WD2-A connector to the fire detector, Figure 120 sheet 2.
- (32) Install the ignition exciters and cross brackets.
- (a) Refer to the procedure in TASK 72-00-40-420-005-B00 and the following.
 - (b) Install the lower ignition exciter cross brackets and support tube, Figure 4.
 - (c) Install the two ignition exciter units, air inlets and connect electrical connectors, Figure 1, Figure 2 and Figure 3.



(33) Seal the electrical harness connections at the bifurcation panel.

NOTE: Do this procedure after the fan side electrical connectors are installed to the core side electrical receptacles.

SBE 72-0193 : Core to fancase interface sealing of the bifurcation panel.

- (a) Clean the surface of the joint faces at the electrical connectors and fume and fireseal, Figure 65 sheet 1 and sheet 2.

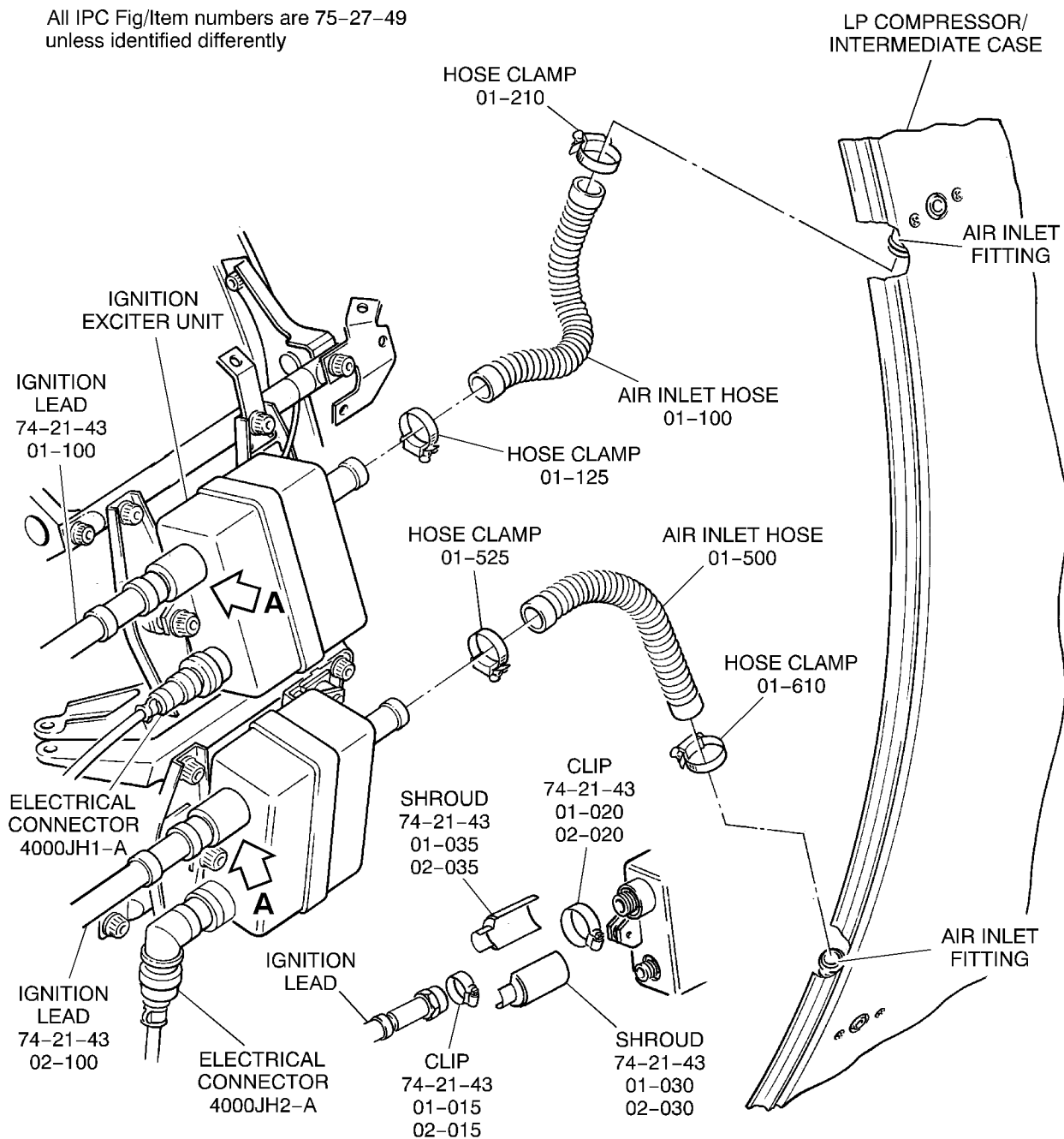
Refer to SPP TASK 70-11-26-300-503 for the procedure to locally swab clean.

- (b) Hand clean the specified surfaces with CoMat 05-016 garnet paper or CoMat 05-017 garnet paper.
- (c) Locally swab clean the areas again, refer to SPP TASK 70-11-26-300-503.
- (d) Use dry compressed air or CoMat 02-099 lint free cloth , dry the cleaned areas.
- (e) Make sure that there are no remaining solvent cleaning fluids in the joints at the specified locations.
- (f) The surfaces to be filled must be dry and free from grease, oil and dust.
- (g) Use a soft brush and apply a thin layer of primer to the cleaned areas. You must apply the primer immediately after the surface has been cleaned. You must use the correct sealant with each primer.
- (h) For CoMat 08-013 cold curing silicone compound use CoMat 08-014 primer. For CoMat 08-074 sealant use CoMat 08-032 primer.
- (i) Dry the primer. For CoMat 08-014 primer air dry for 30 minutes. For CoMat 08-032 primer air dry for 60 to 90 minutes.
- (j) Apply the sealant to seal the core receptacle to bifurcation panel joint. You must apply the sealant in a thin layer, less than 0.120in. (3,0 mm) diameter. Use a spatula to apply the CoMat 08-013 cold curing silicone compound or CoMat 08-074 sealant. Press the sealant into the joint clearances at the specified locations.
- (k) Cure the sealant. For CoMat 08-013 cold cure at 68 deg F (20 deg C) for 48 hours. The surface of the compound can be touched after 12 hours. Do not apply a load during this time.
- (l) For CoMat 08-074 sealant cure at 77 deg F (35 deg C) for 24 hours. The surface of the sealant can be touched after 1 or 2 hours. Do not apply a load during this time.



- (34) Measure the core harness clearances and routing, refer to step 3.H.
- (35) Check all the externals have the correct minimum clearances.
- (36) Fully torque all the core externals, tube end connectors and clip positions as given in each applicable step. Safety all the tube nuts with lockwire or safety cable as applicable.
- (37) Visually inspect the electrical connector backshells and cable clamps, refer to Figure 67.
 - (a) Make sure all the applicable connectors, backshells and cable clamps are secure and safetied with lockwire or safety cable as applicable.

All IPC Fig/Item numbers are 75-27-49
unless identified differently



Remove the ignition excitors (core)
Figure 1

V2500-ENG-79-0088

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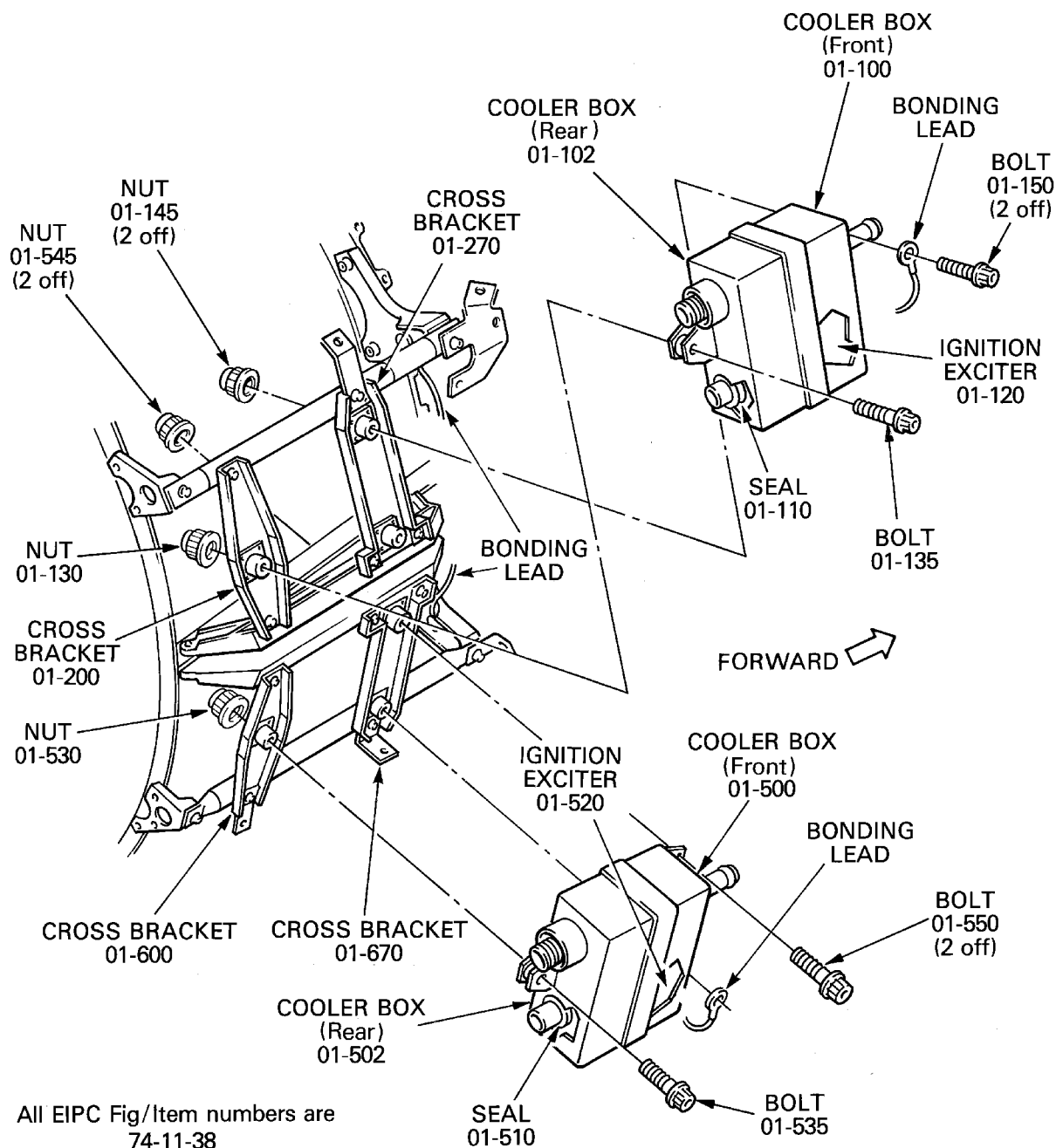
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Not subject to the EAR per 15 C.F.R. Chapter 1, Part 734.3(b)(3).

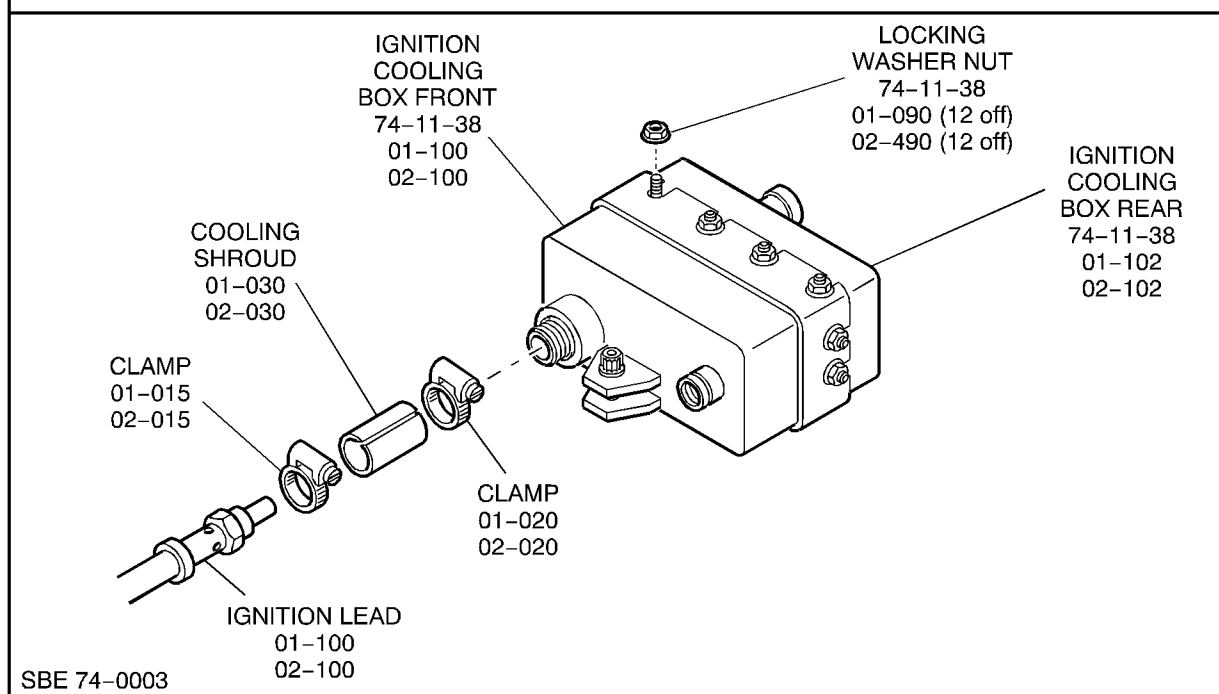
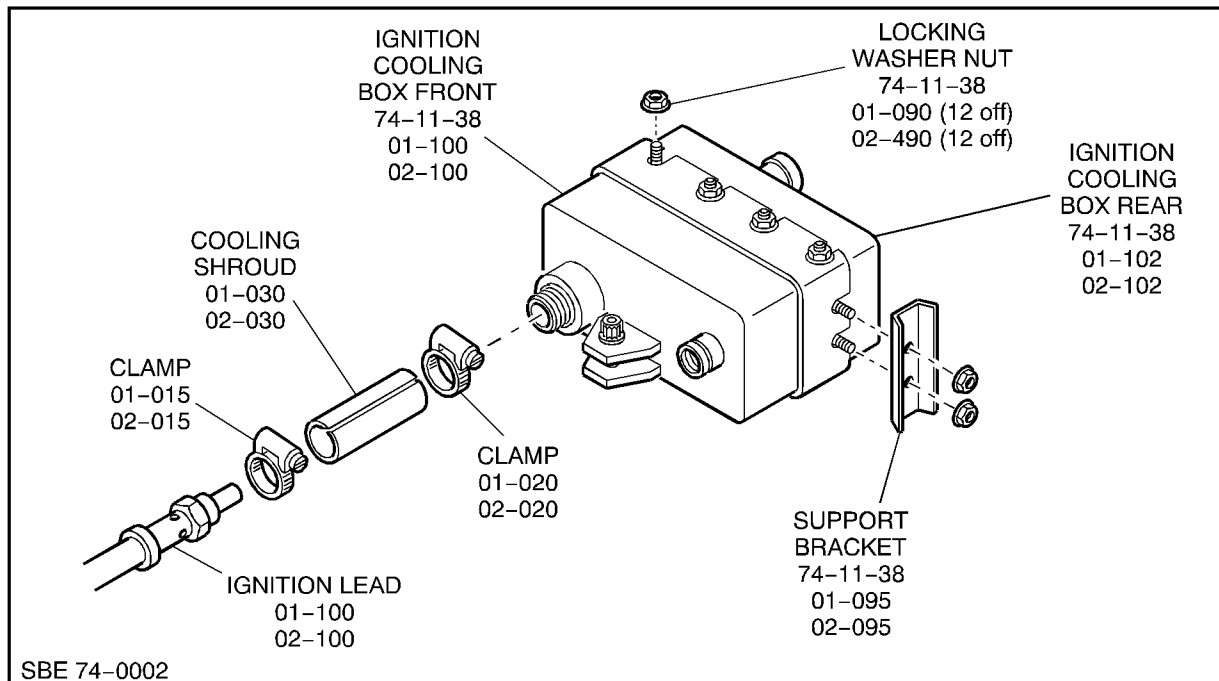
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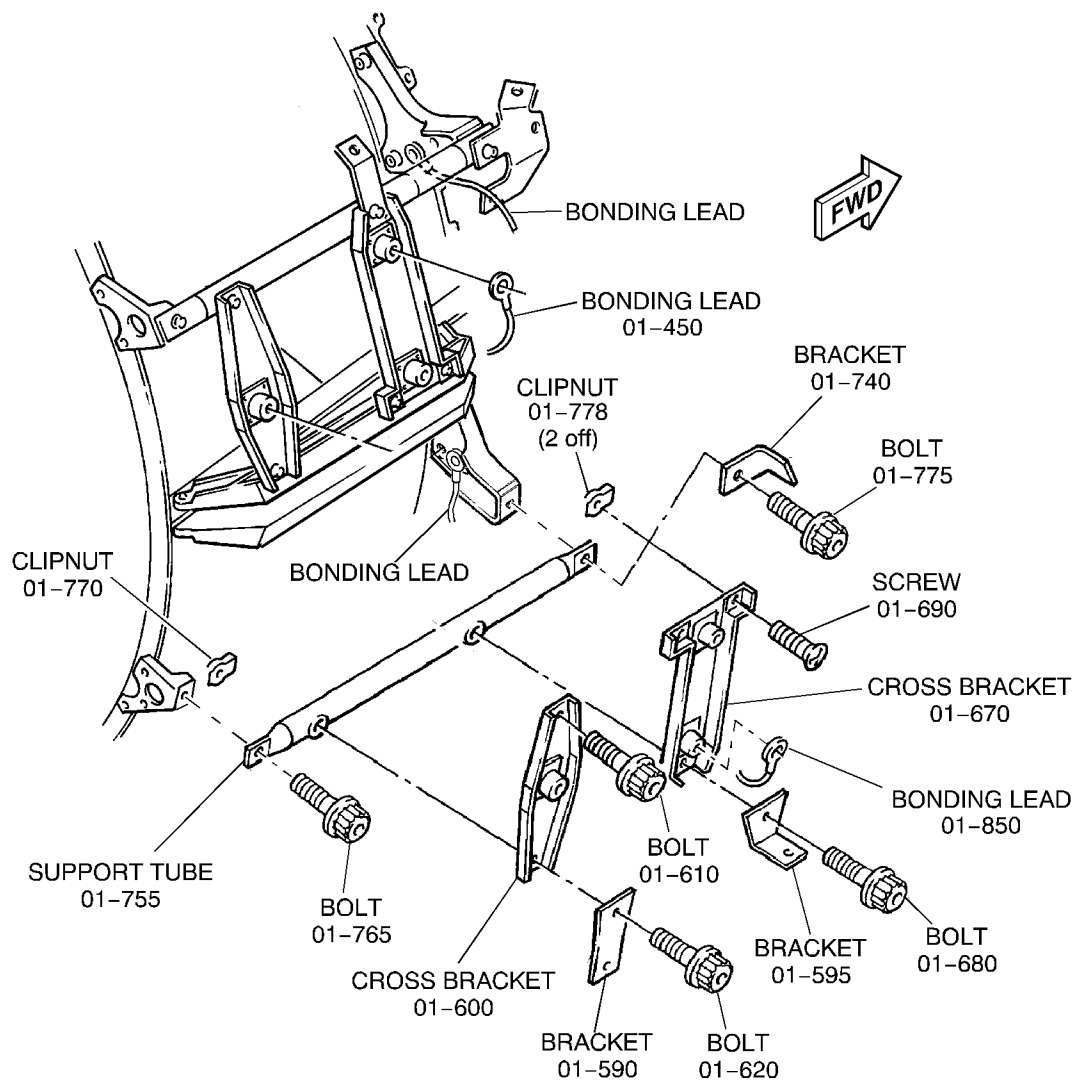
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Pre SBE 74-0002 and 74-0003: Remove the ignition exciters (core)
Figure 2



All IPC Fig/Item numbers are 74-21-43 unless identified differently

Pre SBE 74-0002 and 74-0003: Remove the ignition exciters (core)
Figure 3



All EIPC Fig/Item numbers are
74-11-38

Remove the ignition exciter cross brackets and the support tubes (core)
Figure 4

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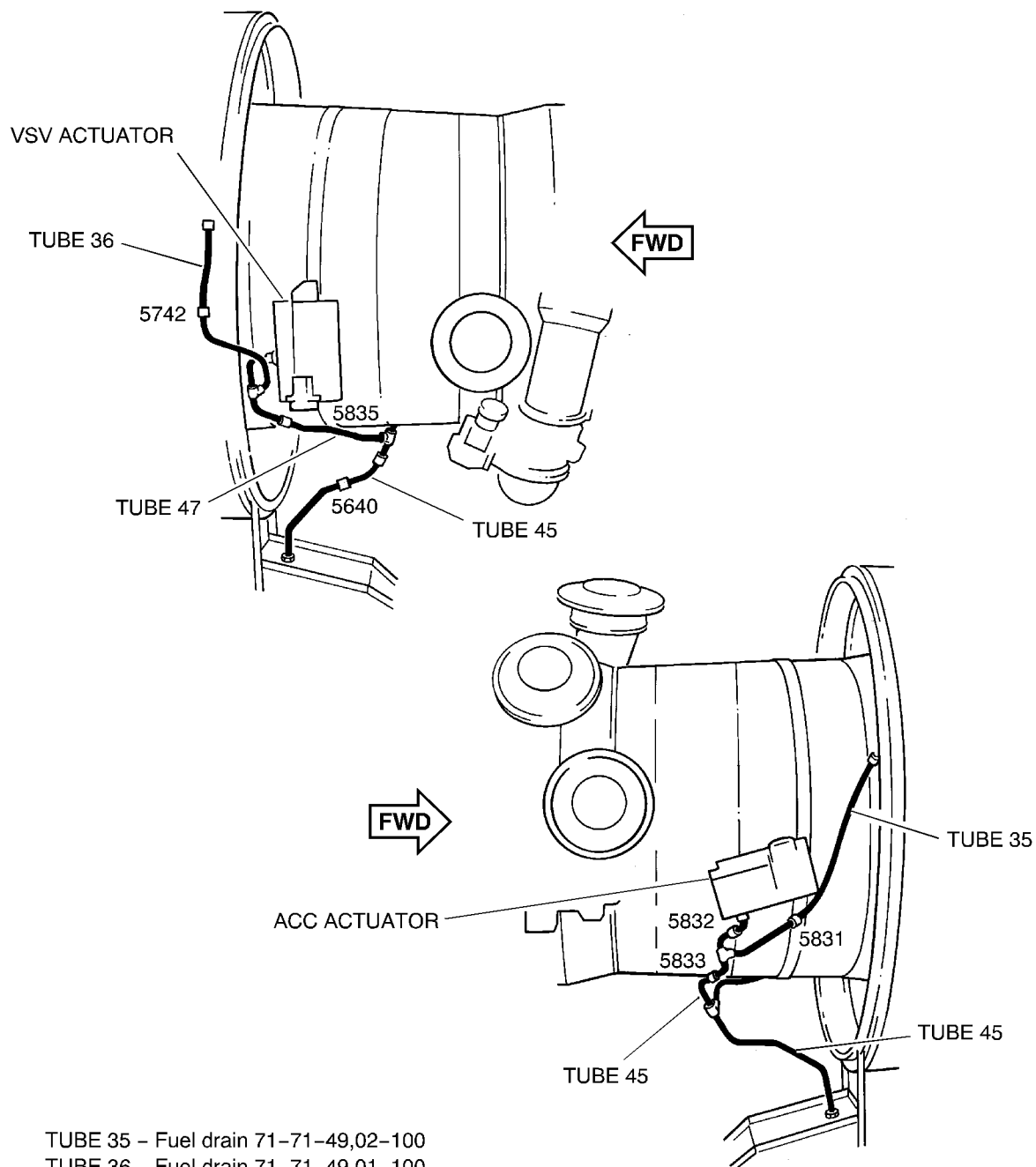
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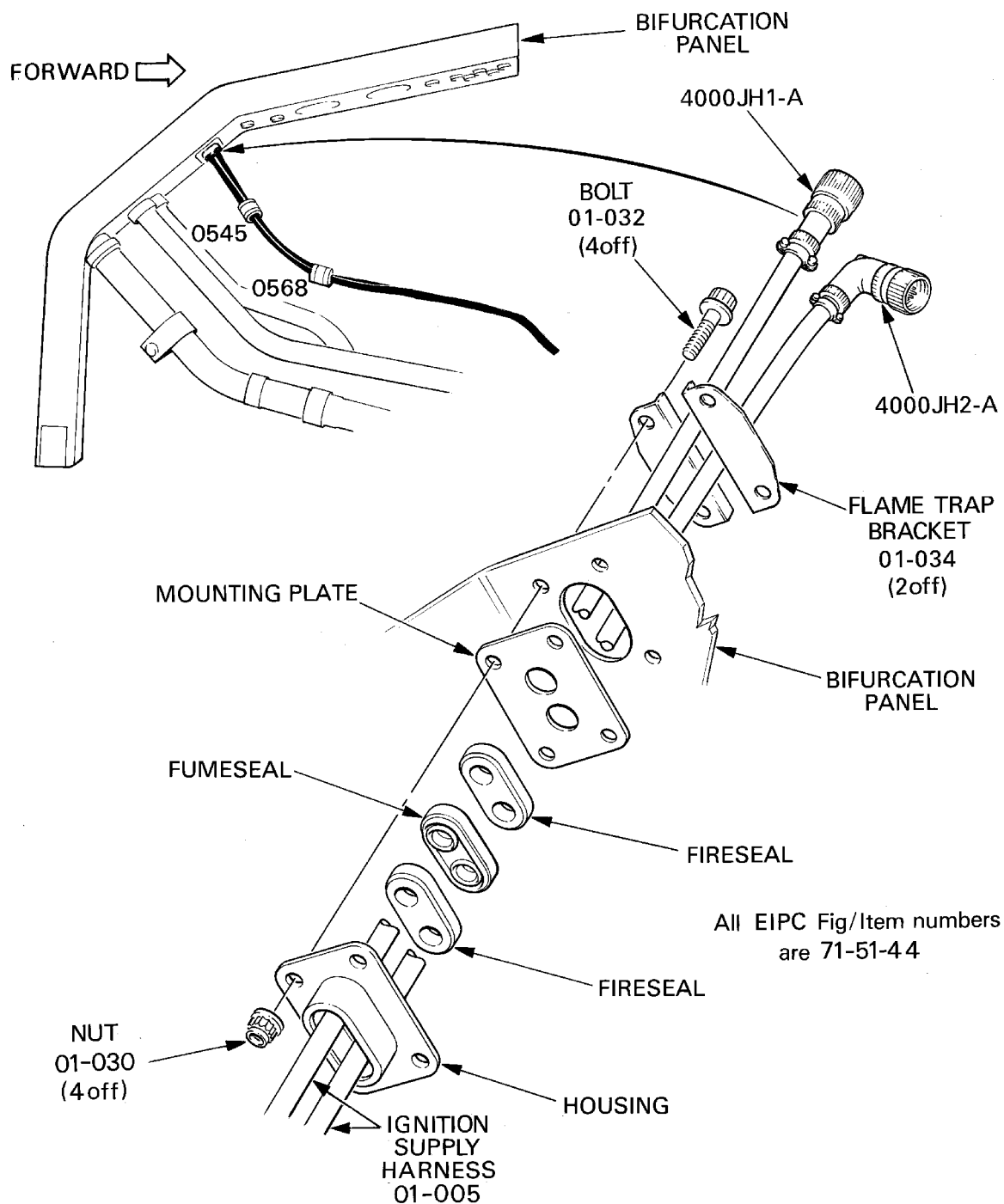
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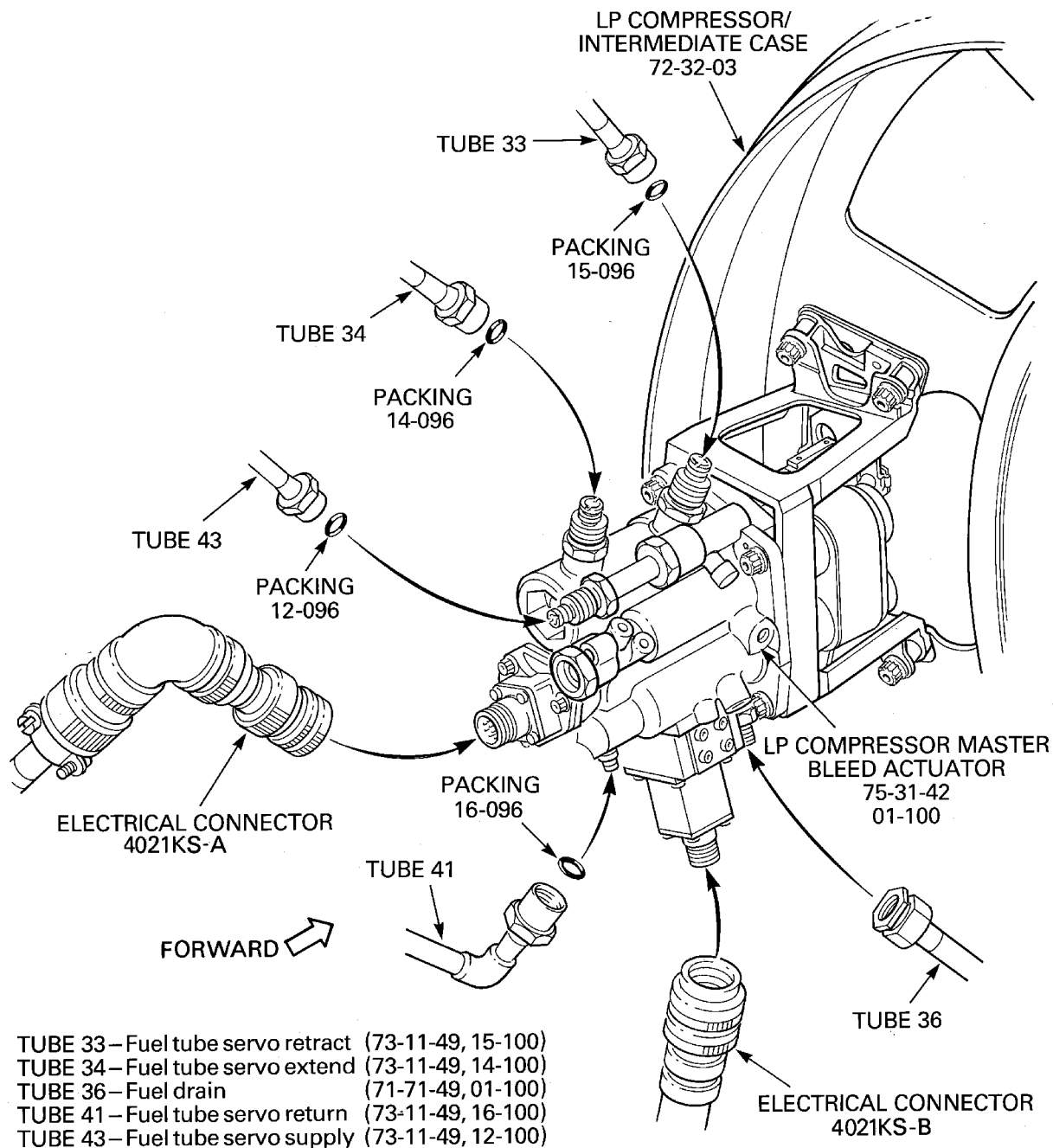
TUBE 35 – Fuel drain 71-71-49,02-100
 TUBE 36 – Fuel drain 71-71-49,01-100
 TUBE 45 – Fuel drain 71-71-49,02-500
 TUBE 47 – Fuel drain 71-71-49,01-500

Remove the fuel drain tubes (core)
 Figure 5



12926B

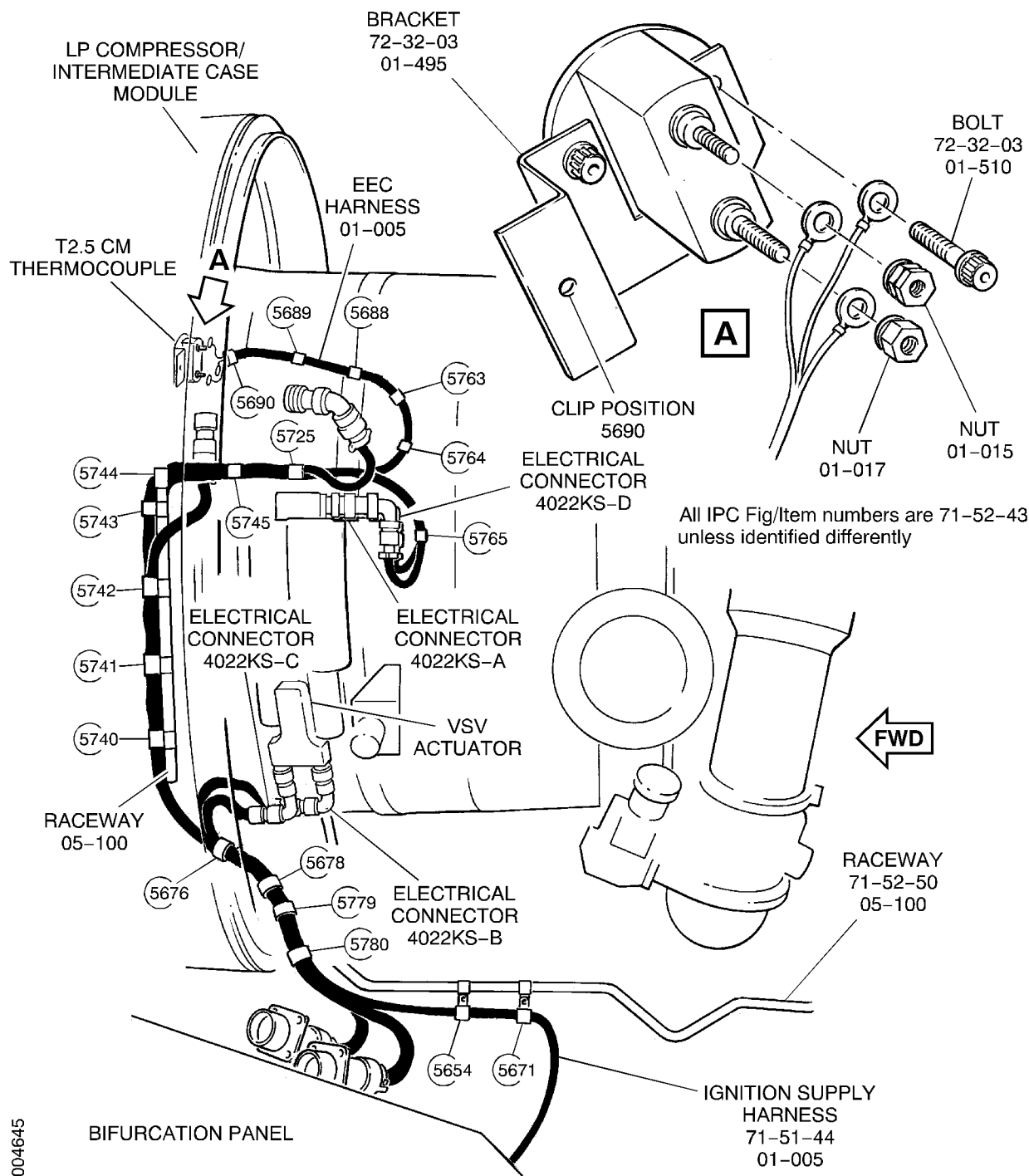
Remove the ignition supply harness (core)
Figure 6



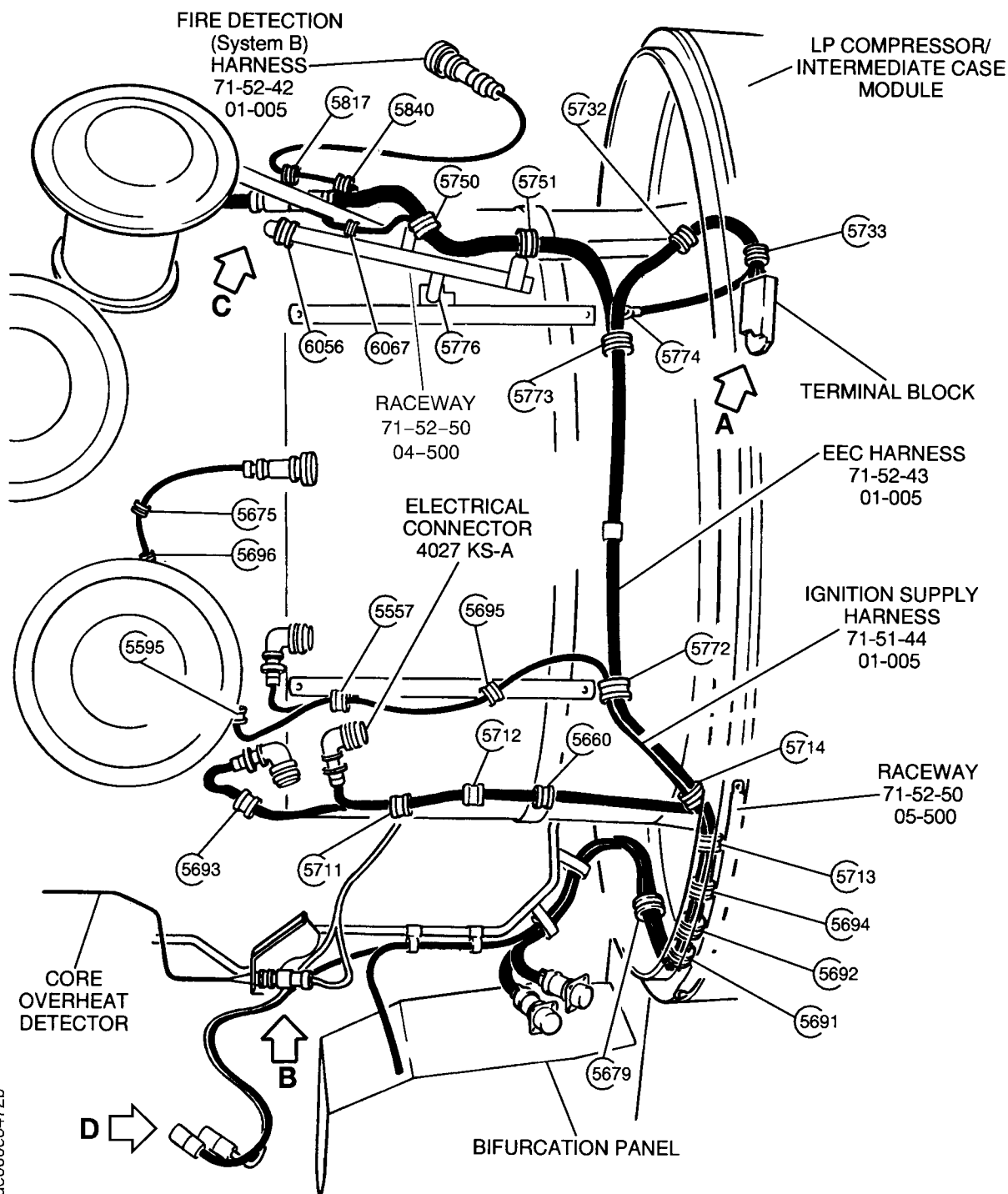
All IIPC Fig/item numbers are 73-11-49 unless identified differently

12981A

Disconnect the electrical connectors from the LP compressor bleed actuators (core)
Figure 7



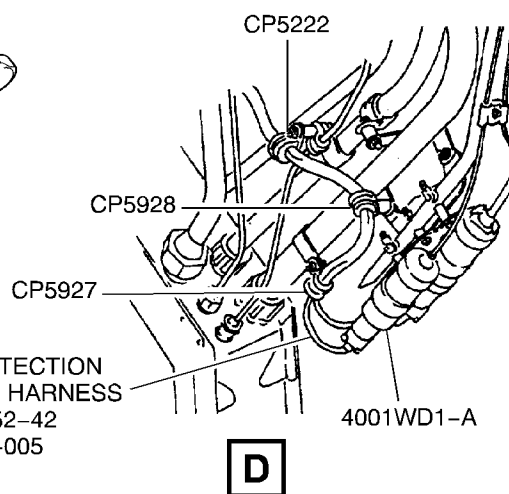
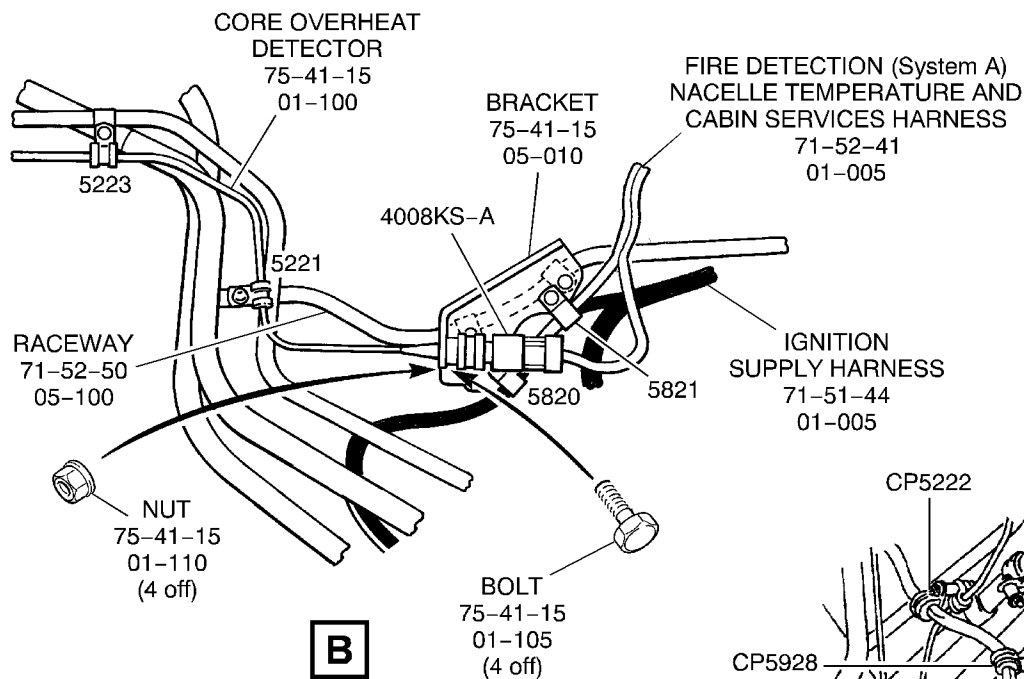
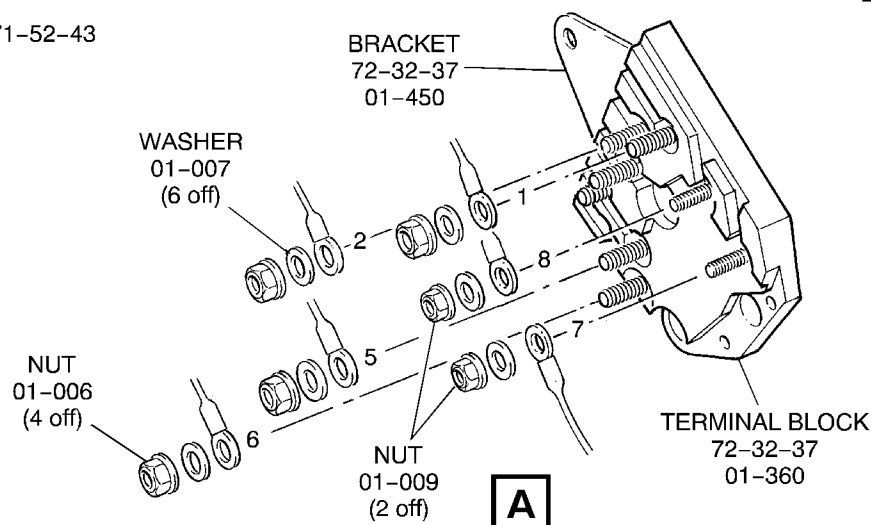
Remove the electrical harnesses (core)
Figure 8



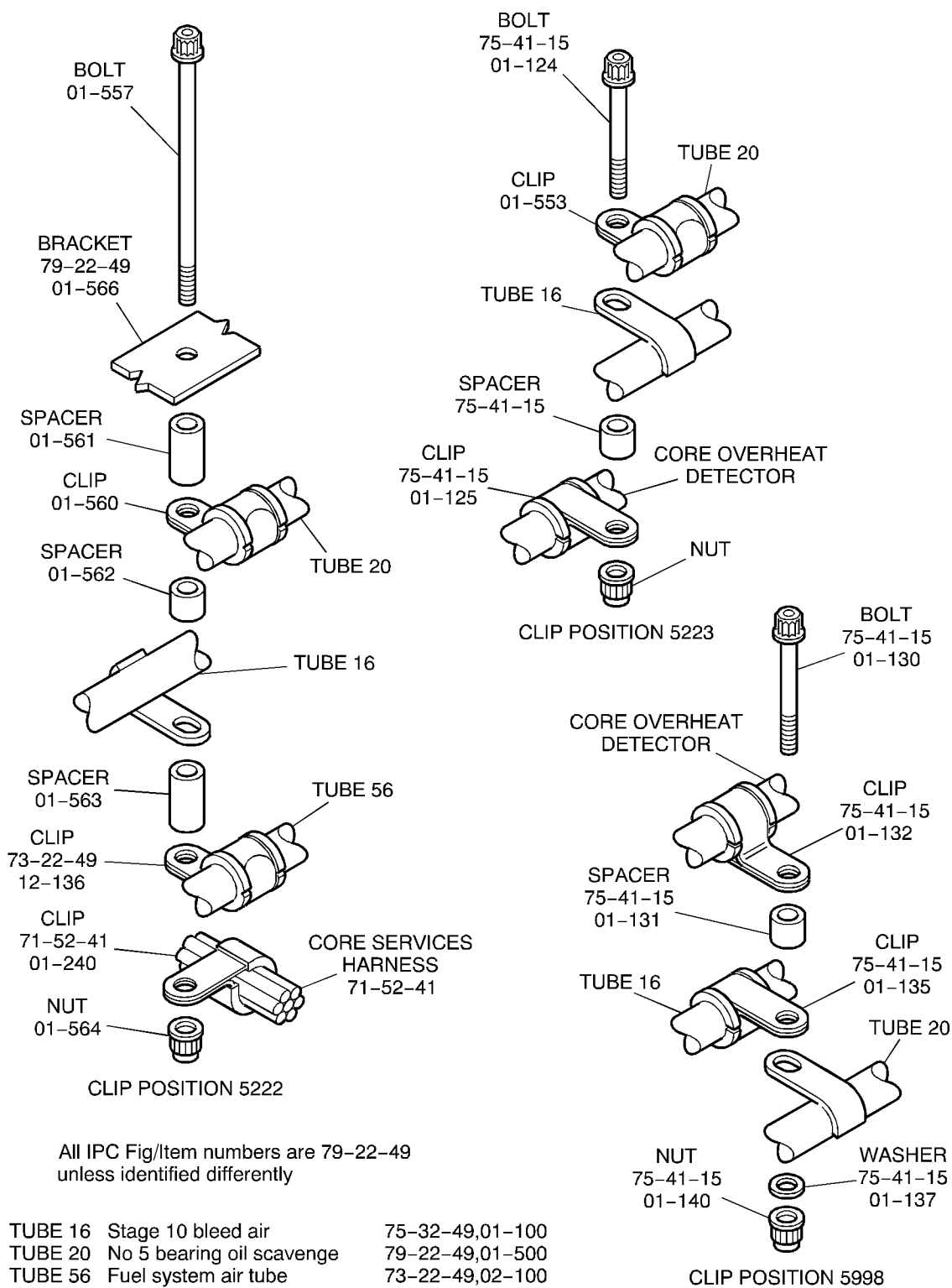
Remove the electrical harnesses (core)
Figure 9



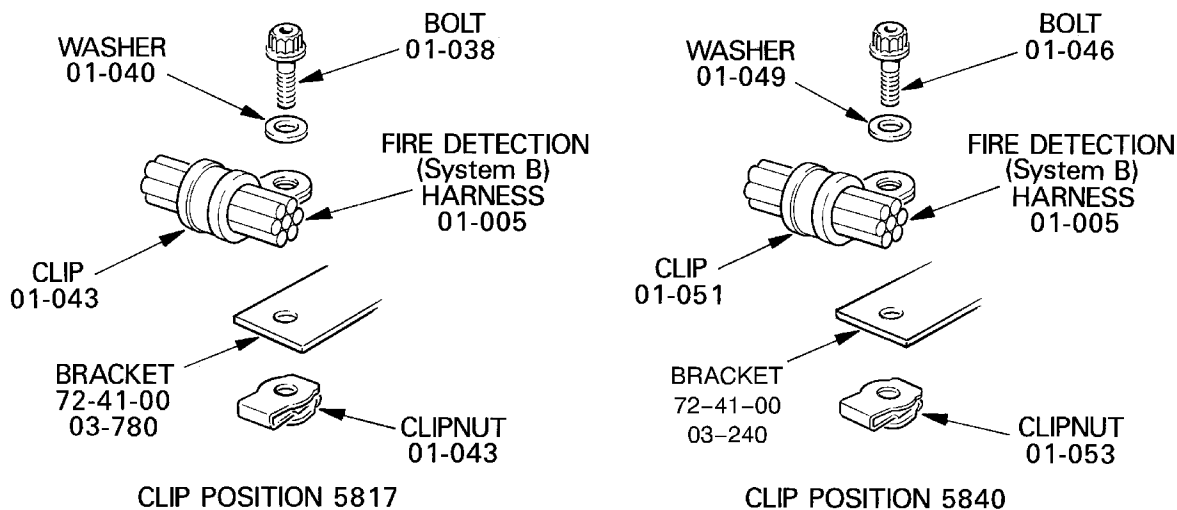
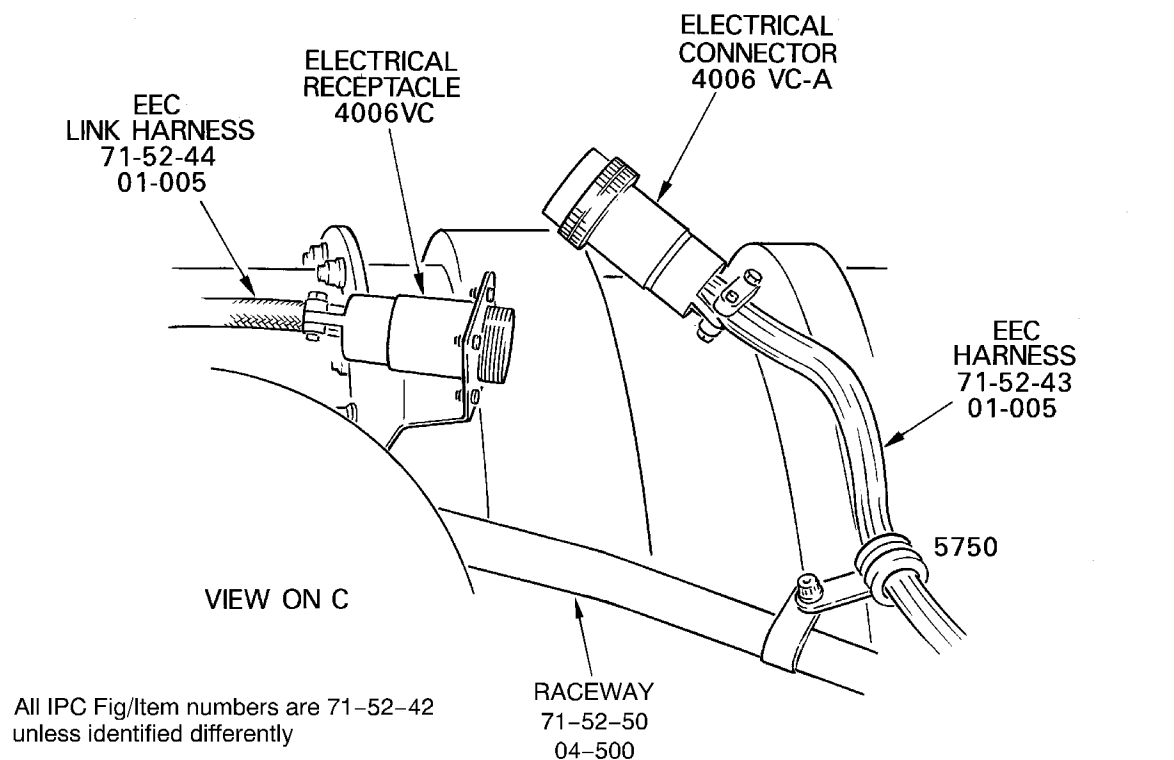
All IPC Fig/Item numbers are 71-52-43 unless identified differently



Remove the electrical harnesses (core)
Figure 10



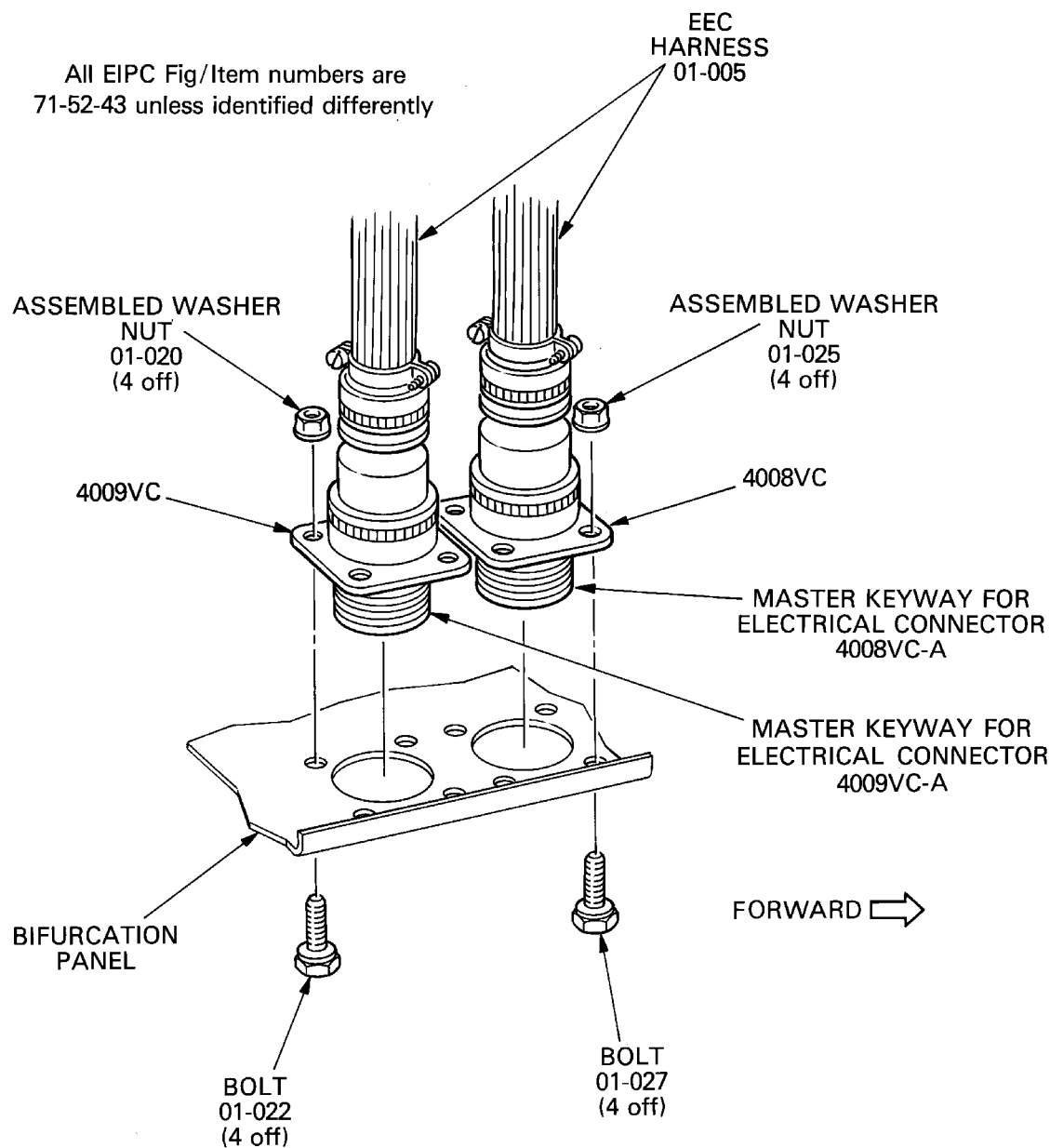
Remove the electrical harnesses (core)
Figure 11



de00017310a

Remove the electrical harnesses (core)
Figure 12

All EIPC Fig/Item numbers are
71-52-43 unless identified differently



17014A

Remove the electrical harnesses (core)
Figure 13

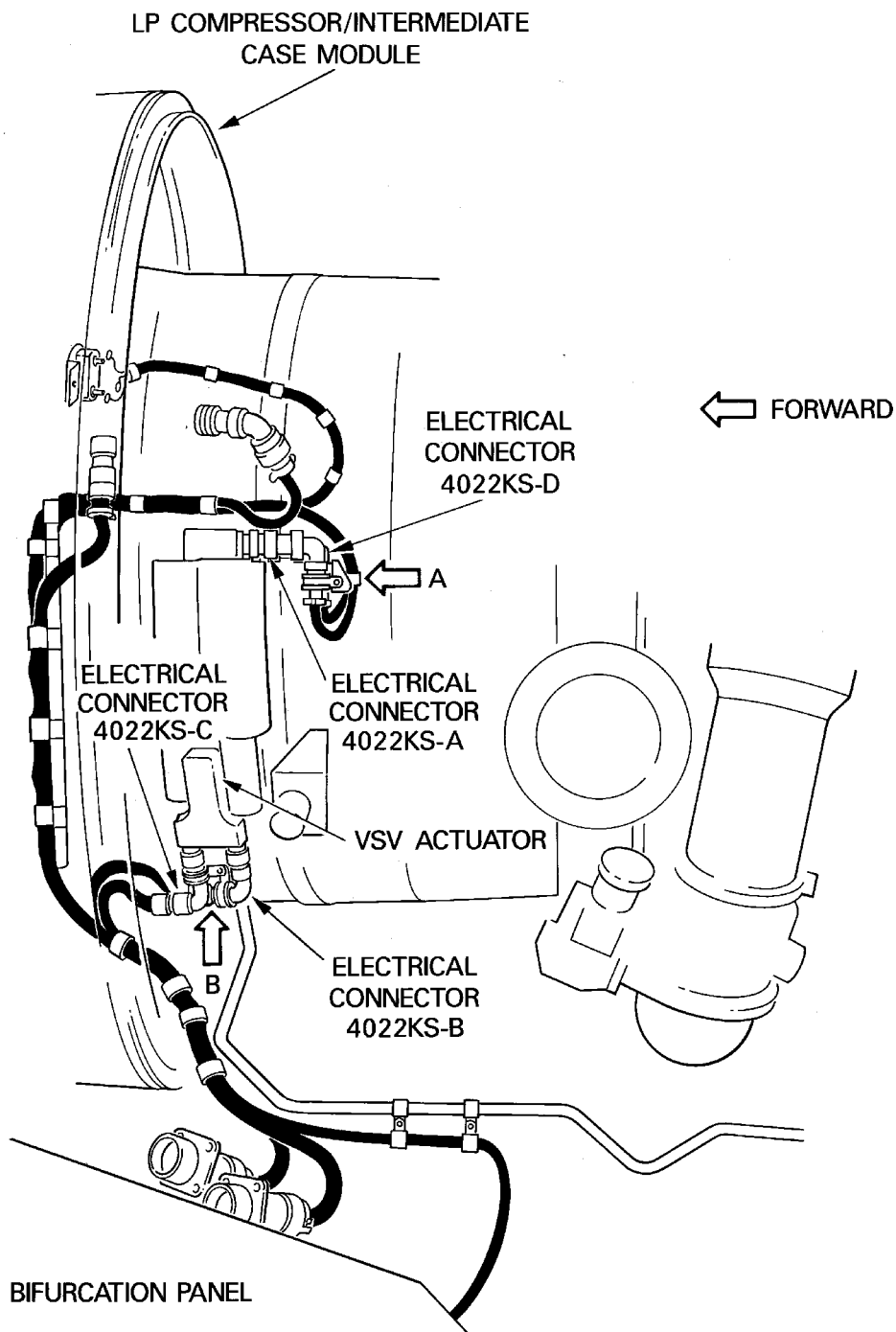
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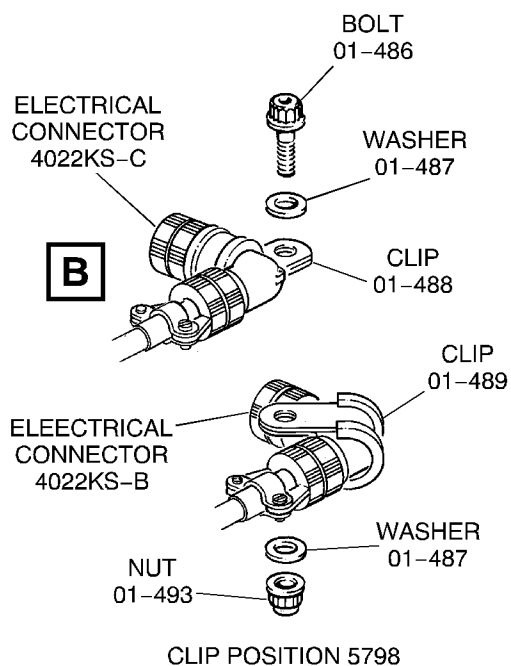
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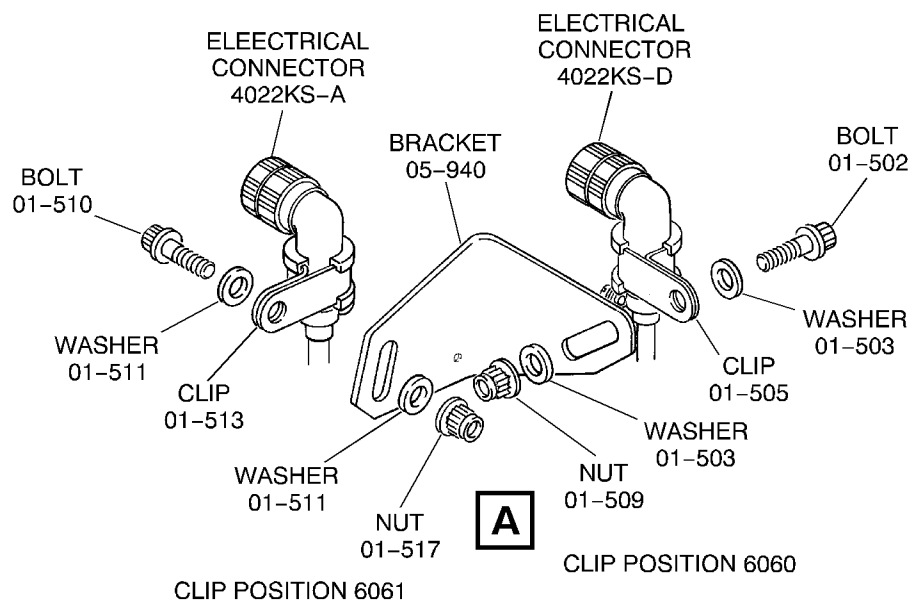


B3137

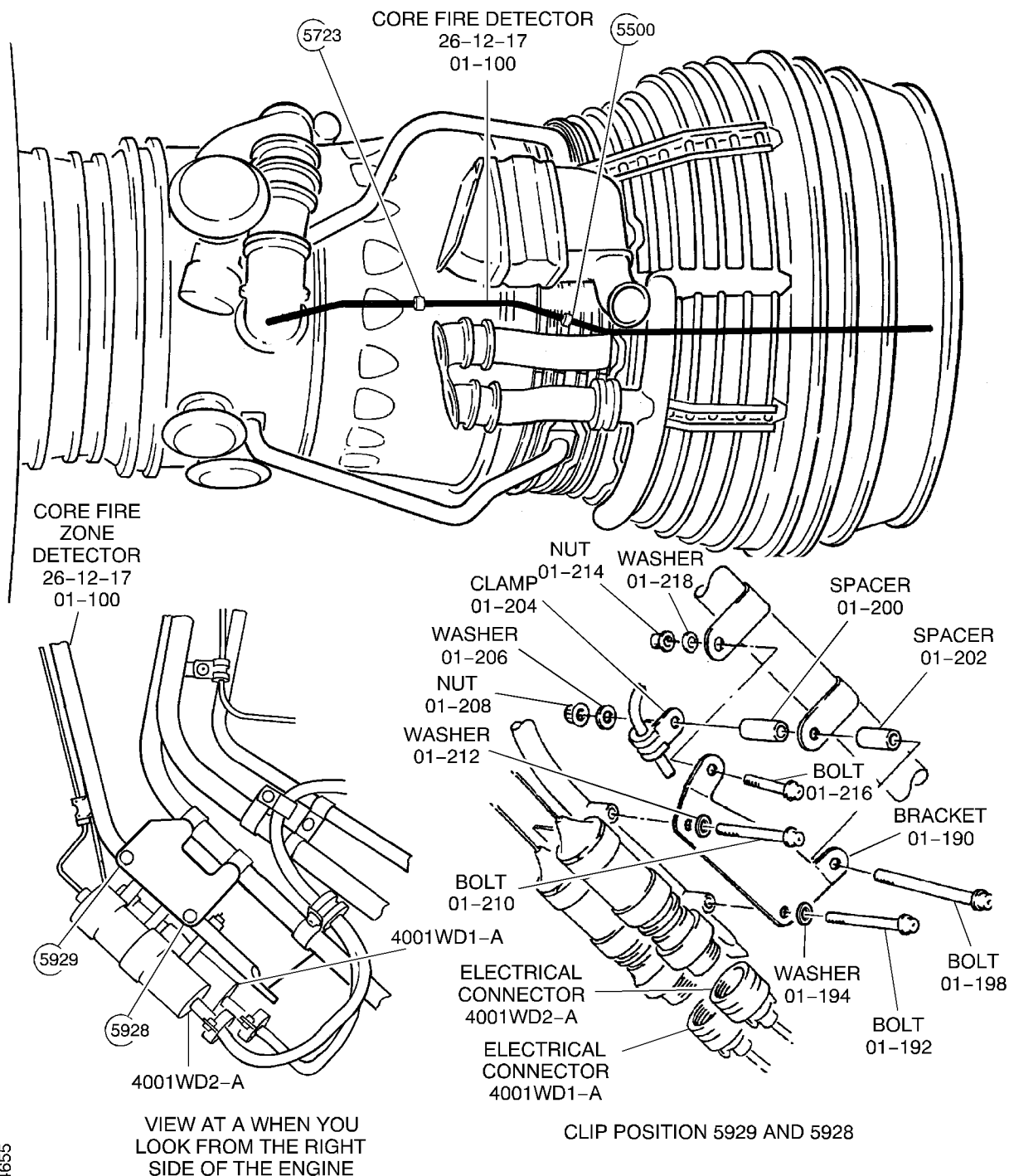
Remove the electrical harnesses (core)
Figure 14



All IPC Fig/Item numbers are 71-52-43



Remove the electrical harnesses (core)
Figure 15



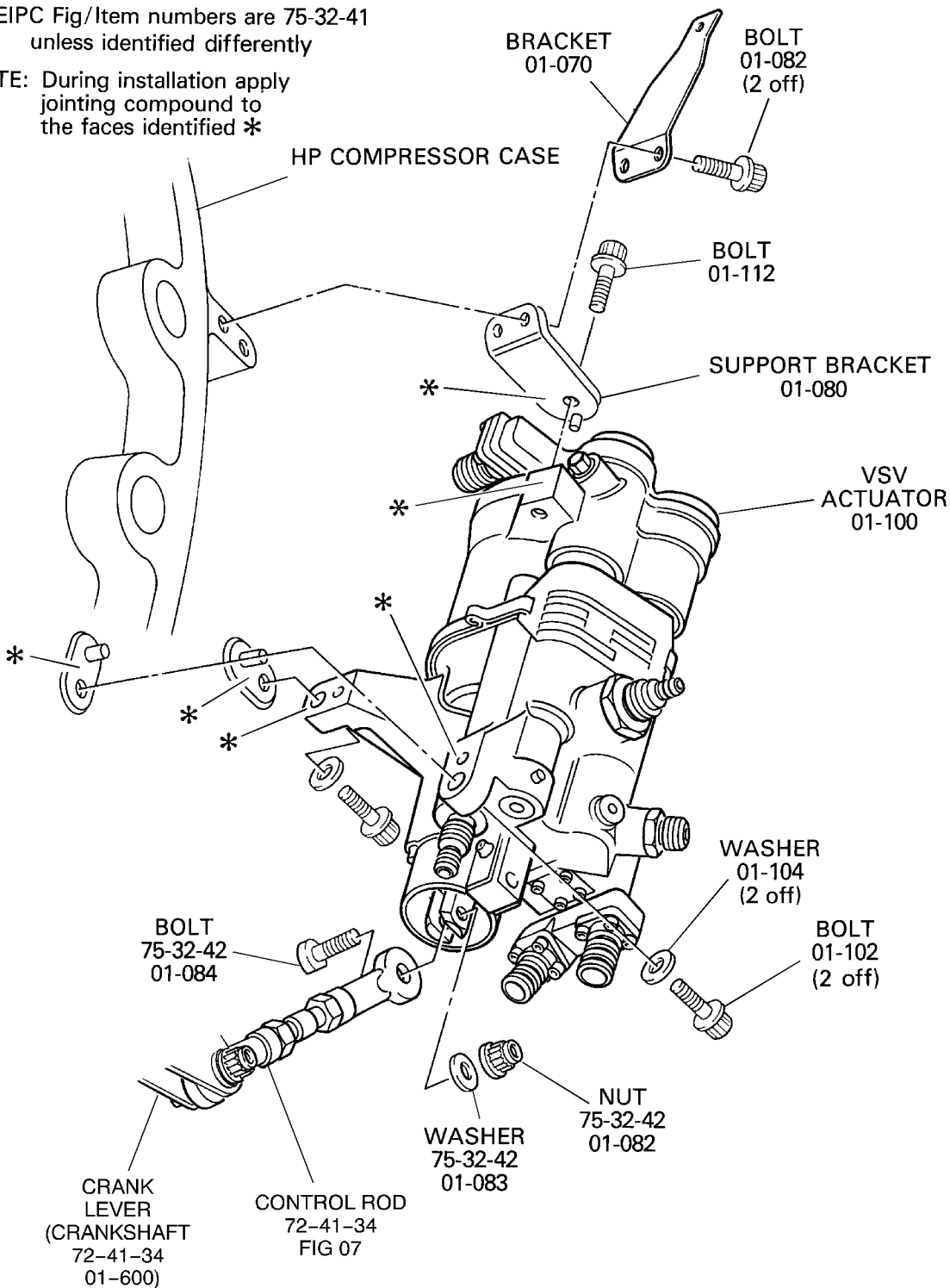
All IPC Fig/Item numbers are 26-12-17 unless identified differently

Remove the core zone fire detector (core) - clip position 5723
Figure 16

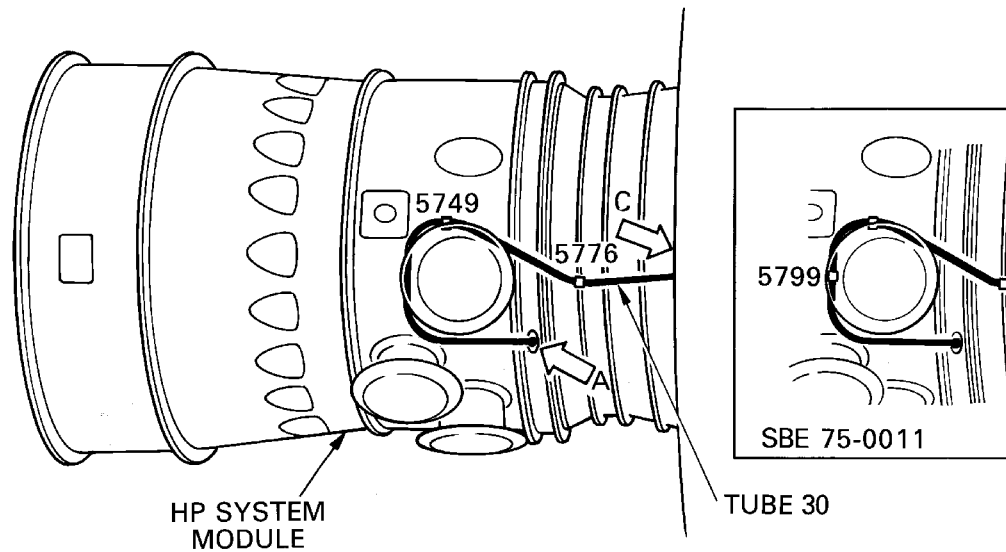


All EIPC Fig/Item numbers are 75-32-41
unless identified differently

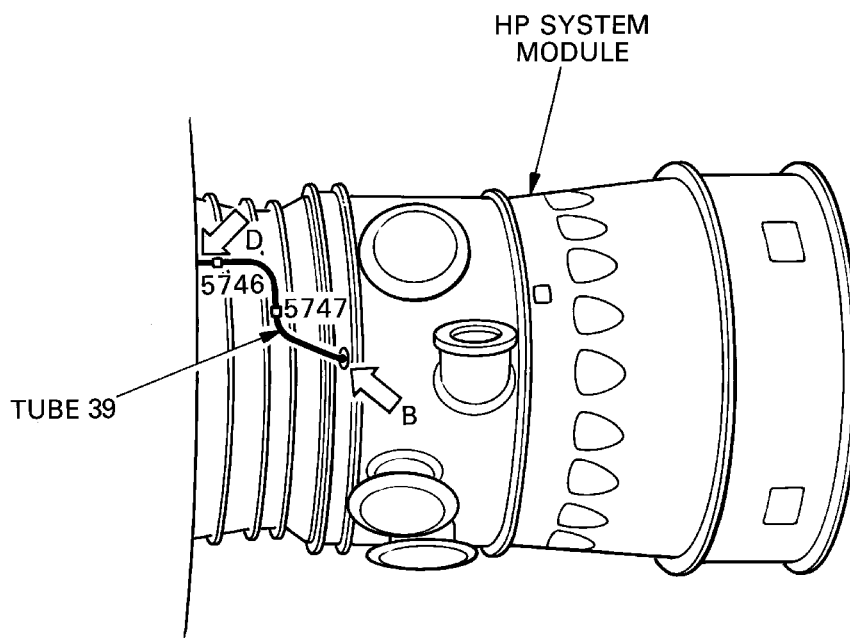
NOTE: During installation apply
jointing compound to
the faces identified *



Remove the VSV actuator (core)
Figure 17



TUBE 30 – Front bearing buffer air tube 75-22-49, 11-100
TUBE 39 – Front bearing buffer air tube 75-22-49, 13-100



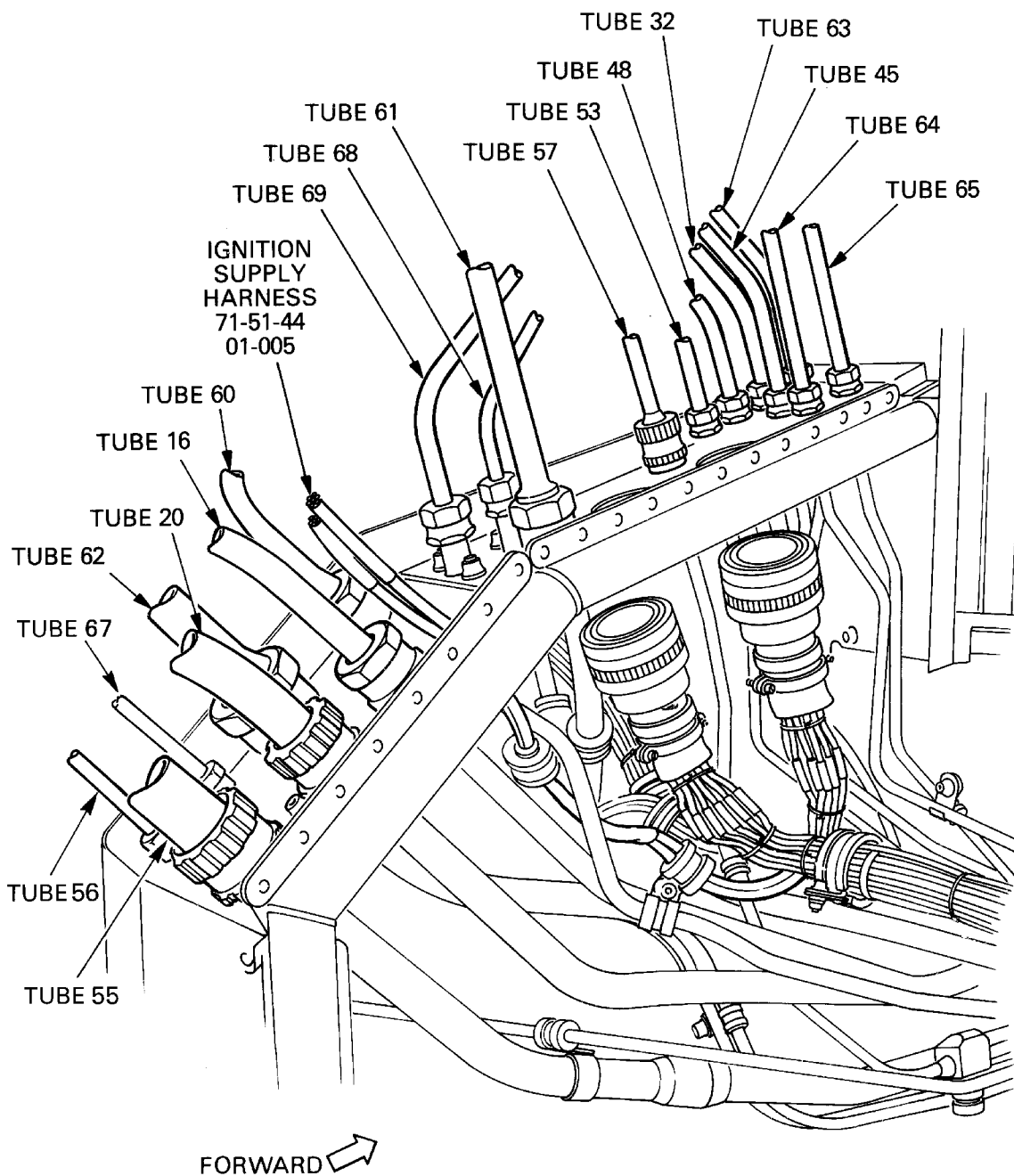
17011B

Remove the VSV actuator (core)
Figure 18



TUBE 16 - Stage 10 bleed air (75-32-49,01-100)
TUBE 20 - No.5 bearing oil scavenge (79-22-49,01-500)
TUBE 32 - Stage 7 bleed air (75-32-49,16-100)
TUBE 45 - Fuel drain (71-71-49,02-500)
TUBE 48 - Cabin air bleed (36-11-47,01-100)
TUBE 53 - PS3 sense air (73-22-49,05-500)
TUBE 55 - No.4 bearing oil scavenge (79-22-49,03-100)
TUBE 56 - P4.9 pressure rake air (73-22-49,02-100)
TUBE 57 - Bearing oil feed (79-21-49,10-100)
TUBE 60 - Fuel servo (73-11-49,11-100)
TUBE 61 - Fuel servo (73-11-49,19-500)
TUBE 62 - Fuel supply (73-11-49,09-100)
TUBE 63 - Stage 7 bleed air (75-32-49,13-100)
TUBE 64 - Stage 10 bleed air (75-32-49,14-100)
TUBE 65 - Stage 7 bleed air (75-32-49,15-100)
TUBE 67 - P2.5 pressure air (73-22-49,09-500)
TUBE 68 - Stage 10 ON/OFF solenoid (75-23-48,03-100)
TUBE 69 - No.4 bearing scavenge valve (75-22-49,05-500)

Disconnect the tubes at the bifurcation panel (core)
Figure 19



de00017250a

Disconnect the tubes at the bifurcation panel (core)
Figure 20

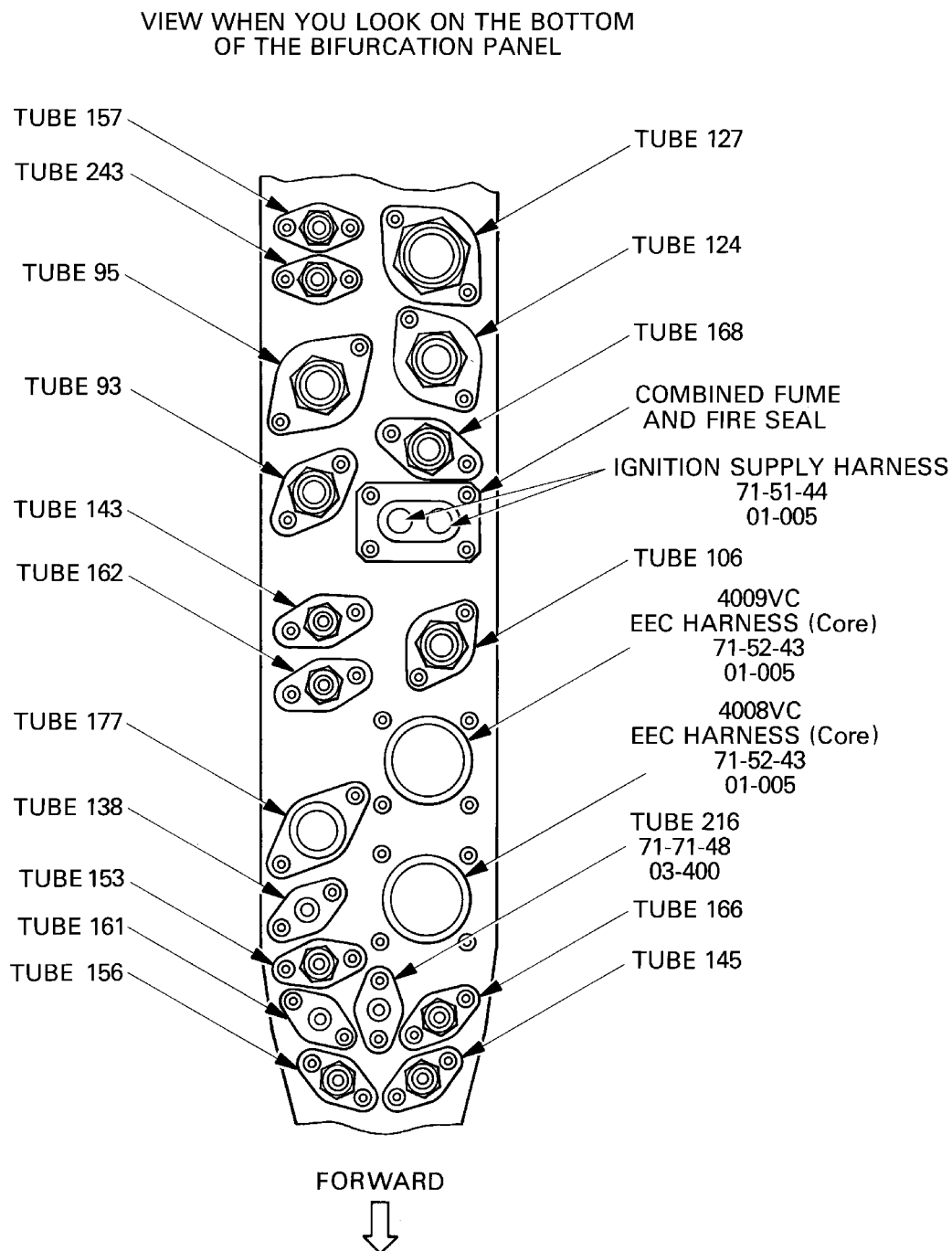
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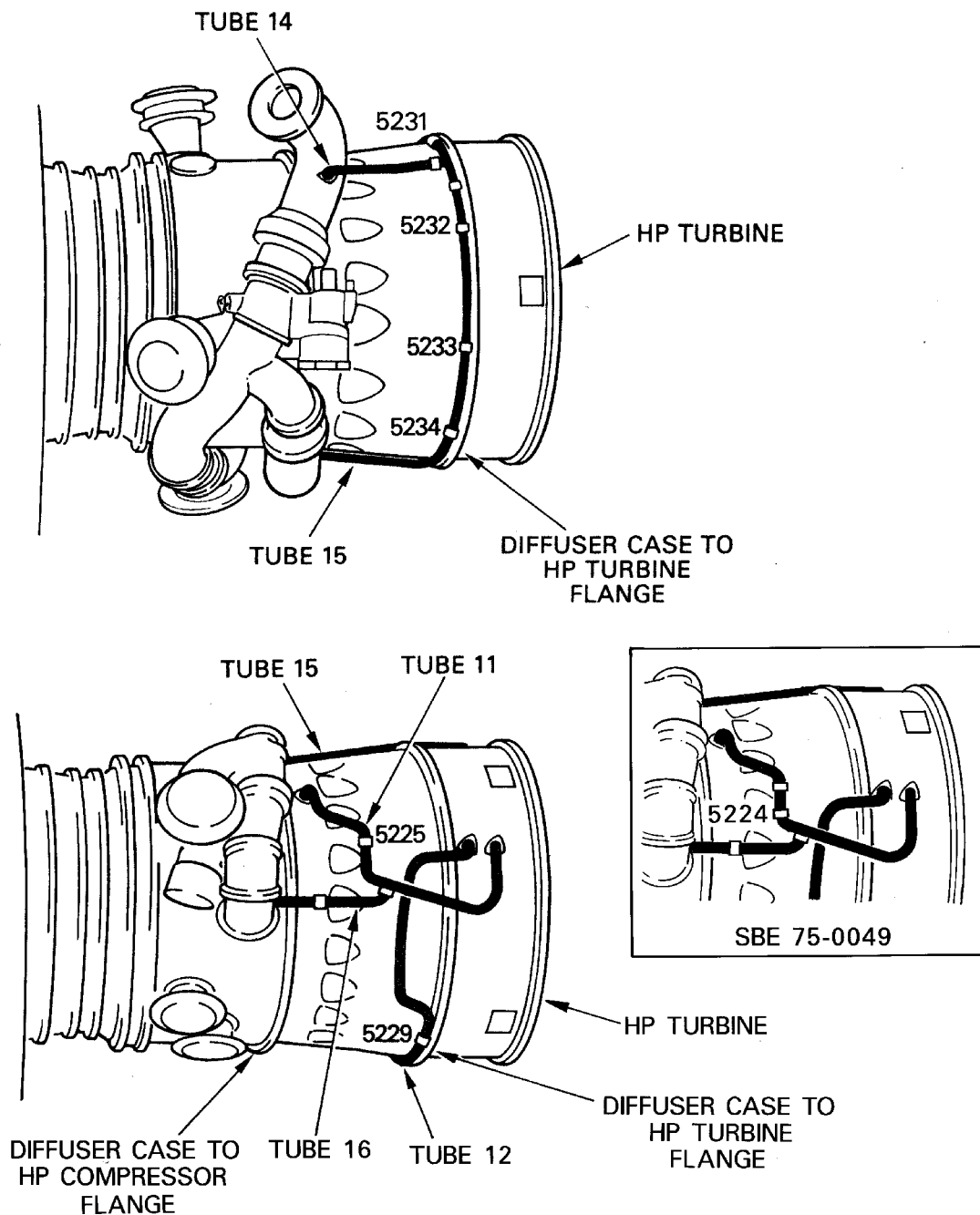
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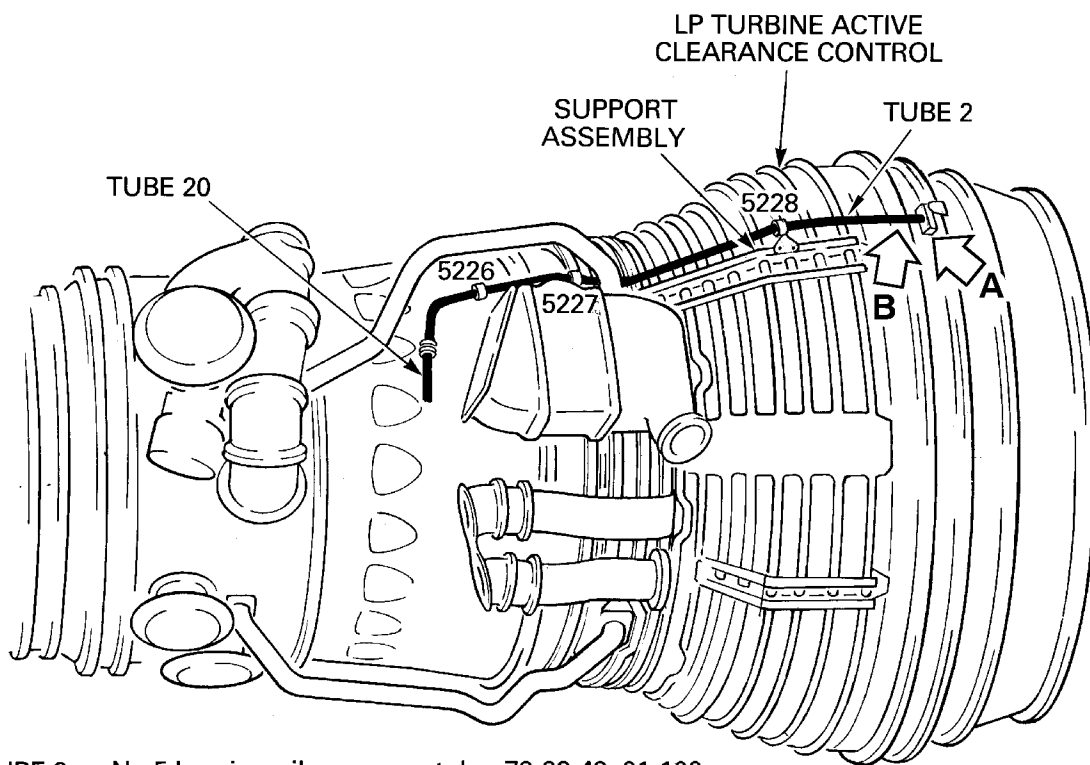
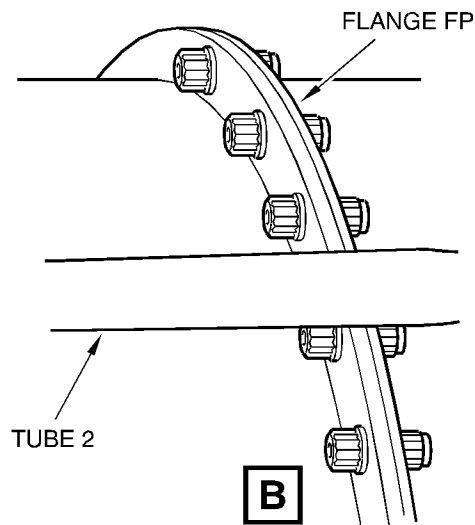
17120

Disconnect the tubes at the bifurcation panel (core)
View showing fancase side tubes connected to panel
Figure 21



E3425

Remove the cold buffer air tube 57 (core)
Clip position 5224 and 5225
Figure 22



TUBE 2 – No 5 bearing oil scavenge tube, 79-22-49, 01-100
TUBE 20 – No 5 bearing oil scavenge tube, 79-22-49, 01-500

Remove tube 20 (core)
Figure 23

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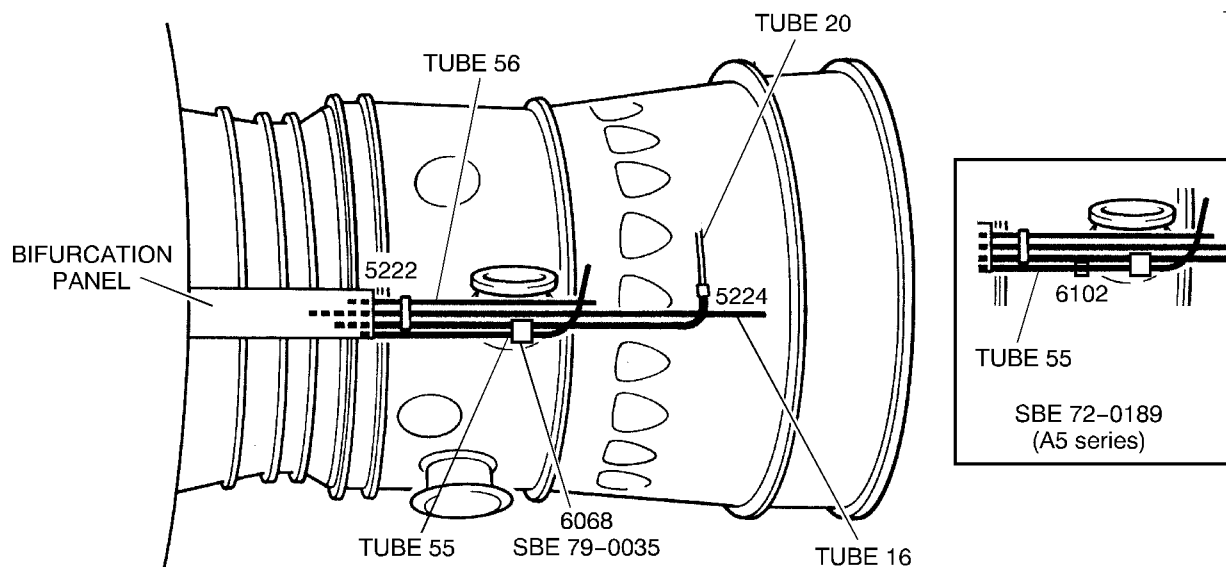
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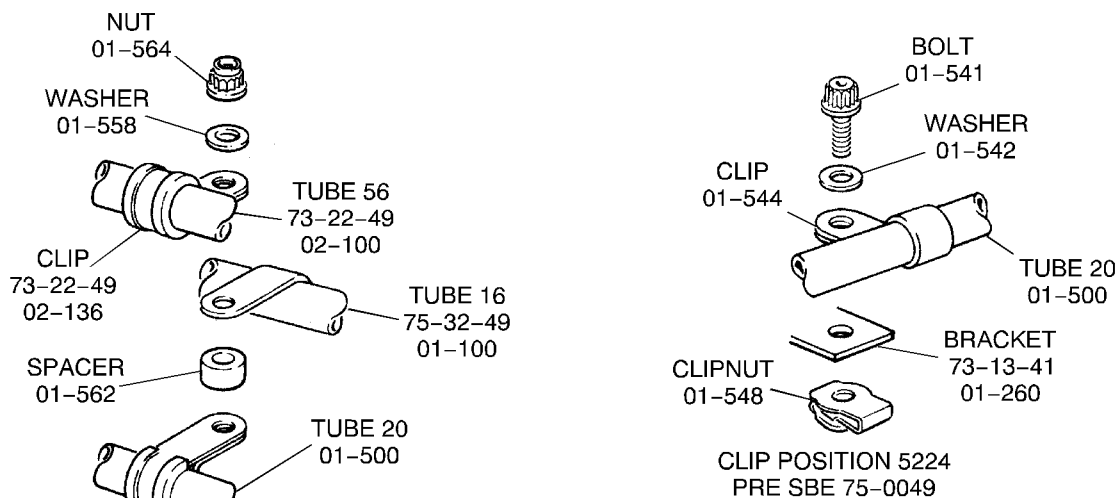
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de00012516b



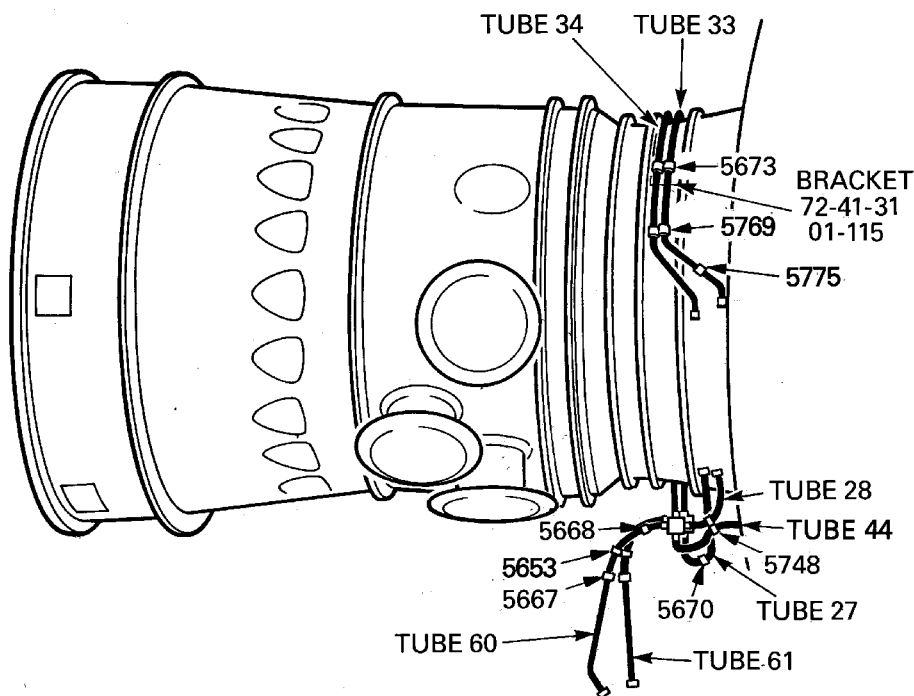
All IPC Fig/Item numbers are 79-22-49 unless identified differently



TUBE 16 - HP compressor bleed valve air tube 75-32-49, 01-100
TUBE 20 - No 5 bearing scavenge oil tube 79-22-49, 01-500
TUBE 55 - No 4 bearing scavenge oil tube 79-22-49, 03-100
TUBE 56 - Air to P4.9 EEC tube 73-22-49, 02-100

dee0006232

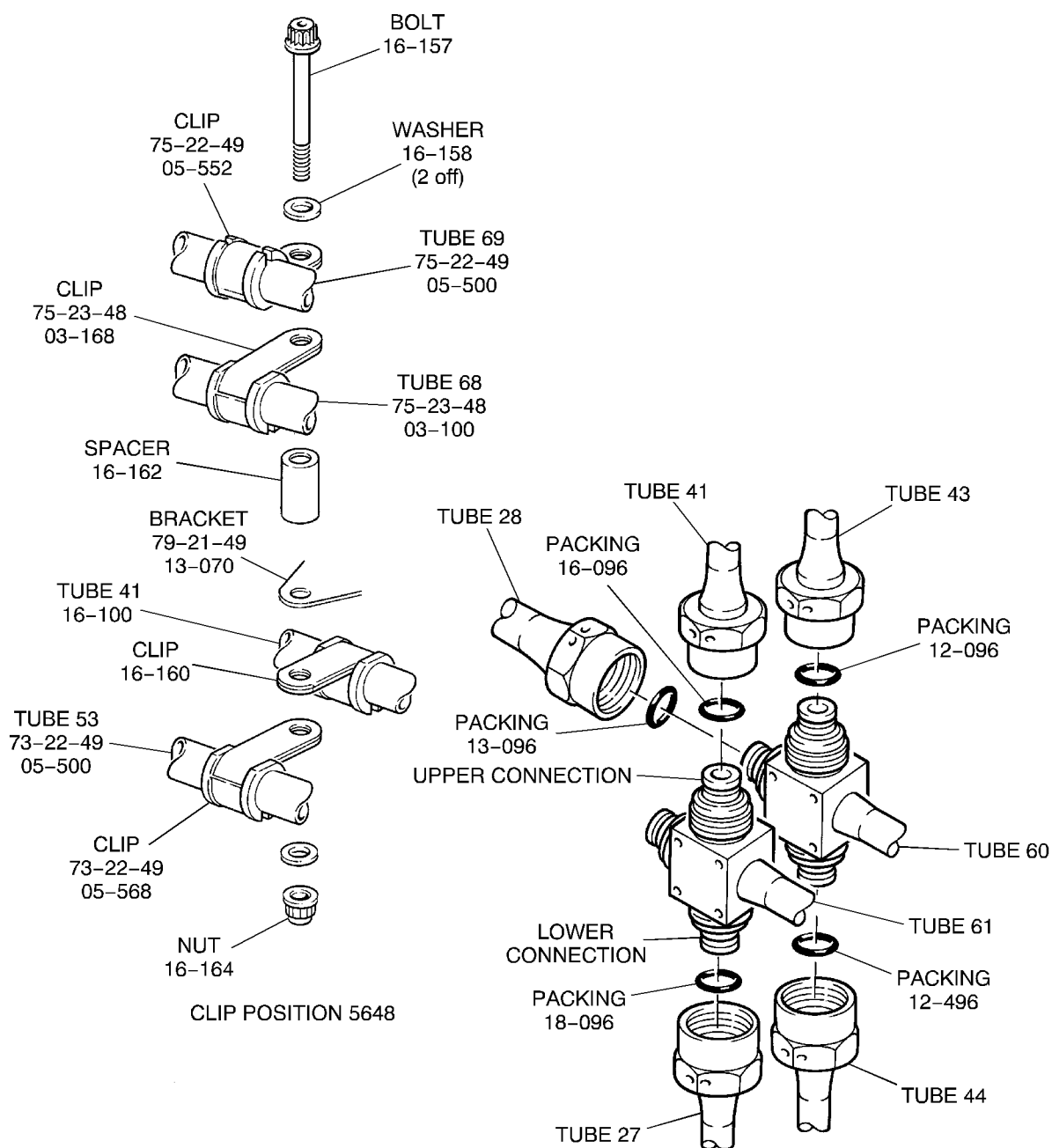
Remove tube 20 and 55 (core)
Figure 24



TUBE 27-HP servo (retract) fuel tube 73-11-49, 18-100
TUBE 28-HP servo (extend) fuel tube 73-11-49, 13-100
TUBE 33-HP servo (retract) fuel tube 73-11-49, 15-100
TUBE 34-HP servo (extend) fuel tube 73-11-49, 14-100
TUBE 41-HP servo (retract) fuel tube 73-11-49, 16-100
TUBE 43-HP servo (extend) fuel tube 73-11-49, 12-100
TUBE 44-HP servo (extend) fuel tube 73-11-49, 12-500
TUBE 60-HP servo (extend) fuel tube 73-11-49, 11-100
TUBE 61-HP servo (retract) fuel tube 73-11-49, 19-500

17000 A

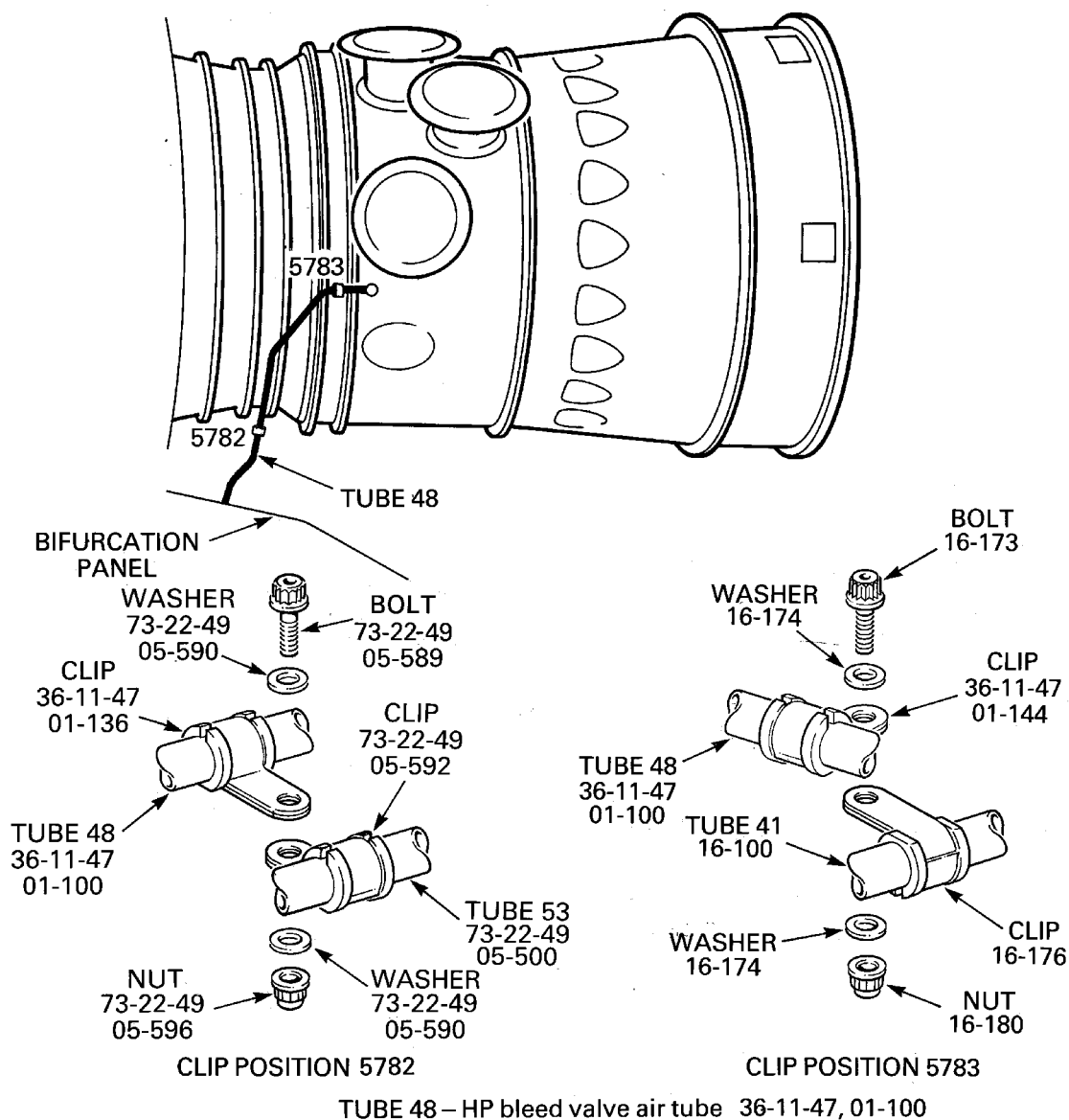
Remove the HP servo fuel tubes (core)
Clip positions 5653, 5667, 5668 and 5748
Figure 25



All IPC Fig/Item numbers 73-11-49
unless identified differently

VIEW ON A
WHEN YOU LOOK FROM THE
LEFT SIDE OF THE ENGINE

Remove the HP servo fuel tubes (core)
Figure 26



All EIPC Fig/Item numbers are 73-11-49 unless identified differently

17013A

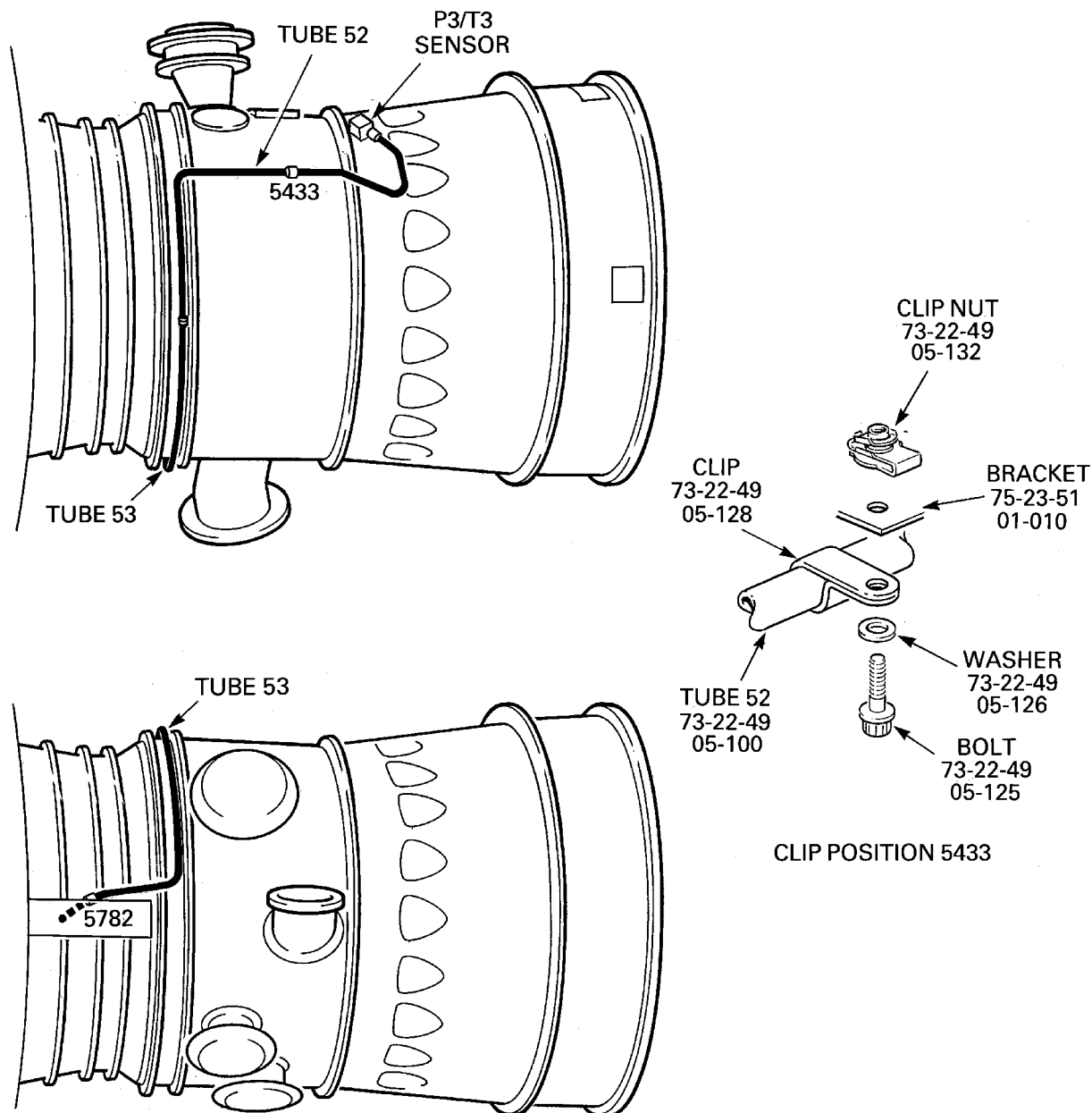
Remove the tube 48 (core)
Figure 27

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TUBE 52-PS3 sense line air tube 73-22-49,05-100
TUBE 53-PS3 sense line air tube 73-22-49,05-500

16991 B

Remove the tube 53 (core)
Figure 28

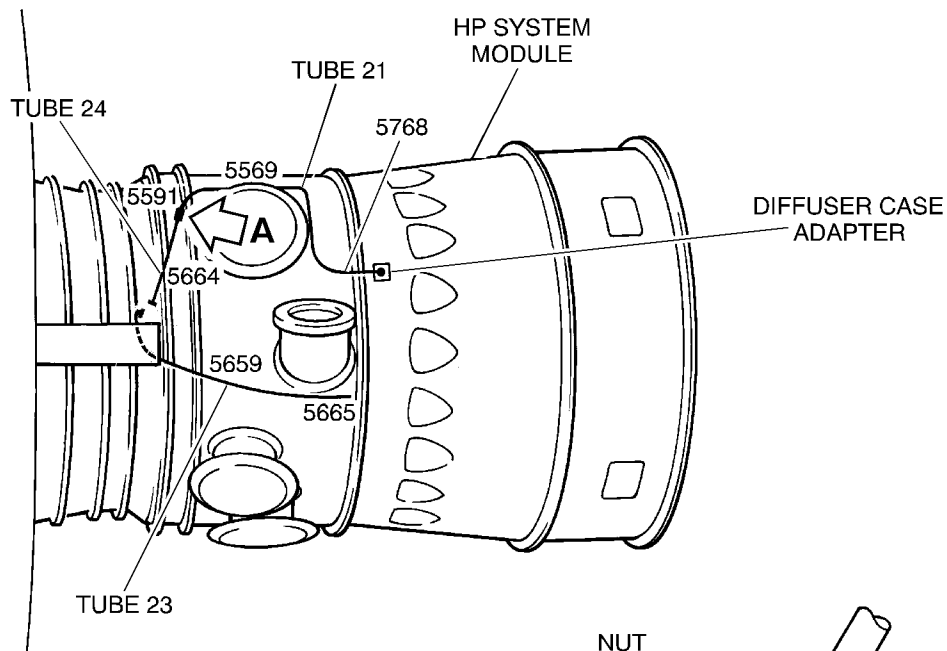
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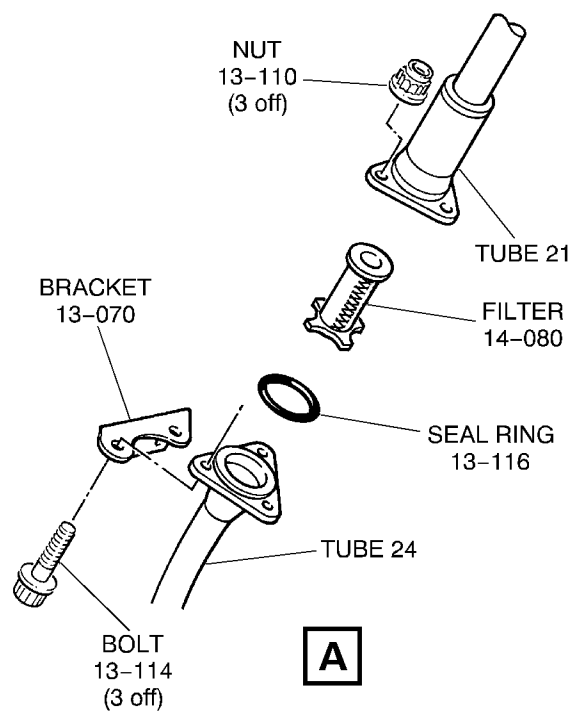
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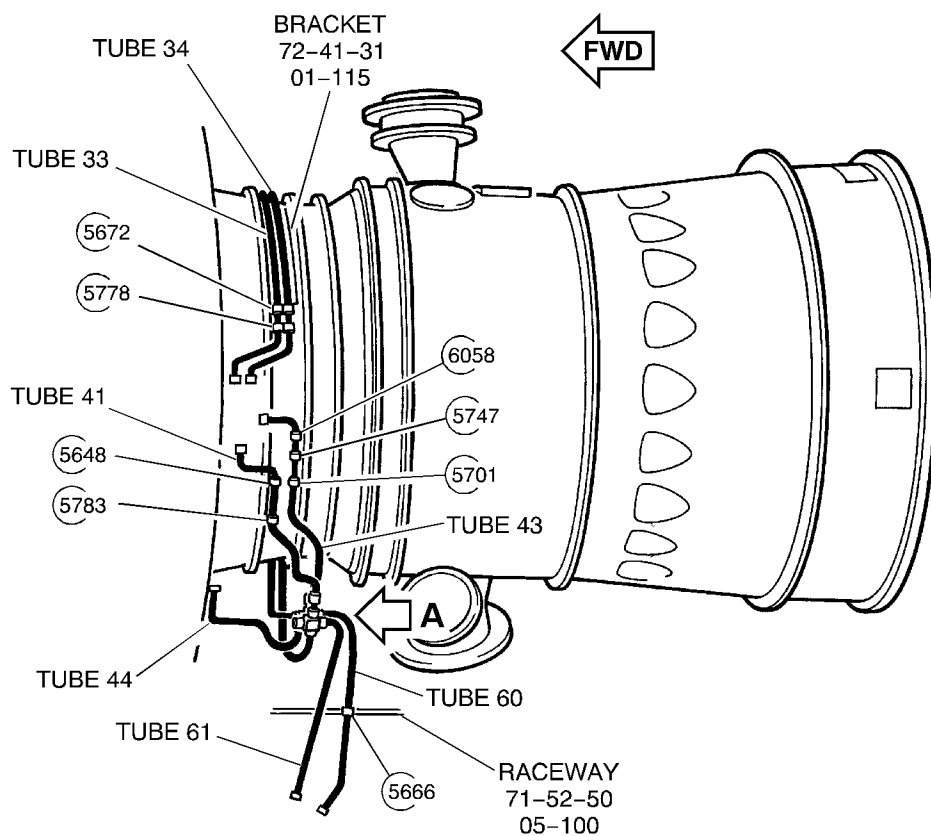


TUBE 21 – No. 4 bearing oil feed tube 14-100
TUBE 23 – No. 5 bearing oil feed tube 12-100
TUBE 24 – No. 4 bearing oil feed tube 13-100

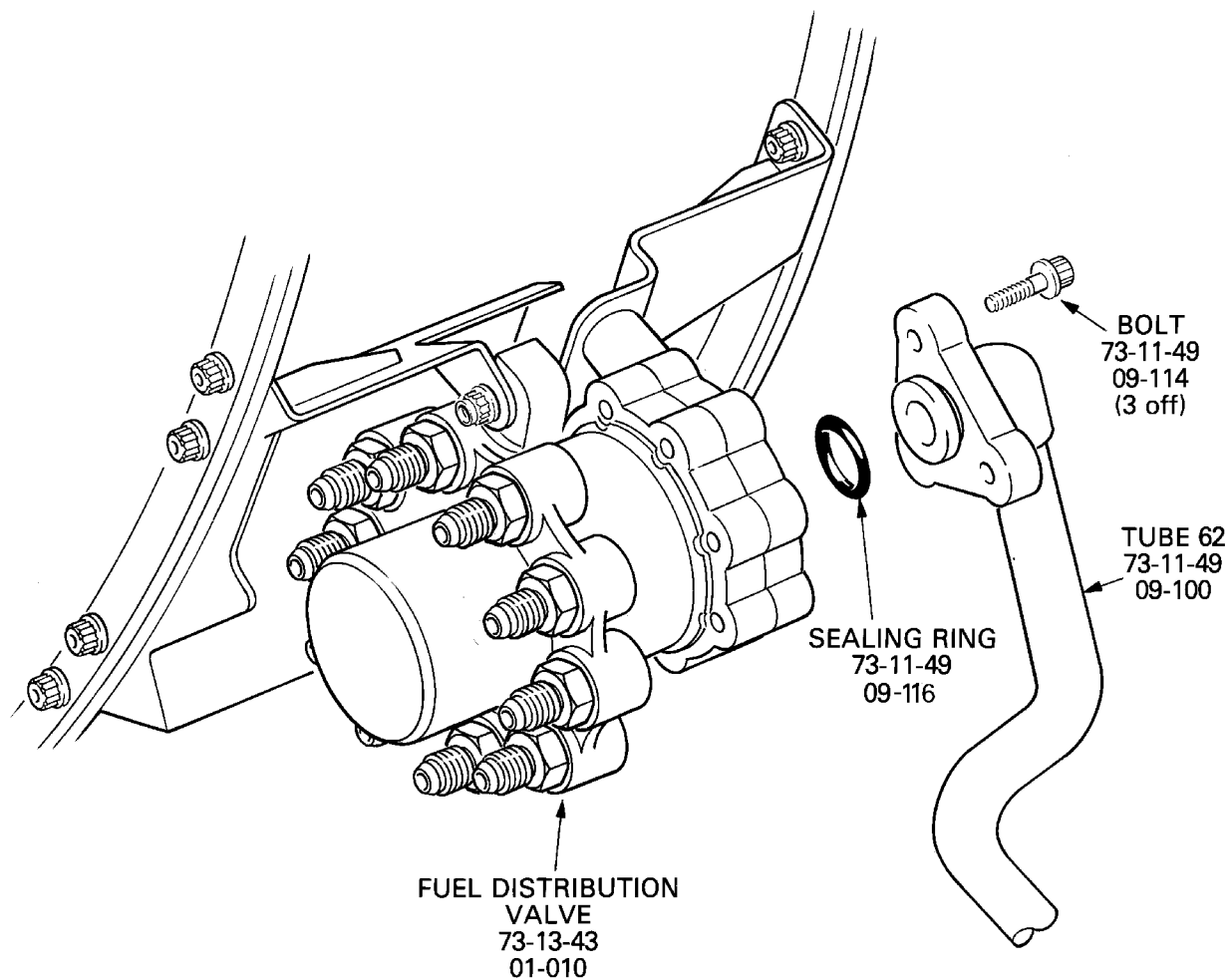
All IPC Fig/Item numbers are 79-21-49



Remove the tube 57 (core)
Clip positions 5664 and 5591
Figure 30



Remove the HP servo fuel tube 60 (core) - Clip positions 5648 and 5666
Figure 31



17319

Remove the fuel distribution feed tube 62 (core)
Figure 32

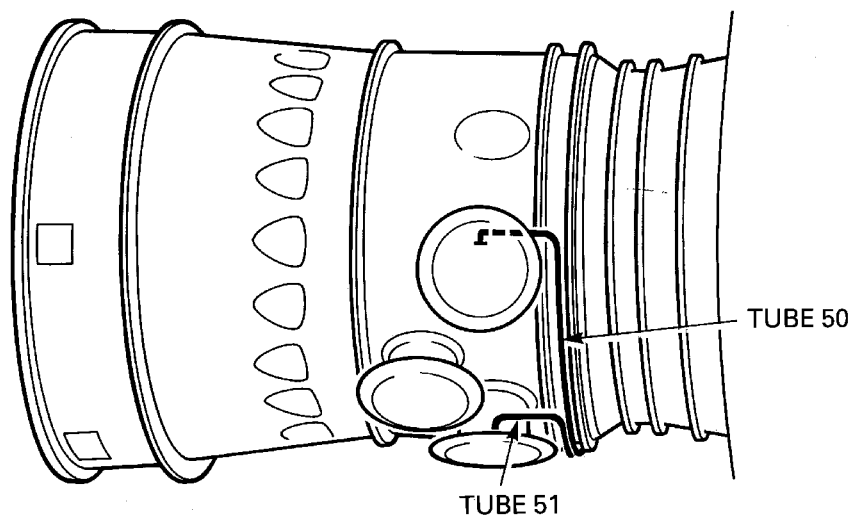
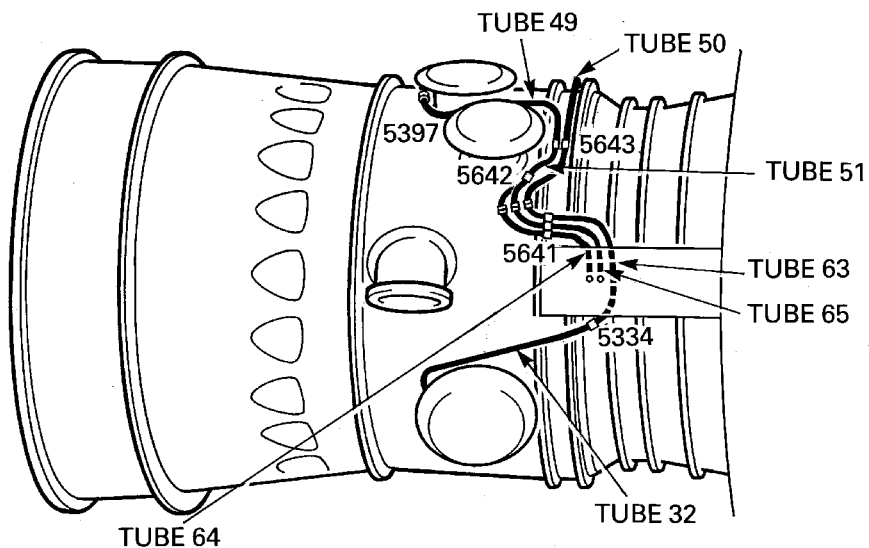
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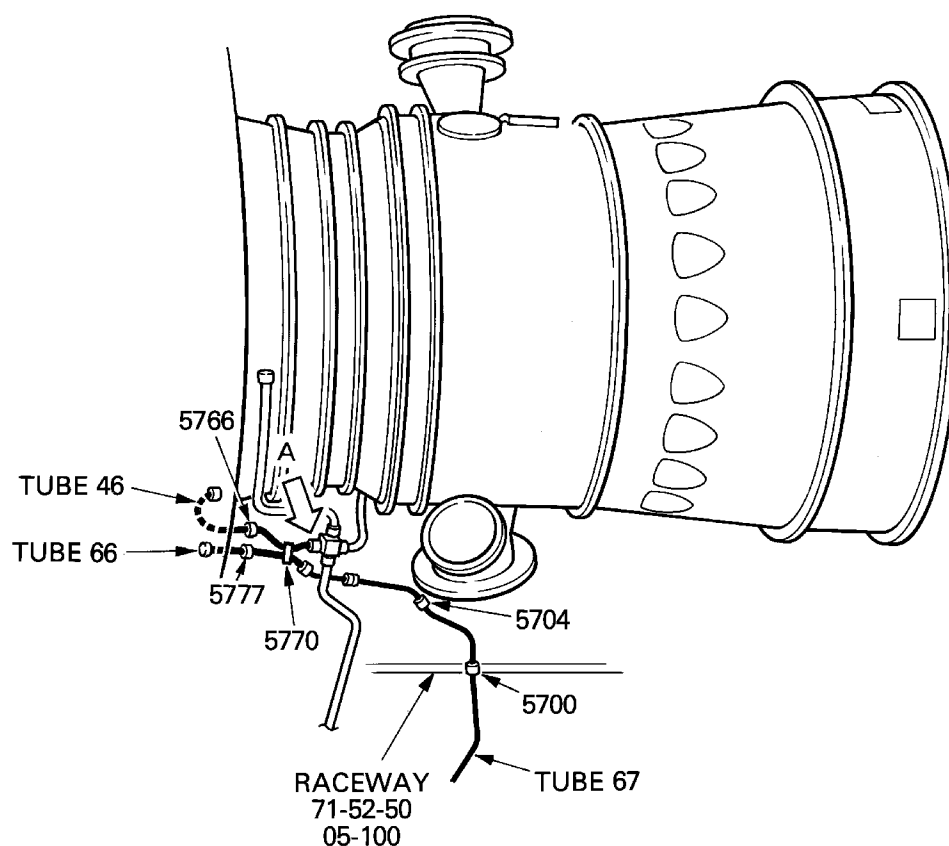
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TUBE 32-Stage 7 HP compressor bleed valve air tube 75-32-49, 16-100
TUBE 49-Stage 10 HP compressor bleed valve air tube 75-32-49, 14-500
TUBE 50-Stage 7 HP compressor bleed valve air tube 75-32-49, 13-500
TUBE 51-Stage 7 HP compressor bleed valve air tube 75-32-49, 15-500
TUBE 63-Stage 7 HP compressor bleed valve air tube 75-32-49, 13-100
TUBE 64-Stage 10 HP compressor bleed valve air tube 75-32-49, 14-100
TUBE 65-Stage 7 HP compressor bleed valve air tube 75-32-49, 15-100

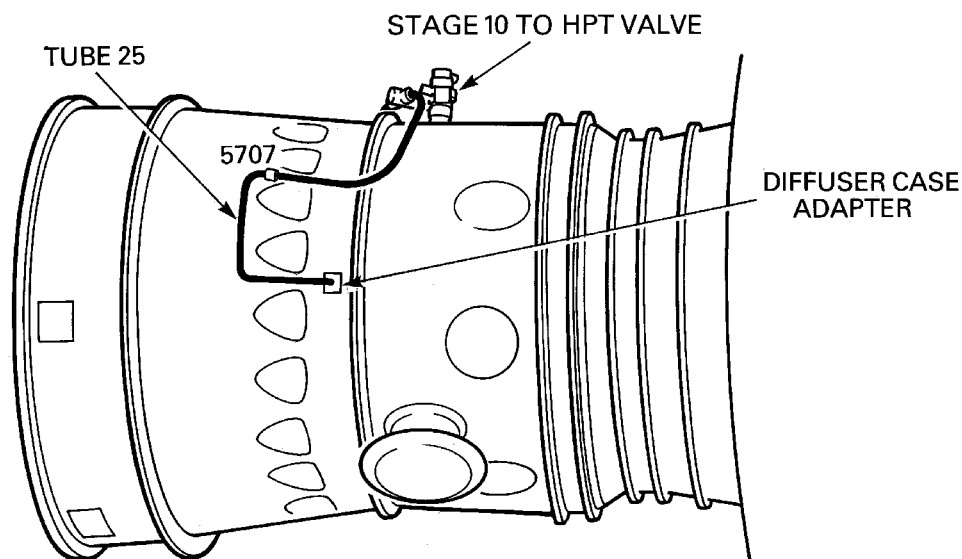
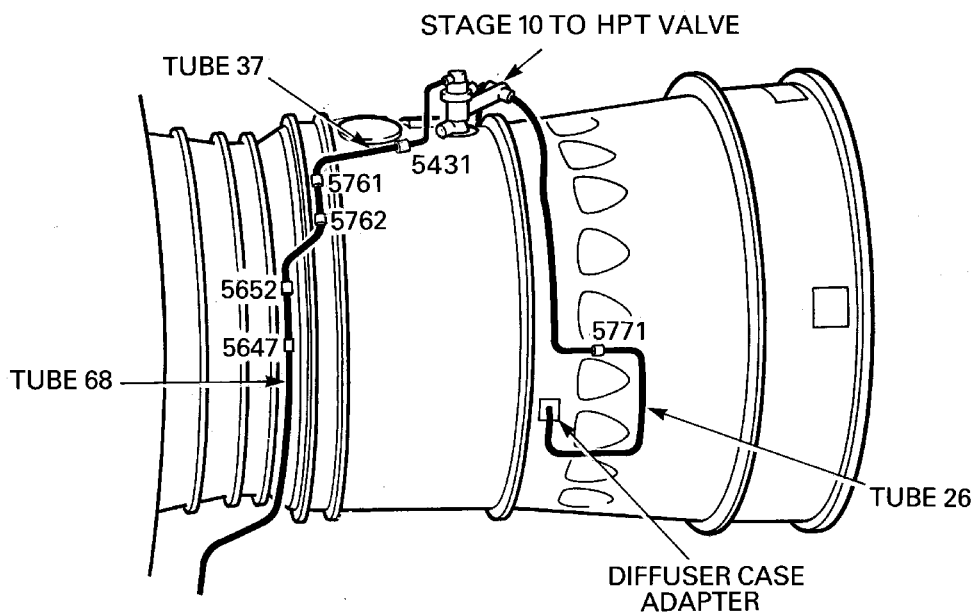
16993A

Remove the fuel distribution feed tube 62 (core)
Figure 33



TUBE 46 HP servo (retract) fuel tube 73-11-49, 19-100
TUBE 66 P2.5 air tube 73-22-49, 09-100
TUBE 67 P2.5 air tube 73-22-49, 09-500

Remove the tube 67 (core)
Clip positions 5766, 5700, and 5777
Figure 34

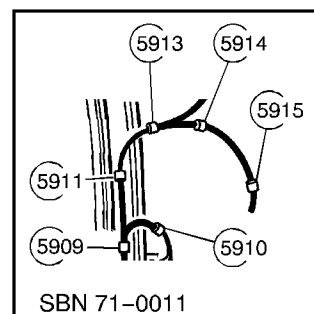
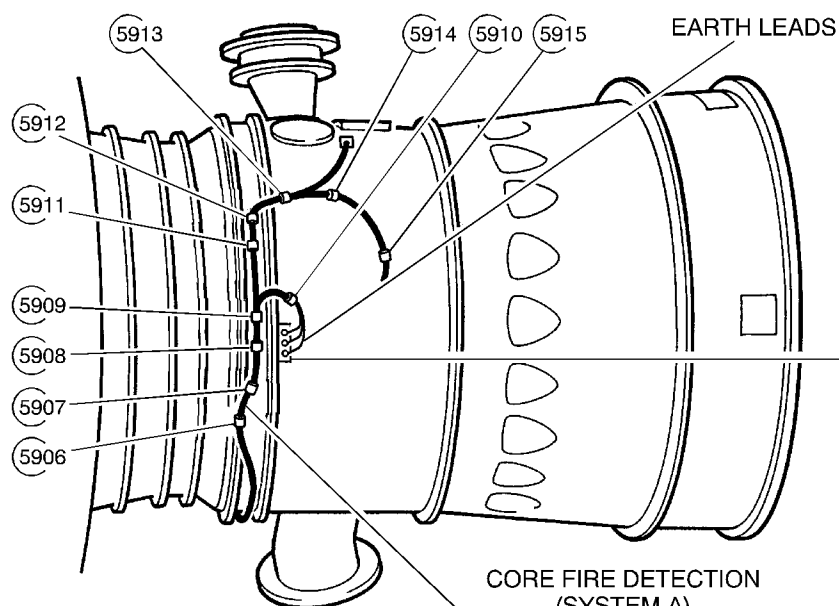


TUBE 25 – HP turbine stage 2 air tube	75-23-48, 04-100
TUBE 26 – HP turbine stage 2 air tube	75-23-48, 04-500
TUBE 37 – HP turbine stage 2 control air tube	75-23-48, 03-500
TUBE 68 – HP turbine stage 2 control air tube	75-23-48, 03-100

16986A

Remove the tube 68 (core)
Clip positions 5647 and 5652
Figure 35

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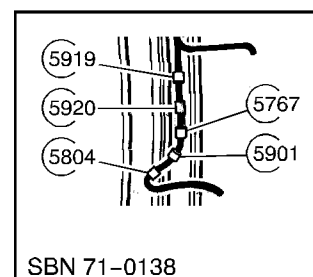
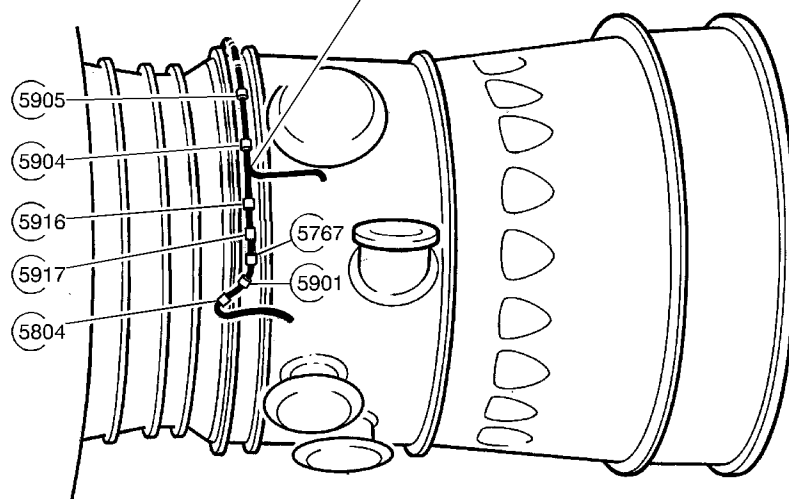
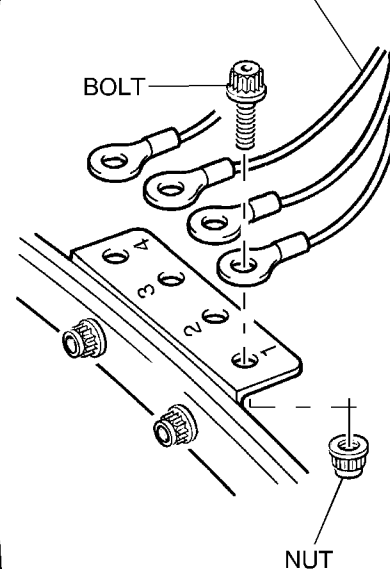


CORE FIRE DETECTION
(SYSTEM A)
NACELLE TEMPERATURE
AND CABIN SERVICES
HARNESS
71-52-41
01-005

BRACKET
72-41-00
03-760

EARTH LEADS

BOLT



de00016974d

Remove the tube 69 (core)
Clip position 5767
Figure 36

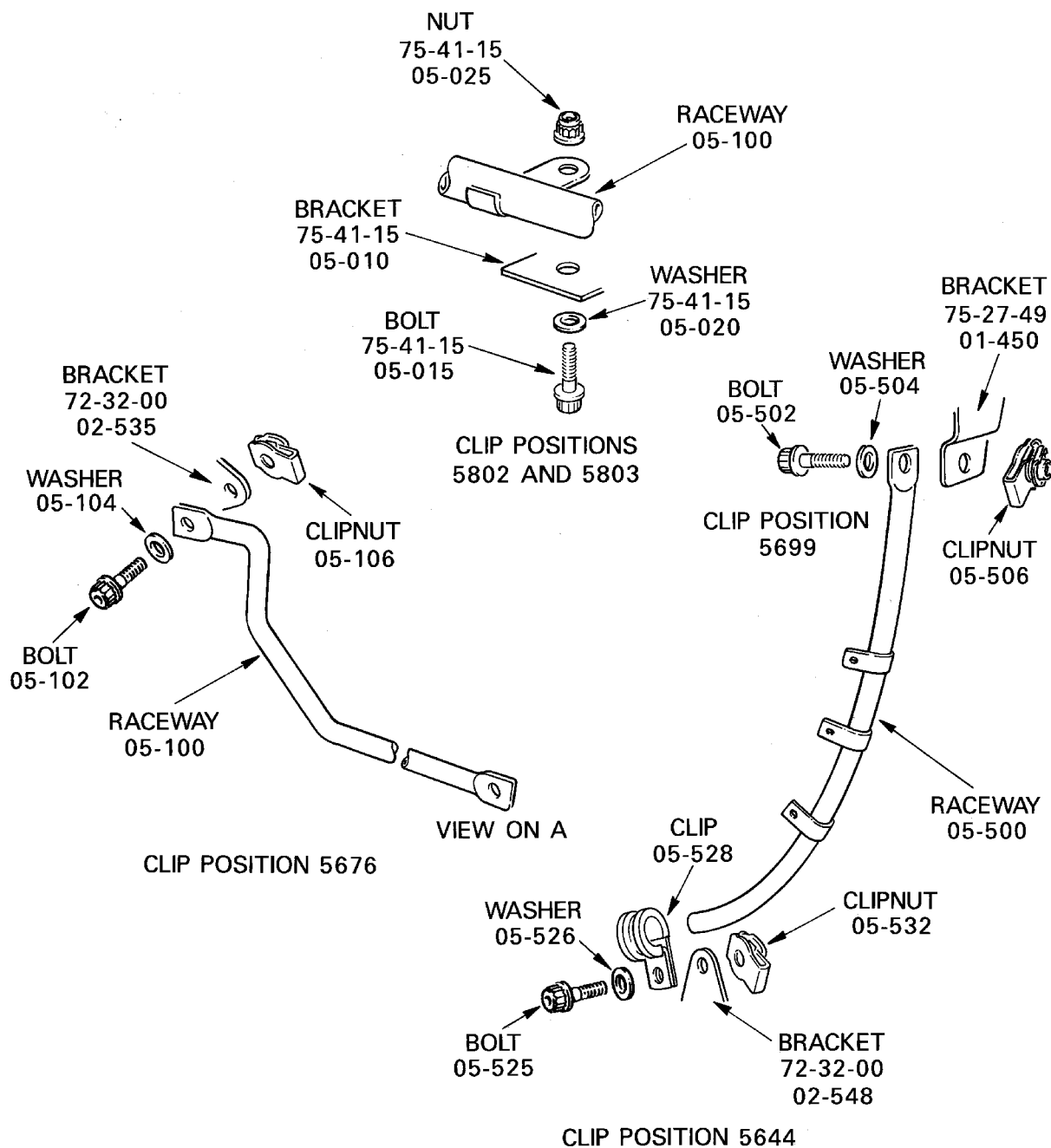
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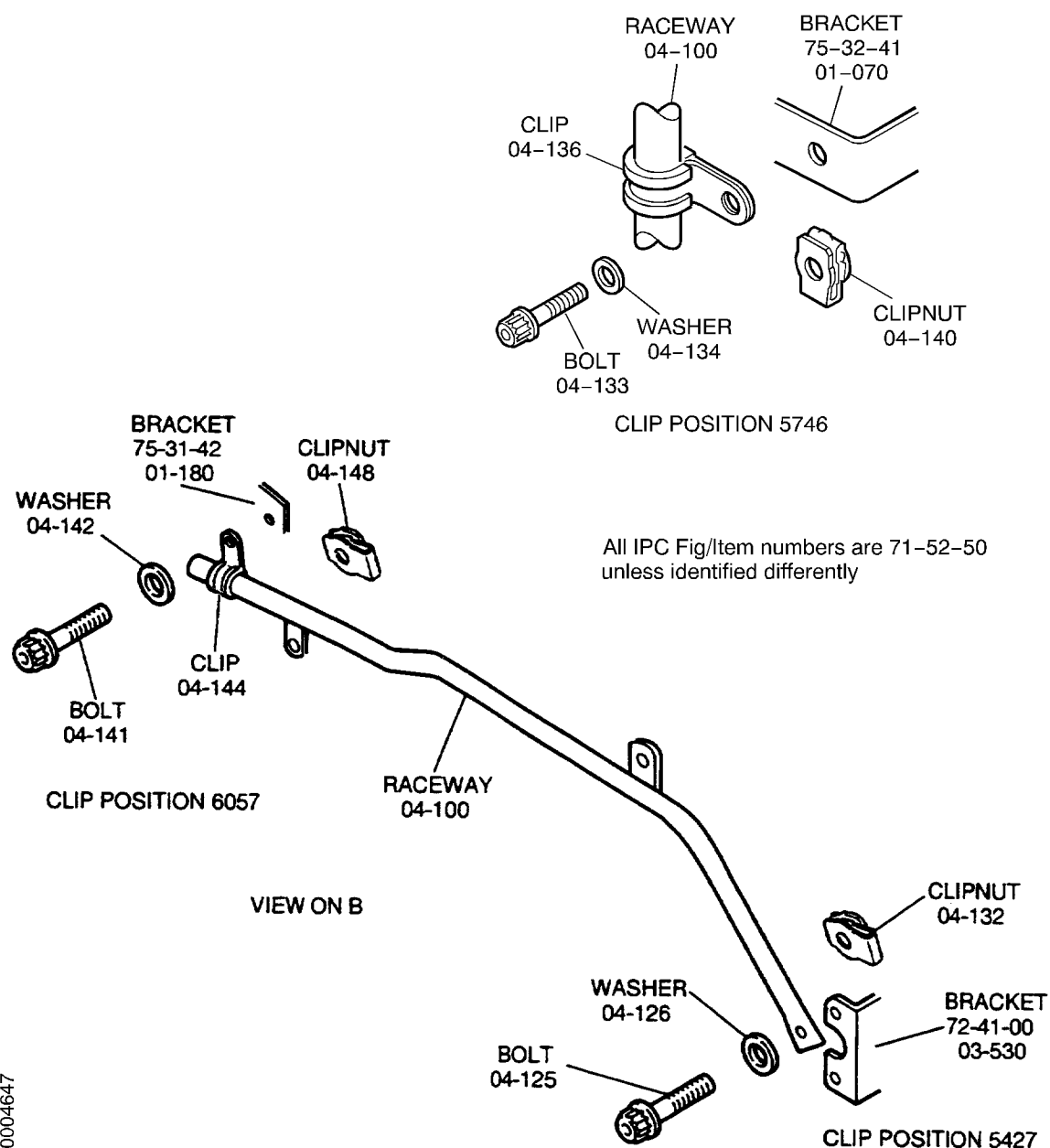


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unless identified differently

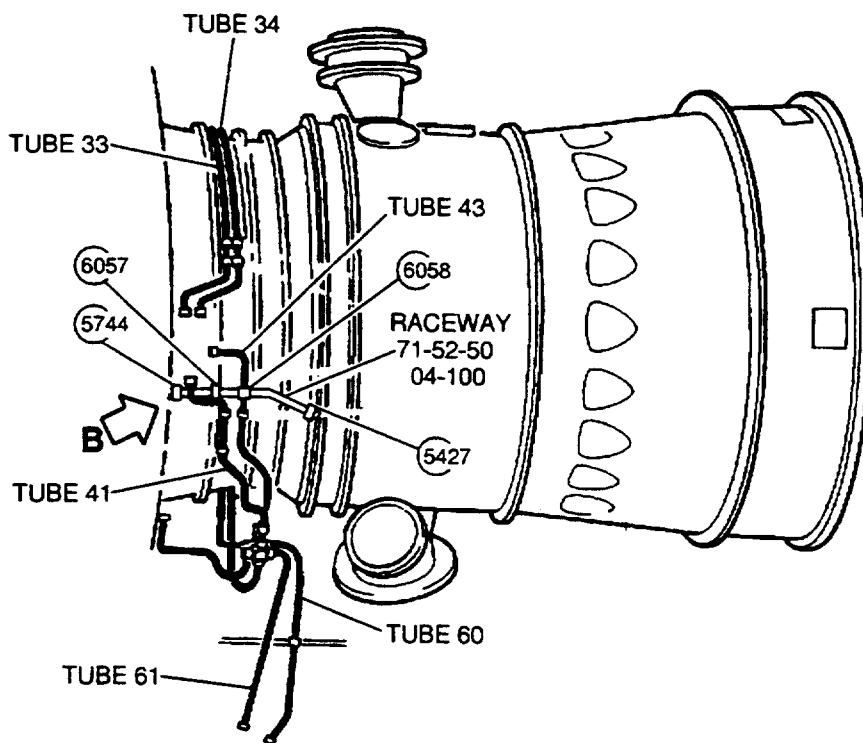
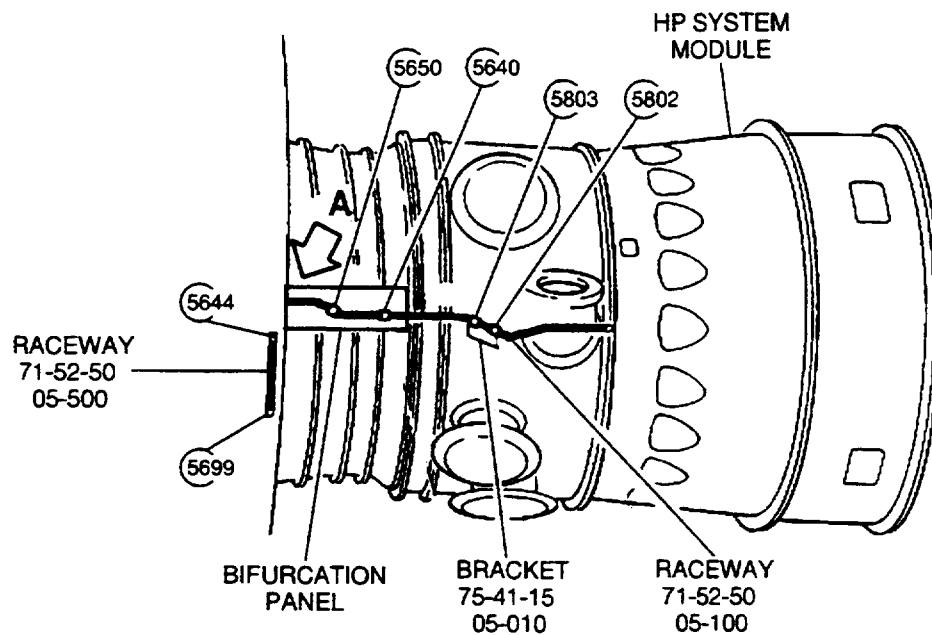
CLIP POSITION 5644

B3319

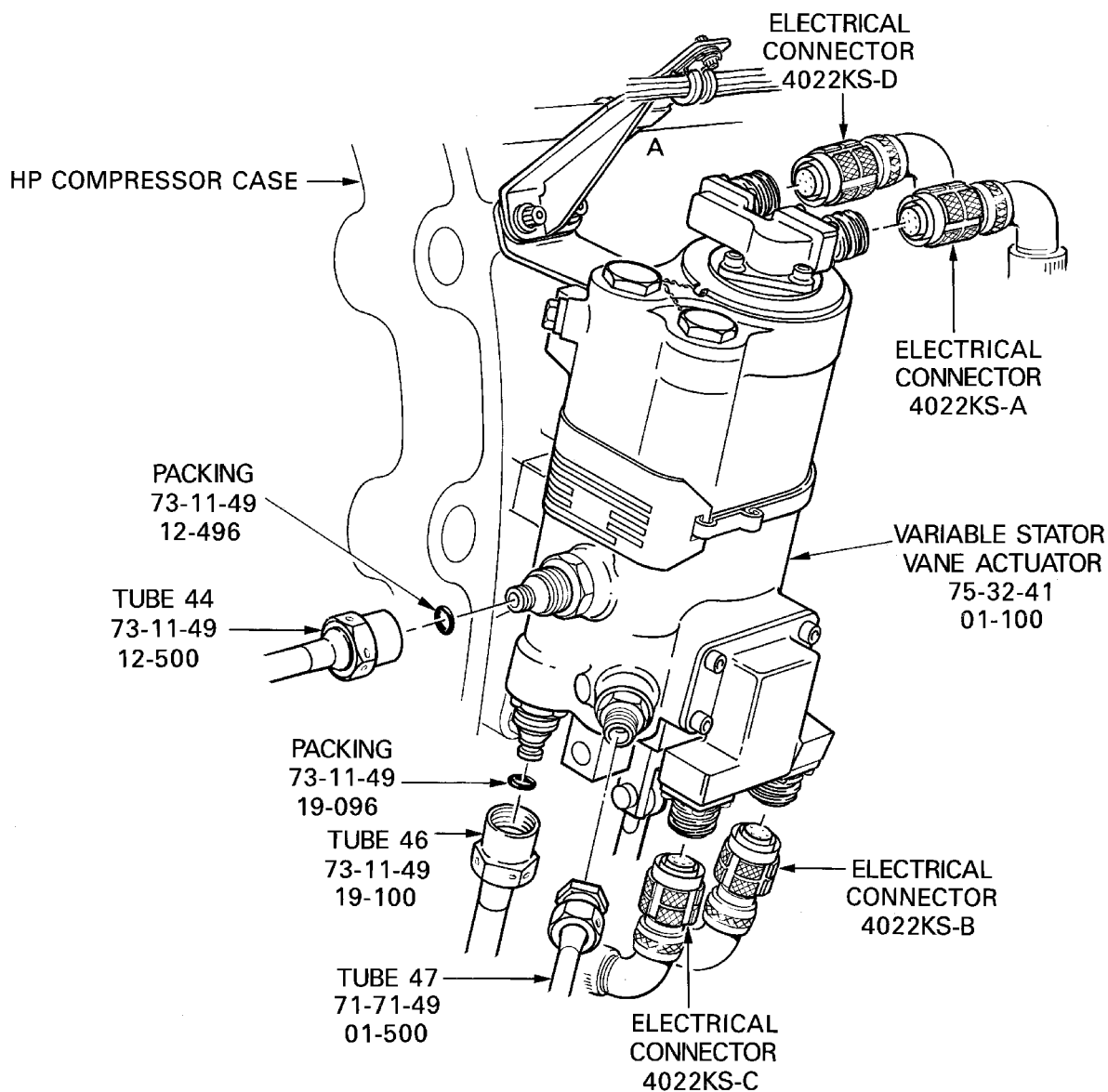
Remove the core raceway
Figure 37



Remove the core raceway
Figure 38



Remove the core raceway (71-52-50, 05-100)
Figure 39



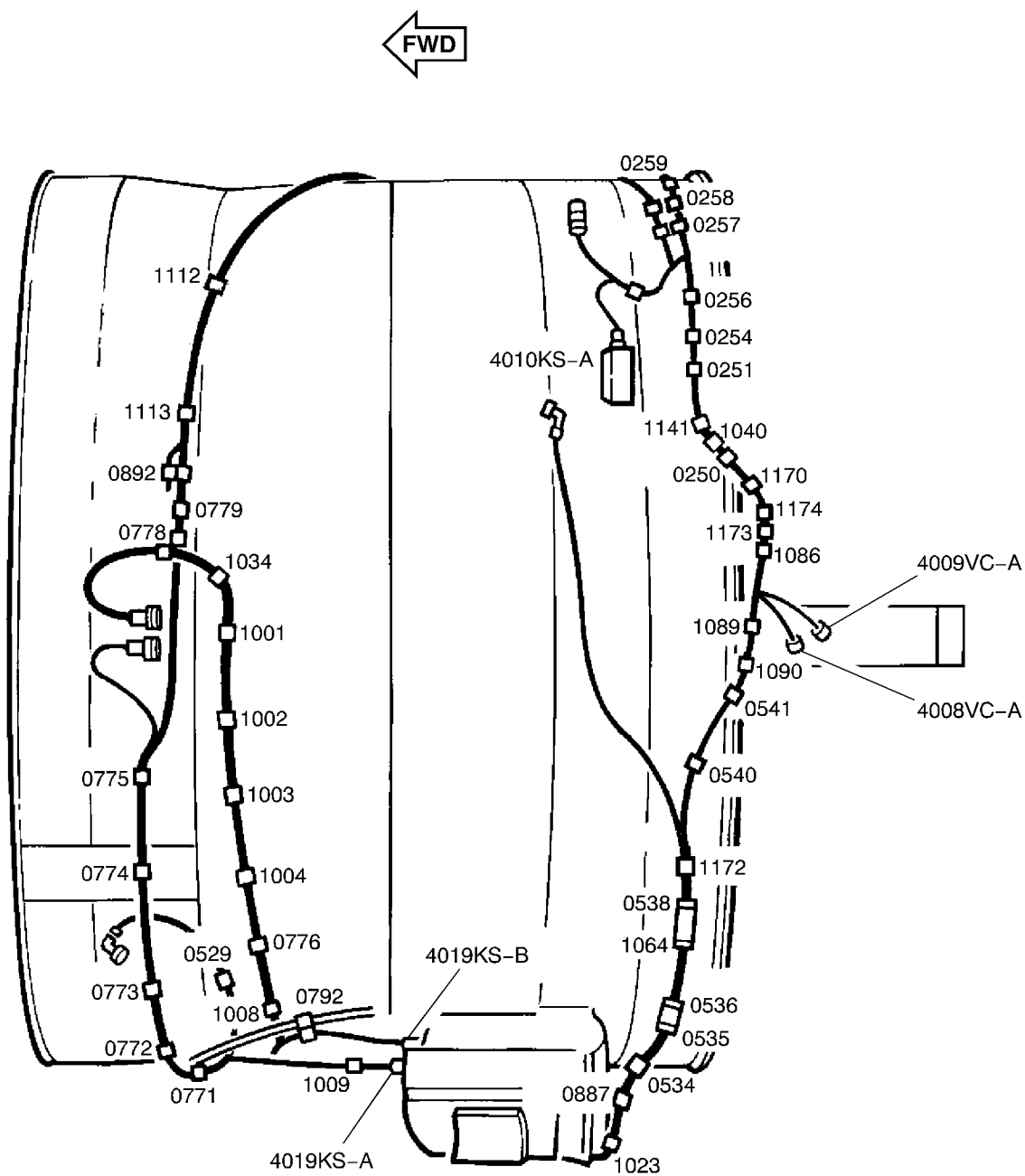
17391

Remove the VSV actuator
Figure 40

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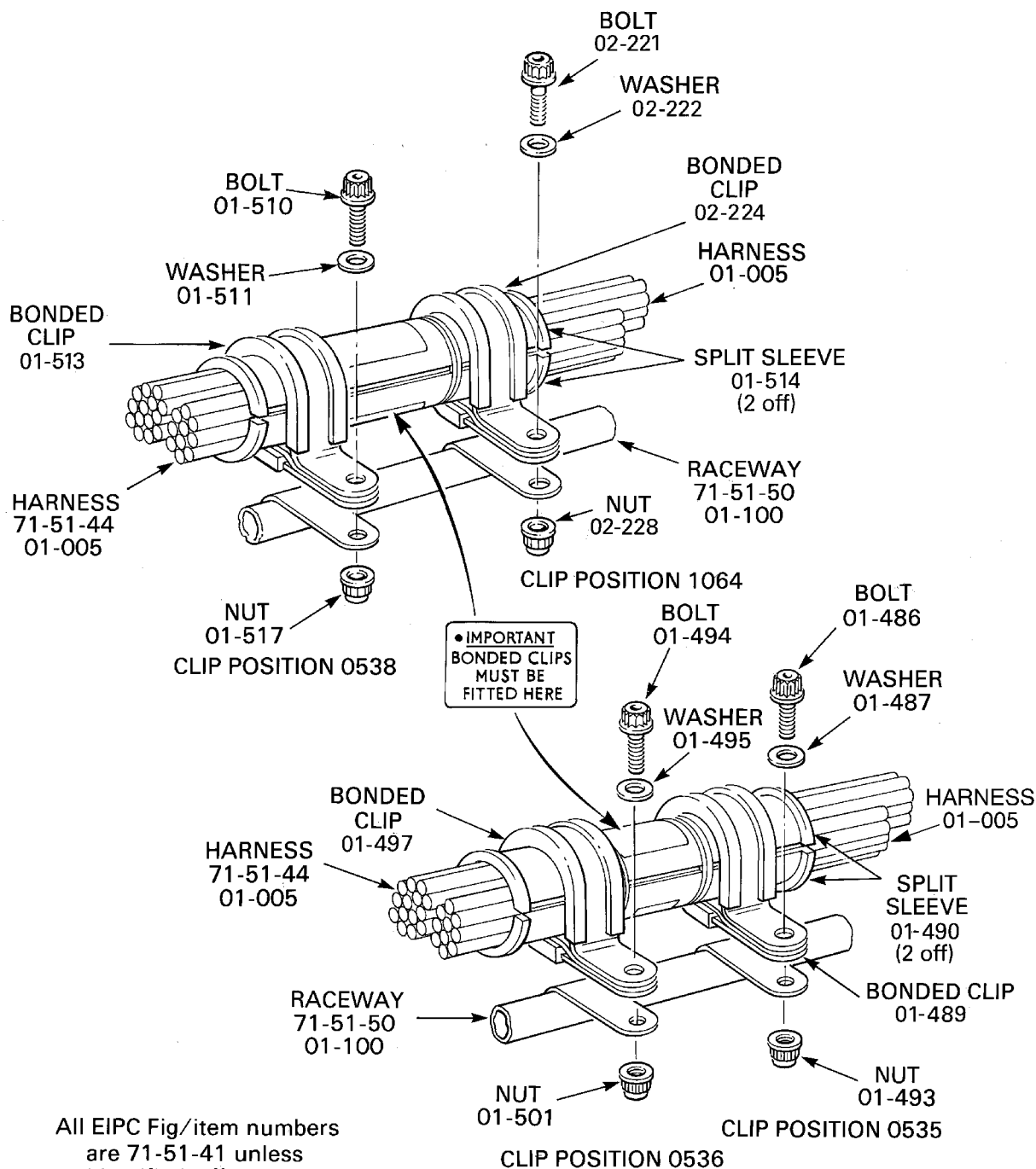
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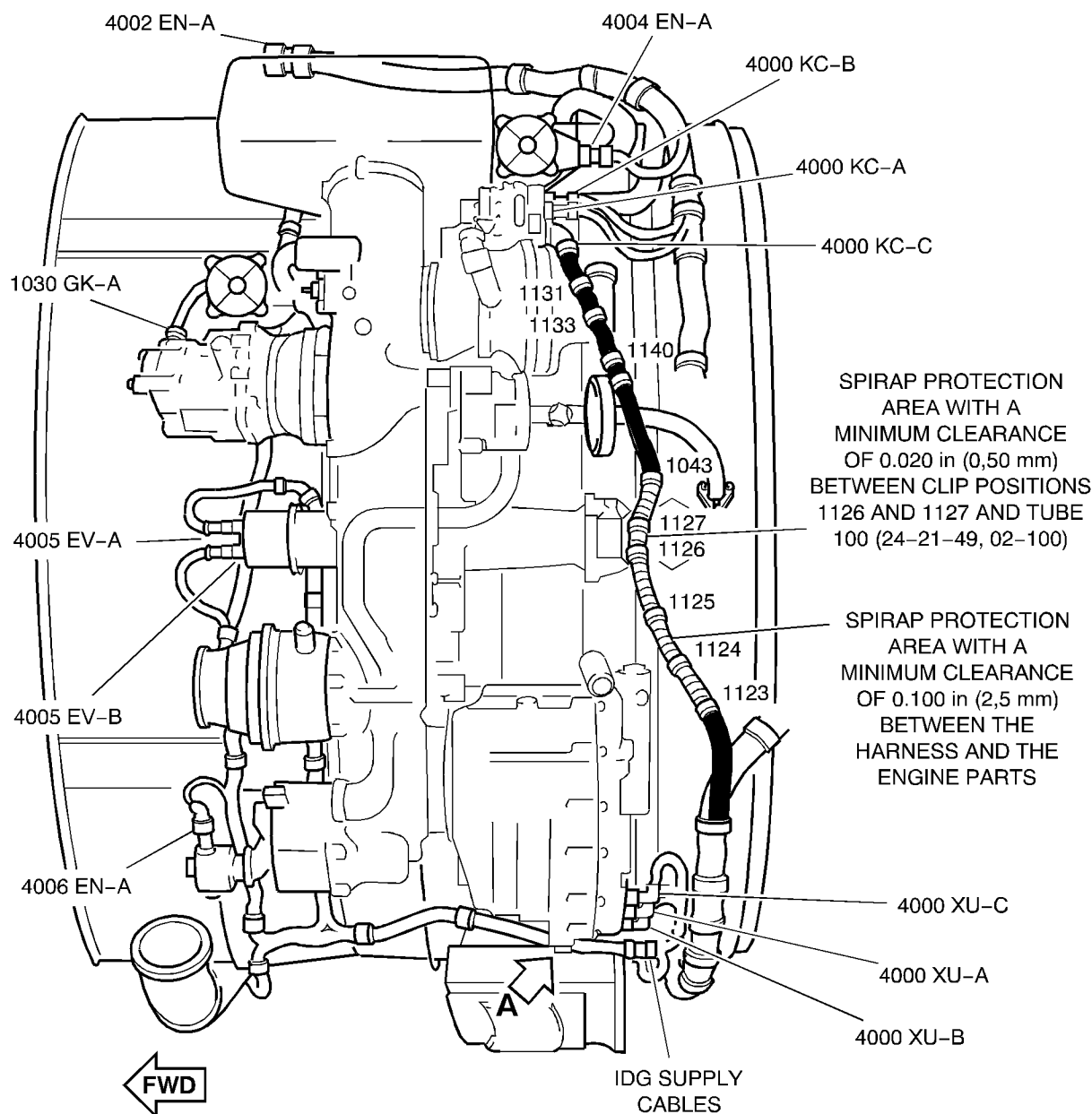


BOTTOM OF THE LP COMPRESSOR/INTERMEDIATE
CASE MODULE

Disconnect the EEC harness (fancase)
Figure 41 sheet 1



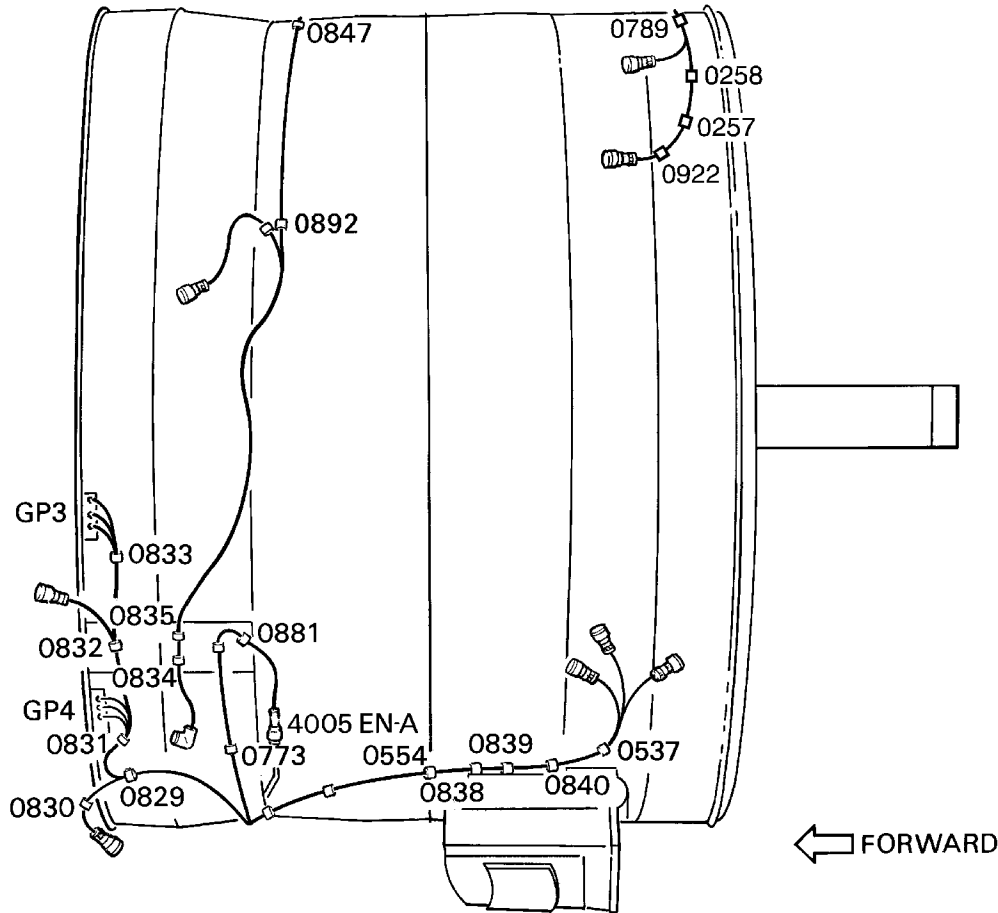
Disconnect the EEC harness (fancase)
Figure 41 sheet 2



VIEW WHEN YOU LOOK ON THE BOTTOM OF THE
LP COMPRESSOR/INTERMEDIATE CASE MODULE

Disconnect the EEC harness (fancase)
Clip positions 1048 and spirap Protection
Figure 41 sheet 3

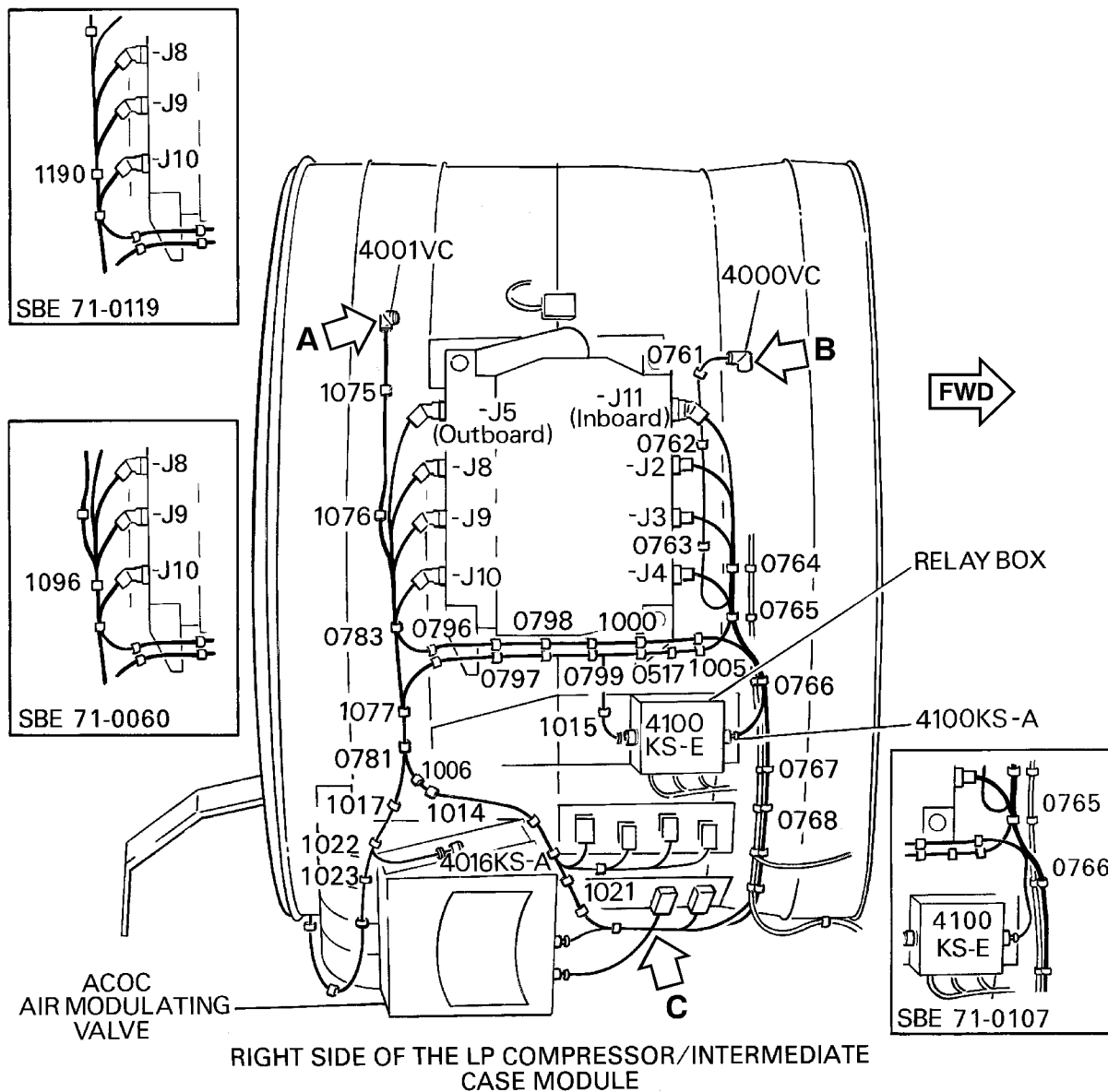
ded0003854



BOTTOM OF THE LP COMPRESSOR/INTERMEDIATE
CASE MODULE

Disconnect the remaining harness clip positions (fancase)
Clip positions 0838, 0839, and 0554
Figure 41 sheet 4

ded0004588



All electrical connectors are 4000KS series unless identified differently

Disconnect the harness clip positions (fancase)
Clip position 1022
Figure 41 sheet 5

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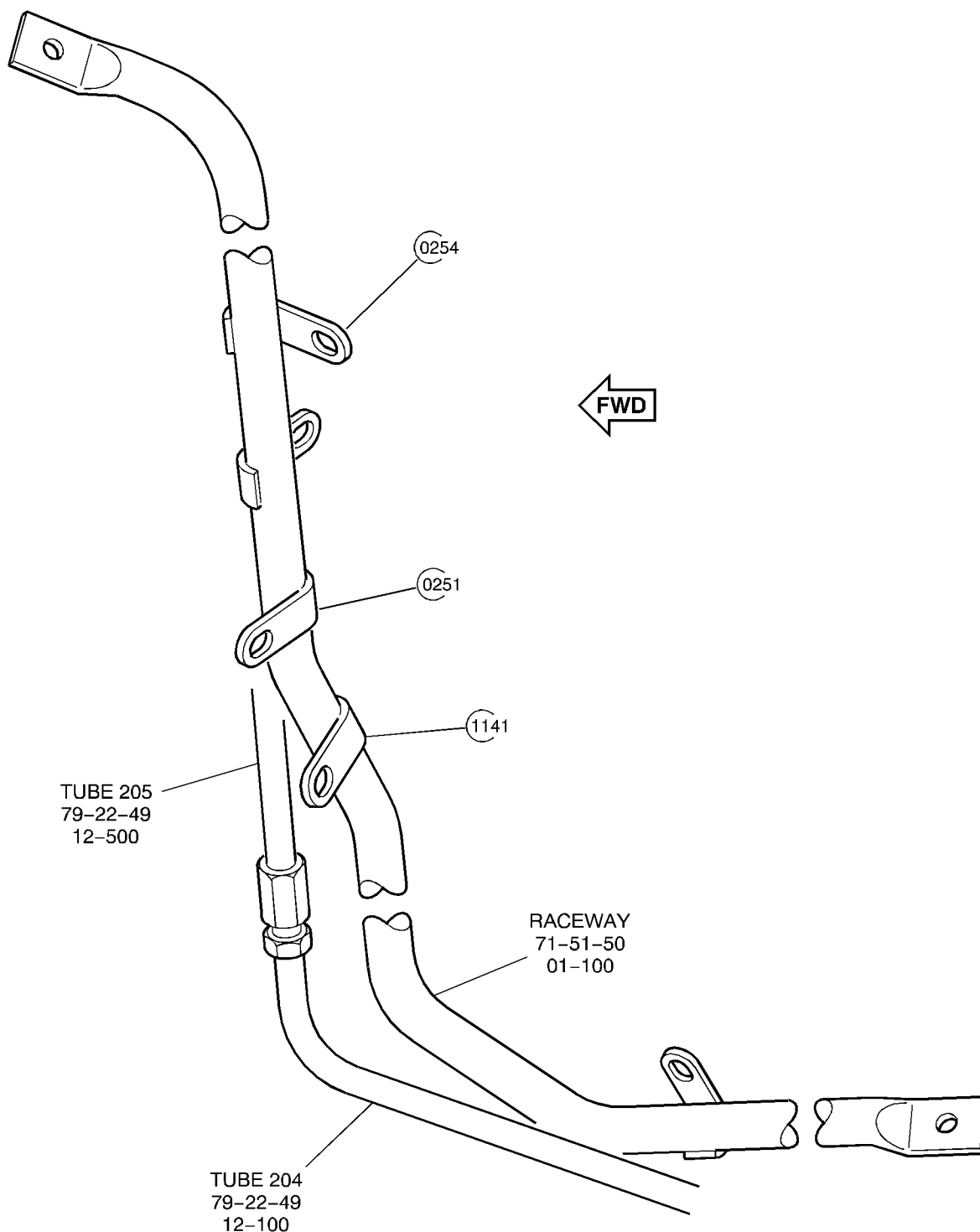
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All IPC Fig/Item numbers are 73-31-17 unless identified differently

Disconnect the harness clip positions (fancase)

Clip positions 0252 and bonding lead

Figure 41 sheet 6

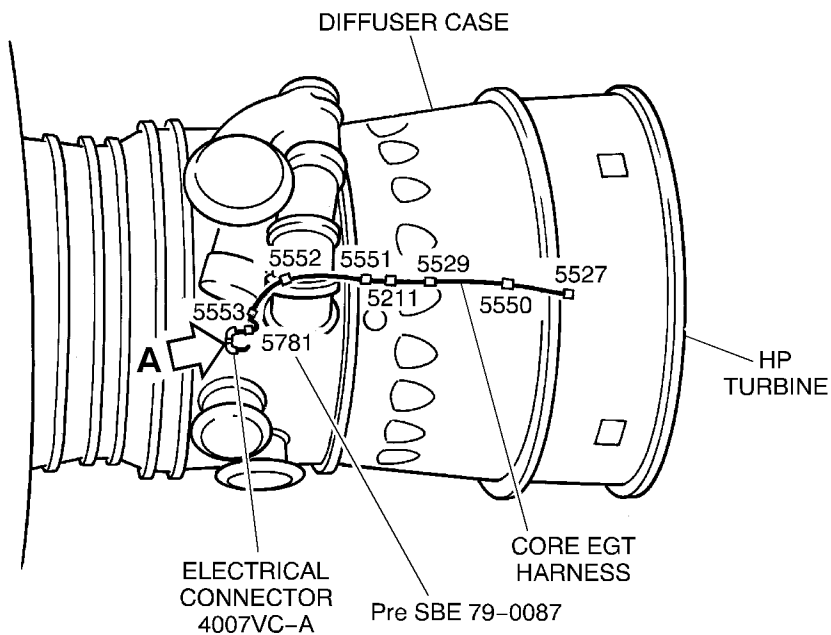
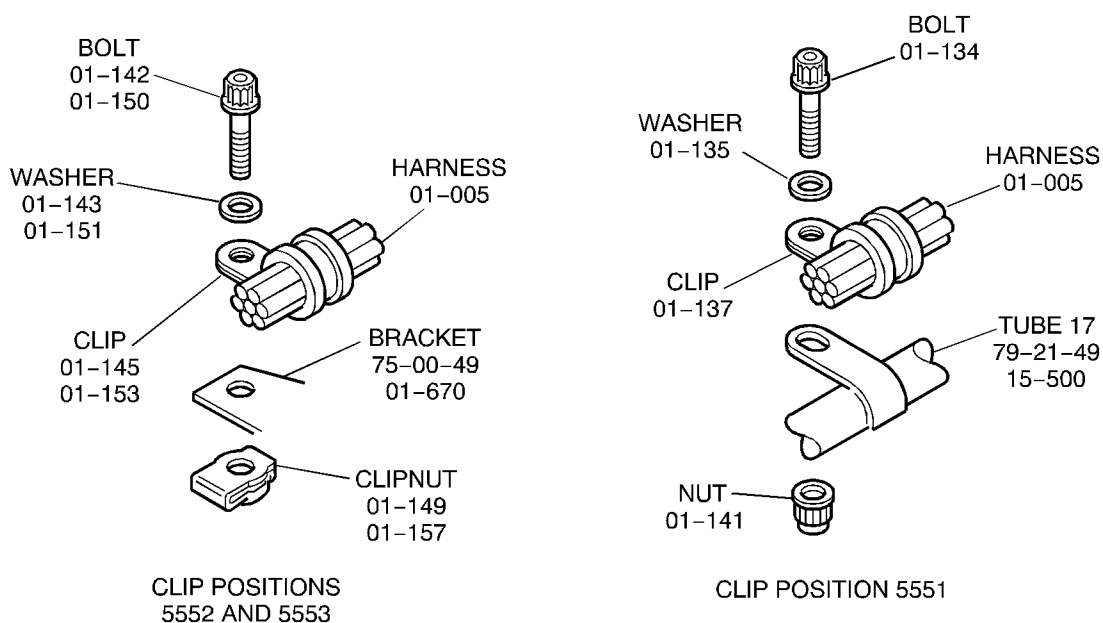
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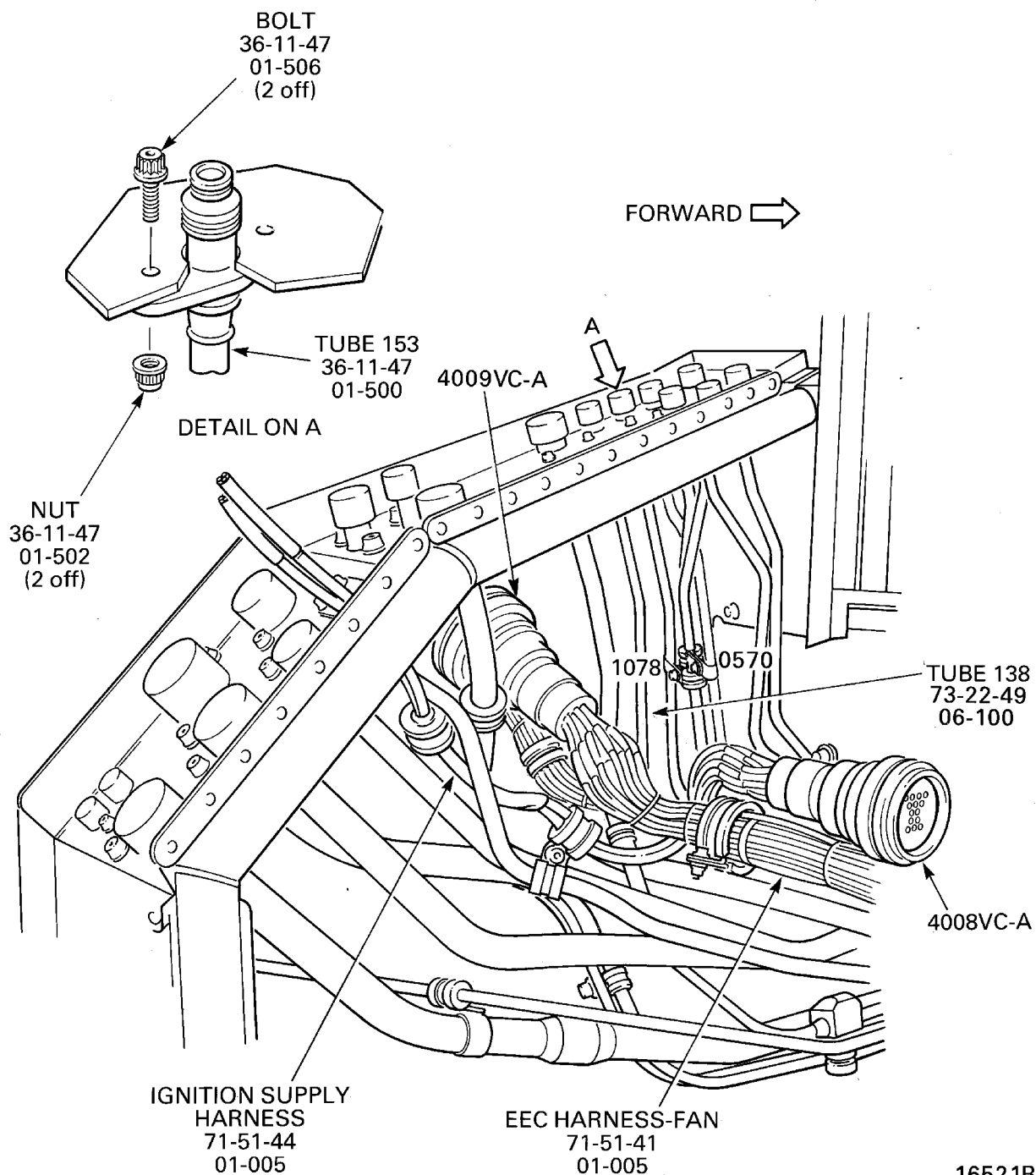
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Clip position 5553
Figure 41 sheet 7



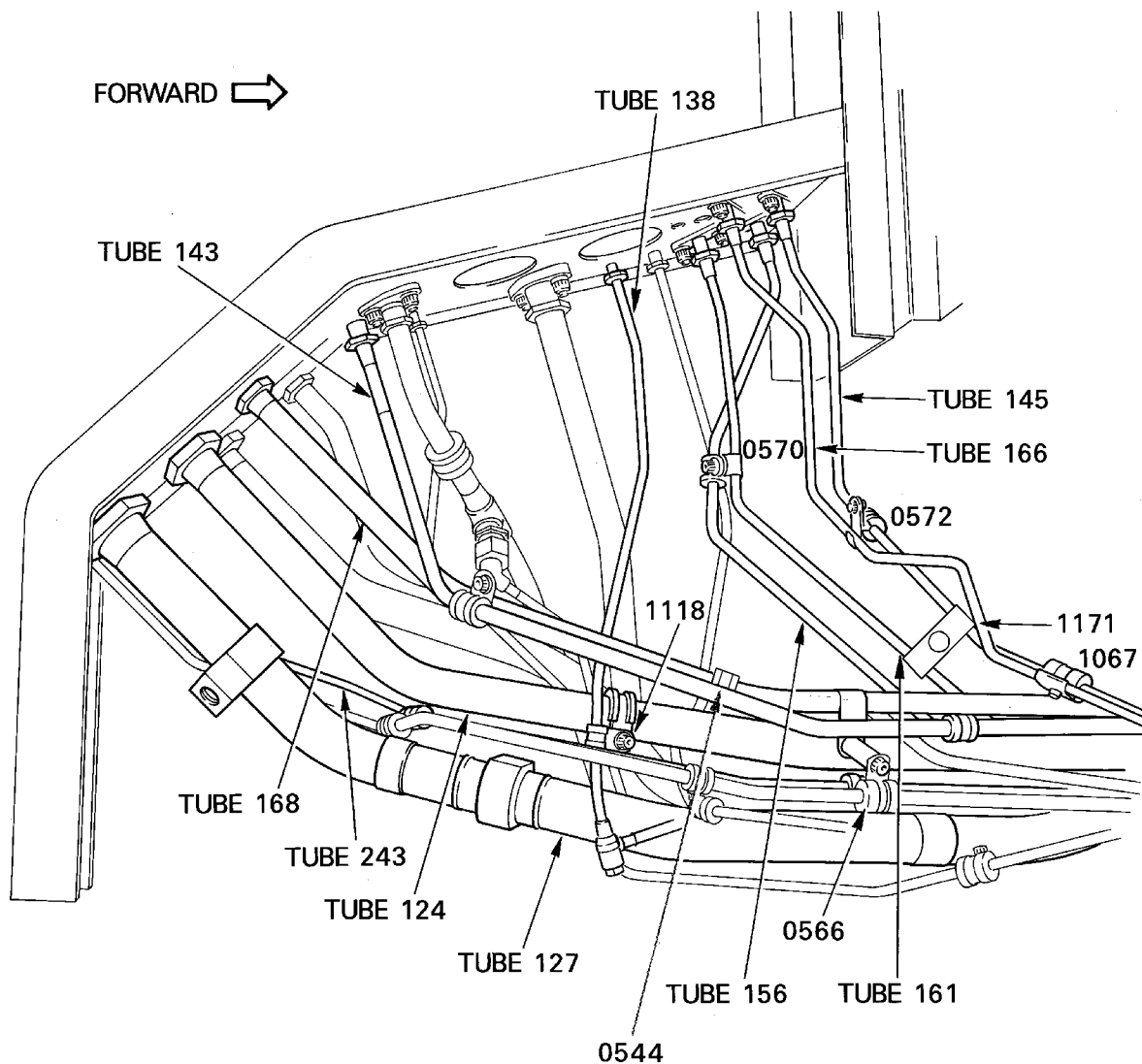
16521B

Disconnect the EEC harness (fancase)
Figure 41 sheet 8

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Nov.12/03

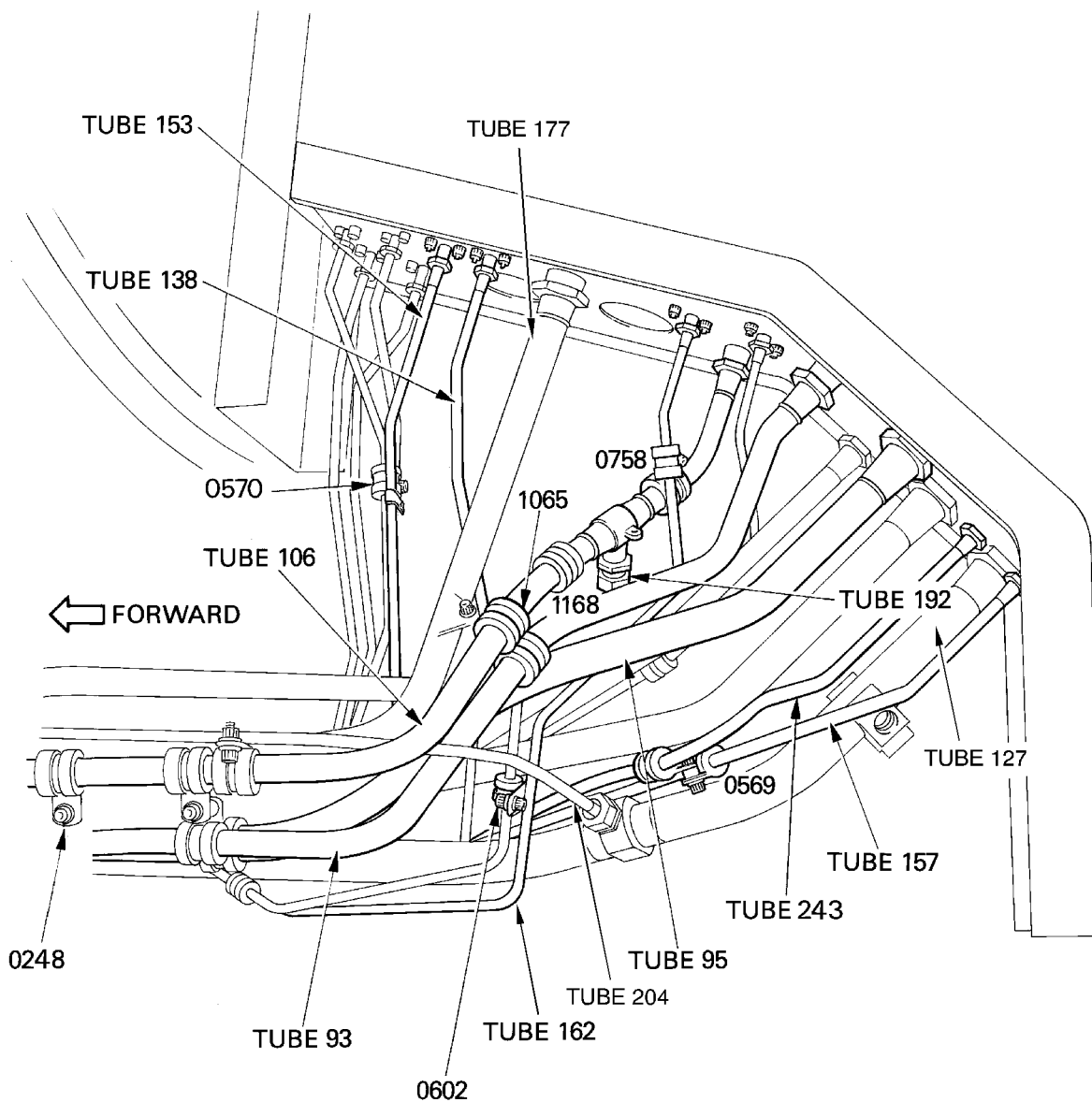
V2500-ENG-79-0088

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Remove the fan case side tubes at the bifurcation panel
Clip positions 1171 and 0566
Figure 42 sheet 1

ded0004619



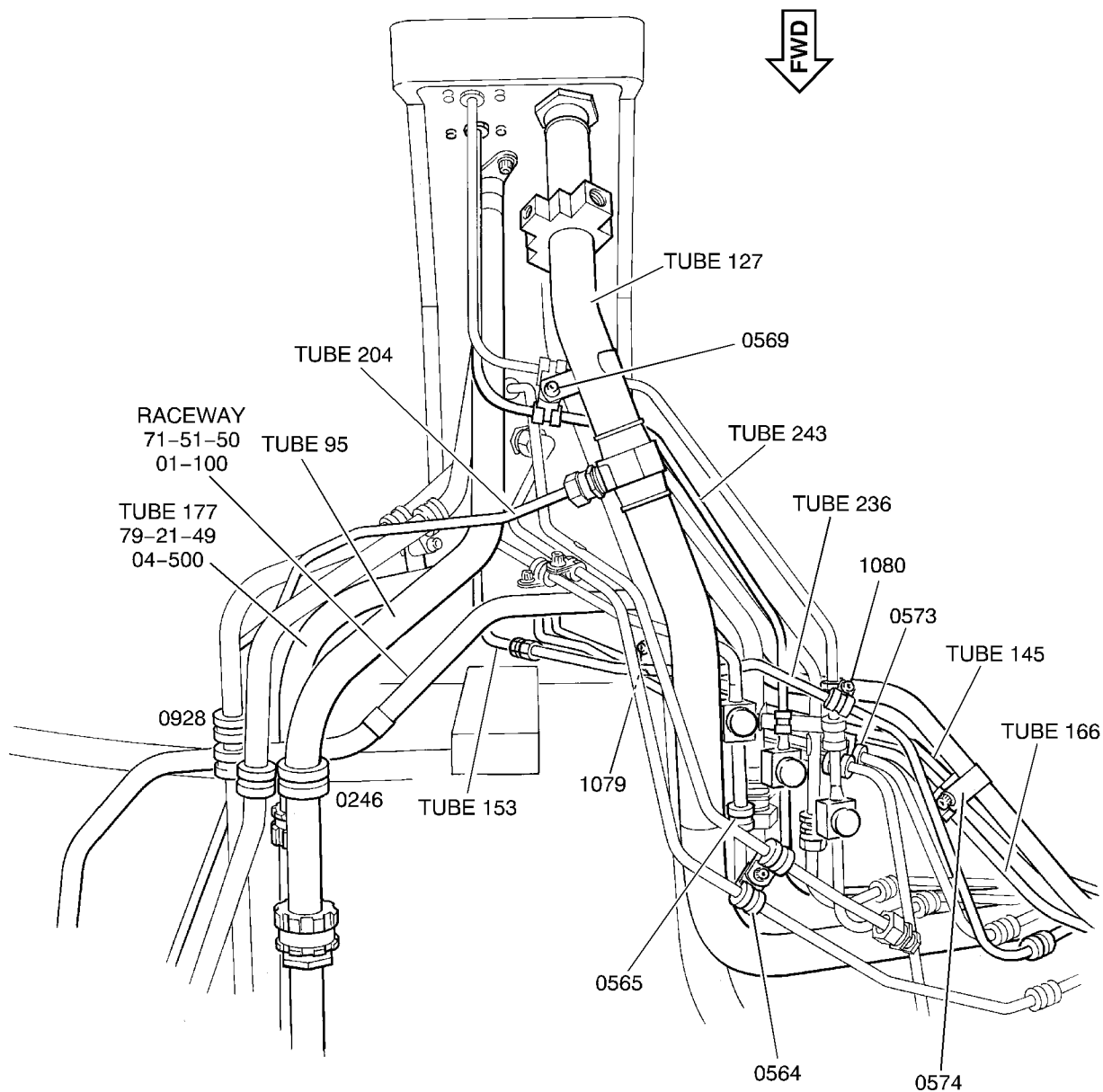
TUBE 192 – Fuel air valve to FMU tube (73–11–49, 24–500)

TUBE 204 – Oil scavenge tube (79–22–49, 12–100)

Remove the fancase side tubes at the bifurcation panel

Clip positions 0602, 0758, 1168, 1065 and 0758

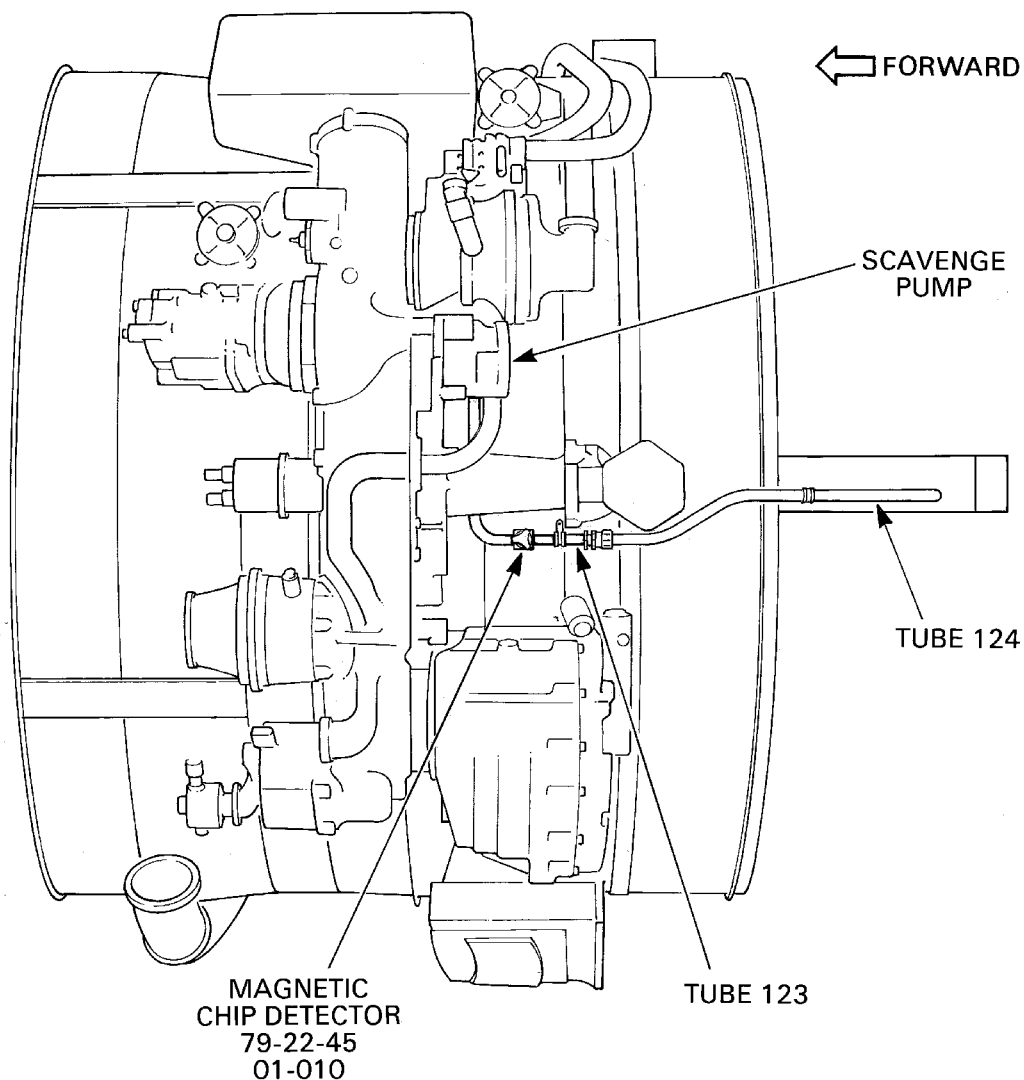
Figure 42 sheet 2



VIEW WHEN YOU LOOK ON THE BOTTOM
OF THE BIFURCATION PANEL

Remove the fan case side tubes at the bifurcation panel
Clip positions 0573, 0574, 0564, 0569, 1080, 0565, 0246 and 0928
Figure 42 sheet 3

de00016527b



TUBE 123 - Oil tube 79-22-49, 02-500
TUBE 124 - Oil tube 79-22-49, 02-100

15647B

Remove the fan case side tubes at the bifurcation panel
Tubes 123 and 124
Figure 42 sheet 4

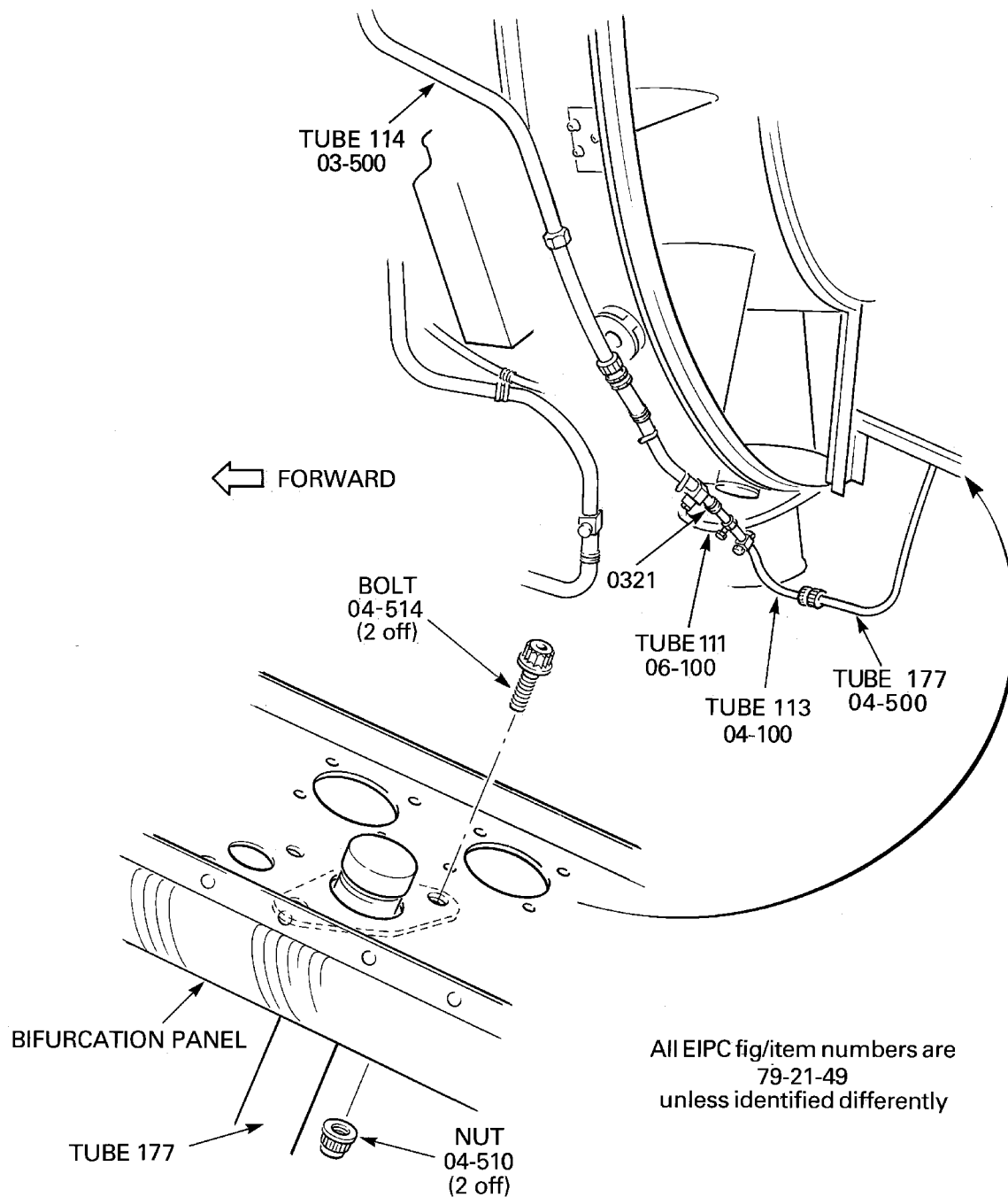
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Nov. 12/03

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16551B

Remove the fan case side tubes at the bifurcation panel
Tube 177

Figure 42 sheet 5

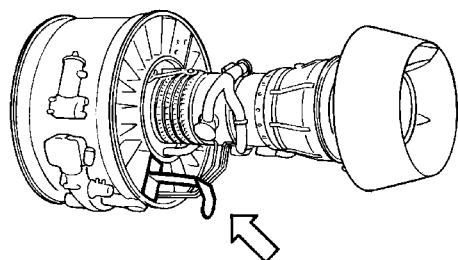
Nov. 12/03
Nov. 12/03

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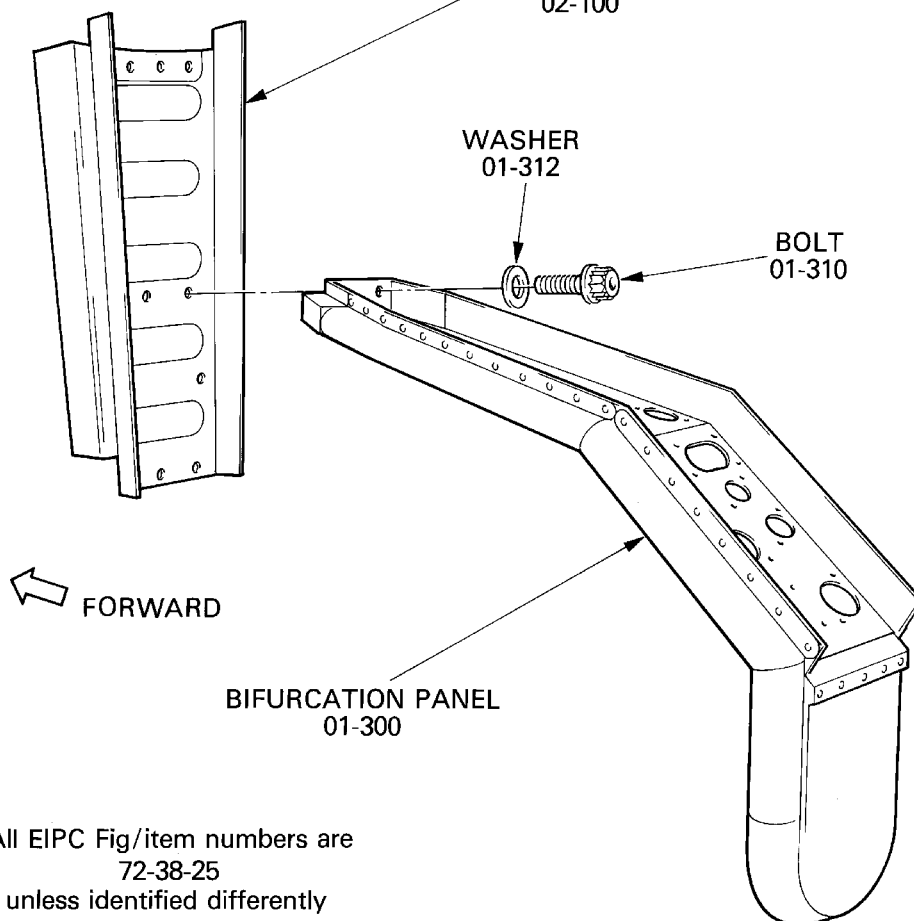
Page 256

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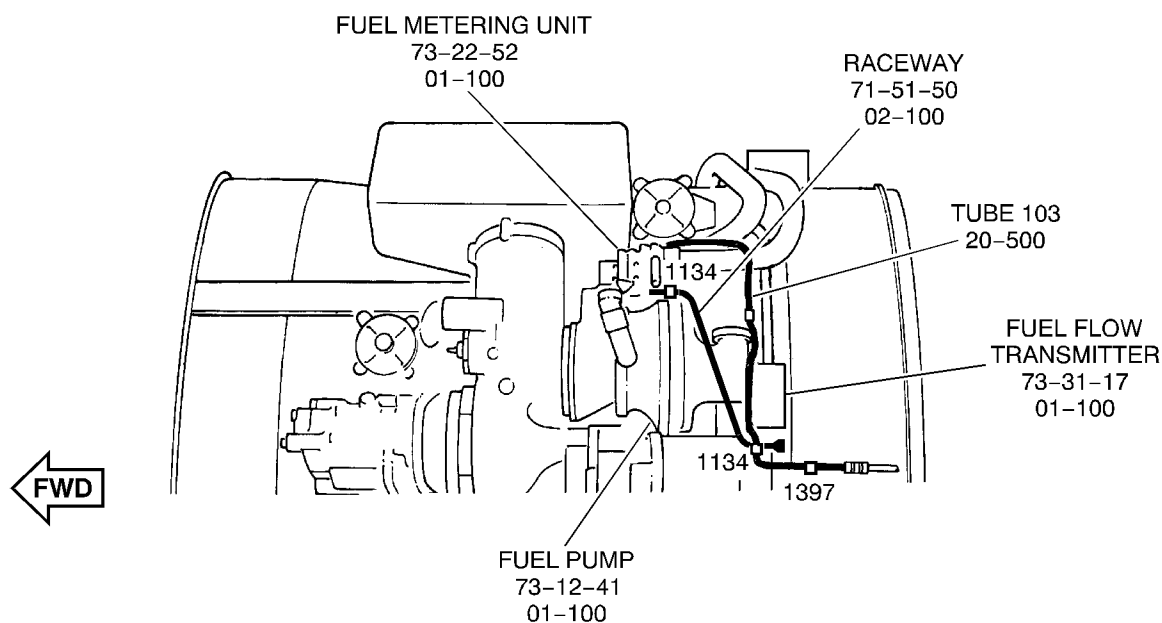
No 6 STRUT FAIRING PANEL
(LP Compressor/intermediate case)
72-32-03
02-100



All EIPC Fig/item numbers are
72-38-25
unless identified differently

16774

Remove the bifurcation panel
Figure 43



All IPC Fig/Item numbers are 73-11-49
unless identified differently

Remove the fancase raceway, (71-51-50, 01-100)
Figure 44 sheet 1

Nov. 12/03
Nov. 12/03

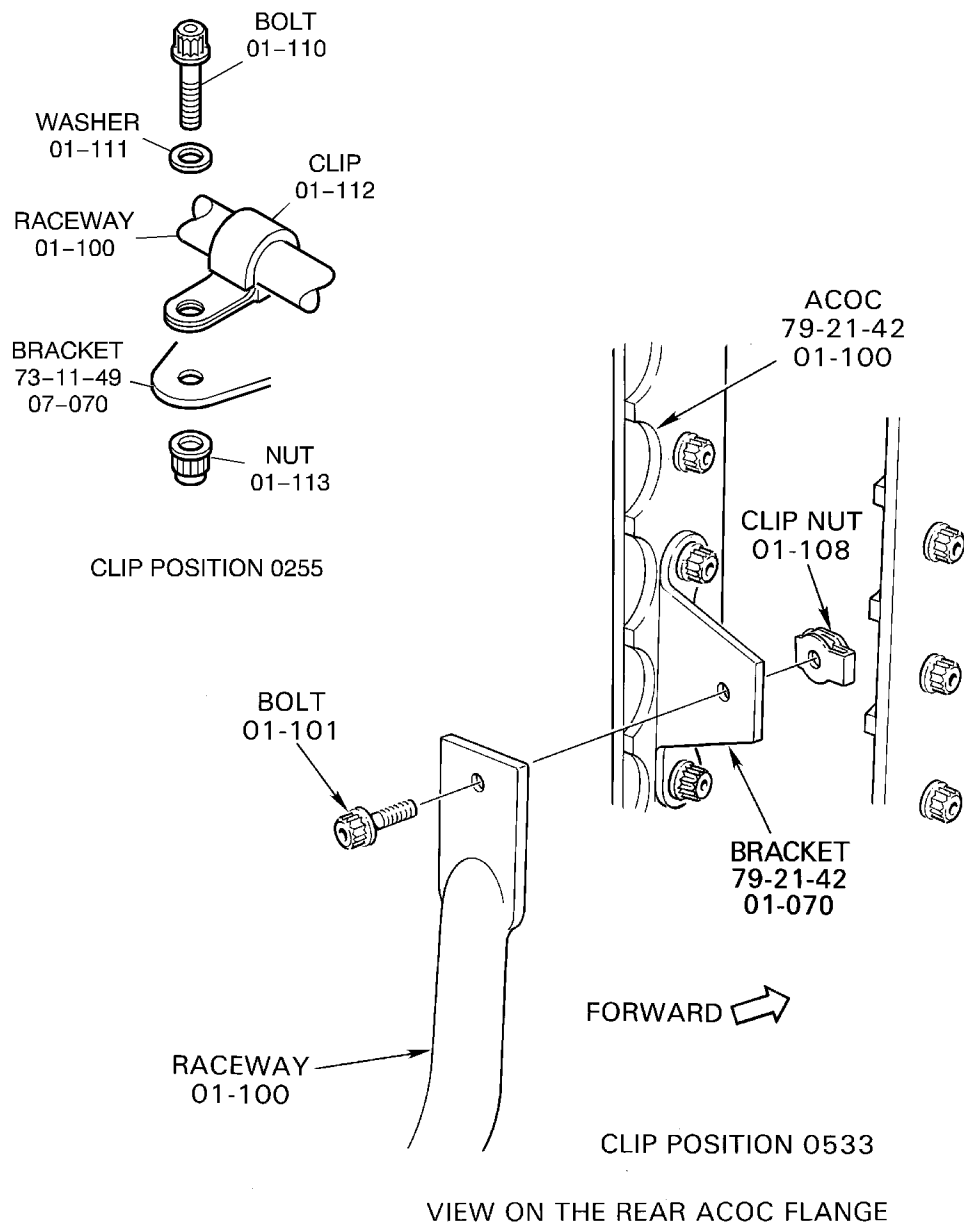
V2500-ENG-79-0088

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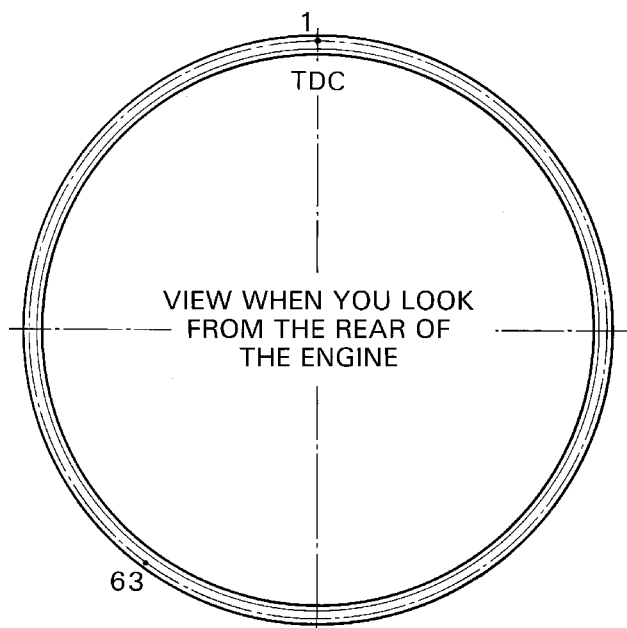
Not subject to the EAR per 15 C.F.R. Chapter 1, Part 734.3(b)(3).

ded0004605

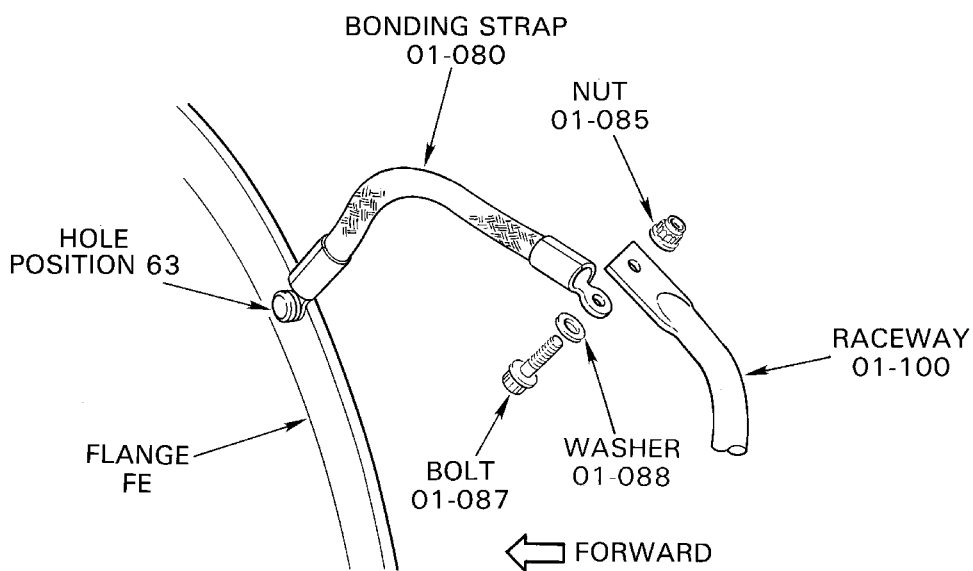


All EIPC Fig/item numbers are 71-51-50
unless identified differently

Remove the fan case raceway, (71-51-50, 01-100)
Figure 44 sheet 2

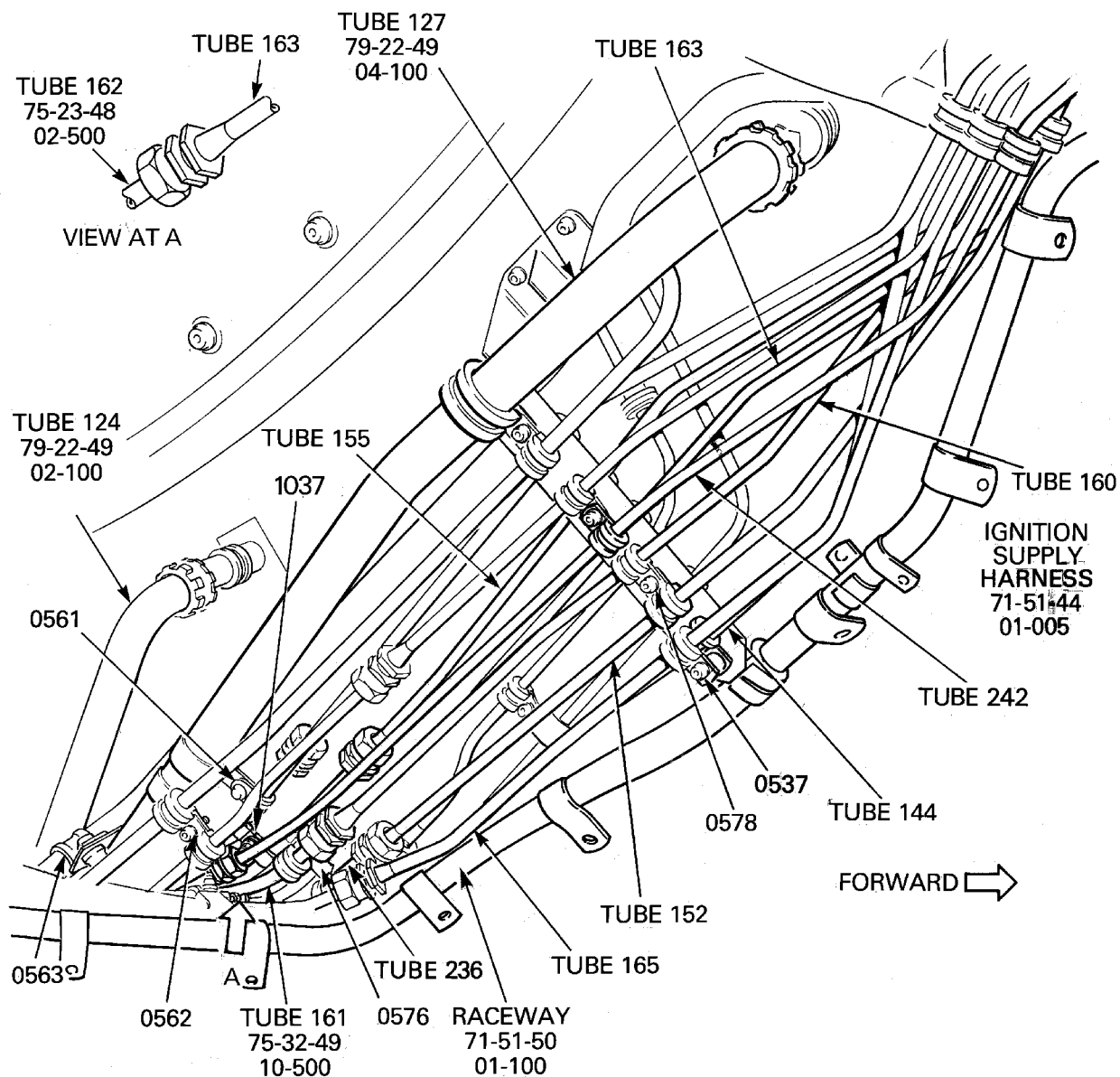


All EIPC Fig/item numbers are 71-51-50
unless identified differently



16538A

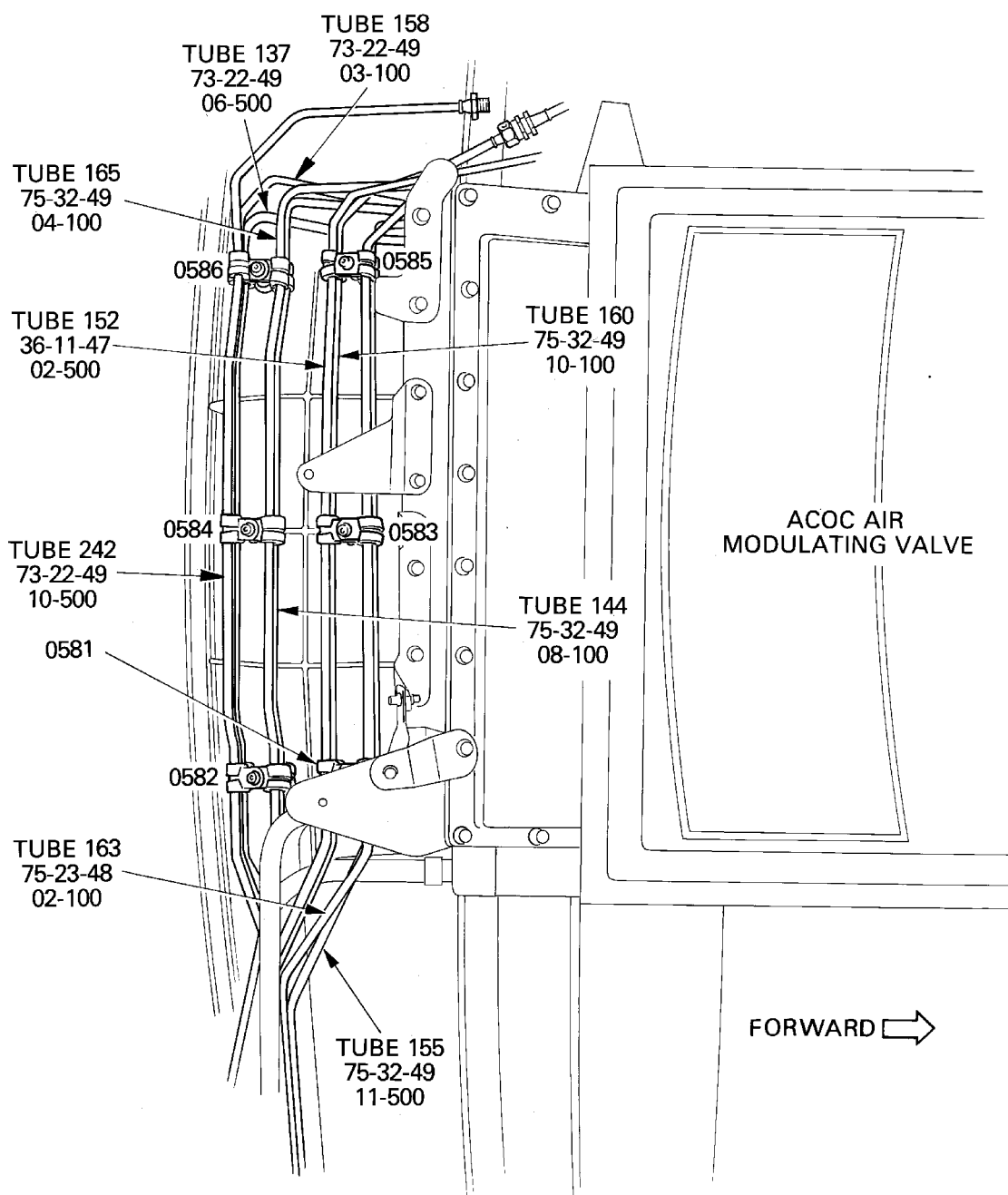
Remove the fancase raceway, (71-51-50, 01-100)
Figure 44 sheet 3



TUBE 144 - HPC 7th bleed valve air tube	75-32-49, 08-100
TUBE 165 - HPC 10th bleed valve air tube	75-32-49, 04-100
TUBE 160 - HPC 7th bleed valve air tube	75-32-49, 10-100
TUBE 155 - HPC 7th bleed valve air tube	75-32-49, 11-500
TUBE 152 - HP bleed control air tube	36-11-47, 02-500
TUBE 163 - On/off valve air tube	75-23-48, 02-100
TUBE 236 - HP bleed control air tube	36-11-47, 02-100

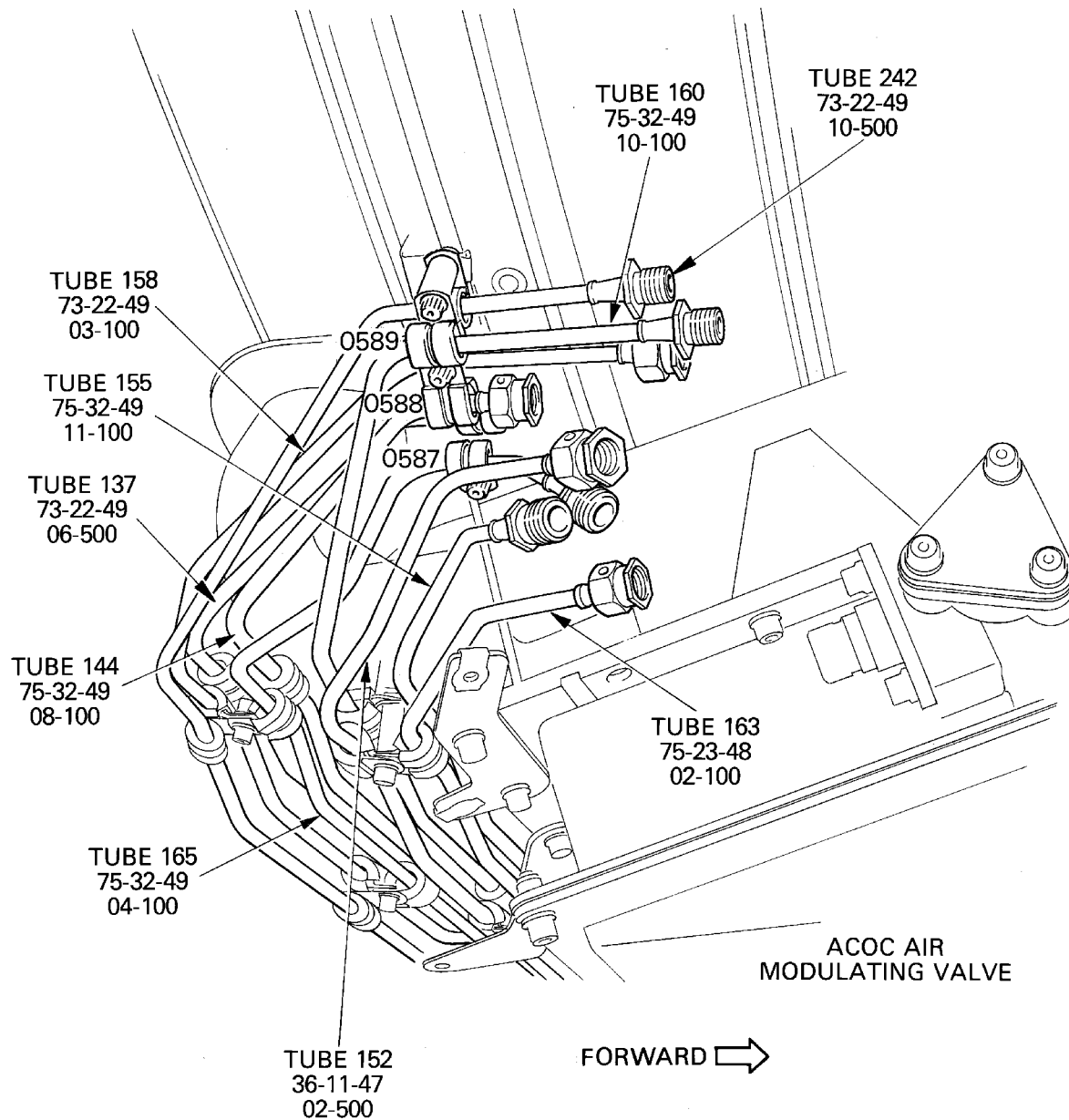
16519A

Remove the fan case lower right-side tubes
Figure 45 sheet 1



16515A

Remove the fan case right rear side tubes
Figure 45 sheet 2



16516A

Remove the fan case right rear side tubes
Figure 45 sheet 3

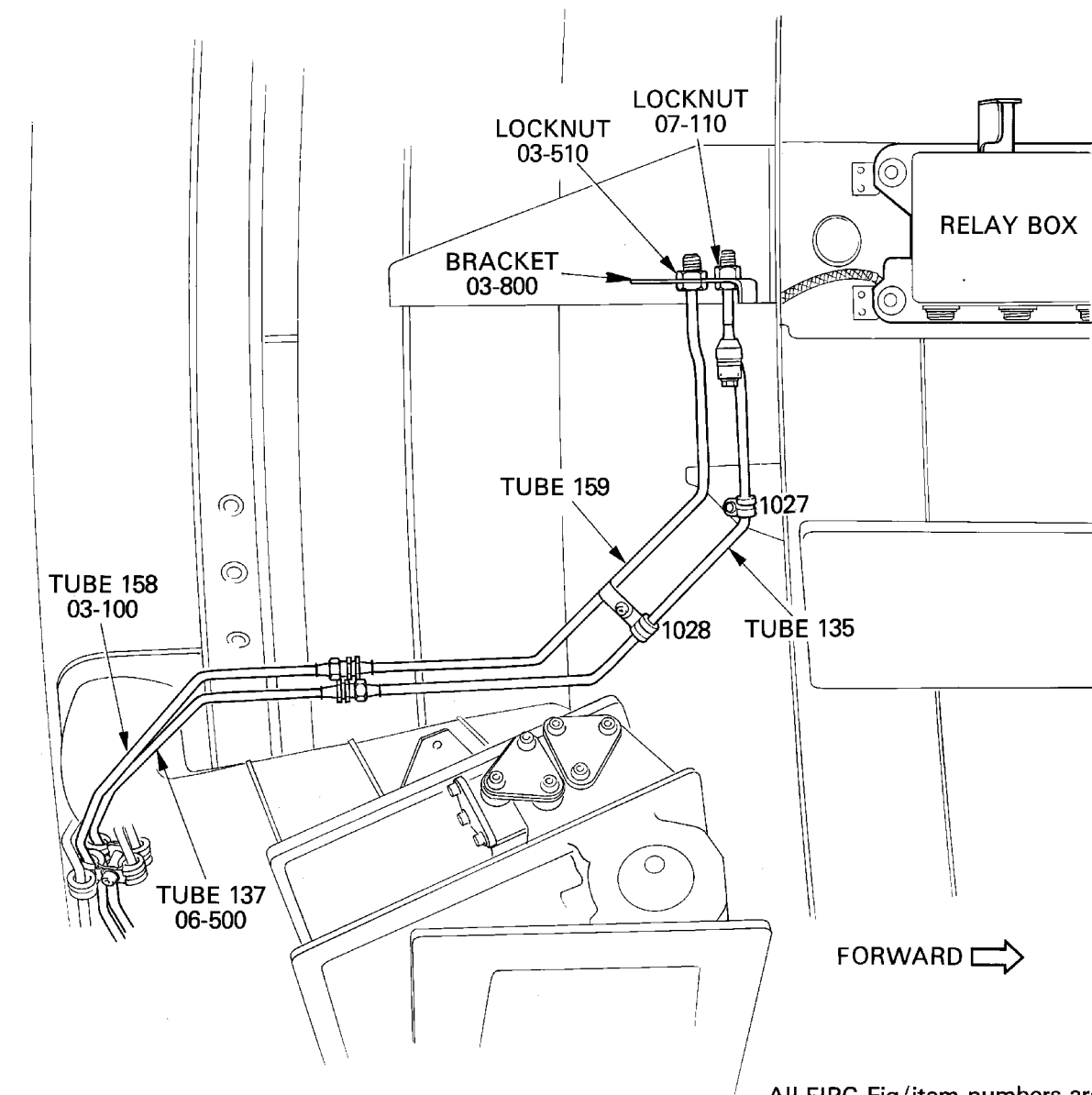
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VIEW ON A

TUBE 135 — Tube 07-100
TUBE 159 — Tube 03-500

All EIPC Fig/item numbers are
73-22-49
unless identified differently

16513B

Remove the fancase right rear side tubes
Figure 45 sheet 4

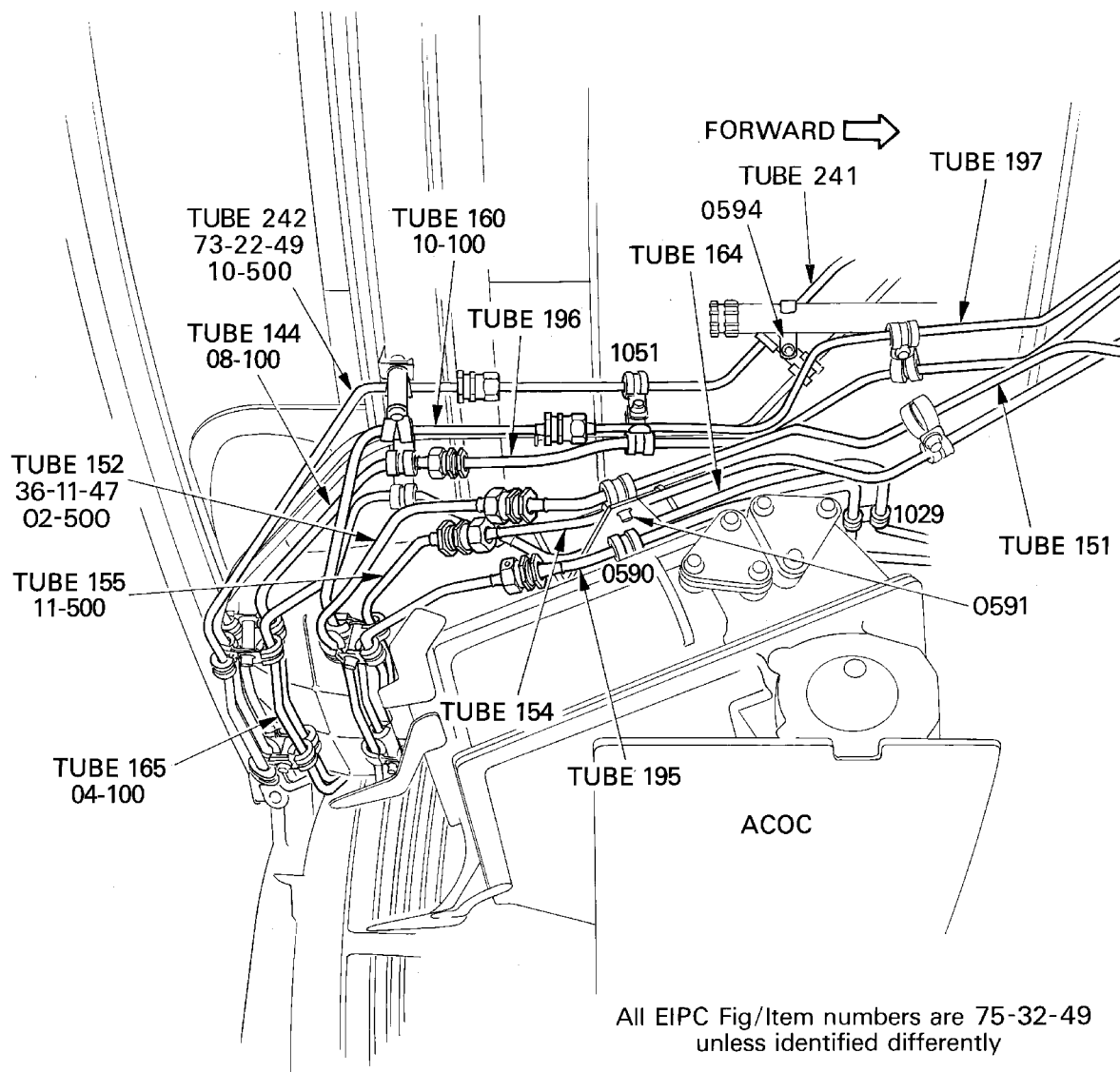
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16500A

Remove the fan case right rear side tubes
Figure 45 sheet 5

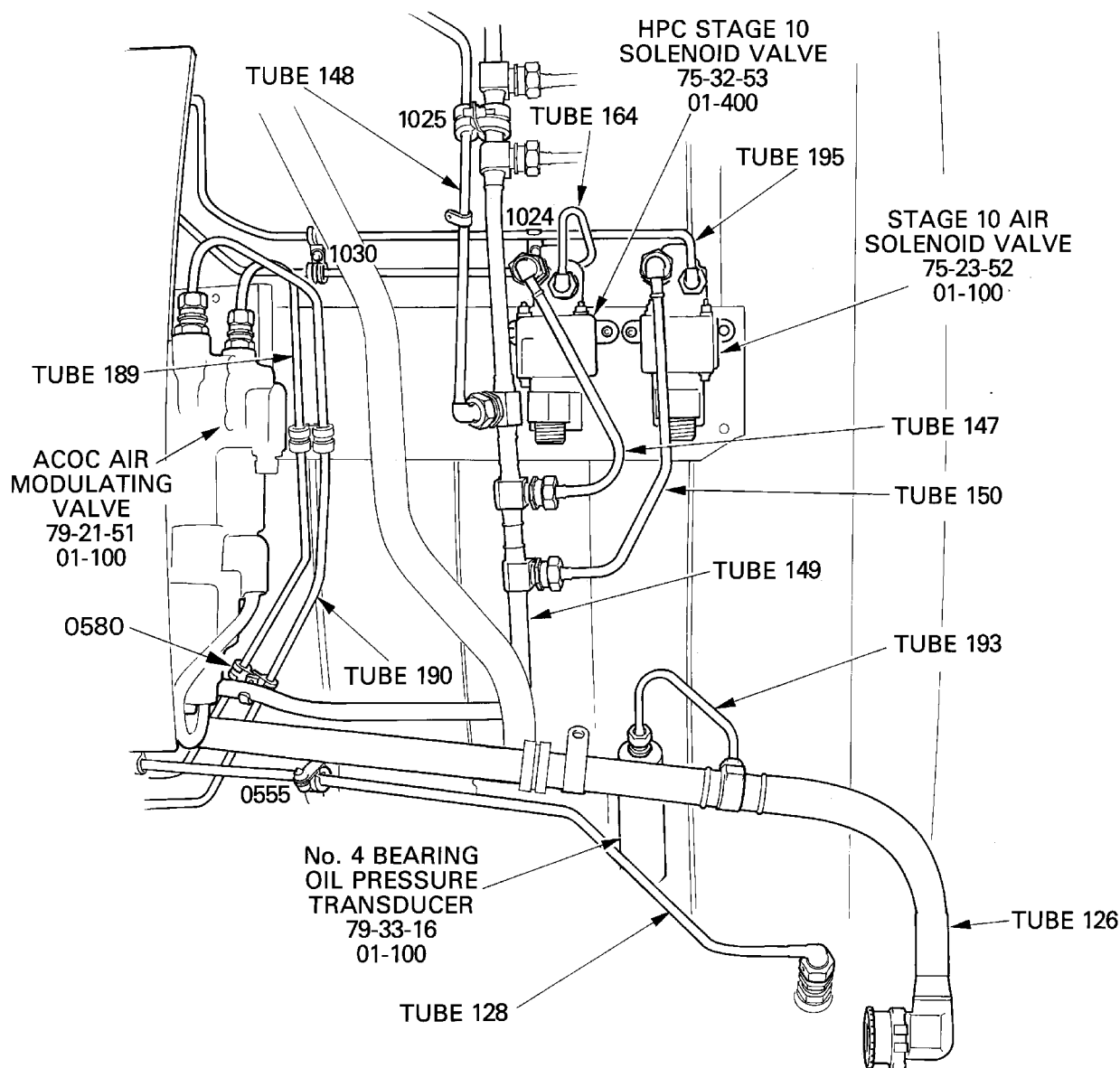
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FORWARD ➡

16502B

Remove the fan case right rear side tubes
Figure 45 sheet 6

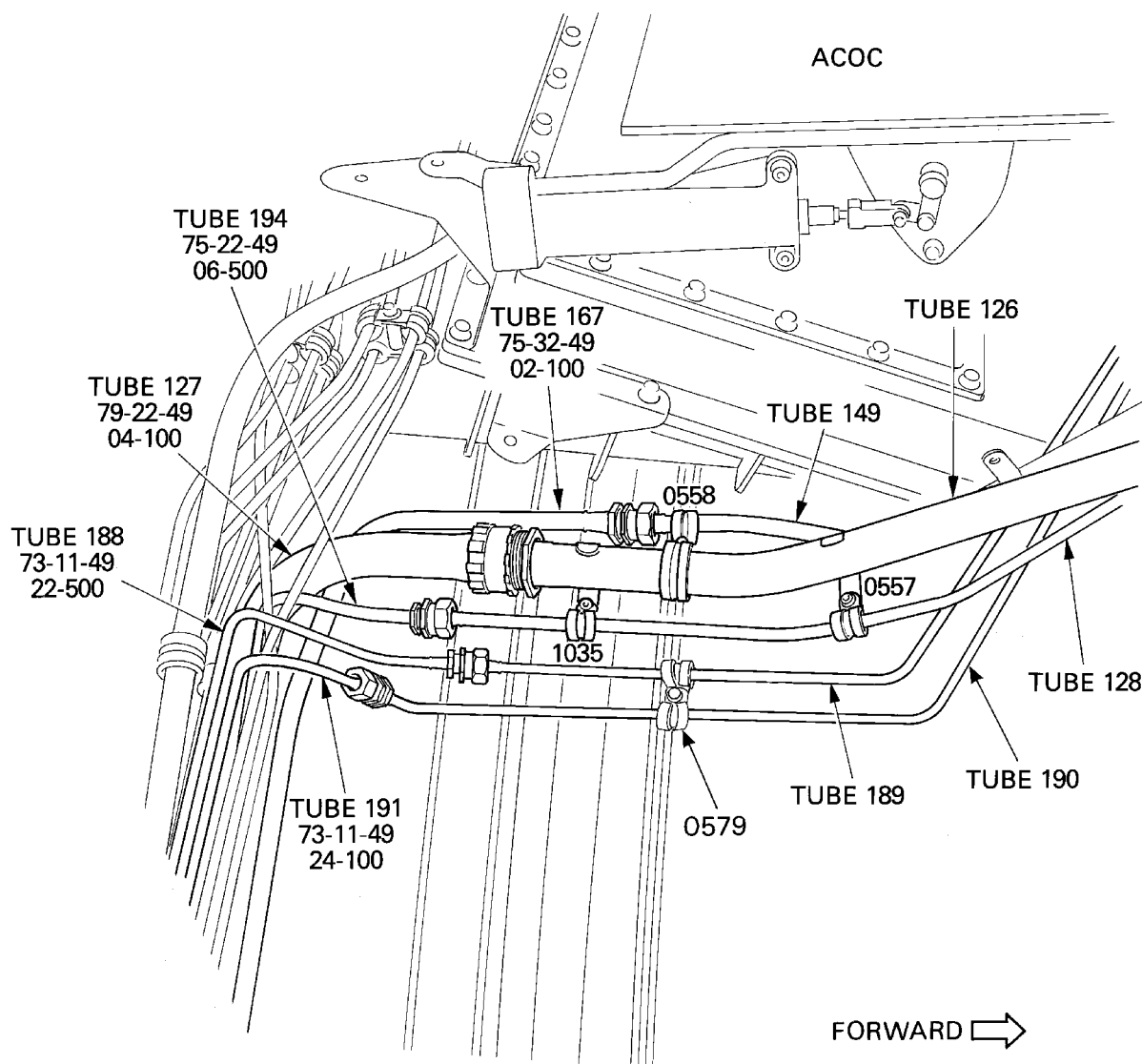
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16503A

Remove the fan case right rear side tubes
Figure 45 sheet 7

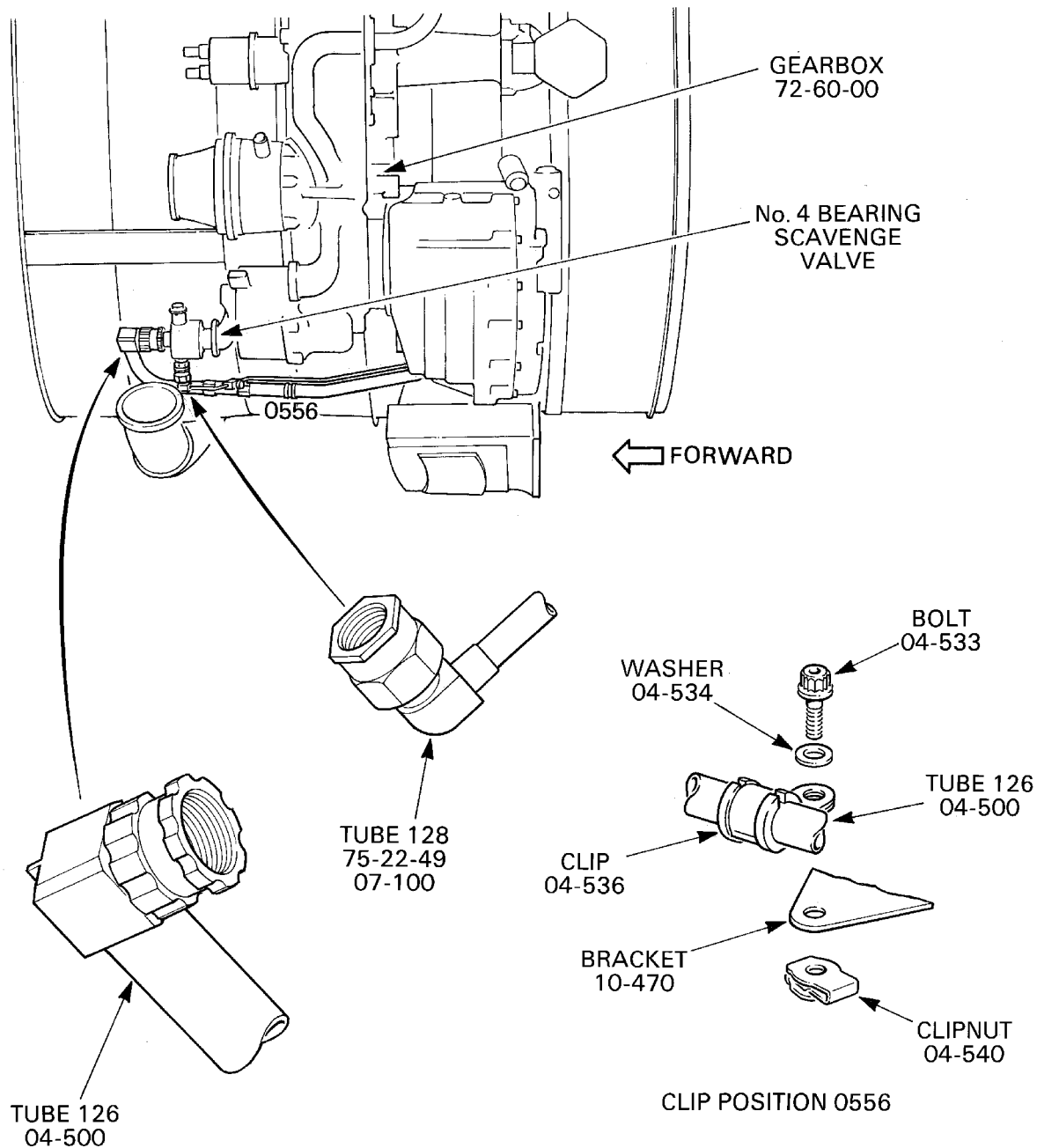
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All EIPC Fig/item numbers are 79-22-49 unless identified differently

15656A

Remove the fan case right rear side tubes
Figure 45 sheet 8

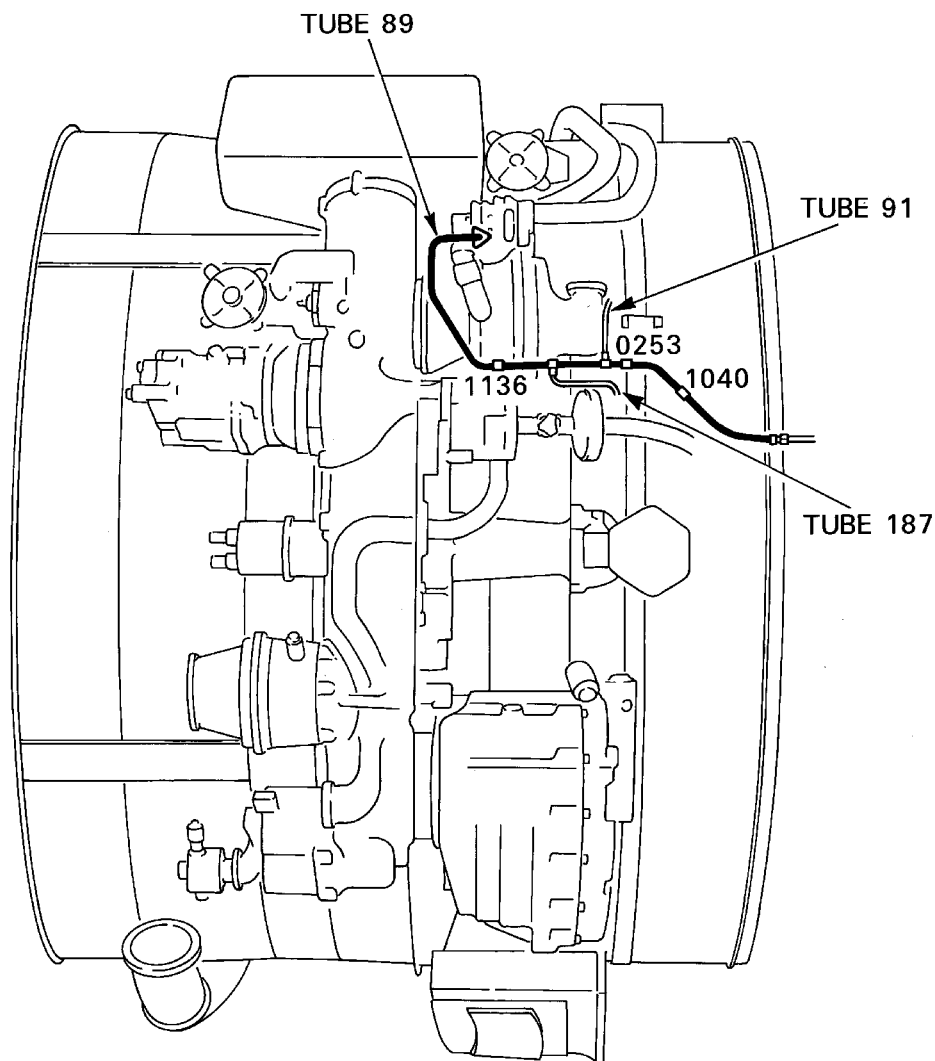
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TUBE 89 - Fuel tube 73-11-49, 10-100

TUBE 91 - Fuel tube 73-11-49, 25-100

TUBE 187 - Fuel tube 73-11-49, 22-100

B3812

Remove the fancase right rear side tubes
Figure 45 sheet 9

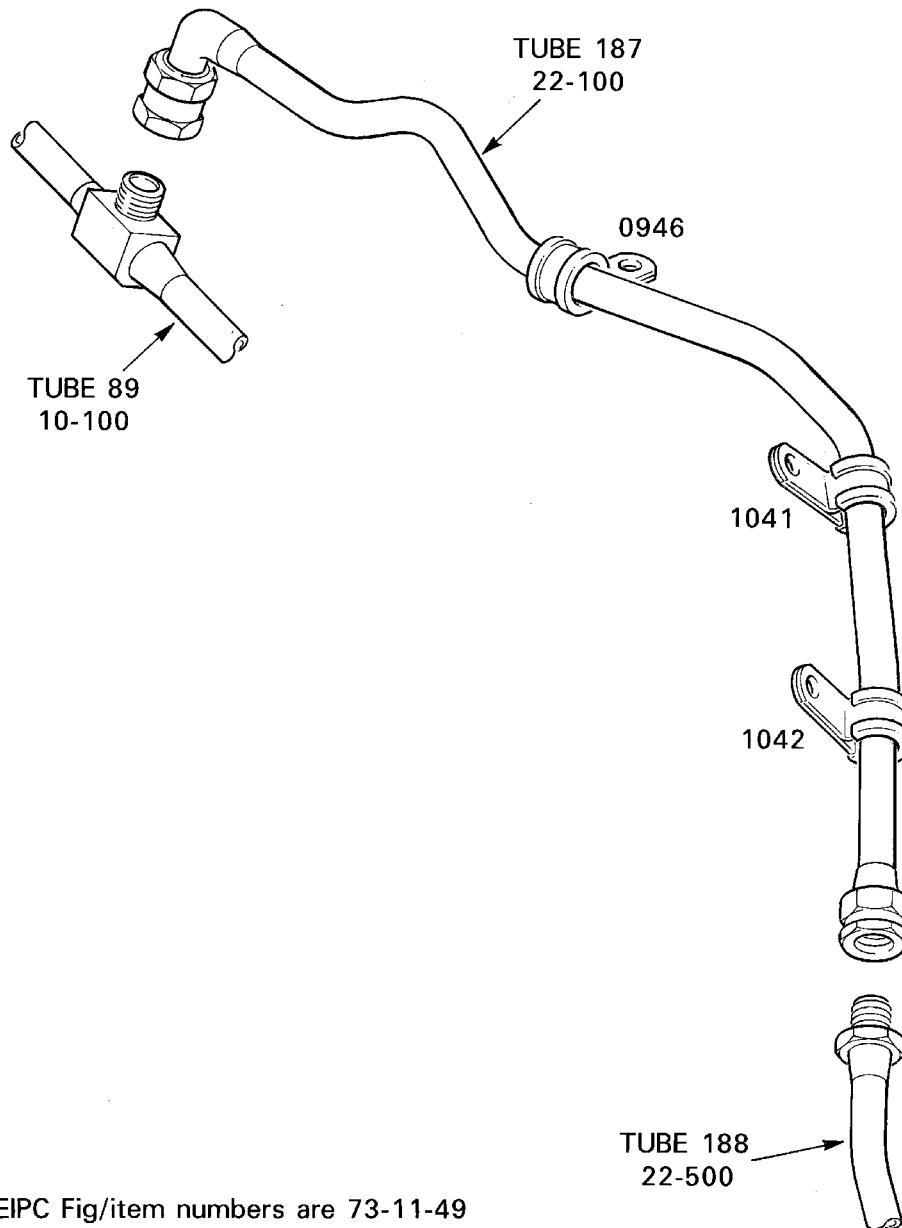
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All EIPC Fig/item numbers are 73-11-49

B3800

Remove the fan case right rear side tubes
Figure 45 sheet 10

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International Aero Engines

SERVICE BULLETIN

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de00088888

Figure 46

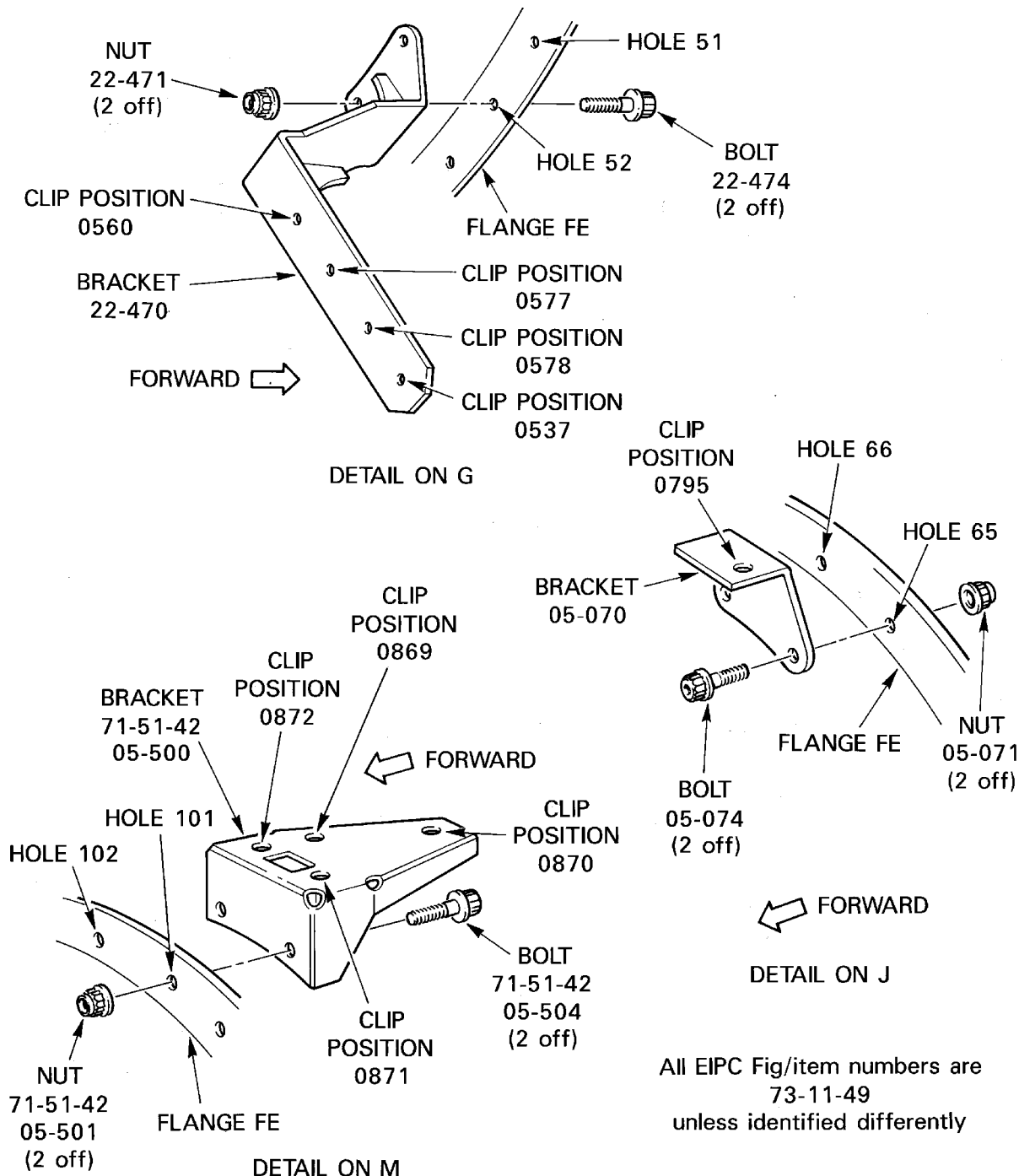
Nov. 12/03
Nov. 12/03

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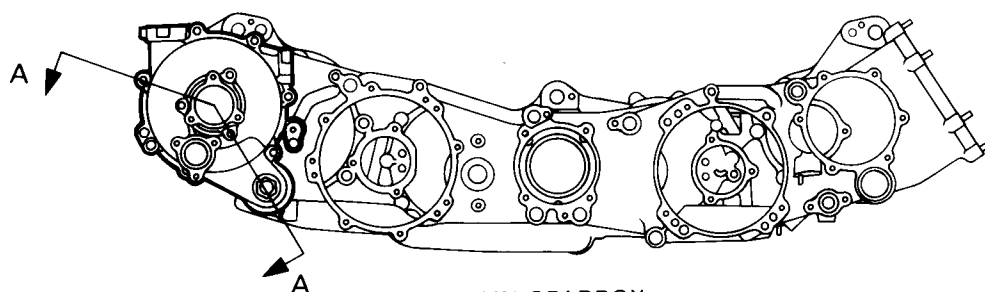
© Rolls-Royce plc

Not subject to the EAR per 15 C.F.R. Chapter 1, Part 734.3(b)(3).

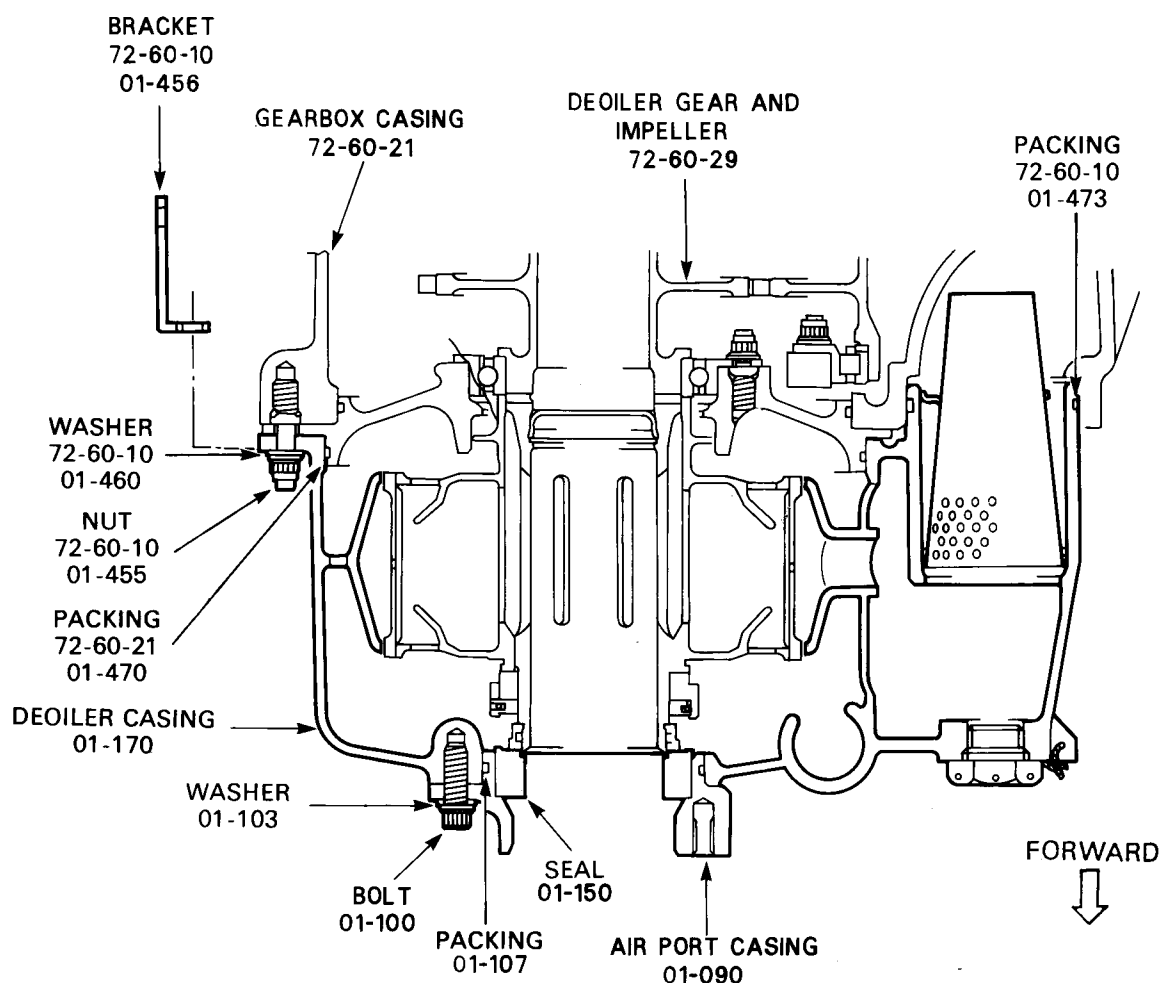


B3276

Remove the tube support bracket (73-11-49, 22-470) at the flange FE
Figure 47



MAIN GEARBOX
FRONT VIEW



SECTION A-A

All IPC Fig/Item numbers are 72-60-31 unless identified differently

Remove the tube support bracket (72-60-10, 01-456) from the de-oiler casing flange
Figure 48

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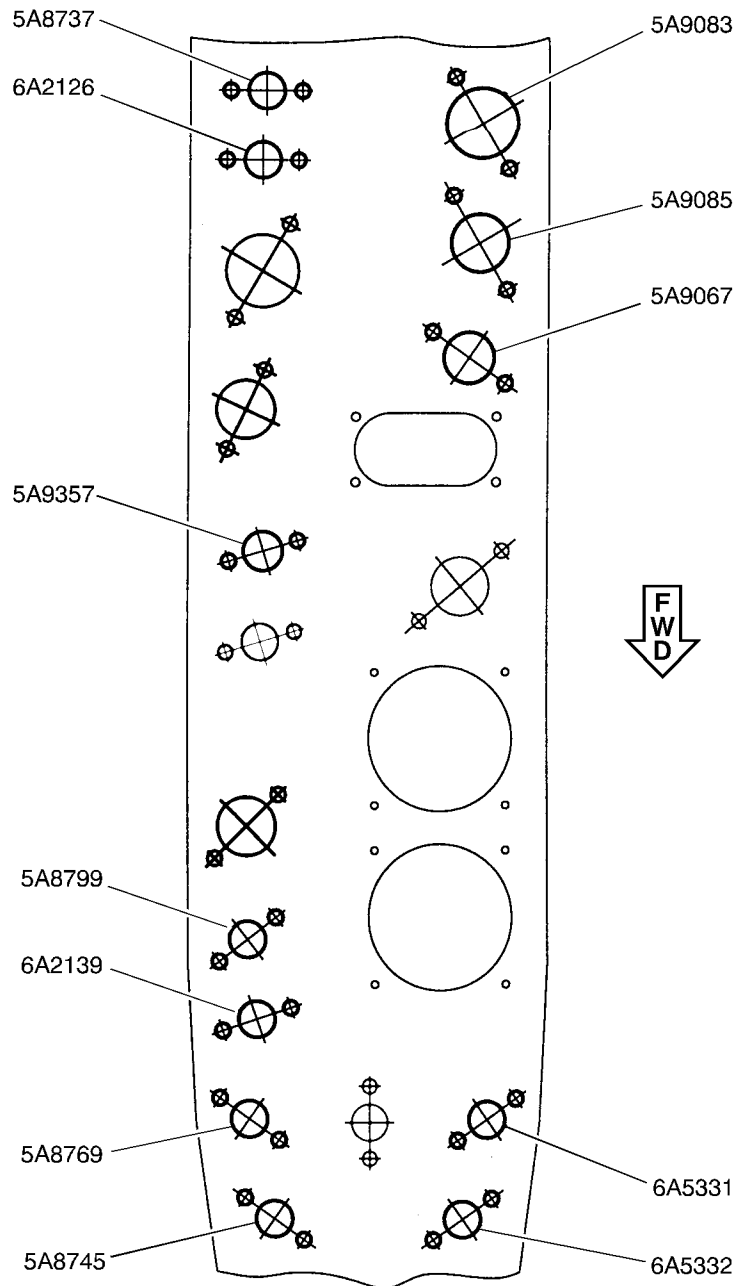
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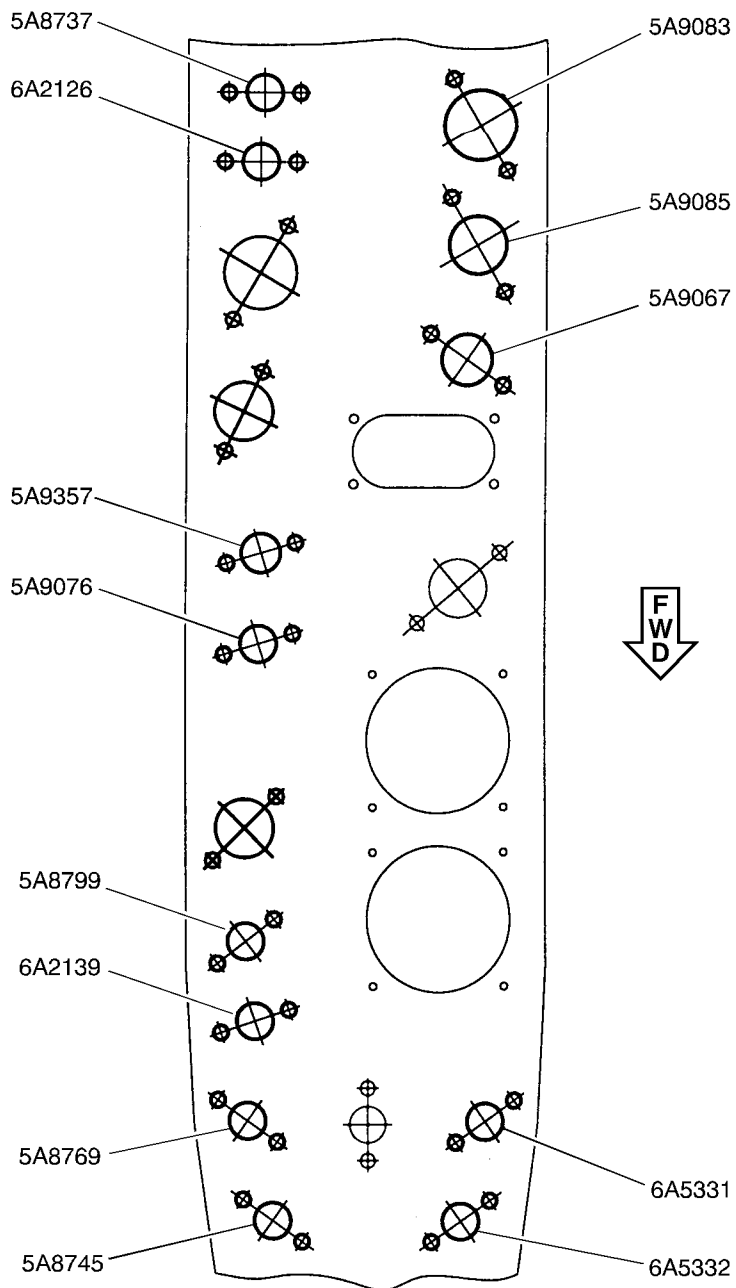
Not subject to the EAR per 15 C.F.R. Chapter 1, Part 734.3(b)(3).

de00010079b

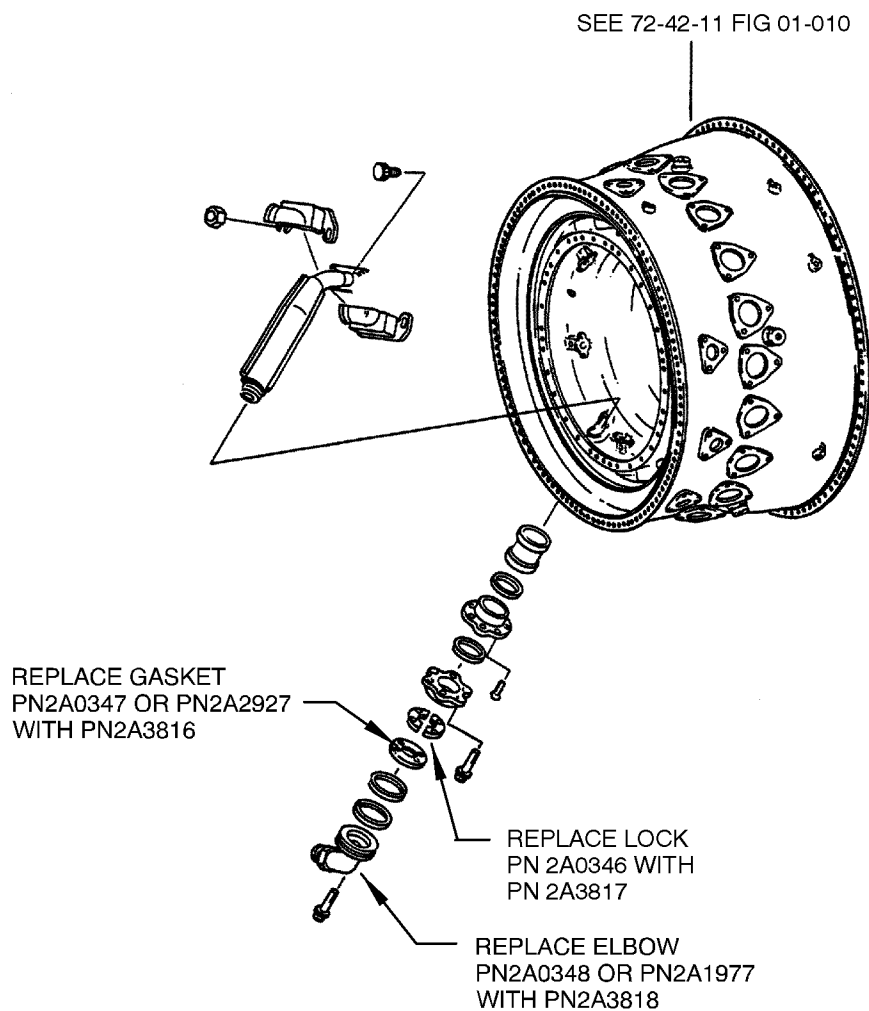


SBE 75-0081: Bifurcation panel - Fancase tubes before alteration
Figure 49 sheet 1

dem0001426a



Pre SBE 75-0081: Bifurcation panel - Fancase tubes before alteration
Figure 49 sheet 2

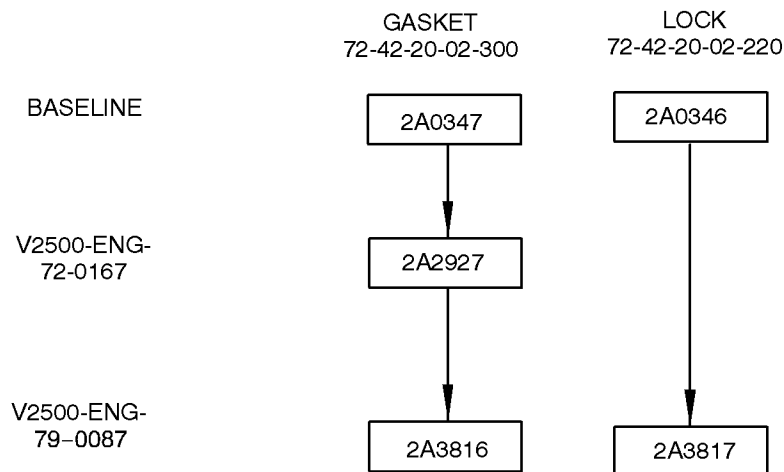


Remove and install replacement elbow assembly
Figure 50



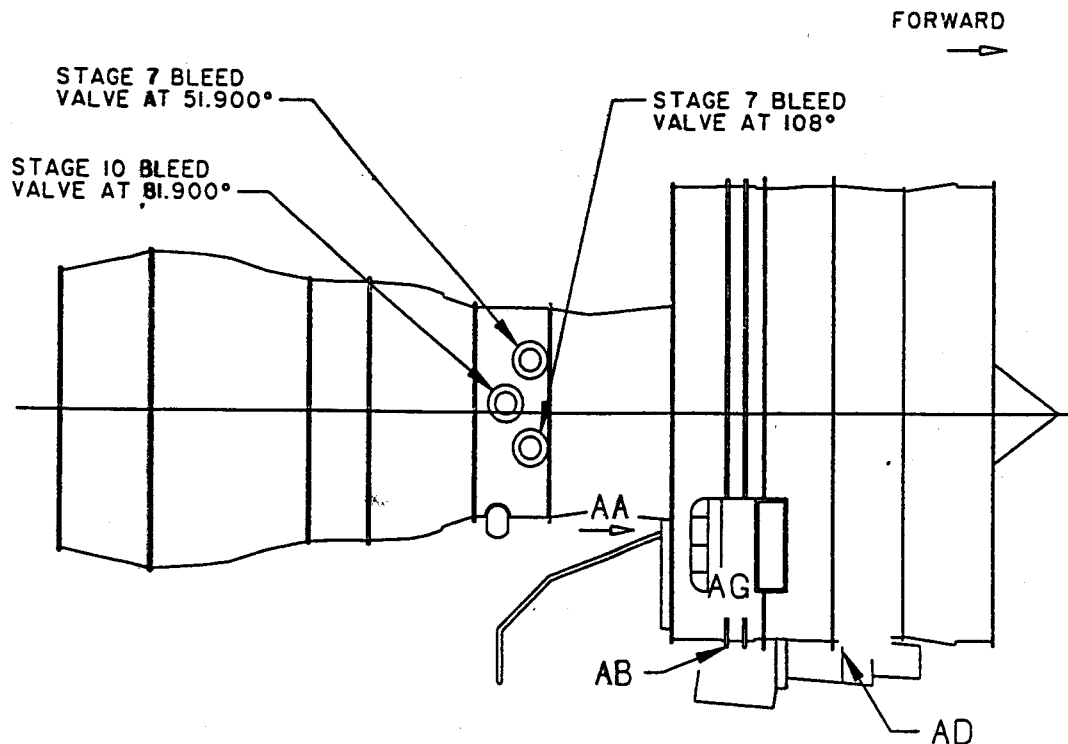
MODIFICATIONS

PART NUMBER CHANGE



ded0005231a

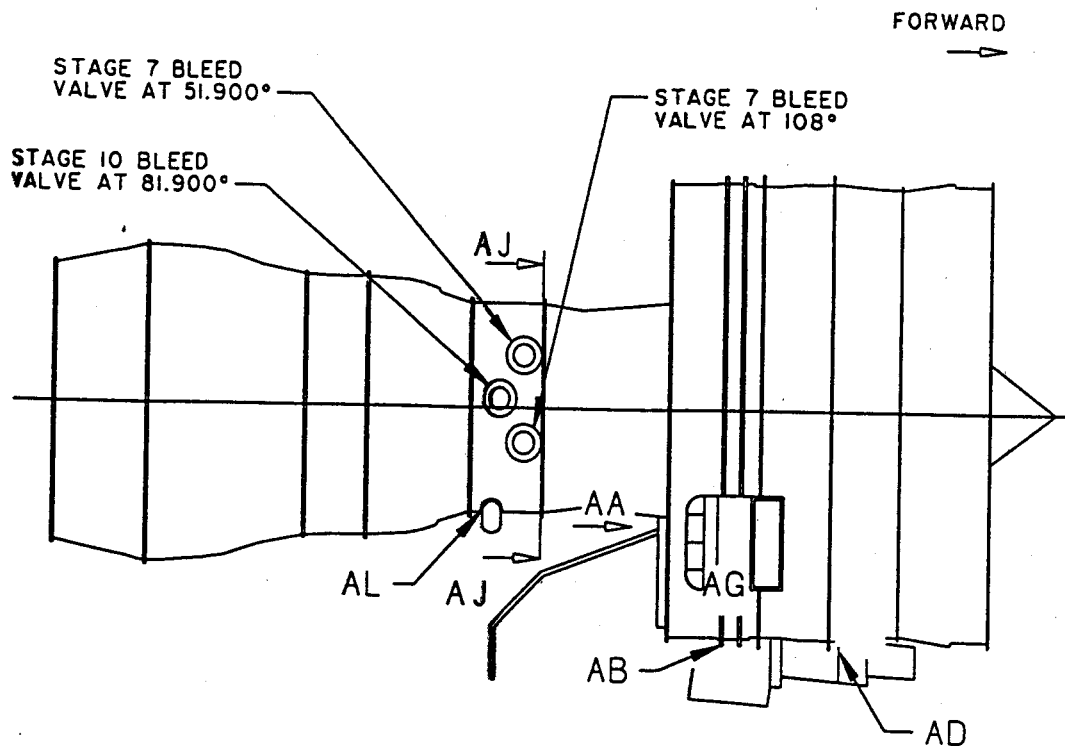
Family Tree - elbow assembly
Figure 51



ANGLES ARE IN DEGREES AND DECIMAL PARTS OF A DEGREE

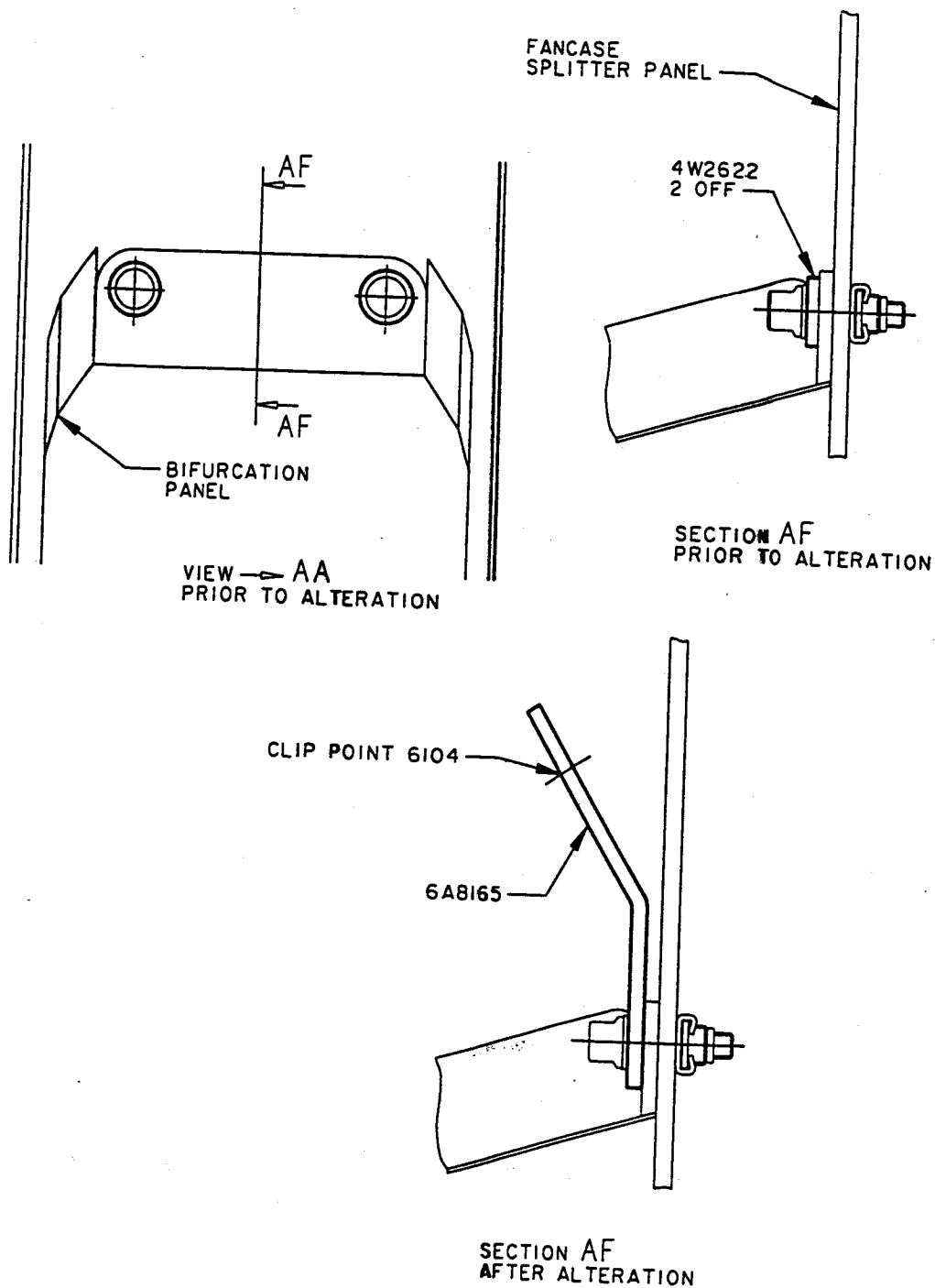
View showing the new and revised support bracket locations
Figure 52 sheet 1

dem0001418



ANGLES ARE IN DEGREES AND DECIMAL PARTS OF A DEGREE

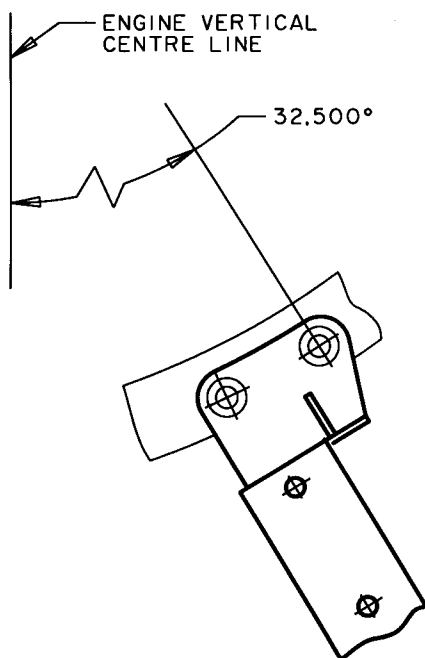
View showing the new and revised support bracket locations
Figure 52 sheet 2



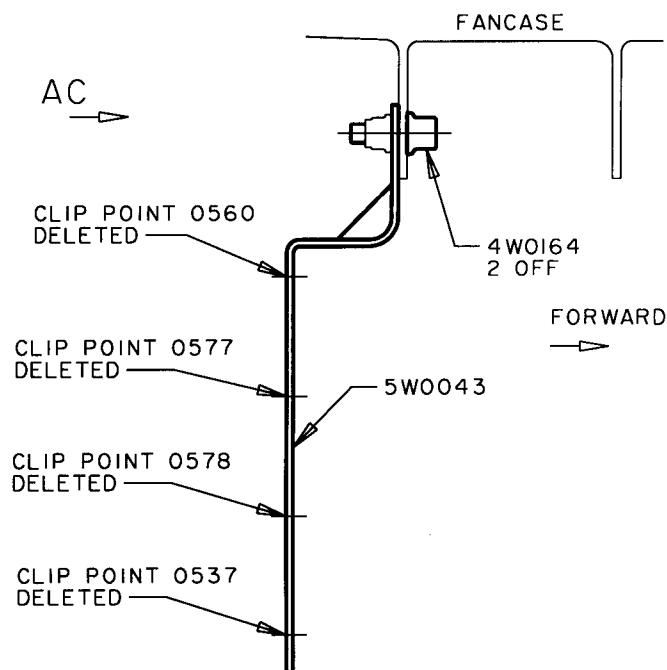
View showing the new and revised support bracket locations
Figure 52 sheet 3

dem0001419

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VIEW → AC
PRIOR TO ALTERATION



VIEW AT AB
PRIOR TO ALTERATION

ded0004950

View showing the new and revised support bracket locations
Figure 52 sheet 4

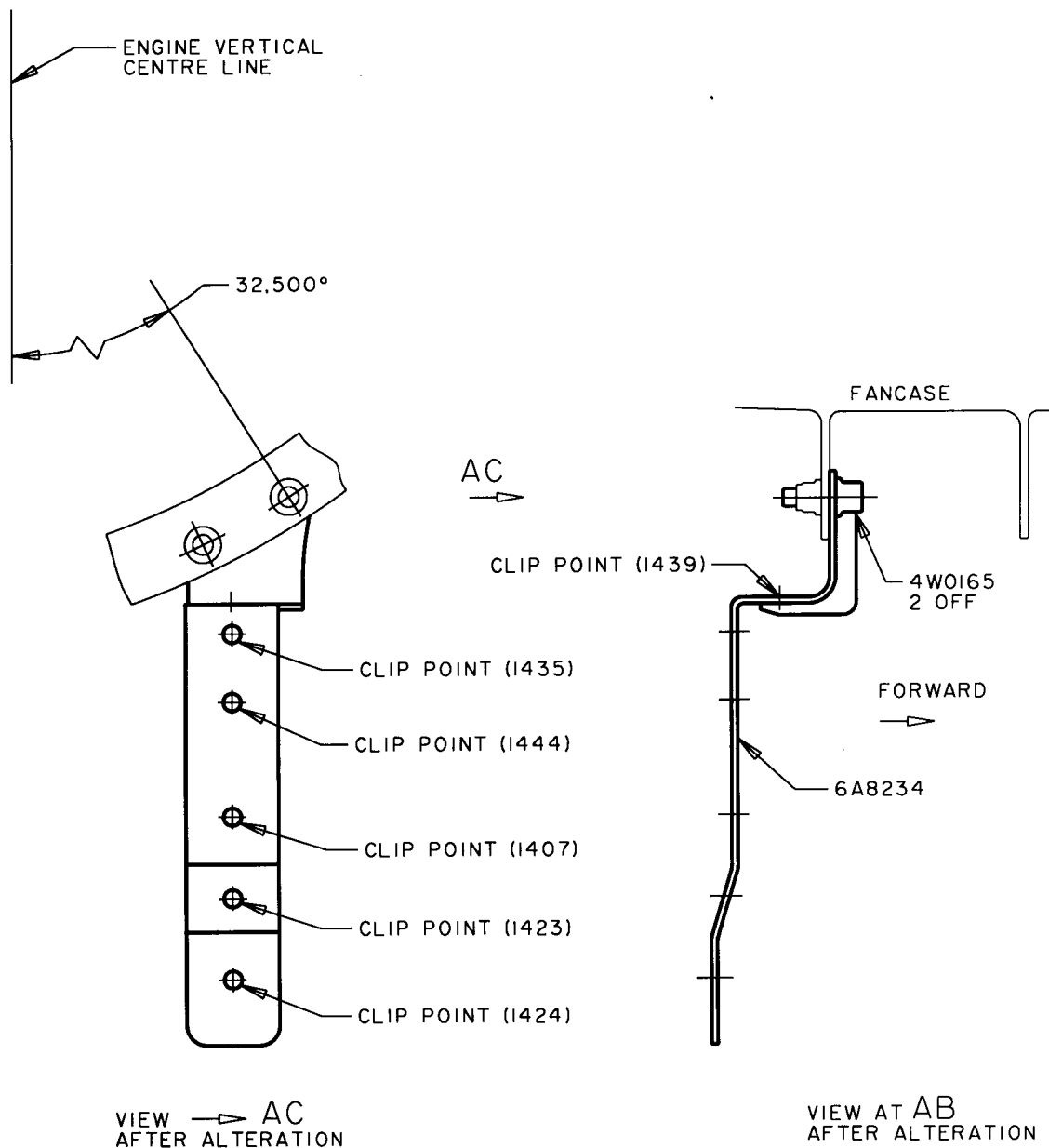
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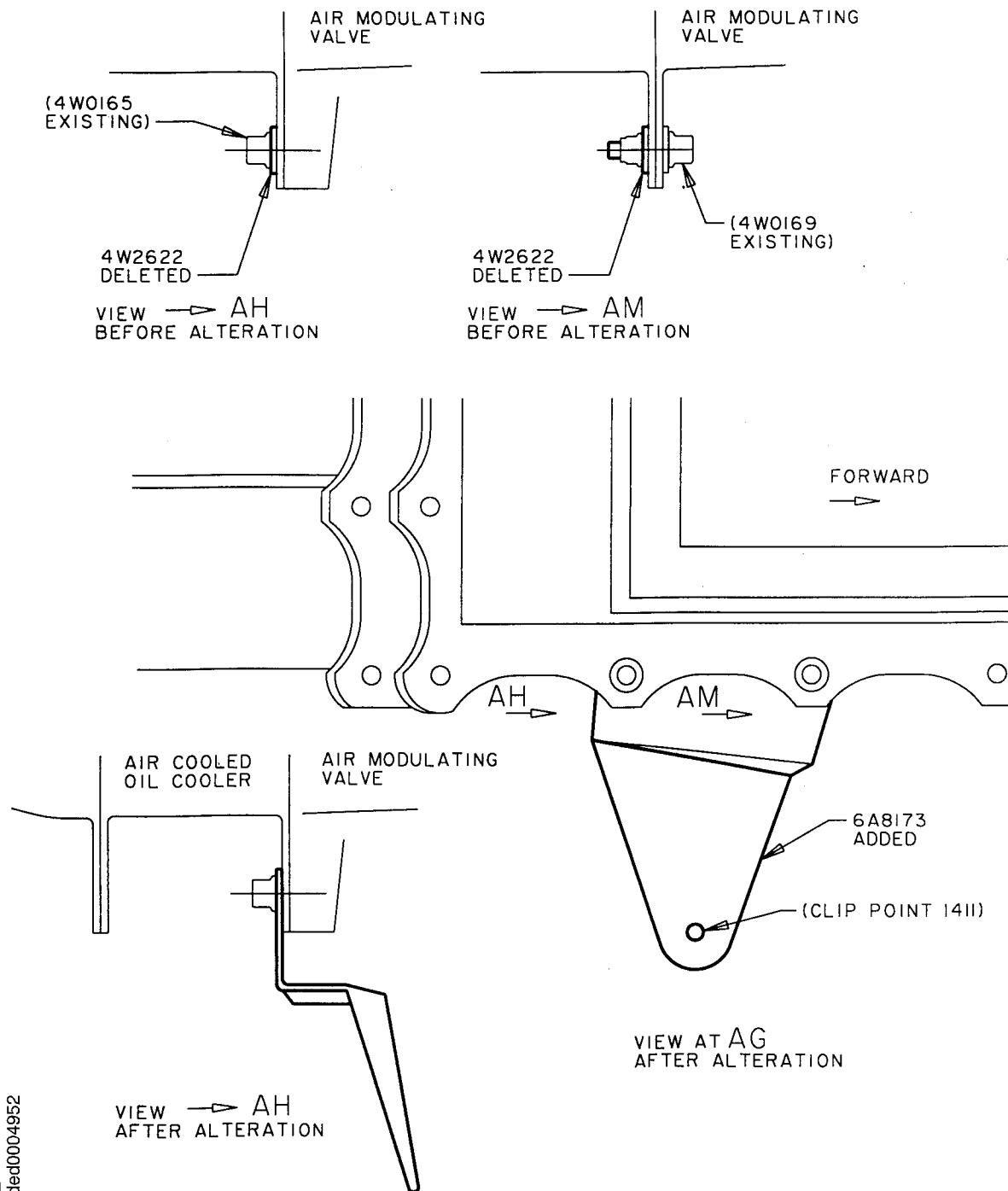
Not subject to the EAR per 15 C.F.R. Chapter 1, Part 734.3(b)(3).



View showing the new and revised support bracket locations
Figure 52 sheet 5



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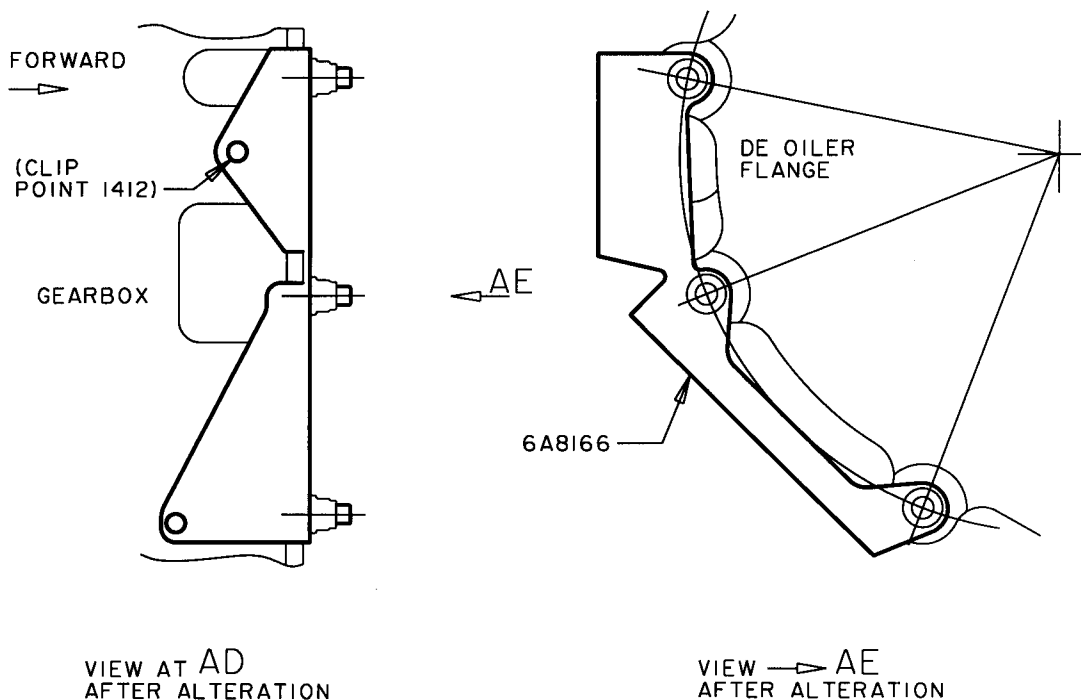
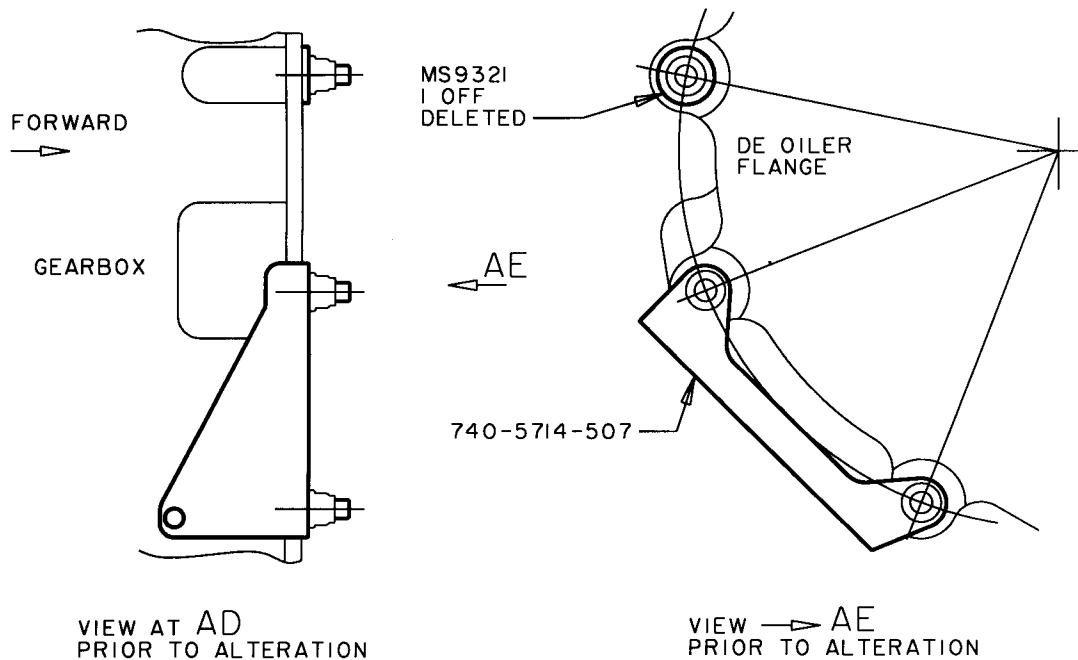


ded0004952

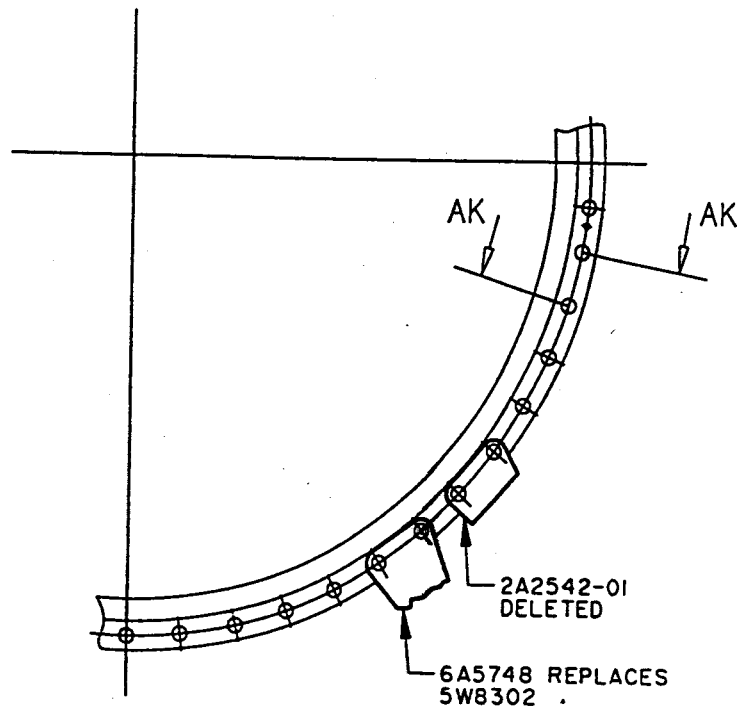
View showing the new and revised support bracket locations
Figure 52 sheet 6

7

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View showing the new and revised support bracket locations
Figure 52 sheet 7



PART SECTION AJ
(LOOKING FORWARD)

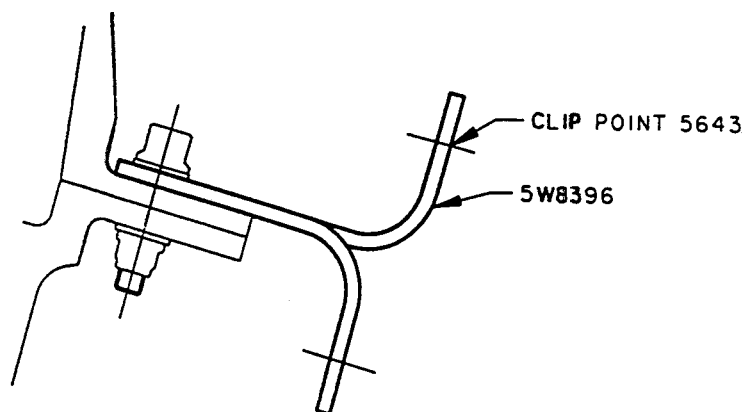
dem0001606

View showing the new and revised support bracket locations
Figure 52 sheet 8

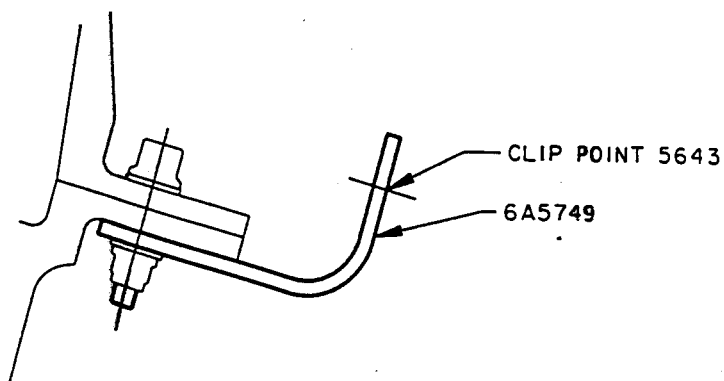
Nov.12/03
Nov.12/03

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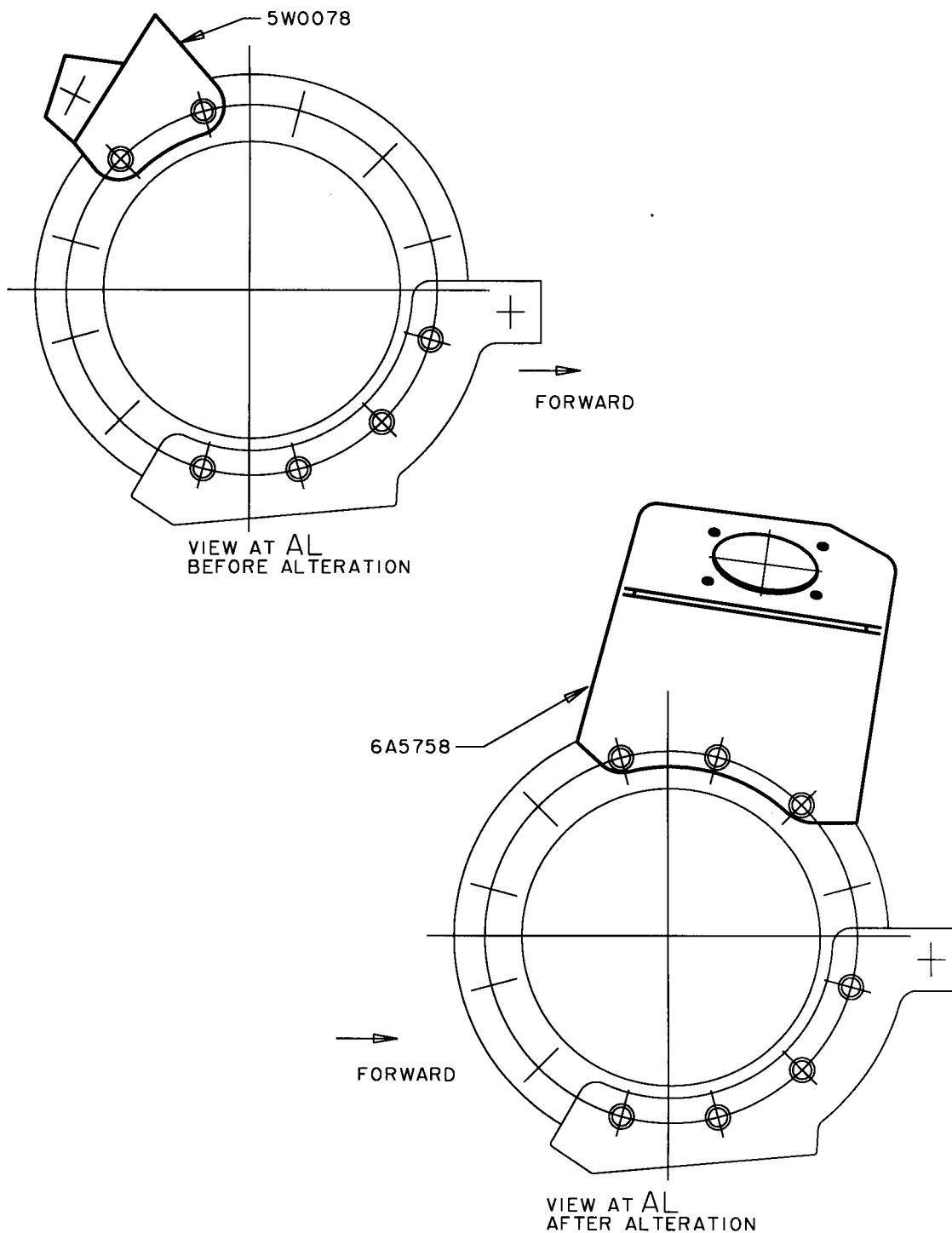
SECTION AK
BEFORE ALTERATION



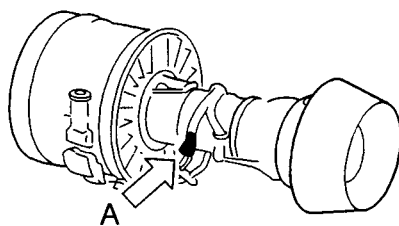
SECTION AK
AFTER ALTERATION

View showing the new and revised support bracket locations
Figure 52 sheet 9

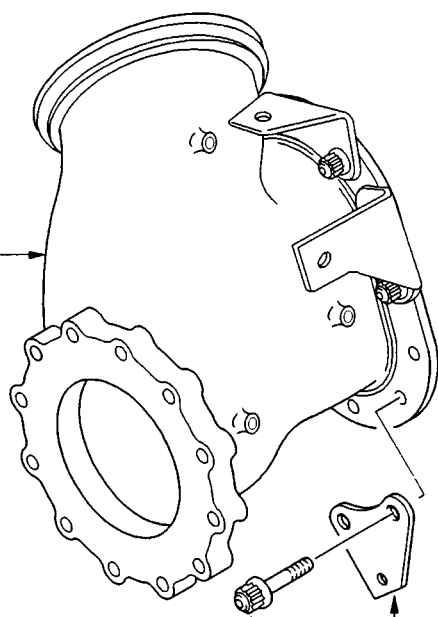
dem0001607



View showing the new and revised support bracket locations
Figure 52 sheet 10



ENGINE AIR OFF-TAKE
DUCT (Ref)

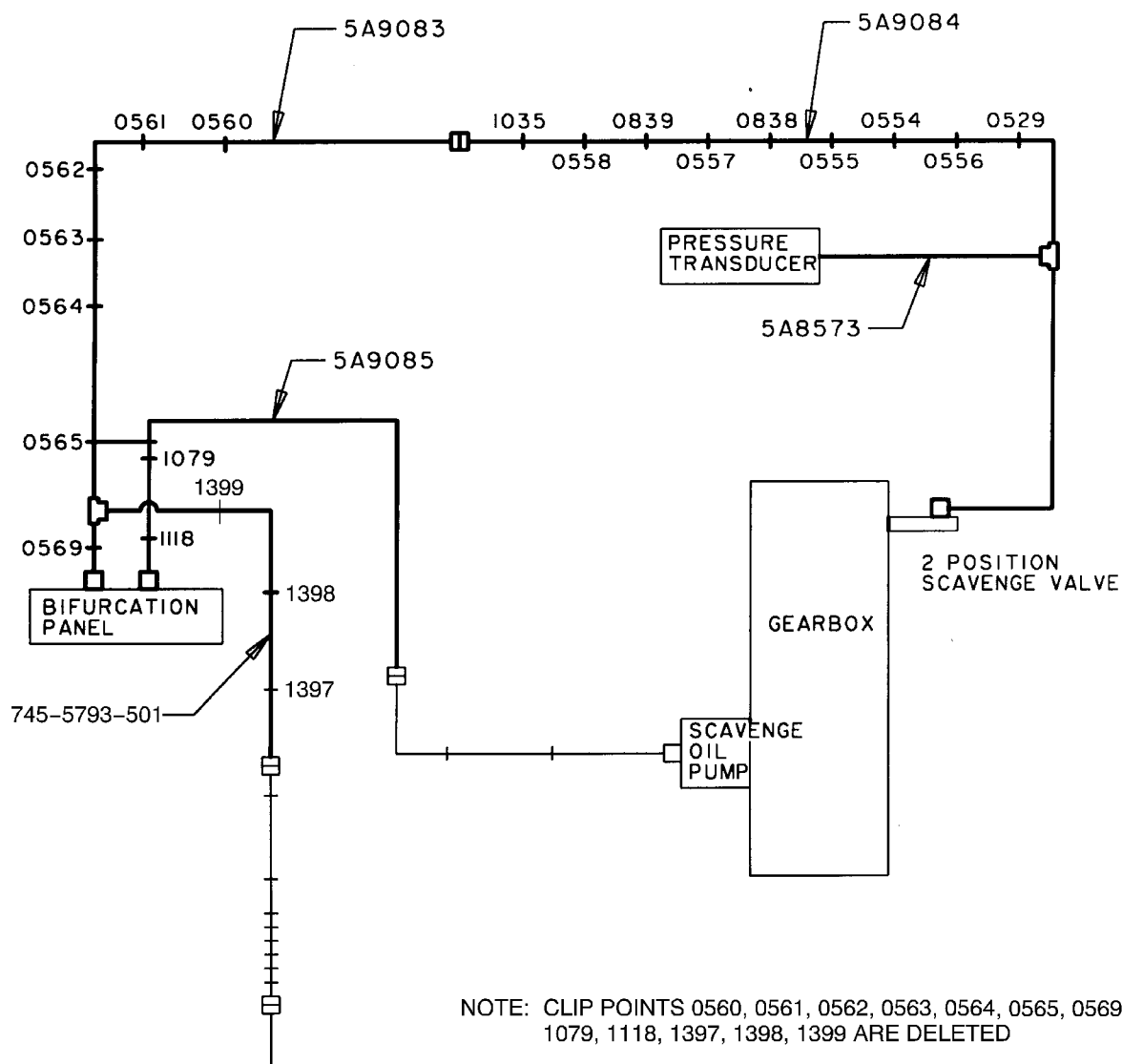


INSTALL
745-5069-501
BRACKET

REMOVE AND INSTALL
4W0651 BOLTS (2 off)

A

View showing the new and revised support bracket locations
Figure 52 sheet 11

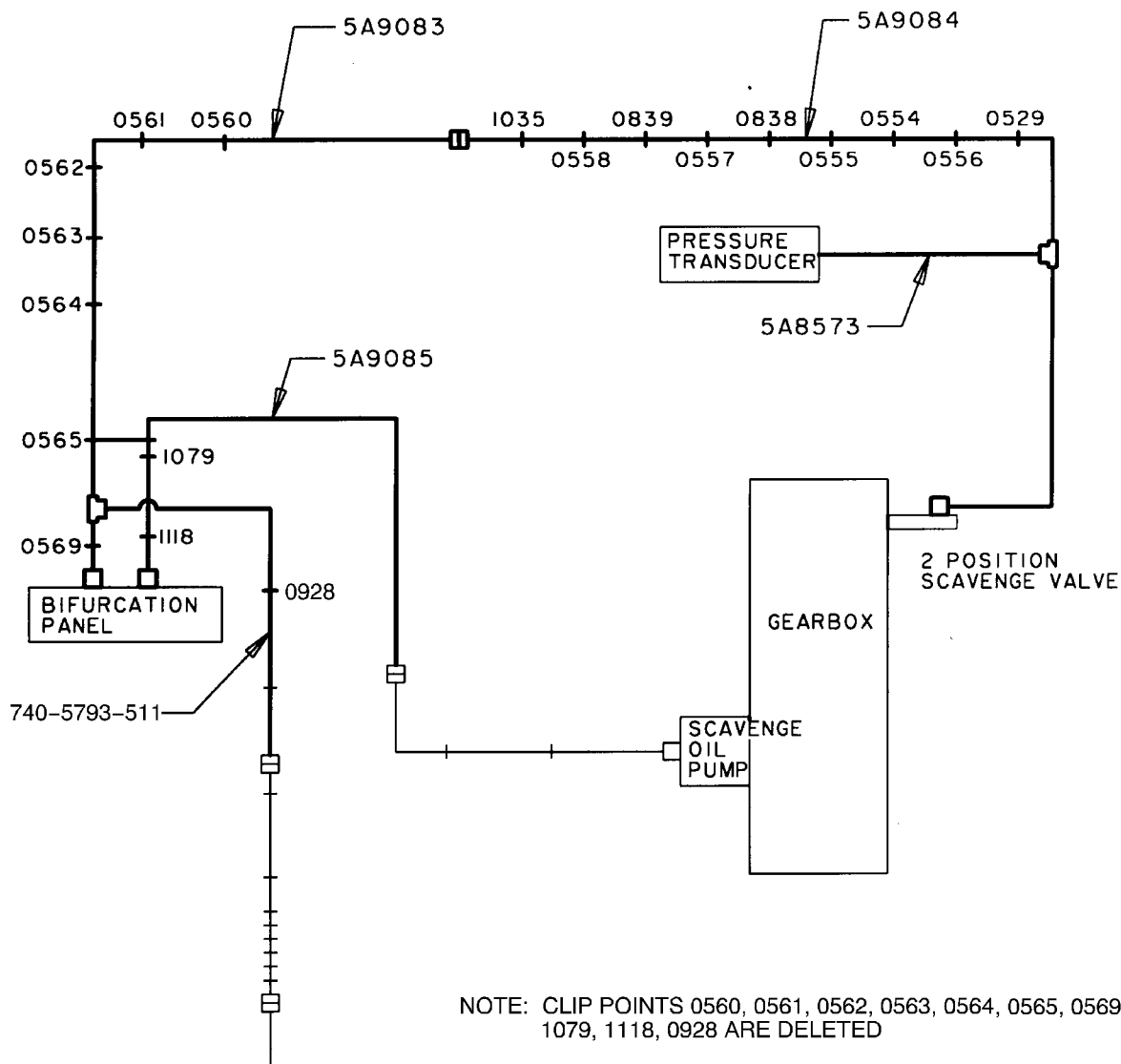


NOTE: CLIP POINTS 0560, 0561, 0562, 0563, 0564, 0565, 0569
1079, 1118, 1397, 1398, 1399 ARE DELETED

CLIP POINTS 0529, 0554, 0555, 0556, 0557, 0558, 0838
0839, 1035 ARE REMOVED FROM THIS LINE

dem0001430

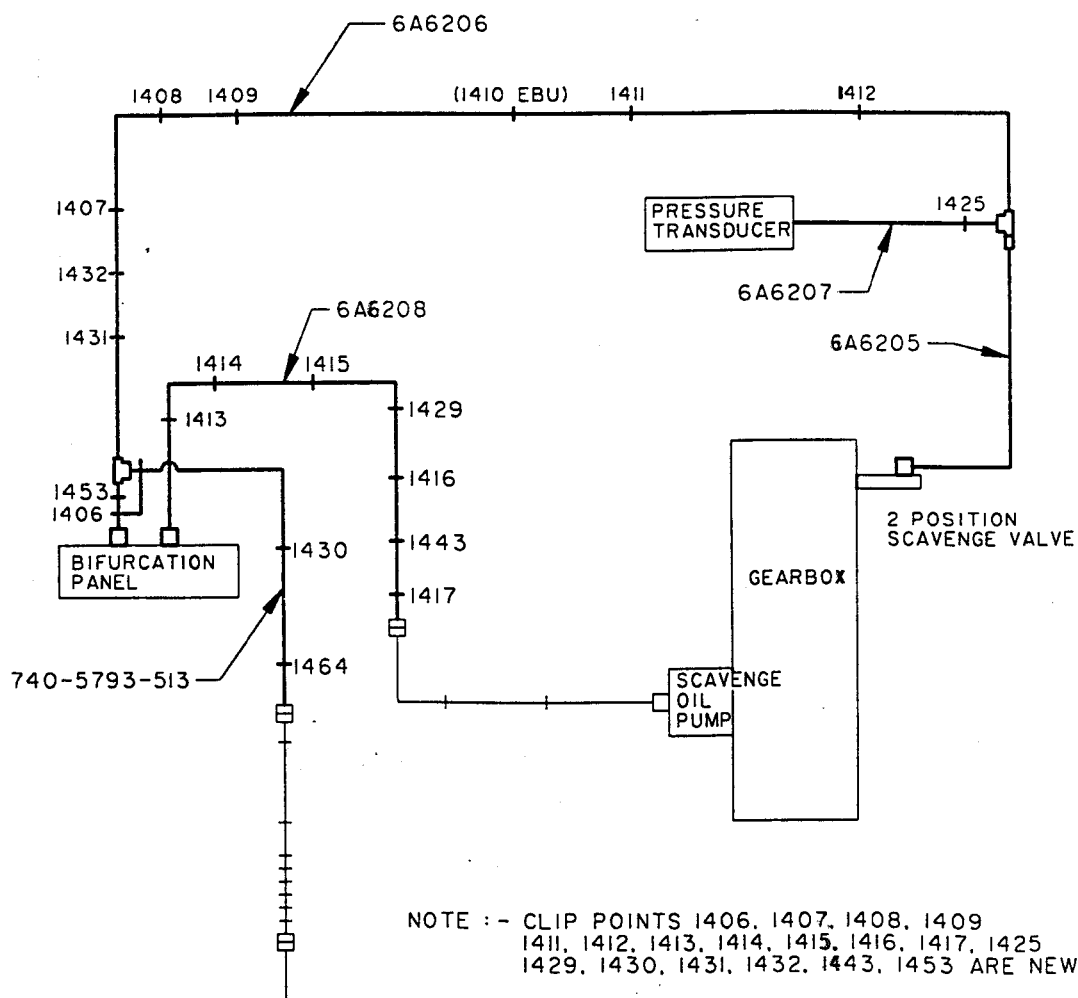
Pre SBE 75-0081: Fancase oil scavenge tubes - before alteration
Figure 53 sheet 1



NOTE: CLIP POINTS 0560, 0561, 0562, 0563, 0564, 0565, 0569
1079, 1118, 0928 ARE DELETED

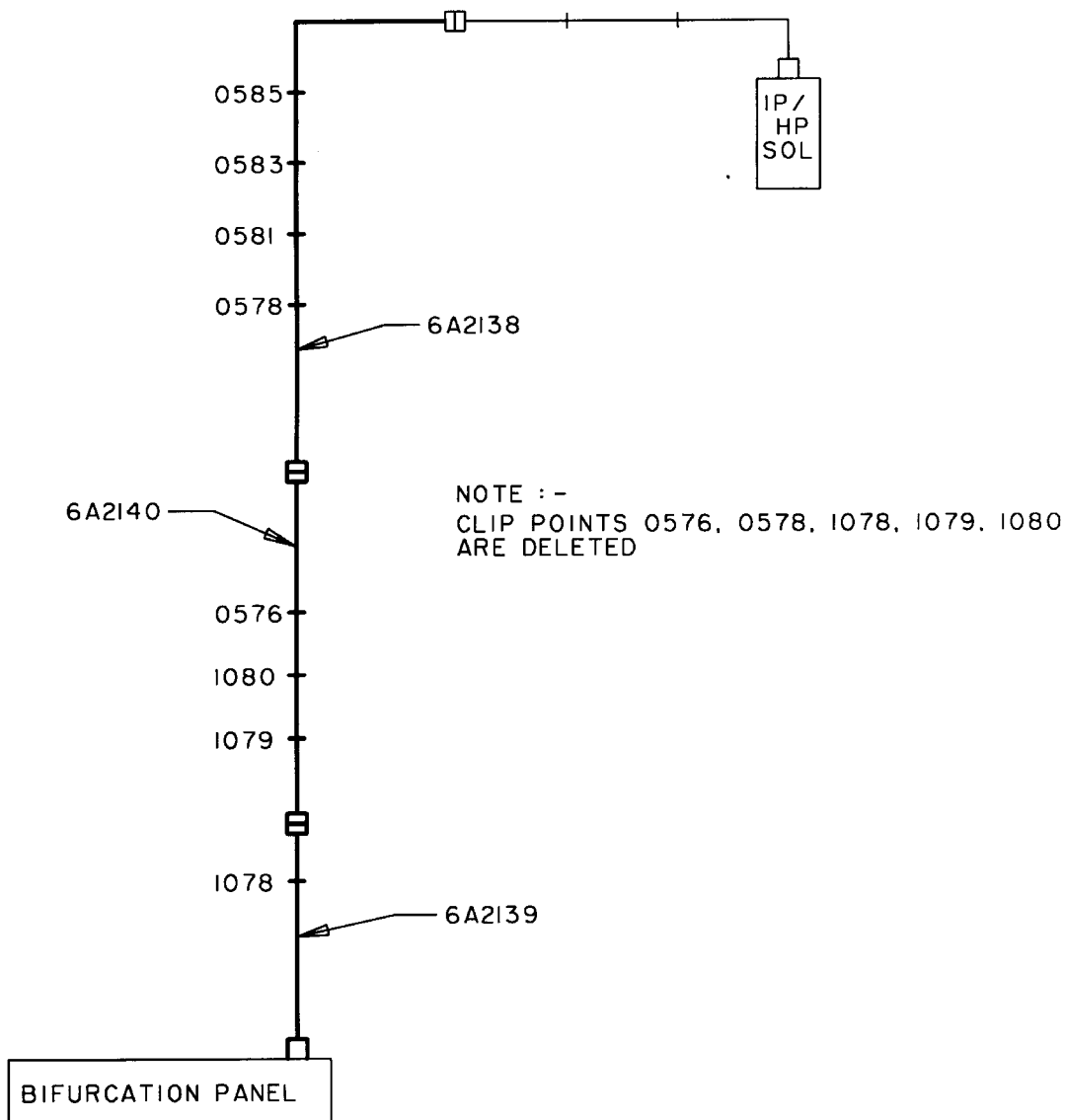
CLIP POINTS 0529, 0554, 0555, 0556, 0557, 0558, 0838
0839, 1035 ARE REMOVED FROM THIS LINE

SBE 75-0081: Fancase oil scavenge tubes - before alteration
Figure 53 sheet 2

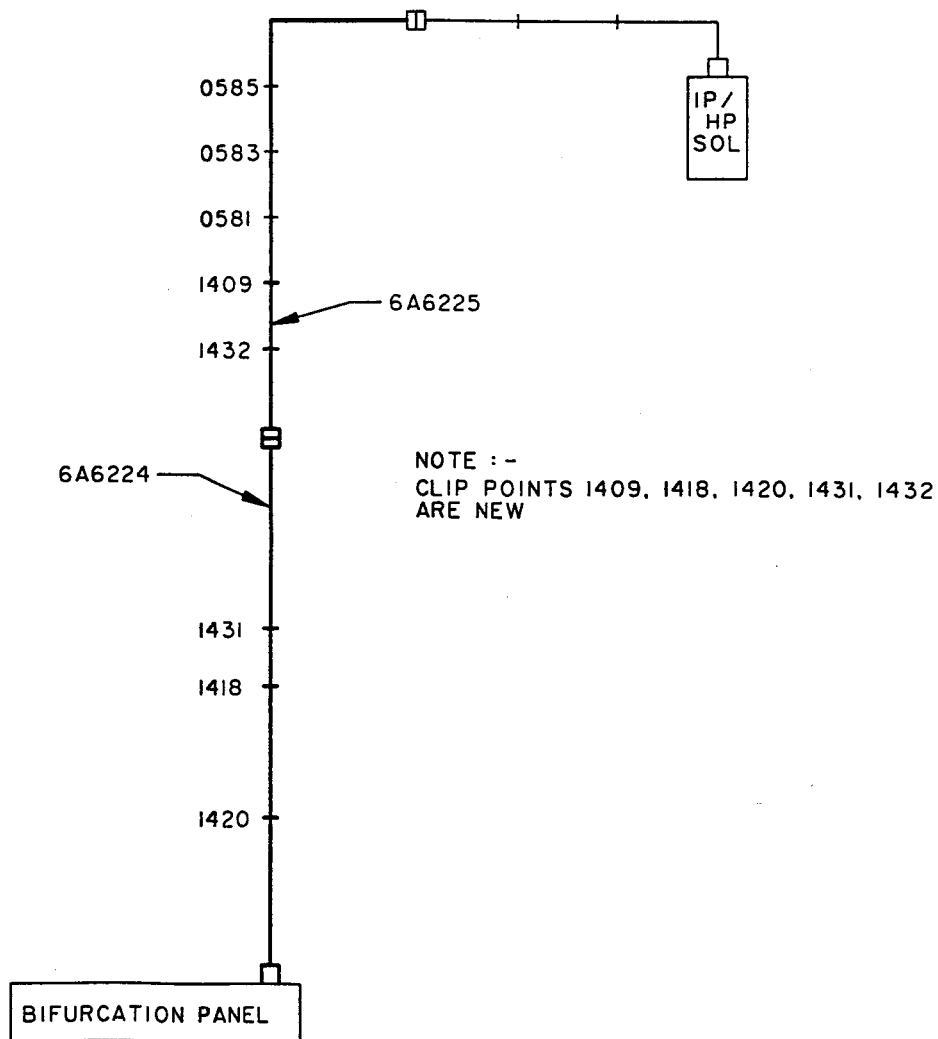


SCHEMATIC VIEW OF FANCASE OIL SCAVENGE TUBES
AFTER ALTERATION

Fancase oil scavenge tubes - after alteration
Figure 53 sheet 3



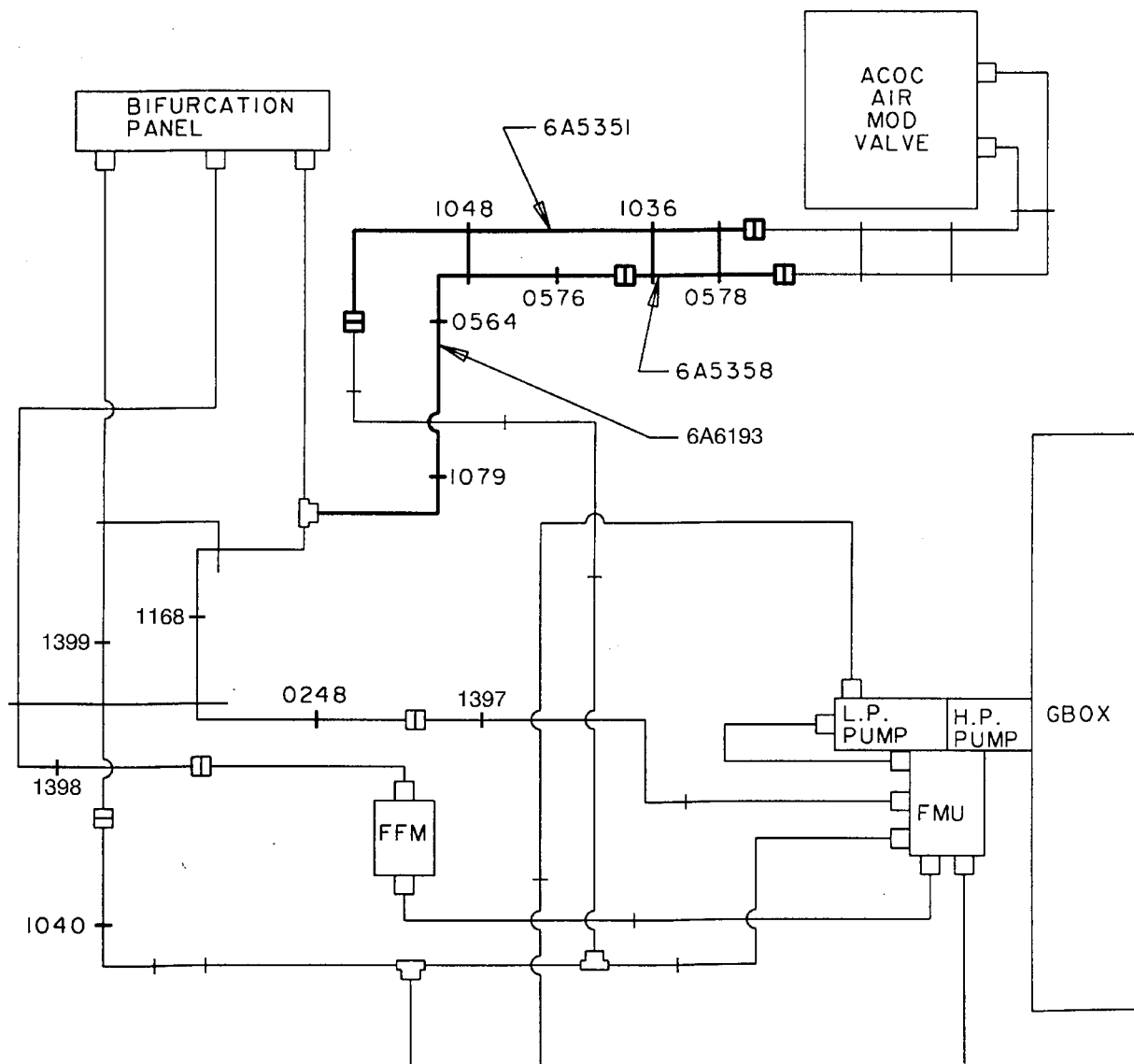
Fancase IP/HP cabin air bleed tubes - before alteration
Figure 54 sheet 1



SCHEMATIC VIEW OF
IP/HP CABIN AIR BLEED TUBES
AFTER ALTERATION

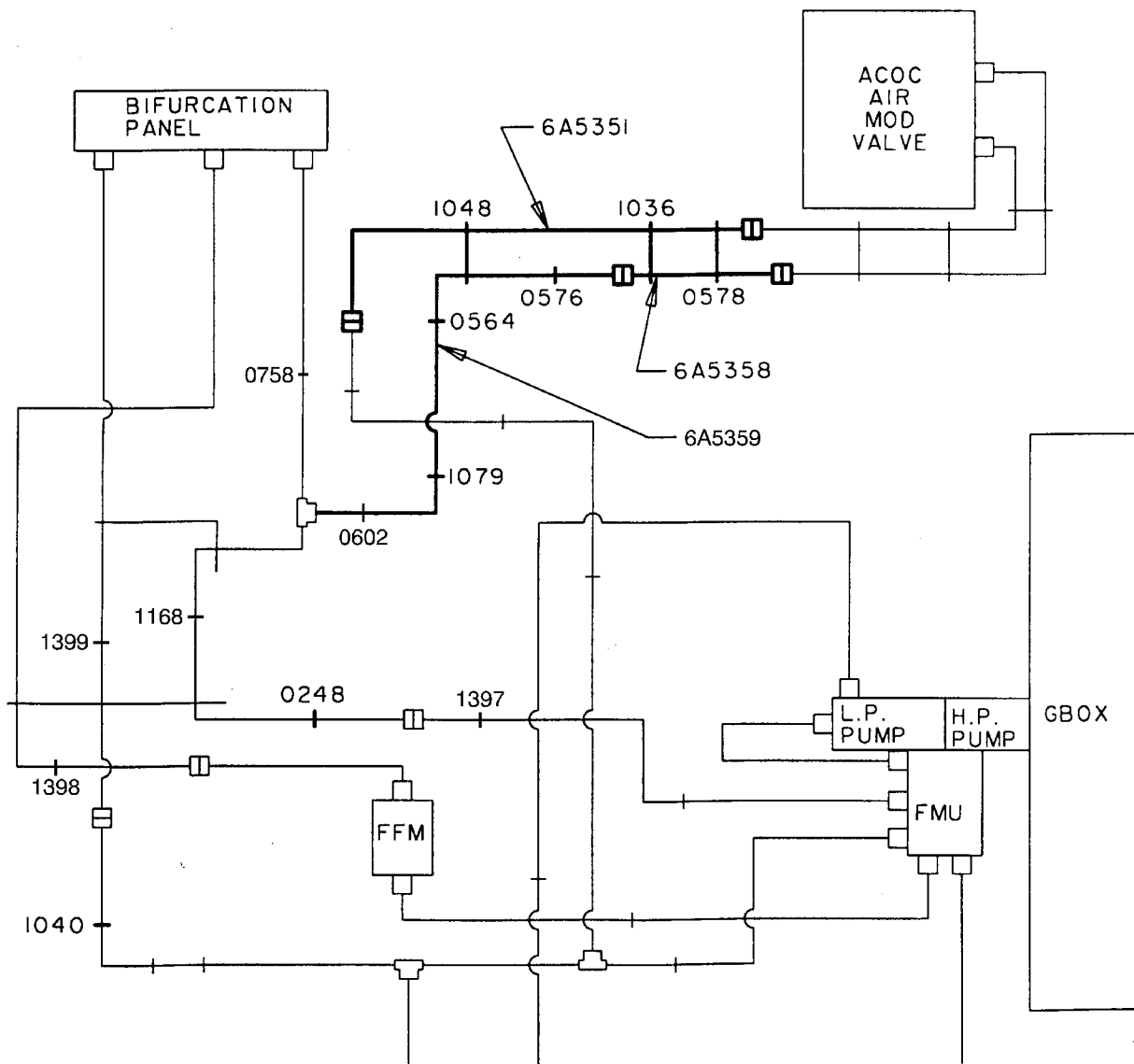
dem0001440

Fancase IP/HP cabin air bleed tubes - after alteration
Figure 54 sheet 2



NOTE: CLIP POINTS 0248, 0564, 0576
0578, 1036, 1040, 1048, 1079, 1168
1397, 1398, 1399 ARE DELETED

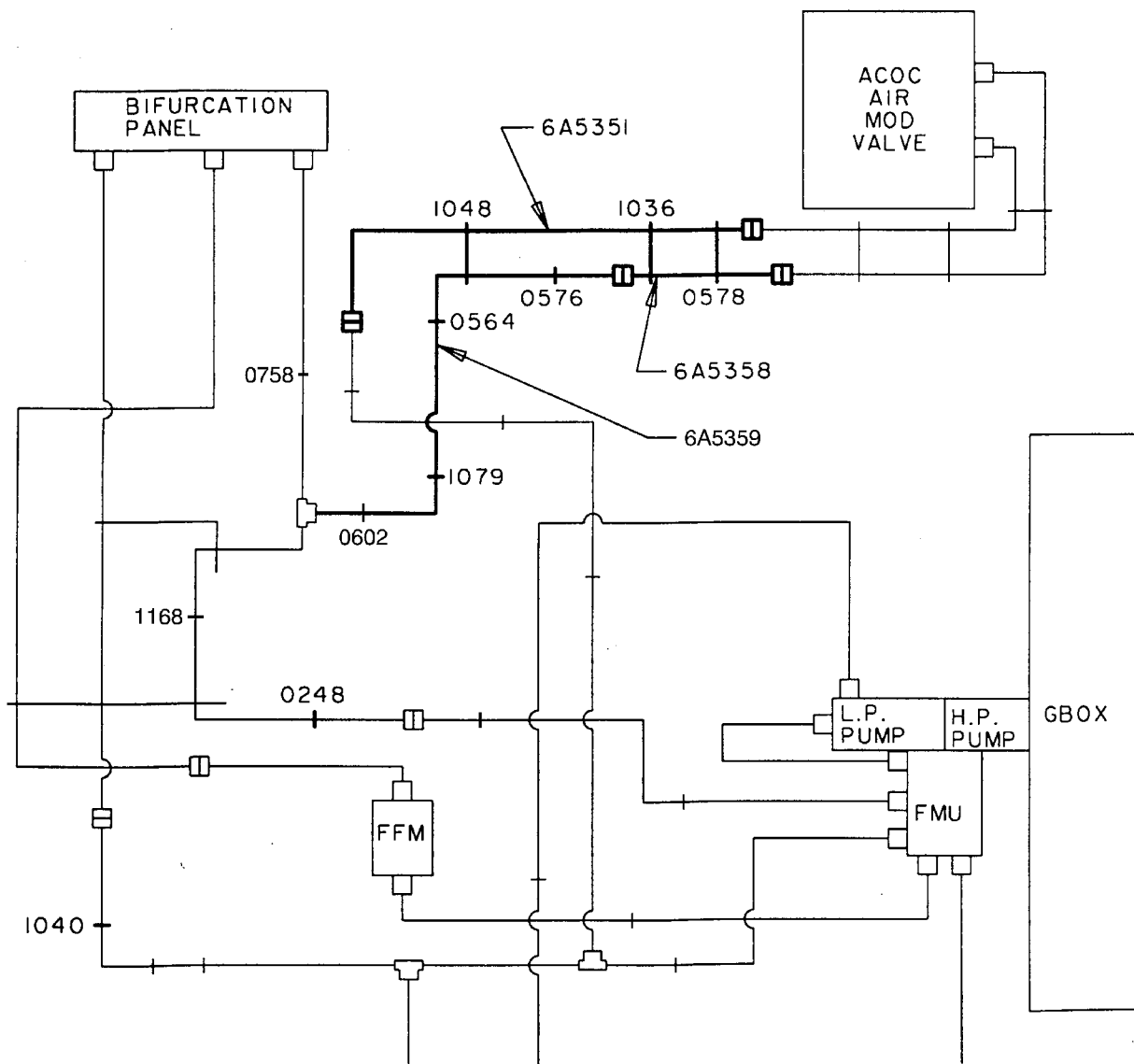
Fancase fuel tubes - before alteration
Figure 55 sheet 1



NOTE: CLIP POINTS 0248, 0564, 0576
0578, 1036, 1040, 1048, 1079, 1168
0602, 0758, 1397, 1399 ARE DELETED

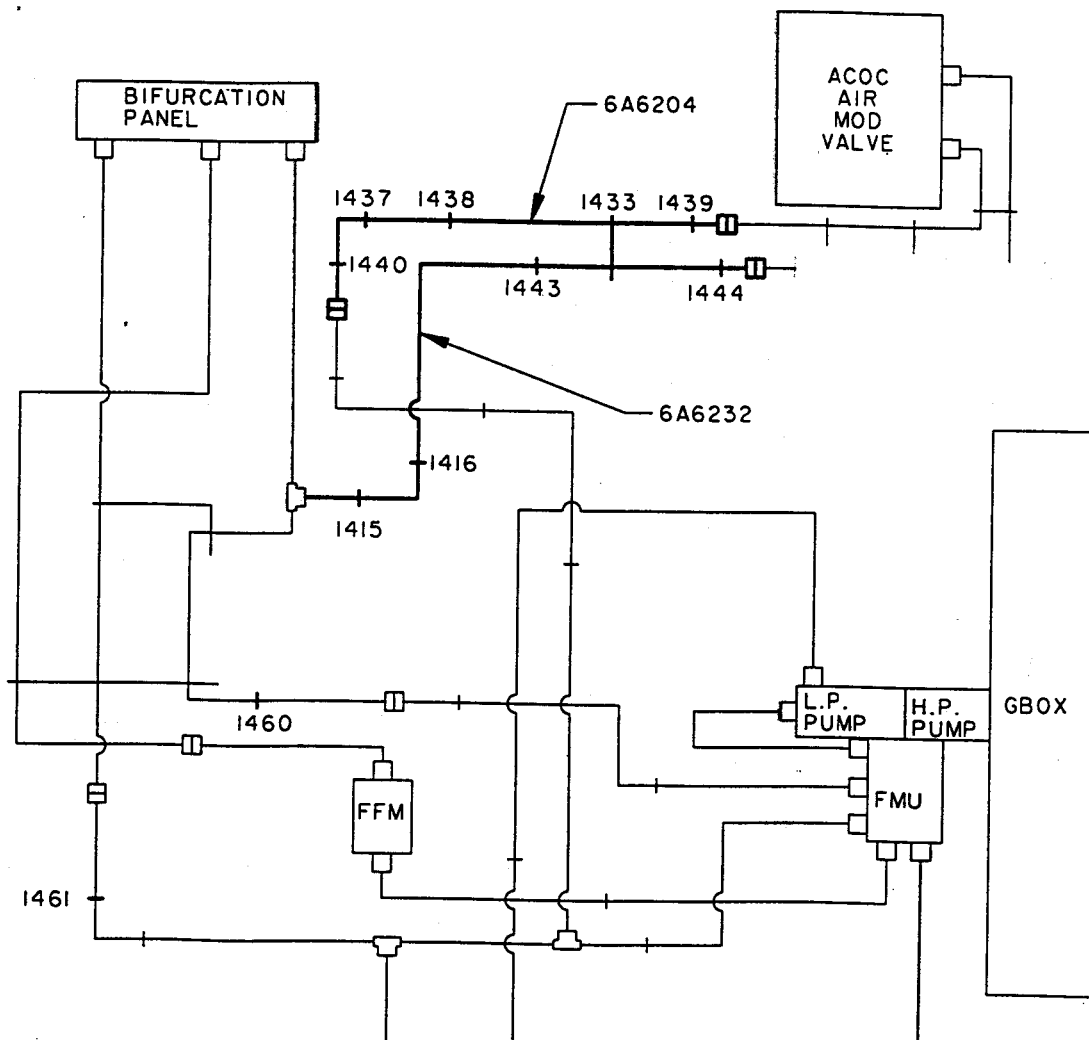
dem0001614

Fancase fuel tubes - before alteration
Figure 55 sheet 2



NOTE: CLIP POINTS 0248, 0564, 0576
0578, 1036, 1040, 1048, 1079, 1168
0602, 0758 ARE DELETED

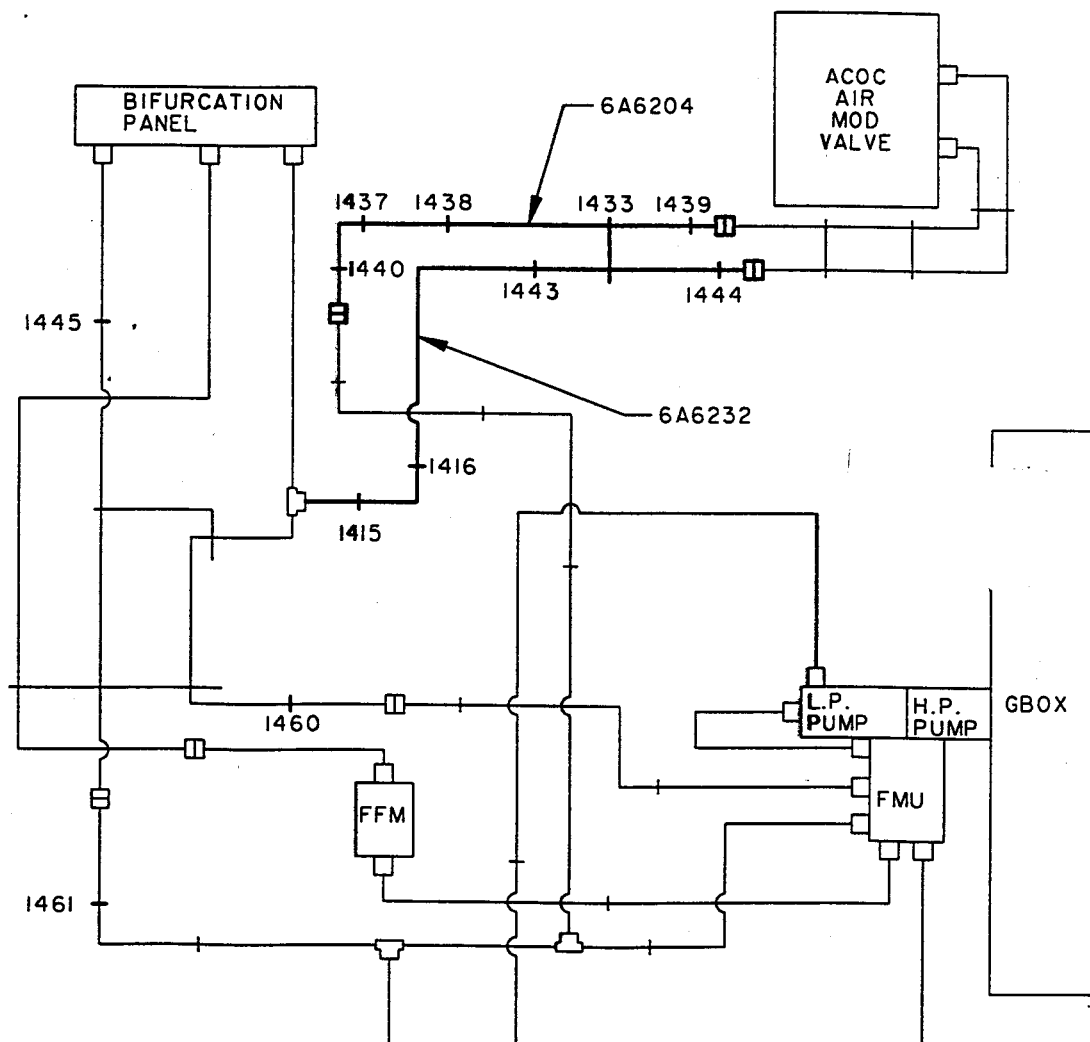
Fancase fuel tubes - before alteration
Figure 55 sheet 3



NOTE :- CLIP POINTS 1415, 1416, 1433
1437, 1438, 1439, 1440, 1443
1444, 1460, 1461 ARE NEW

**SCHEMATIC VIEW OF FAN FUEL TUBES
AFTER ALTERATION**

**Fancase fuel tubes - after alteration
Figure 55 sheet 4**



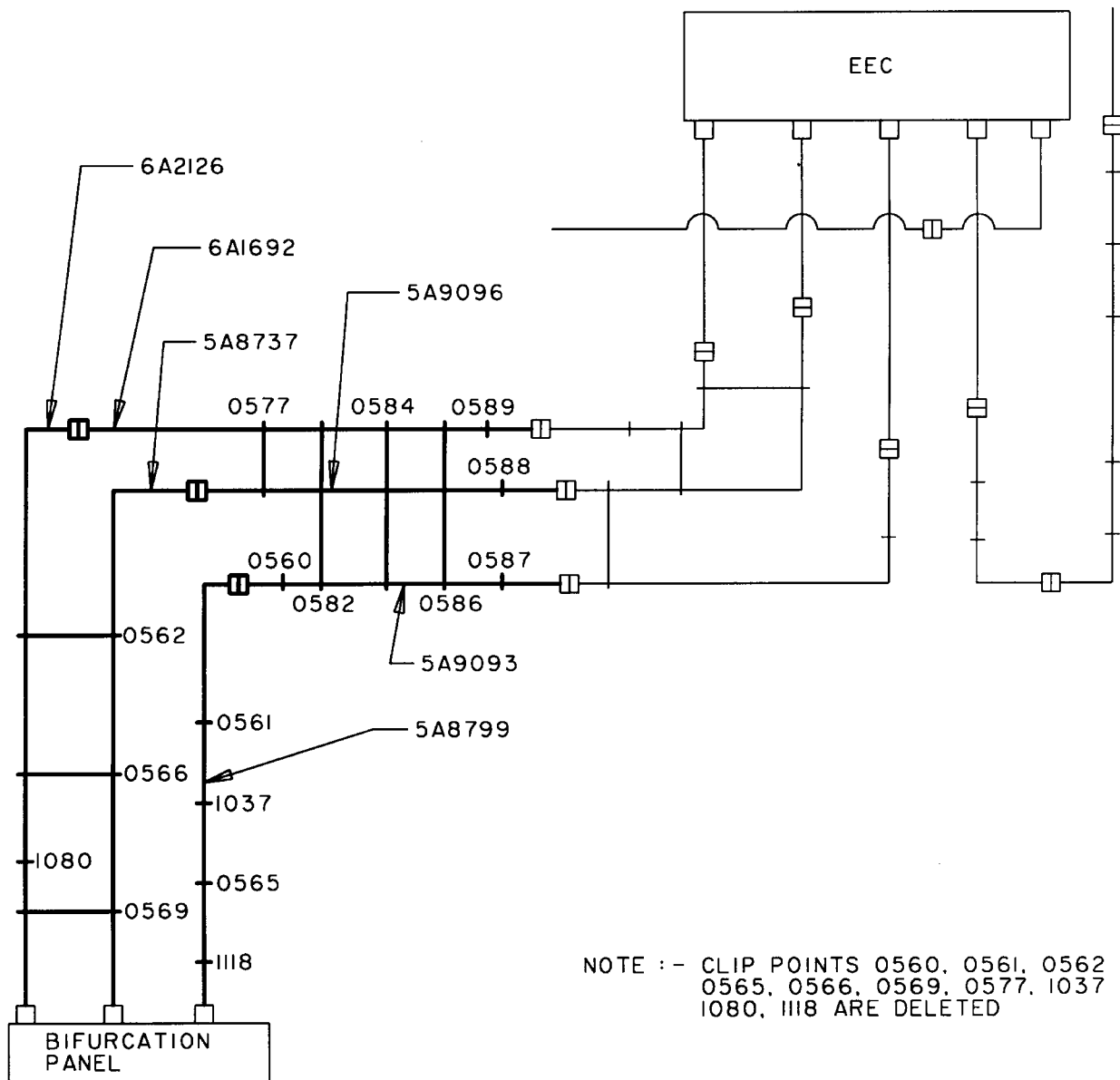
NOTE :- CLIP POINTS 1415, 1416, 1433
1437, 1438, 1439, 1440, 1443
1444, 1445, 1460, 1461 ARE NEW

**SCHEMATIC VIEW OF FAN FUEL TUBES
AFTER ALTERATION**

**Fancase fuel tubes - after alteration
Figure 55 sheet 5**

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Fancase fuel system air tubes - before alteration
Figure 56 sheet 1

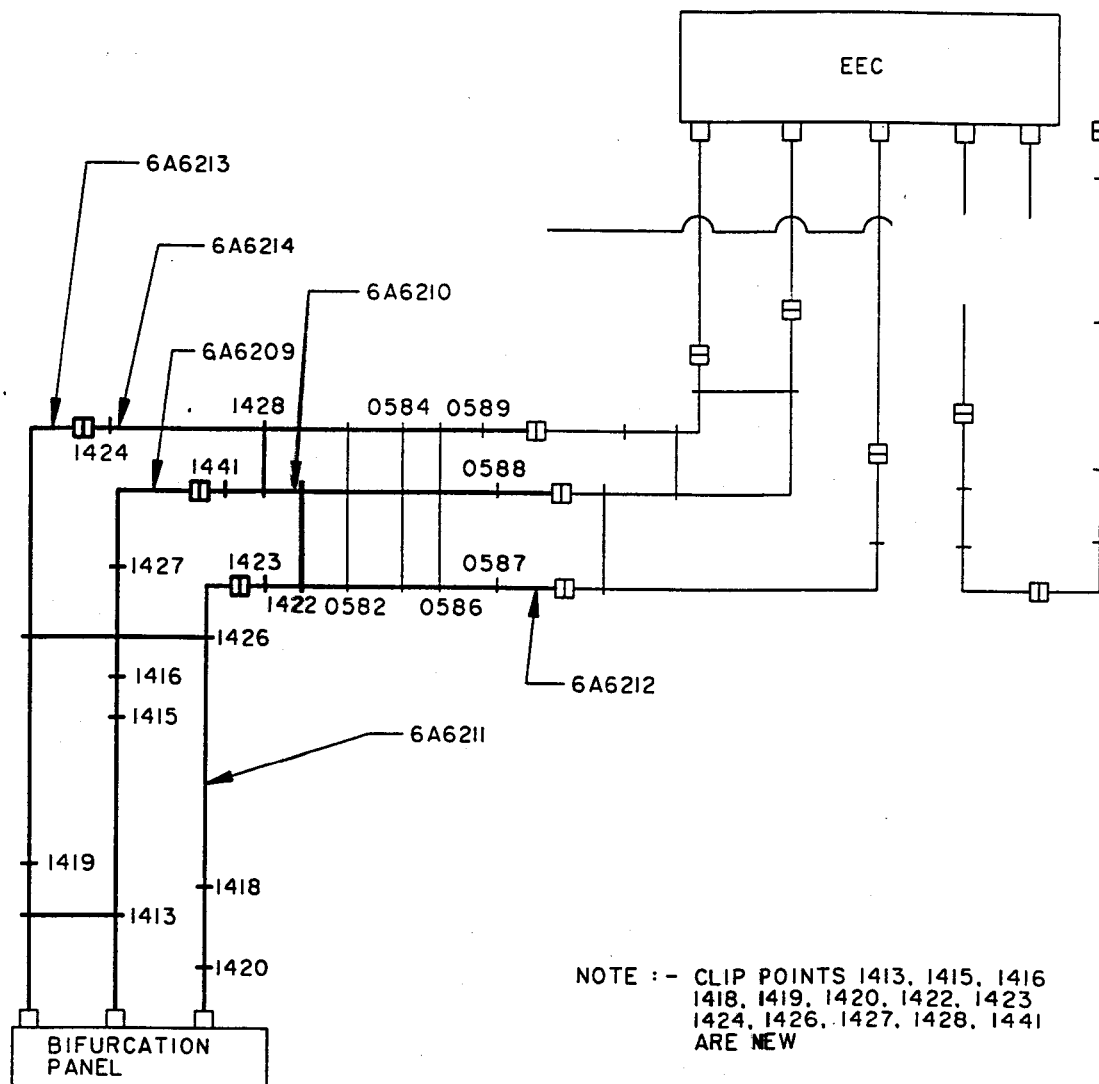
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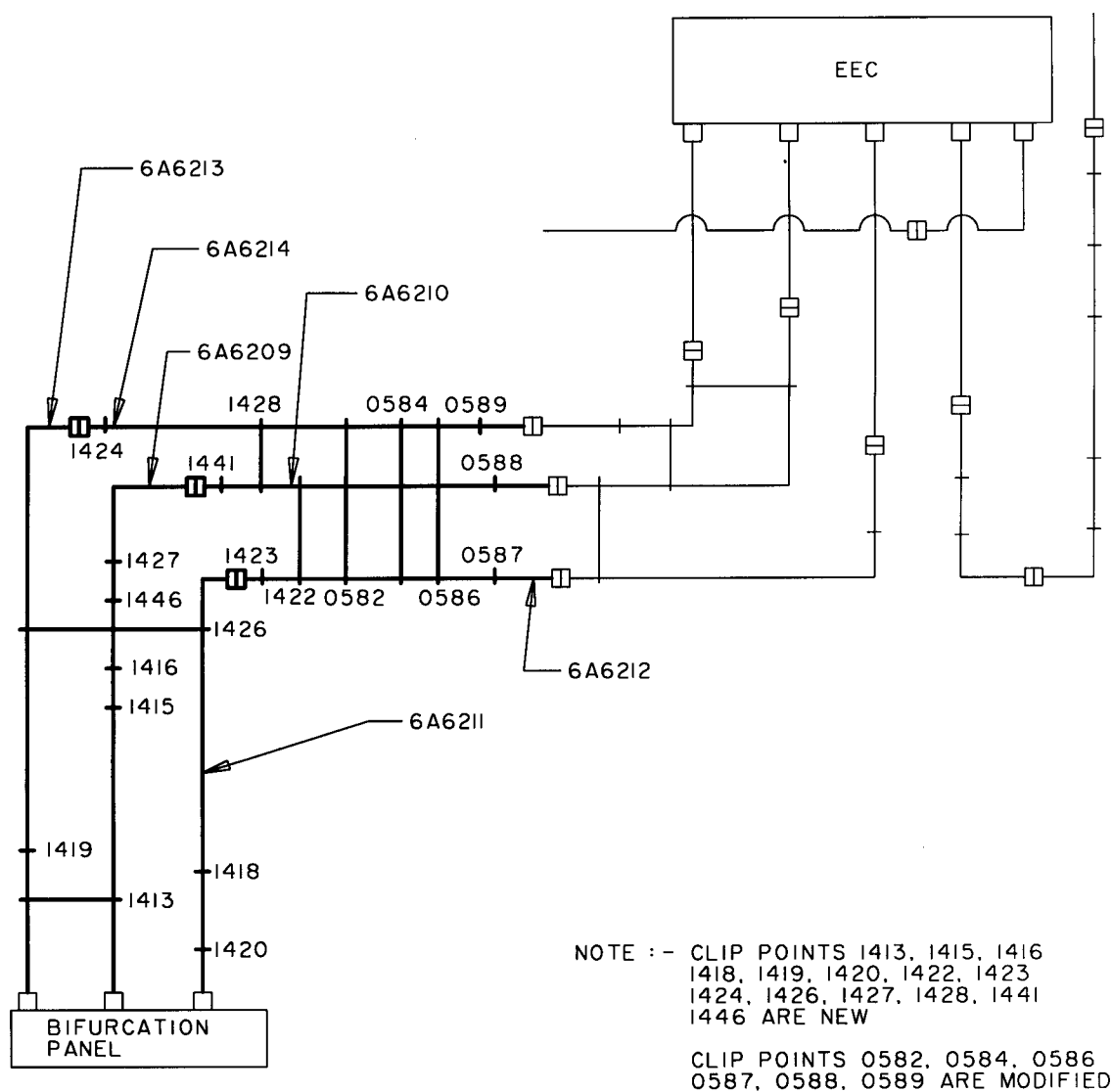
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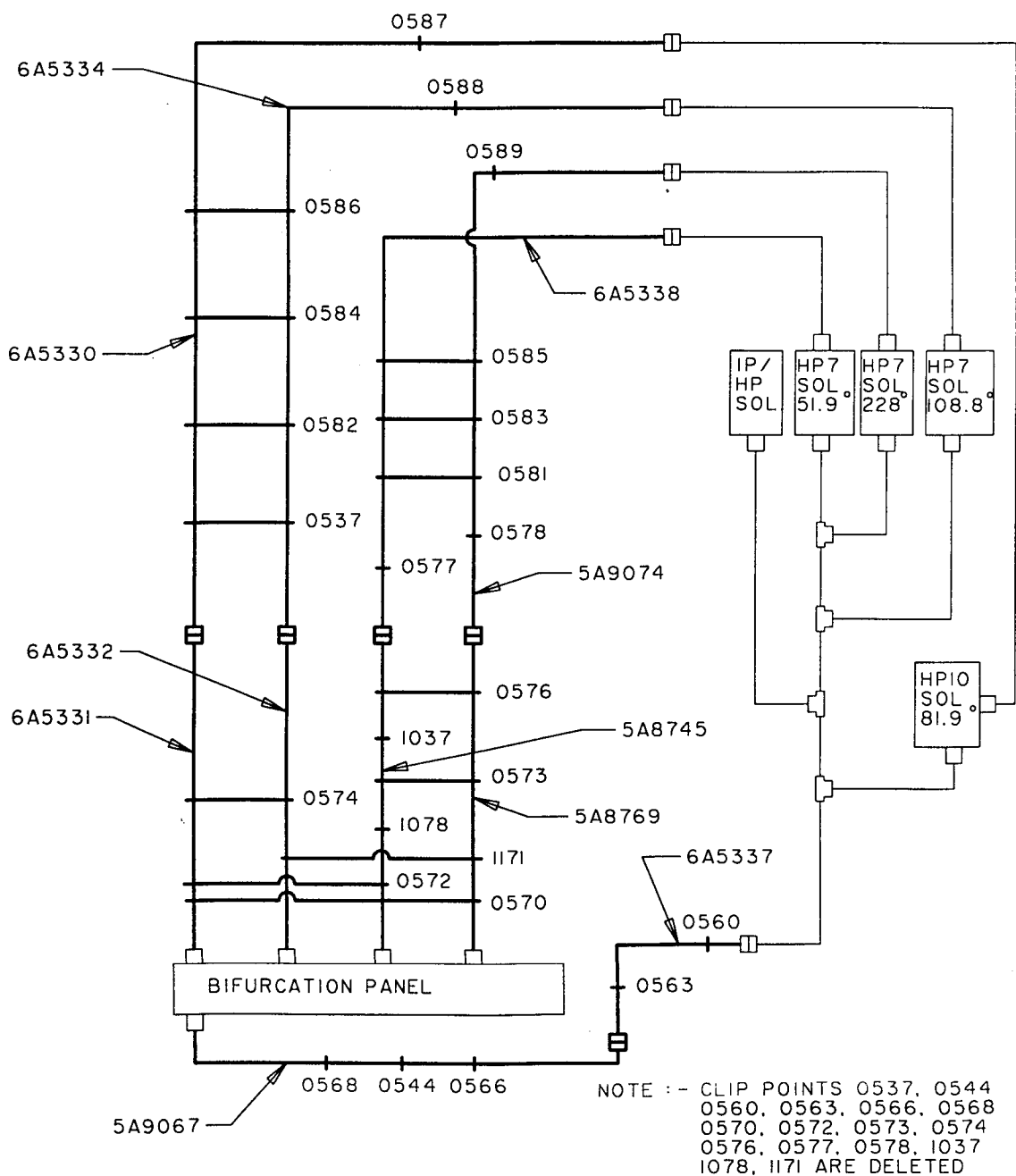
SCHEMATIC VIEW OF
FUEL SYSTEM AIR TUBES
AFTER ALTERATION

SBE 75-0081: Fancase fuel system air tubes - after alteration
Figure 56 sheet 2

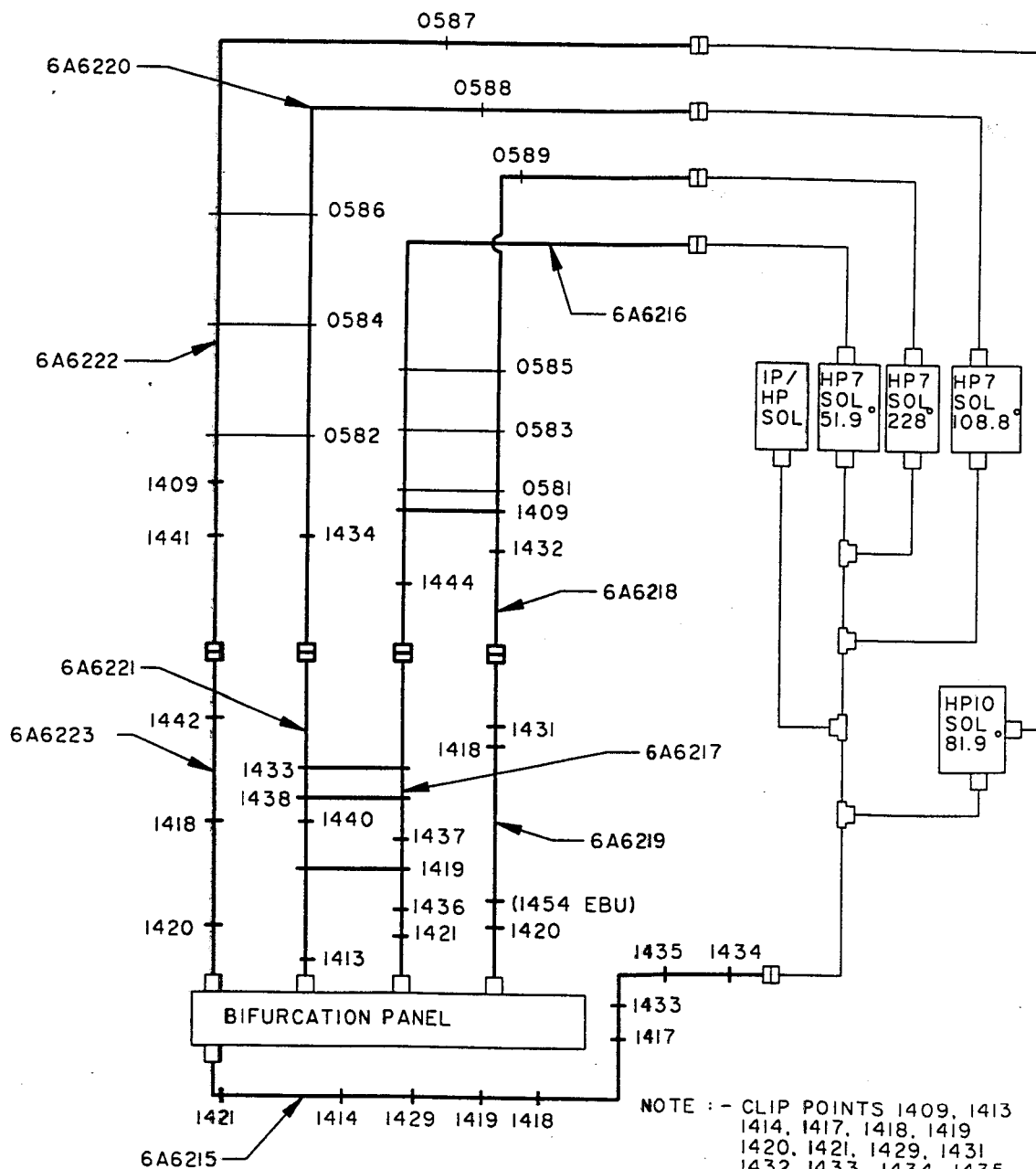


SCHEMATIC VIEW OF
FUEL SYSTEM AIR TUBES
AFTER ALTERATION

Pre SBE 75-0081: Fancase fuel system air tubes - after alteration
Figure 56 sheet 3

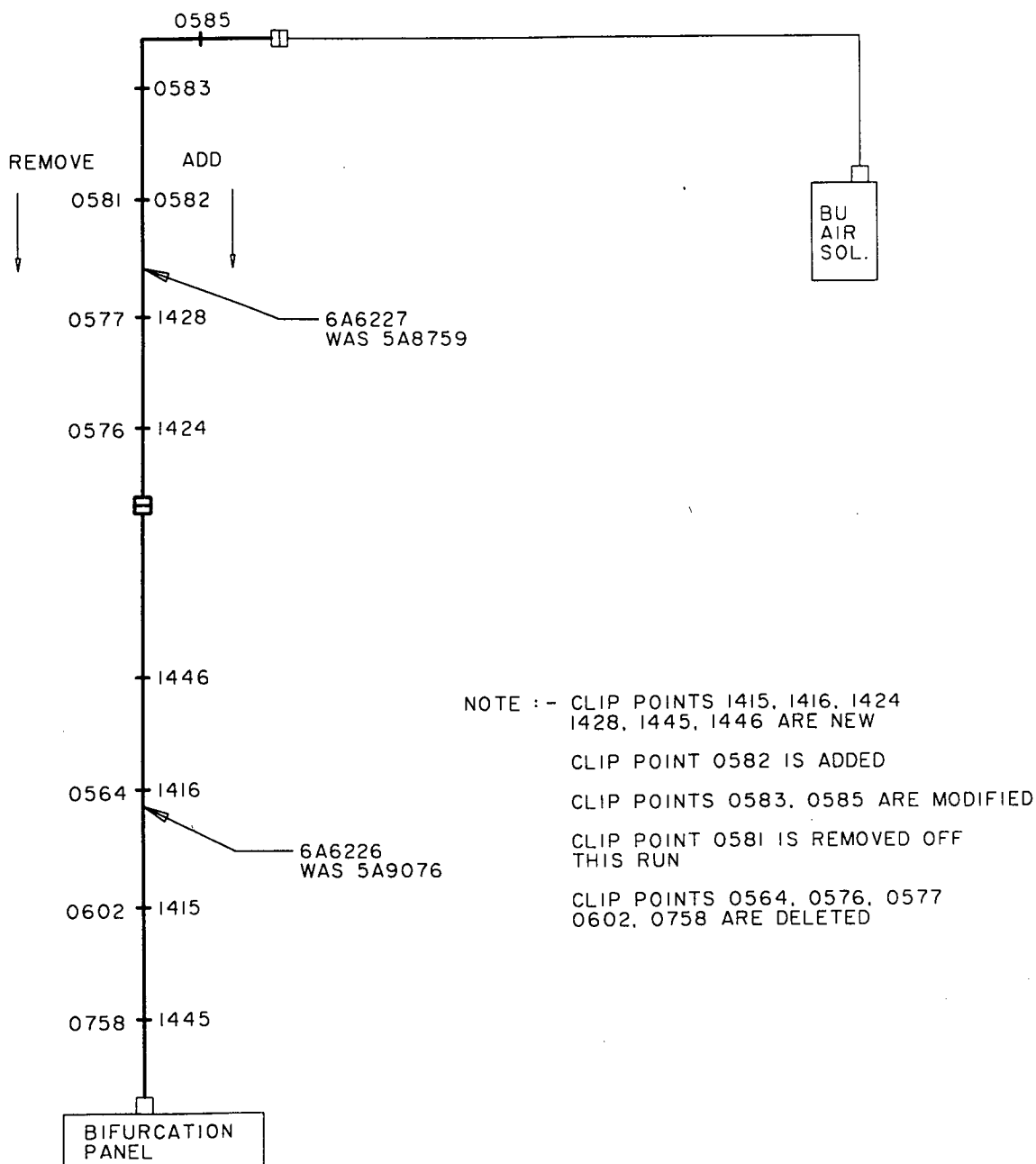


Fancase HP compressor bleed air tubes - before alteration
Figure 57 sheet 1



SCHEMATIC VIEW OF FAN
HP COMPRESSOR BLEED AIR TUBES
AFTER ALTERATION

Fancase HP compressor bleed air tubes - after alteration
Figure 57 sheet 2

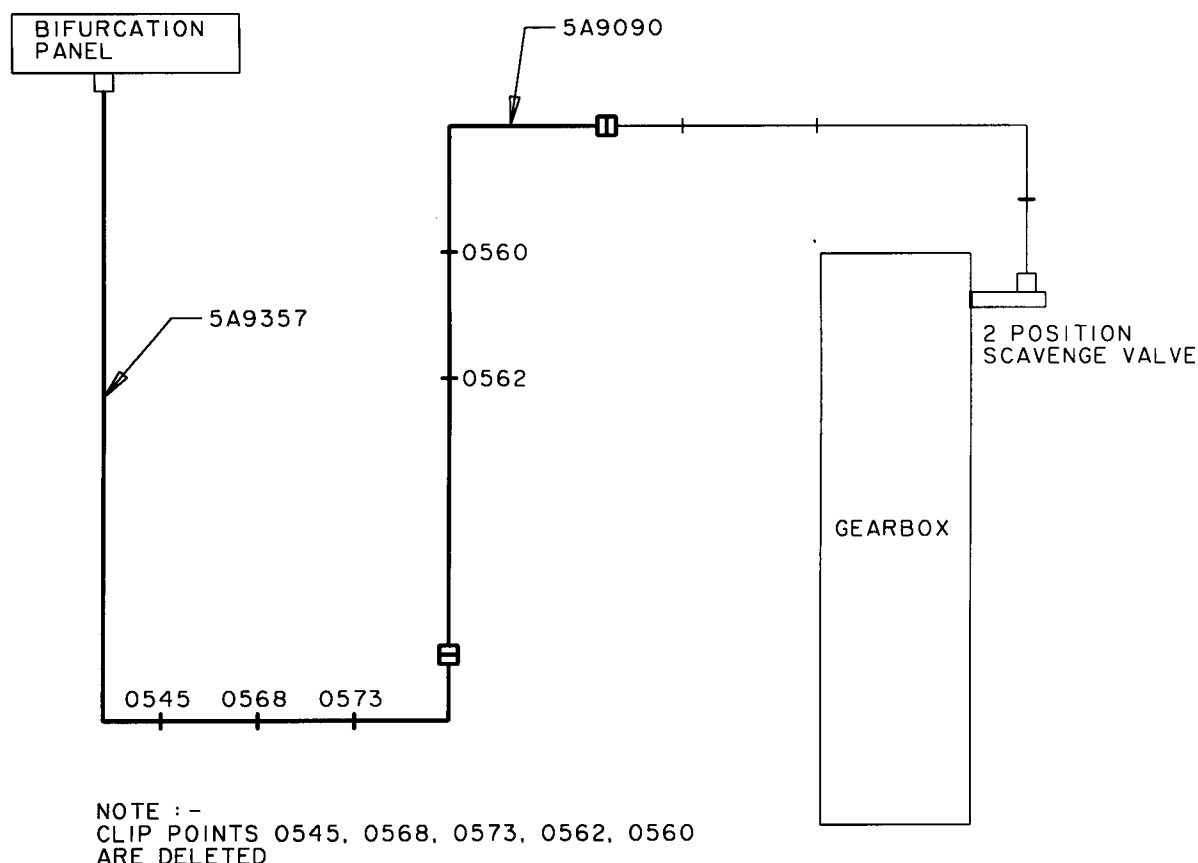


SCHEMATIC VIEW OF TURBINE COOLING
CONTROLLED AIR TUBES ON FAN CASE

Fan case turbine cooling controlled air tubes
Figure 58



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NOTE :-
CLIP POINTS 0545, 0568, 0573, 0562, 0560
ARE DELETED

SCHEMATIC VIEW OF NO.4 BEARING COMPARTMENT
COOLING AND SEALING TUBES
BEFORE ALTERATION

ded0004965

Fancase no. 4 bearing compartment cooling and sealing tubes - before alteration
Figure 59 sheet 1

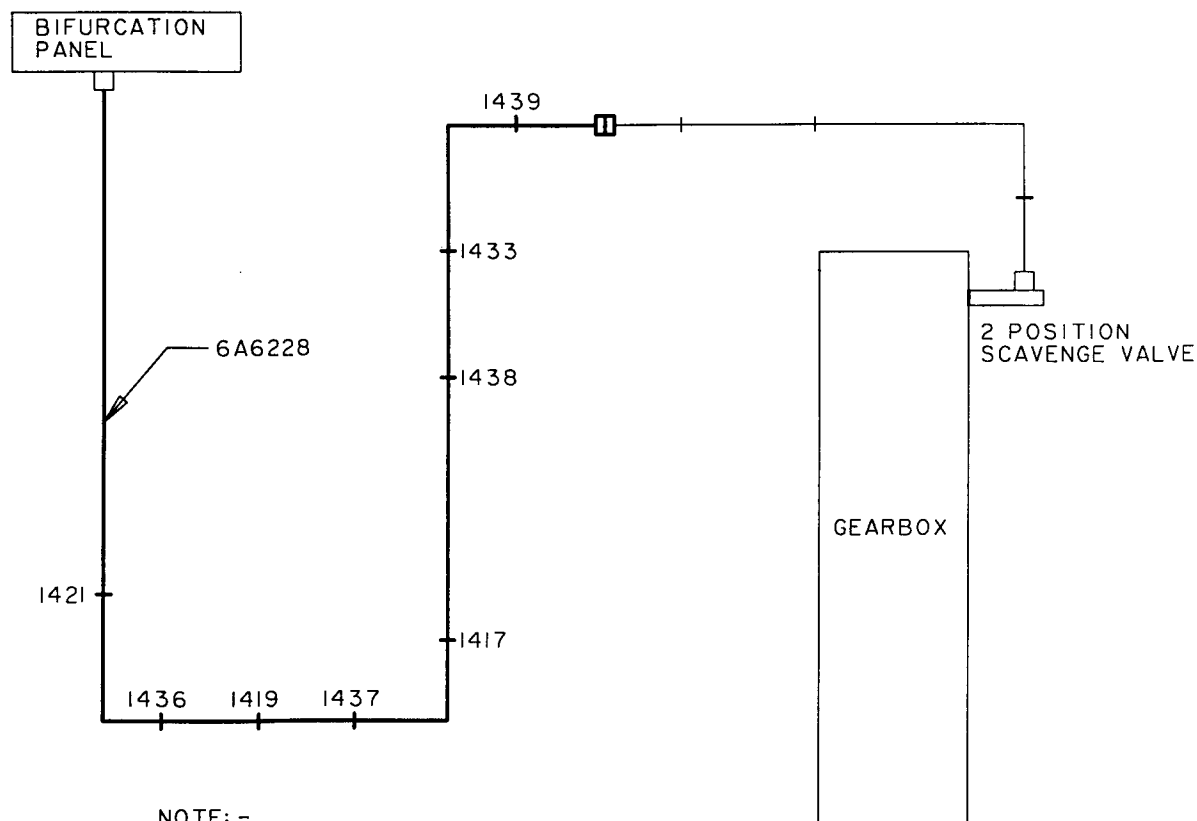
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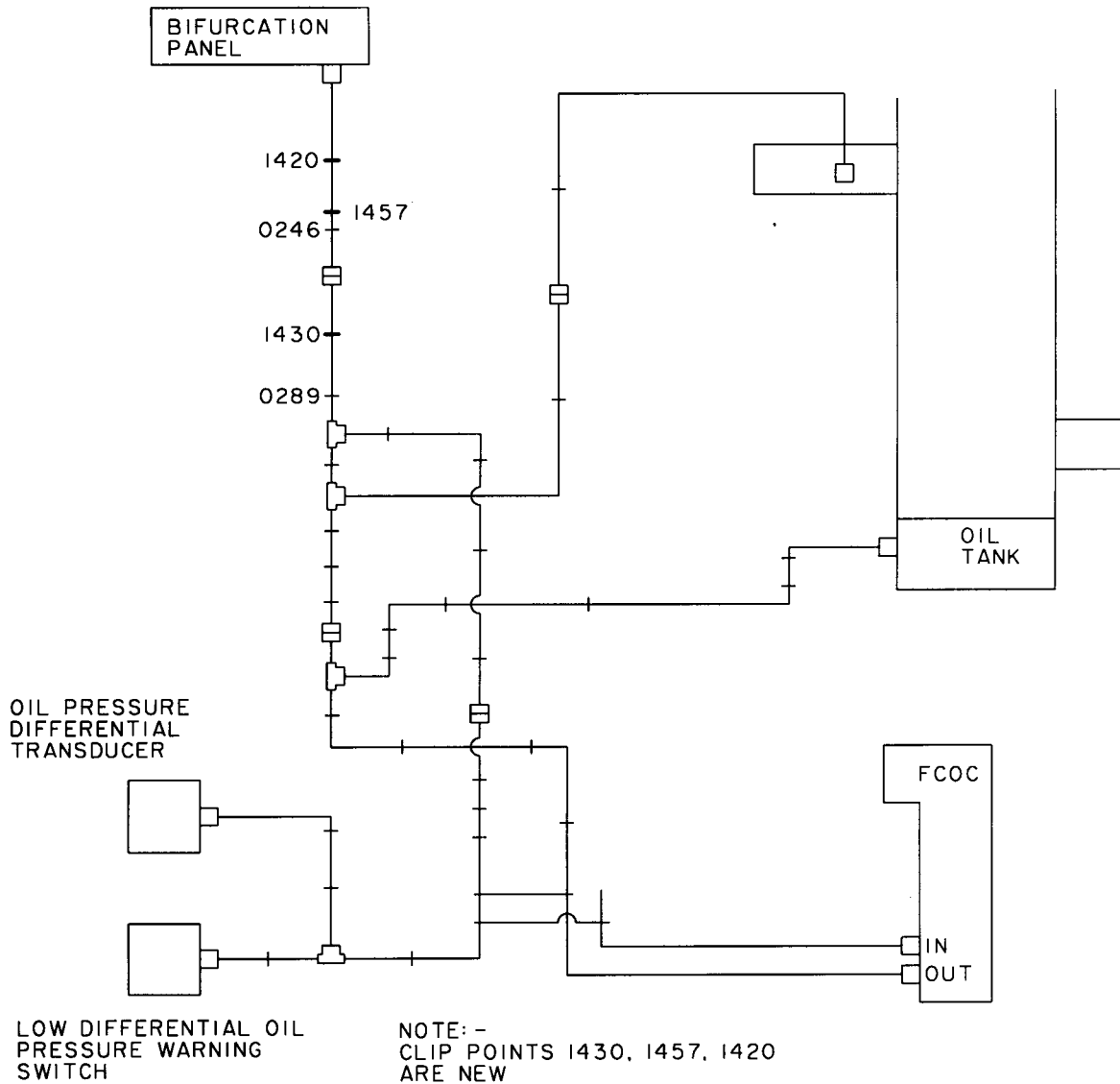
Not subject to the EAR per 15 C.F.R. Chapter 1, Part 734.3(b)(3).



NOTE: -
CLIP POINTS 1421, 1436, 1419, 1437, 1417,
1438, 1433, 1439 ARE NEW

SCHEMATIC VIEW OF NO.4 BEARING COMPARTMENT
COOLING AND SEALING TUBES
AFTER ALTERATION

Fancase no. 4 bearing compartment cooling and sealing tubes - after alteration
Figure 59 sheet 2



dem0001432

Fancase pressure oil tubes
Figure 60



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Figure 61 sheet 1

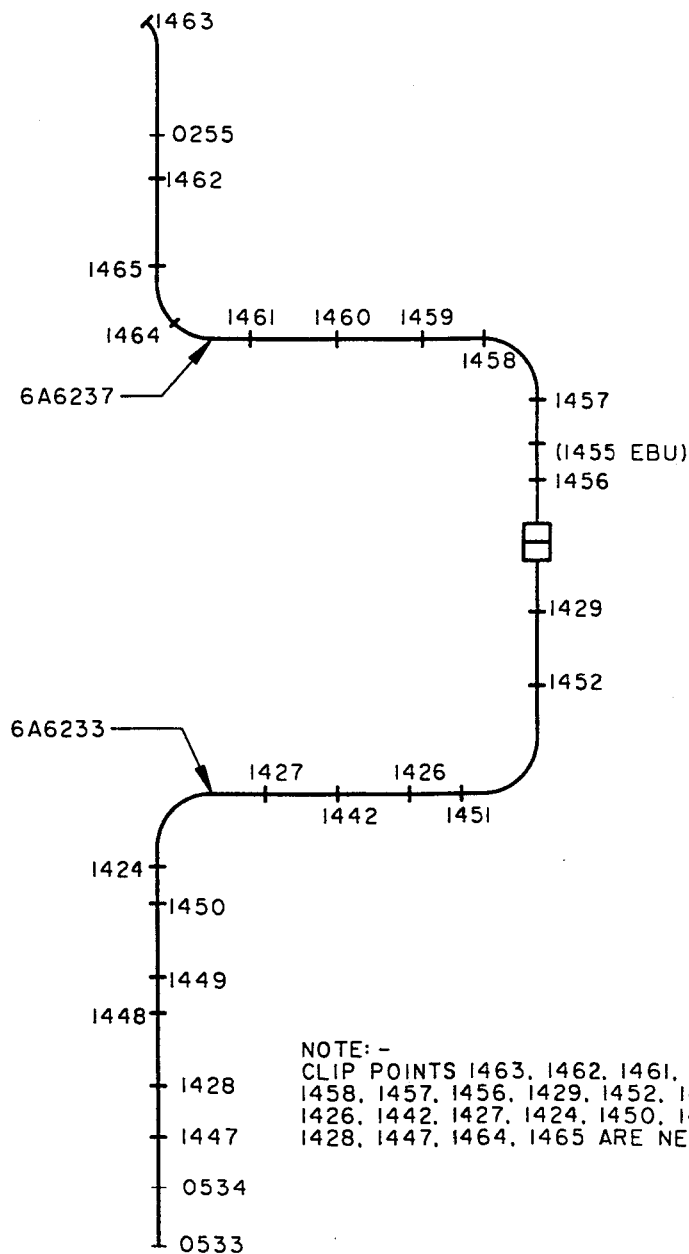
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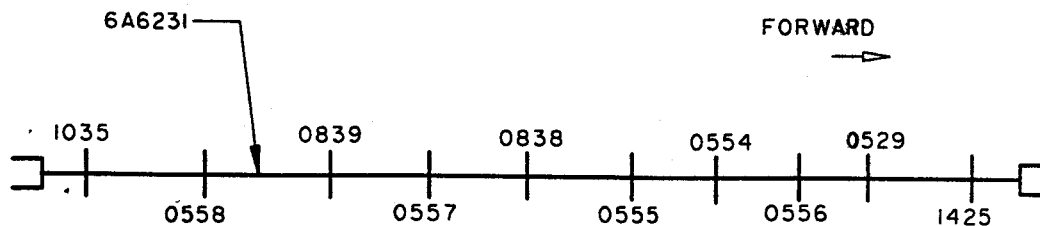
Not subject to the EAR per 15 C.F.R. Chapter 1, Part 734.3(b)(3).



NOTE: -
CLIP POINTS 1463, 1462, 1461, 1460, 1459,
1458, 1457, 1456, 1429, 1452, 1451,
1426, 1442, 1427, 1424, 1450, 1449, 1448
1428, 1447, 1464, 1465 ARE NEW

SCHEMATIC VIEW OF FAN HARNESS SUPPORT RACEWAYS
SHOWING CLIPPING POINT SEQUENCE
AFTER ALTERATION

Fancase harness raceways - after alteration
Figure 61 sheet 2

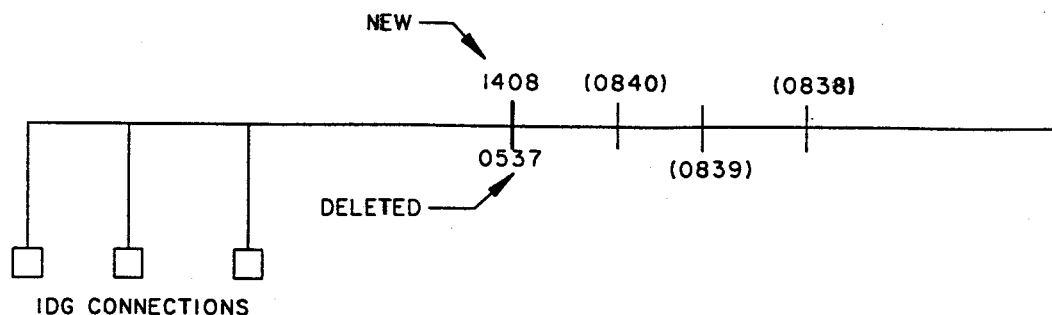


NOTE :- CLIP POINT 1425 IS NEW

CLIP POINTS 0556, 0558
ARE MODIFIED

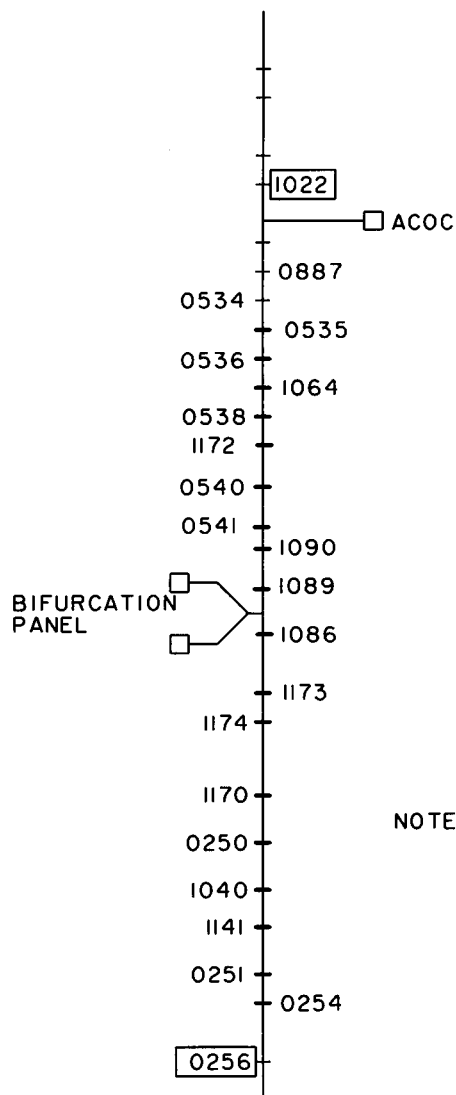
CLIP POINTS 0529, 0554, 0555
0557, 0838, 0839, 1035 ARE
MOVED ONTO THIS RACEWAY

SCHEMATIC VIEW OF NEW FANCASE RACEWAY AT 140°



PART SCHEMATIC VIEW OF GENERAL SERVICES
HARNESS SHOWING CLIP POINT CHANGE

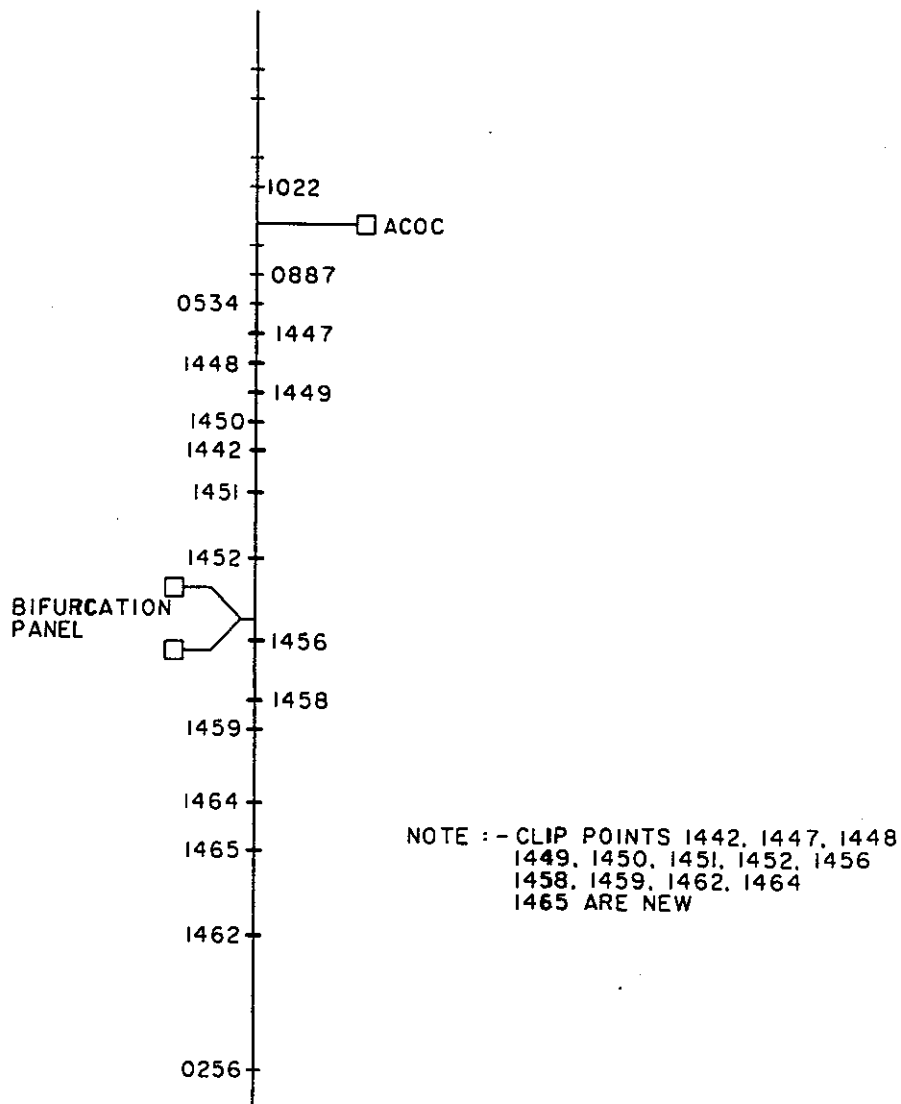
New Fancase raceway 6A6231 at 140 degrees
Figure 61 sheet 3



NOTE :- CLIP POINTS 0250, 0251, 0254
0535, 0536, 0538, 0540, 0541
1040, 1064, 1089, 1090, 1141,
1086, 1170, 1172, 1173, 1174
ARE DELETED

ded0005189

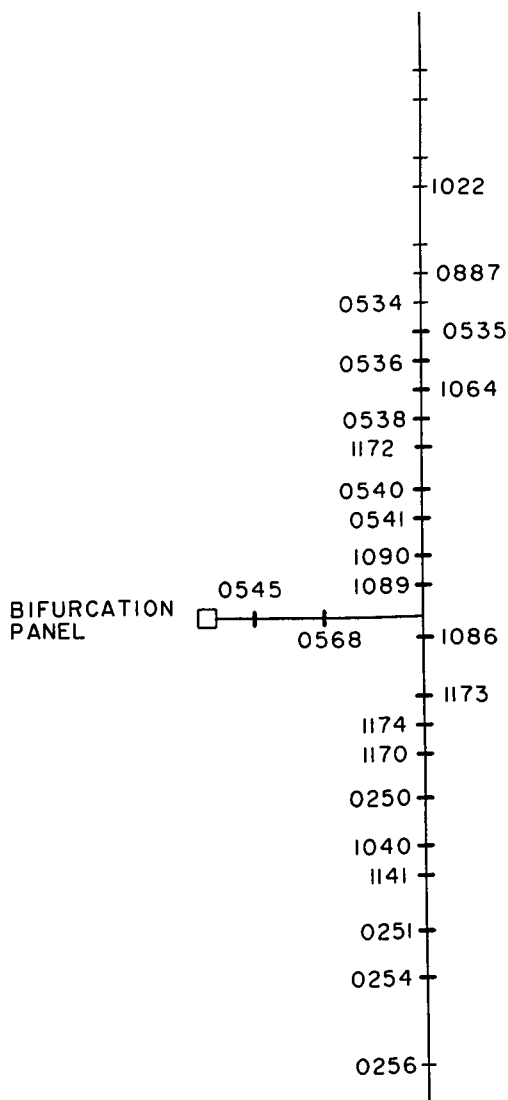
EEC fan harness - before alteration
Figure 62 sheet 1



PART SCHEMATIC VIEW OF FAN EEC HARNESS
AFTER ALTERATION

EEC fan harness - after alteration
Figure 62 sheet 2

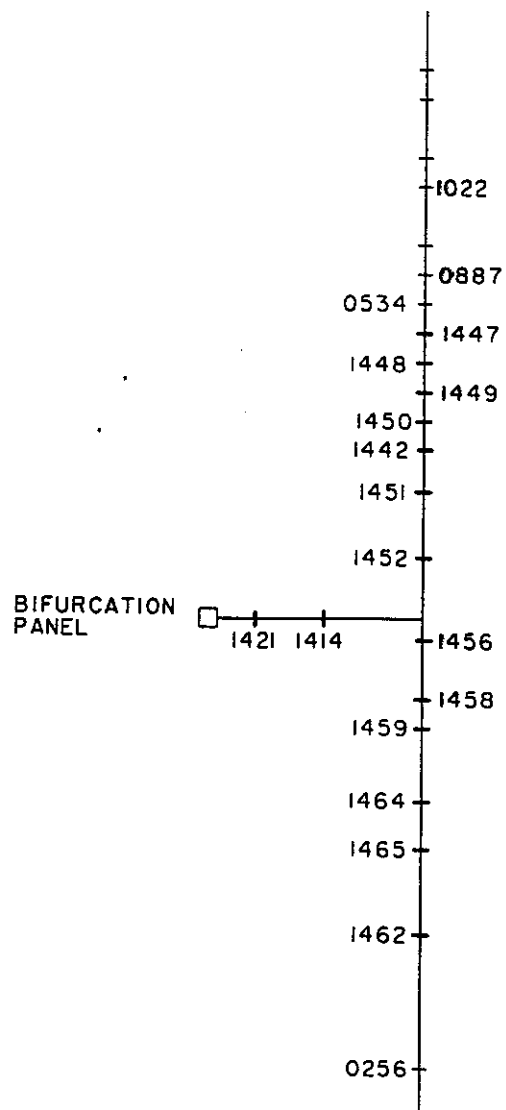
dem0001445



NOTE :- CLIP POINTS 0250, 0251, 0254
0535, 0536, 0538, 0540, 0541
0545, 0568, 1040, 1064, 1086
1089, 1090, 1141, 1170, 1172
1173, 1174 ARE DELETED

PART SCHEMATIC VIEW OF FAN IGNITION HARNESS
BEFORE ALTERATION

Fancase ignition supply harness - before alteration
Figure 63 sheet 1



NOTE : - CLIP POINTS 1442, 1447, 1448
1449, 1450, 1451, 1452, 1456
1458, 1459, 1462 1414, 1421
1464, 1465 ARE NEW

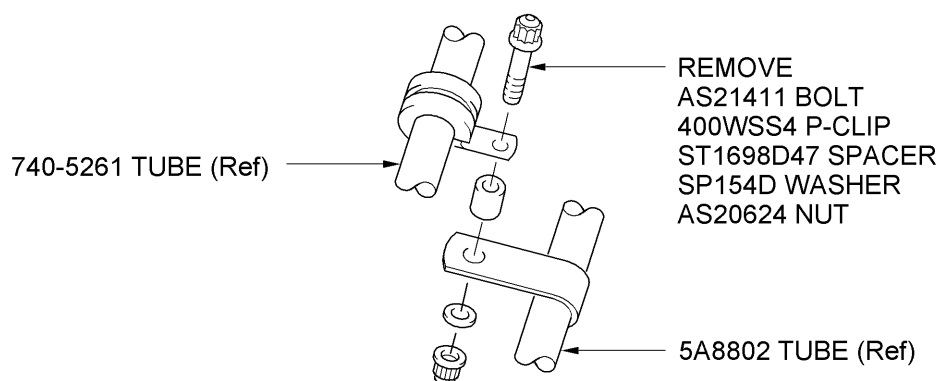
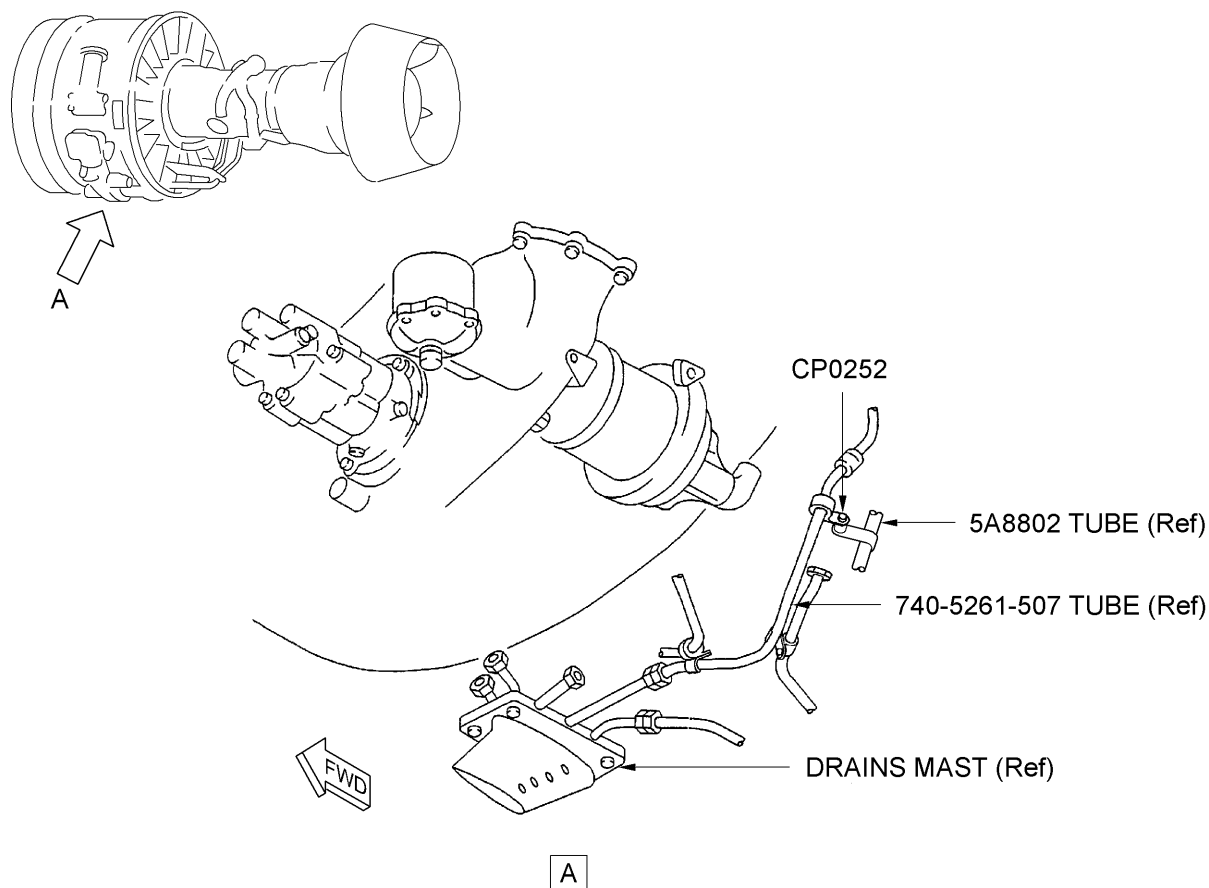
PART SCHEMATIC VIEW OF FAN IGNITION HARNESS
AFTER ALTERATION

Fancase ignition supply harness - after alteration
Figure 63 sheet 2

dem0001447



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B4558

Fancase clip position 0252
Figure 64 sheet 1

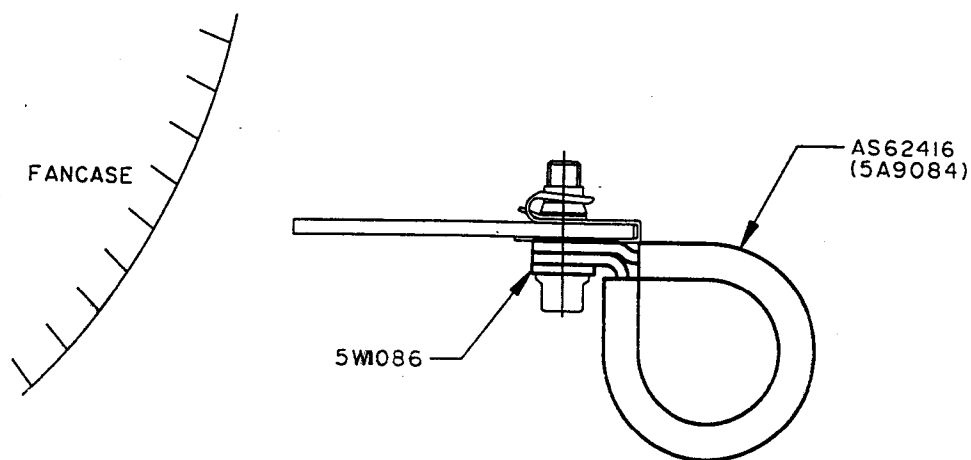
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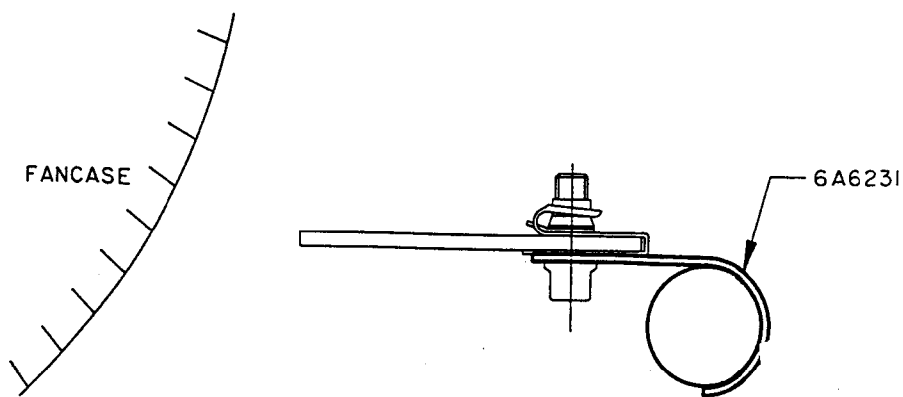
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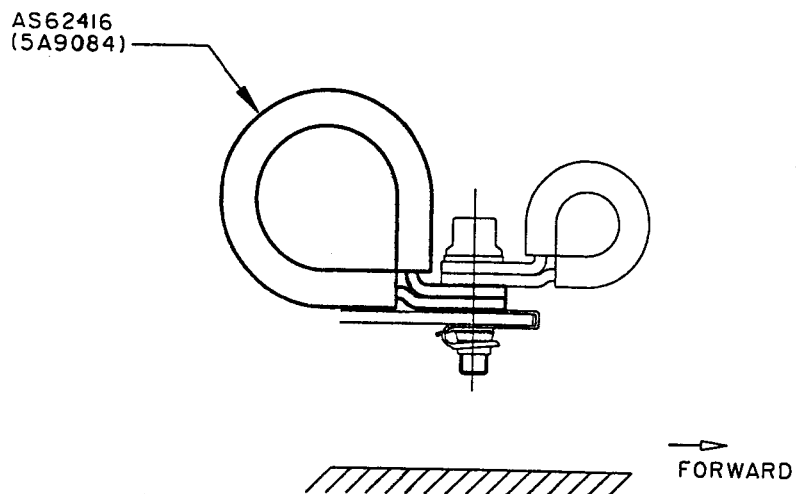
LOOKING FORWARD
CLIP POINT 0556 BEFORE ALTERATION



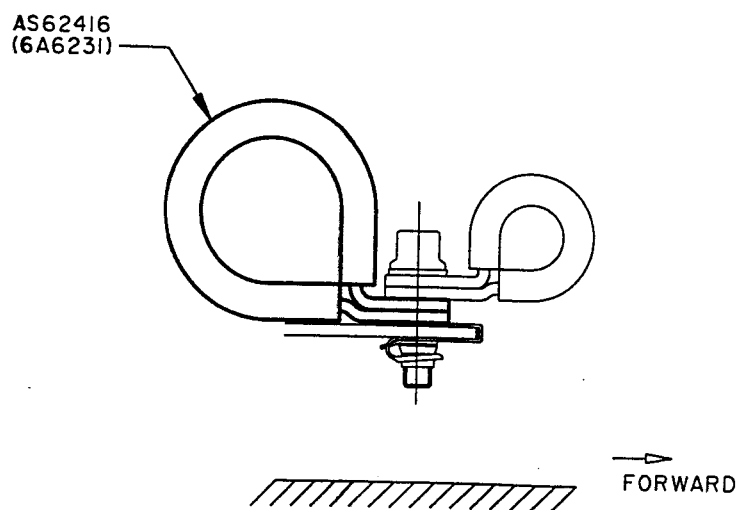
LOOKING FORWARD
CLIP POINT 0556 AFTER ALTERATION

Fancase clip position 0556
Figure 64 sheet 2

dem0001448



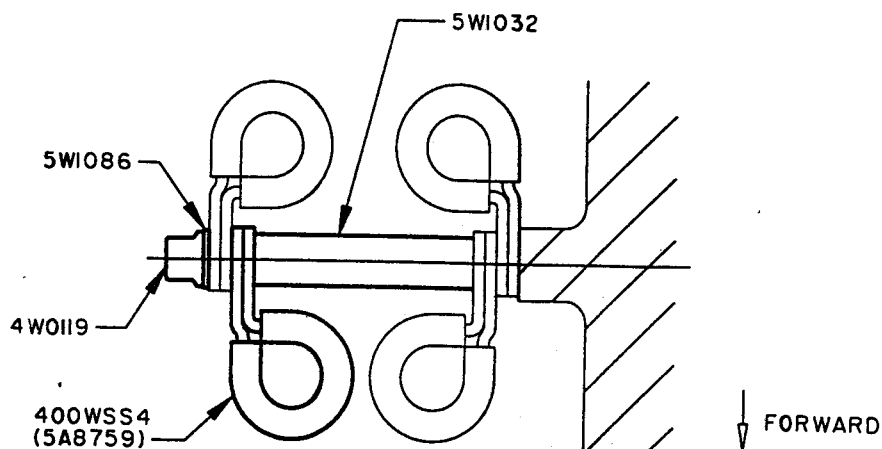
CLIP POINT 0558 BEFORE ALTERATION



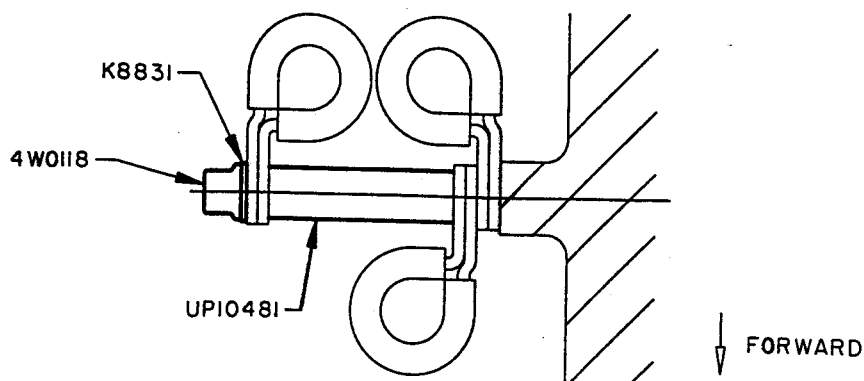
CLIP POINT 0558 AFTER ALTERATION

Fancase clip position 0558
Figure 64 sheet 3

dem0001449



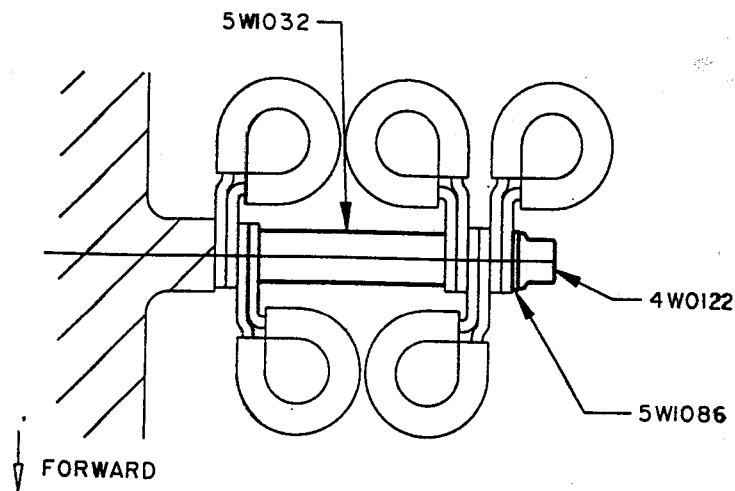
CLIP POINT 0581 BEFORE ALTERATION



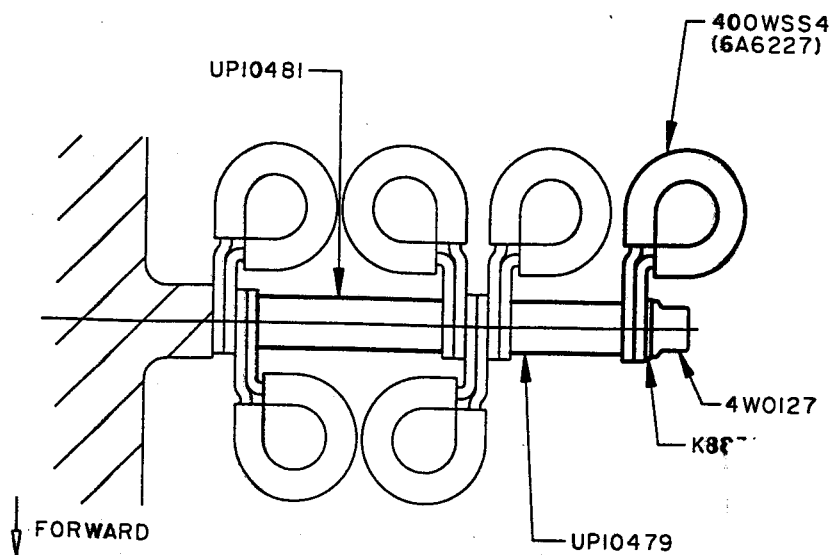
CLIP POINT 0581 AFTER ALTERATION

Fancase clip position 0581
Figure 64 sheet 4

dem0001620

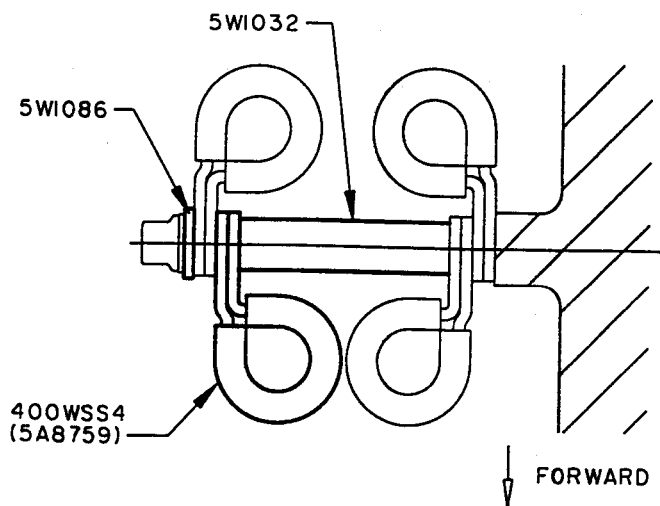


CLIP POINT 0582 BEFORE ALTERATION

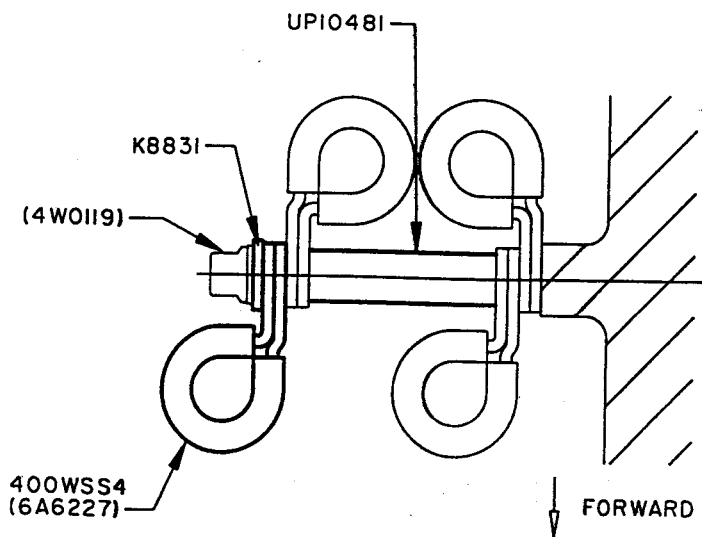


CLIP POINT 0582 AFTER ALTERATION

Fancase clip position 0582
Figure 64 sheet 5



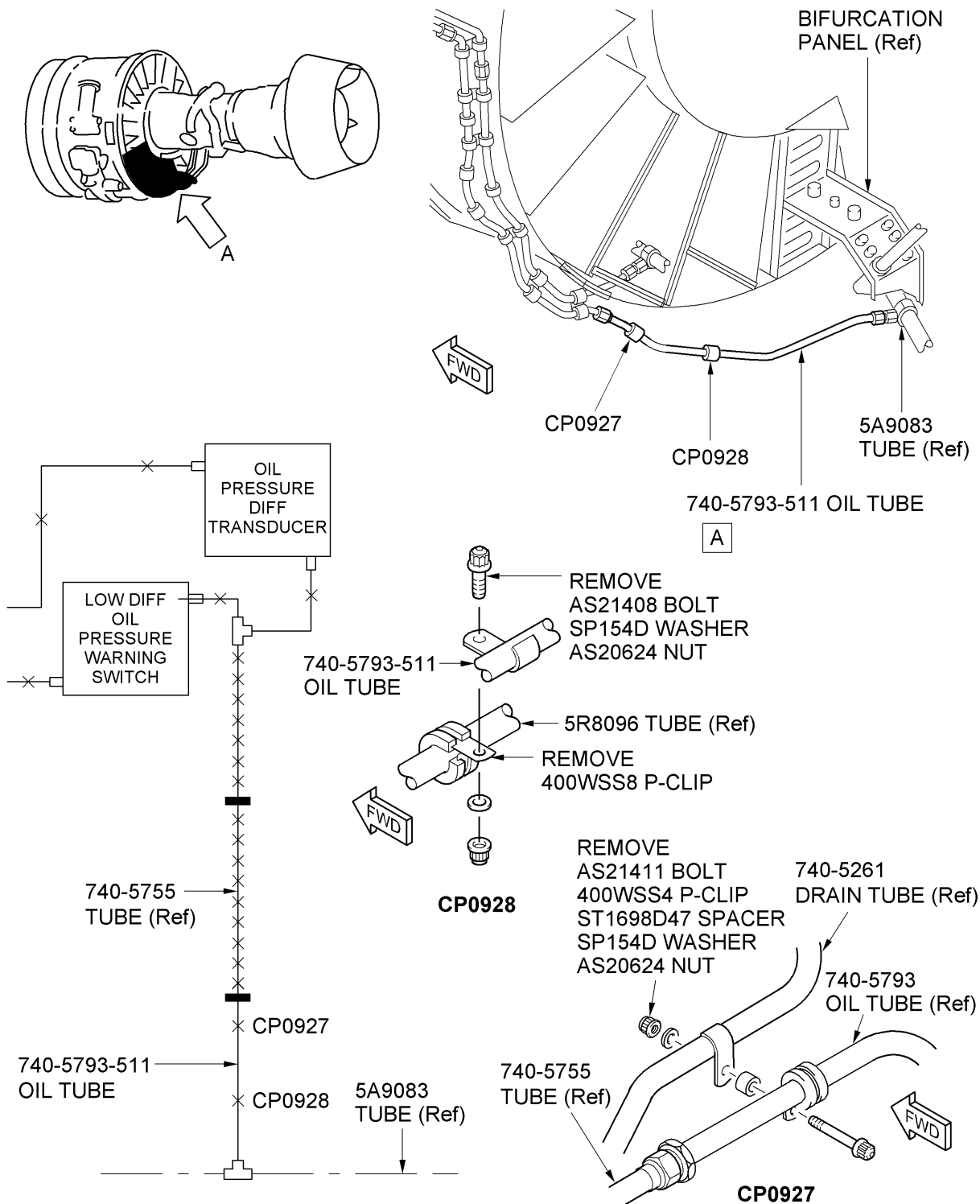
CLIP POINT 0583 BEFORE ALTERATION



CLIP POINT 0583 AFTER ALTERATION

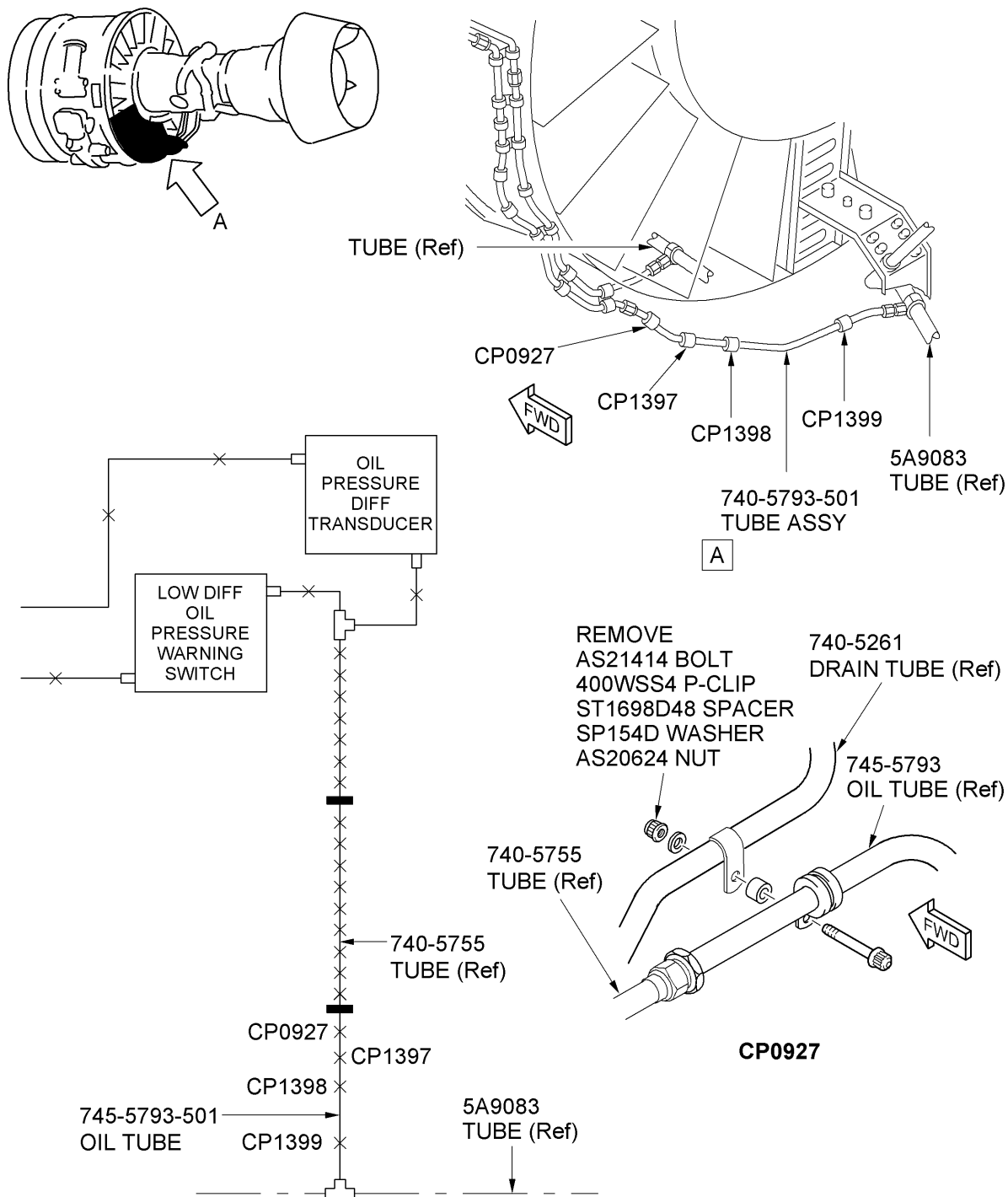
Fancase clip position 0553
Figure 64 sheet 6

dem0001622



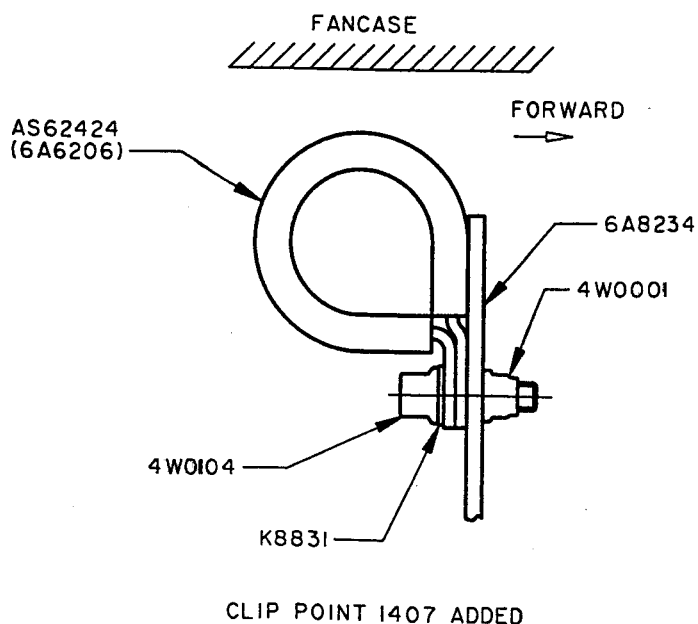
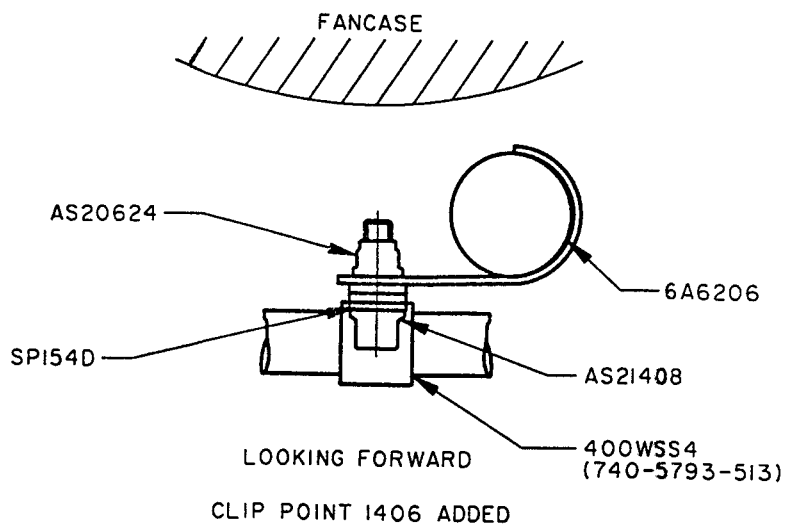
B4560

Fancase clip position 0927
Figure 64 sheet 7



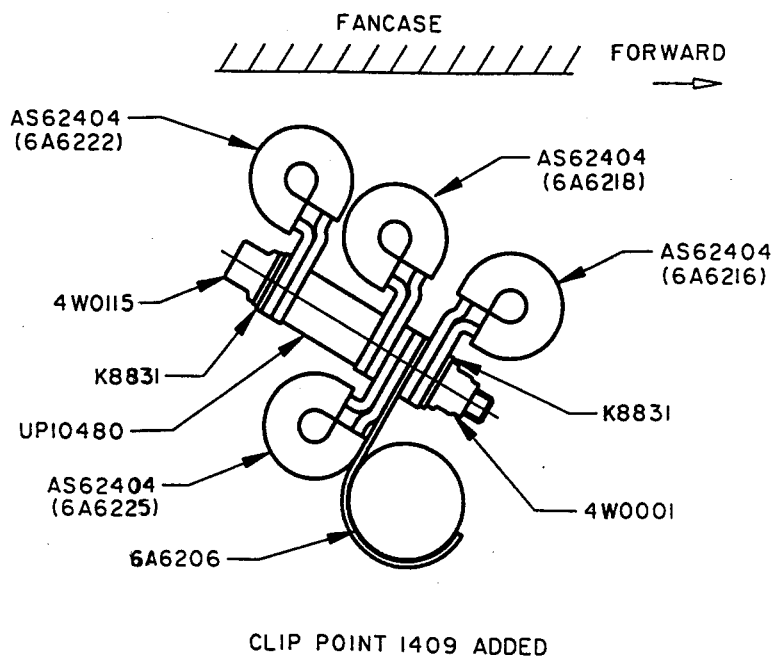
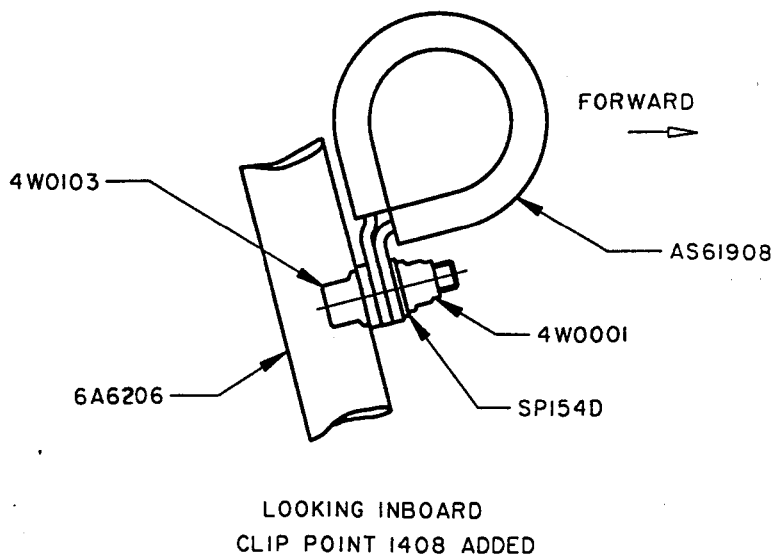
B4561

Fan case clip position 0927
Figure 64 sheet 8



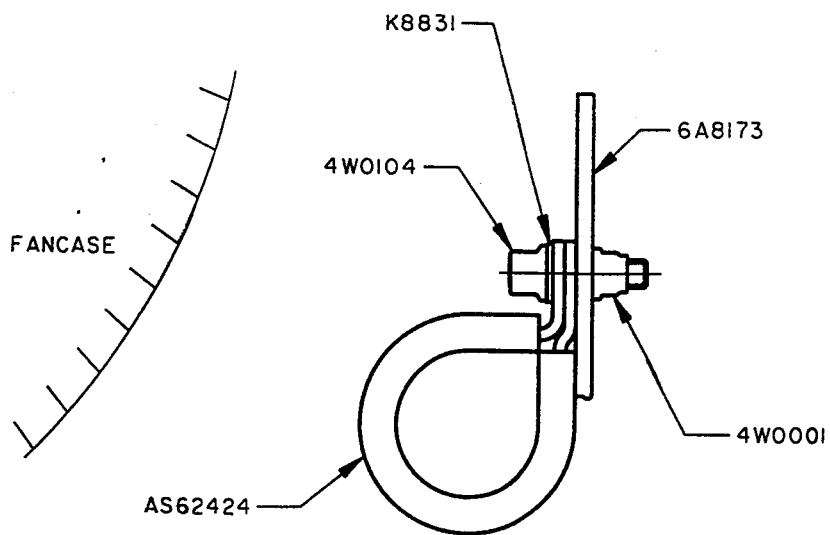
dem0001450

Fancase clip position 1406 and 1407
Figure 64 sheet 9



Fancase clip position 1408 and 1409
Figure 64 sheet 10

dem0001451



LOOKING FORWARD

CLIP POINT 1411 ADDED

dem0001452

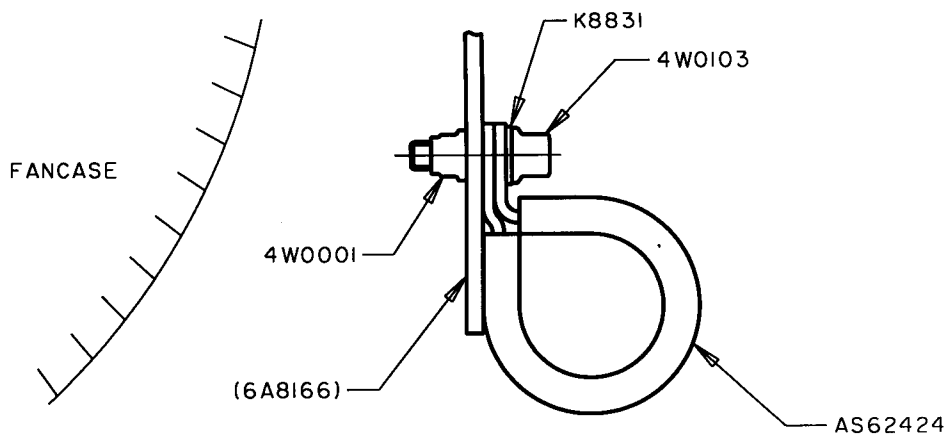
Fancase clip position 1411
Figure 64 sheet 11

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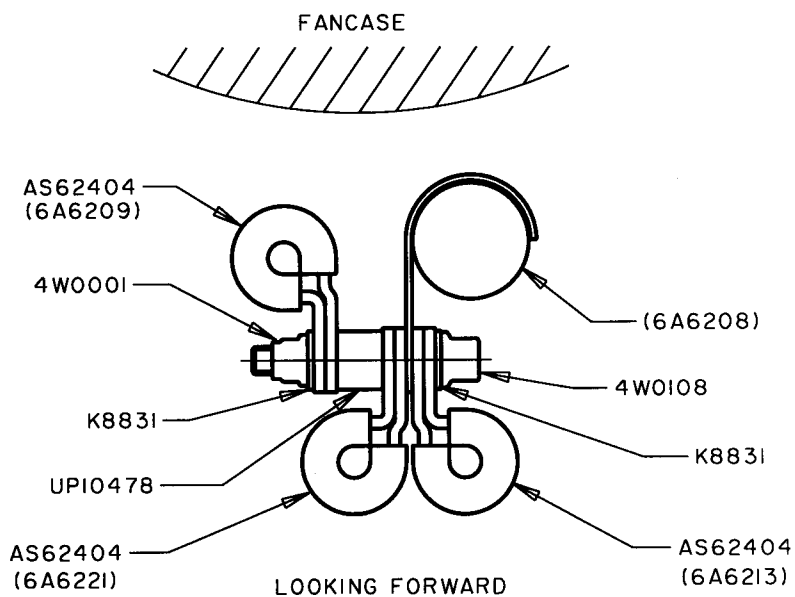
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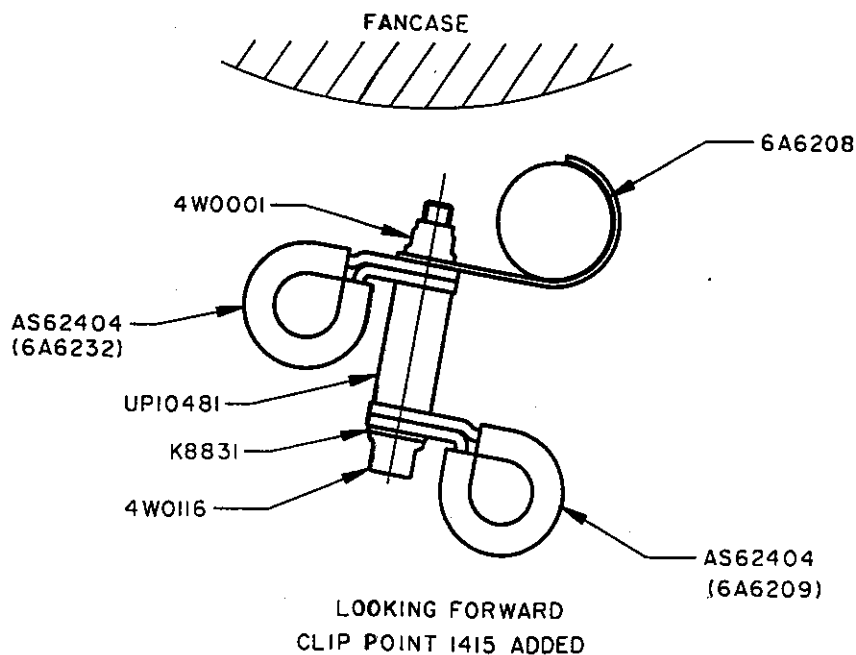
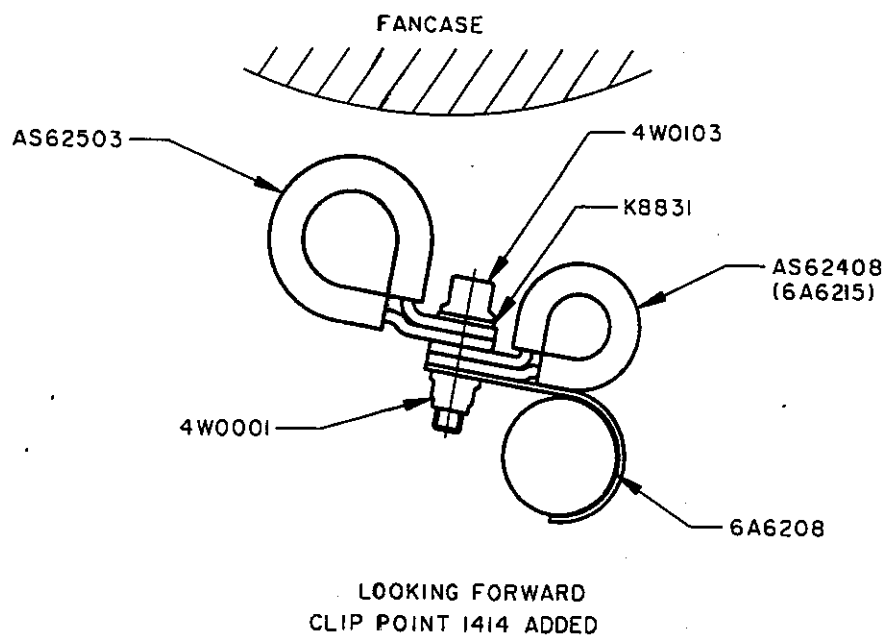
LOOKING FORWARD
CLIP POINT 1412 ADDED



LOOKING FORWARD
CLIP POINT 1413 ADDED

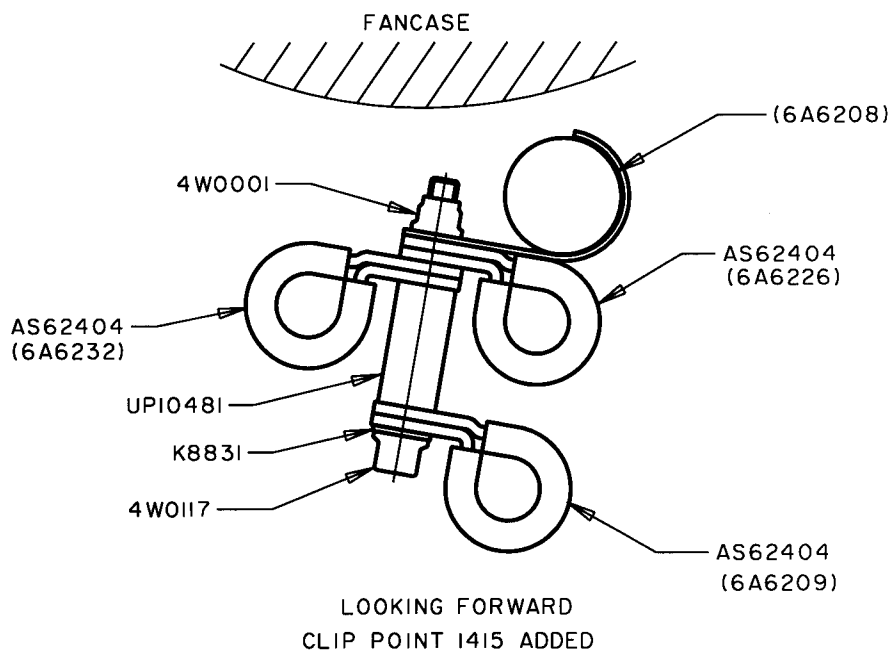
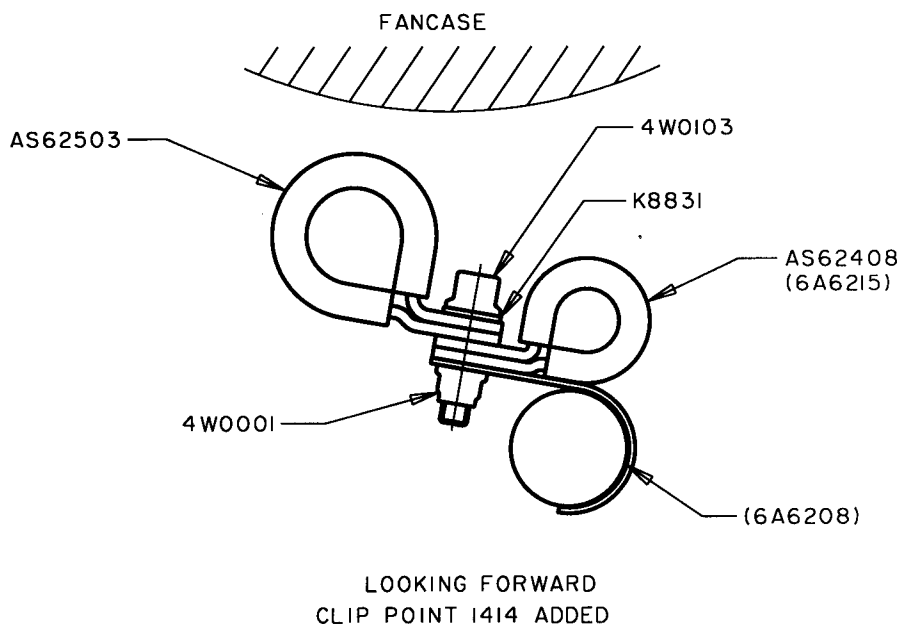
Fan case clip position 1412 and 1413
Figure 64 sheet 12

ded0004975



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SBE 75-0081: Fancase clip position 1414 and 1415
Figure 64 sheet 13



Pre SBE 75-0081: Fancase clip position 1414 and 1415
Figure 64 sheet 14



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Figure 64 sheet 15

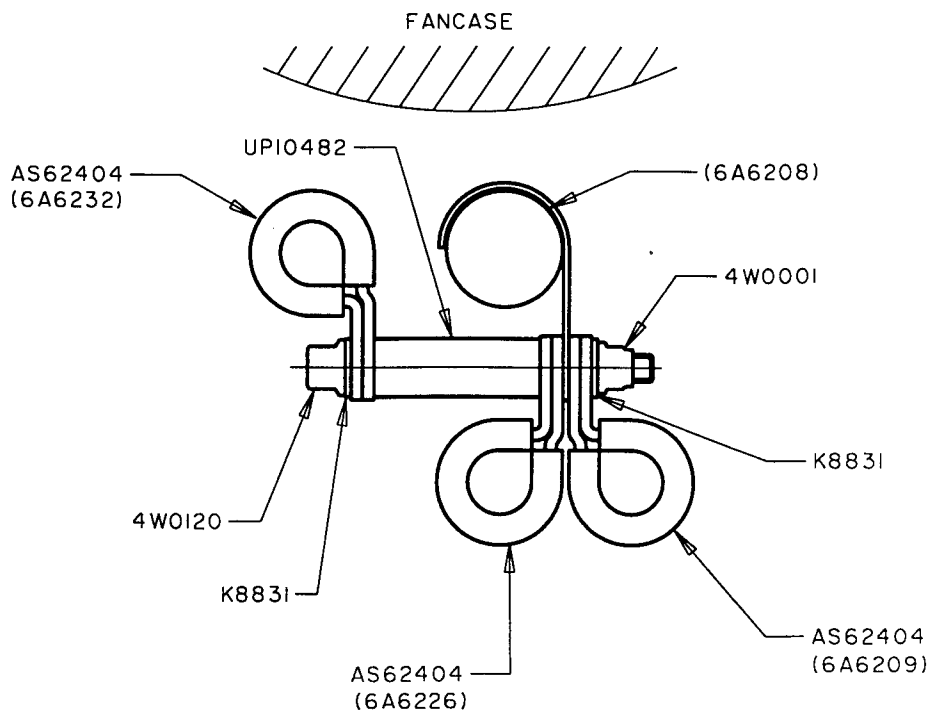
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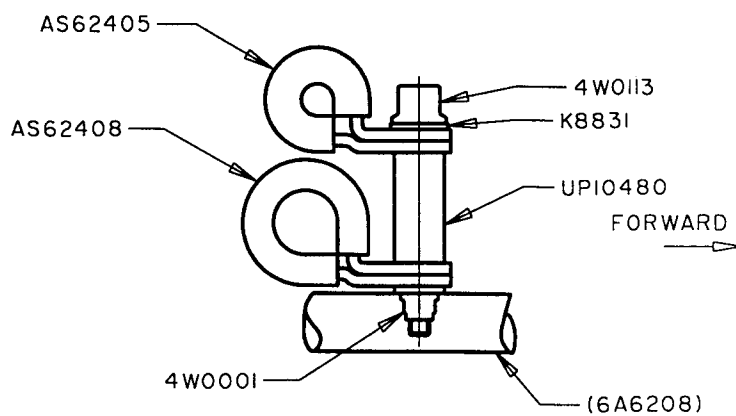
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LOOKING FORWARD
CLIP POINT 1416 ADDED



LOOKING INBOARD

CLIP POINT 1417 ADDED

Pre SBE 75-0081: Fancase clip position 1416 and 1417
Figure 64 sheet 16



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Figure 64 sheet 17

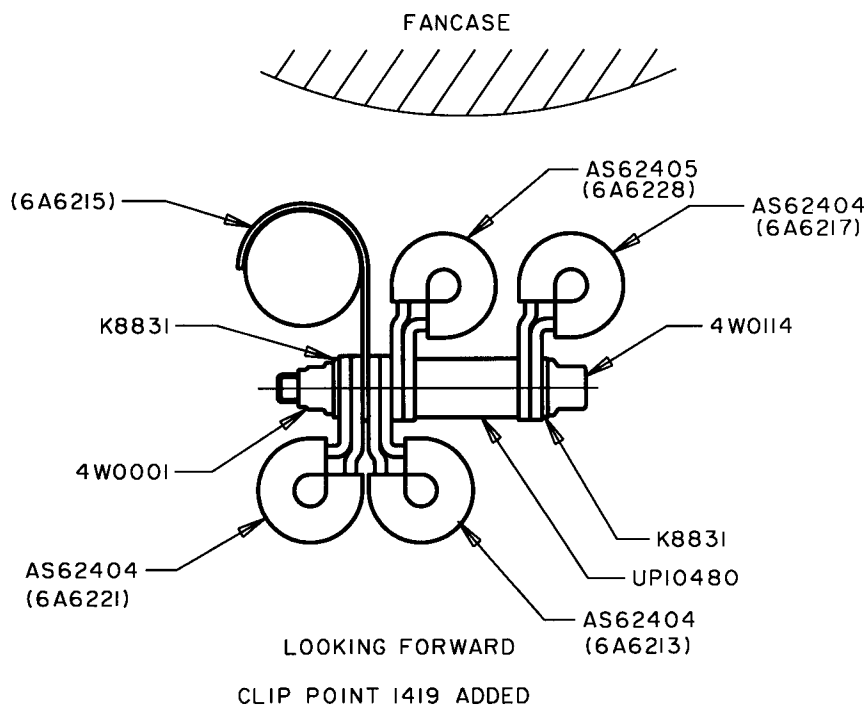
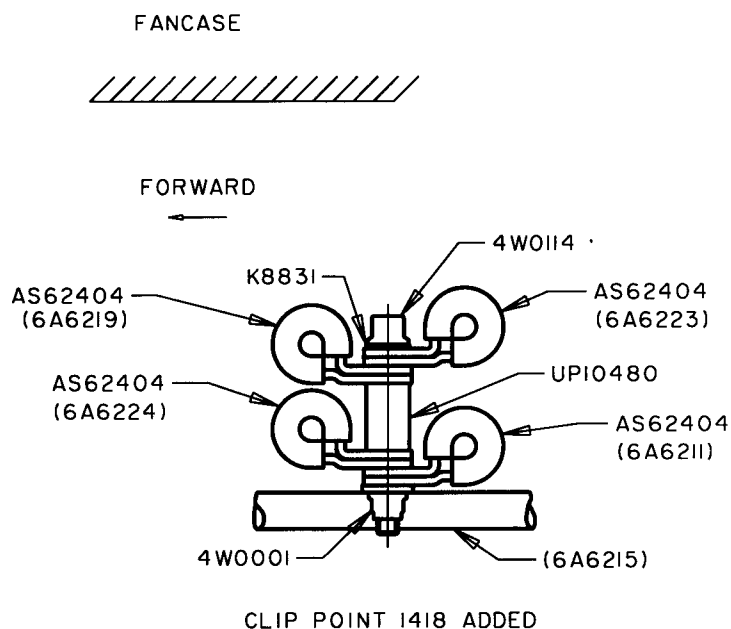
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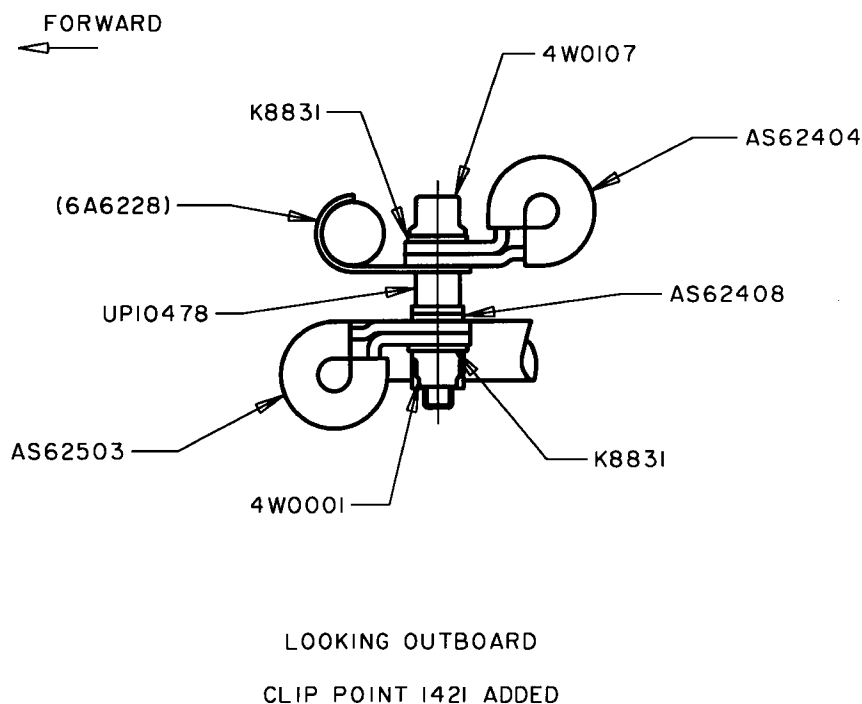
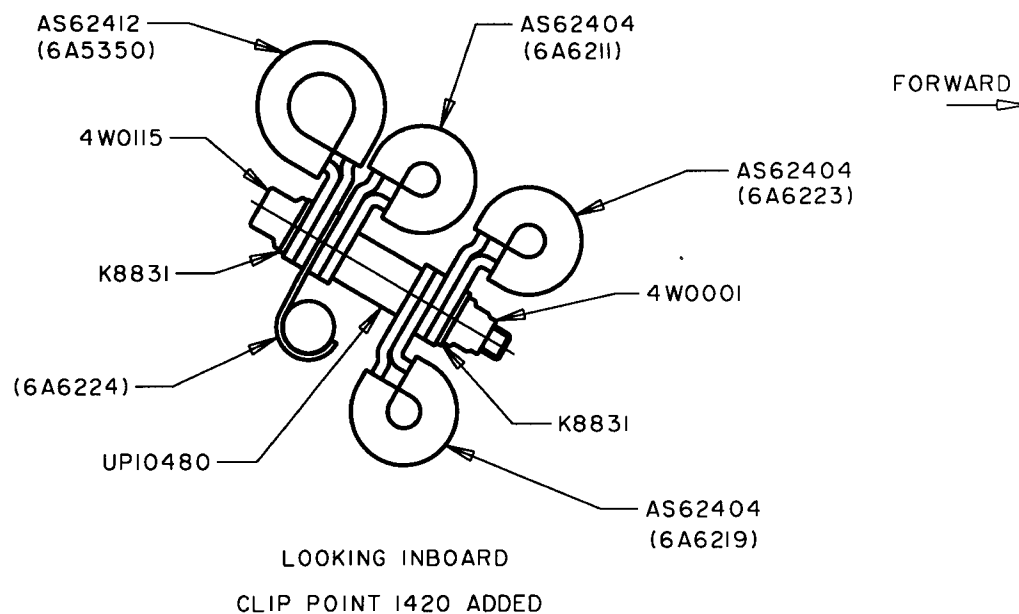
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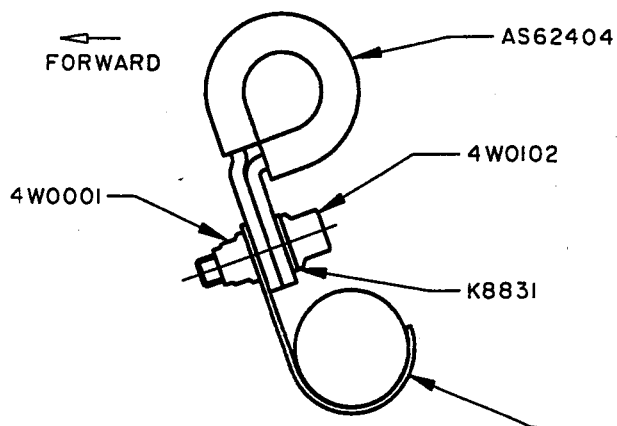


Fan case clip position 1418 and 1419
Figure 64 sheet 18

ded0004977

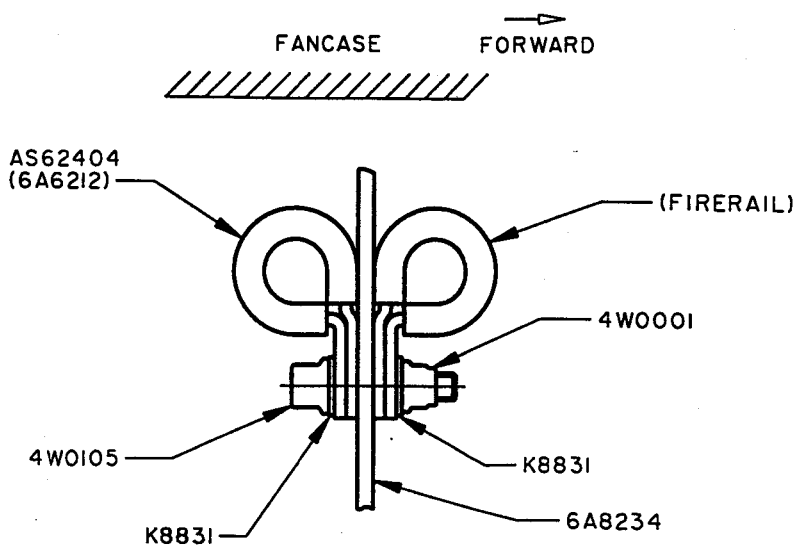


Fancase clip position 1420 and 1421
Figure 64 sheet 19



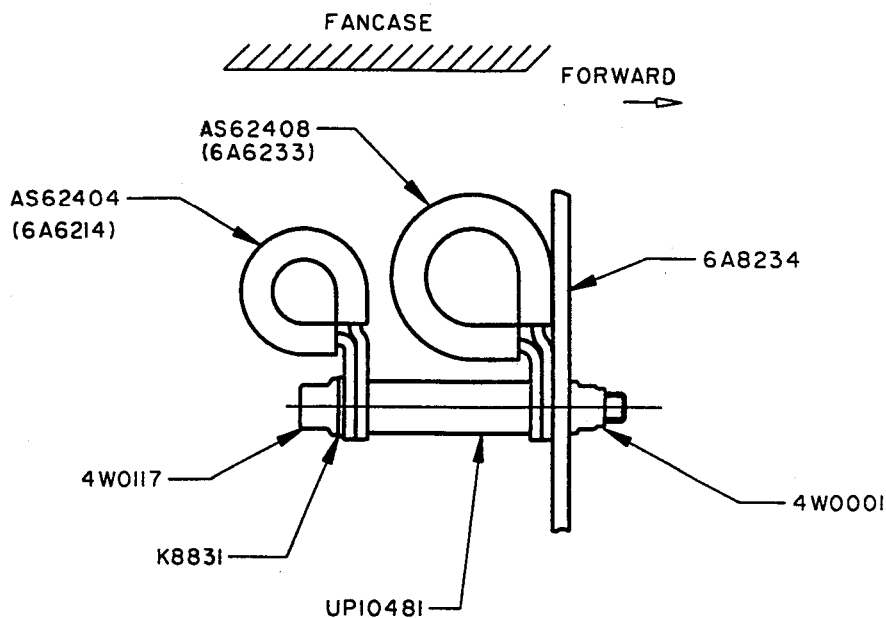
LOOKING INBOARD

CLIP POINT 1422 ADDED

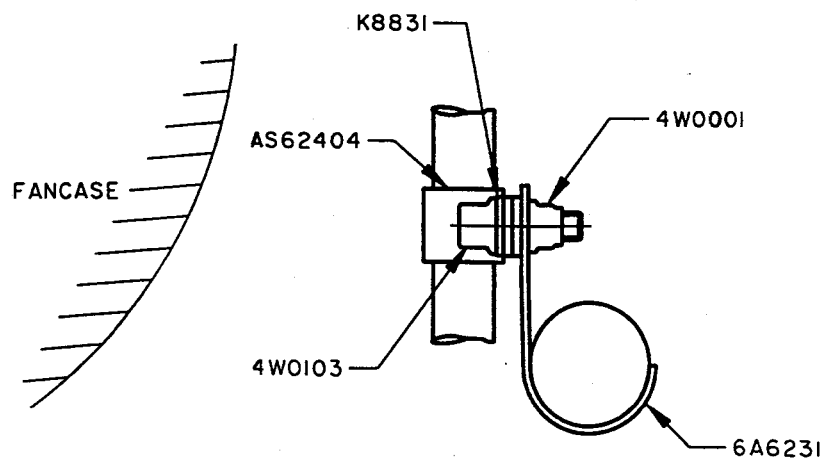


CLIP POINT 1423 ADDED

Fancase clip position 1422 and 1423
Figure 64 sheet 20



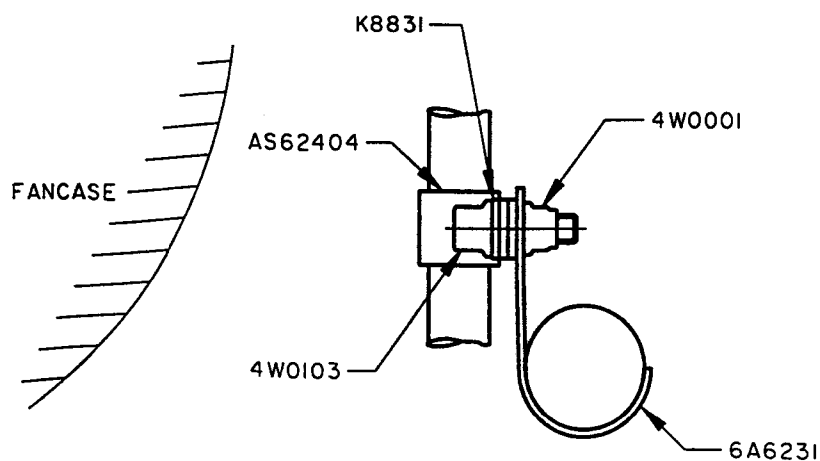
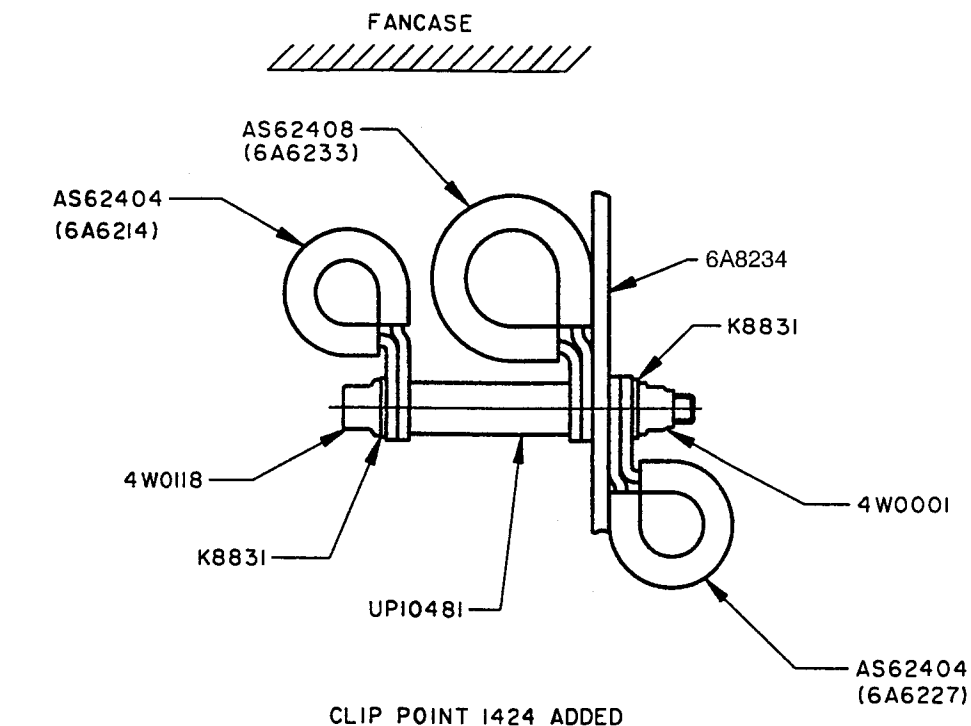
CLIP POINT 1424 ADDED



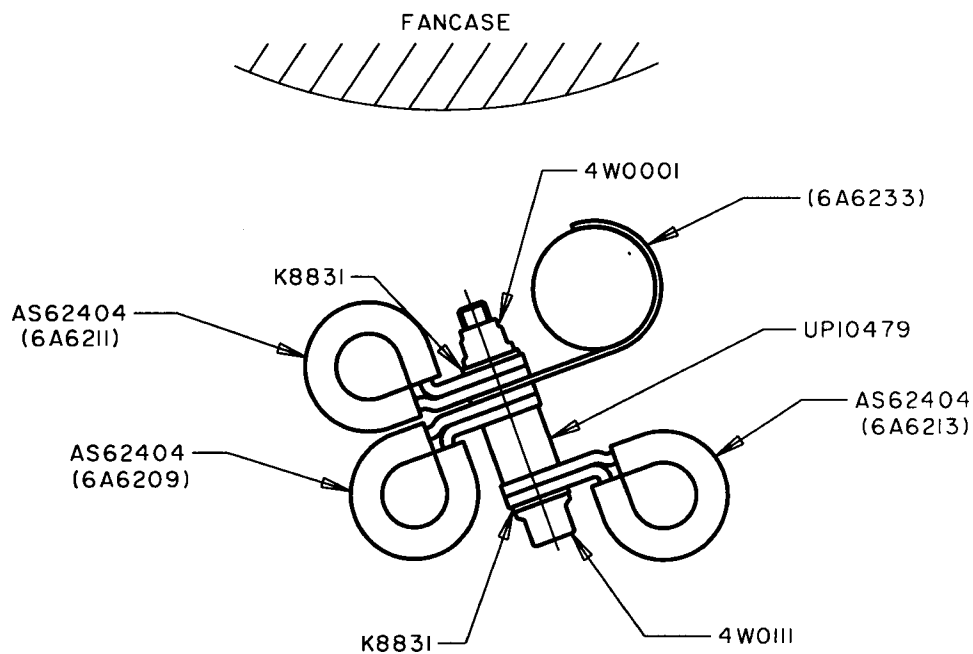
LOOKING FORWARD

CLIP POINT 1425 ADDED

SBE 75-0081: Fancase clip position 1424 and 1425
Figure 64 sheet 21

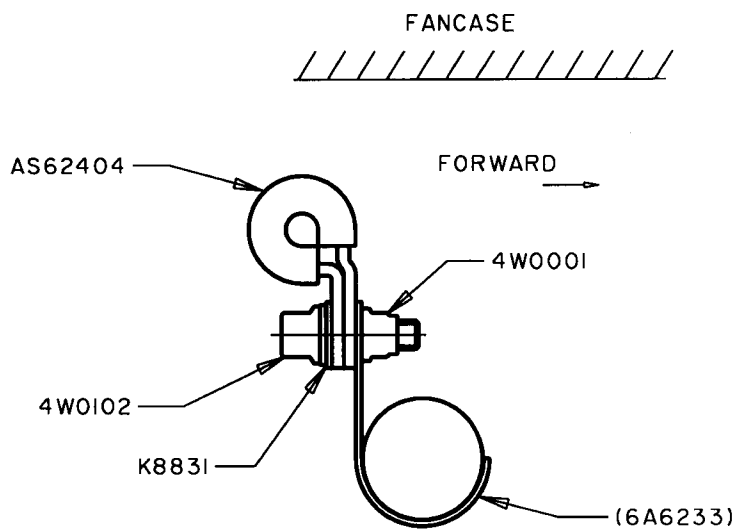


Pre SBE 75-0081: FANCLIP clip position 1424 and 1425
Figure 64 sheet 22



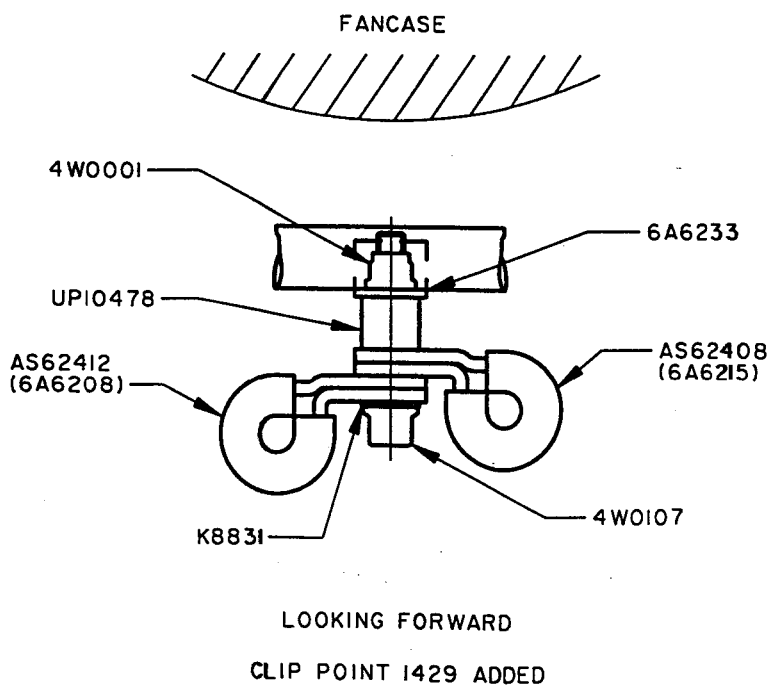
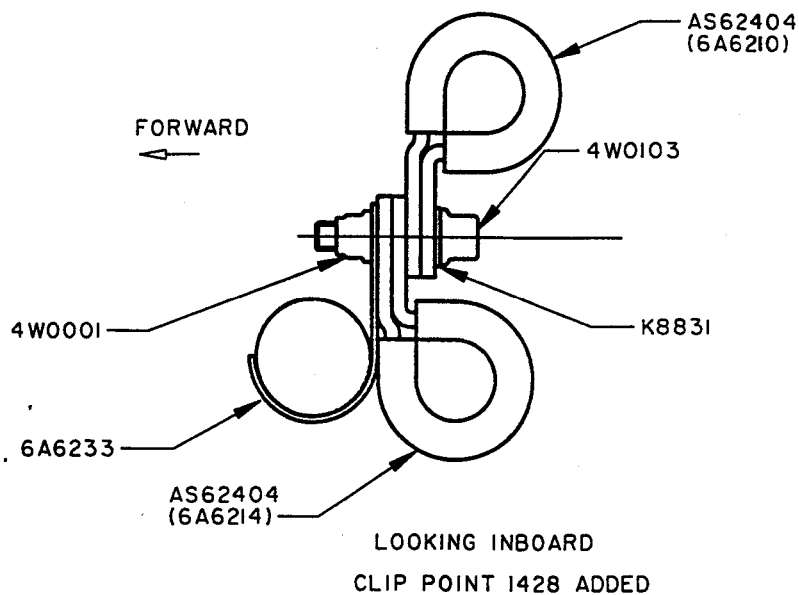
LOOKING FORWARD

CLIP POINT 1426 ADDED

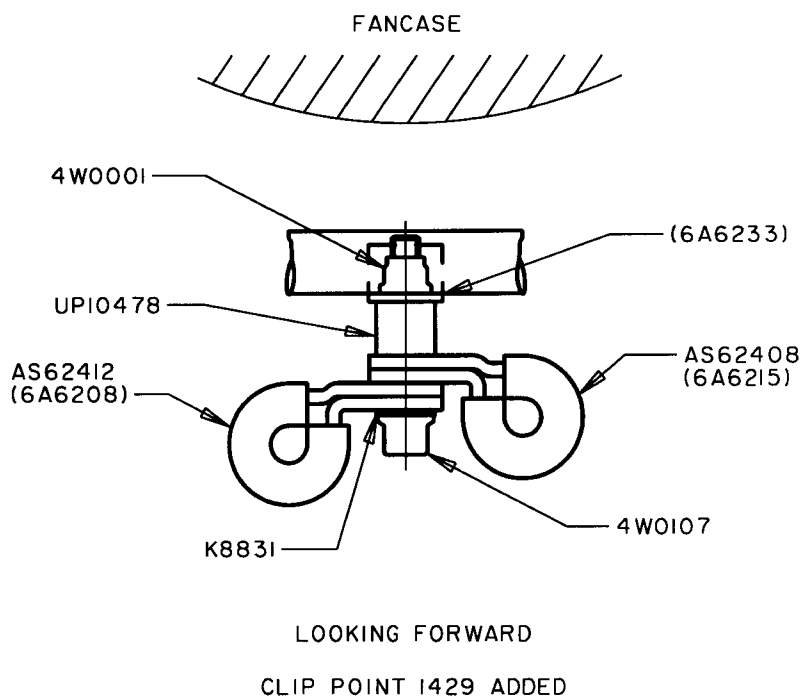
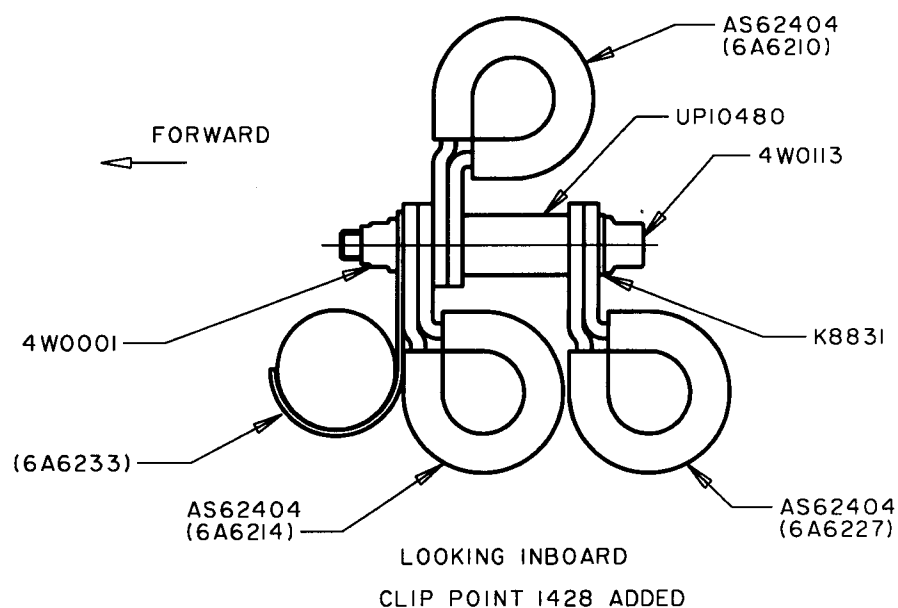


CLIP POINT 1427 ADDED

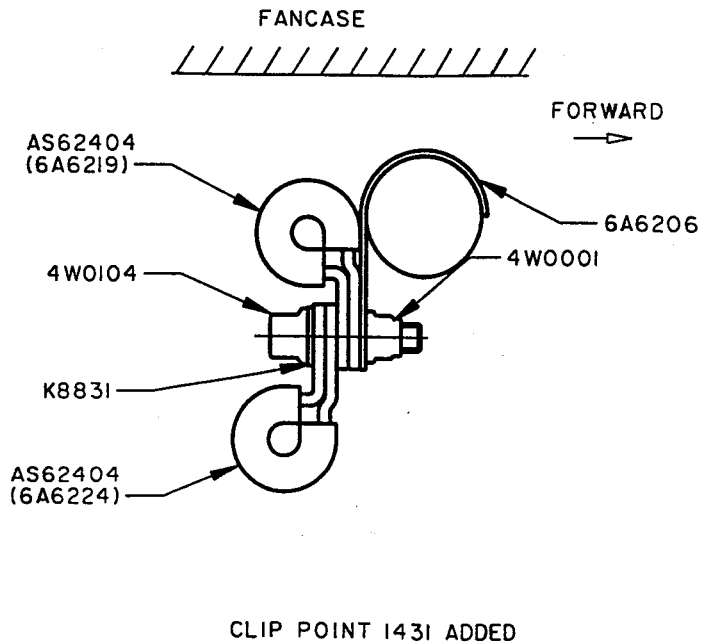
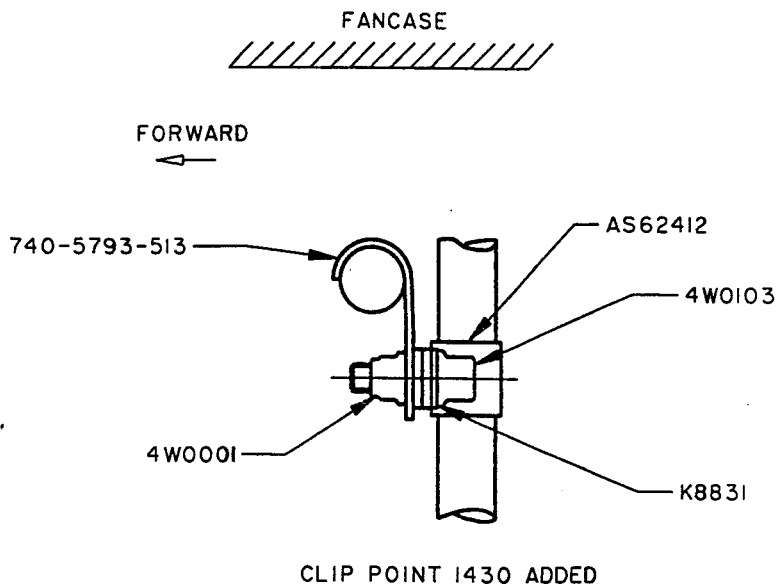
Fancase clip position 1426 and 1427
Figure 64 sheet 23



SBE 75-0081: Fancase clip position 1428 and 1429
Figure 64 sheet 24

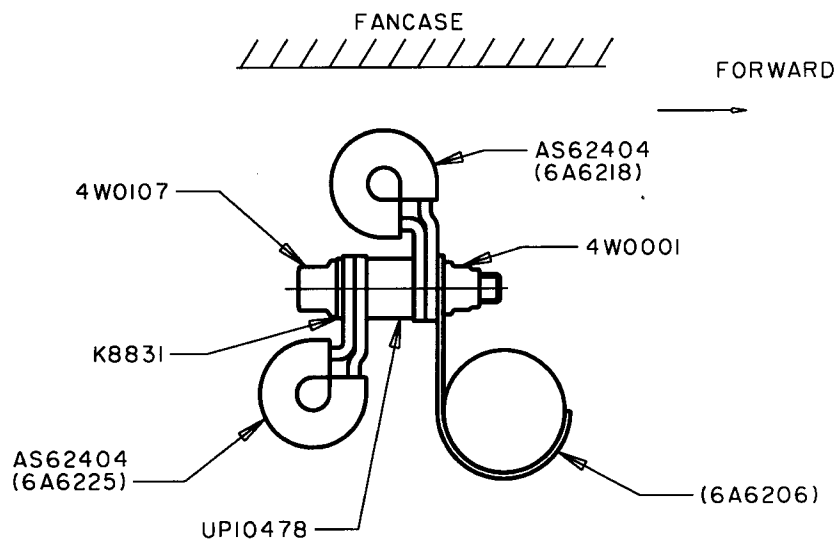


Pre SBE 75-0081: Fancase clip position 1428 and 1429
Figure 64 sheet 25

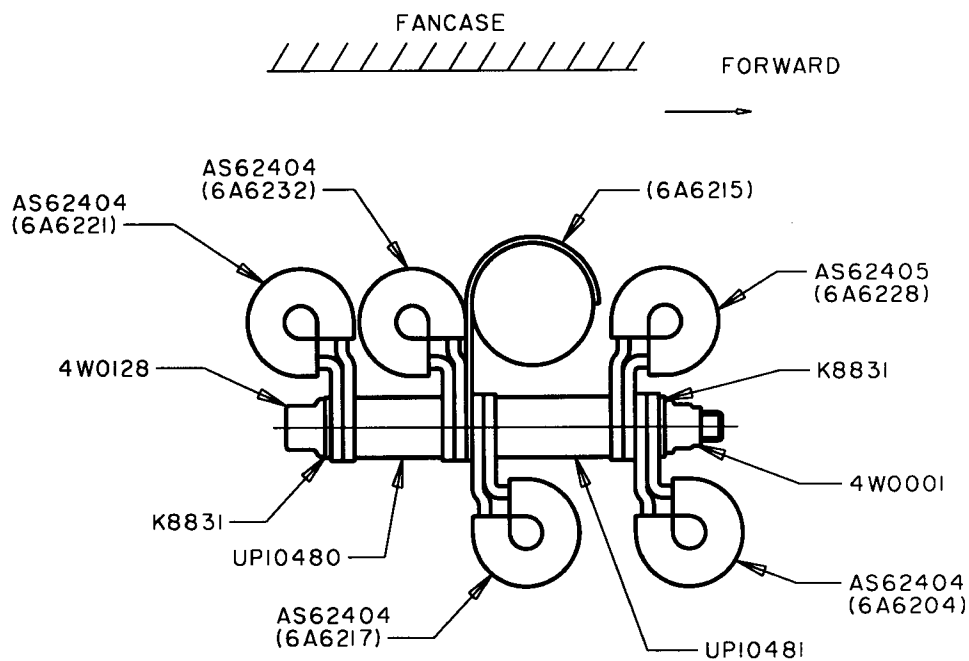


Fan case clip position 1430 and 1431
Figure 64 sheet 26

dem0001462

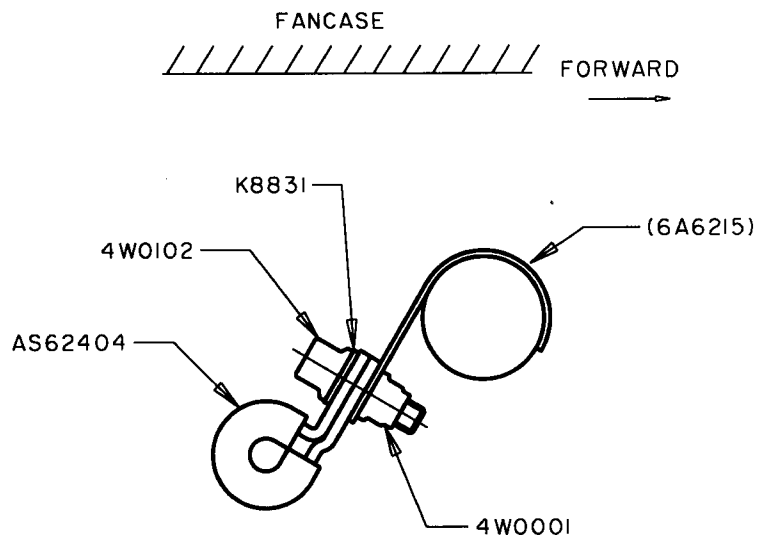


CLIP POINT 1432 ADDED

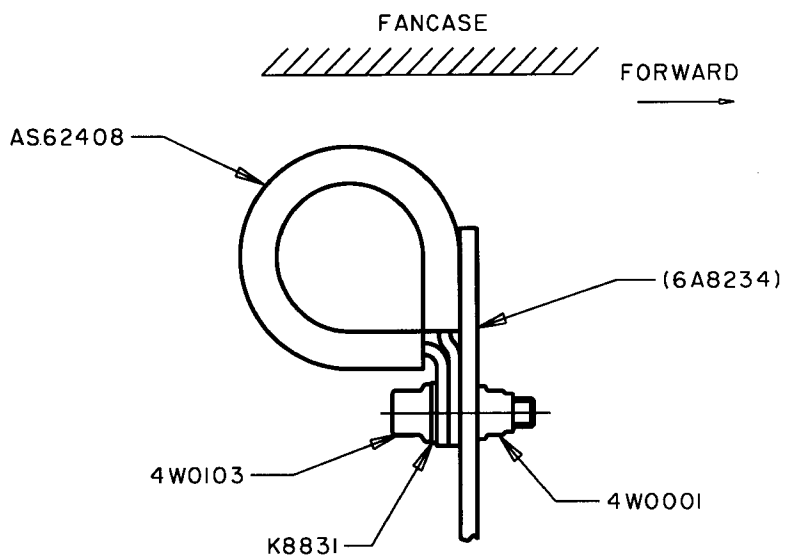


CLIP POINT 1433 ADDED

Fancase clip position 1432 and 1433
Figure 64 sheet 27

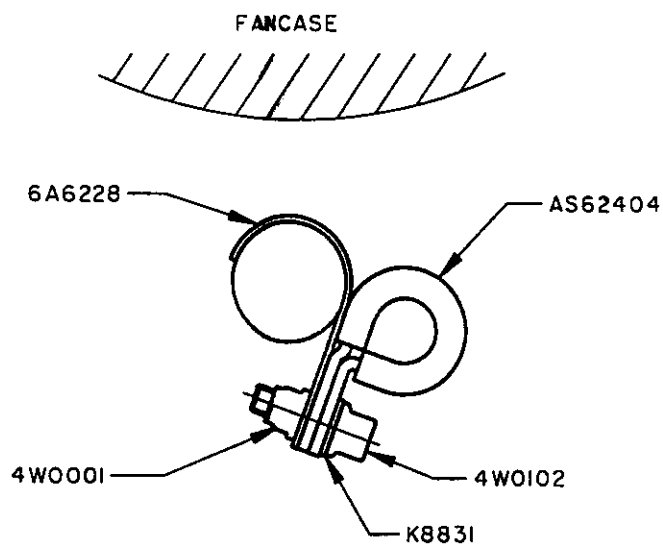


CLIP POINT 1434 ADDED

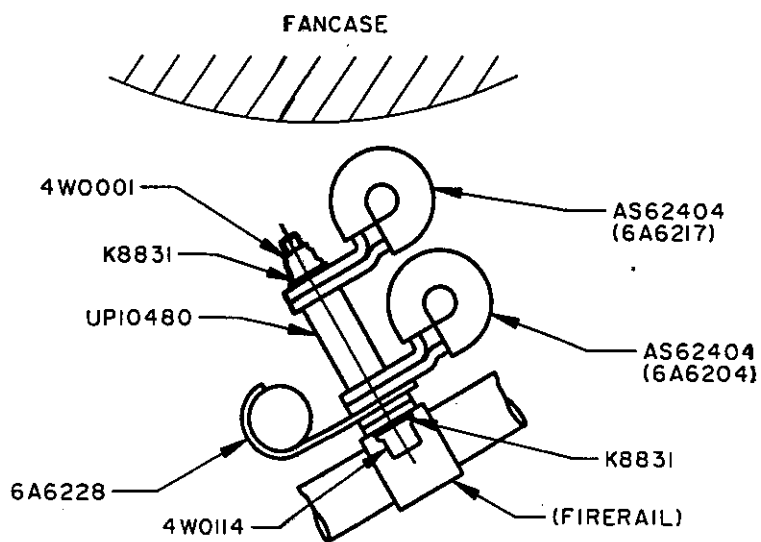


CLIP POINT 1435 ADDED

Fancase clip position 1434 and 1435
Figure 64 sheet 28



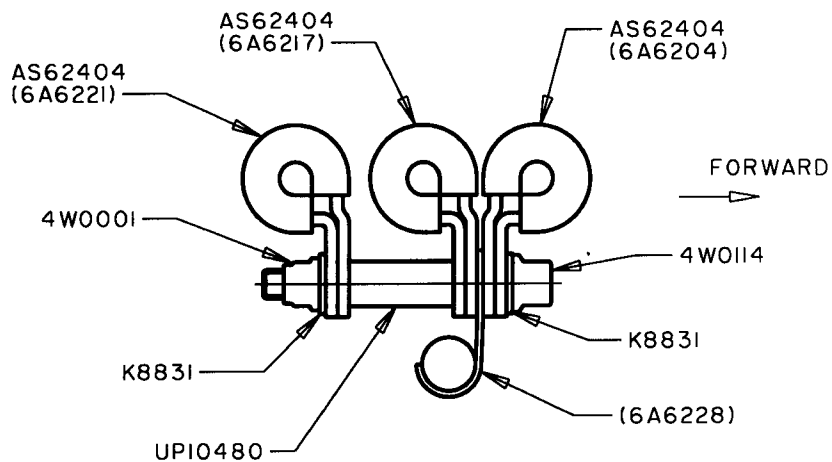
LOOKING FORWARD
CLIP POINT 1436 ADDED



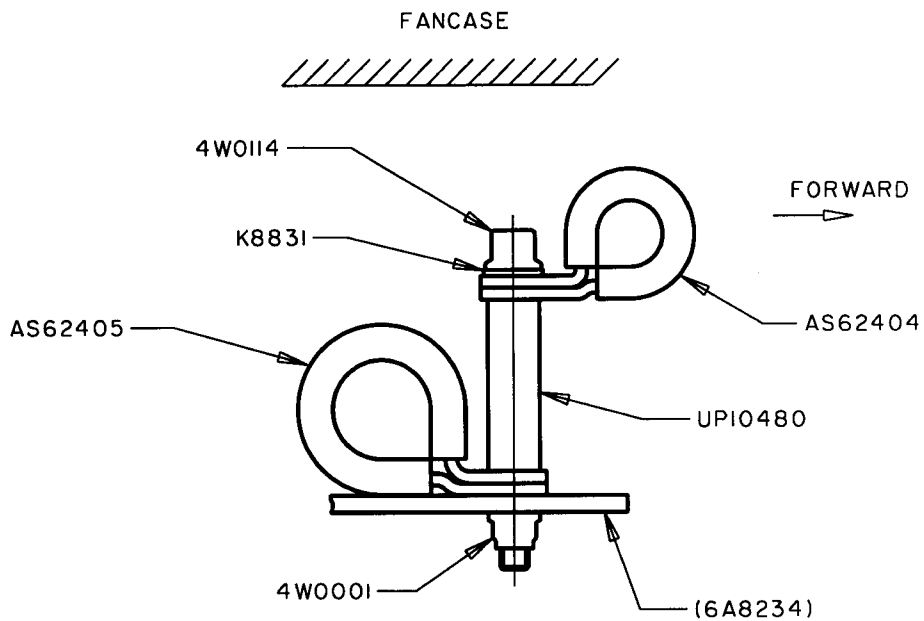
LOOKING FORWARD
CLIP POINT 1437 ADDED

Fan case clip position 1436 and 1437
Figure 64 sheet 29

dem0001465



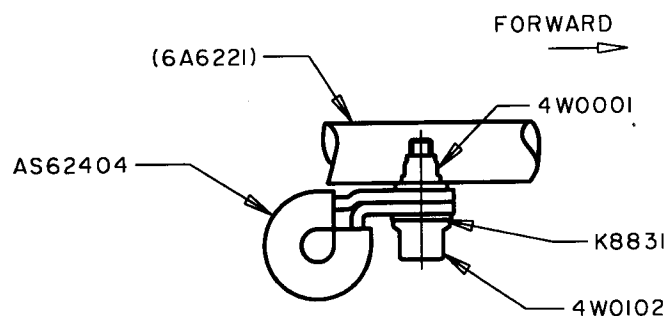
LOOKING INBOARD
CLIP POINT 1438 ADDED



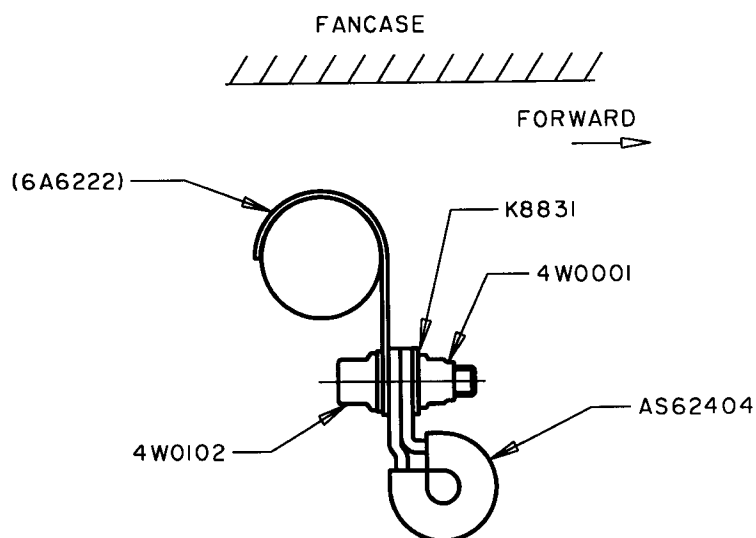
CLIP POINT 1439 ADDED

Fan case clip position 1438 and 1439
Figure 64 sheet 30

ded0004988

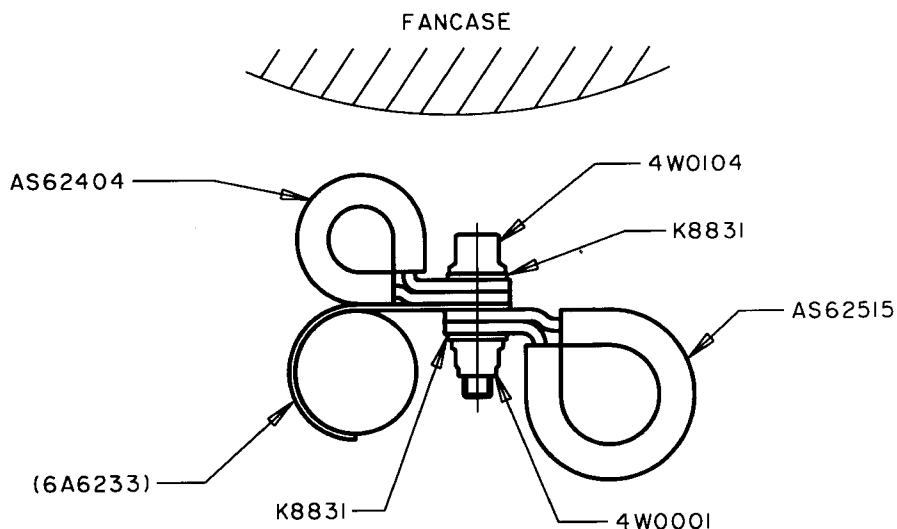


LOOKING INBOARD
CLIP POINT 1440 ADDED

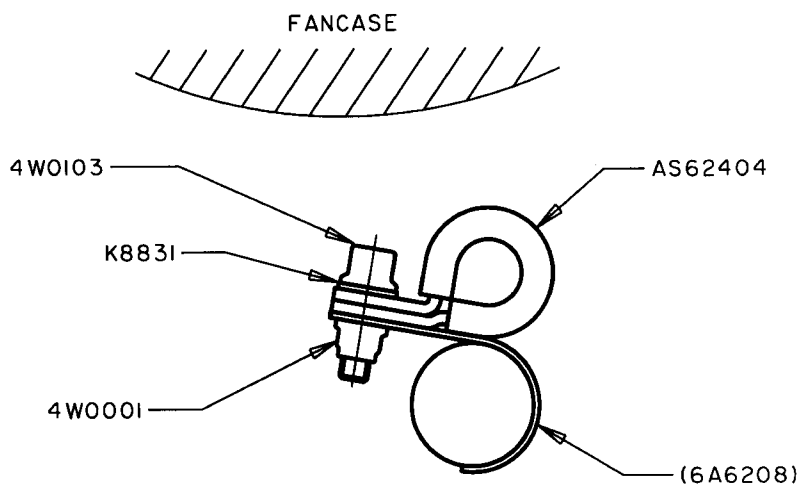


CLIP POINT 1441 ADDED

Fan case clip position 1440 and 1441
Figure 64 sheet 31



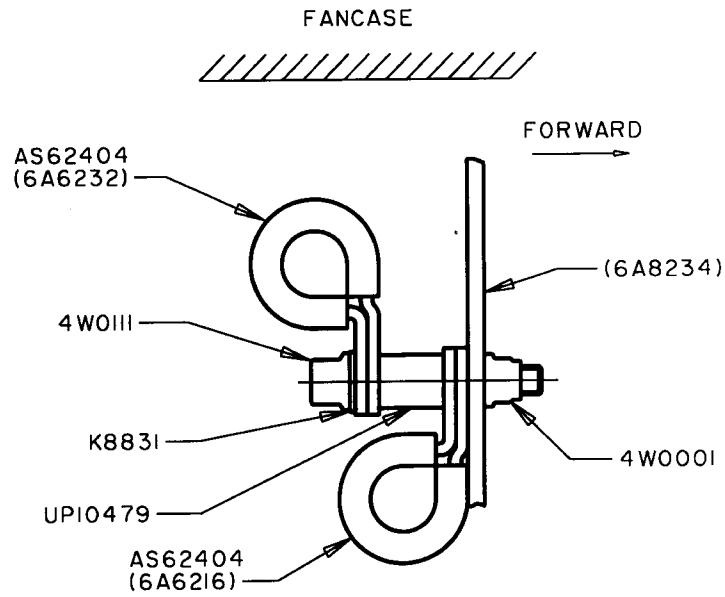
LOOKING FORWARD
CLIP POINT 1442 ADDED



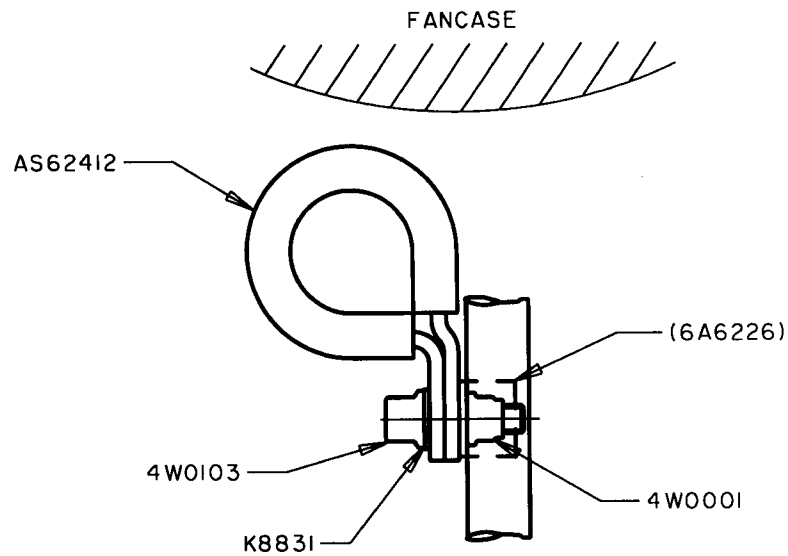
LOOKING FORWARD
CLIP POINT 1443 ADDED

Fancase clip position 1442 and 1443
Figure 64 sheet 32

ded0004990

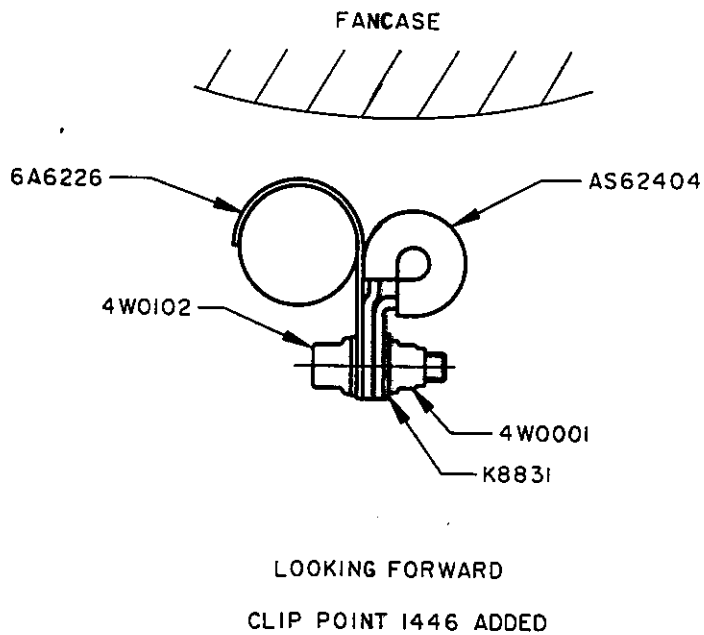


CLIP POINT 1444 ADDED



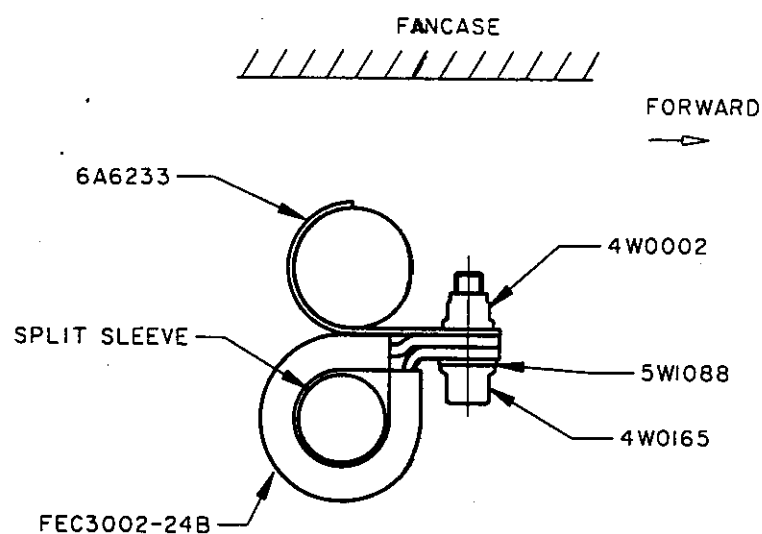
LOOKING FORWARD
CLIP POINT 1445 ADDED

Fan case clip position 1444 and 1445
Figure 64 sheet 33



Fancase clip position 1446
Figure 64 sheet 34

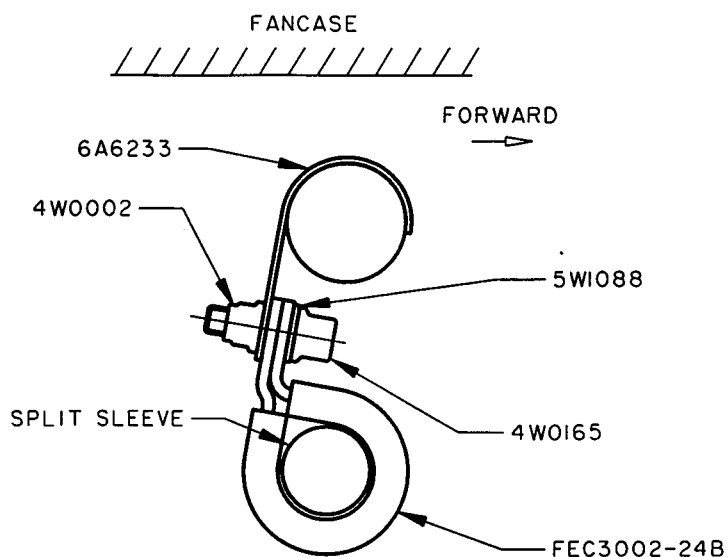
dem0001628



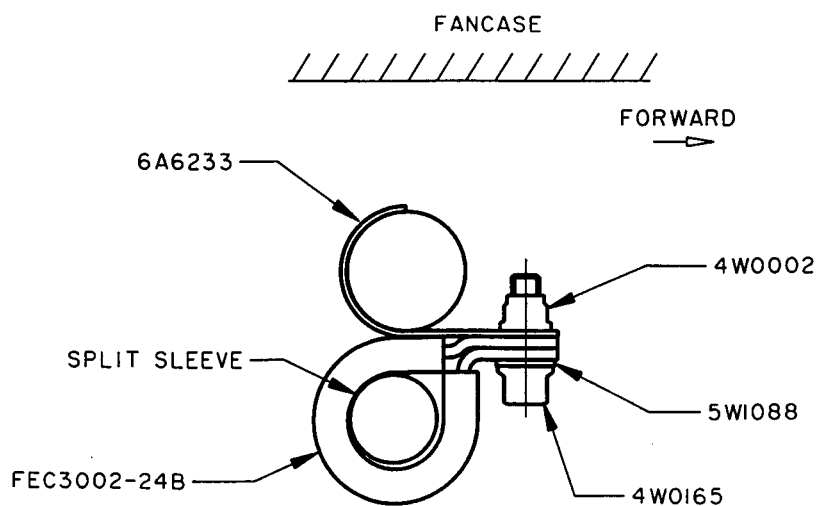
CLIP POINT 1447 ADDED

dem0001470

Fancase clip position 1447
Figure 64 sheet 35

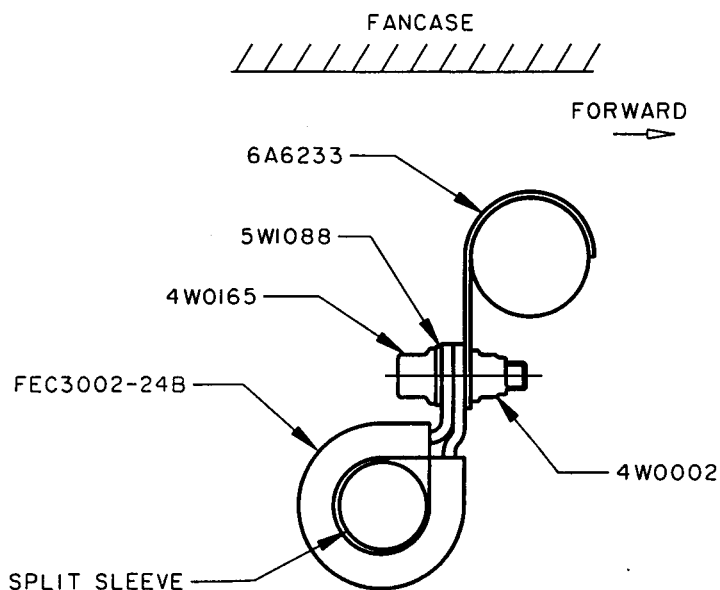


CLIP POINT 1448 ADDED

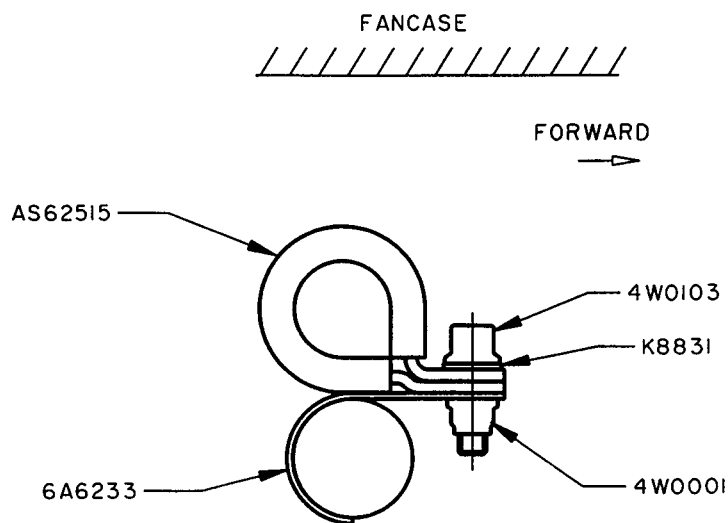


CLIP POINT 1449 ADDED

Fan case clip position 1448 and 1449
Figure 64 sheet 36

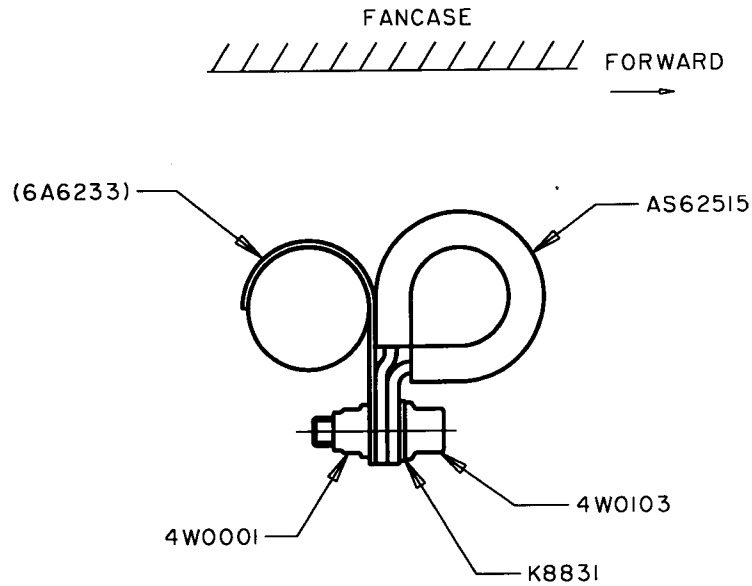


CLIP POINT 1450 ADDED

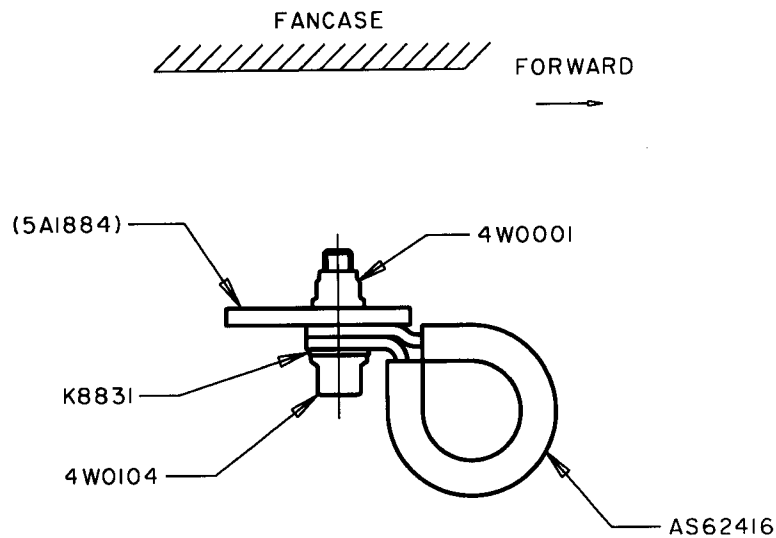


CLIP POINT 1451 ADDED

Fancase clip position 1450 and 1451
Figure 64 sheet 37



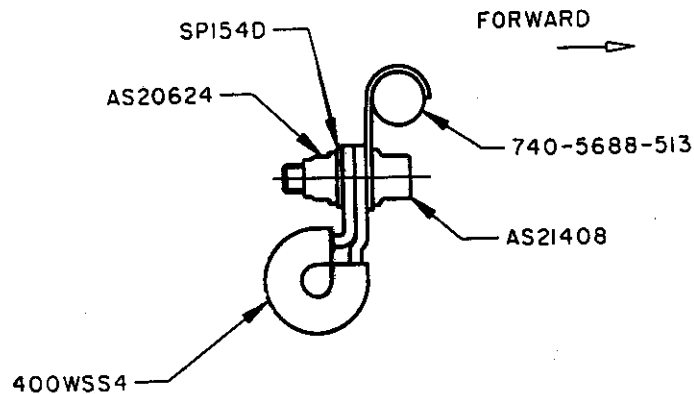
CLIP POINT 1452 ADDED



CLIP POINT 1453 ADDED

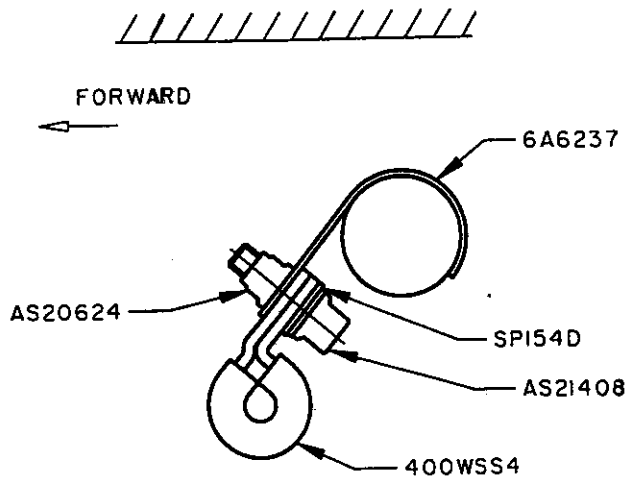
Fancase clip position 1452 and 1453
Figure 64 sheet 38

ded0004995



LOOKING INBOARD

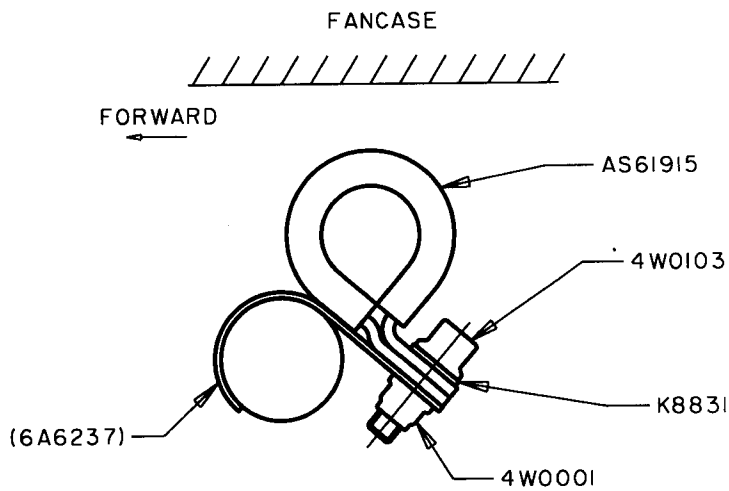
CLIP POINT 1454 ADDED (EBU 3)



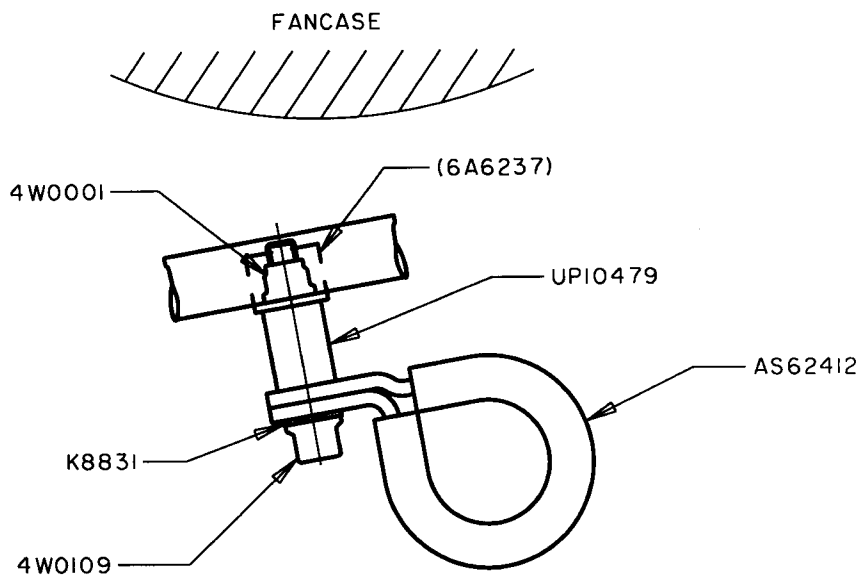
CLIP POINT 1455 ADDED (EBU 3)

Fancase clip position 1454 and 1455
Figure 64 sheet 39

dem0001474



CLIP POINT 1456 ADDED

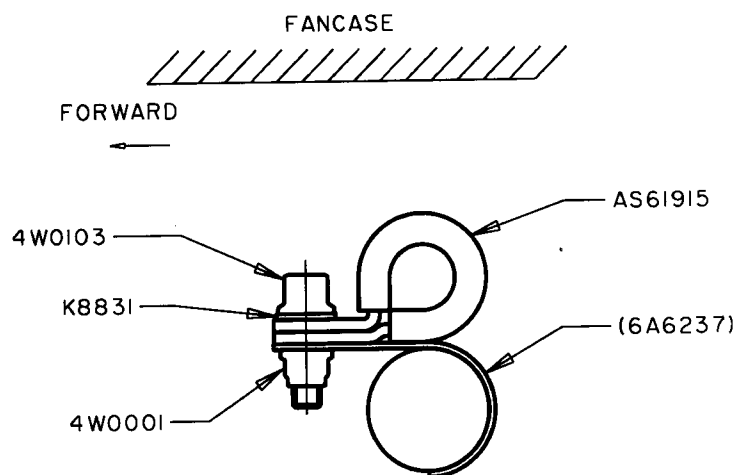


LOOKING REARWARD

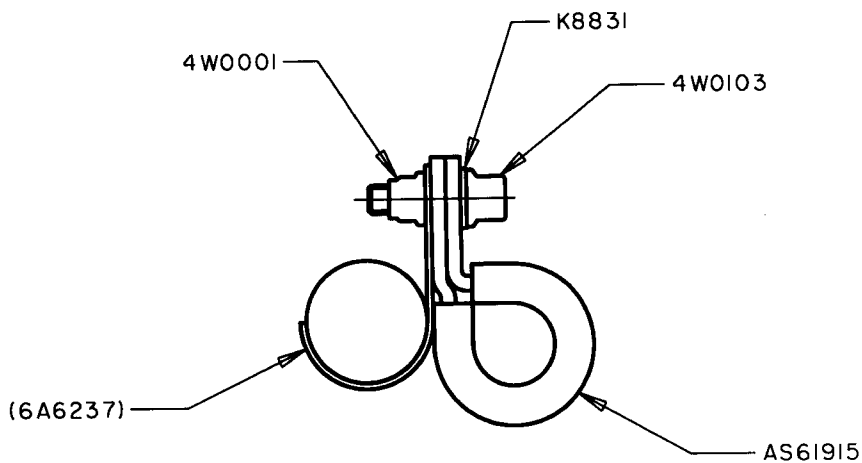
CLIP POINT 1457 ADDED

Fancase clip position 1456 and 1457
Figure 64 sheet 40

ded0004997



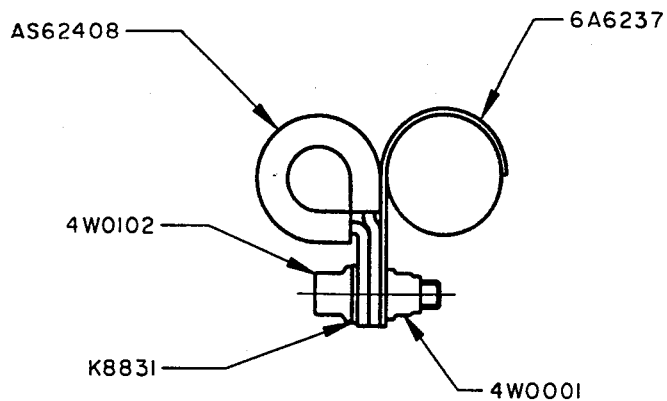
CLIP POINT 1458 ADDED



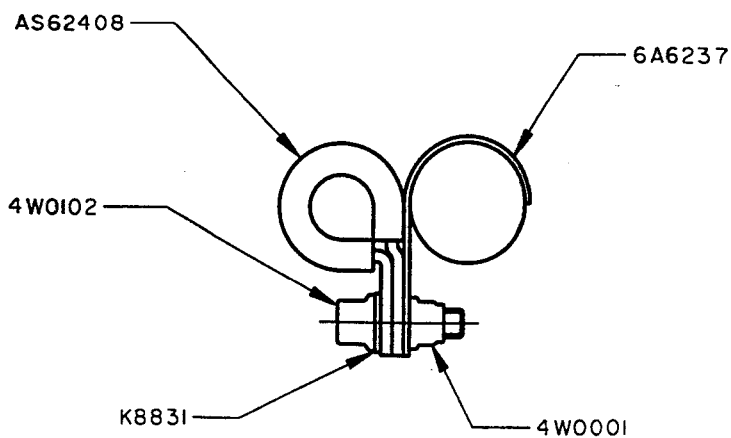
LOOKING REARWARD

CLIP POINT 1459 ADDED

Fancase clip position 1458 and 1459
Figure 64 sheet 41



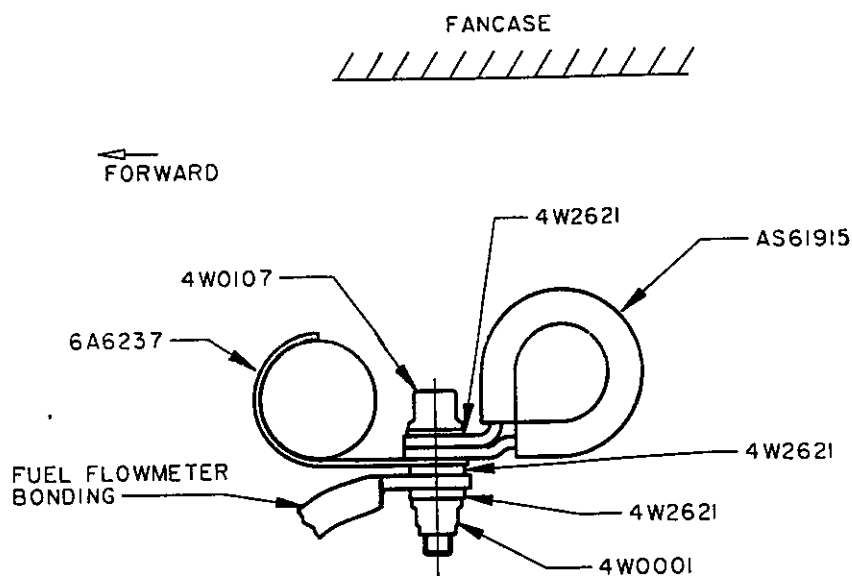
LOOKING REARWARD
CLIP POINT 1460 ADDED



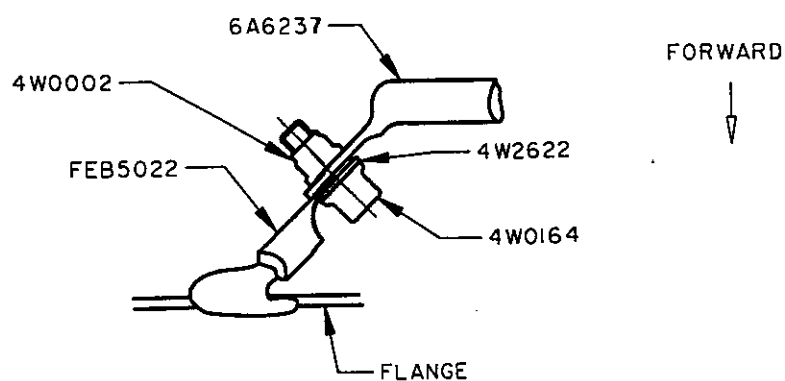
LOOKING REARWARD
CLIP POINT 1461 ADDED

Fancase clip position 1460 and 1461
Figure 64 sheet 42

dem0001477

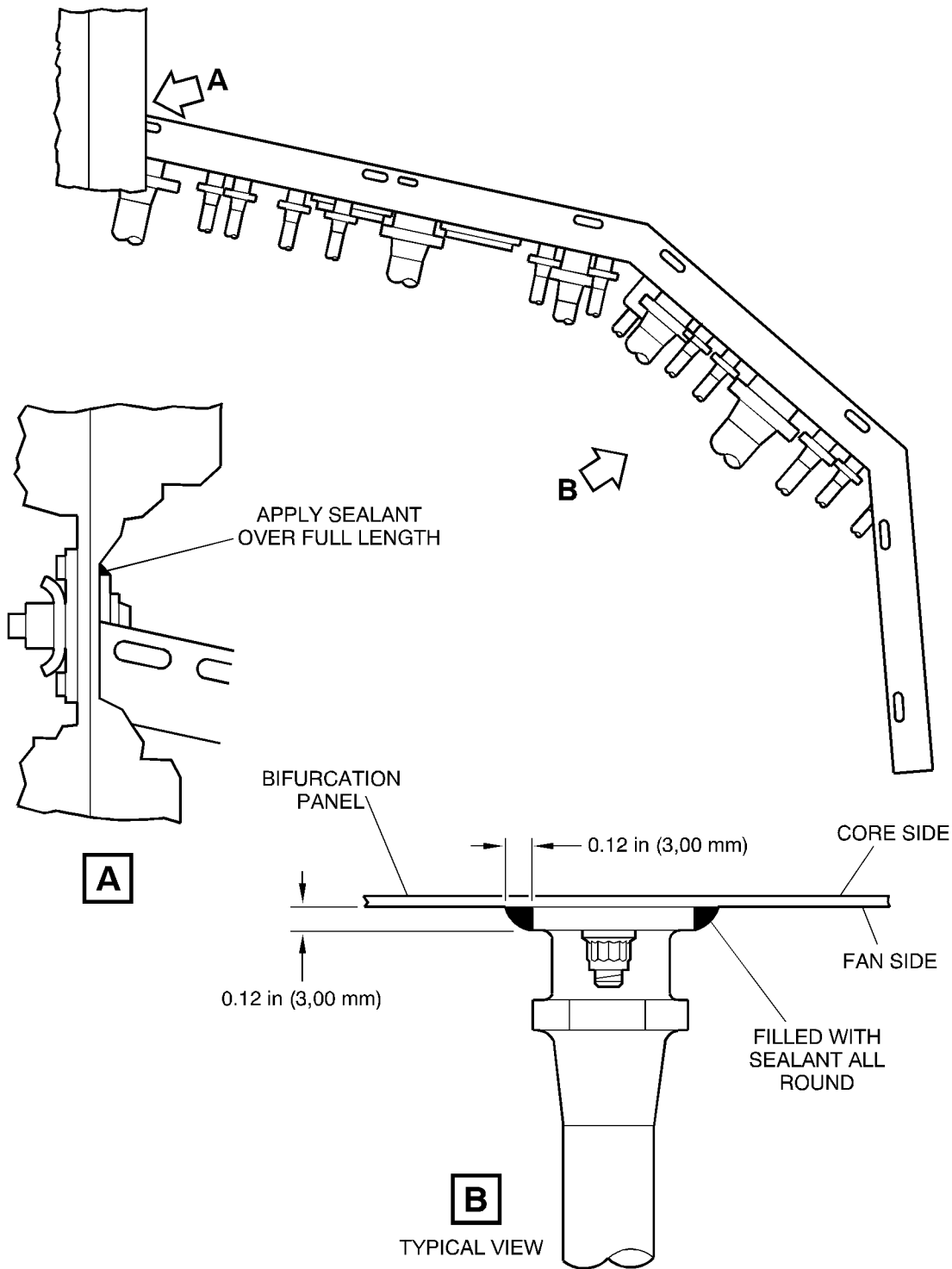


CLIP POINT 1462 ADDED

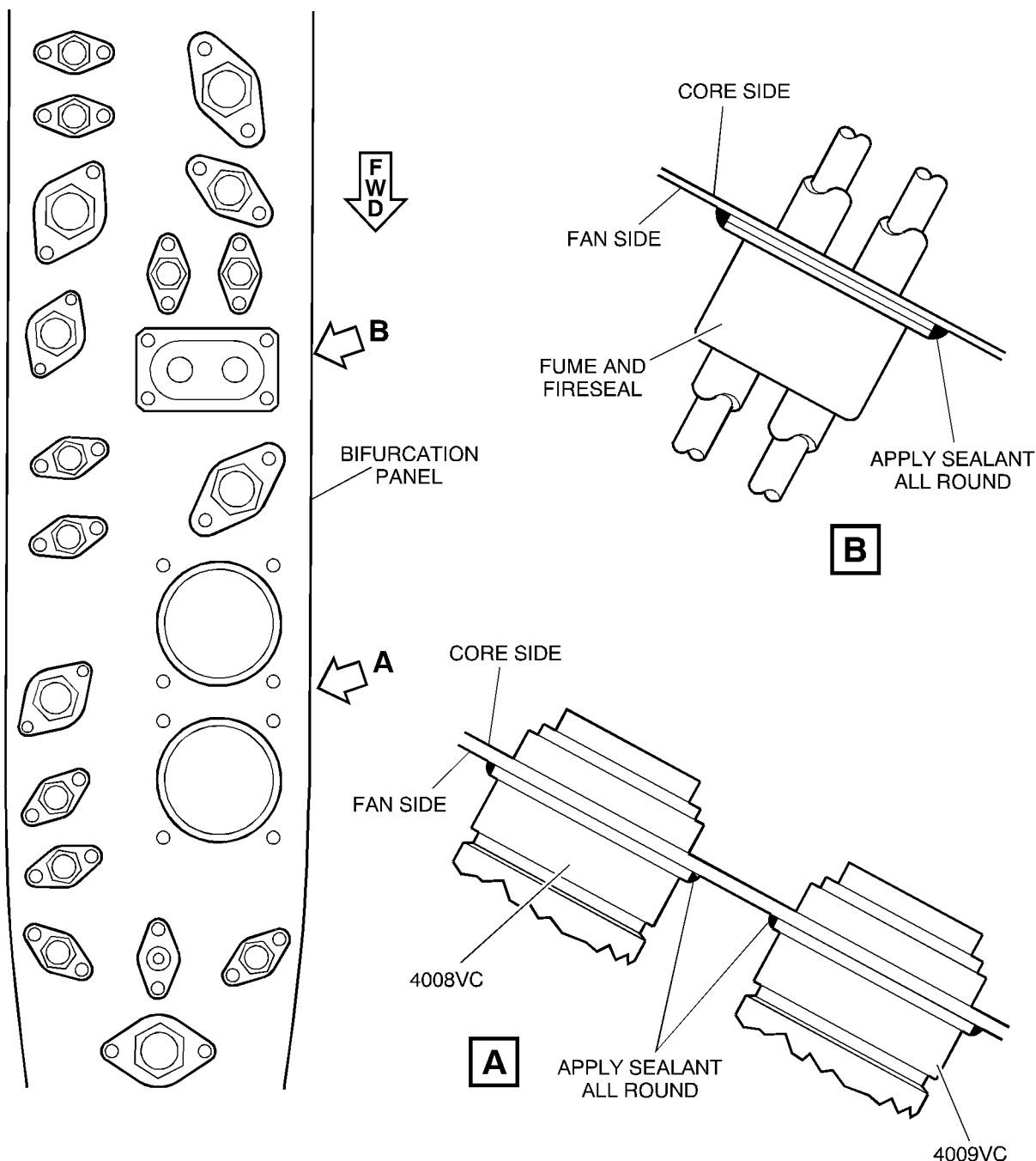


CLIP POINT 1463 ADDED

Fancase clip position 1462 and 1463
Figure 64 sheet 43

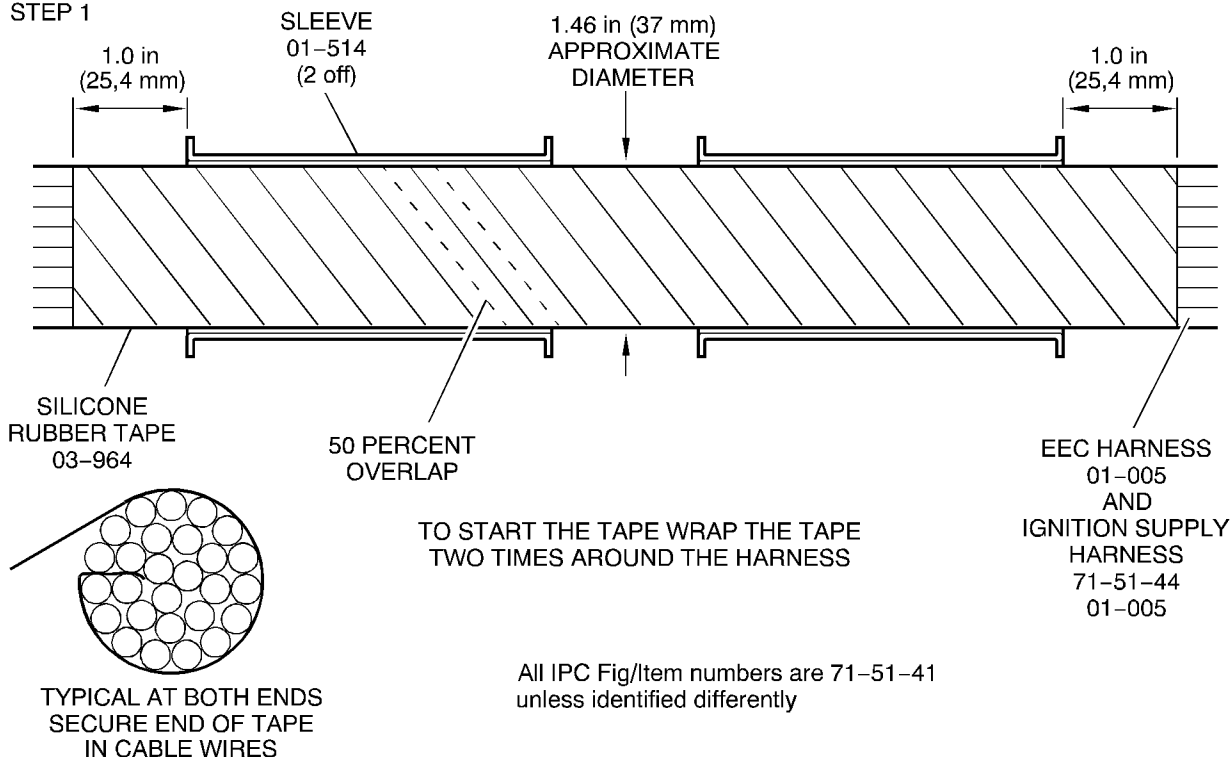


SBE 72-0193: Core to fancase interface sealing of the bifurcation panel
Figure 65 sheet 1

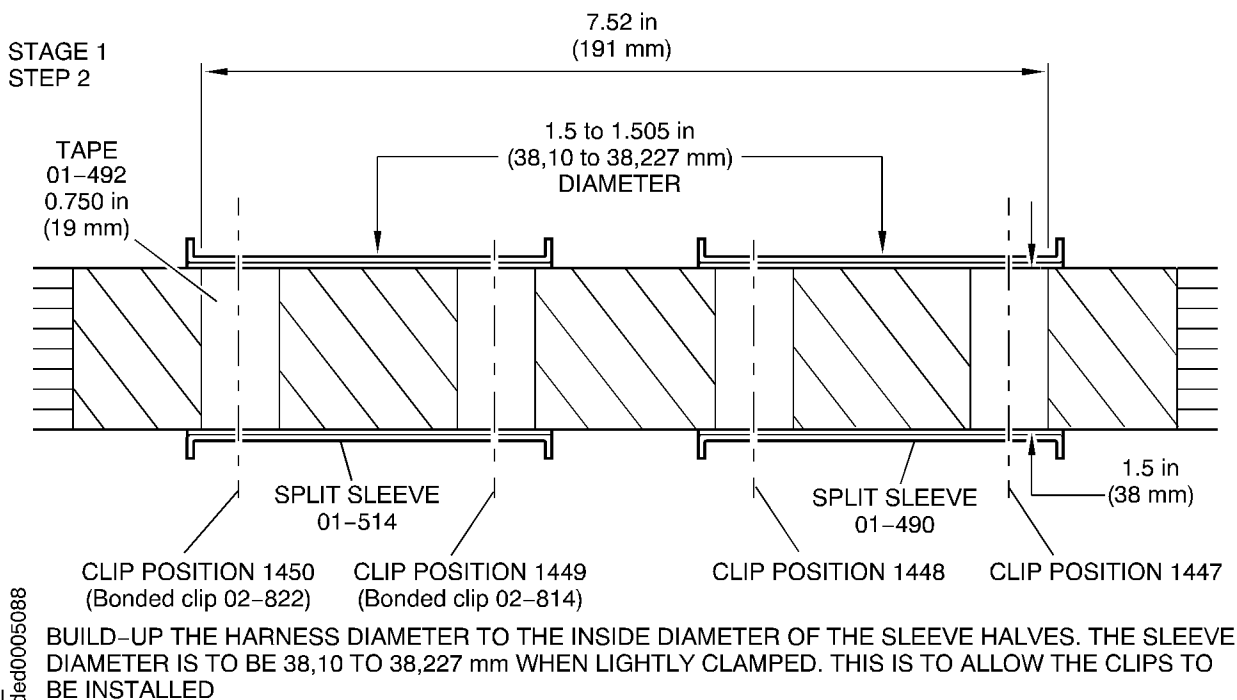


SBE 72-0193: Core to fancase interface sealing of the bifurcation panel
Figure 65 sheet 2

STAGE 1
STEP 1



STAGE 1
STEP 2

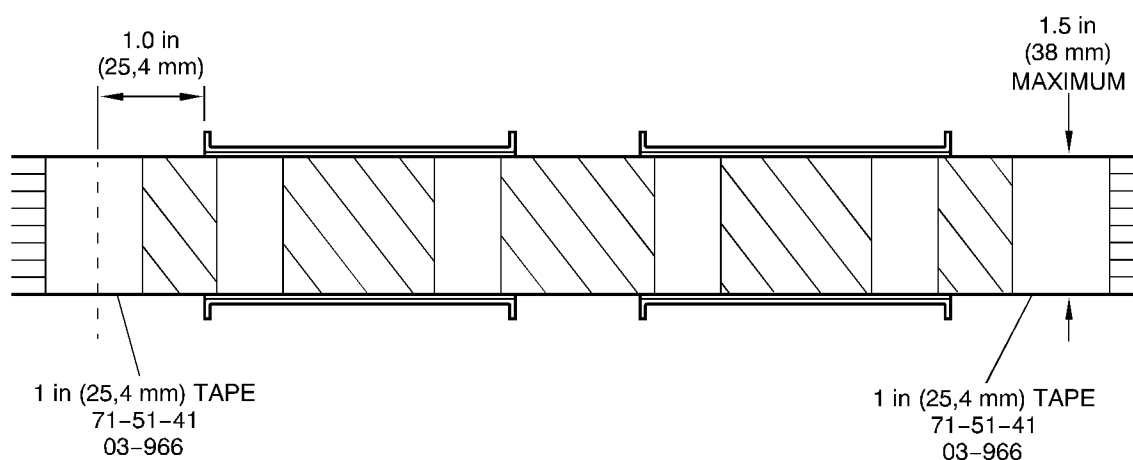


Fancase - Install the split sleeves at the clip positions 1447 to 1450
Figure 66 sheet 1



All IPC Fig/Item numbers are 71-51-41
unless identified differently

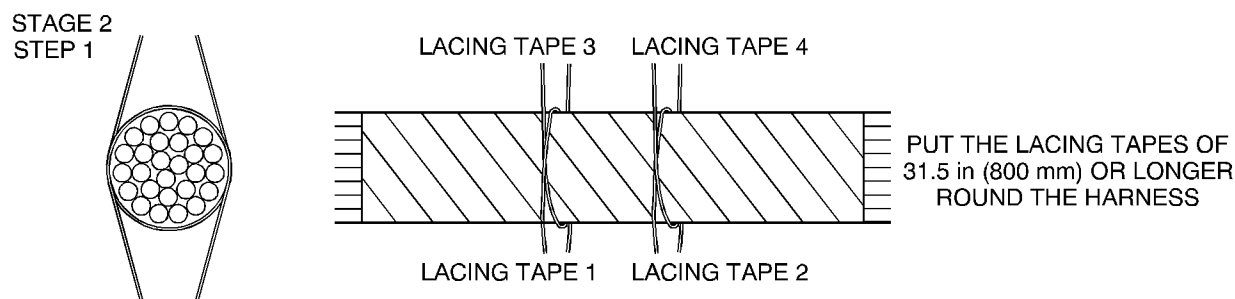
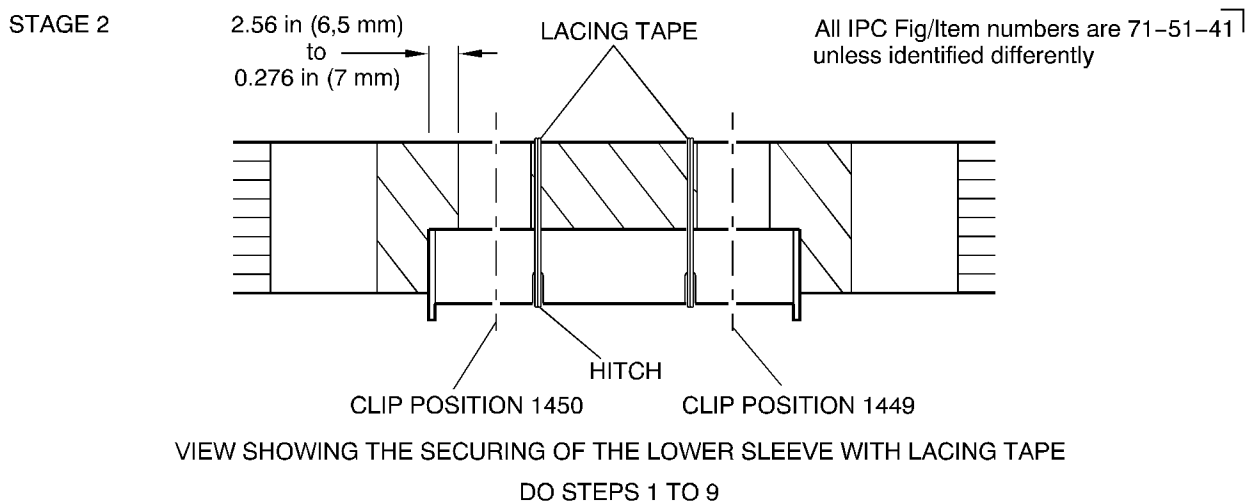
STAGE 1
STEP 3



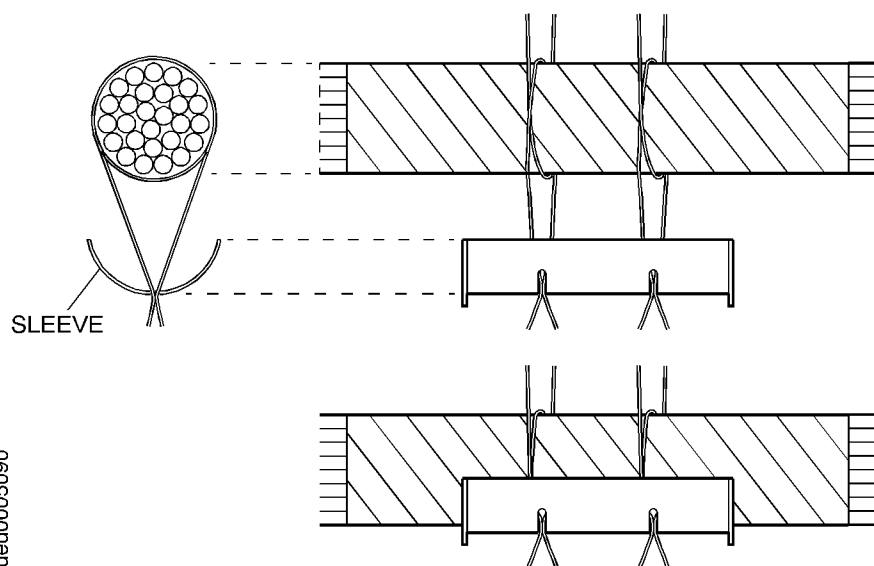
WRAP THE TAPE TWICE AROUND THE SILICONE RUBBER TAPE TO HOLD IT SECURELY AT BOTH ENDS

ded0005089

Fancase - Install the split sleeves at the clip positions 1447 to 1450
Figure 66 sheet 2



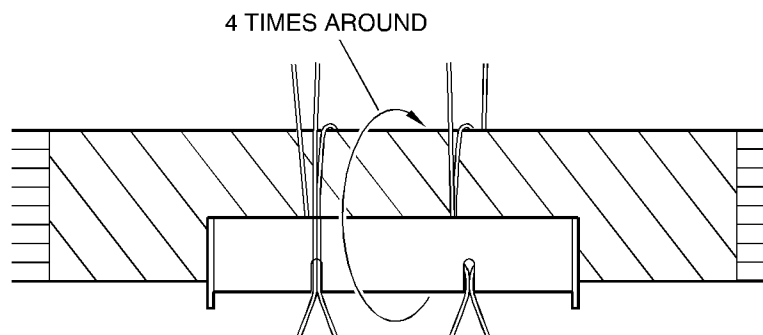
TAKE ONE OF THE SPLIT SLEEVES AND PUSH THE LACING TAPE 1 AND TAPE 2 THROUGH THE SPLIT OF THE SPLIT SLEEVE



Fancase - Install the split sleeves at the clip positions 1447 to 1450
Figure 66 sheet 3

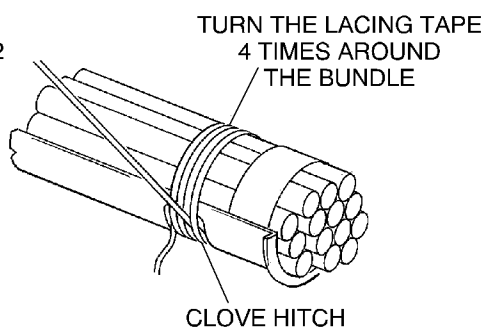
STAGE 2
STEP 2

TAKE ONE END OF THE LACING TAPE AND TURN IT AROUND THE BUNDLE OF CABLES FOUR TIMES AROUND. BE SURE IT IS FIRM AND TIGHT. BE CAREFUL THAT THE LACING TAPE DOES NOT GO OUTSIDE OF THE SLIT.



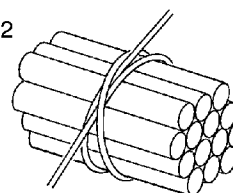
All IPC Fig/Item numbers are 71-51-41 unless identified differently

STAGE 2
STEP 3



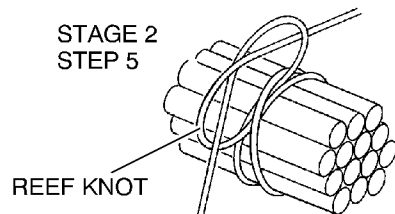
PULL BOTH ENDS OF LACING TIGHT AND MAKE A REEF KNOT

STAGE 2
STEP 4

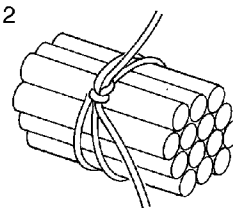


MAKE A FURTHER HITCH AS GIVEN IN STEPS 6-8

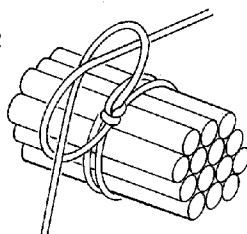
STAGE 2
STEP 5



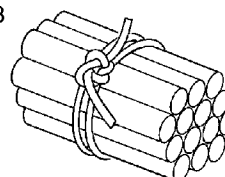
STAGE 2
STEP 6



STAGE 2
STEP 7



STAGE 2
STEP 8

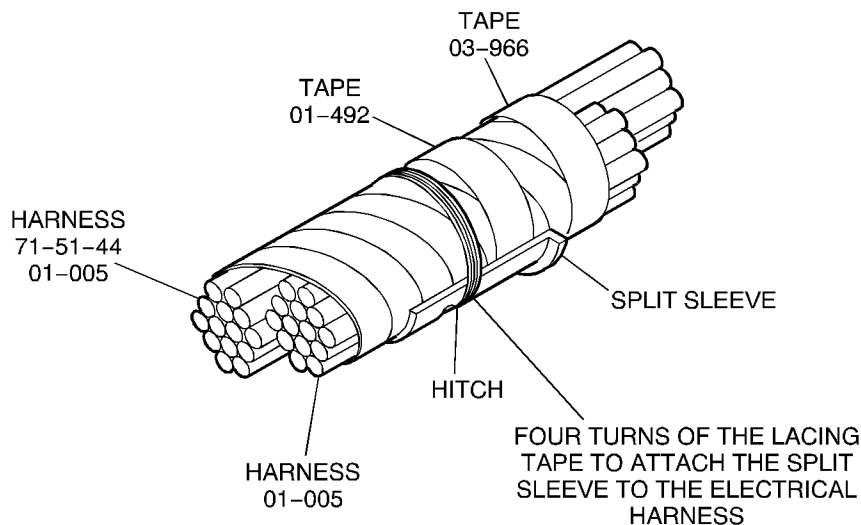


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Fancase - Install the split sleeves at the clip positions 1447 to 1450
Figure 66 sheet 4

STAGE 2
STEP 9

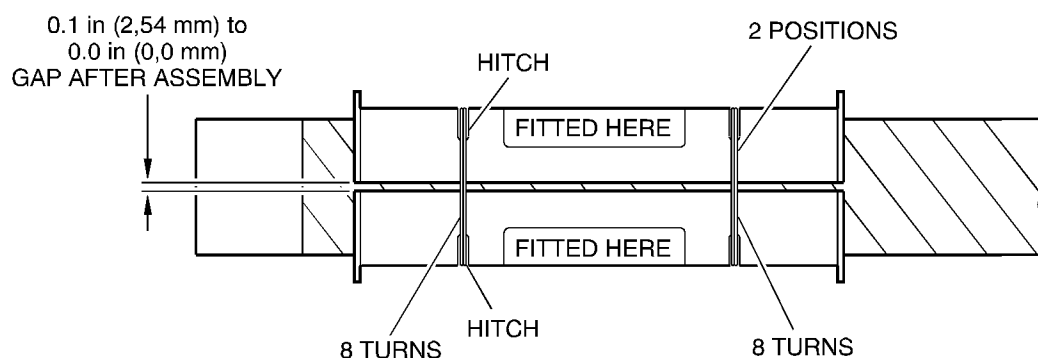
DO THE SAME OPERATION AS STEPS 2 TO 8 FOR LACING TAPE 2



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unless identified differently

STAGE 3

DO THE SAME OPERATION AS STAGE 2 STEPS 1 THRU TO 9. MAKE A HITCH ON LACING TAPE 3 AND 4

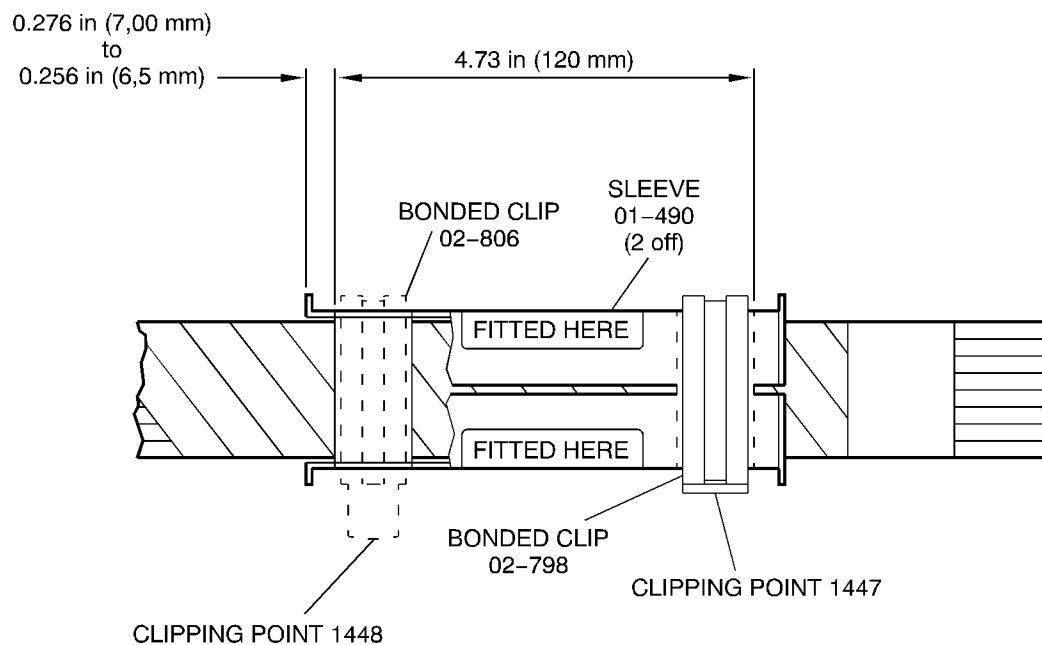


SECURE THE UPPER SLEEVE LACING TAPE. MAKE SURE THAT ONE IDENTIFICATION MARKING ON THE SLEEVE CAN BE READ WHEN INSTALLED

Fancase - Install the split sleeves at the clip positions 1447 to 1450
Figure 66 sheet 5



STAGE 3



THE SPLIT SLEEVES MUST BE ASSEMBLED ON CLIPPING POINTS 1448 AND 1447
AS DETAILED IN STAGES 1, 2 AND 3

All IPC Fig/Item numbers are 71-51-41
unless identified differently

ded0005093

Fancase - Install the split sleeves at the clip positions 1447 to 1450
Figure 66 sheet 6

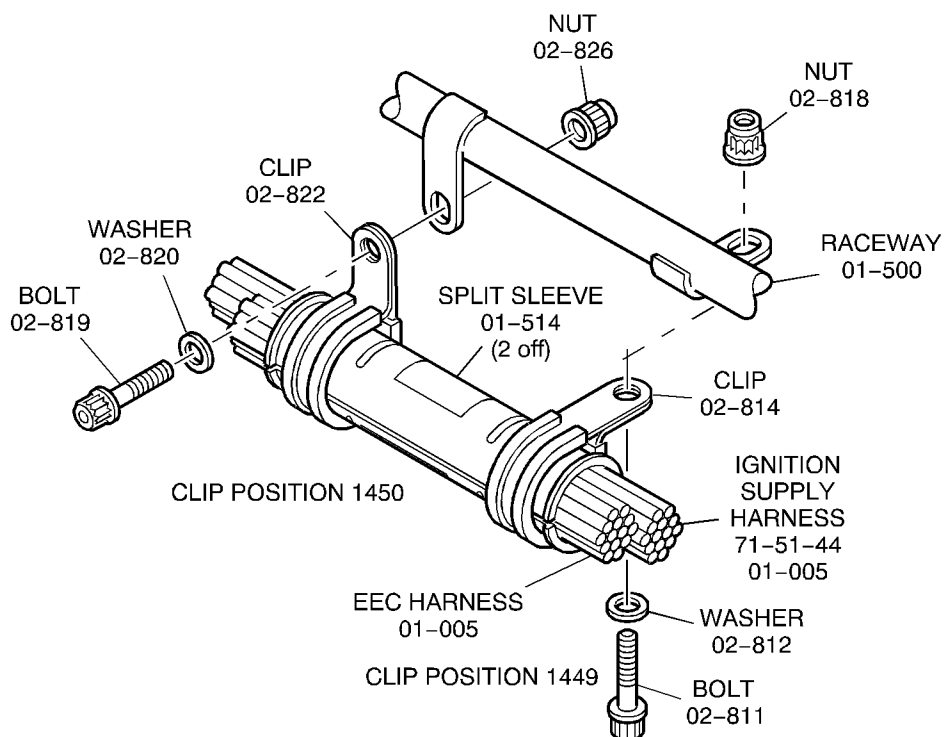
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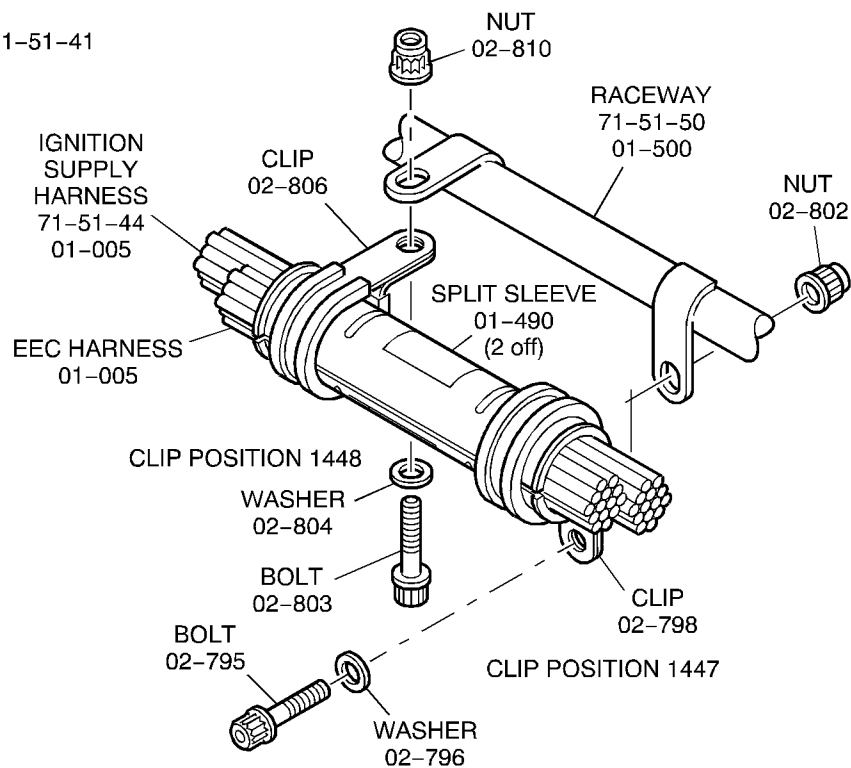
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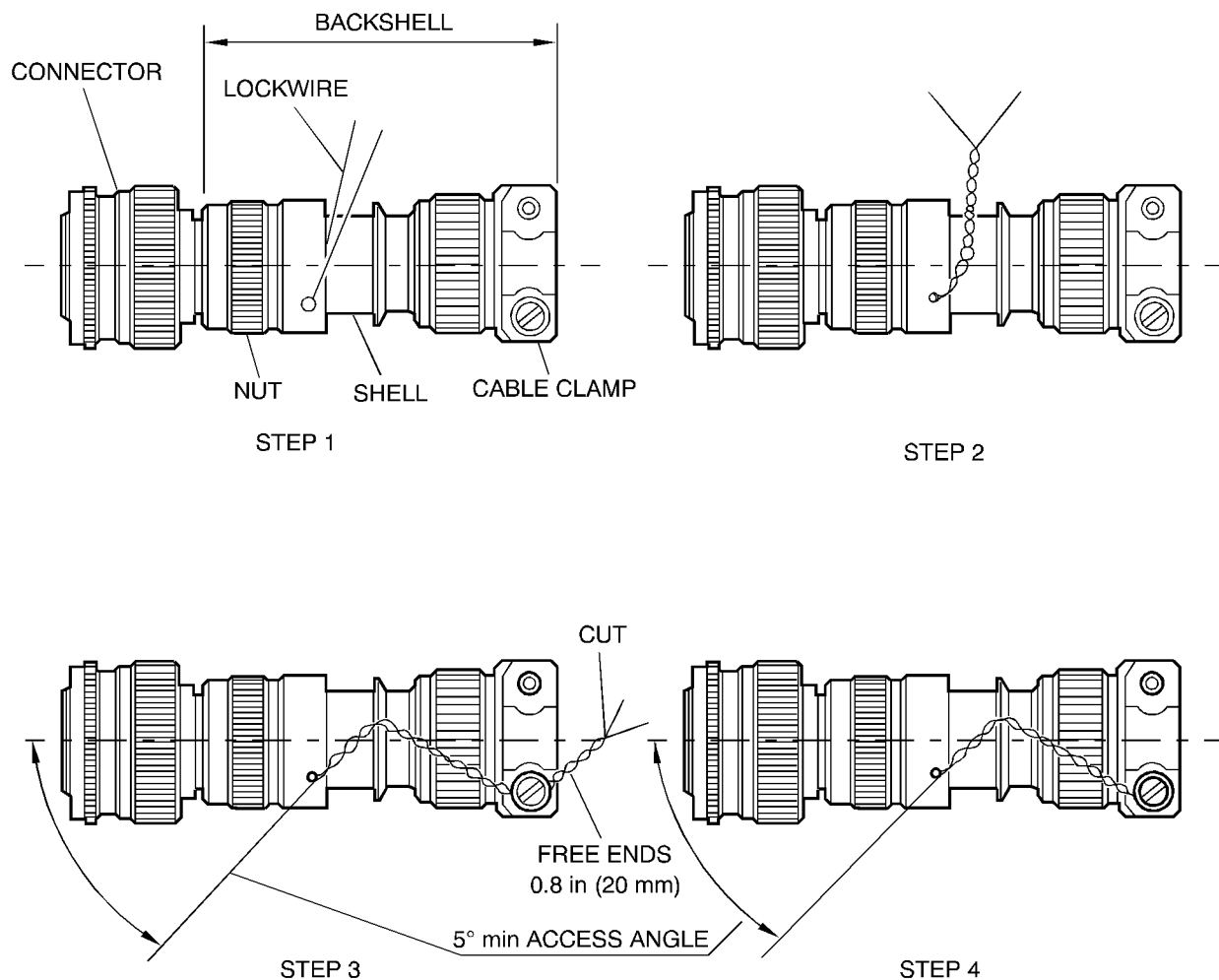
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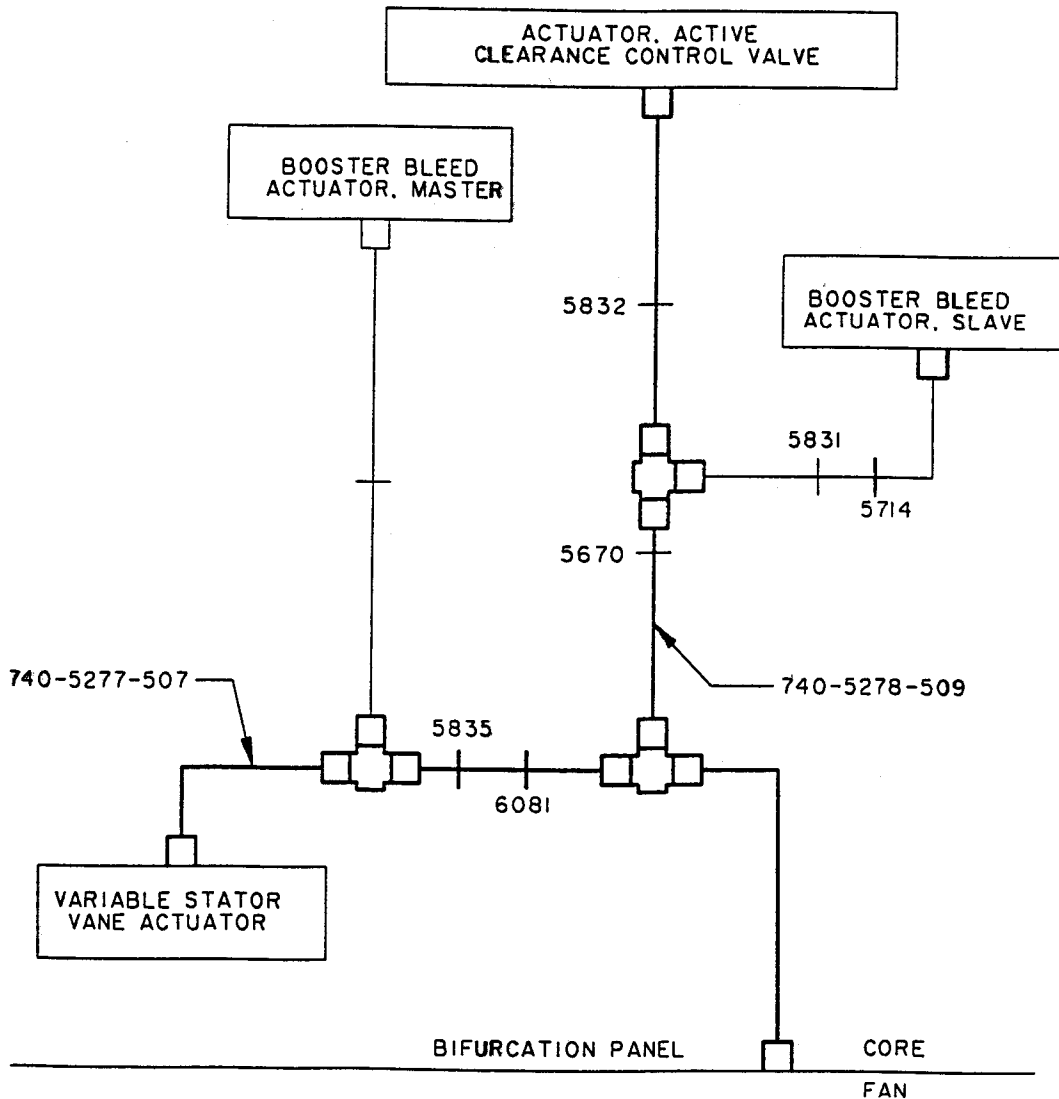
All IPC Fig/Item numbers are 71-51-41 unless identified differently



Fan case - Install the split sleeves at the clip positions 1447 to 1450
Figure 66 sheet 7



Visually inspect the back shells and cable clamps
Figure 67



NOTE :- CLIP POINT 5835
IS DELETED

CLIP POINTS
5714, 6081 ARE MODIFIED

PART SCHEMATIC VIEW OF FUEL DRAINS SYSTEM
BEFORE ALTERATION

Fuel drains system tubes - before alteration
Figure 68 sheet 1

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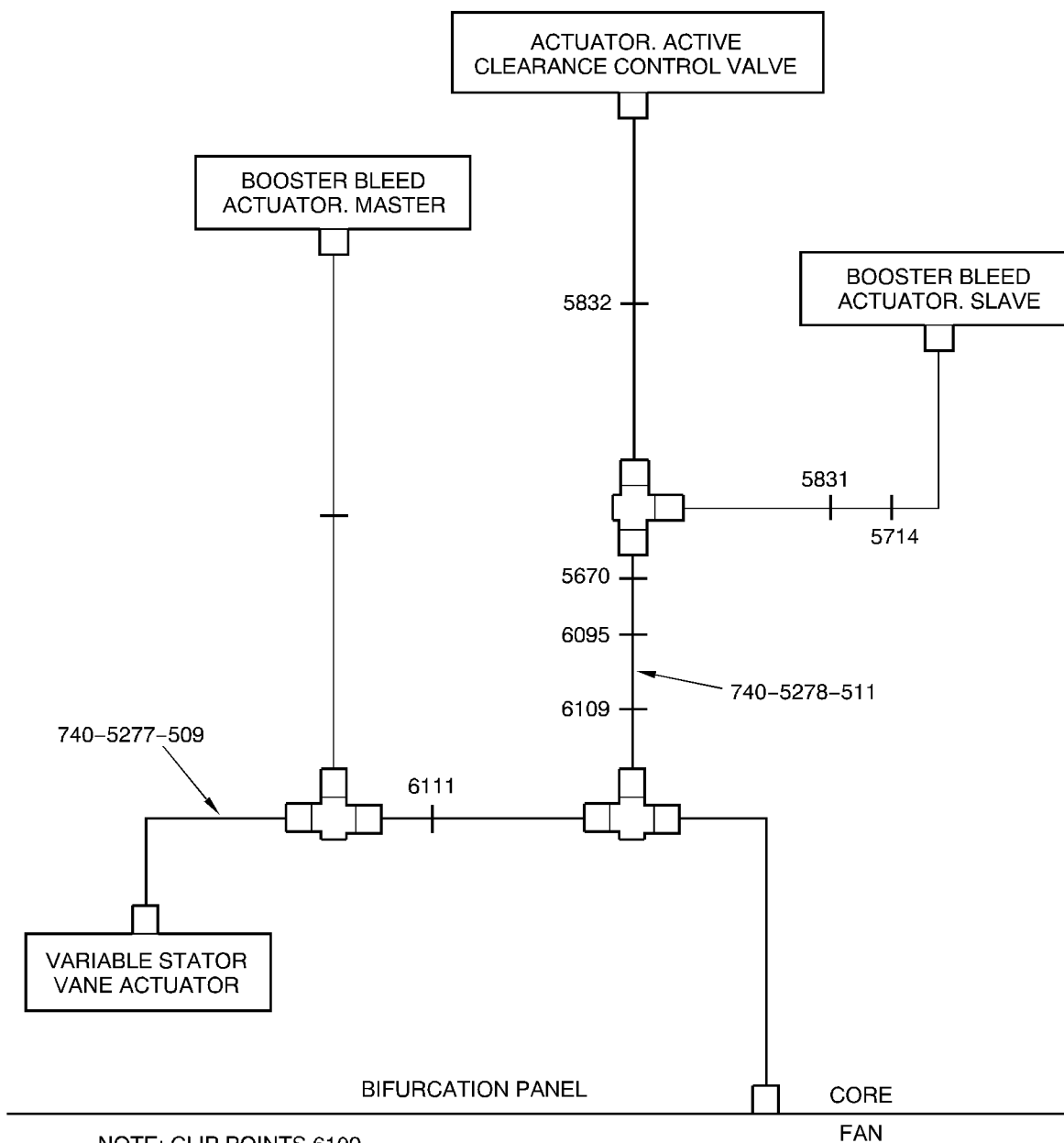
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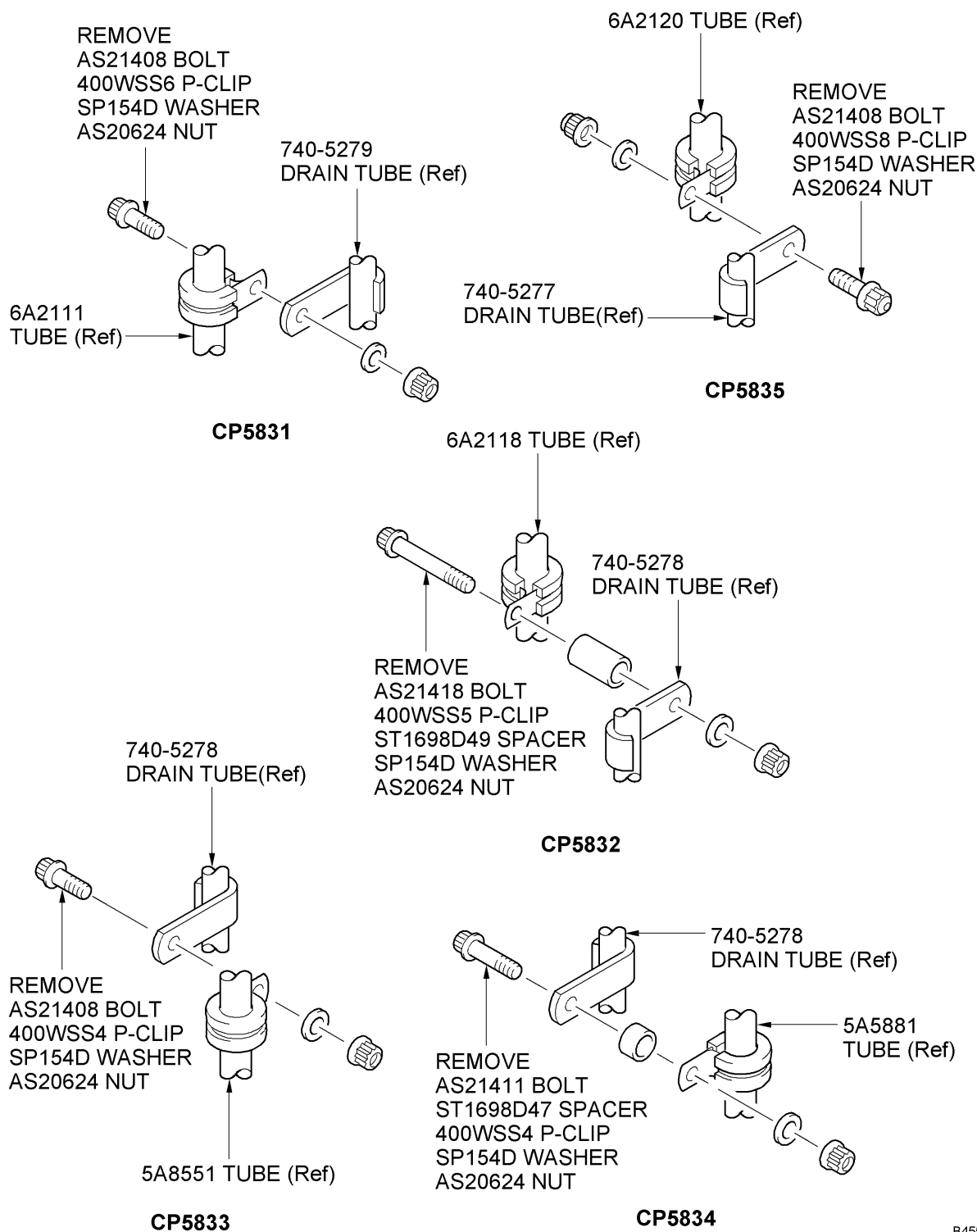


NOTE: CLIP POINTS 6109
6111 ARE NEW

CLIP POINTS 5831, 5832
5670, 5714, 6095 ARE
MODIFIED

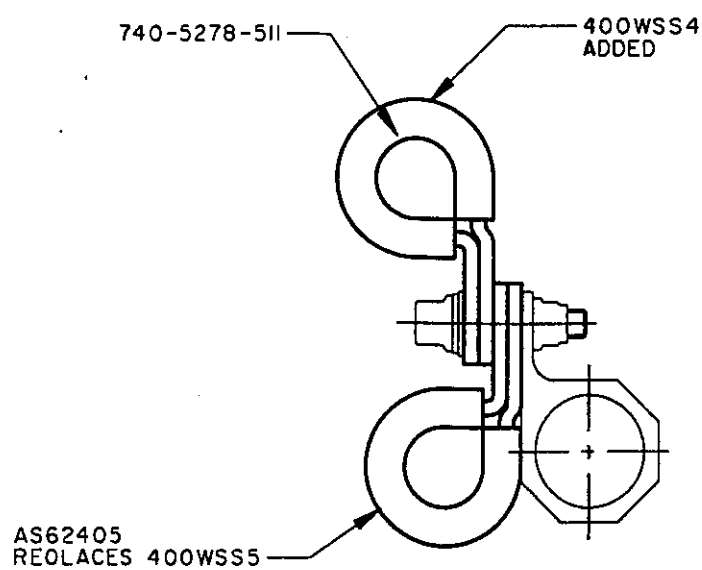
PART SCHEMATIC VIEW OF FUEL DRAINS SYSTEM
AFTER ALTERATION

Fuel drains system tubes - after alteration
Figure 68 sheet 2



B4552

Clip positions 5831 and 5832
Figure 68 sheet 3



CLIP POINT 5670 AMENDED

dem0001687

Clip position 5670 - after alteration
Figure 68 sheet 4

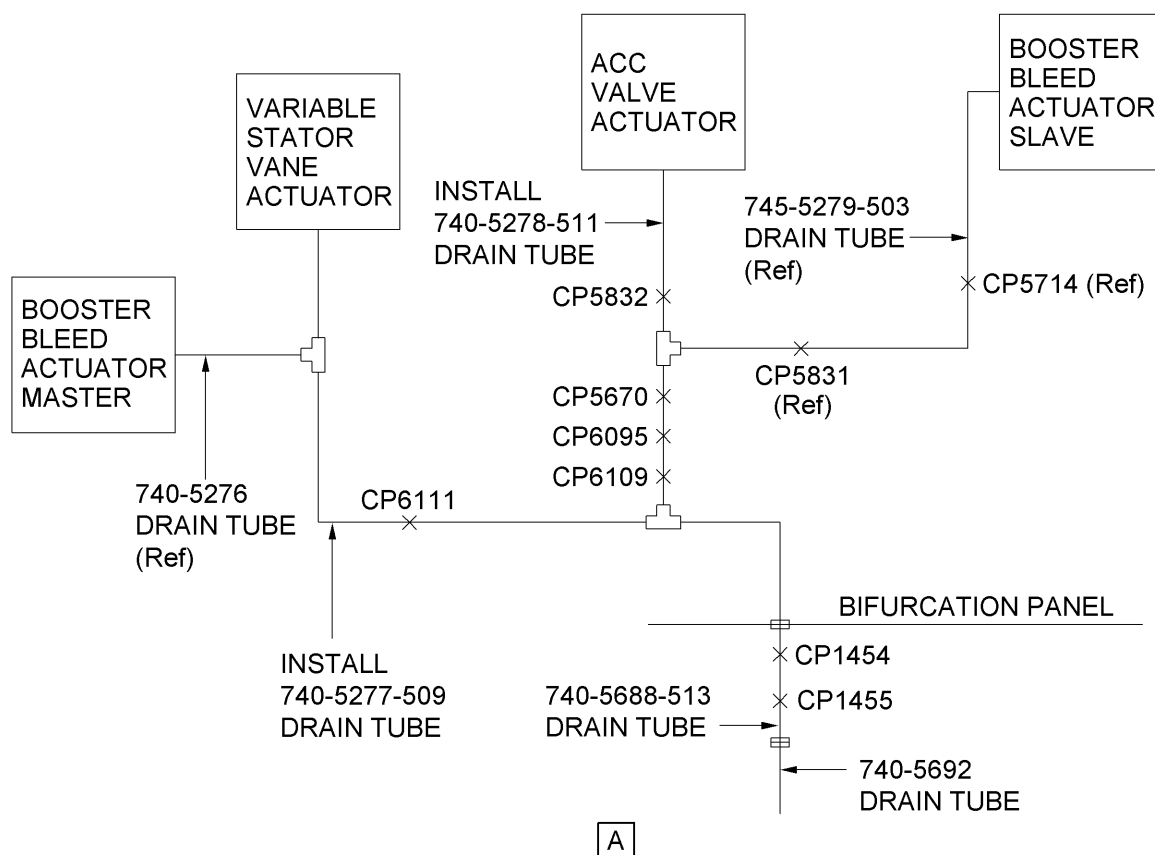
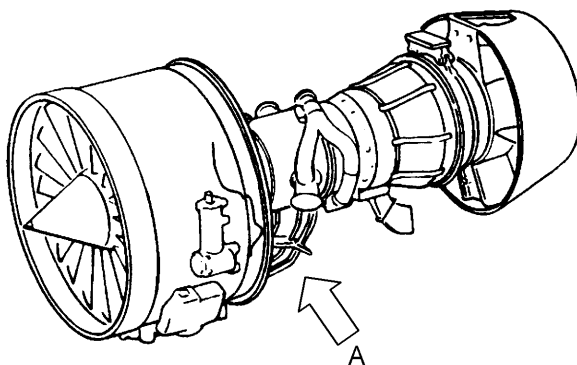
Nov.12/03
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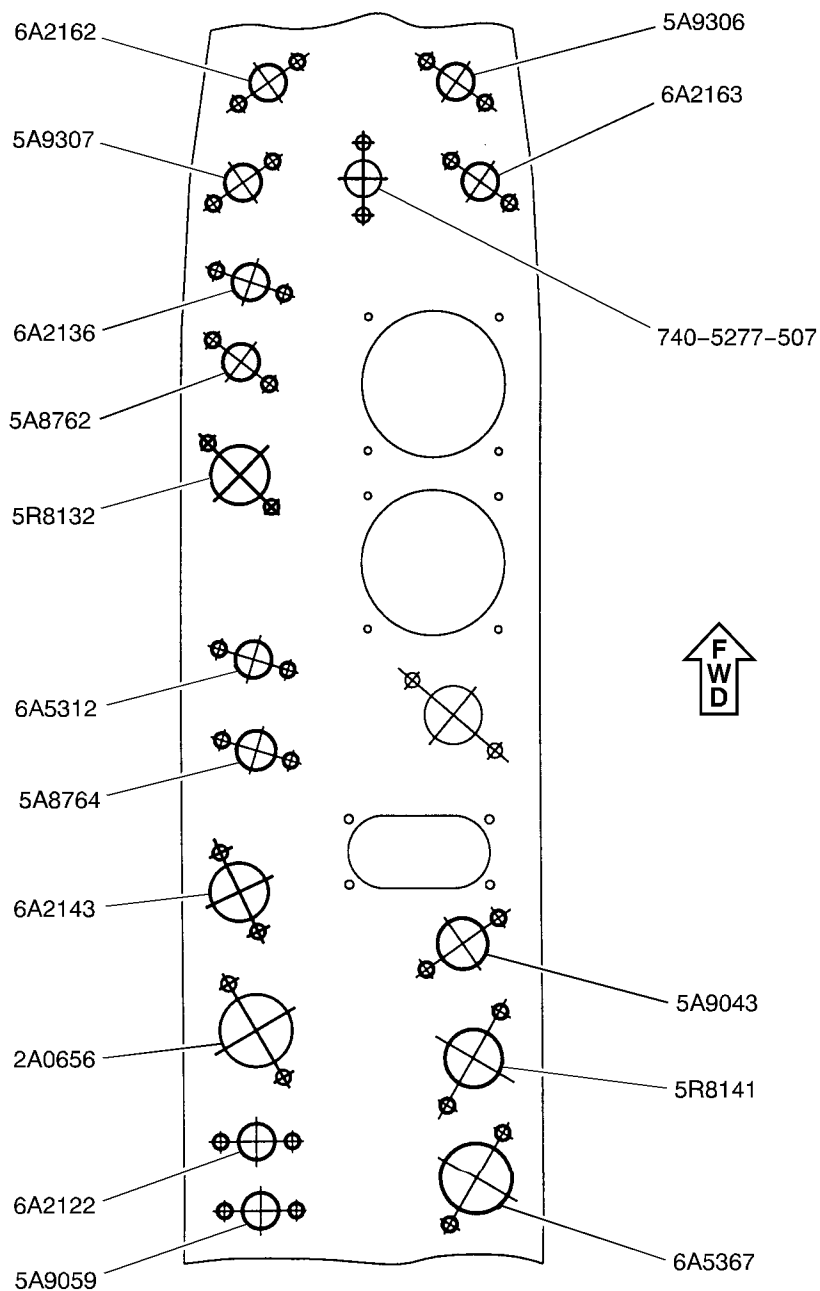
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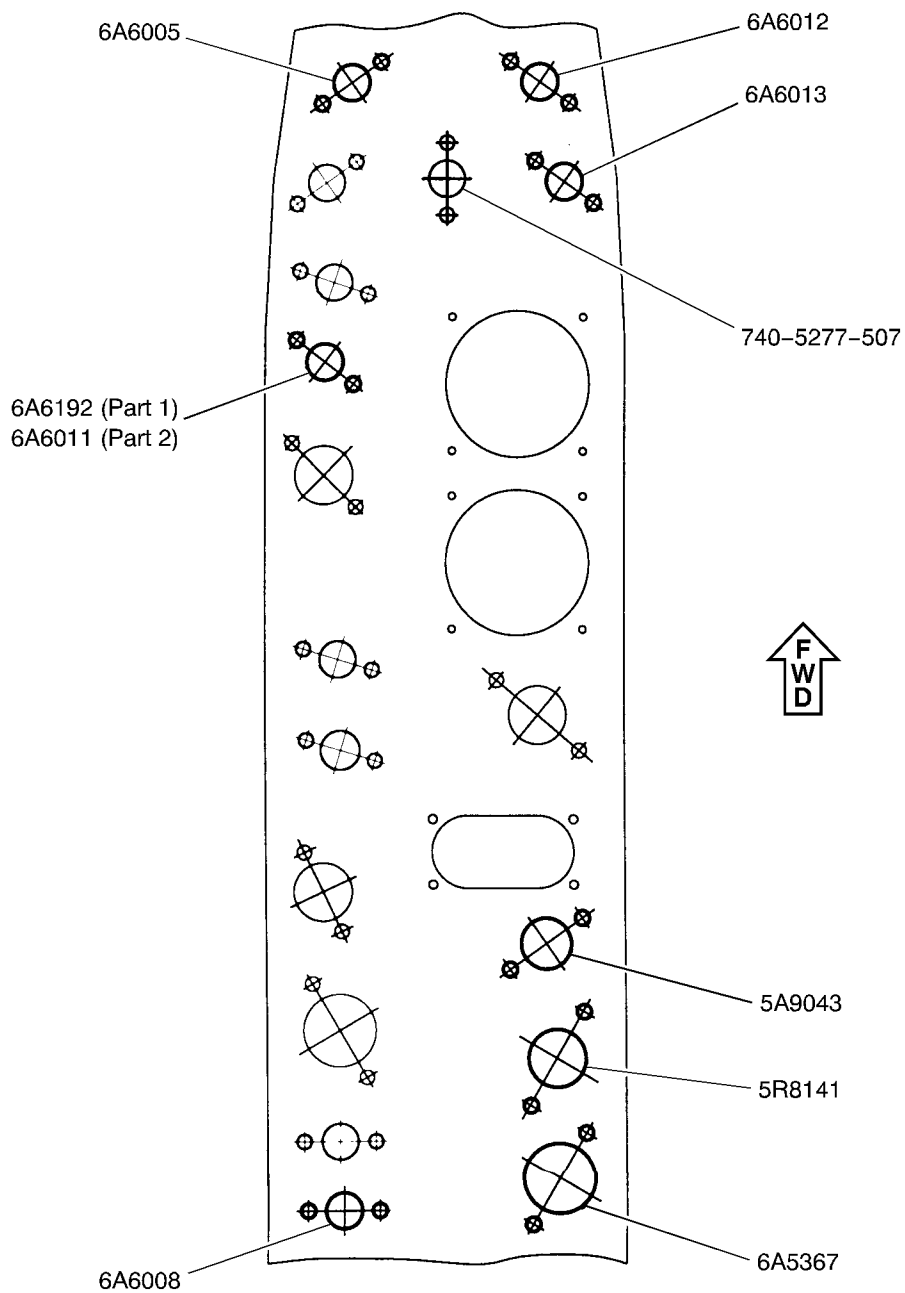
B4568

Fuel drains system tubes - after alteration
Figure 68 sheet 5



VIEW ON BIFURCATION PANEL SHOWING REPLACED CORE
PIPES AND THEIR INTERFACE POSITIONS
BEFORE ALTERATION

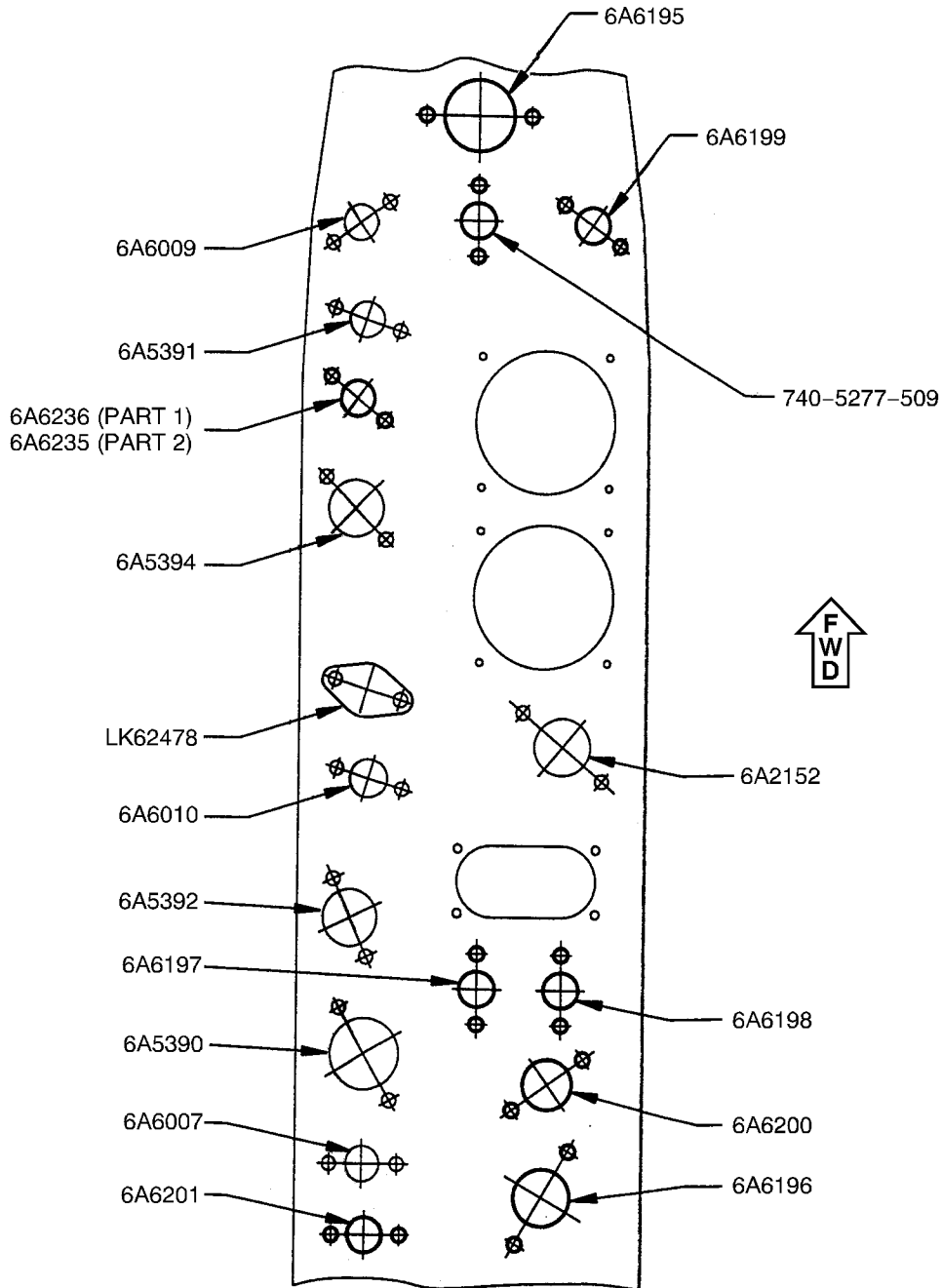
Pre SBE 75-0081: Bifurcation panel - core tubes before alteration
Figure 69 sheet 1



VIEW ON BIFURCATION PANEL SHOWING REPLACED CORE
PIPES AND THEIR INTERFACE POSITIONS
BEFORE ALTERATION

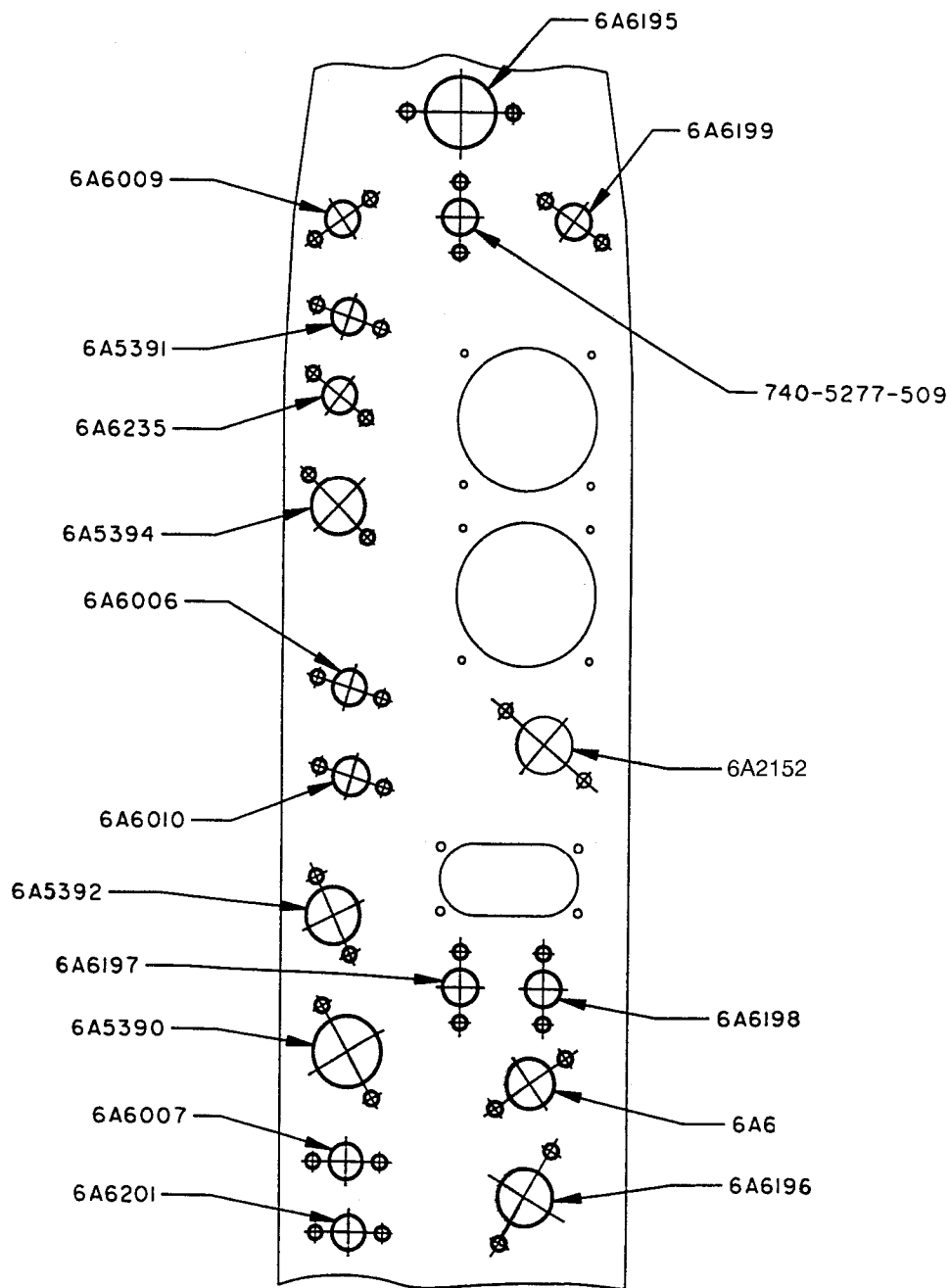
SBE 75-0081: Bifurcation panel - core tubes before alteration
Figure 69 sheet 2

dem0001424a

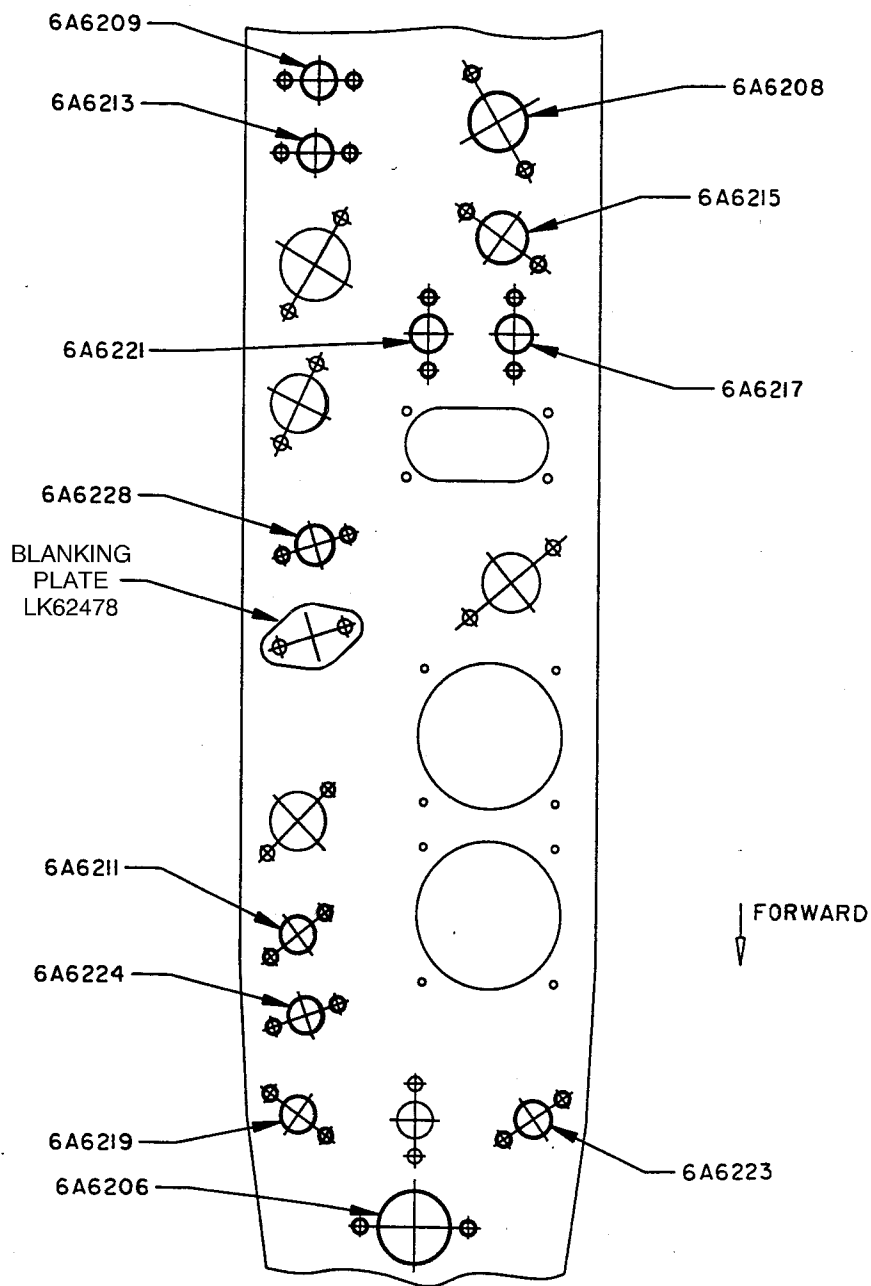


dem0001425b

SBE 75-0081: Bifurcation panel - core tubes after alteration
Figure 70 sheet 1

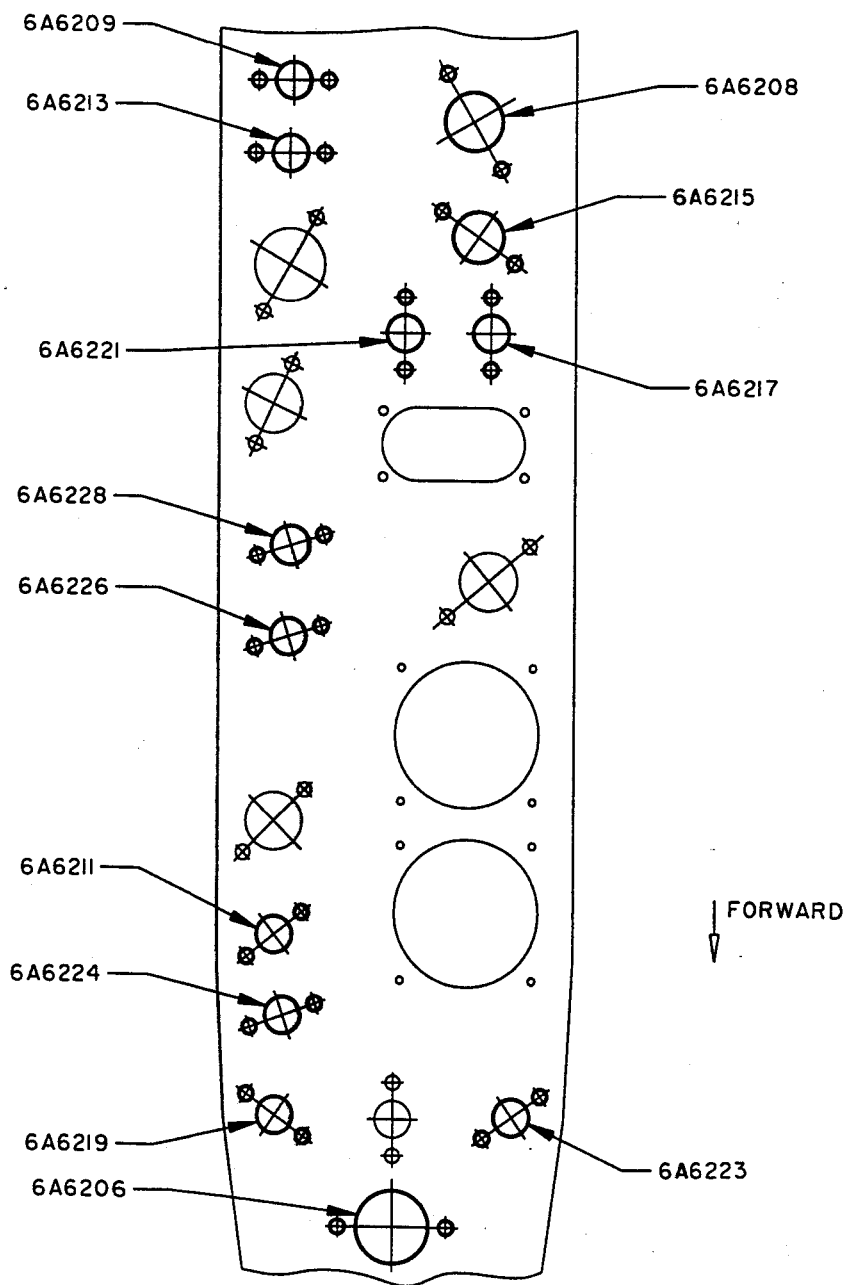


Pre SBE 75-0081: Bifurcation panel - core tubes after alteration
Figure 70 sheet 2



VIEW ON BIFURCATION PANEL SHOWING NEW FANCASE
PIPES AND THEIR INTERFACE POSITIONS
AFTER ALTERATION

SBE 75-0081: Bifurcation panel - fancase tubes after alteration
Figure 71 sheet 1

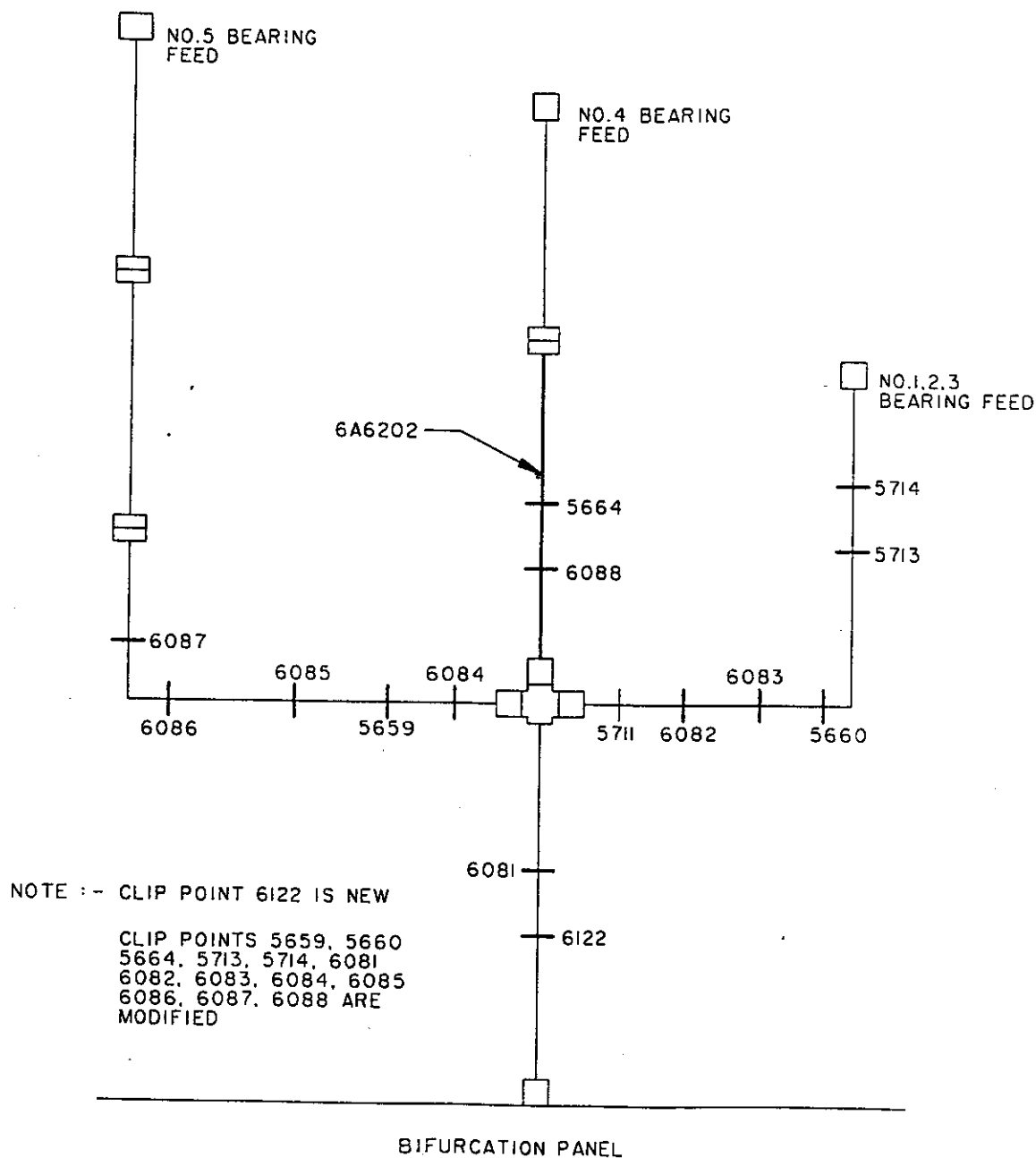


VIEW ON BIFURCATION PANEL SHOWING NEW FANCASE
PIPES AND THEIR INTERFACE POSITIONS
AFTER ALTERATION

Pre SBE 75-0081: Bifurcation panel - fancase tubes after alteration
Figure 71 sheet 2

dem0001613

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SCHEMATIC VIEW OF CORE OIL FEED TUBES
AFTER ALTERATION

SBE 75-0081: Core oil feed tubes after alteration
Figure 71 sheet 3

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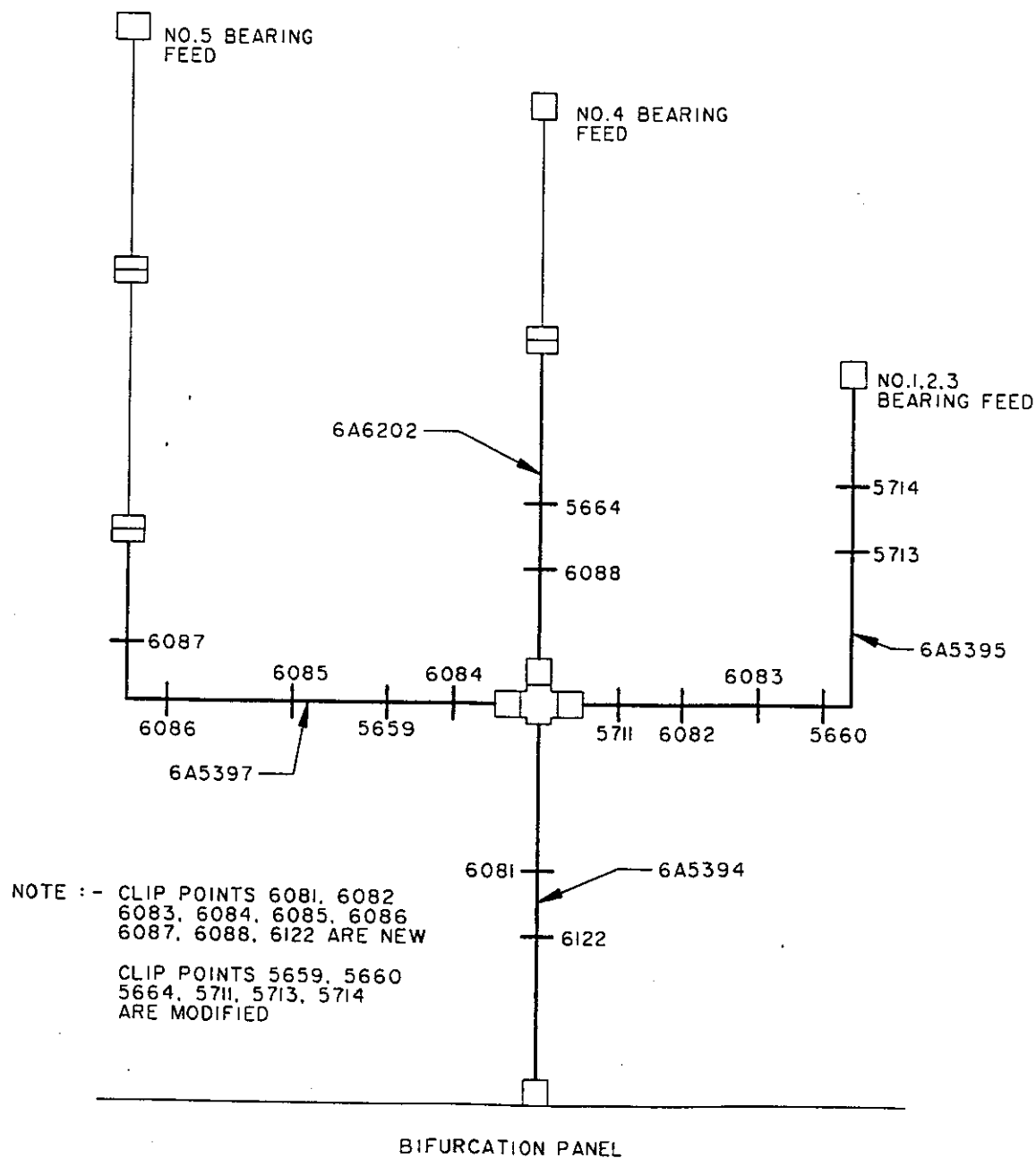
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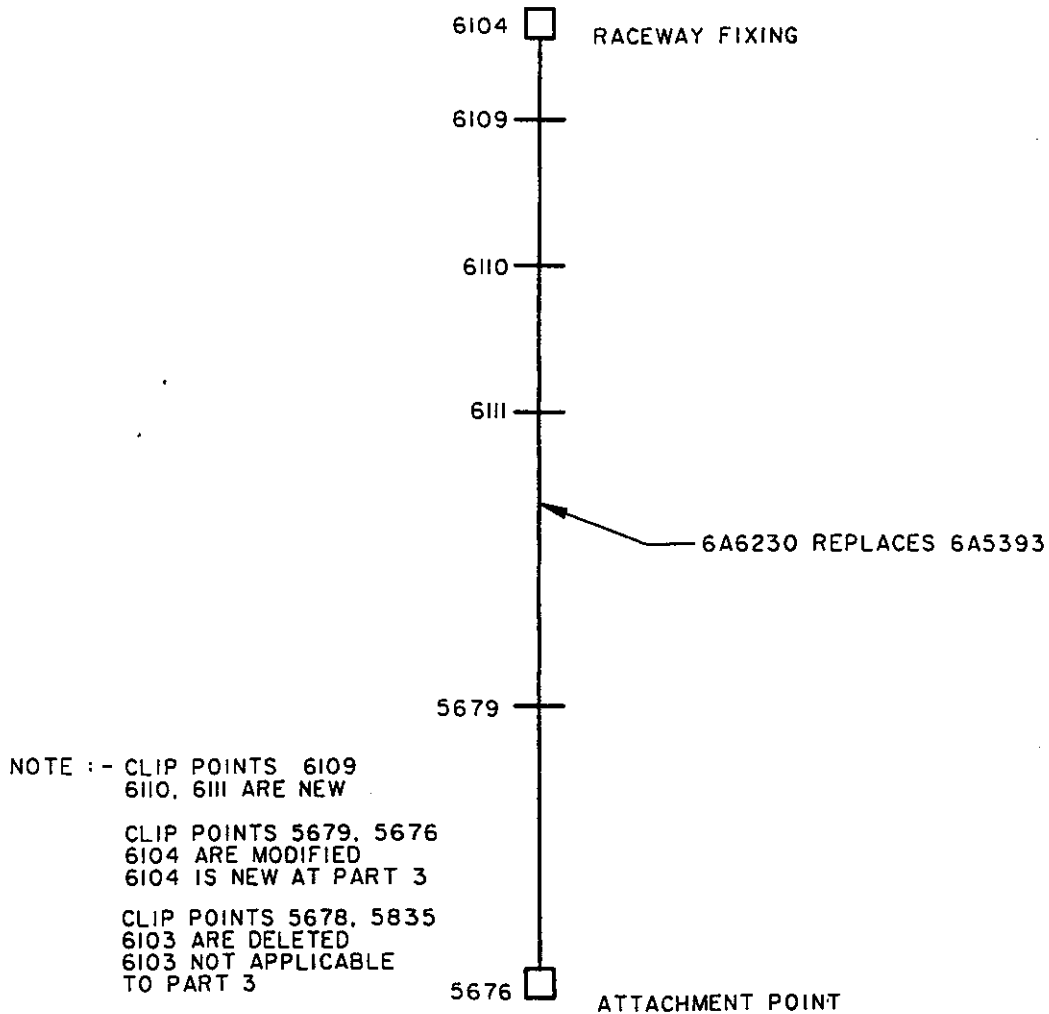
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dem0001488



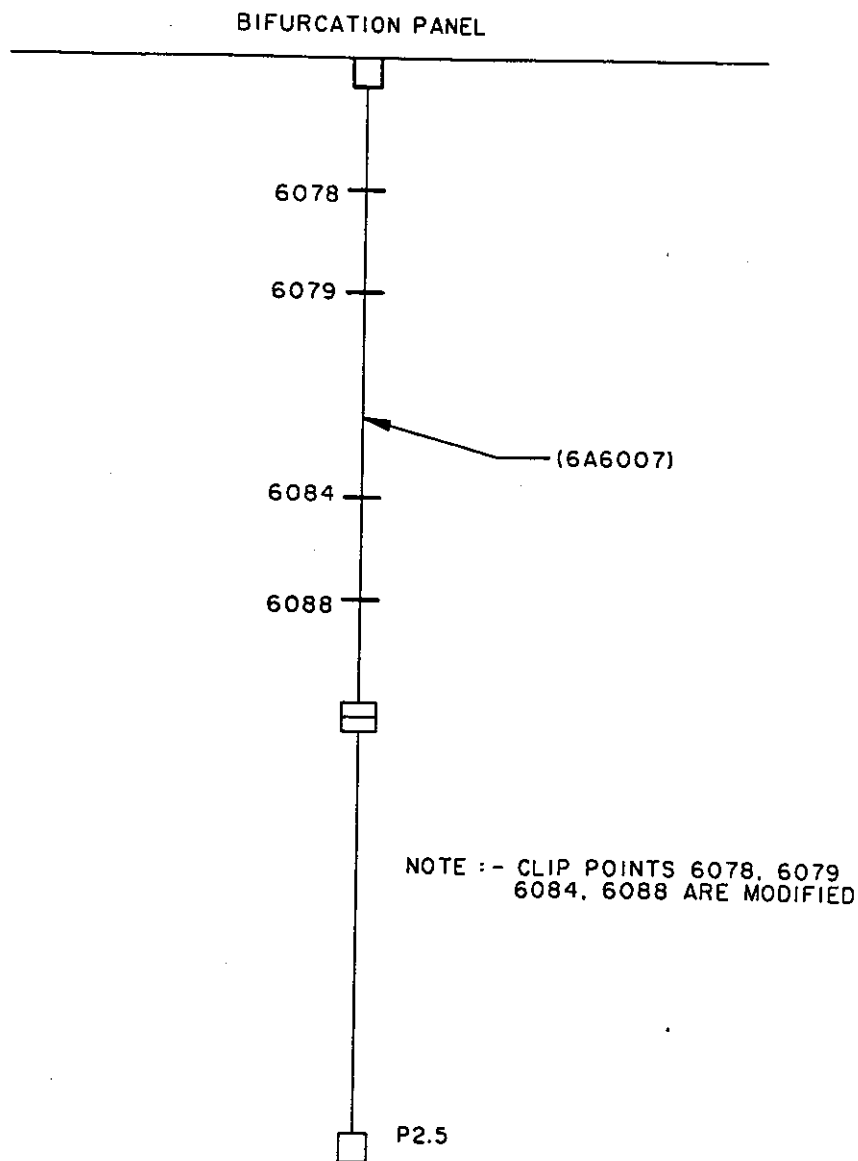
SCHEMATIC VIEW OF CORE OIL FEED TUBES
AFTER ALTERATION

Pre SBE 75-0081: Core oil feed tubes after alteration
Figure 71 sheet 4



SCHEMATIC VIEW OF CORE HARNESS RACEWAY 180°

Core harness raceway before / after alteration
Figure 72



SCHEMATIC VIEW OF FUEL AIR TUBE

Fuel air tube before / after alteration
Figure 73 sheet 1

dem0001484

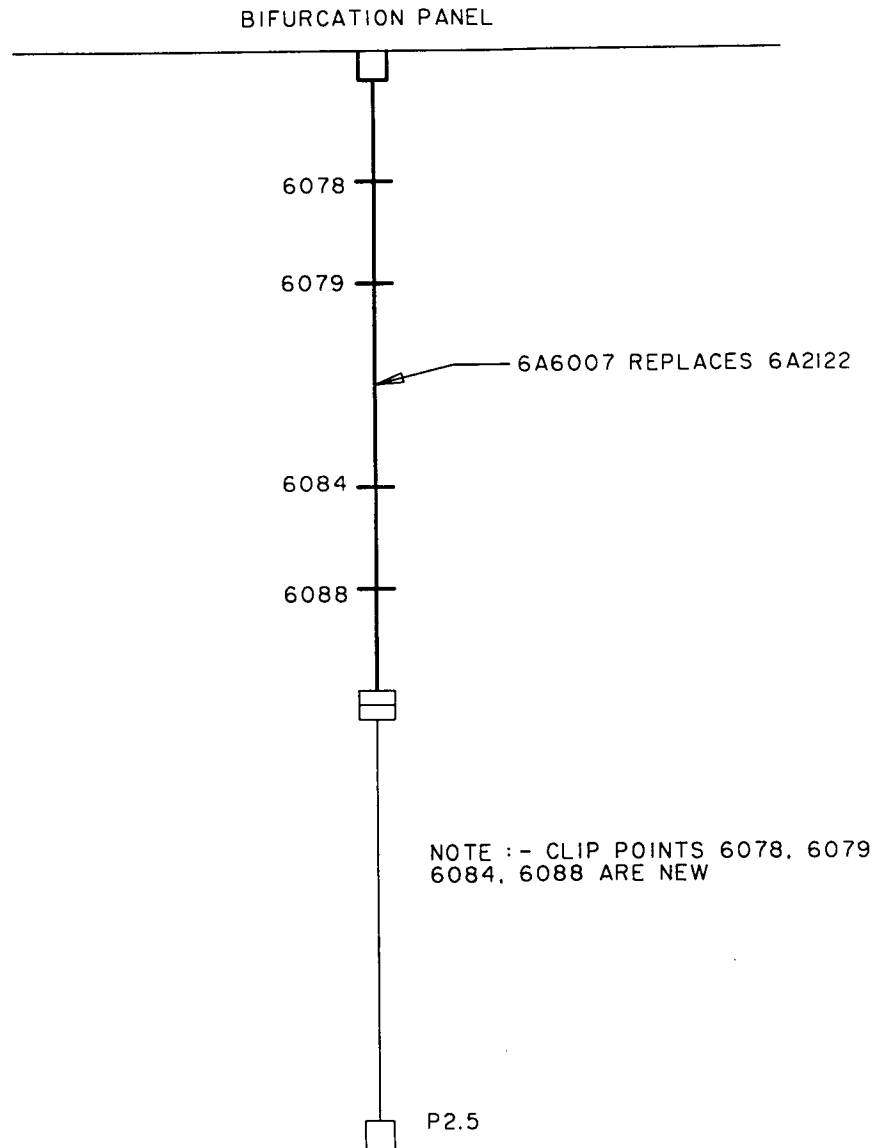
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Fuel air tube before / after alteration
Figure 73 sheet 2

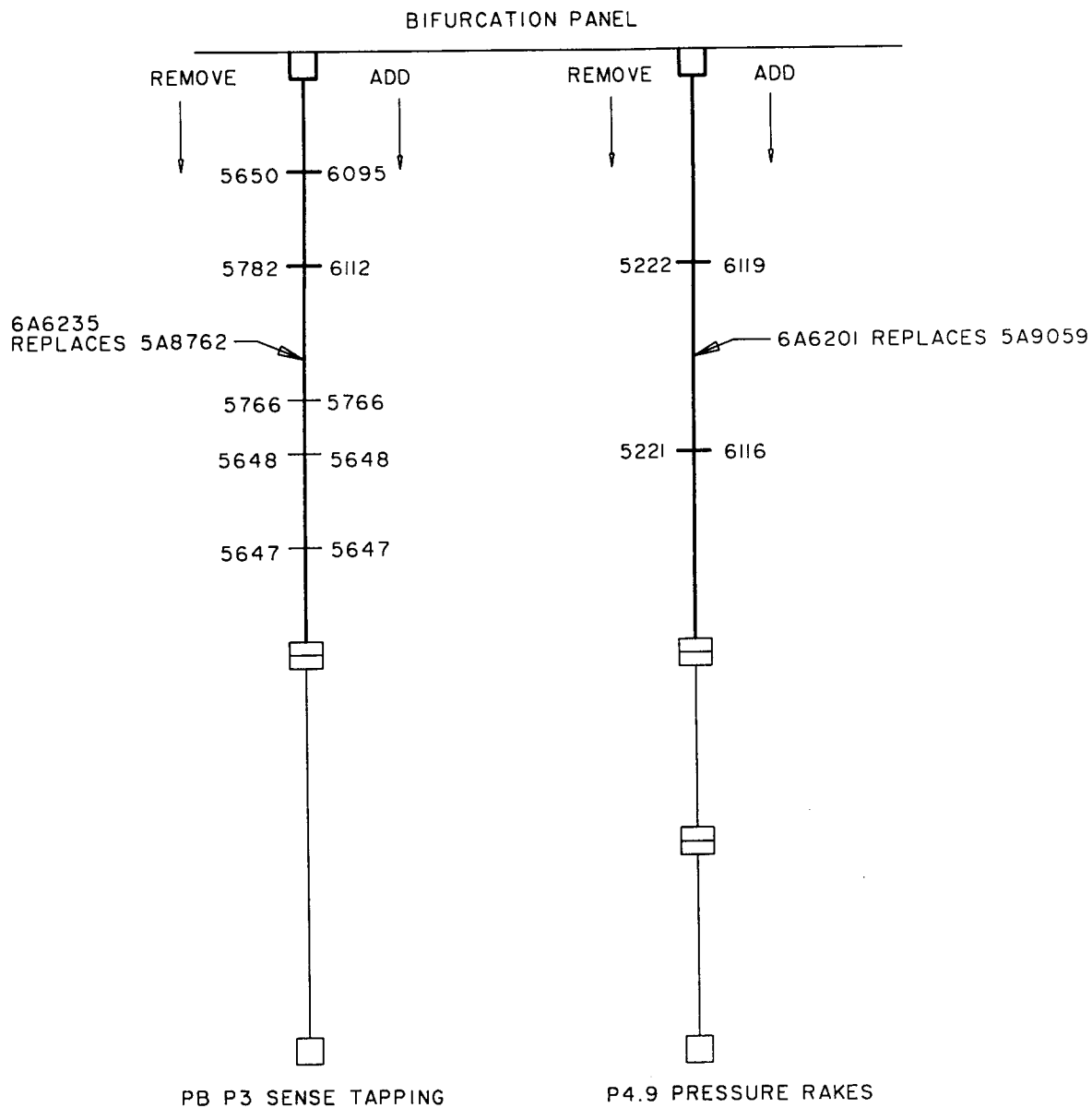
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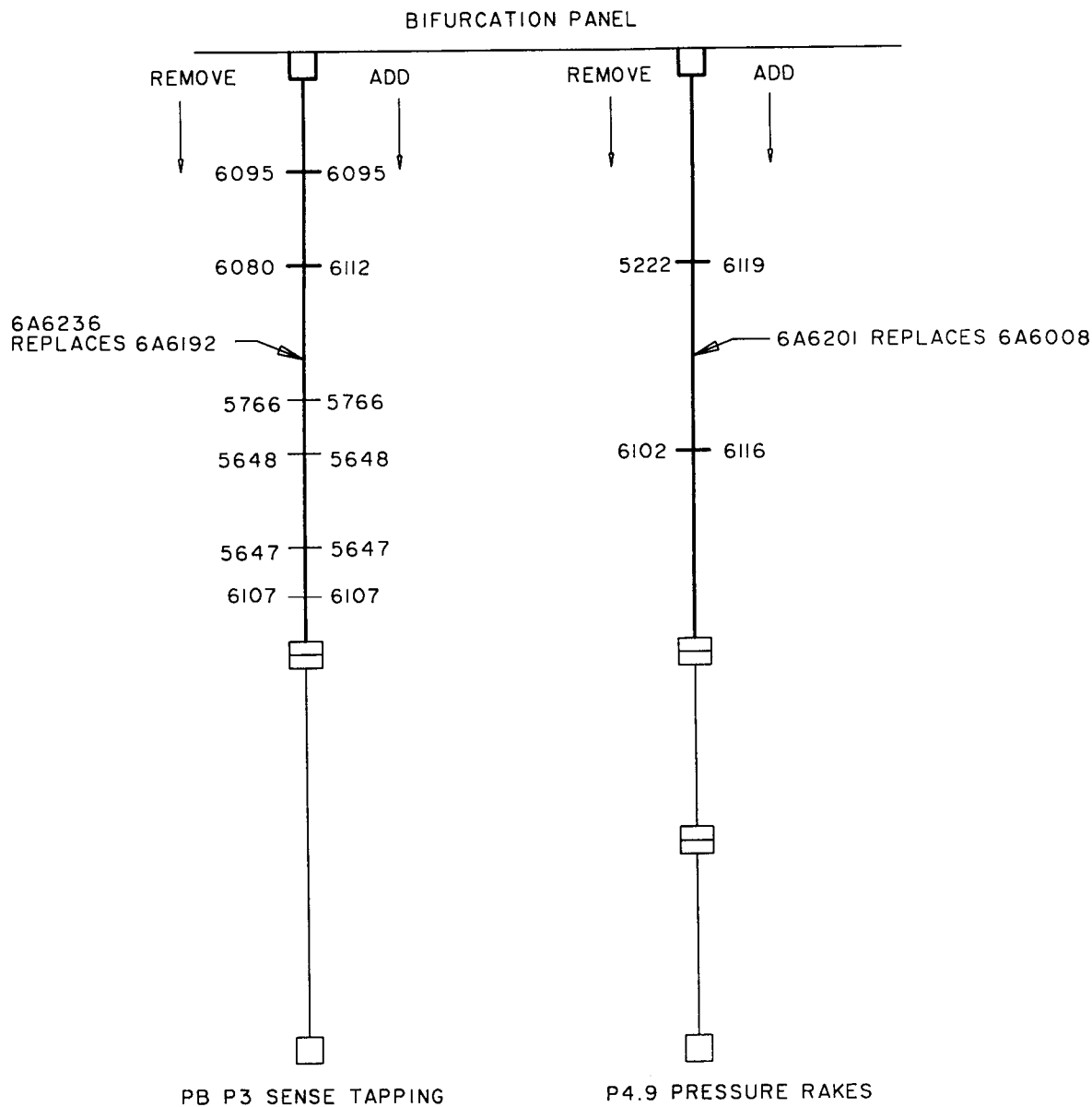
ded0005080



NOTE :- CLIP POINTS 5221, 5222, 5650
5782 ARE DELETED

CLIP POINTS 6095, 6112, 6116, 6119 ARE NEW

Pre SBE 75-0081: Core fuel tubes before/after alteration
Tubes 53 and 56
Figure 74 sheet 1

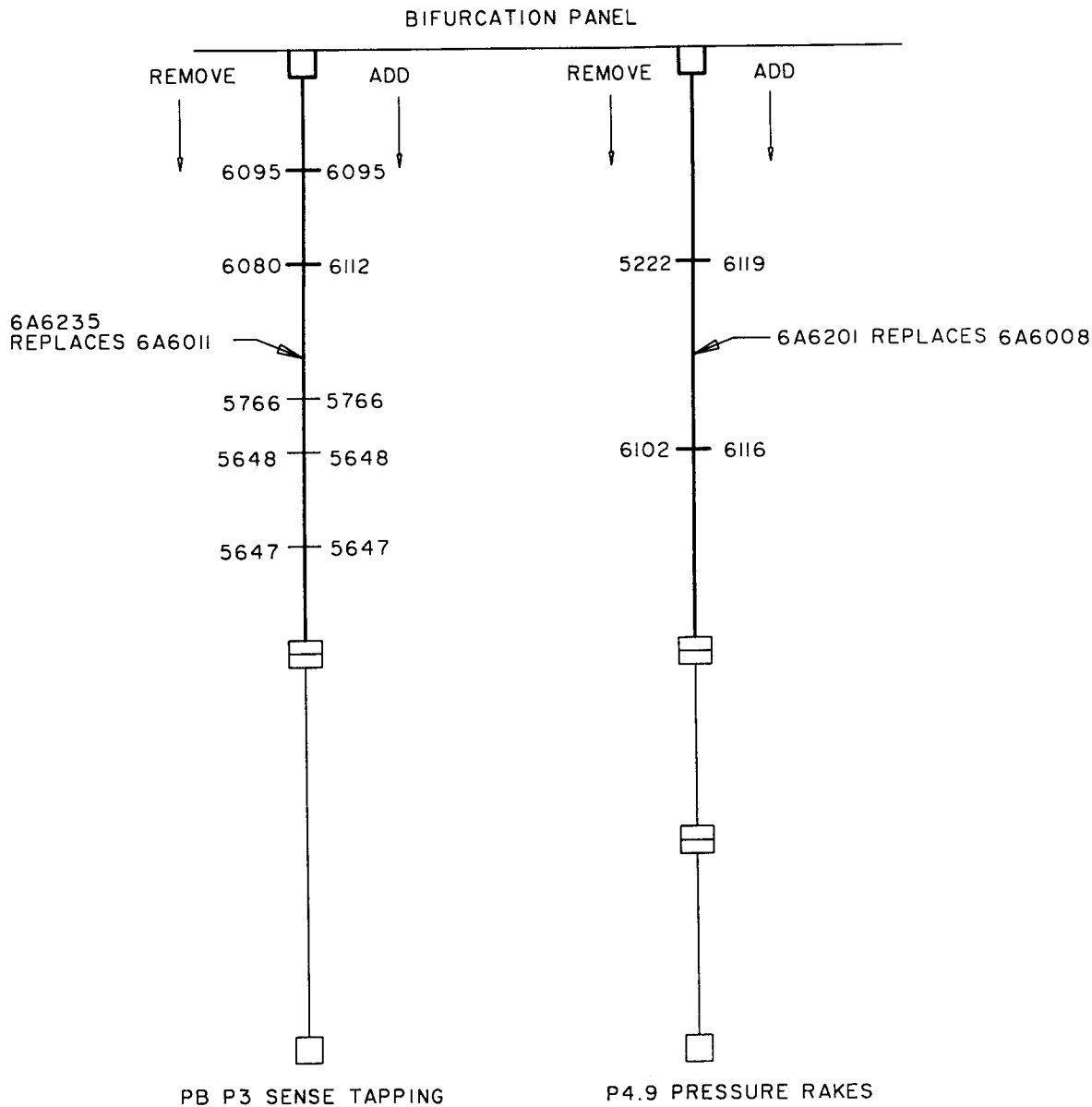


NOTE: CLIP POINTS 5222, 6080
6102 ARE DELETED

CLIP POINTS 6112, 6116, 6119 ARE NEW

CLIP POINTS 5647, 5648, 5766
6095 ARE MODIFIED

SBE 75-0081: Core fuel tubes before/after alteration
Tubes 53 and 56
Figure 74 sheet 2



NOTE: CLIP POINTS 5222, 6080
6102 ARE DELETED

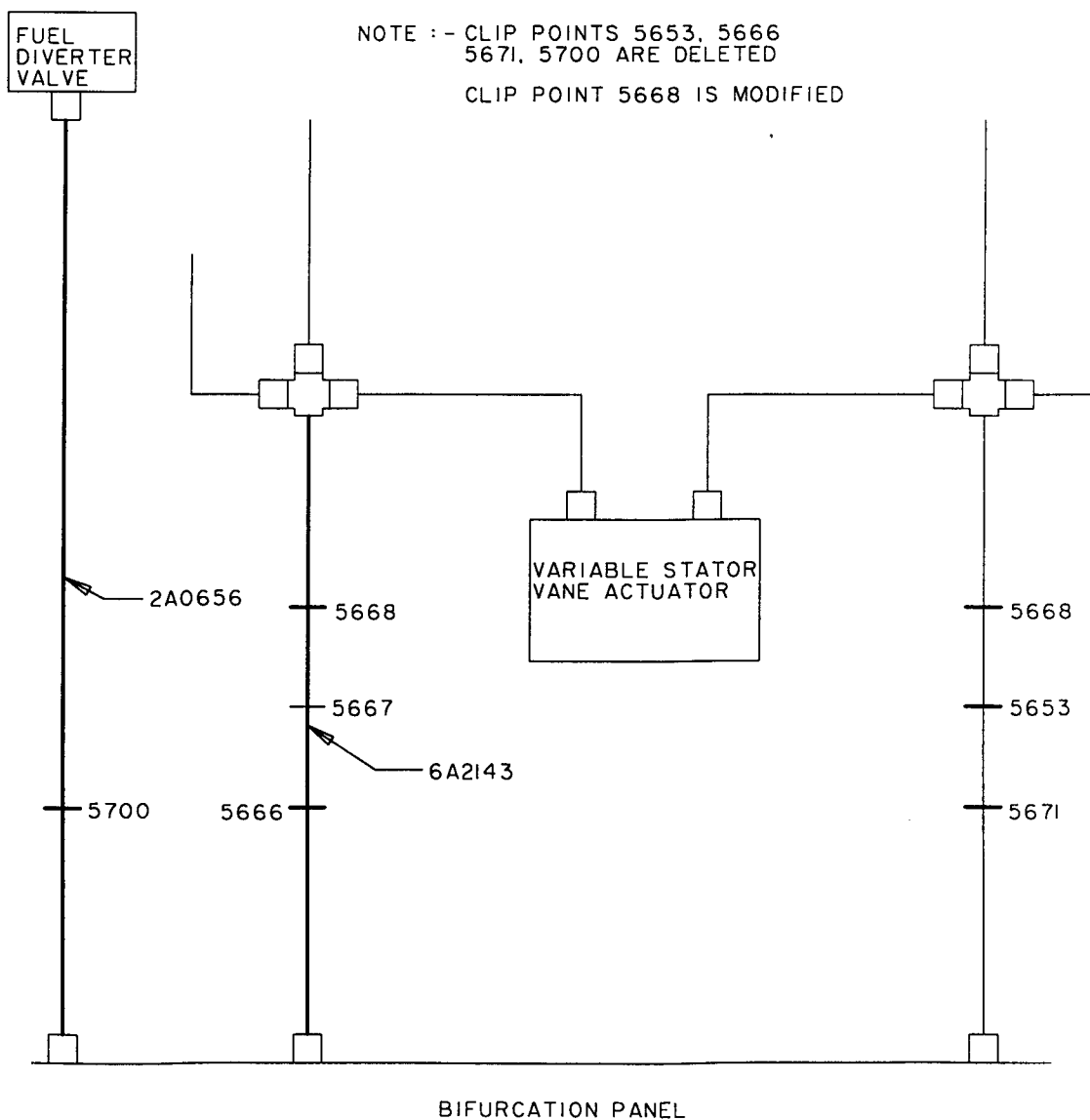
CLIP POINTS 6112, 6116, 6119 ARE NEW
CLIP POINTS 5647, 5648, 5766
6095 ARE MODIFIED

Pre SBE 75-0081: Core fuel tubes before/after alteration
Tubes 53 and 56
Figure 74 sheet 3

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Core fuel tubes before alteration
Tubes 62, 60 and 61
Figure 75 sheet 1

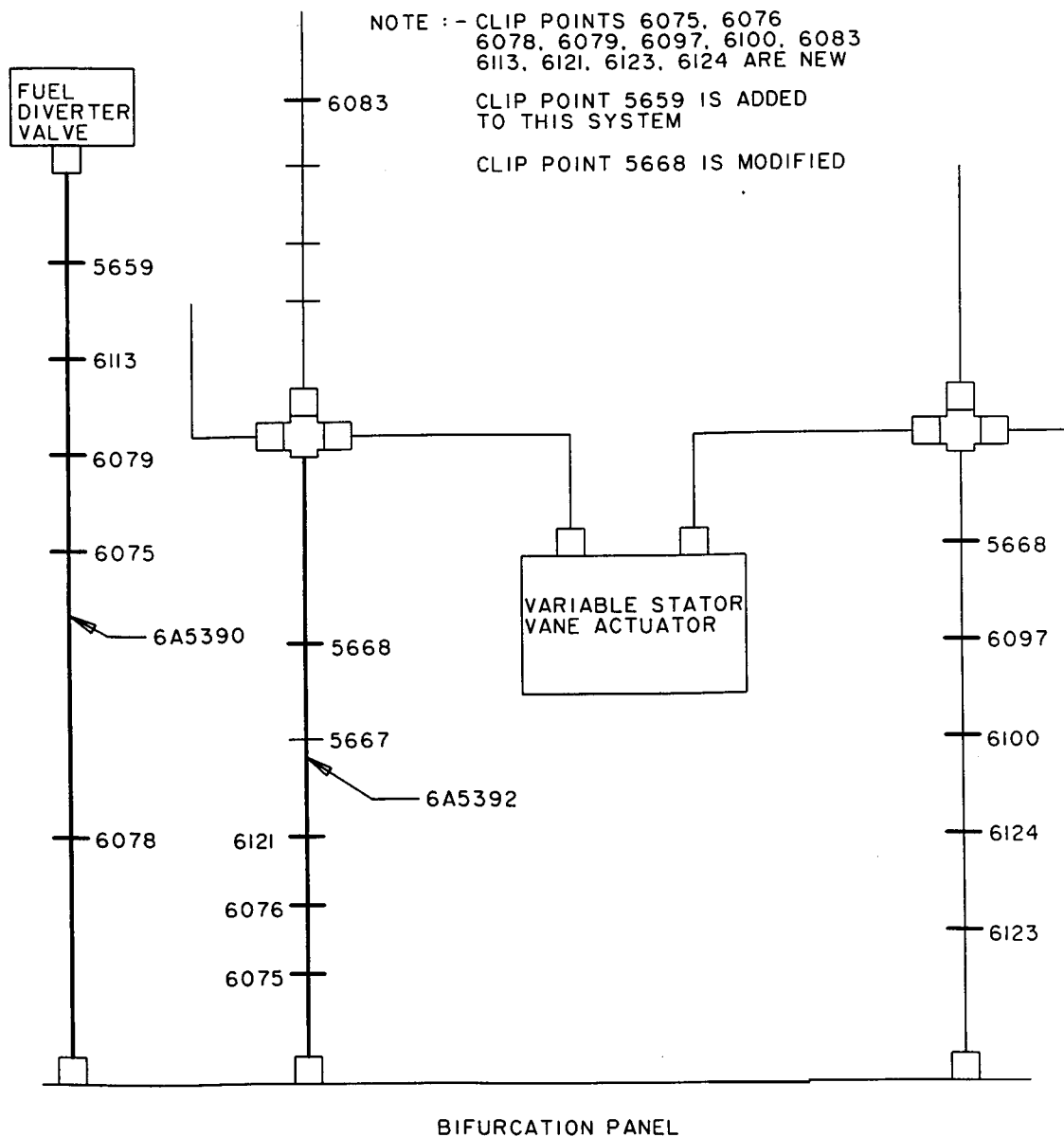
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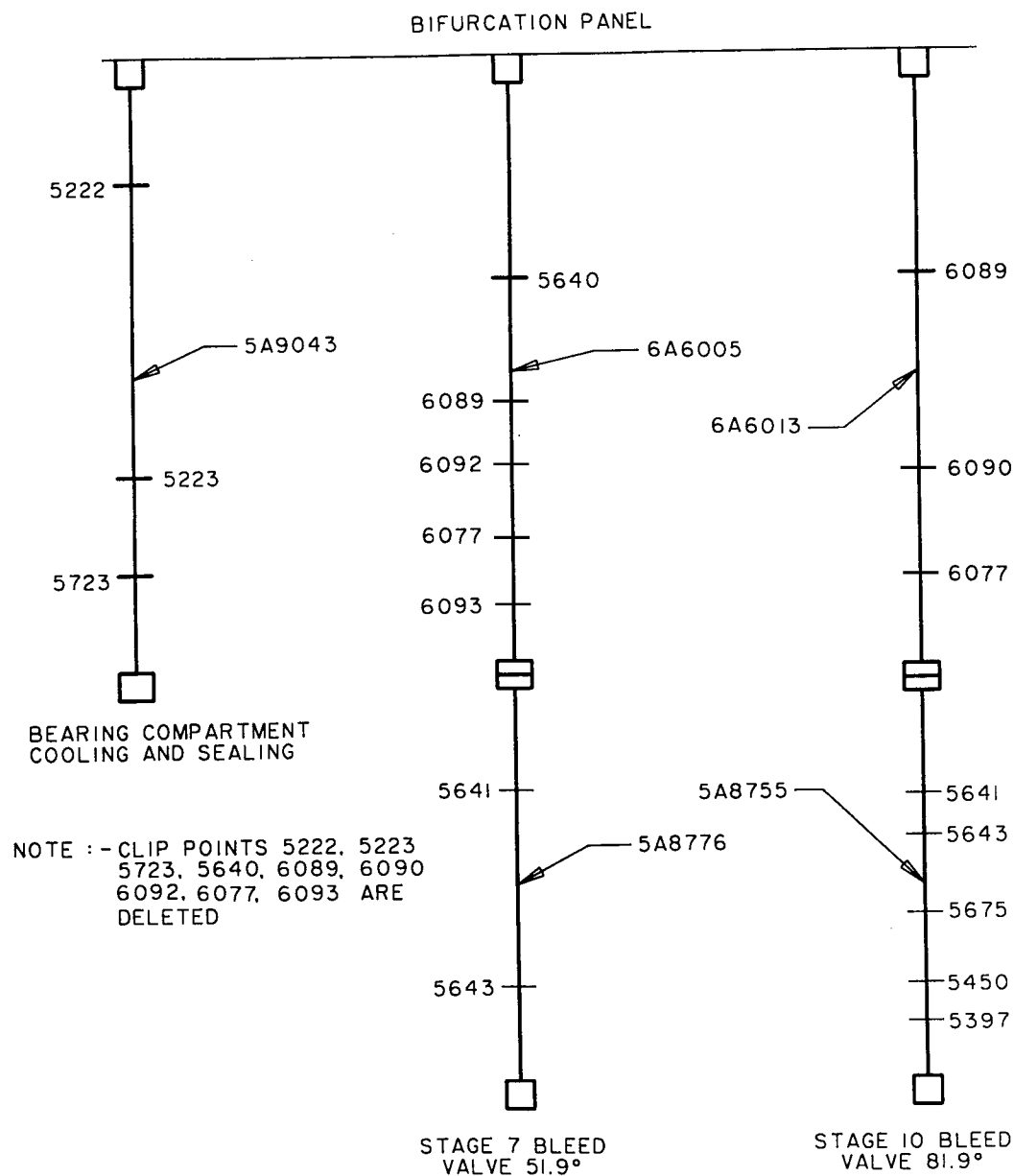
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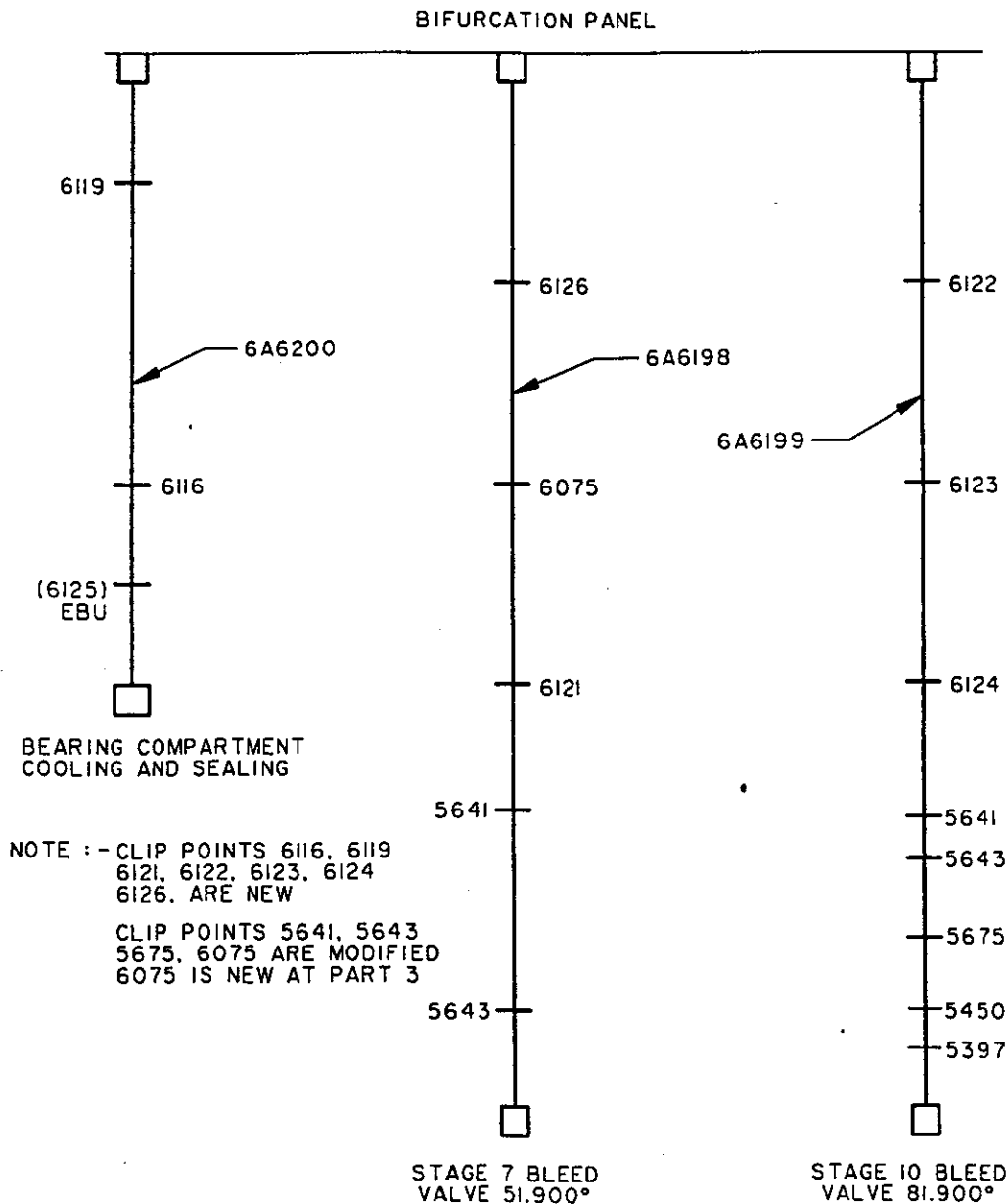


ded0005066

Core fuel tubes after alteration
Tubes 62, 60 and 61
Figure 75 sheet 2



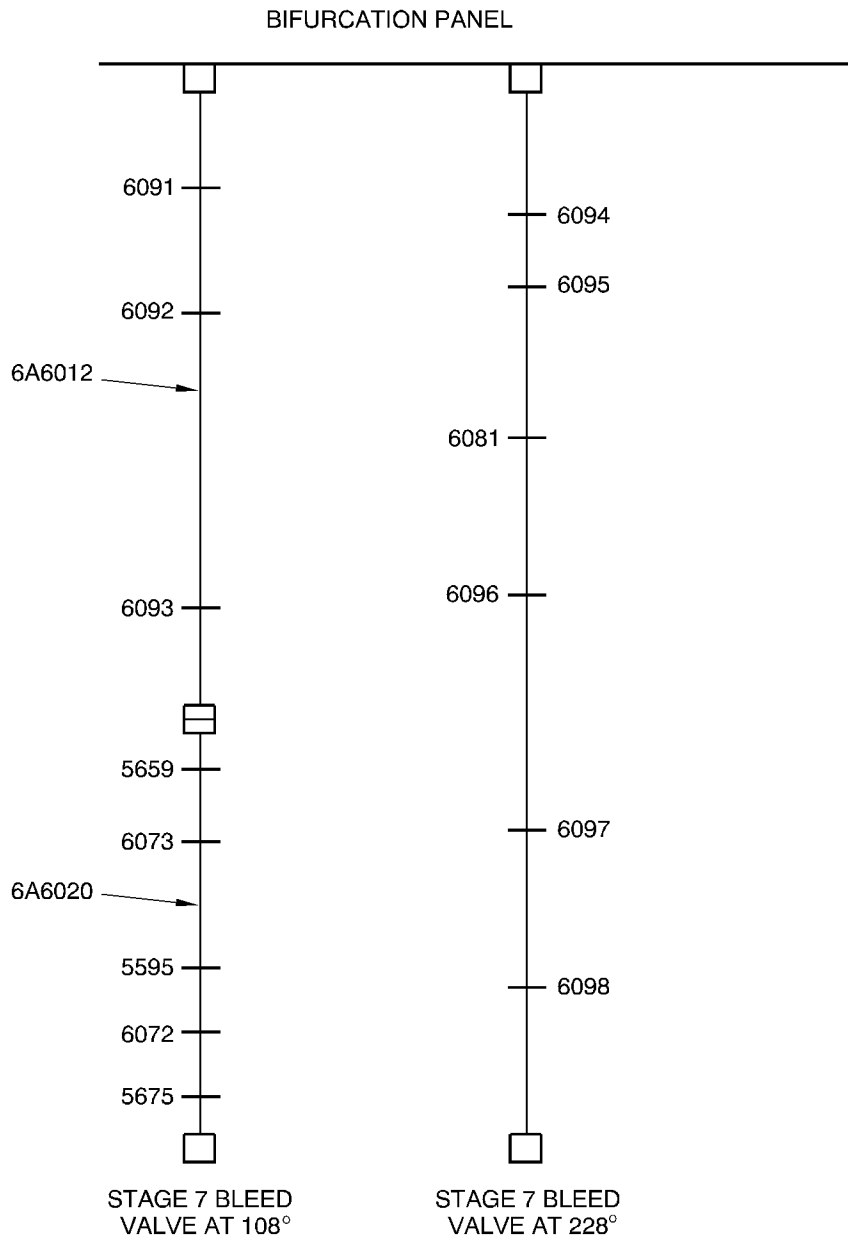
Core bleed valve control air tubes before alteration
Tubes 16, 63, 64, 51 and 49
Figure 76 sheet 1



SCHEMATIC VIEW OF BLEED VALVE CONTROL CORE AIR TUBES
AFTER ALTERATION

Core bleed valve control tubes after alteration
Figure 76 sheet 2

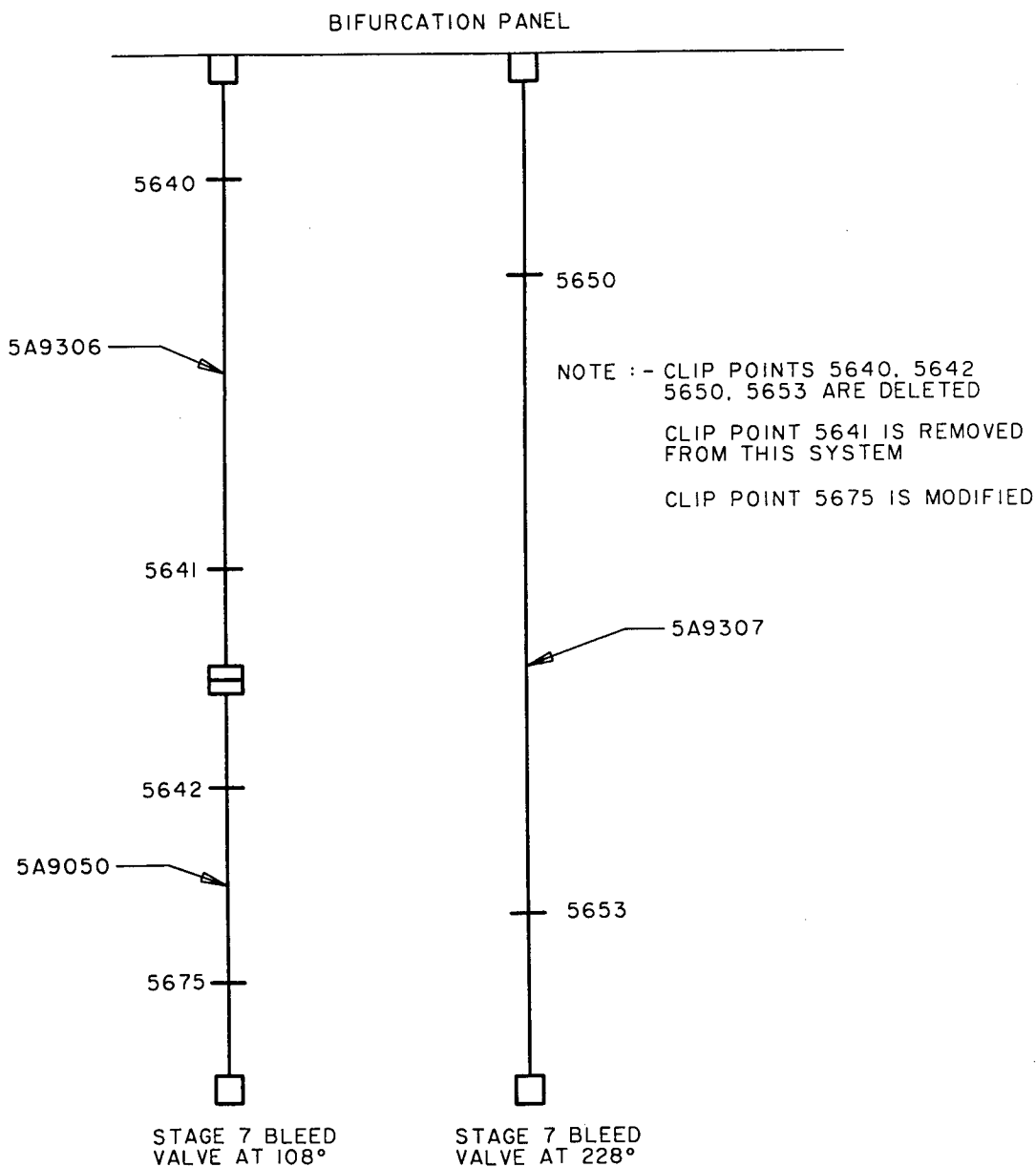
dem0001492



NOTE: CLIP POINTS 6091, 6092
6093 ARE DELETED

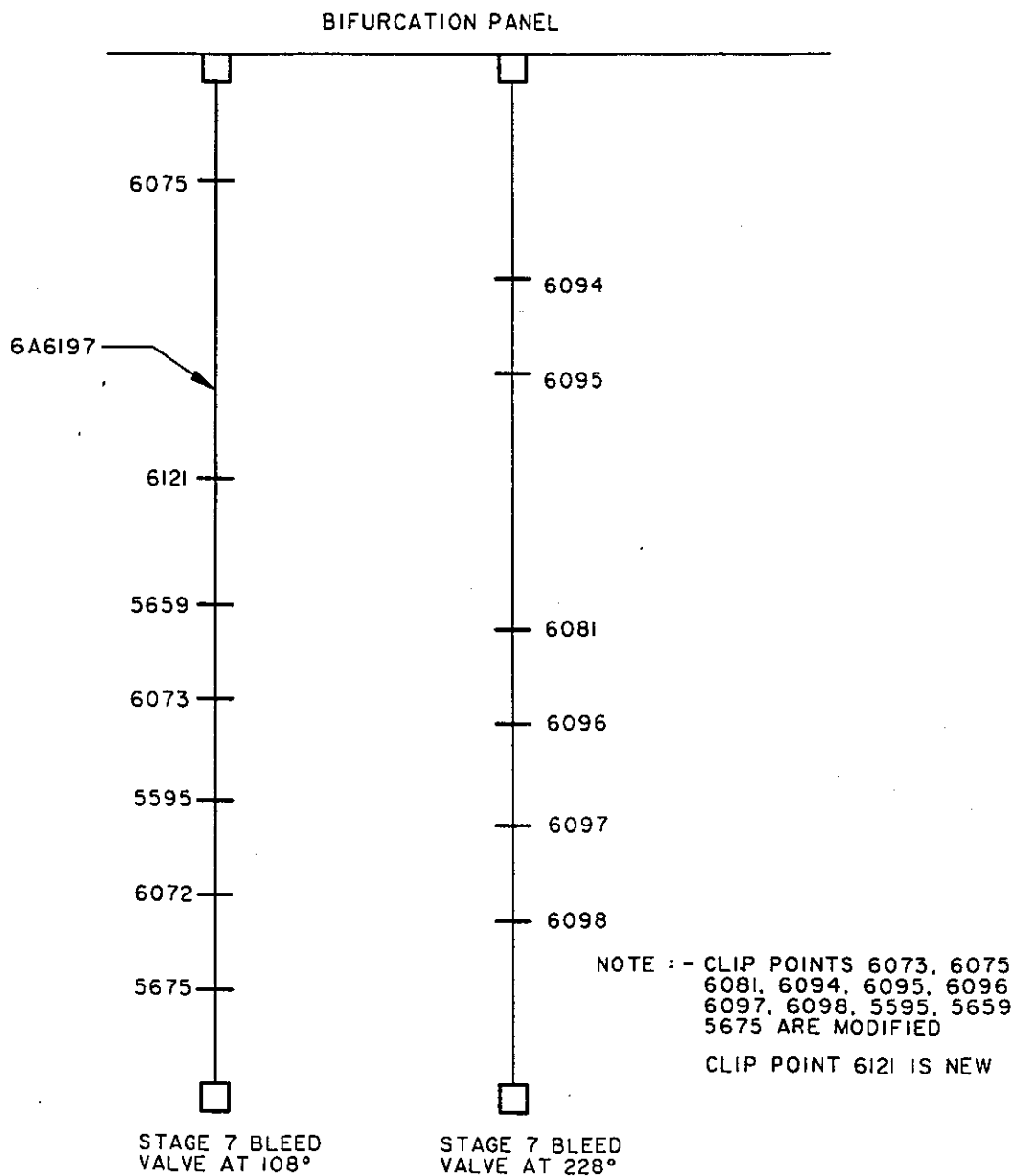
SCHEMATIC VIEW OF BLEED VALVE CONTROL CORE TUBES
BEFORE ALTERATION

Core bleed valve control tubes before alteration
Figure 76 sheet 3



SCHEMATIC VIEW OF BLEED VALVE CONTROL CORE TUBES
BEFORE ALTERATION

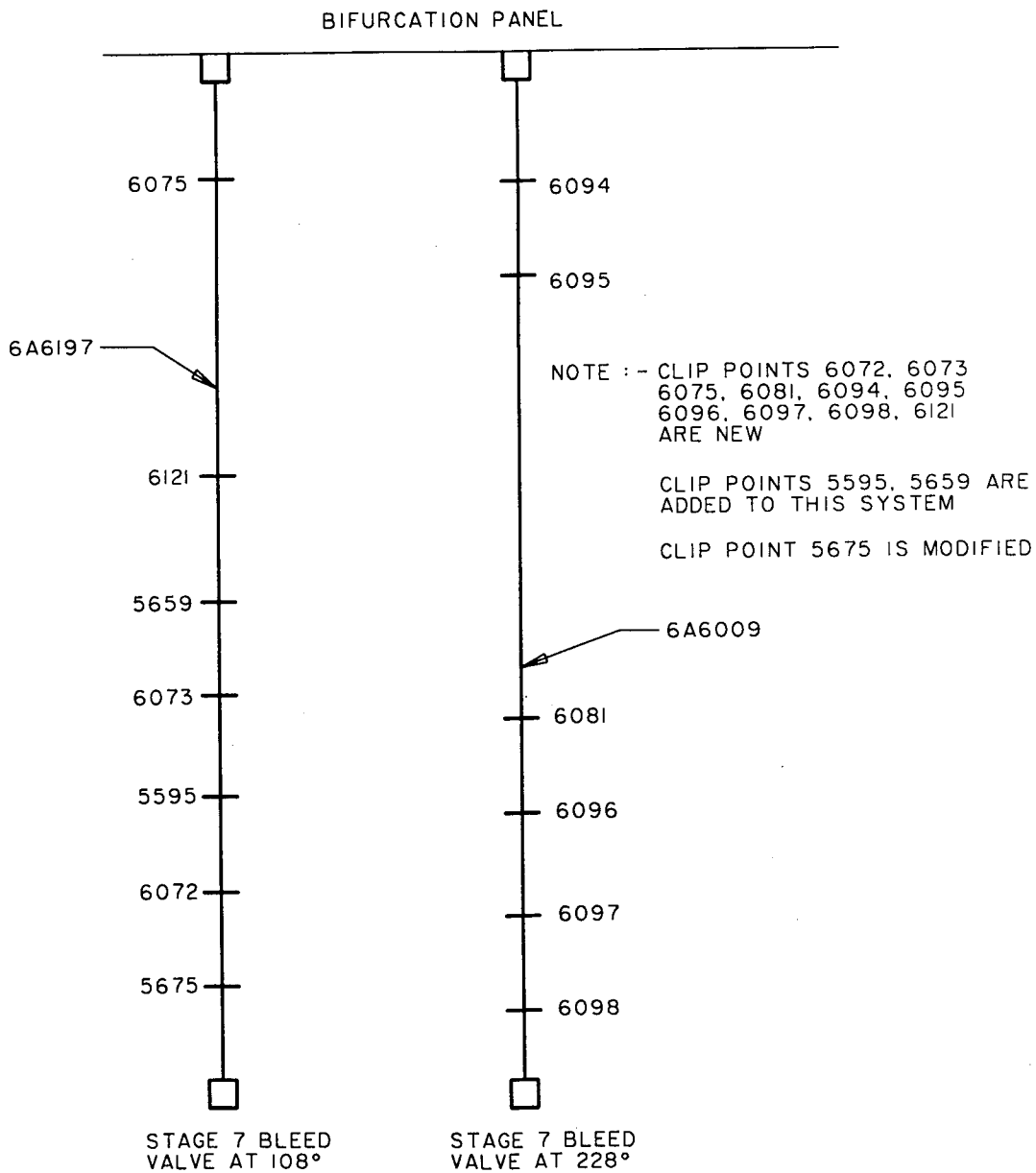
Core bleed valve control tubes before alteration
Figure 76 sheet 4



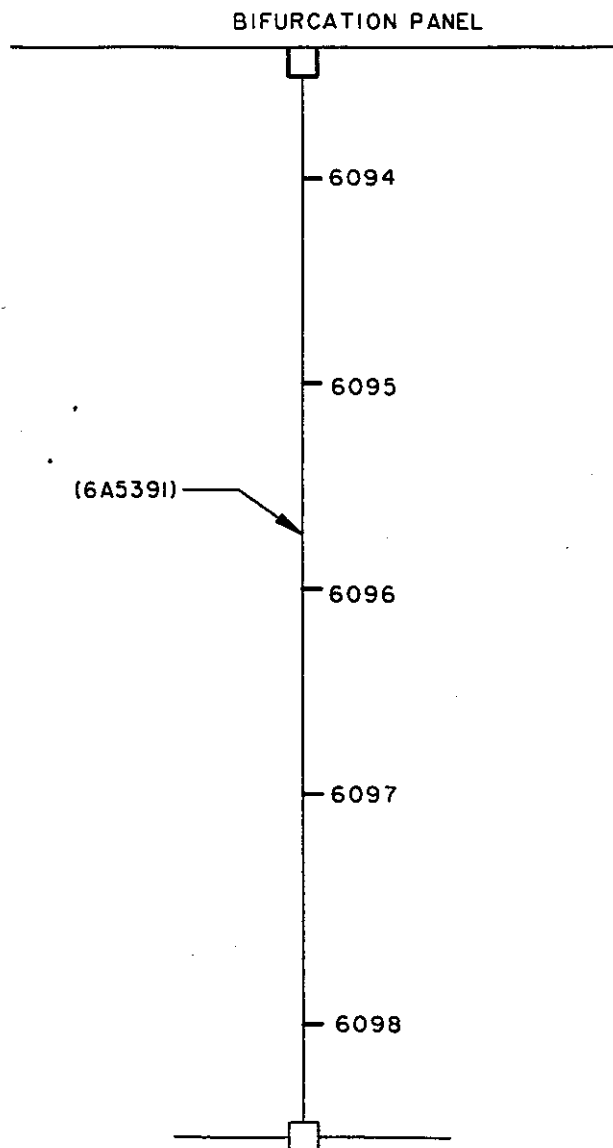
dem0001490

SCHEMATIC VIEW OF BLEED VALVE CONTROL CORE TUBES
AFTER ALTERATION

SBE 75-0081: Core bleed valve control tubes after alteration
Figure 76 sheet 5



Pre SBE 75-0081: Core bleed valve control tubes after alteration
Figure 76 sheet 6



NOTE :- CLIP POINTS 6094, 6095, 6096
6097, 6098 ARE MODIFIED

SCHEMATIC VIEW OF CABIN AIR TUBE

SBE 72-0189: Core cabin air tubes before / after alteration
Figure 77 sheet 1

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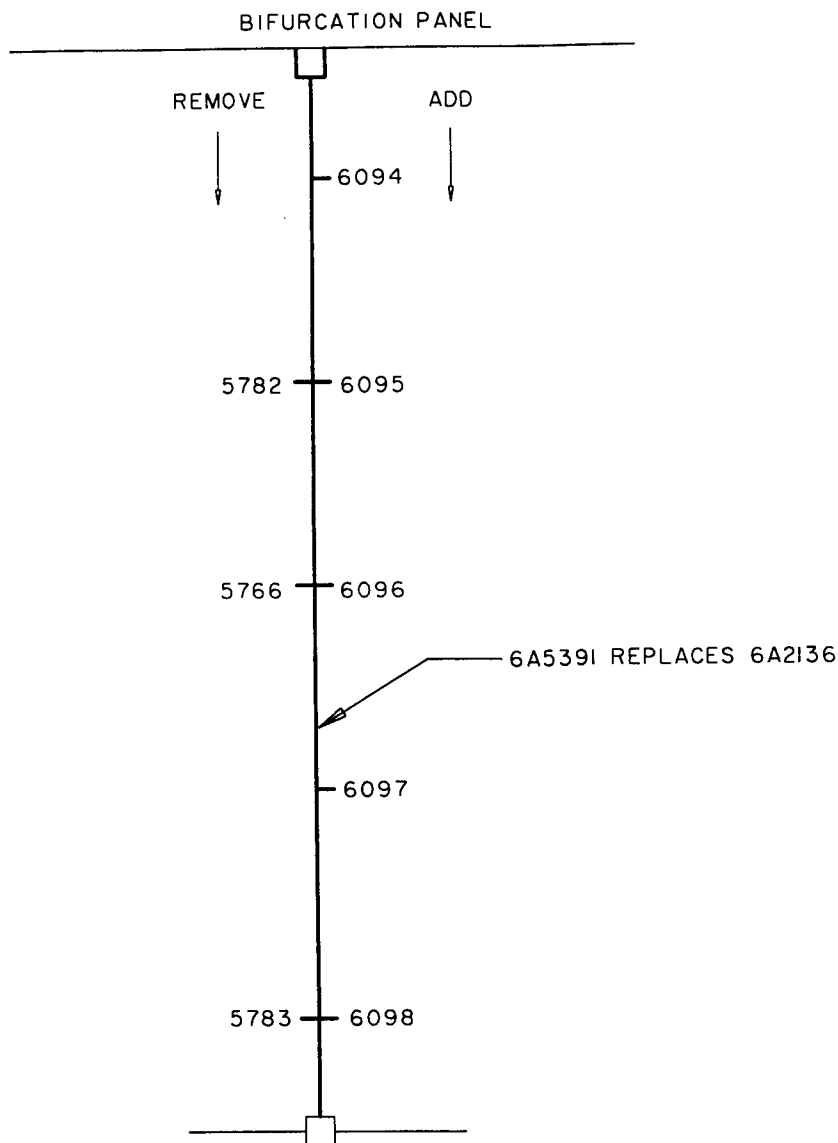
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dem0001493

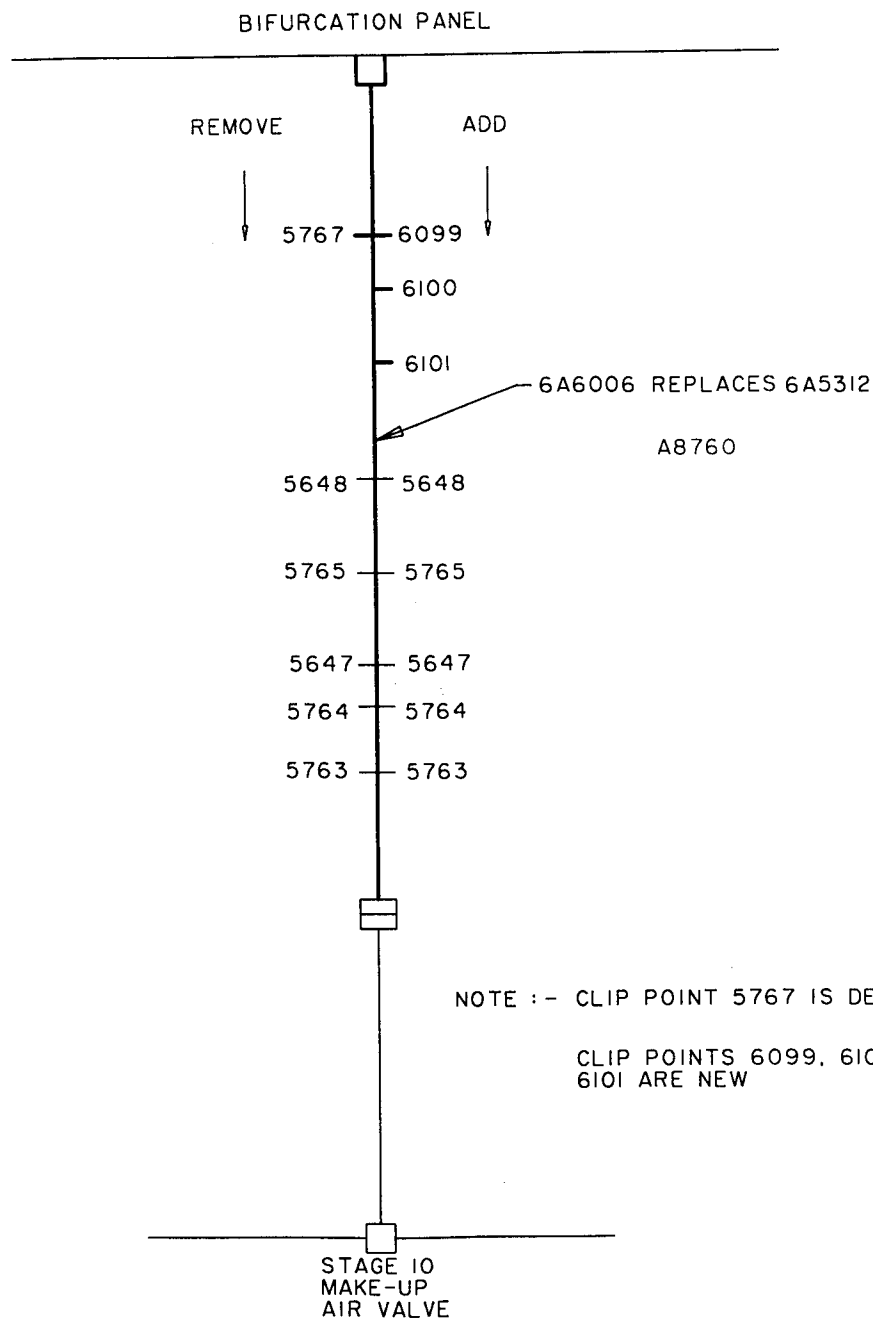


NOTE :- CLIP POINTS 5782, 5783 ARE DELETED

CLIP POINT 5766 IS REMOVED
FROM THIS TUBE

CLIP POINTS 6094, 6095, 6096
6097, 6098 ARE NEW

Pre SBE 72-0189: Core cabin air tubes before / after alteration
Figure 77 sheet 2



dem0001644

Pre SBE 72-0189: Core turbine cooling controlled air tube 68 before/after alteration
Figure 78 sheet 1

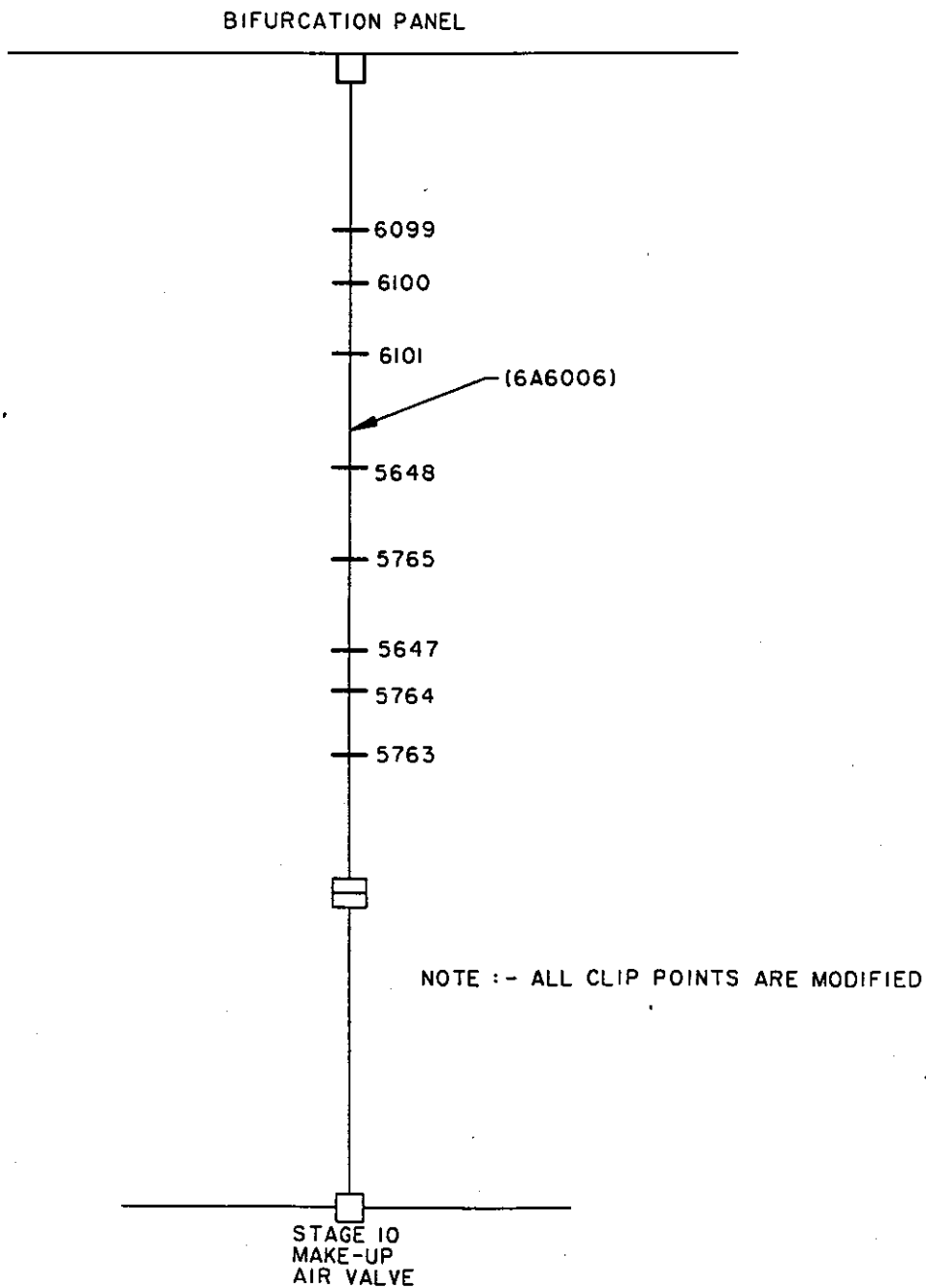
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SCHEMATIC VIEW OF TURBINE COOLING CONTROLLED AIR CORE TUBE

dem0001643

SBE 72-0189: Core turbine cooling controlled air tube 68 before/after alteration
Figure 78 sheet 2

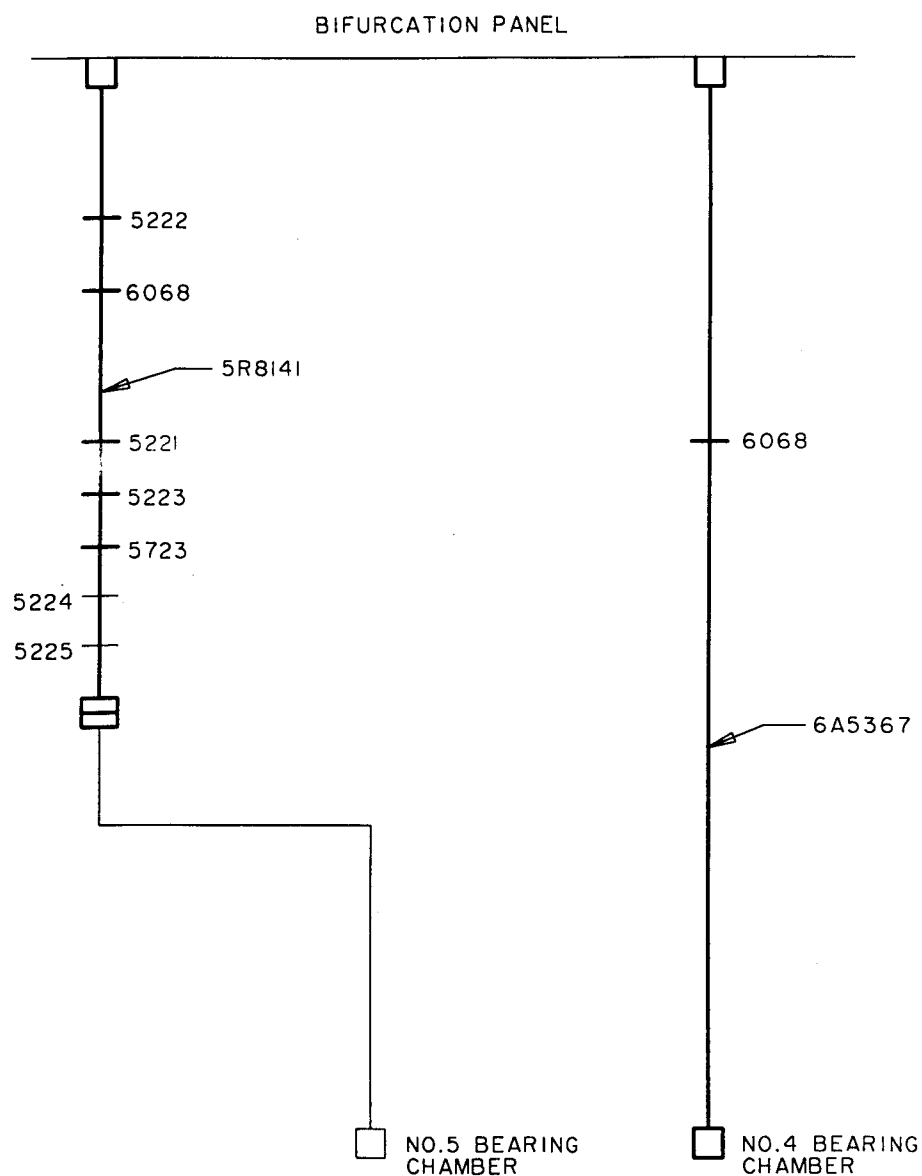
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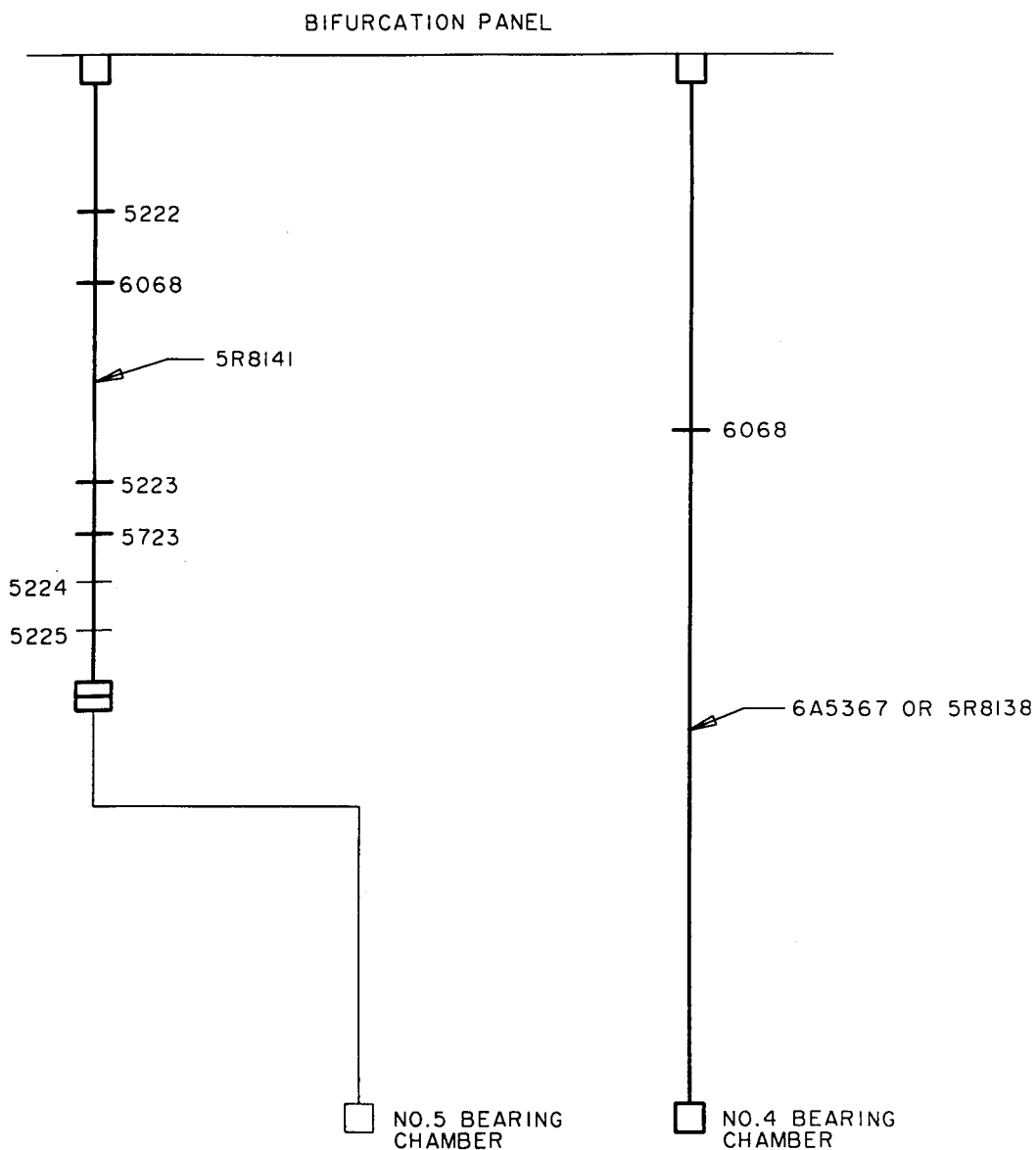
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NOTE : - CLIP POINTS 5221, 5222
5223, 5723, 6068 ARE
DELETED

dem0001634

Core oil scavenge tubes 20 and 55 before alteration
Figure 79 sheet 1

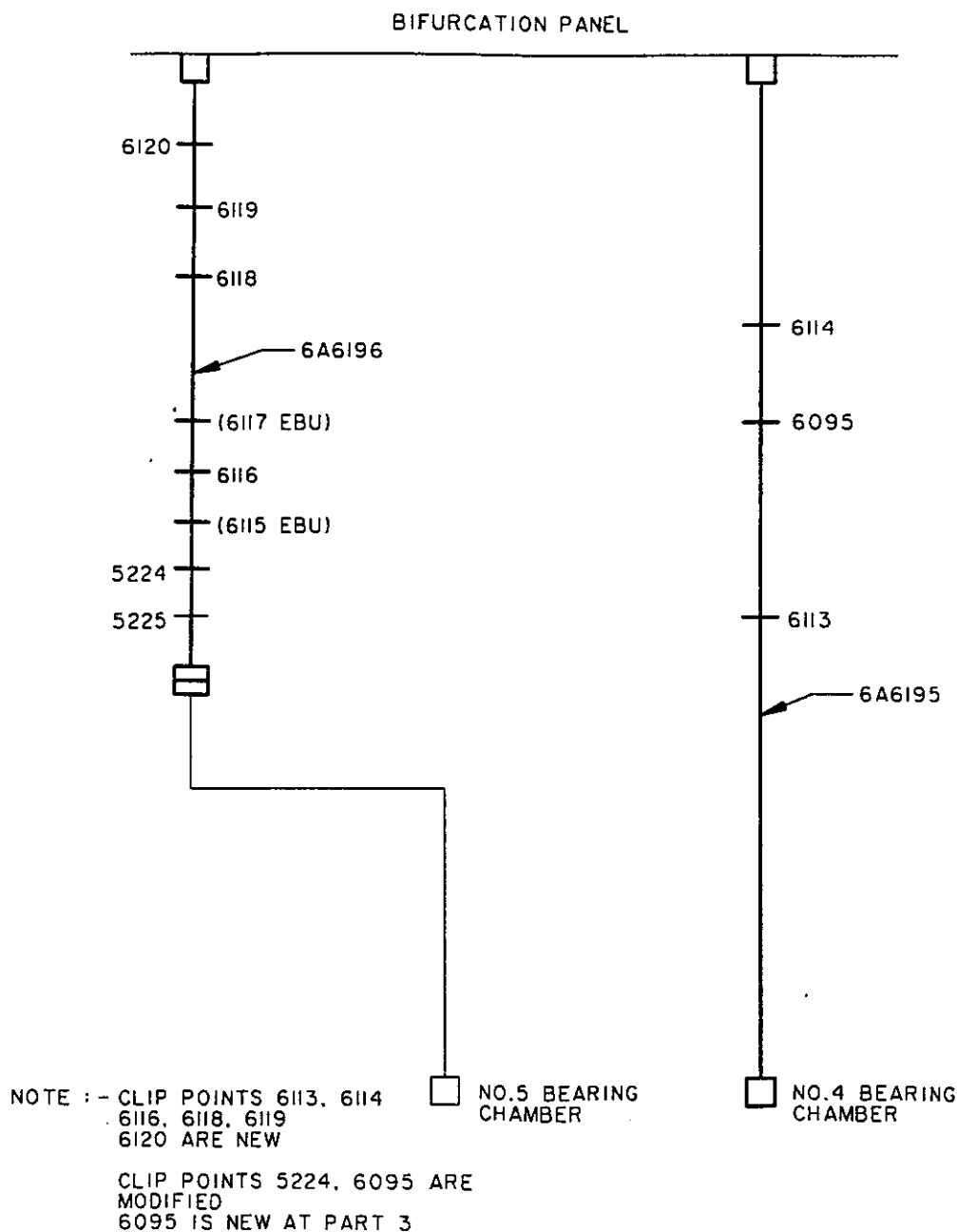


NOTE : - CLIP POINTS 5222, 5223
5723, 6068, 6102 ARE
DELETED

Core oil scavenge tubes 20 and 55 before alteration
Figure 79 sheet 2



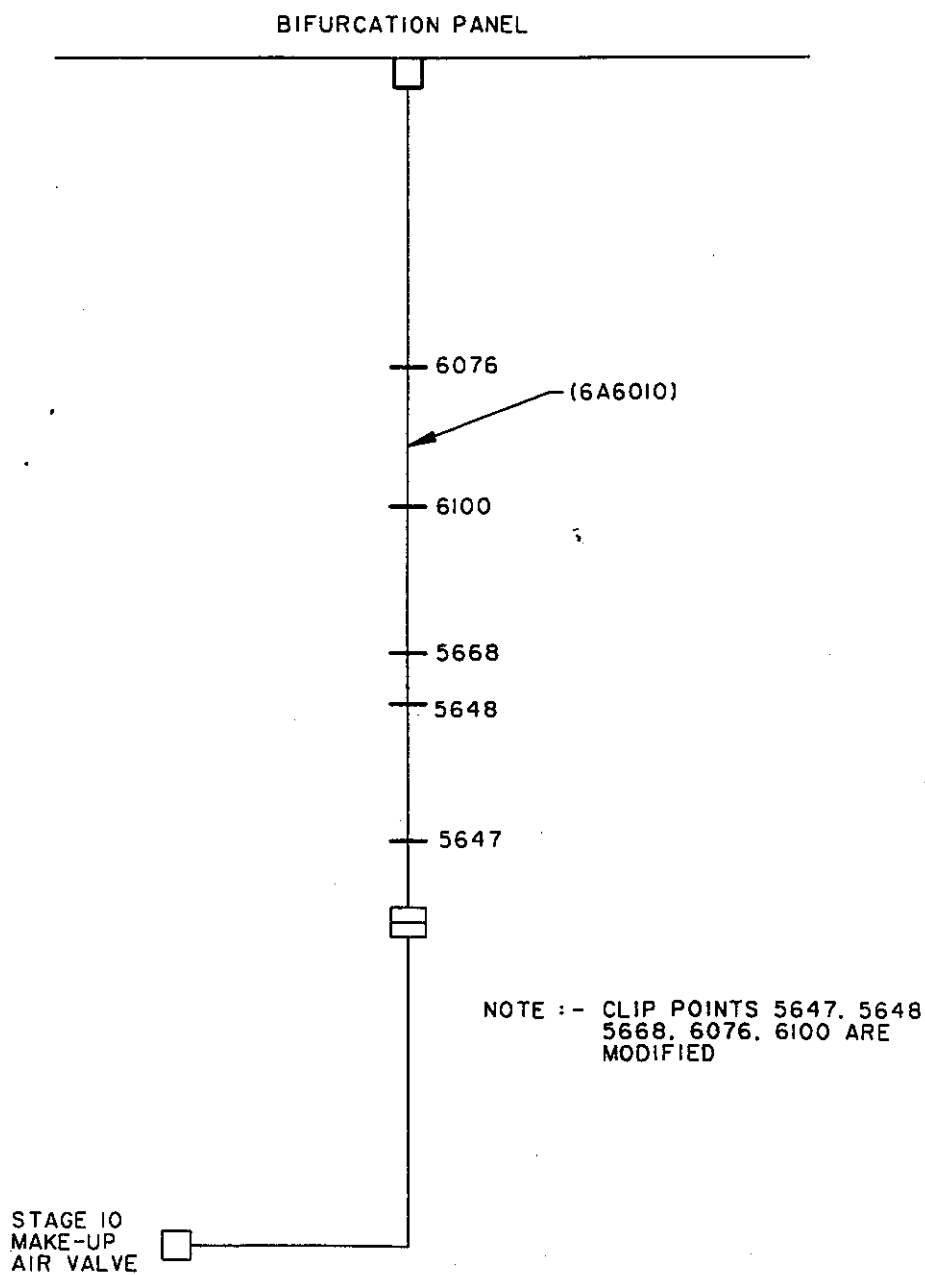
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SCHEMATIC VIEW OF CORE OIL SCAVENGE TUBES
AFTER ALTERATION

Core oil scavenge tubes after alteration
Figure 79 sheet 3

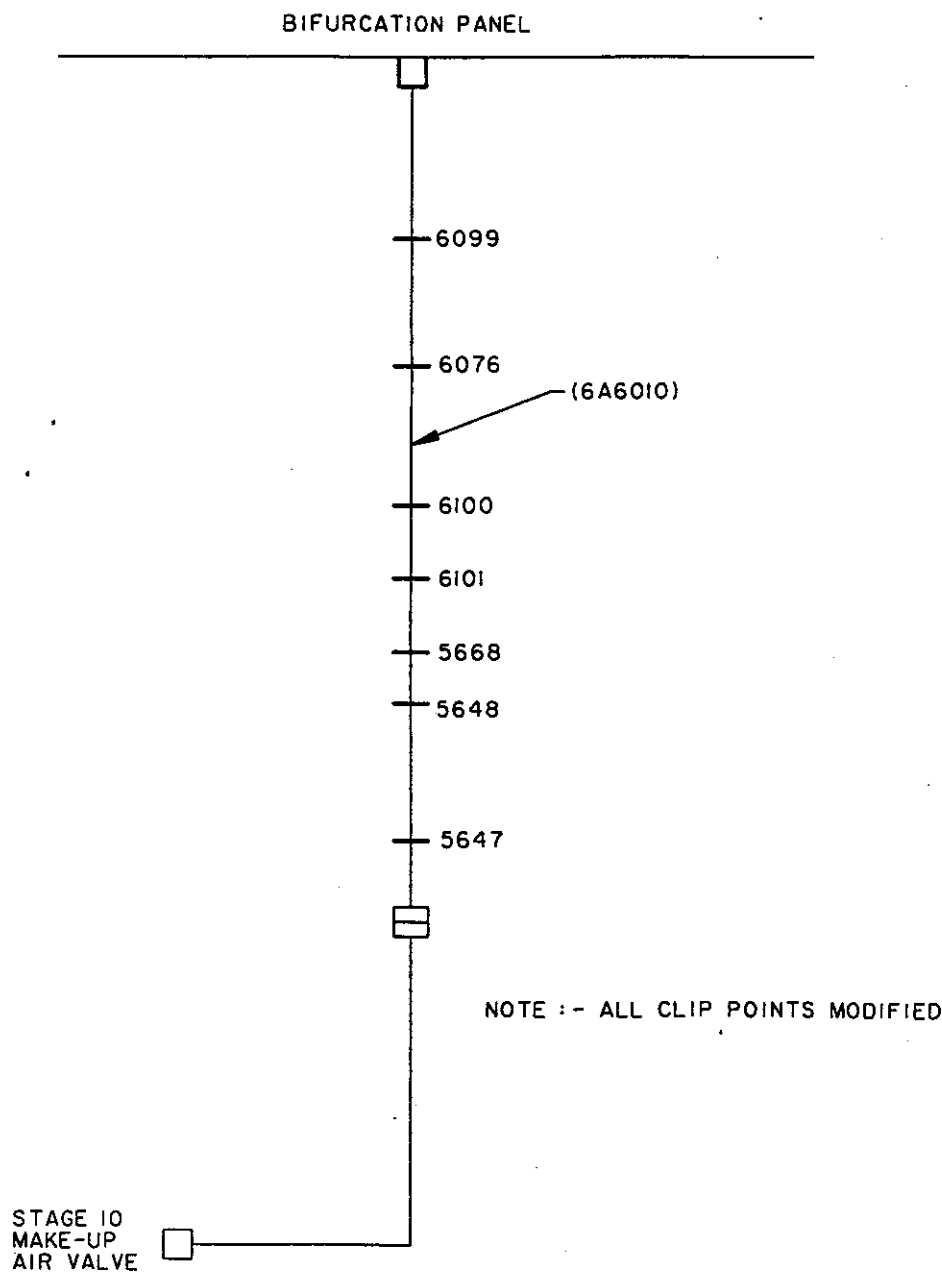


SCHEMATIC VIEW OF BEARING COOLING AND SEALING CORE TUBE

Core bearing cooling and sealing tube before/after alteration
Figure 80 sheet 1



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SCHEMATIC VIEW OF BEARING COOLING AND SEALING CORE TUBE

Core bearing cooling and sealing tube before/after alteration
Figure 80 sheet 2

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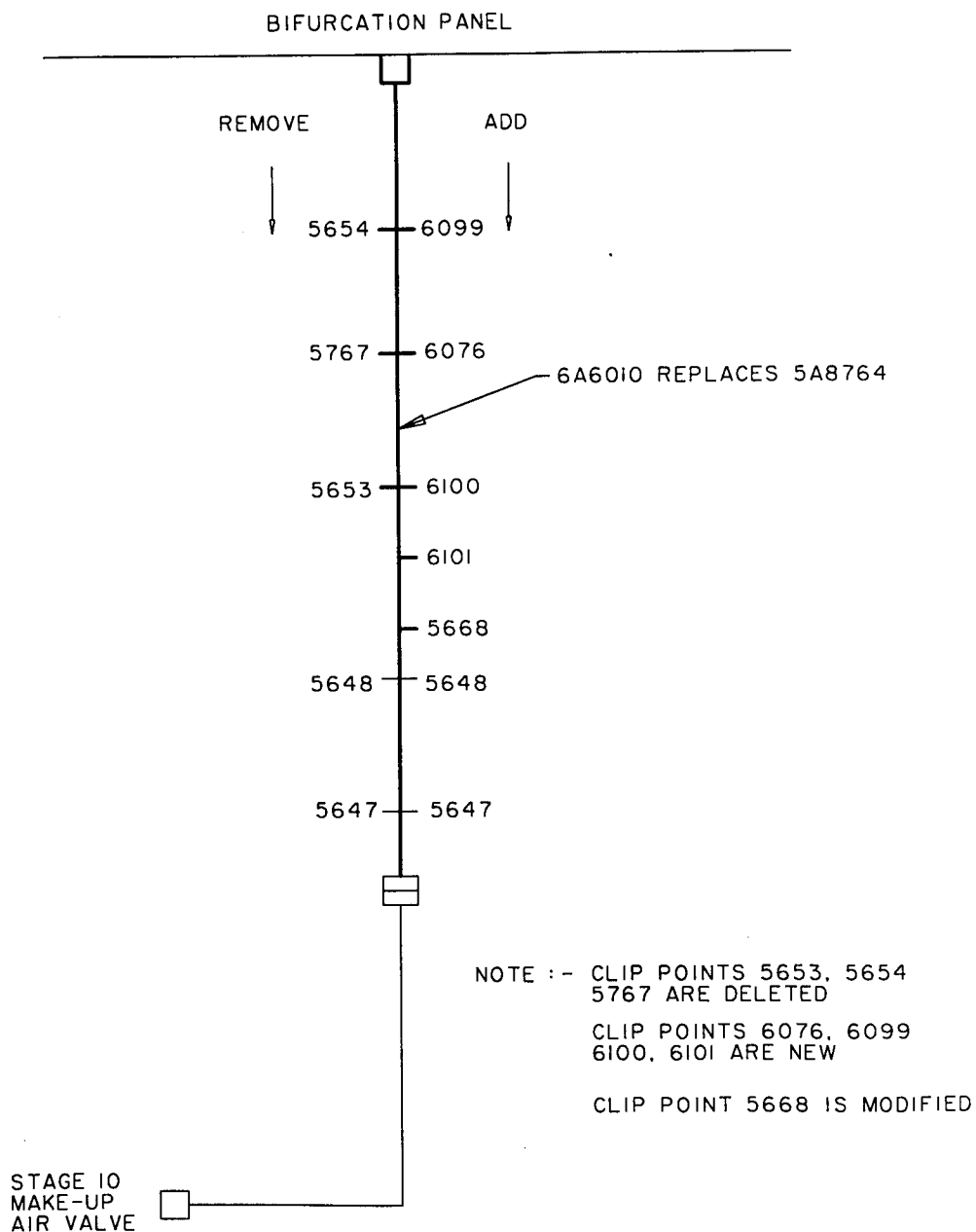
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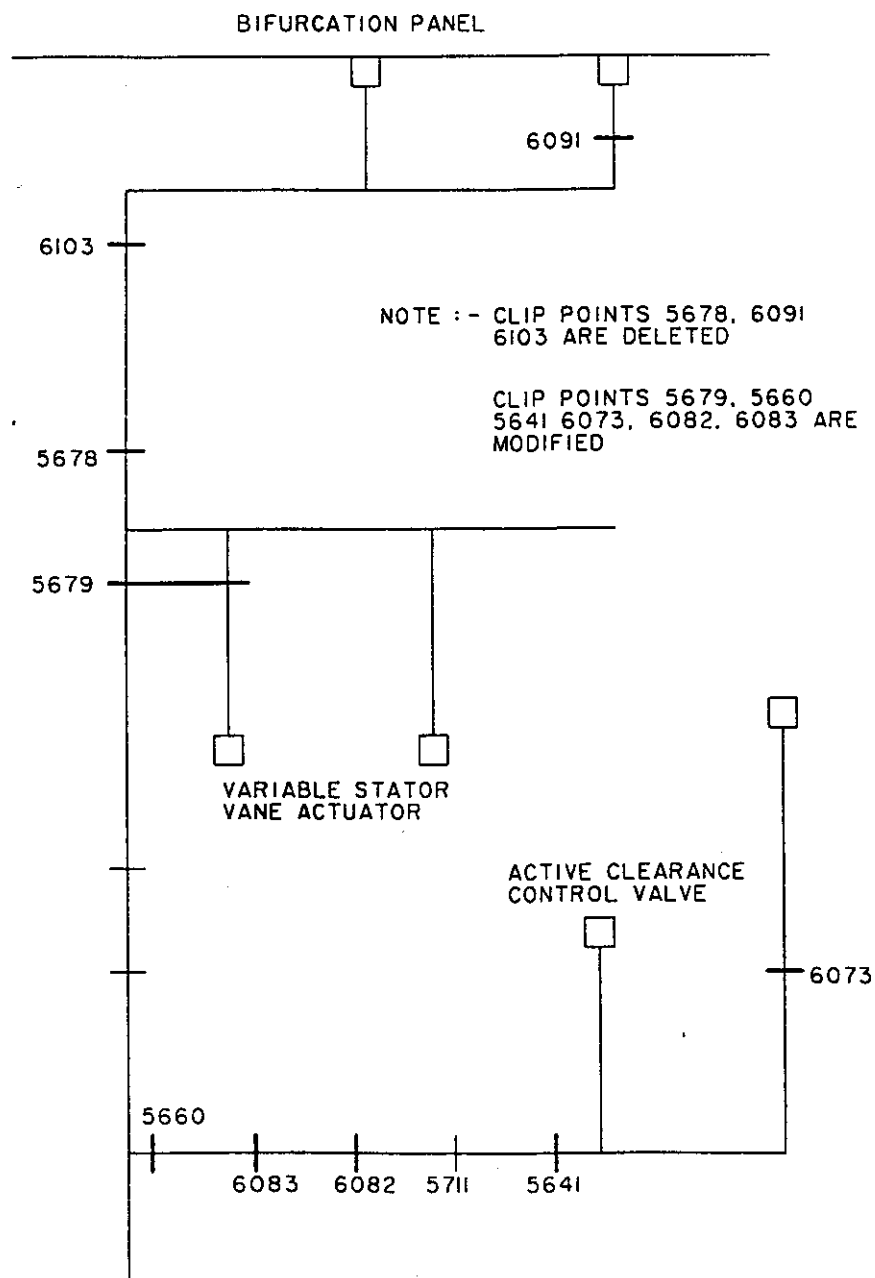
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dem0001641

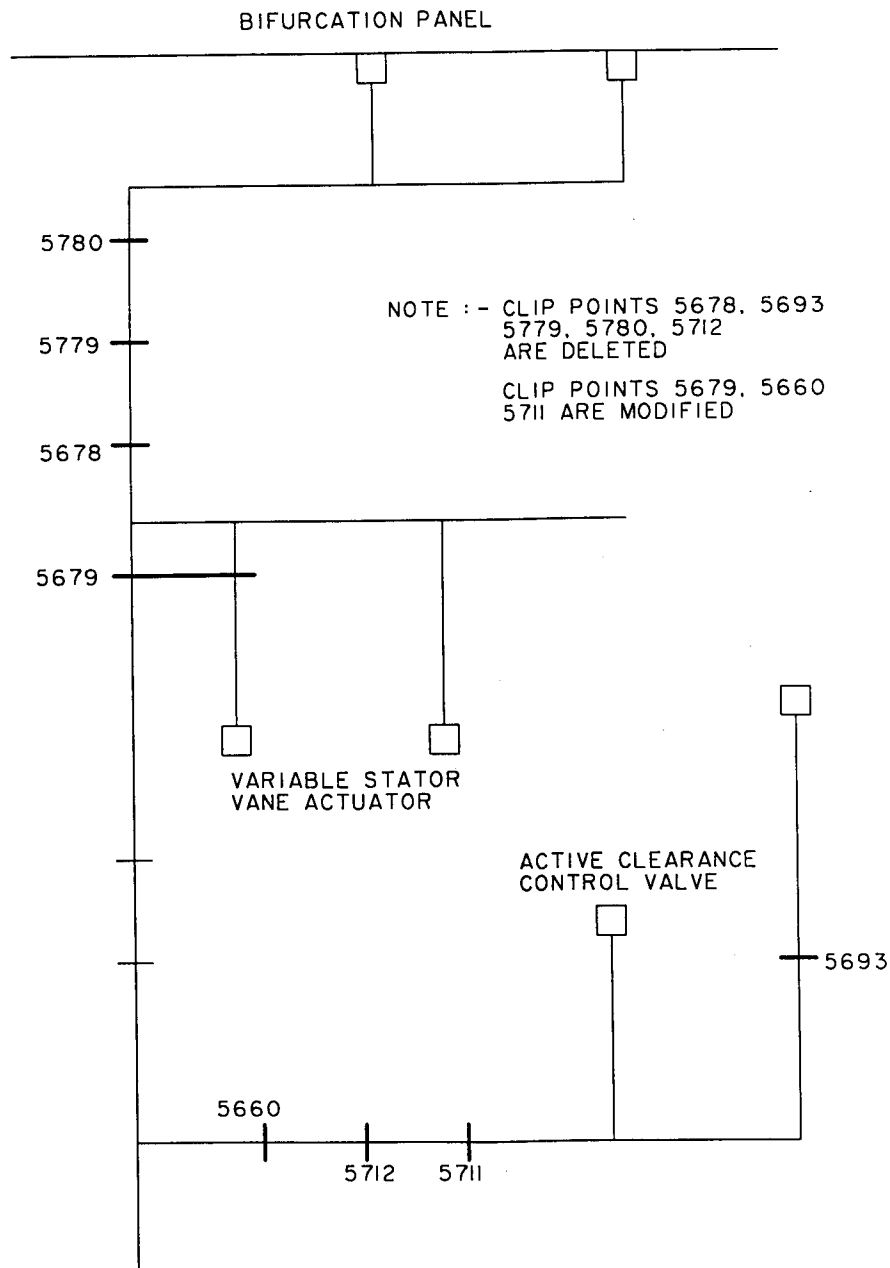


Core bearing cooling and sealing tube before/after alteration
Figure 80 sheet 3

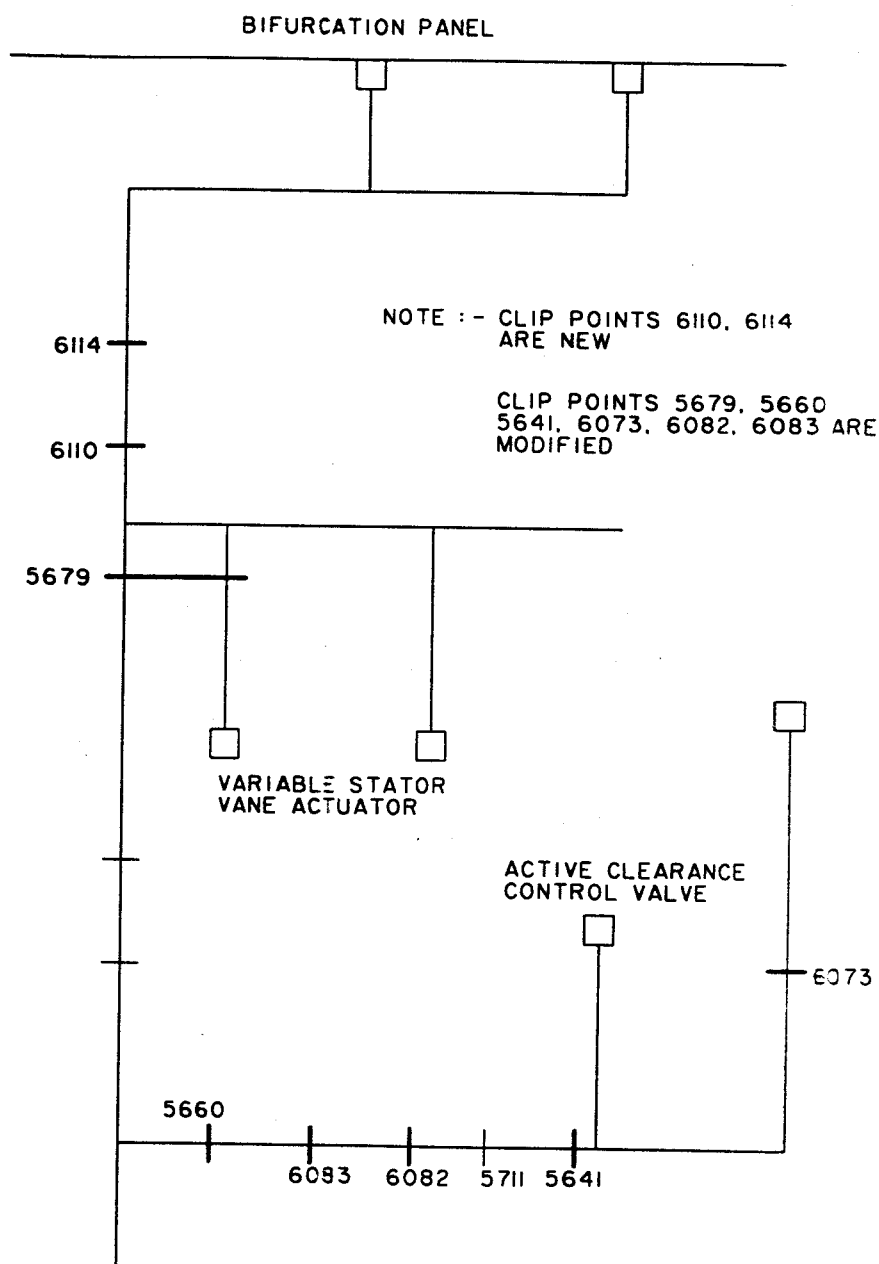


PART SCHEMATIC OF CORE EEC HARNESS
BEFORE ALTERATION

Core EEC harness before alteration
Figure 81 sheet 1

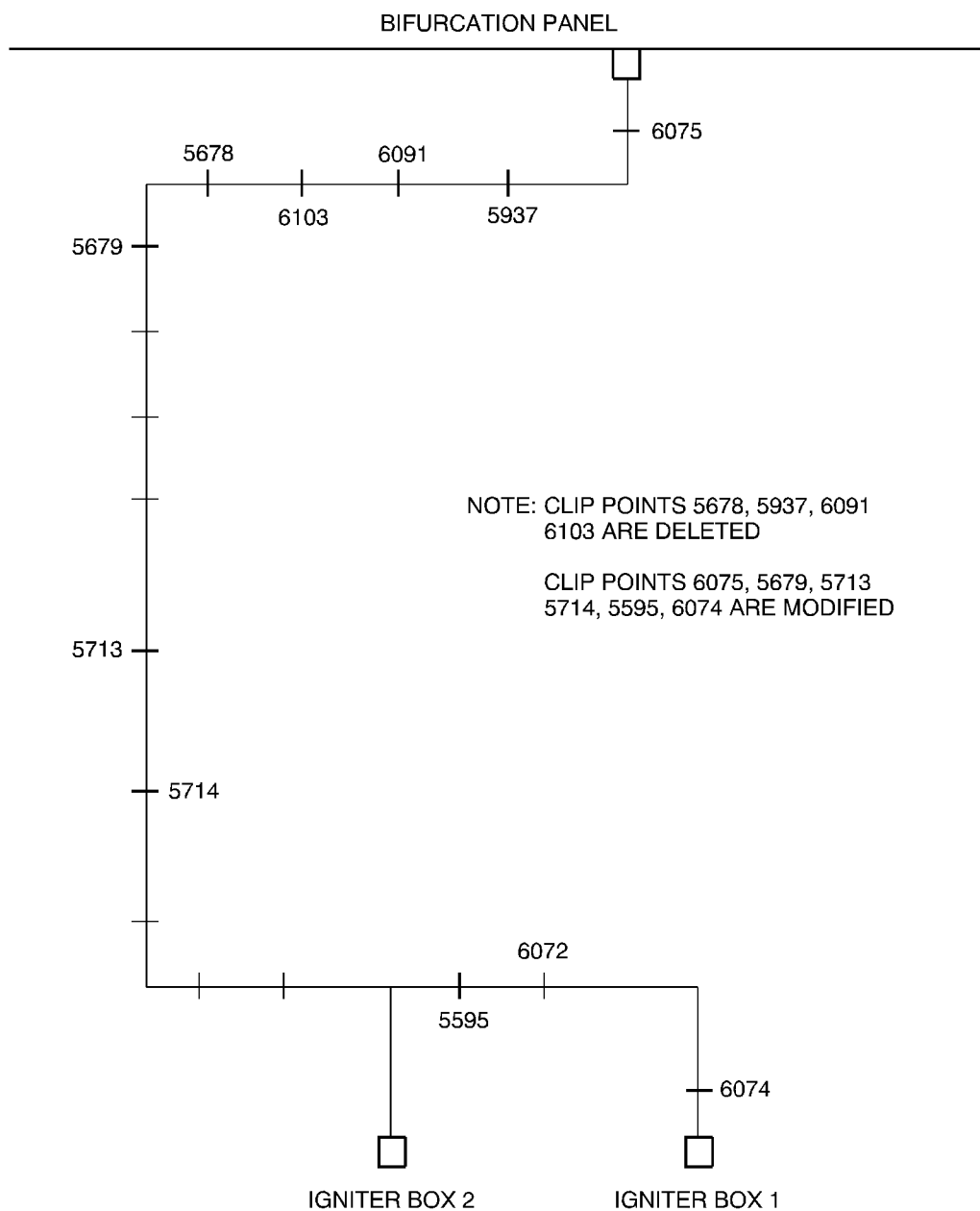


Core EEC harness before alteration
Figure 81 sheet 2



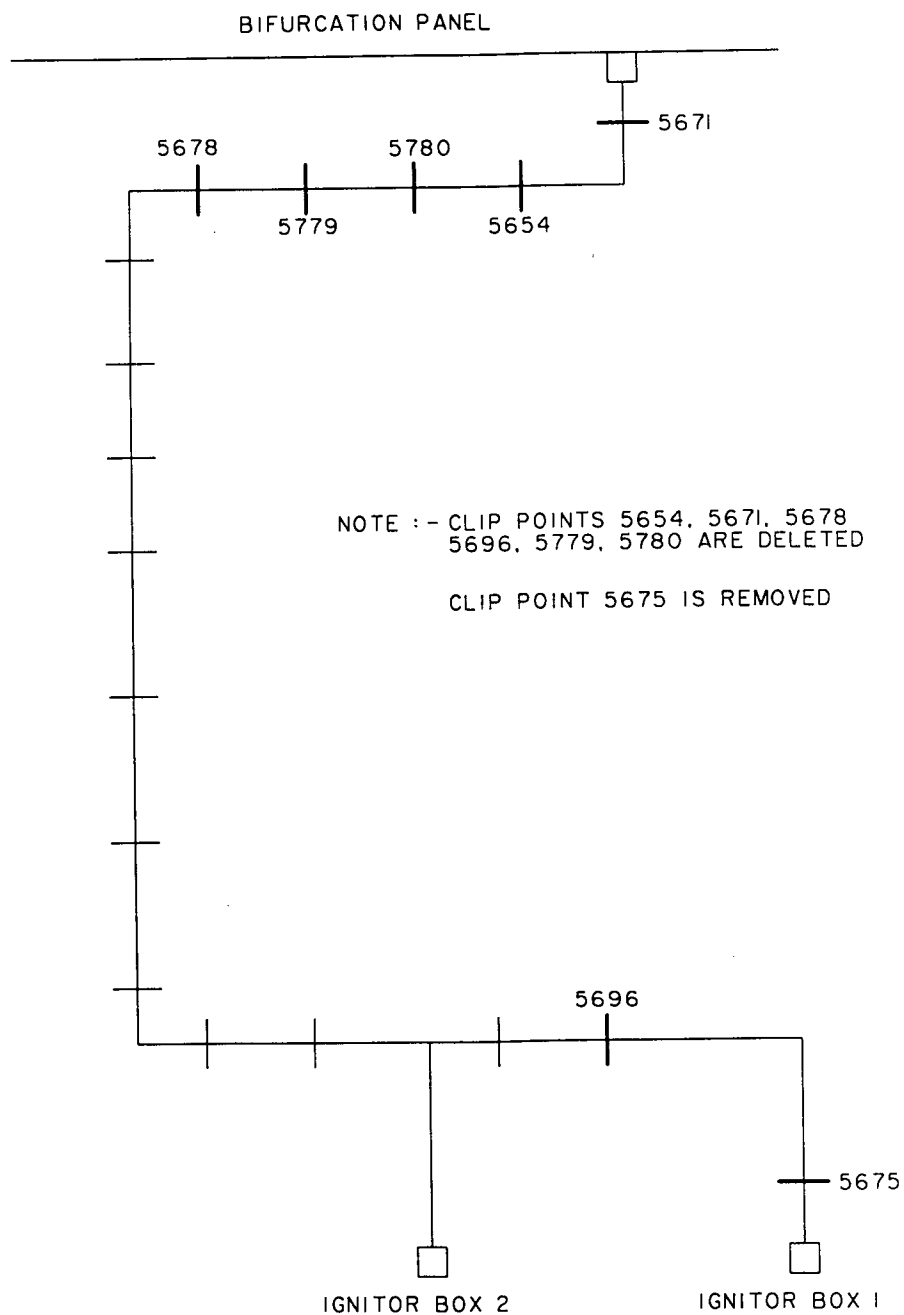
PART SCHEMATIC OF CORE EEC HARNESS
AFTER ALTERATION

Core EEC harness after alteration
Figure 81 sheet 3

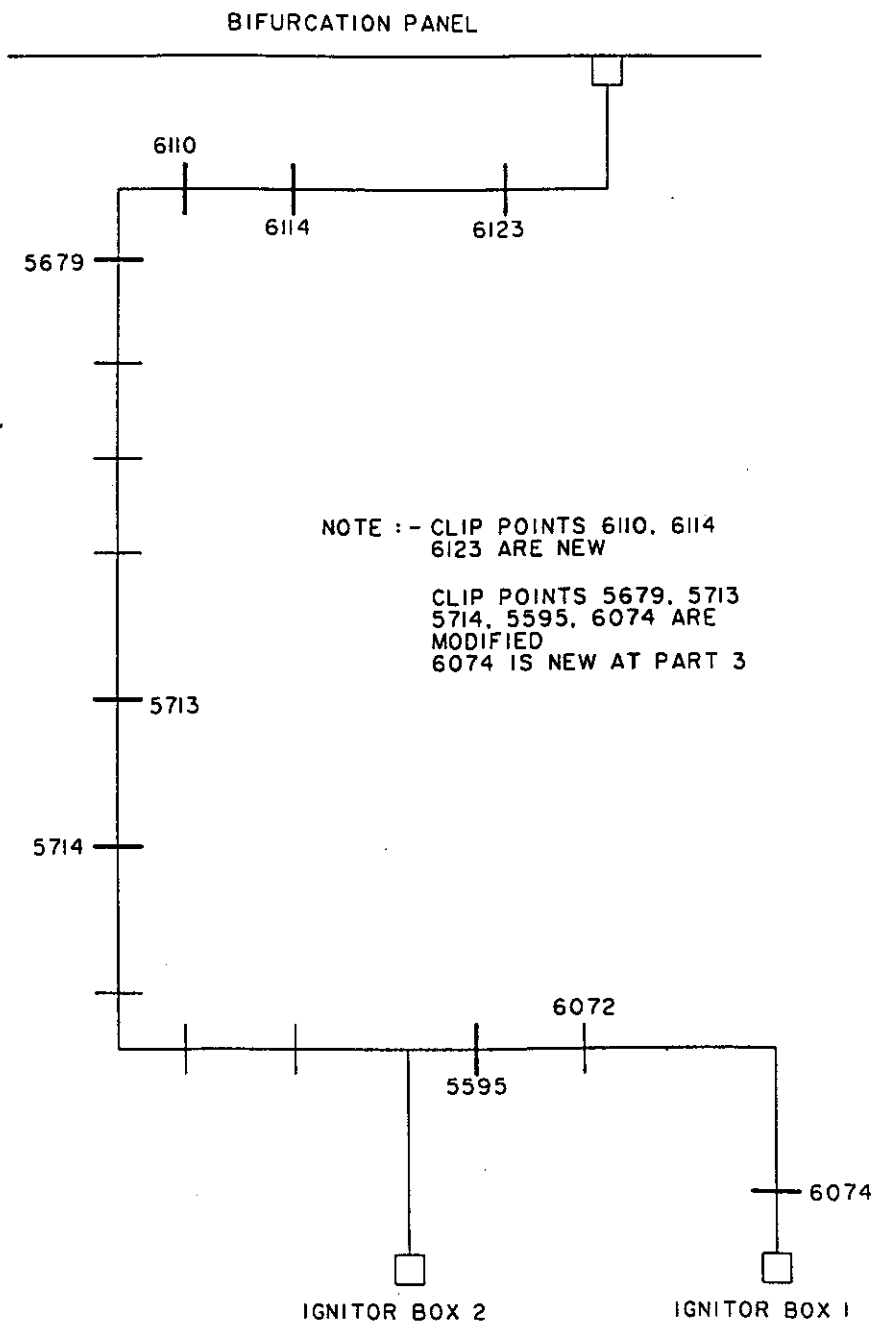


SCHEMATIC VIEW OF CORE IGNITION HARNESS
BEFORE ALTERATION

Core ignition harness before alteration
Figure 82 sheet 1



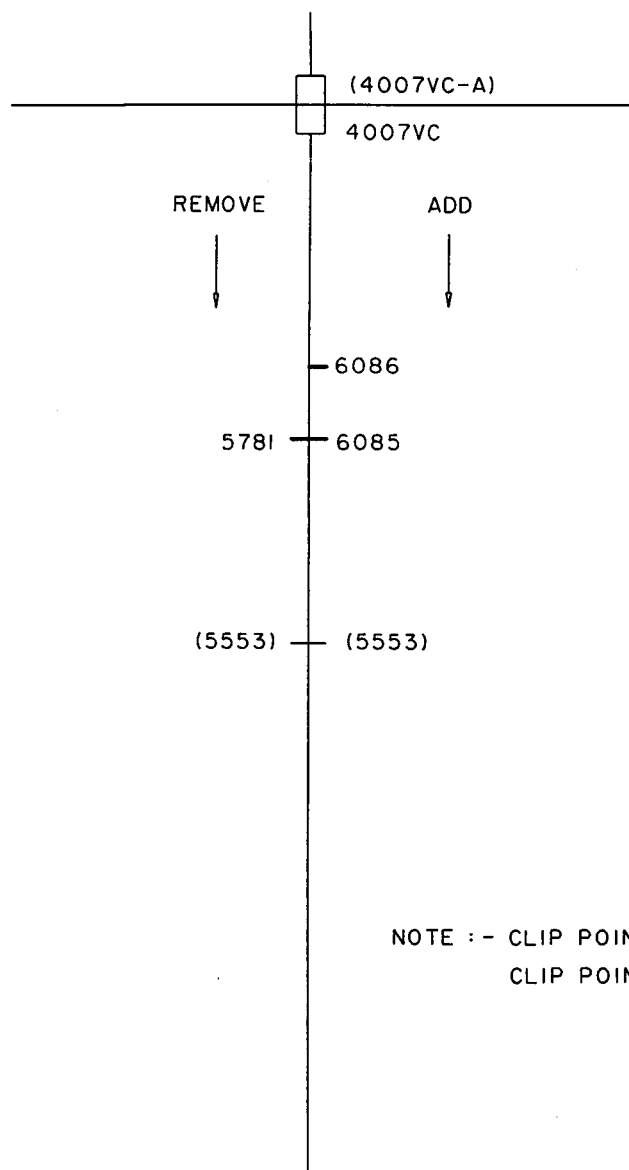
Core ignition harness before alteration
Figure 82 sheet 2



SCHEMATIC VIEW OF CORE IGNITION HARNESS
AFTER ALTERATION

Core ignition harness after alteration
Figure 82 sheet 3

dem0001501



NOTE :- CLIP POINT 5781 IS DELETED
CLIP POINTS 6085, 6086 ARE NEW

PART SCHEMATIC VIEW OF EXHAUST GAS THERMOCOUPLE HARNESS

ded0005159

Core exhaust gas thermocouple harness before/after alteration
Figure 83

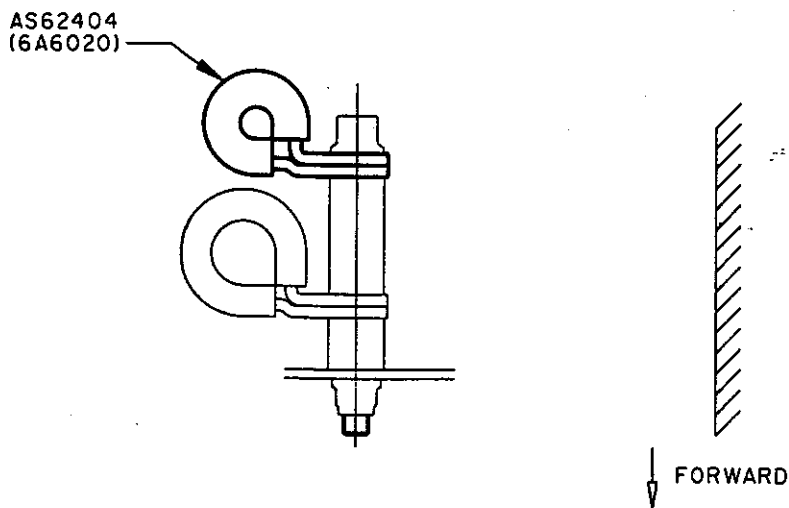
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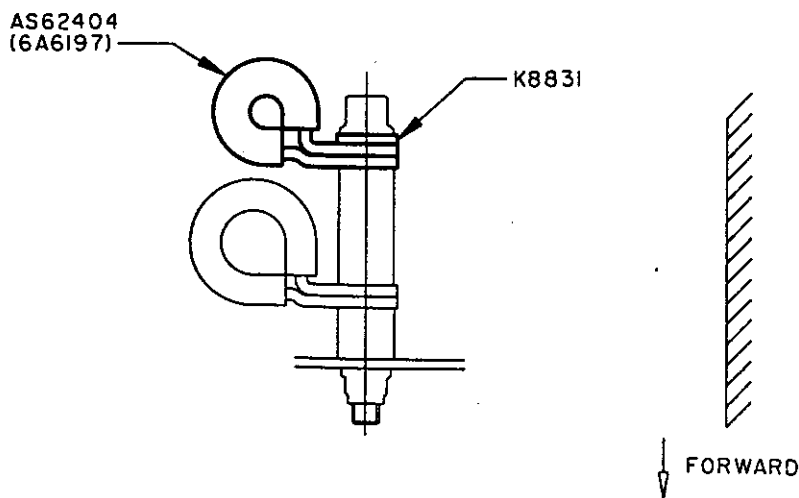
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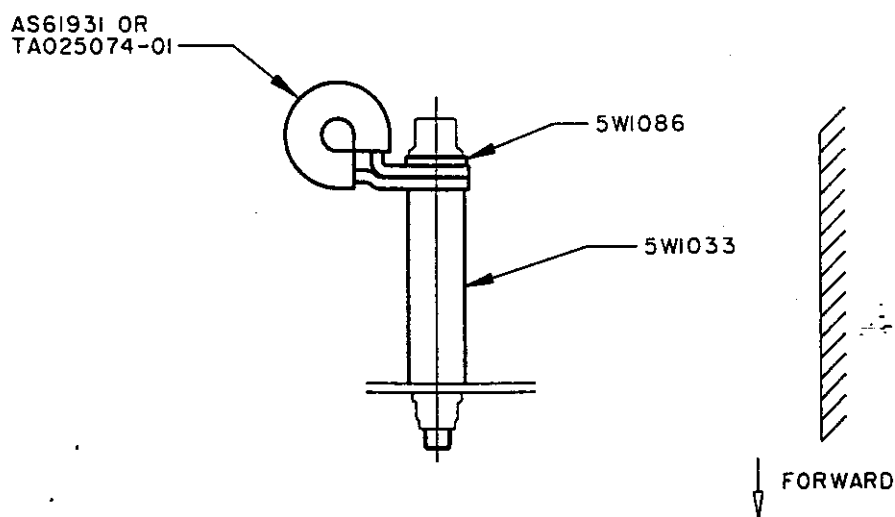
CLIP POINT 5595 BEFORE ALTERATION



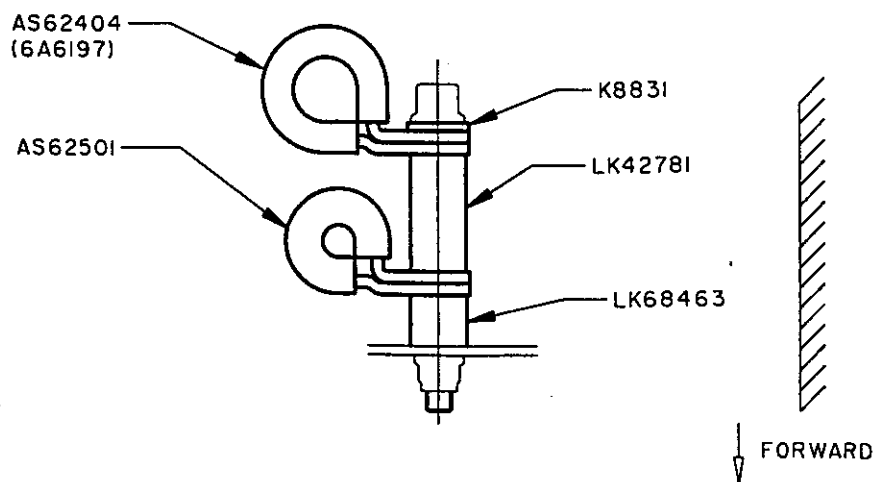
CLIP POINT 5595 AFTER ALTERATION

Core clip position 5595 before/after alteration
Figure 84 sheet 1

dem0001503

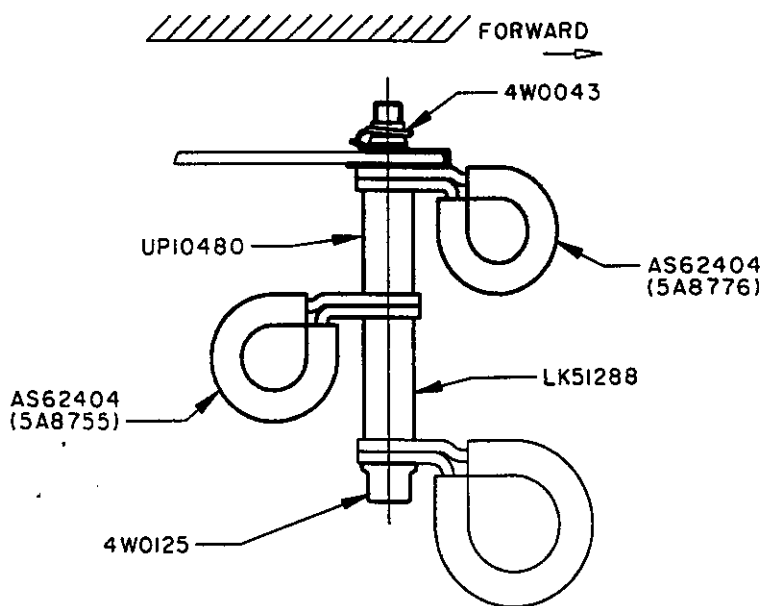


CLIP POINT 5595 BEFORE ALTERATION

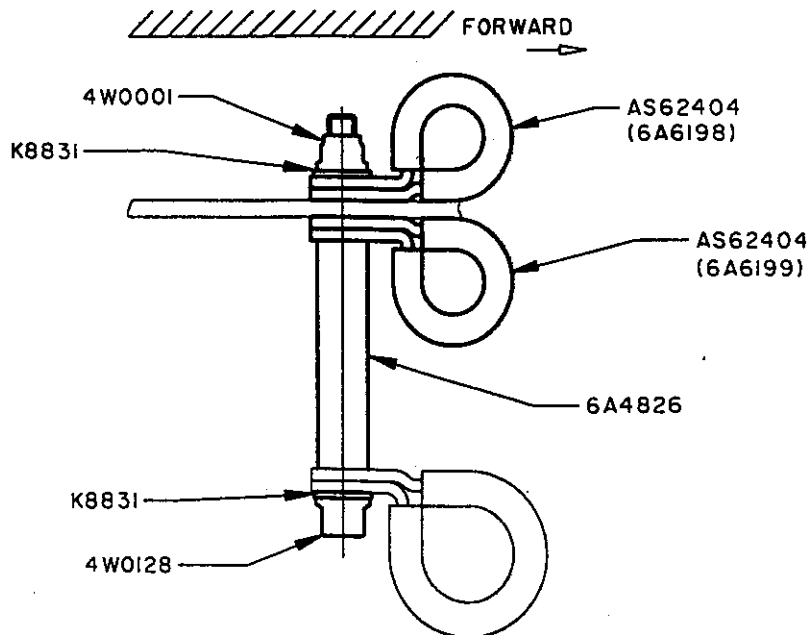


CLIP POINT 5595 AFTER ALTERATION

Core clip position 5595 before/after alteration
Figure 84 sheet 2



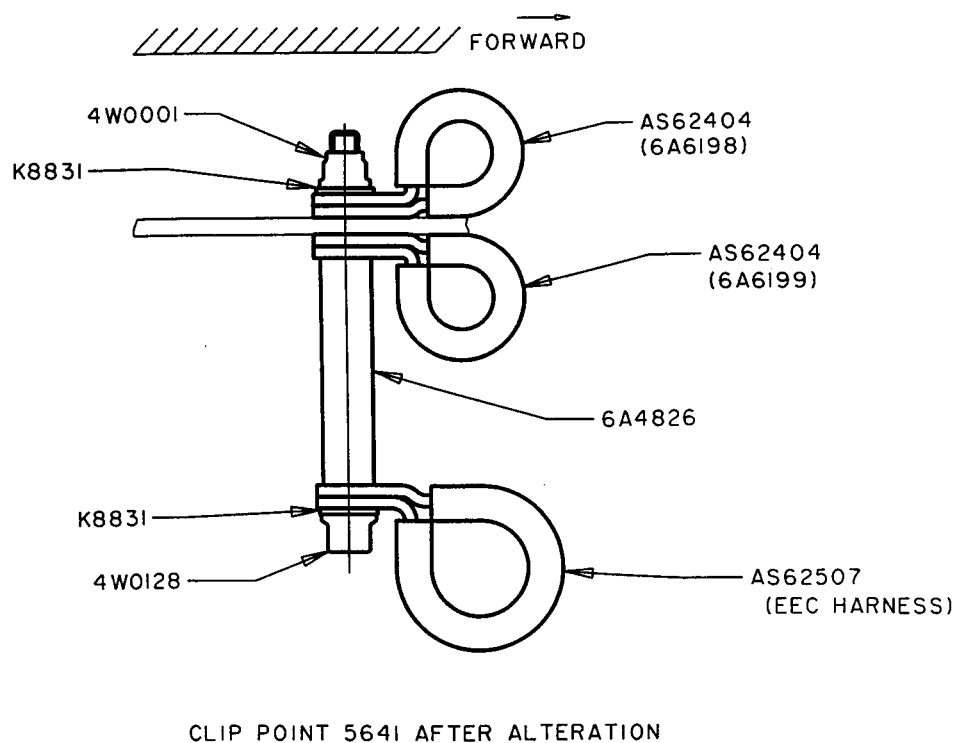
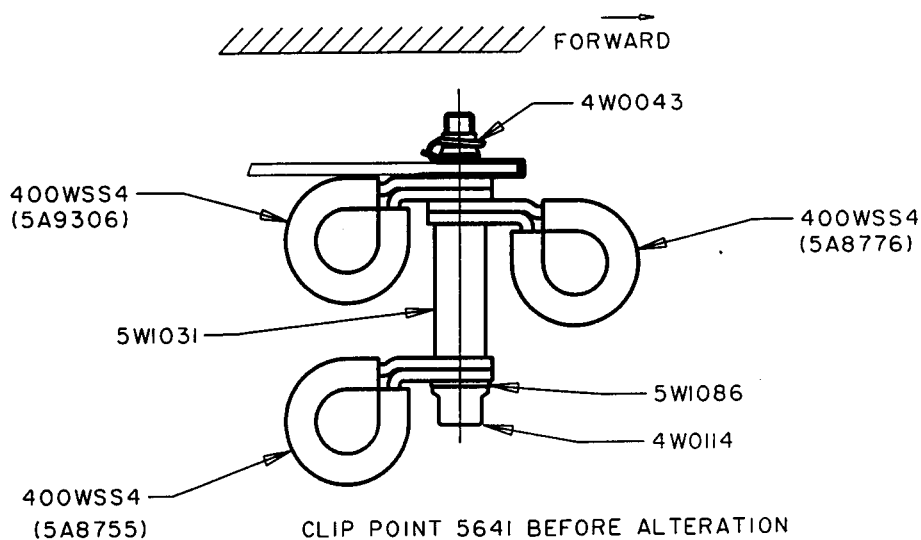
CLIP POINT 5641 BEFORE ALTERATION



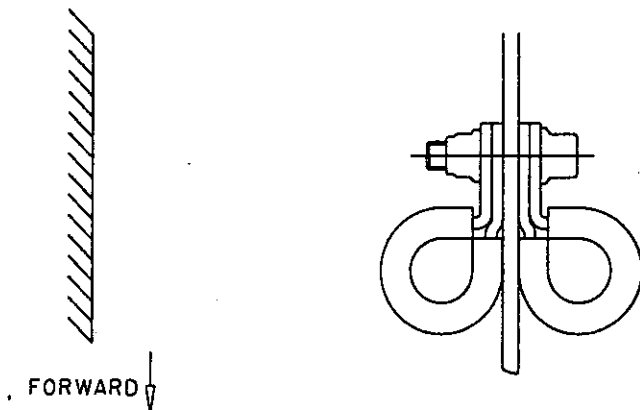
CLIP POINT 5641 AFTER ALTERATION

Core clip position 5641 before/after alteration
Figure 85 sheet 1

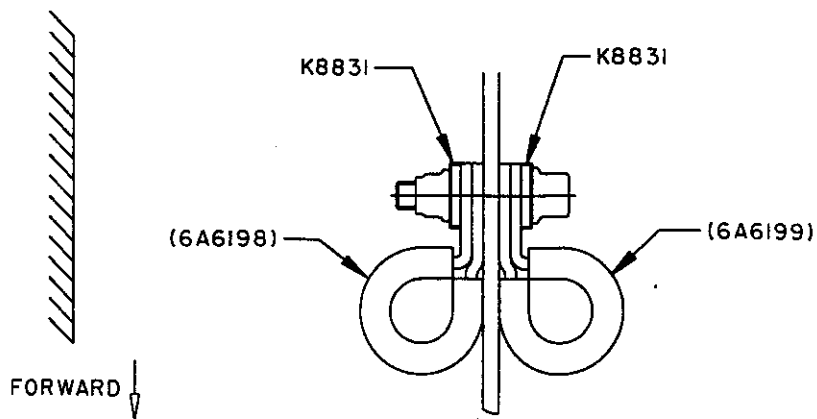
dem0001504



Core clip position 5641 before/after alteration
Figure 85 sheet 2



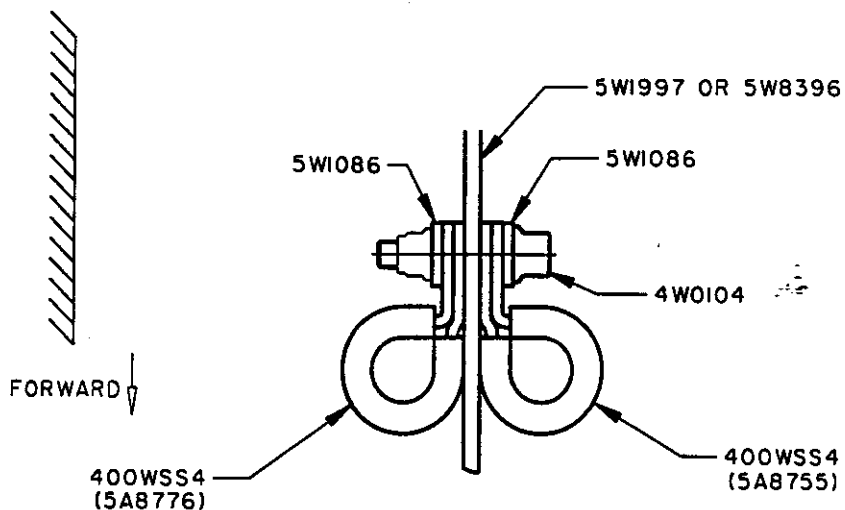
CLIP POINT 5643 BEFORE ALTERATION



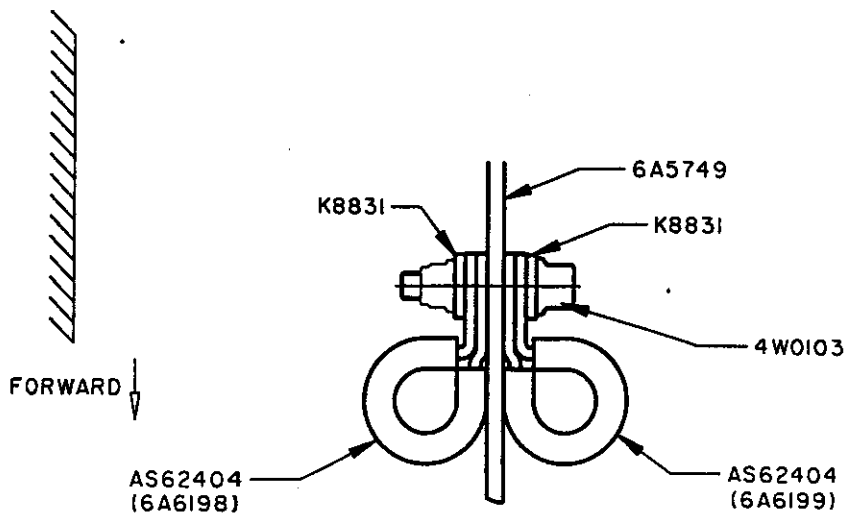
CLIP POINT 5643 AFTER ALTERATION

Core clip position 5643 before/after alteration
Figure 86 sheet 1

dem0001505



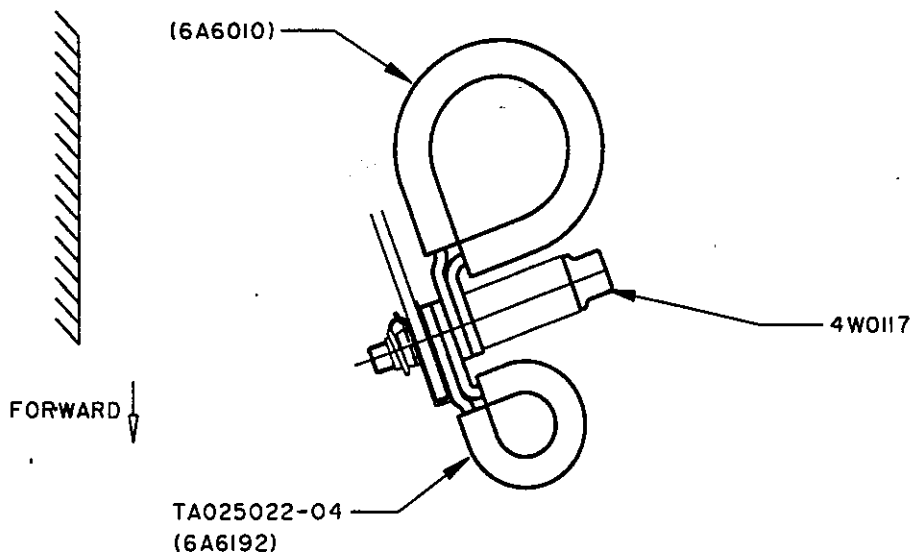
CLIP POINT 5643 BEFORE ALTERATION



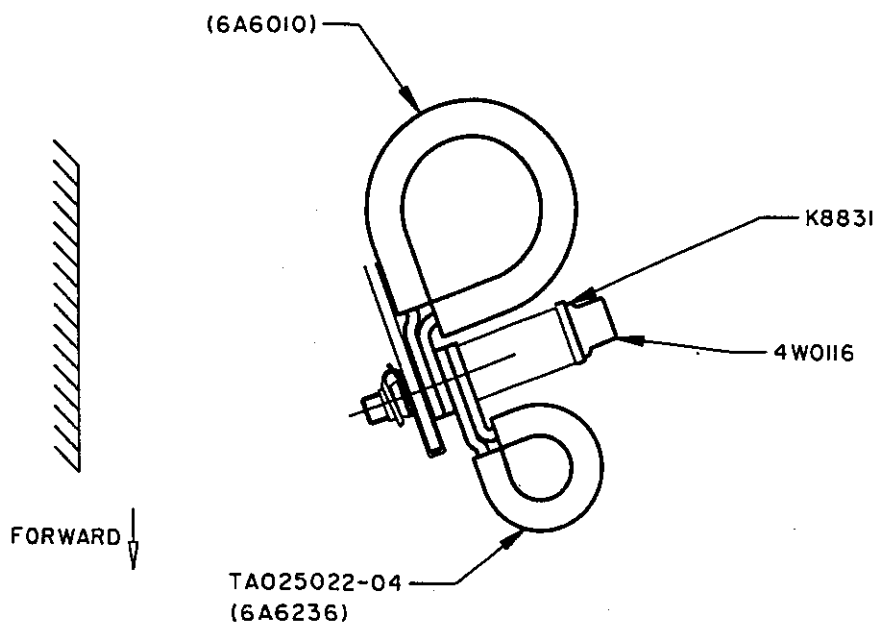
CLIP POINT 5643 AFTER ALTERATION

Core clip position 5643 before/after alteration
Figure 86 sheet 2

dem0001650



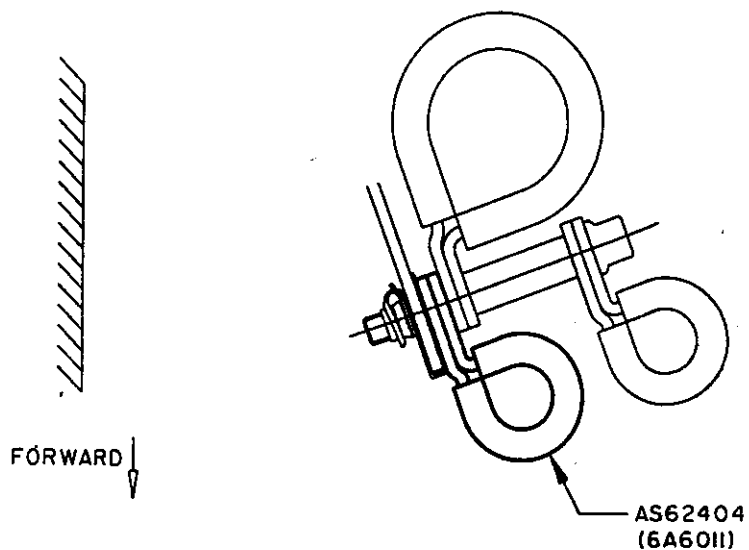
CLIP POINT 5647 BEFORE ALTERATION



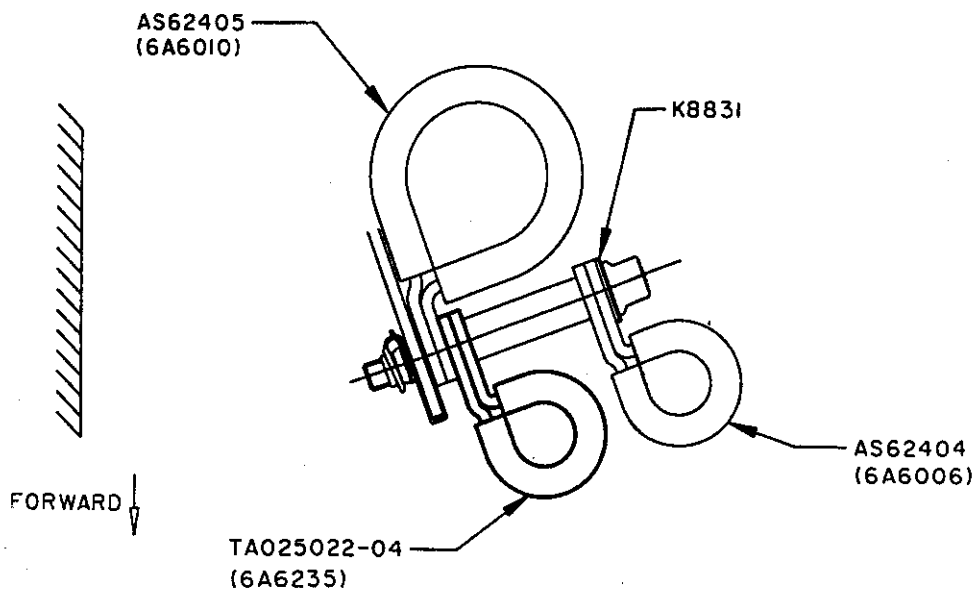
CLIP POINT 5647 AFTER ALTERATION

Core clip position 5647 before/after alteration
Figure 87 sheet 1

dem0001506

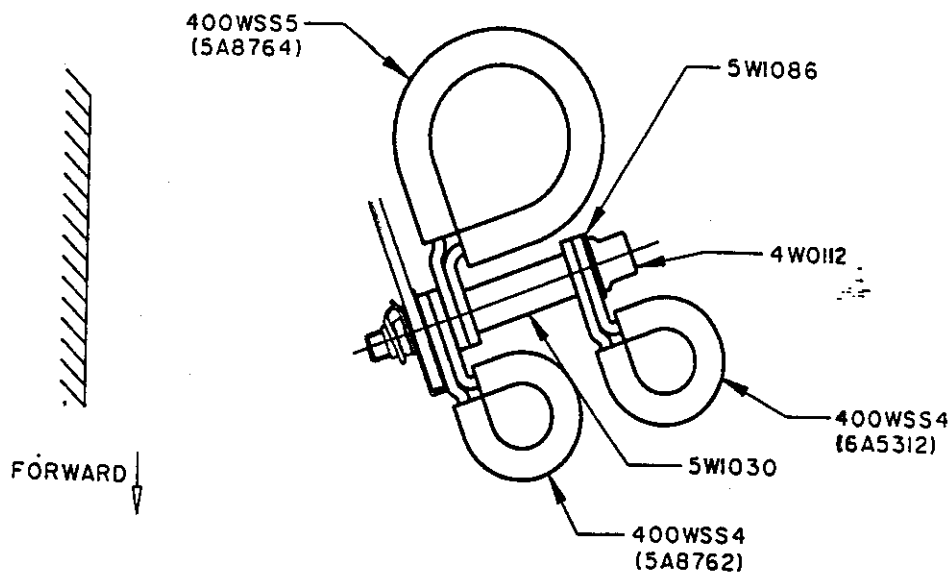


CLIP POINT 5647 BEFORE ALTERATION

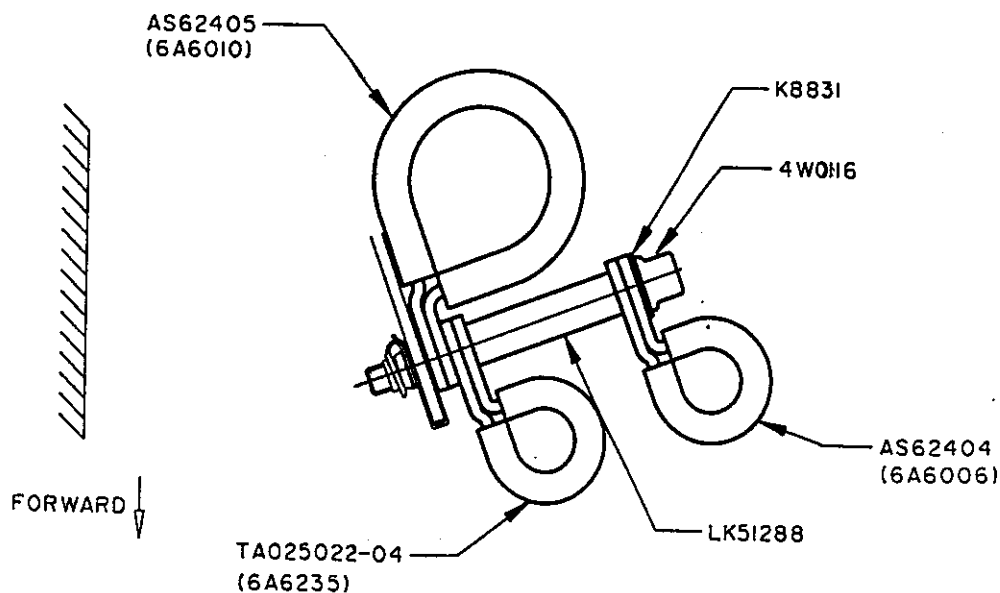


CLIP POINT 5647 AFTER ALTERATION

Core clip position 5647 before/after alteration
Figure 87 sheet 2



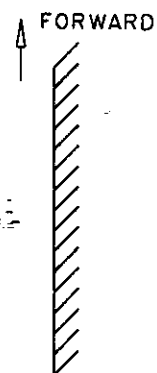
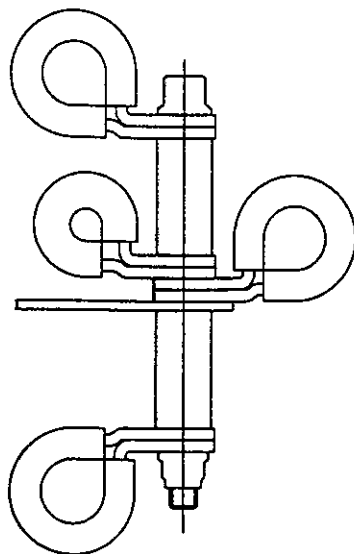
CLIP POINT 5647 BEFORE ALTERATION



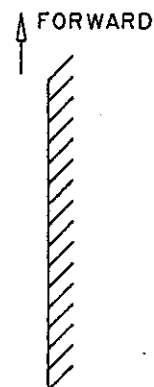
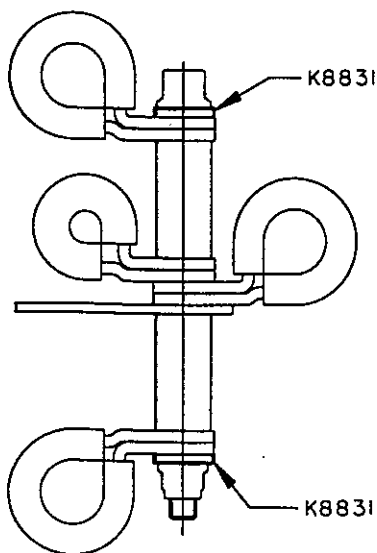
CLIP POINT 5647 AFTER ALTERATION

Core clip position 5647 before/after alteration
Figure 87 sheet 3

dem0001652



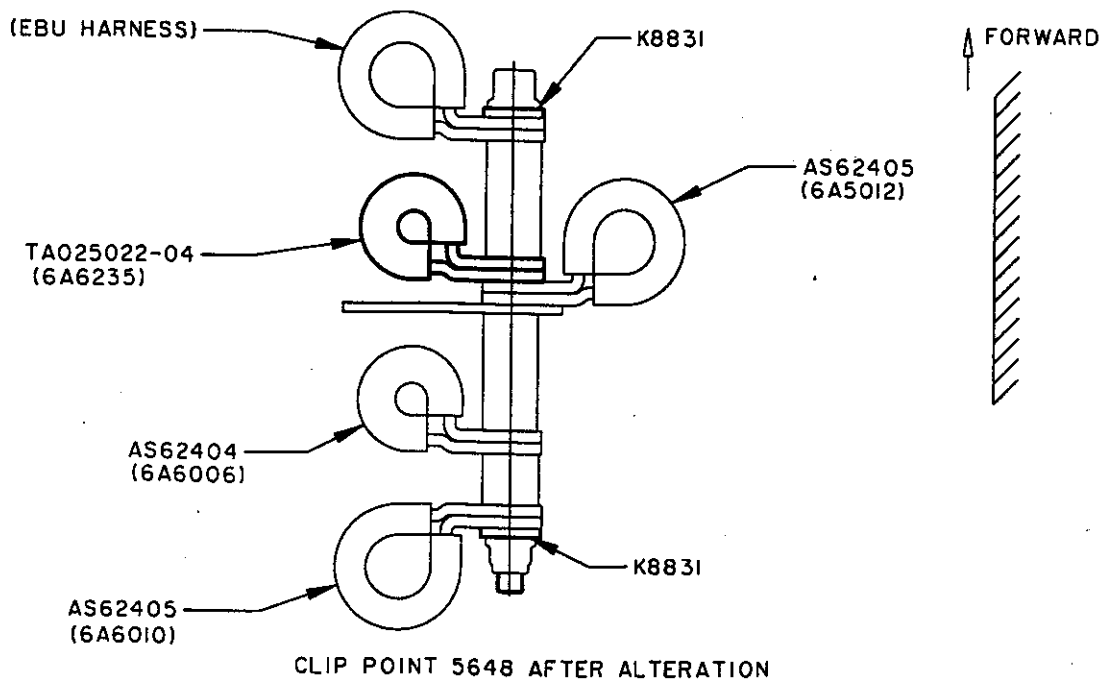
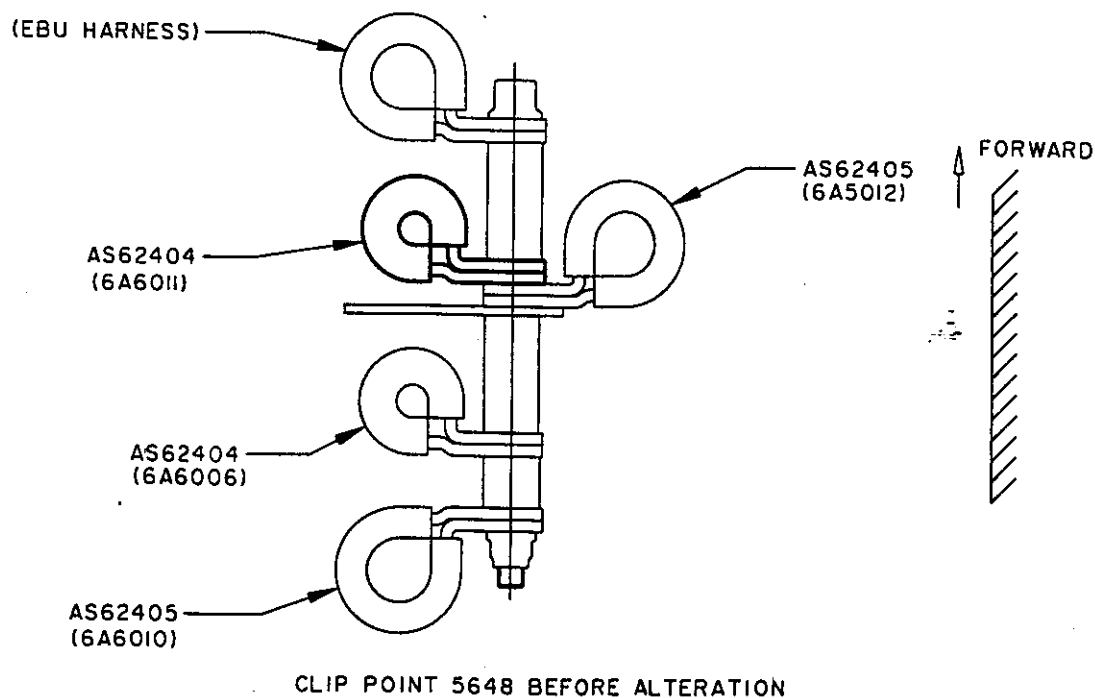
CLIP POINT 5648 BEFORE ALTERATION



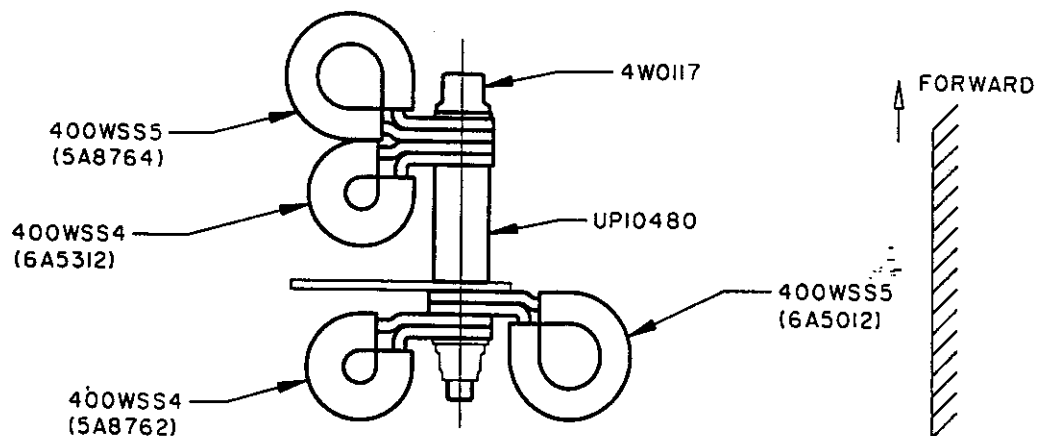
CLIP POINT 5648 AFTER ALTERATION

Core clip position 5648 before/after alteration
Figure 88 sheet 1

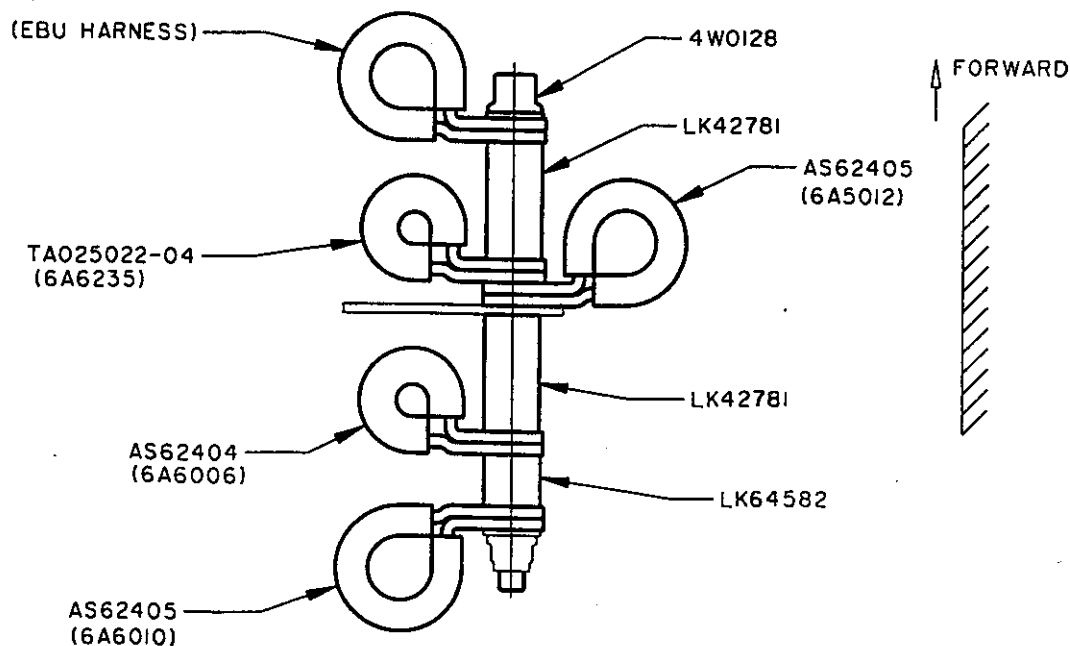
dem0001507



Core clip position 5648 before/after alteration
Figure 88 sheet 2



CLIP POINT 5648 BEFORE ALTERATION



CLIP POINT 5648 AFTER ALTERATION

Core clip position 5648 before/after alteration
Figure 88 sheet 3



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Figure 89

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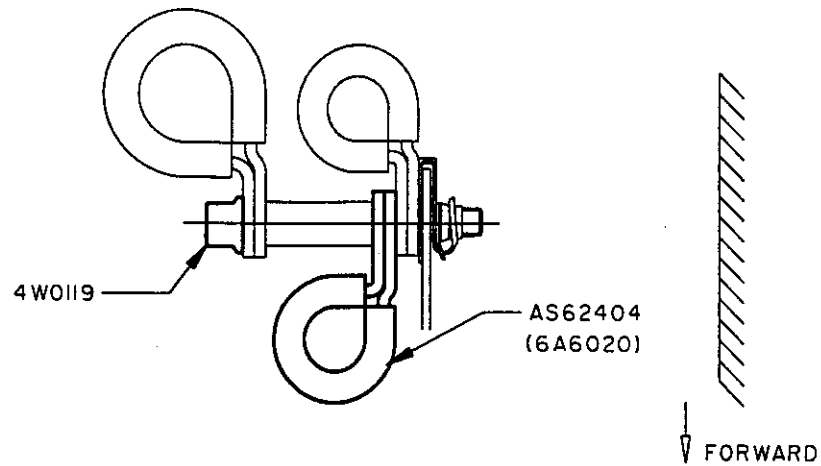
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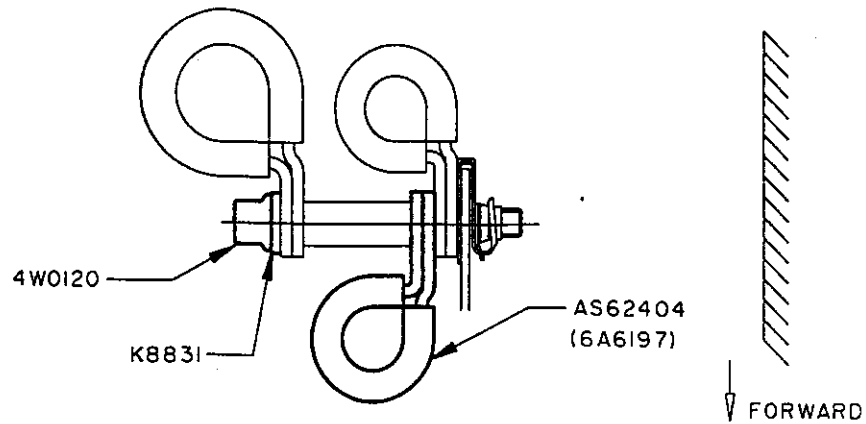
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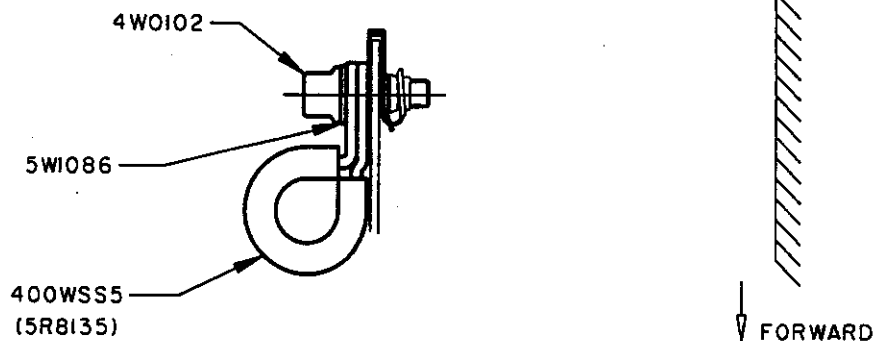


CLIP POINT 5659 BEFORE ALTERATION

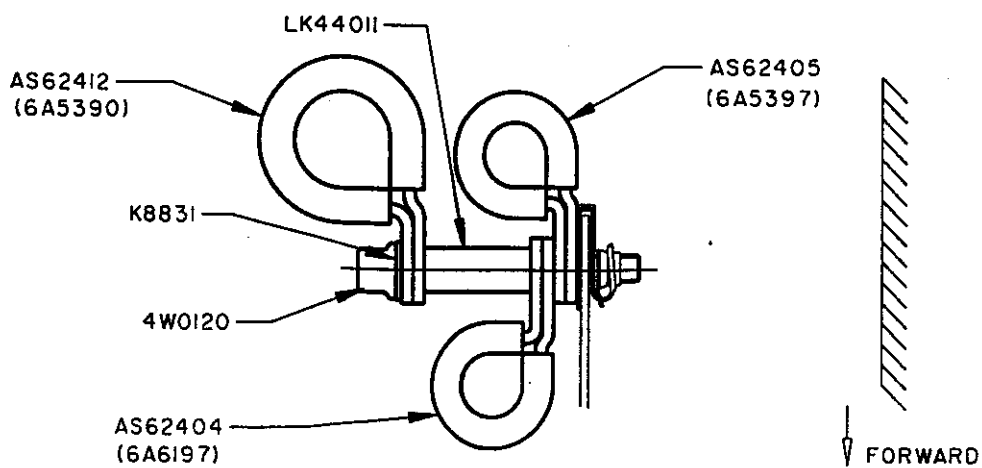


CLIP POINT 5659 AFTER ALTERATION

Core clip position 5659 before/after alteration
Figure 90 sheet 1



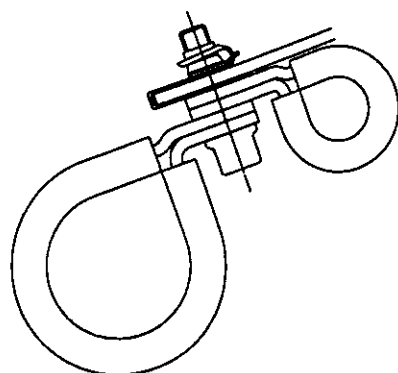
CLIP POINT 5659 BEFORE ALTERATION



CLIP POINT 5659 AFTER ALTERATION

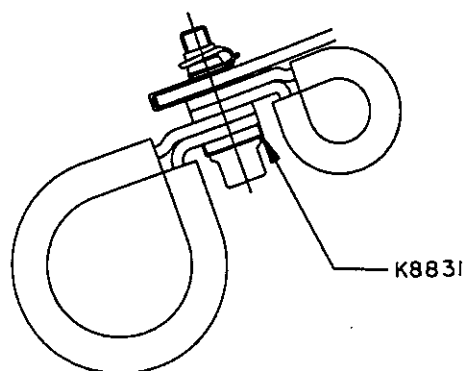
Core clip position 5659 before/after alteration
Figure 90 sheet 2

dem0001655



LOOKING FORWARD

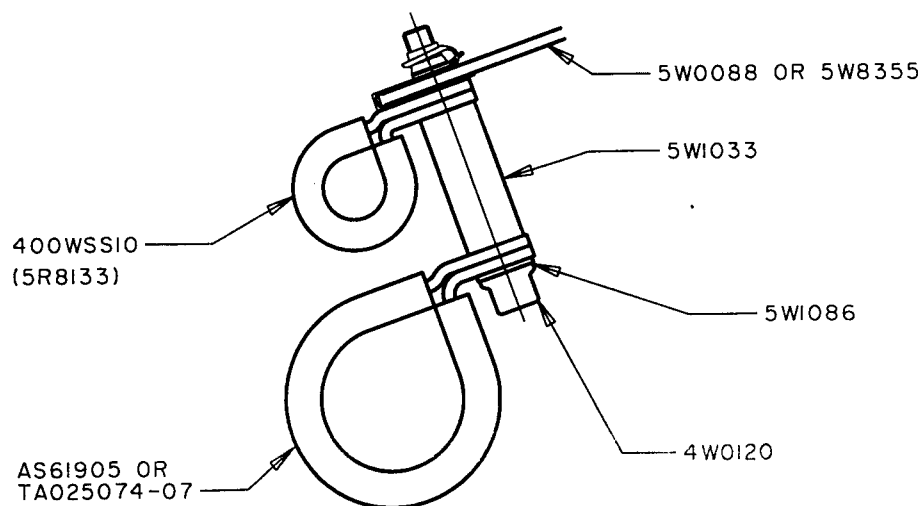
CLIP POINT 5660 BEFORE ALTERATION



LOOKING FORWARD

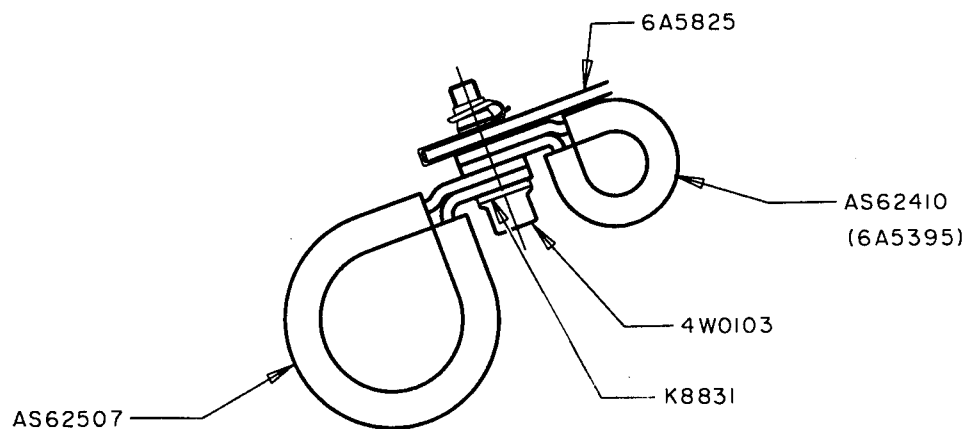
CLIP POINT 5660 AFTER ALTERATION

Core clip position 5660 before/after alteration
Figure 91 sheet 1



LOOKING FORWARD

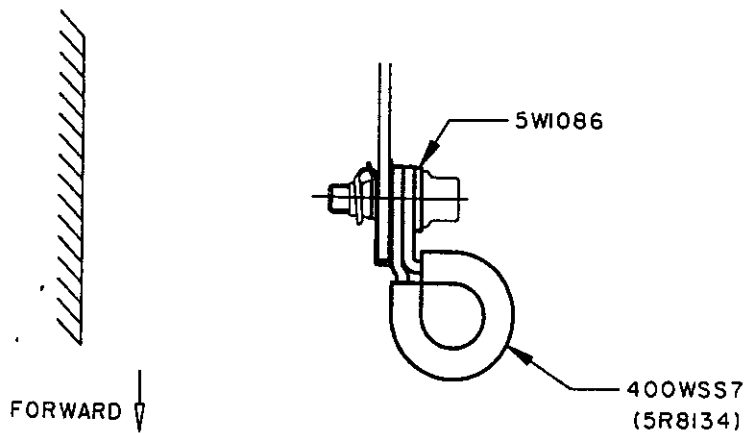
CLIP POINT 5660 BEFORE ALTERATION



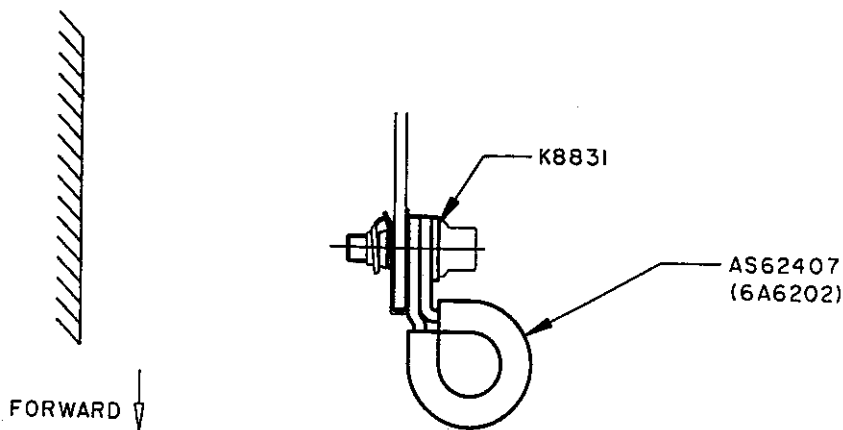
LOOKING FORWARD

CLIP POINT 5660 AFTER ALTERATION

Core clip position 5660 before/after alteration
Figure 91 sheet 2

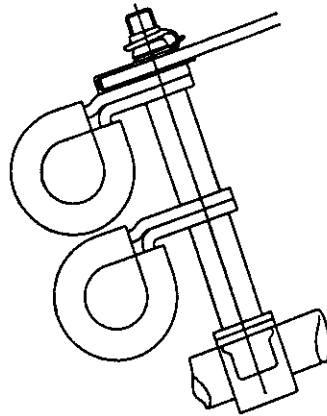


CLIP POINT 5664 BEFORE ALTERATION

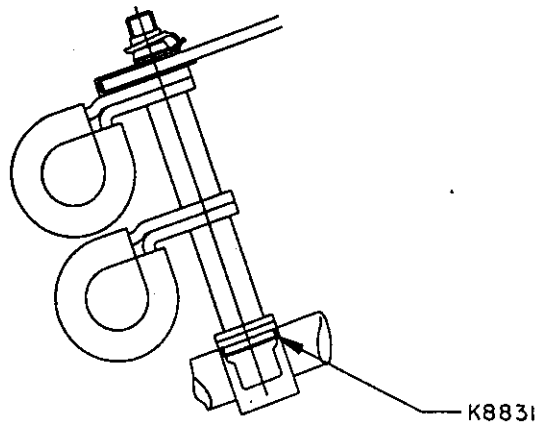


CLIP POINT 5664 AFTER ALTERATION

Core clip position 5664 before/after alteration
Figure 92



LOOKING FORWARD
CLIP POINT 5668 BEFORE ALTERATION



LOOKING FORWARD
CLIP POINT 5668 AFTER ALTERATION

Core clip position 5668 before/after alteration
Figure 93 sheet 1

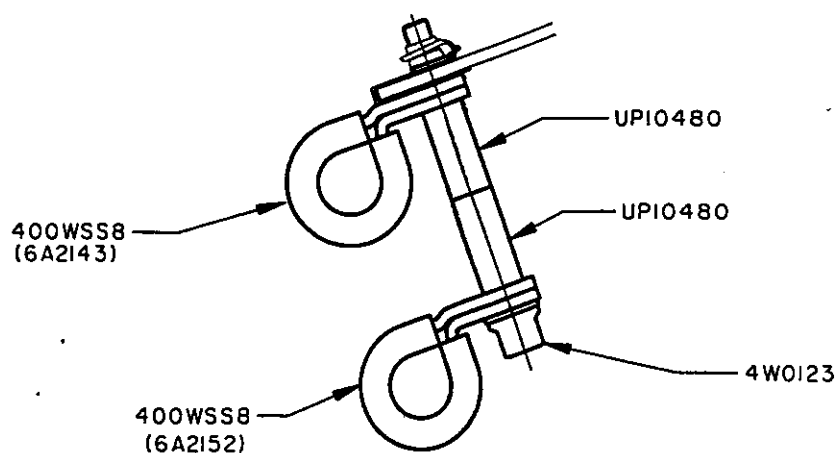
dem00001511

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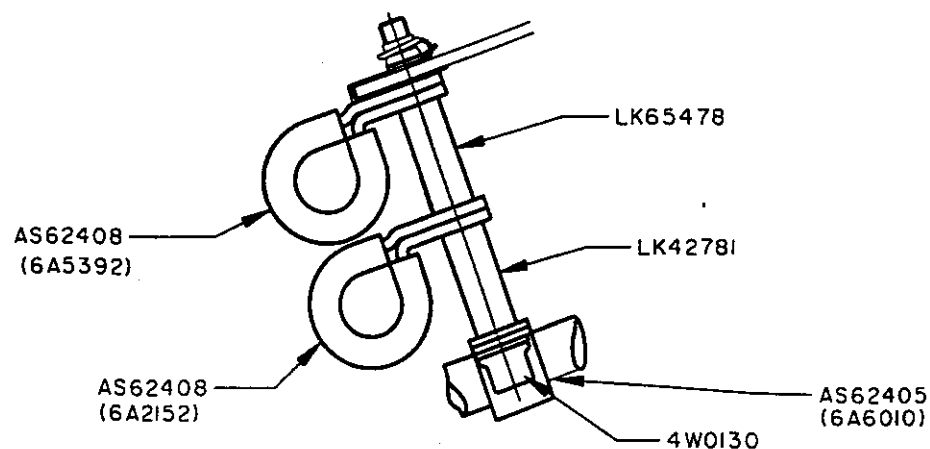
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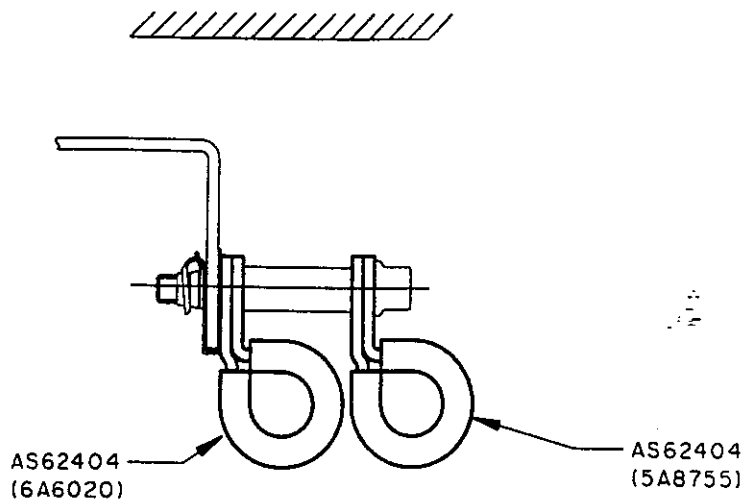


LOOKING FORWARD
CLIP POINT 5668 BEFORE ALTERATION

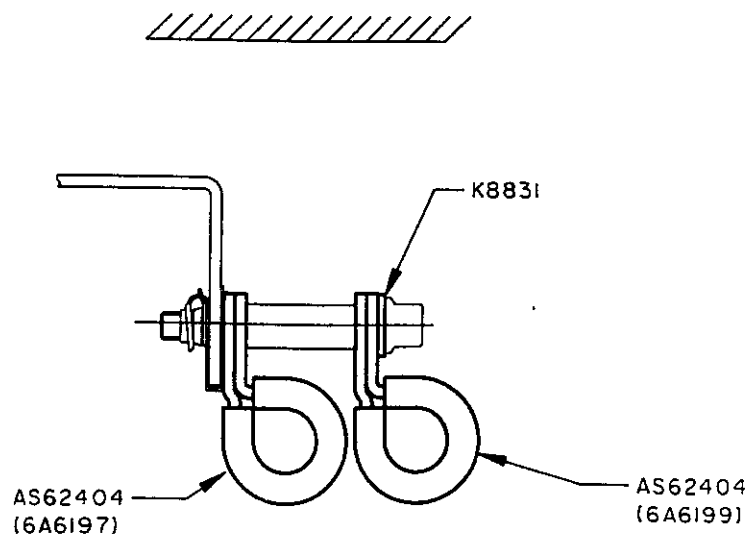


LOOKING FORWARD
CLIP POINT 5668 AFTER ALTERATION

Core clip position 5668 before/after alteration
Figure 93 sheet 2



CLIP POINT 5675 BEFORE ALTERATION

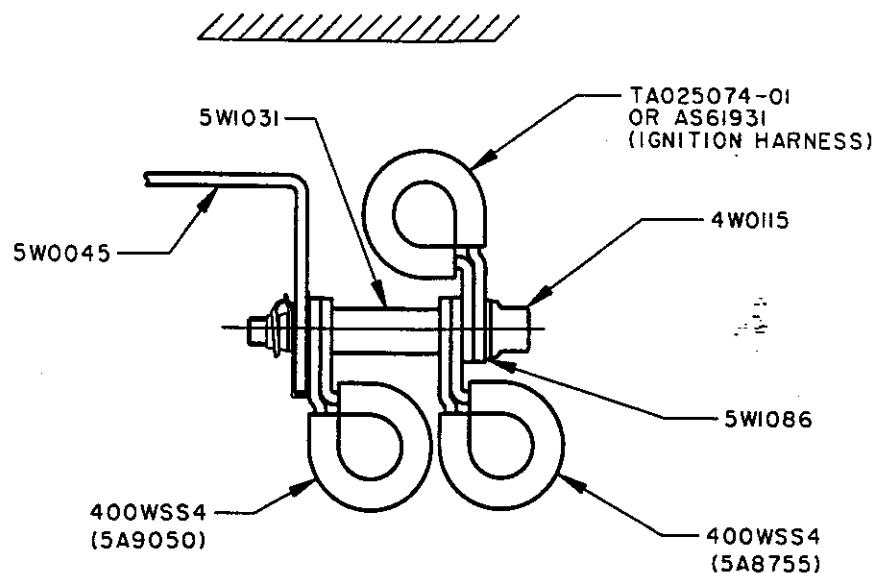


CLIP POINT 5675 AFTER ALTERATION

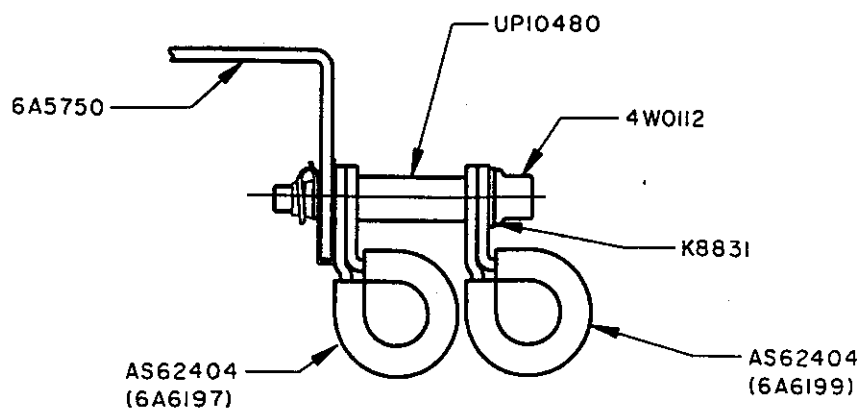
Core clip position 5675 before/after alteration
Figure 94 sheet 1

dem0001512

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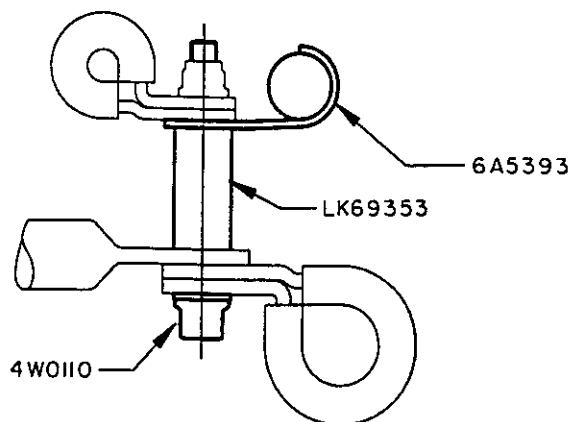
CLIP POINT 5675 BEFORE ALTERATION



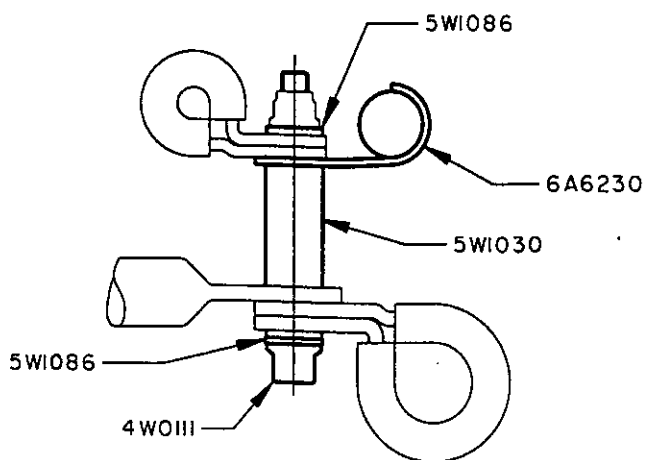
CLIP POINT 5675 AFTER ALTERATION

Core clip position 5675 before/after alteration
Figure 94 sheet 2

dem0001660



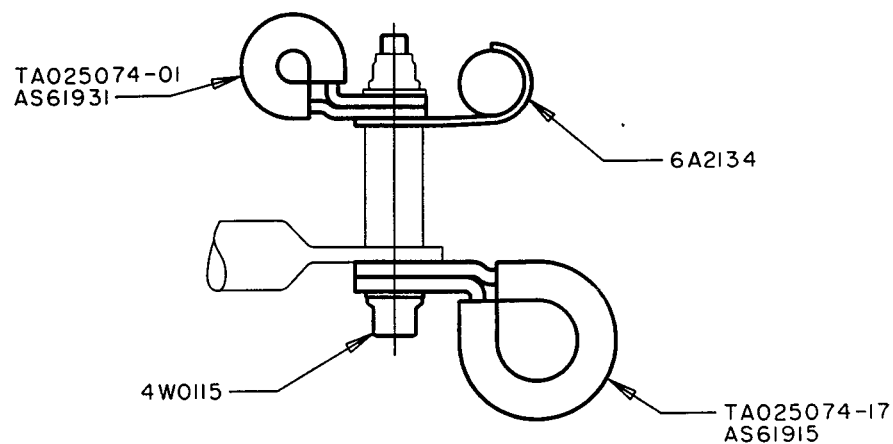
LOOKING FORWARD
CLIP POINT 5679 BEFORE ALTERATION



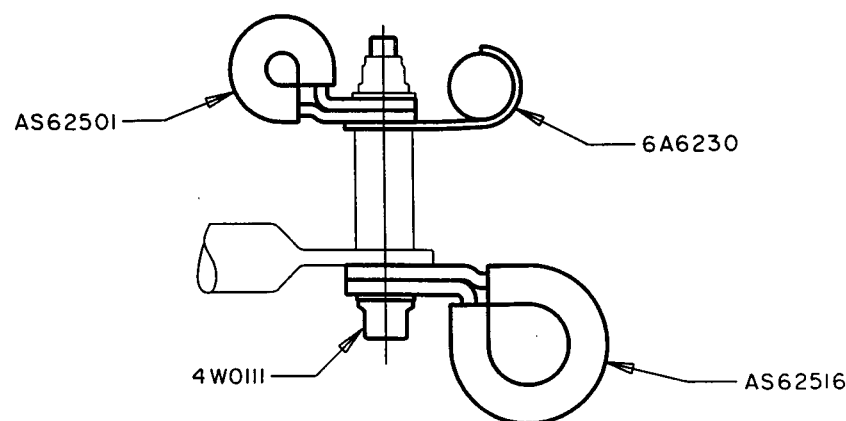
LOOKING FORWARD
CLIP POINT 5679 AFTER ALTERATION

Core clip position 5679 before/after alteration
Figure 95 sheet 1

dem0001513

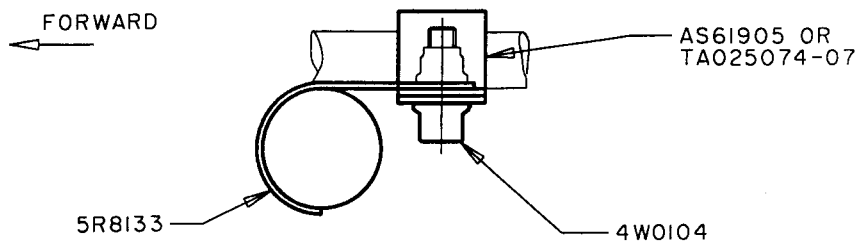


LOOKING FORWARD
CLIP POINT 5679 BEFORE ALTERATION

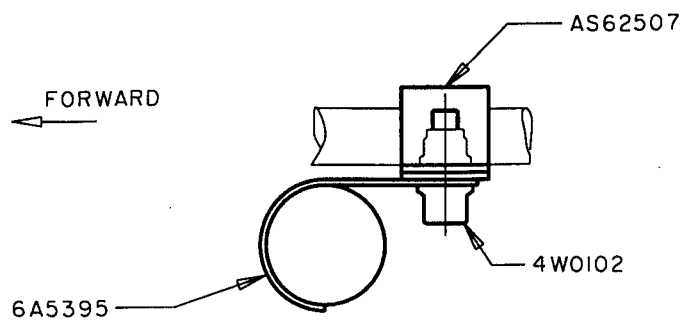


LOOKING FORWARD
CLIP POINT 5679 AFTER ALTERATION

Core clip position 5679 before/after alteration
Figure 95 sheet 2



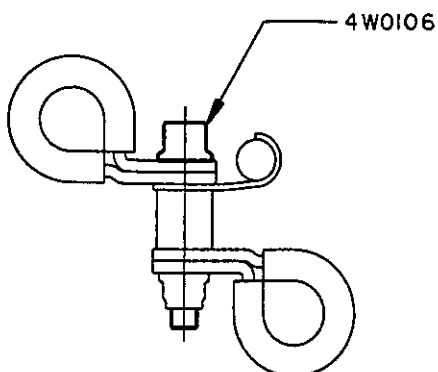
CLIP POINT 57II BEFORE ALTERATION



CLIP POINT 57II AFTER ALTERATION

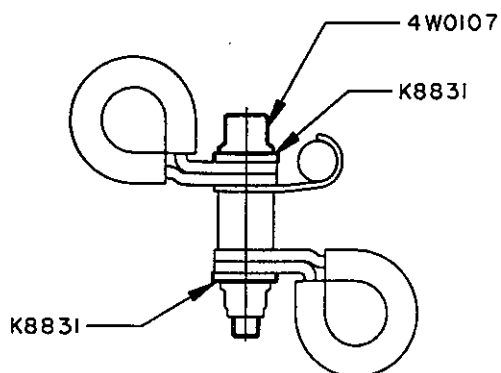
Core clip position 5711 before/after alteration
Figure 96

dem0001662a



LOOKING FORWARD

CLIP POINT 5713 BEFORE ALTERATION

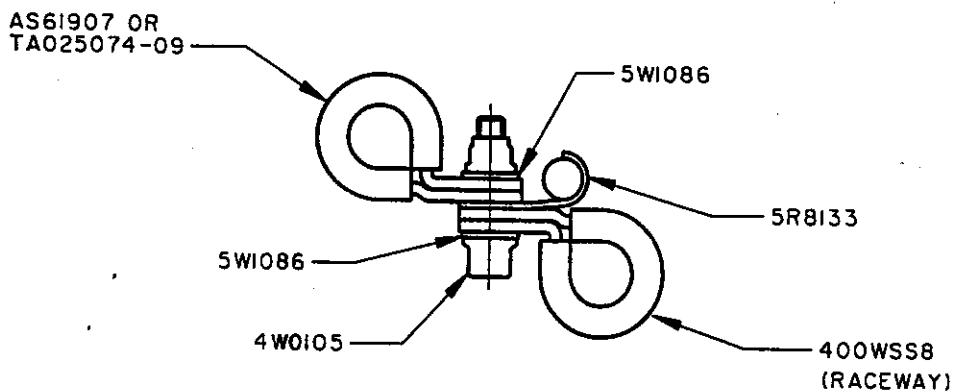


LOOKING FORWARD

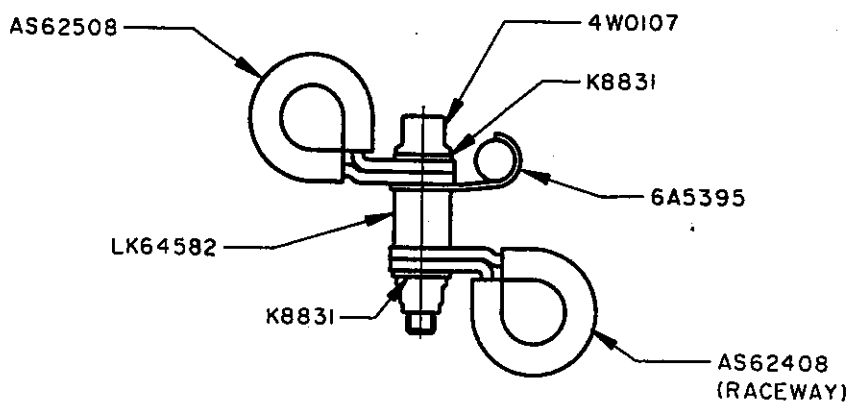
CLIP POINT 5713 AFTER ALTERATION

dem0001514

Core clip position 5713 before/after alteration
Figure 97 sheet 1



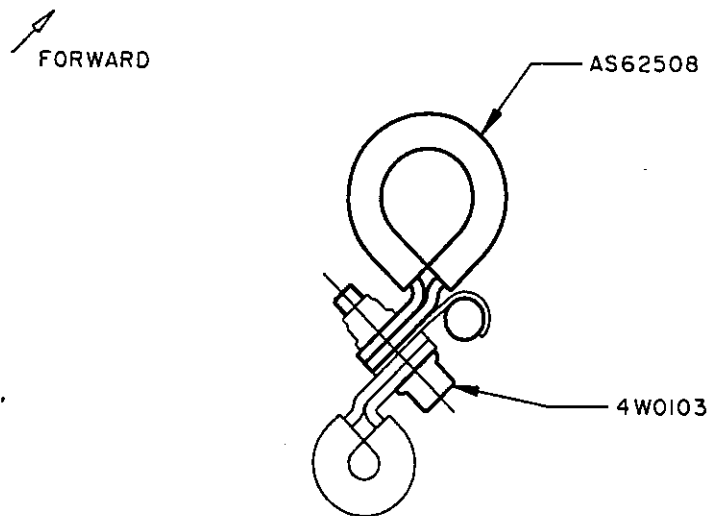
LOOKING FORWARD
CLIP POINT 5713 BEFORE ALTERATION



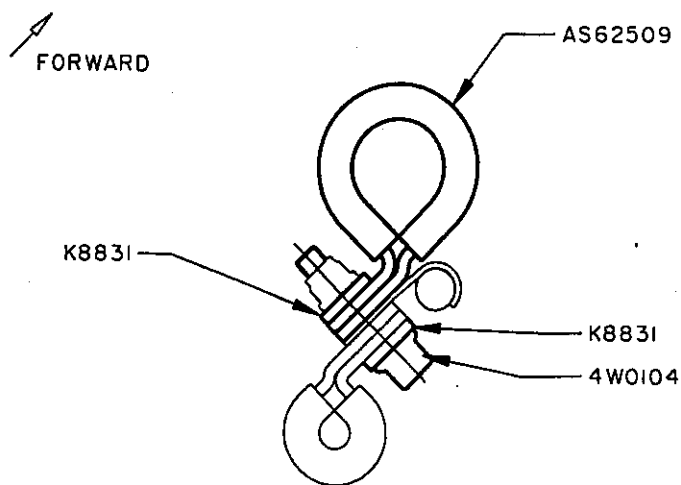
LOOKING FORWARD
CLIP POINT 5713 AFTER ALTERATION

Core clip position 5713 before/after alteration
Figure 97 sheet 2

dem0001663



CLIP POINT 5714 BEFORE ALTERATION



CLIP POINT 5714 AFTER ALTERATION

Core clip position 5714 before/after alteration
Figure 98 sheet 1

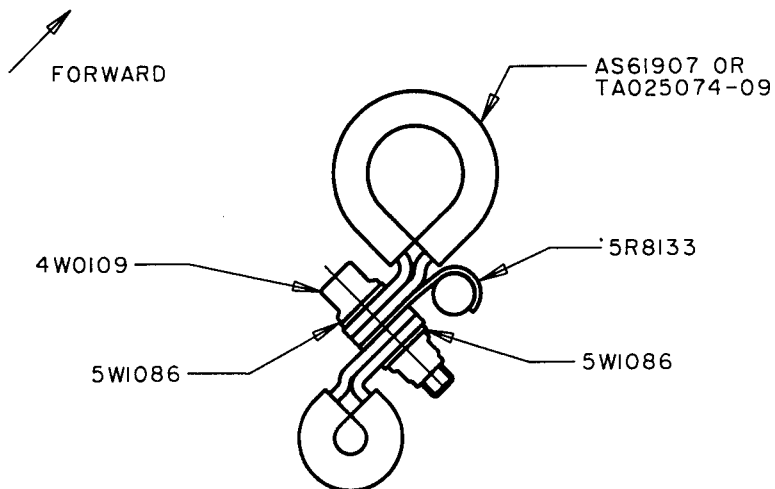
dem0001515

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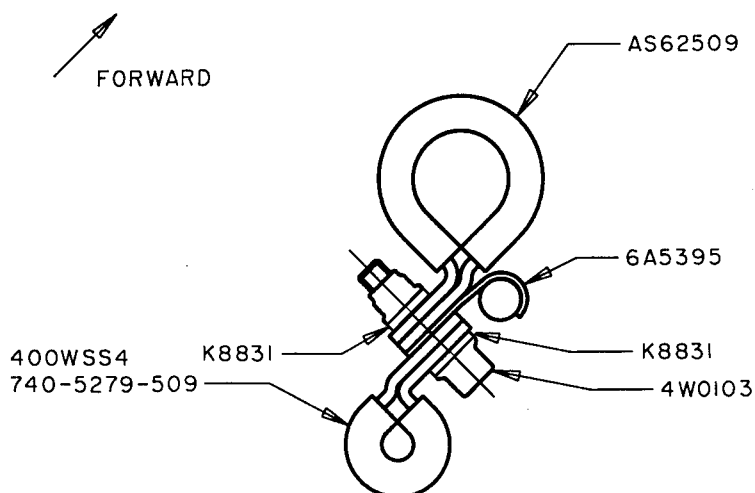
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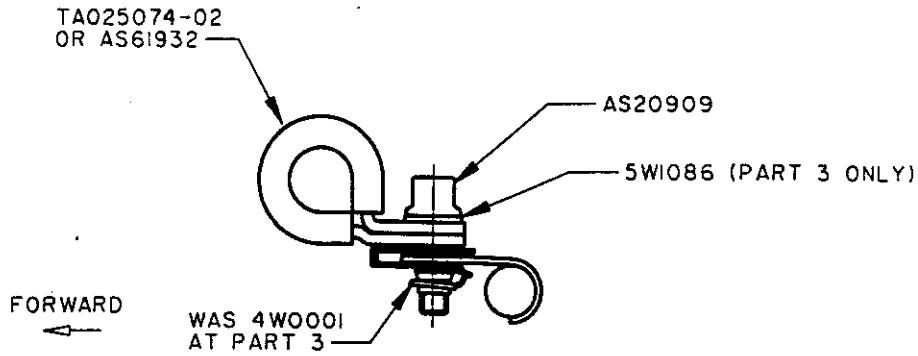
CLIP POINT 5714 BEFORE ALTERATION



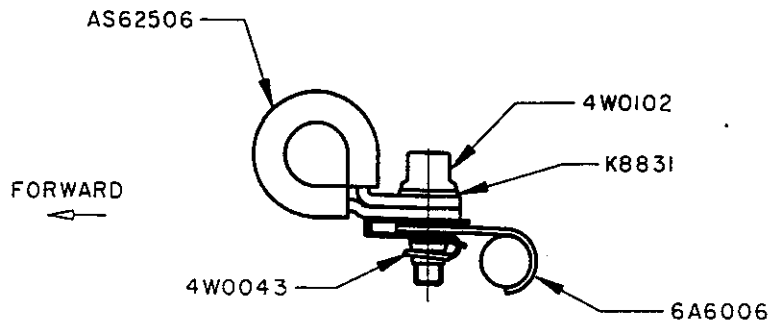
CLIP POINT 5714 AFTER ALTERATION

Core clip position 5714 before/after alteration
Figure 98 sheet 2

dem0001664

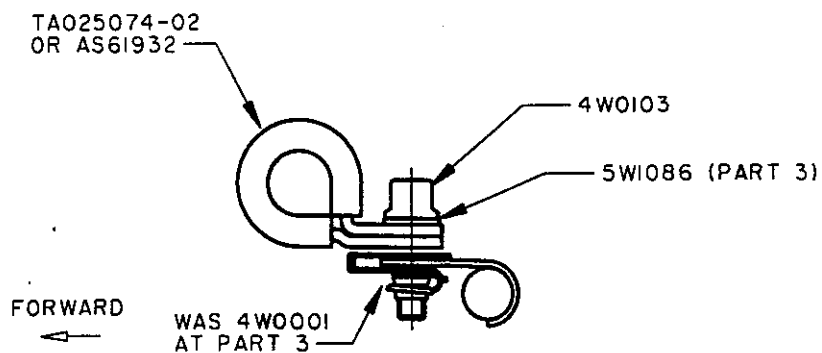


CLIP POINT 5763 BEFORE ALTERATION

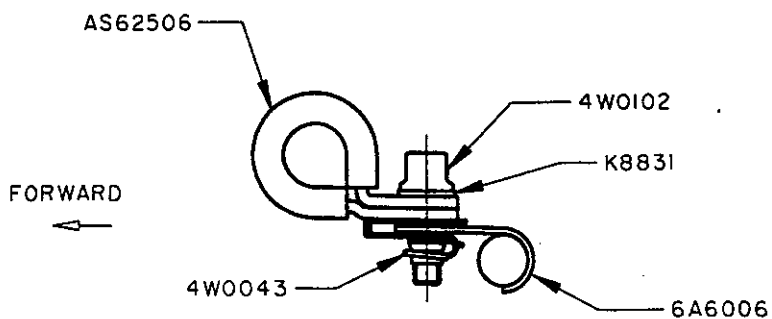


CLIP POINT 5763 AFTER ALTERATION

Core clip position 5763 before/after alteration
Figure 99

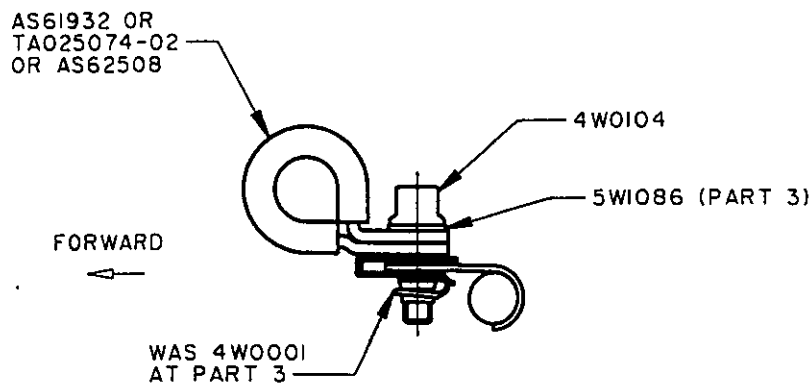


CLIP POINT 5764 BEFORE ALTERATION

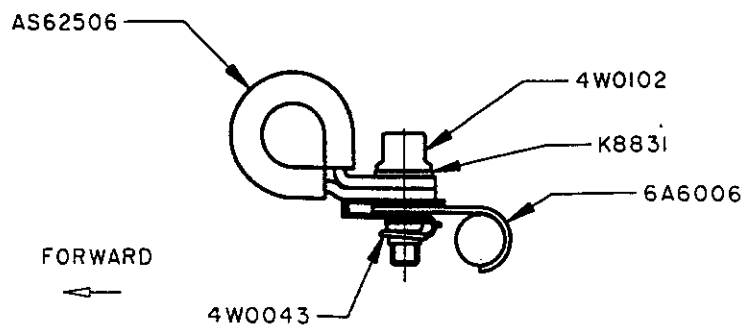


CLIP POINT 5764 AFTER ALTERATION

Core clip position 5764 before/after alteration
Figure 100

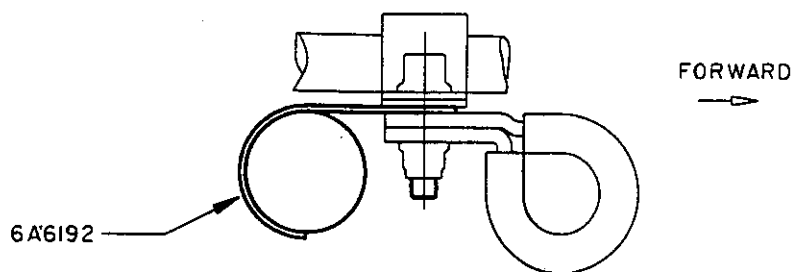


CLIP POINT 5765 BEFORE ALTERATION

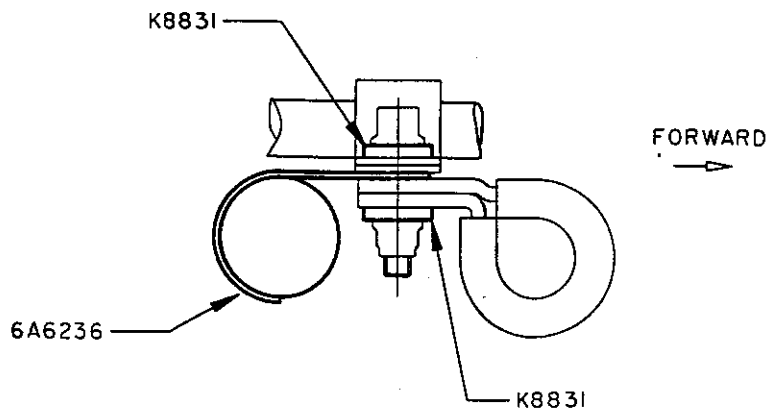


CLIP POINT 5765 AFTER ALTERATION

Core clip position 5765 before/after alteration
Figure 101



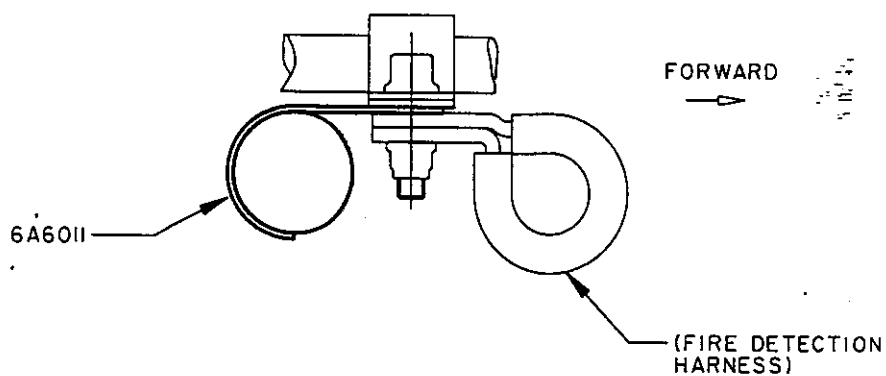
CLIP POINT 5766 BEFORE ALTERATION



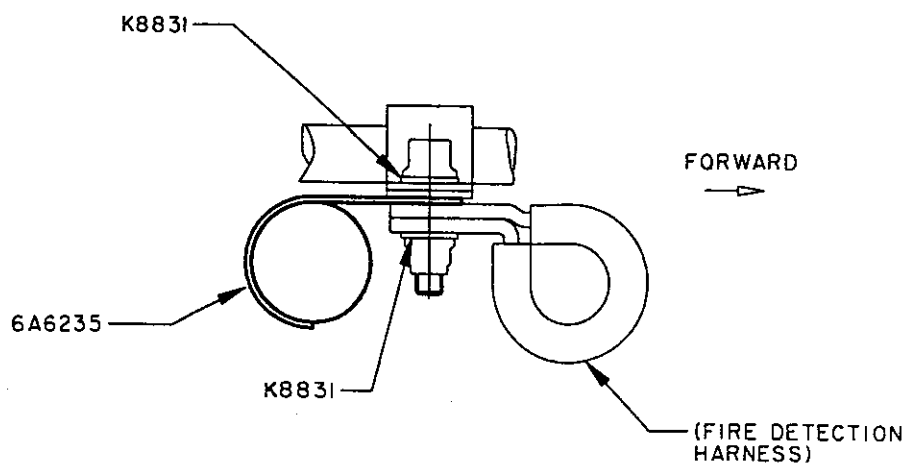
CLIP POINT 5766 AFTER ALTERATION

Core clip position 5766 before/after alteration
Figure 102 sheet 1

dem0001516

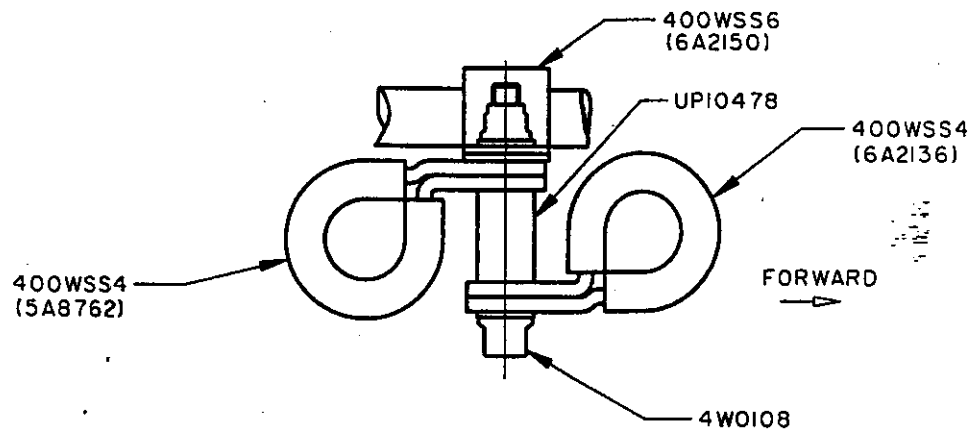


CLIP POINT 5766 BEFORE ALTERATION

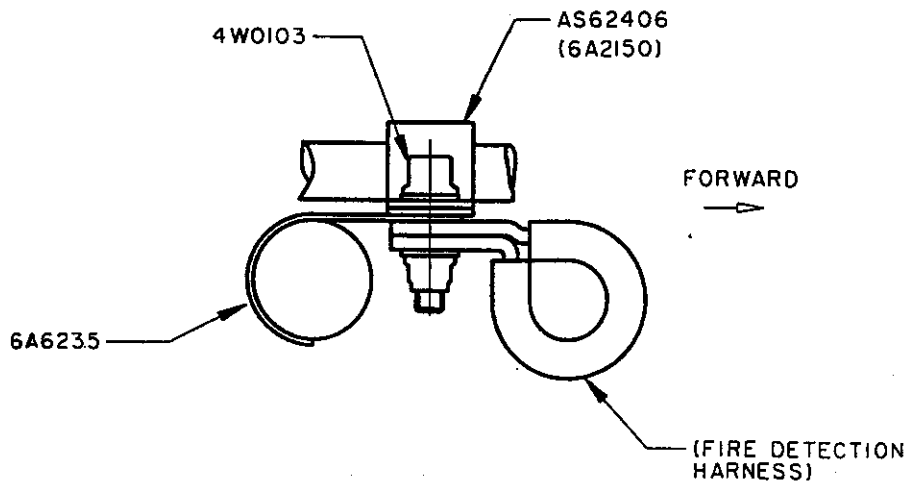


CLIP POINT 5766 AFTER ALTERATION

Core clip position 5766 before/after alteration
Figure 102 sheet 2

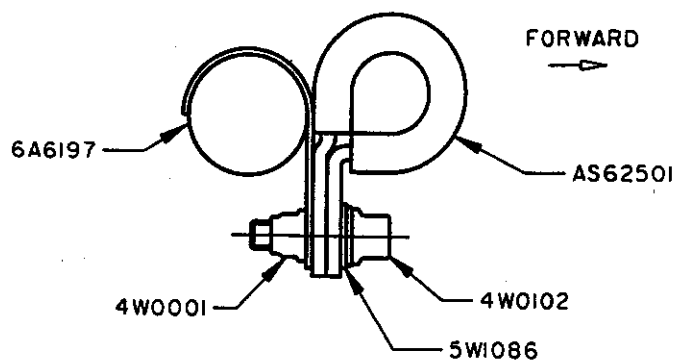


CLIP POINT 5766 BEFORE ALTERATION

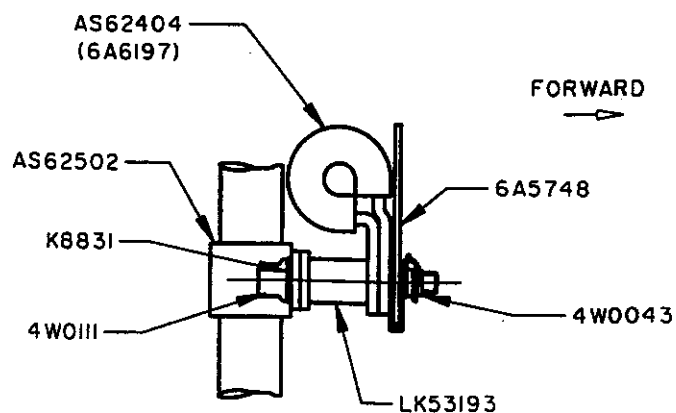


CLIP POINT 5766 AFTER ALTERATION

Core clip position 5766 before/after alteration
Figure 102 sheet 3

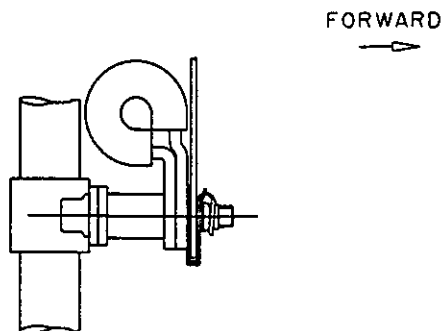


CLIP POINT 6072 ADDED

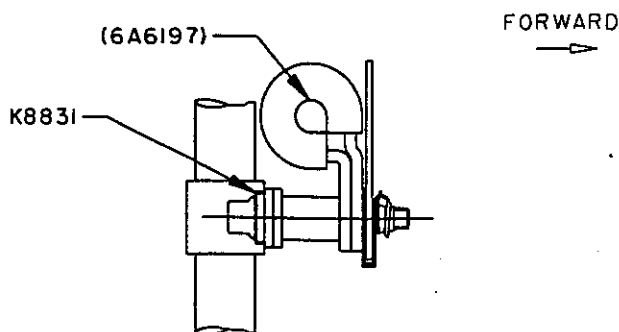


CLIP POINT 6073 ADDED

Core clip positions 6072 and 6073 before/after alteration
Figure 103 sheet 1



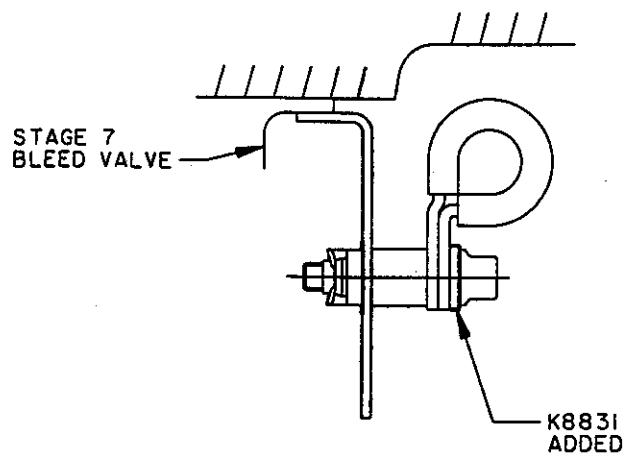
CLIP POINT 6073 BEFORE ALTERATION



CLIP POINT 6073 AFTER ALTERATION

Core clip positions 6072 and 6073 before/after alteration
Figure 103 sheet 2

dem0001517



LOOKING FORWARD
CLIP POINT 6074 MODIFIED

dem0001518

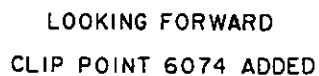
Core clip positions 6074 after alteration
Figure 104 sheet 1

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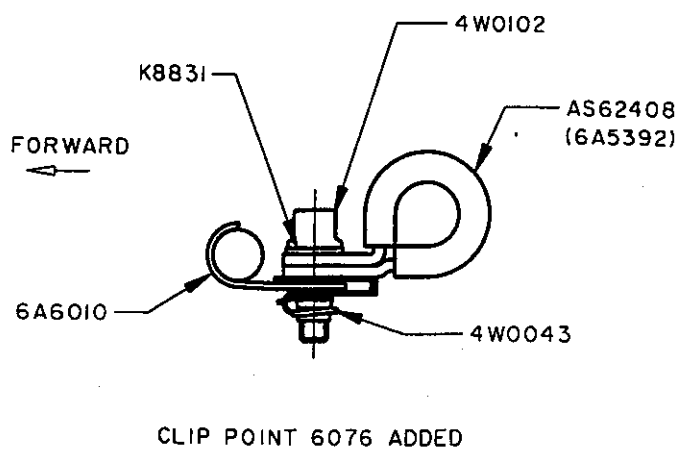
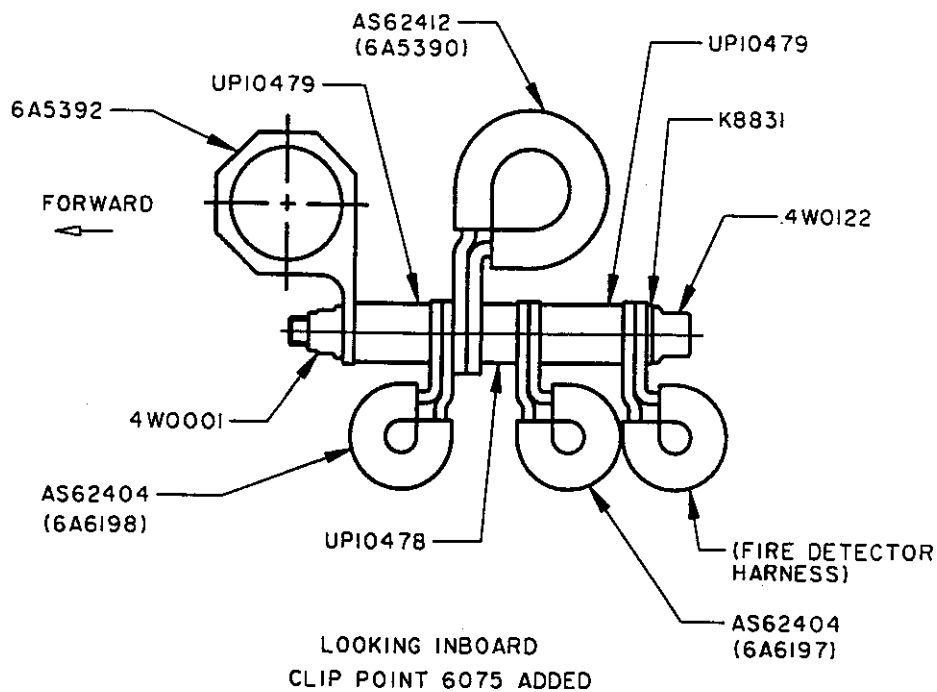
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dem001671

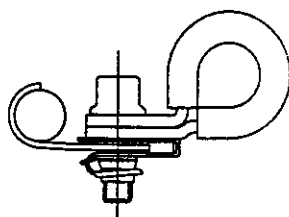


dem0001672

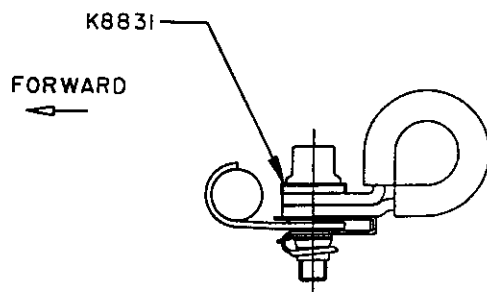
Core clip positions 6075 and 6076 before/after alteration
Figure 105 sheet 1



FORWARD
←



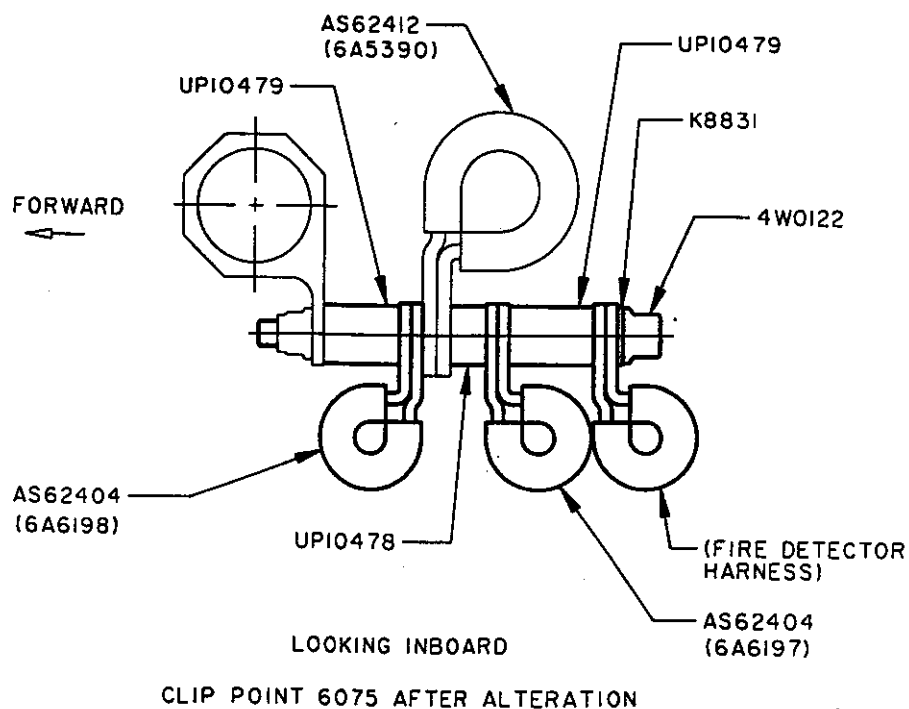
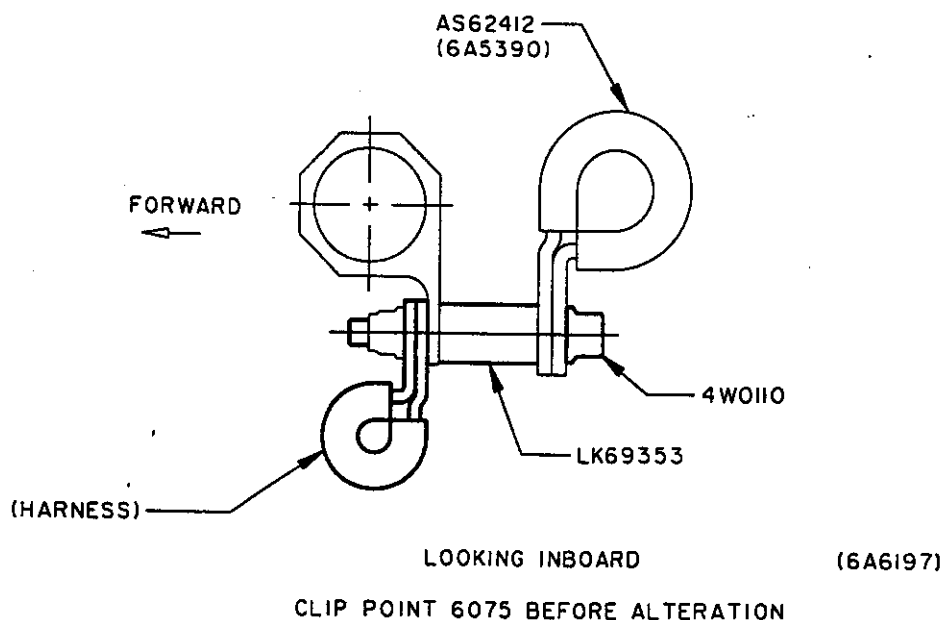
CLIP POINT 6076 BEFORE ALTERATION



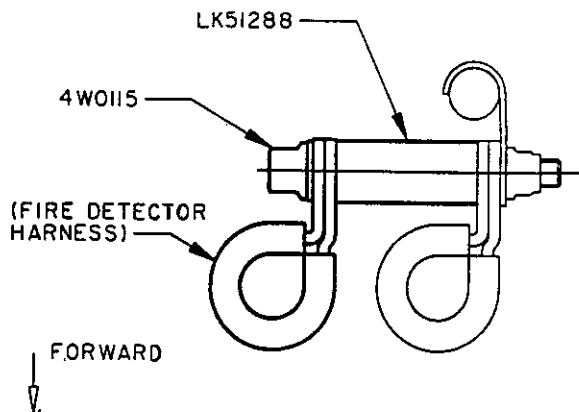
CLIP POINT 6076 AFTER ALTERATION

Core clip positions 6075 and 6076 before/after alteration
Figure 105 sheet 2

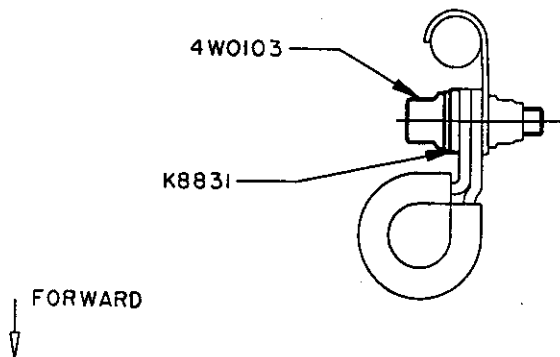
dem0001520



Core clip positions 6075 and 6076 before/after alteration
Figure 105 sheet 3



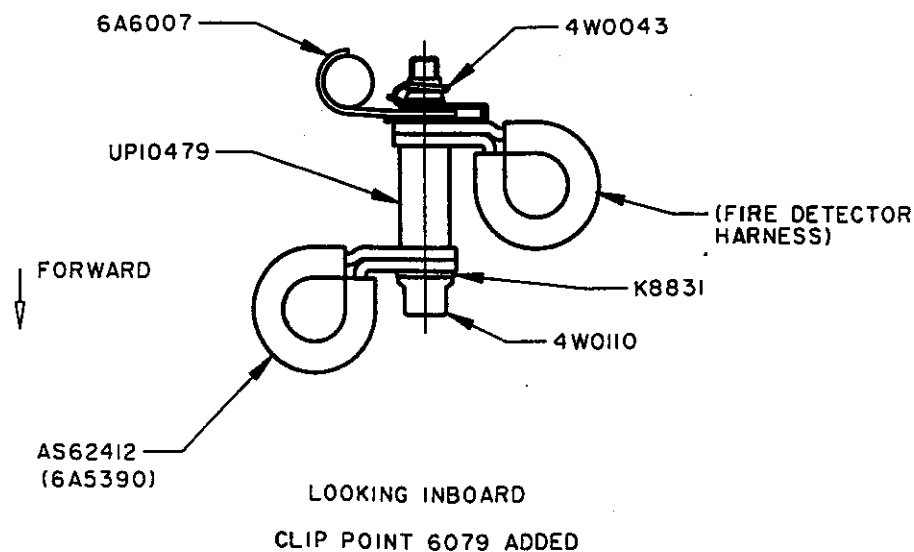
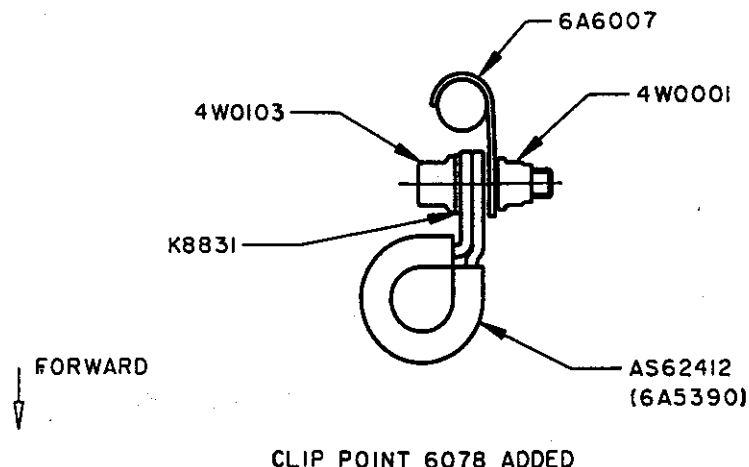
CLIP POINT 6078 BEFORE ALTERATION



CLIP POINT 6078 AFTER ALTERATION

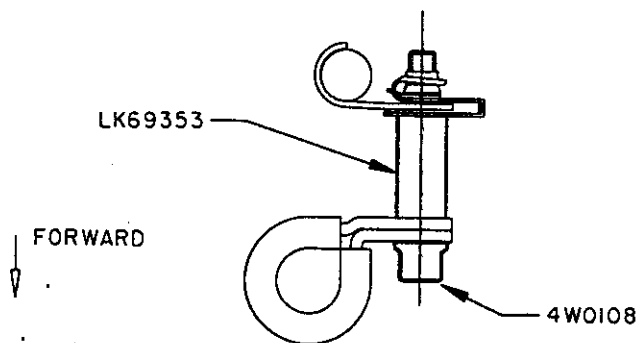
Core clip positions 6078 and 6079 before/after alteration
Figure 106 sheet 1

dem0001521



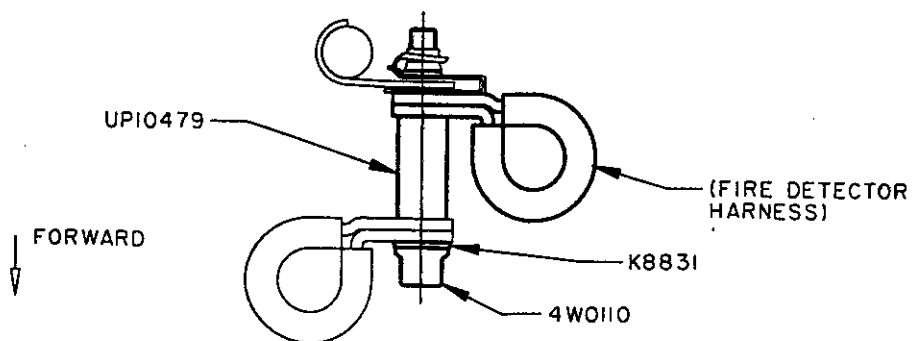
dem0001673

Core clip positions 6078 and 6079 before/after alteration
Figure 106 sheet 2



LOOKING INBOARD

CLIP POINT 6079 BEFORE ALTERATION

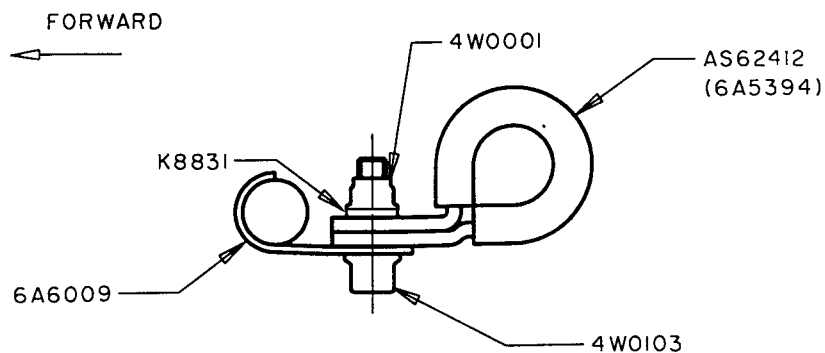


LOOKING INBOARD

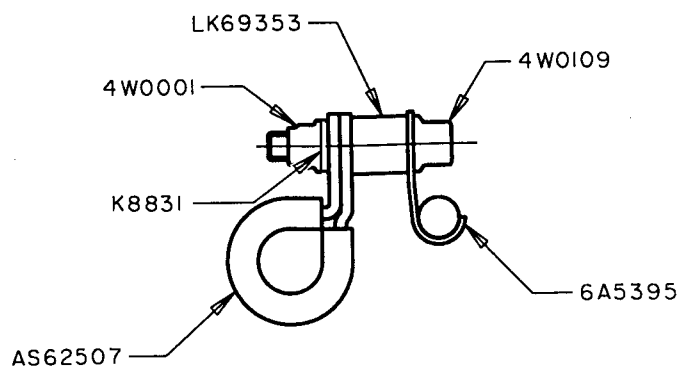
CLIP POINT 6079 AFTER ALTERATION

Core clip positions 6078 and 6079 before/after alteration
Figure 106 sheet 3

dem0001522

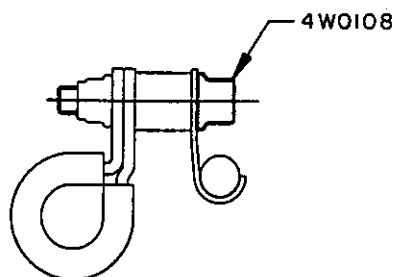


LOOKING INBOARD
CLIP POINT 6081 ADDED



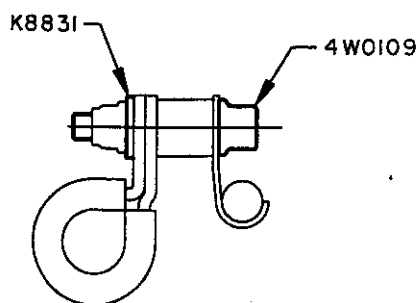
LOOKING FORWARD
CLIP POINT 6082 ADDED

Core clip position 6082 before/after alteration
Figure 107 sheet 1



LOOKING FORWARD

CLIP POINT 6082 BEFORE ALTERATION

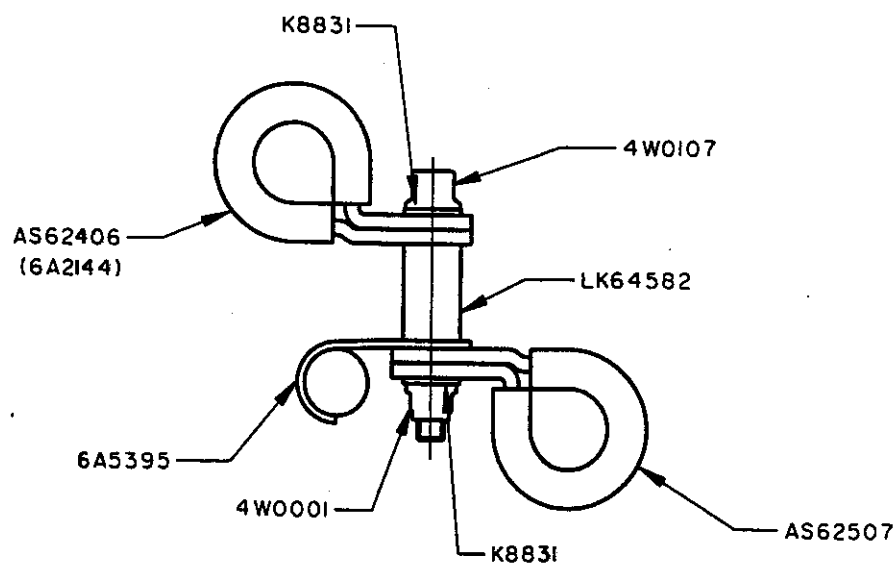


LOOKING FORWARD

CLIP POINT 6082 AFTER ALTERATION

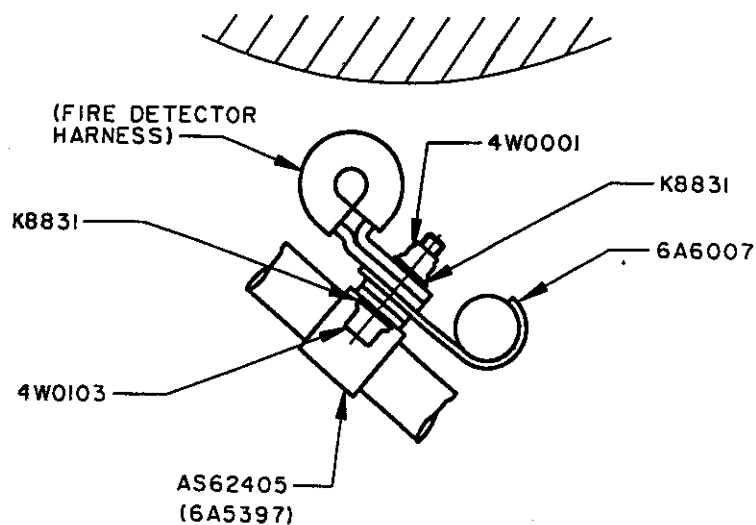
Core clip position 6082 before/alteration
Figure 107 sheet 2

dem0001524



LOOKING FORWARD

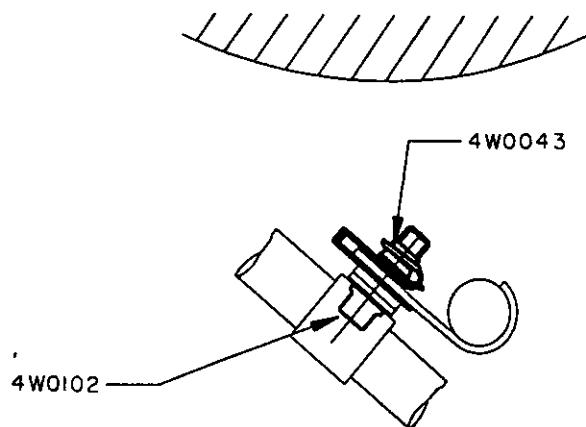
CLIP POINT 6083 ADDED



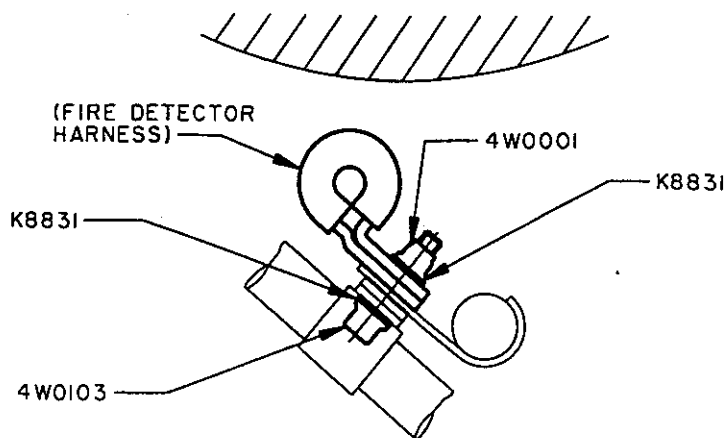
LOOKING REARWARD

CLIP POINT 6084 ADDED

New core clip positions 6083 and 6084
Figure 108 sheet 1



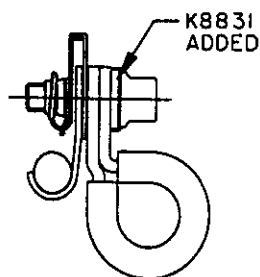
LOOKING REARWARD
CLIP POINT 6084 BEFORE ALTERATION



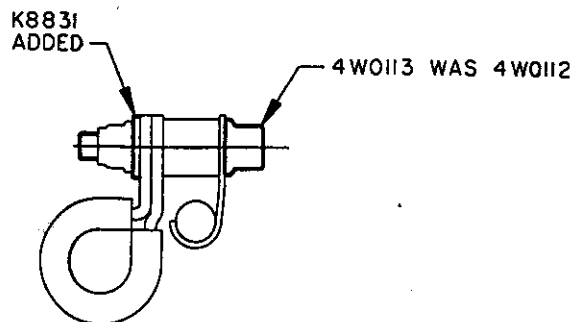
LOOKING REARWARD
CLIP POINT 6084 AFTER ALTERATION

New core clip positions 6083 and 6084
Figure 108 sheet 2

dem0001526



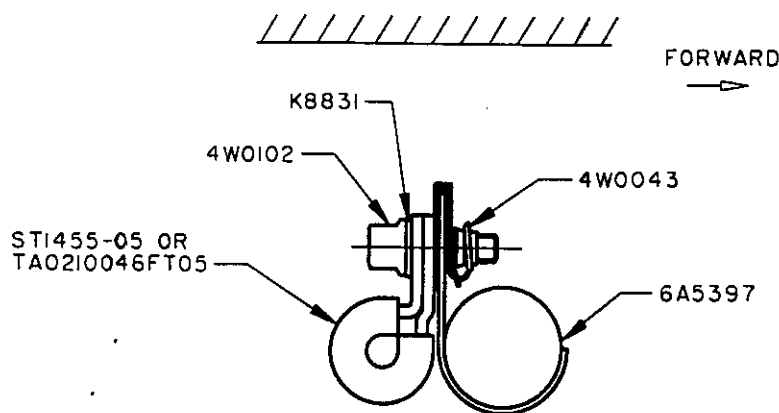
CLIP POINT 6085 MODIFIED



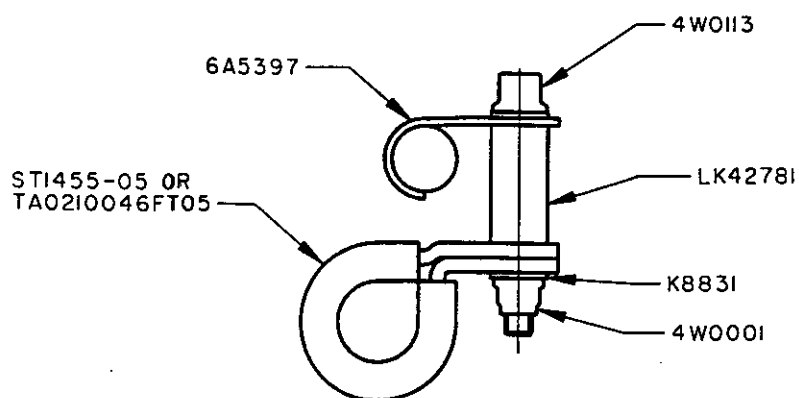
LOOKING FORWARD
CLIP POINT 6086 MODIFIED

dem0001527

New core clip positions 6085 and 6086
Figure 109 sheet 1



CLIP POINT 6085 ADDED

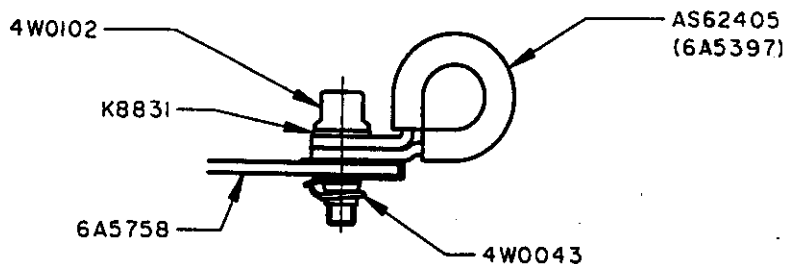


LOOKING REARWARD

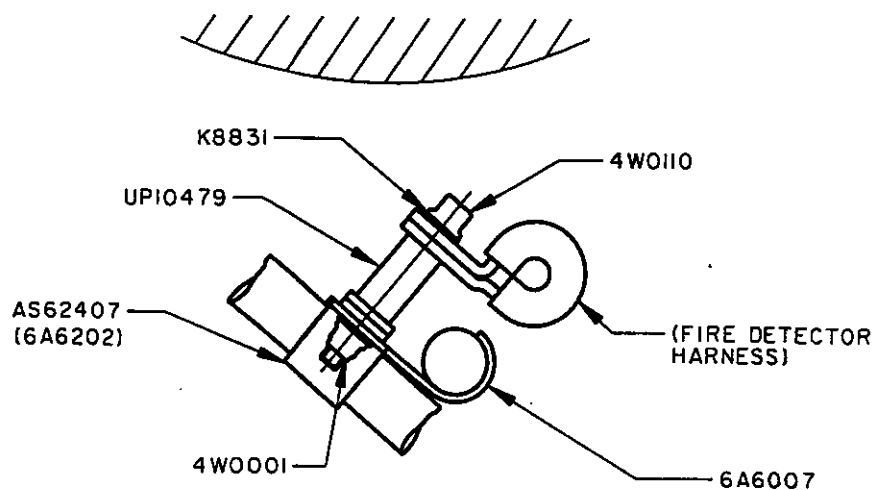
CLIP POINT 6086 ADDED

New core clip positions 6085 and 6086
Figure 109 sheet 2

dem0001676



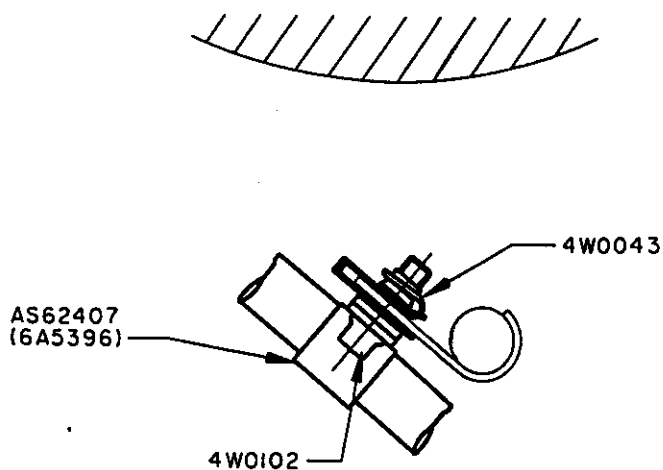
VIEW LOOKING FORWARD
CLIP POINT 6087 ADDED



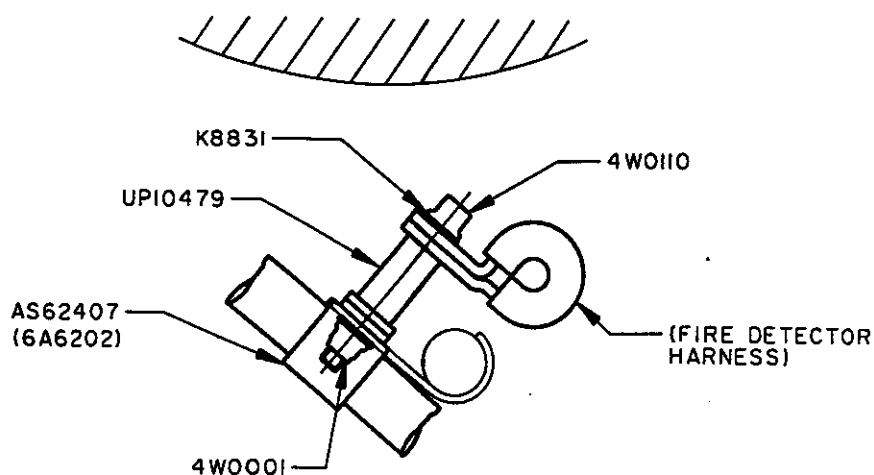
VIEW LOOKING FORWARD
CLIP POINT 6088 ADDED

New core clip positions 6087 and 6088
Figure 110 sheet 1

dem0001677



VIEW LOOKING FORWARD
CLIP POINT 6088 BEFORE ALTERATION

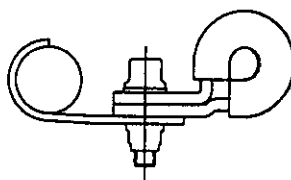


VIEW LOOKING FORWARD
CLIP POINT 6088 AFTER ALTERATION

New core clip positions 6087 and 6088
Figure 110 sheet 2

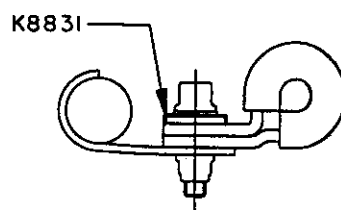
dem0001529

FORWARD
←



CLIP POINT 6094 BEFORE ALTERATION

FORWARD
←



CLIP POINT 6094 AFTER ALTERATION

dem0001530

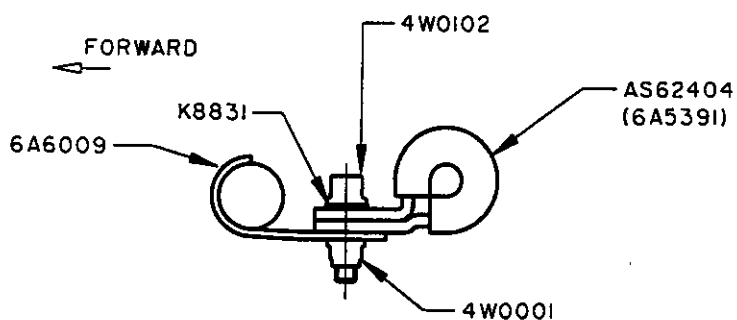
Core clip positions 6094 and 6095 before / after alteration
Figure 111 sheet 1

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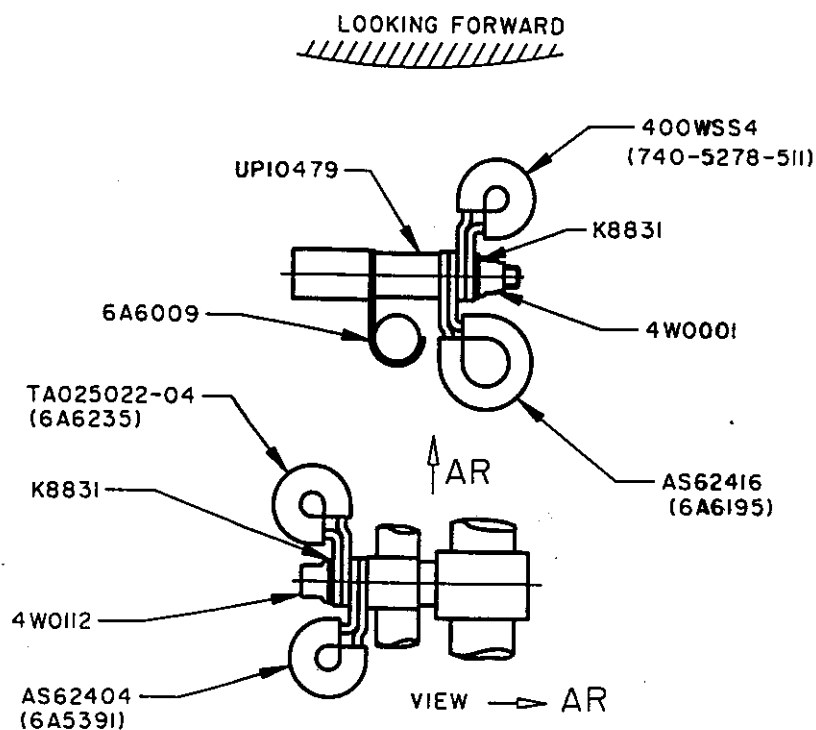
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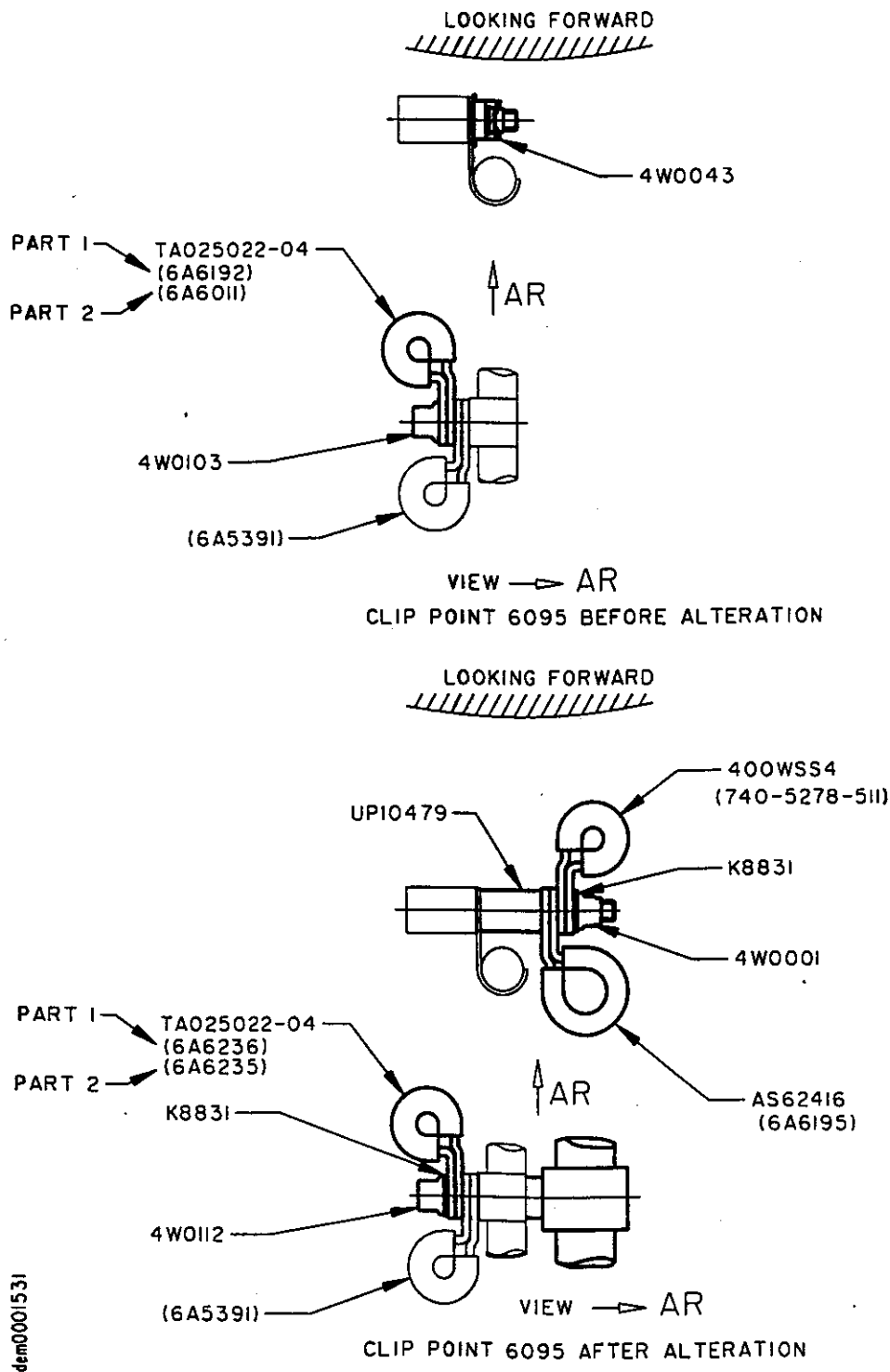
CLIP POINT 6094 ADDED



CLIP POINT 6095 ADDED

Core clip positions 6094 and 6095 before / after alteration
Figure 111 sheet 2

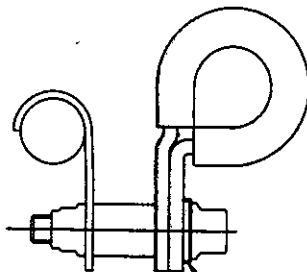
dem0001678



Core clip positions 6094 and 6095 before / after alteration
Figure 111 sheet 3



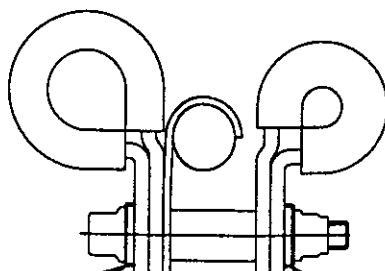
FORWARD
←



K8831 ADDED

CLIP POINT 6096 MODIFIED

FORWARD
→

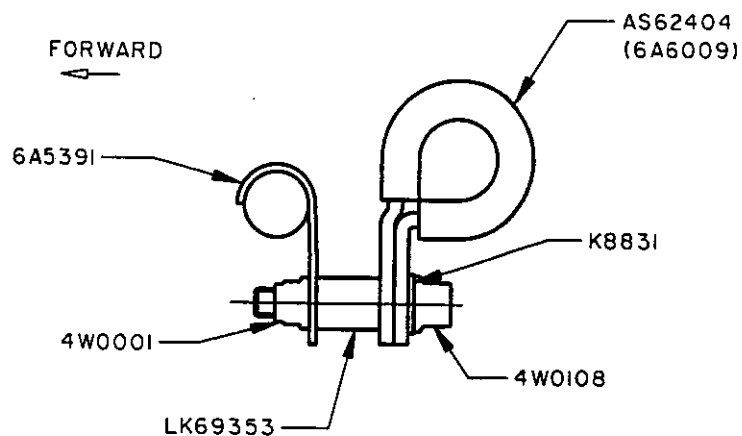


K8831
ADDED

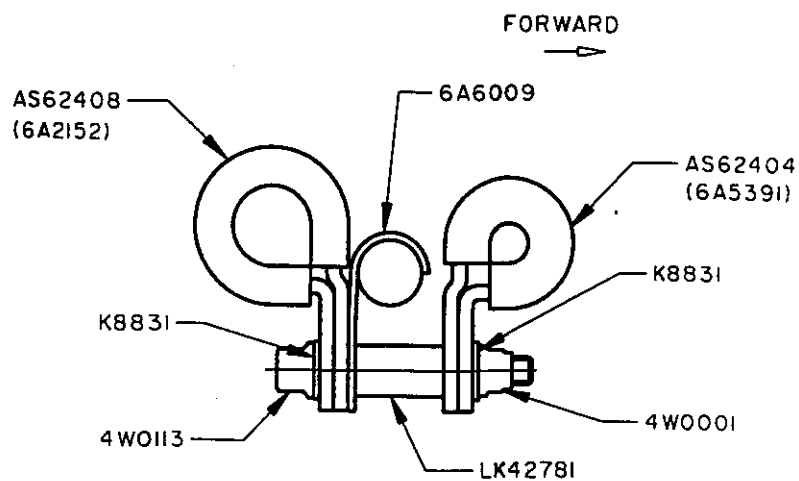
K8831
ADDED

CLIP POINT 6097 MODIFIED

Core clip positions 6096 and 6097 before / after alteration
Figure 112 sheet 1

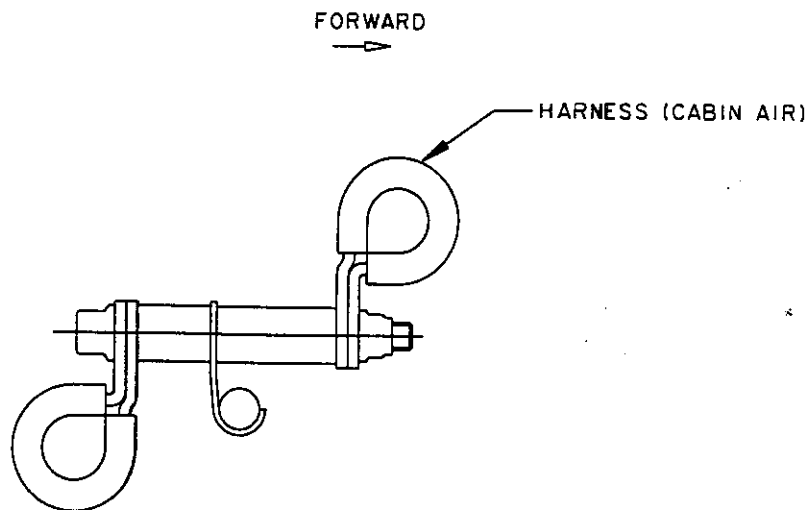


CLIP POINT 6096 ADDED

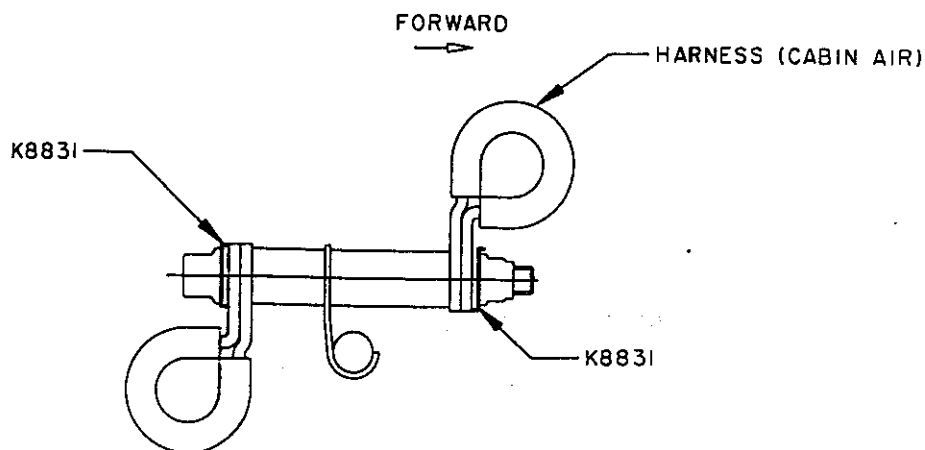


CLIP POINT 6097 ADDED

Core clip positions 6096 and 6097 before / after alteration
Figure 112 sheet 2



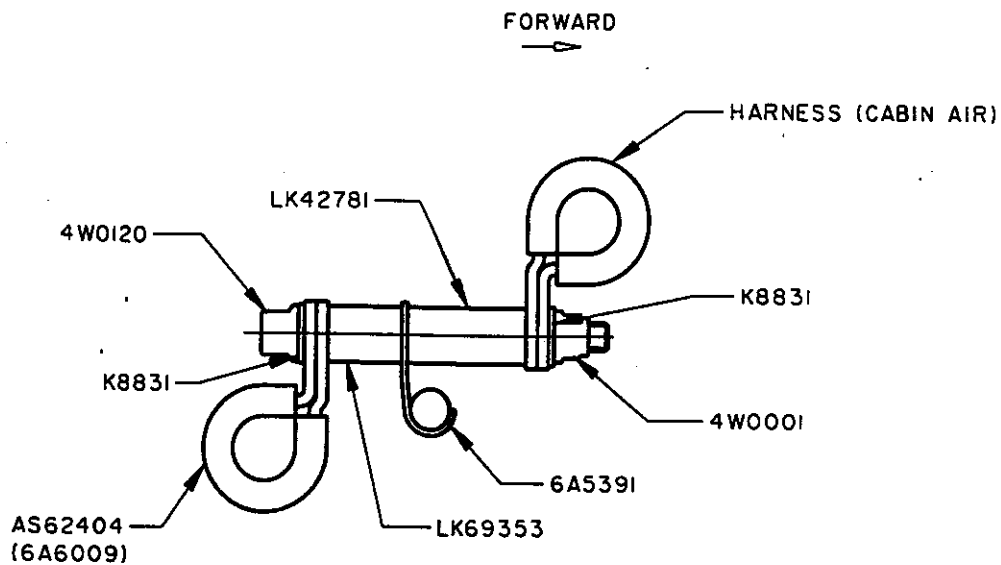
CLIP POINT 6098 BEFORE ALTERATION



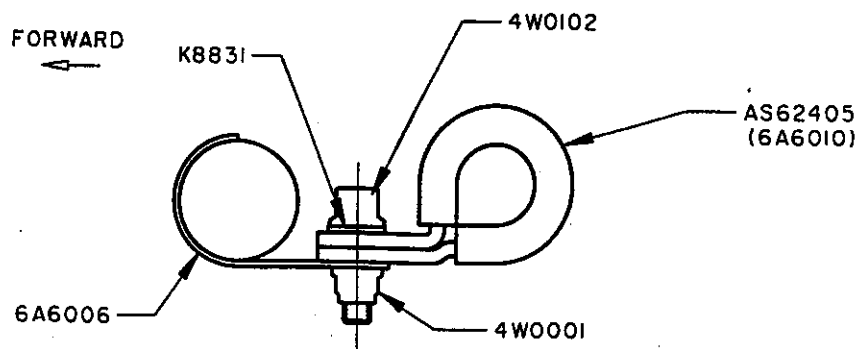
CLIP POINT 6098 AFTER ALTERATION

Core clip positions 6098 and 6099 before / after alteration
Figure 113 sheet 1

dem0001533

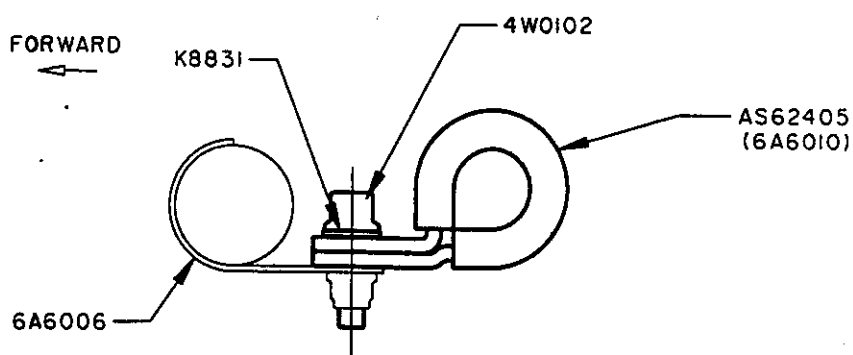


CLIP POINT 6098 ADDED



CLIP POINT 6099 ADDED

Core clip positions 6098 and 6099 before / after alteration
Figure 113 sheet 2



CLIP POINT 6099 AMENDED

Core clip positions 6098 and 6099 before / after alteration
Figure 113 sheet 3

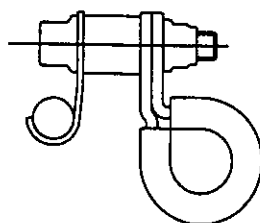
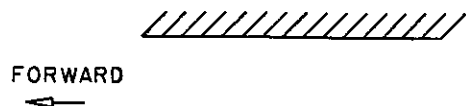
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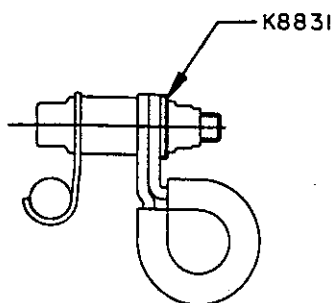
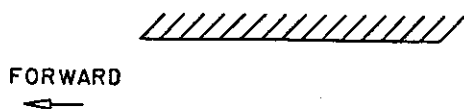
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18910000wep

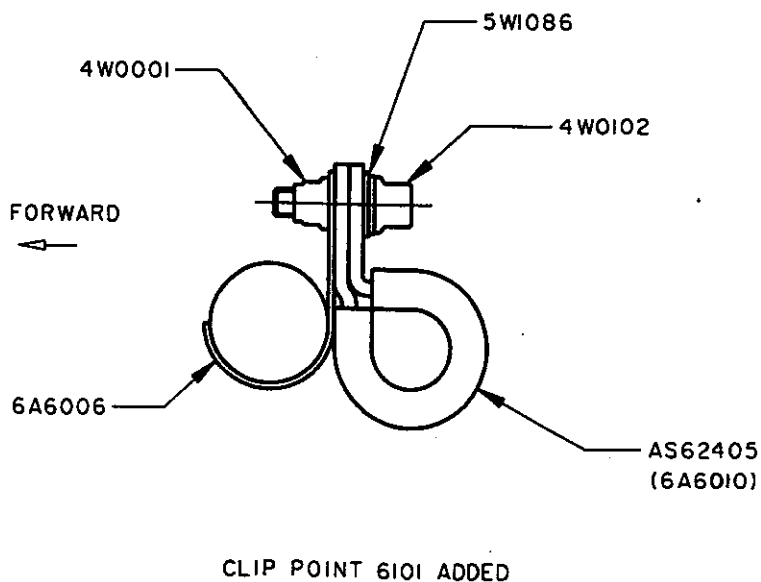
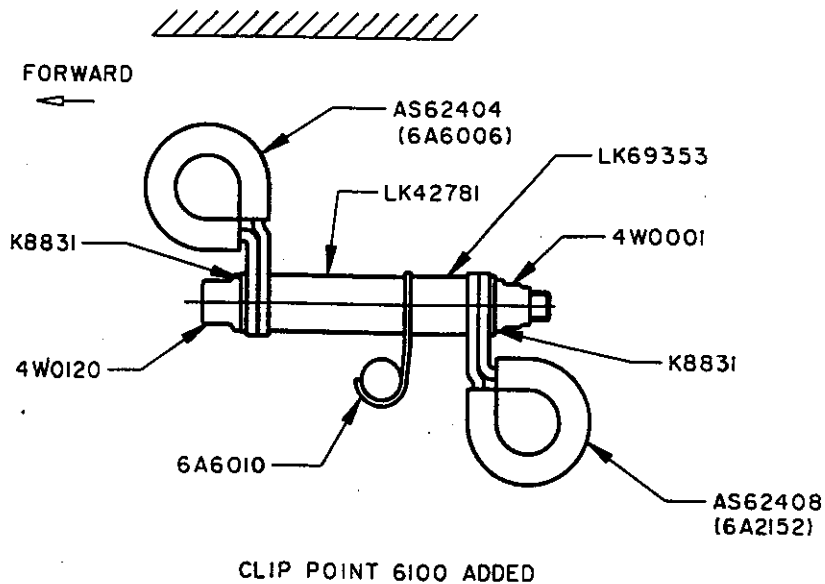


CLIP POINT 6100 BEFORE ALTERATION



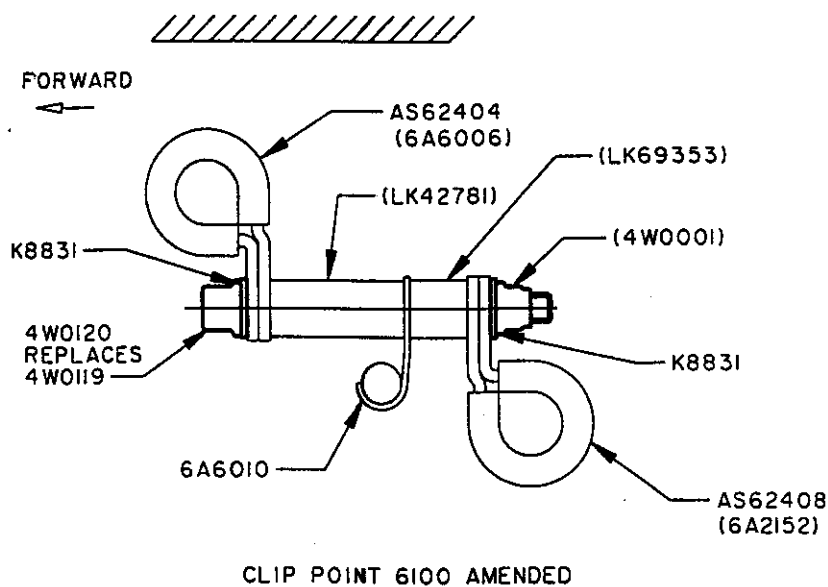
CLIP POINT 6100 AFTER ALTERATION

Core clip positions 6100 and 6101 before / after alteration
Figure 114 sheet 1



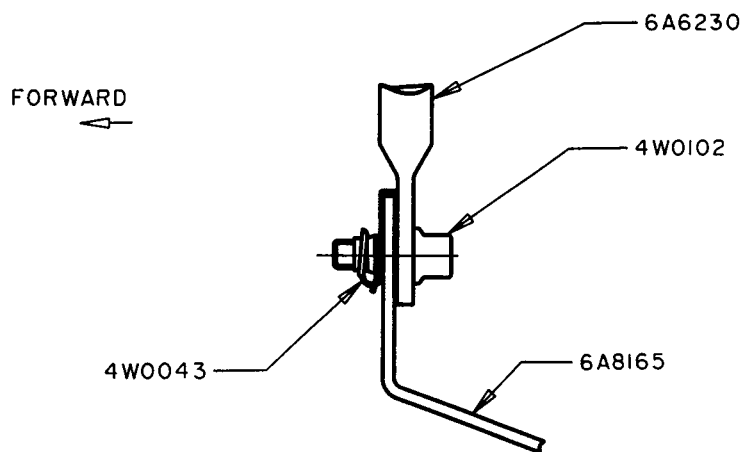
Core clip positions 6100 and 6101 before / after alteration
Figure 114 sheet 2

dem0001682



dem0001683

Core clip positions 6100 and 6101 before / after alteration
Figure 114 sheet 3



CLIP POINT 6104 ADDED

New core clip position 6104
Figure 115

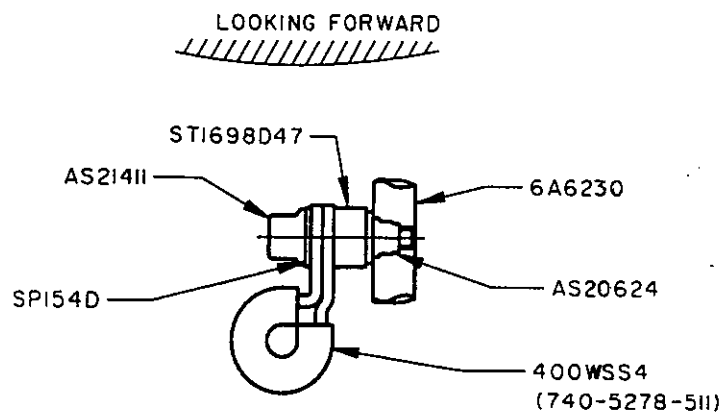
ded0005146

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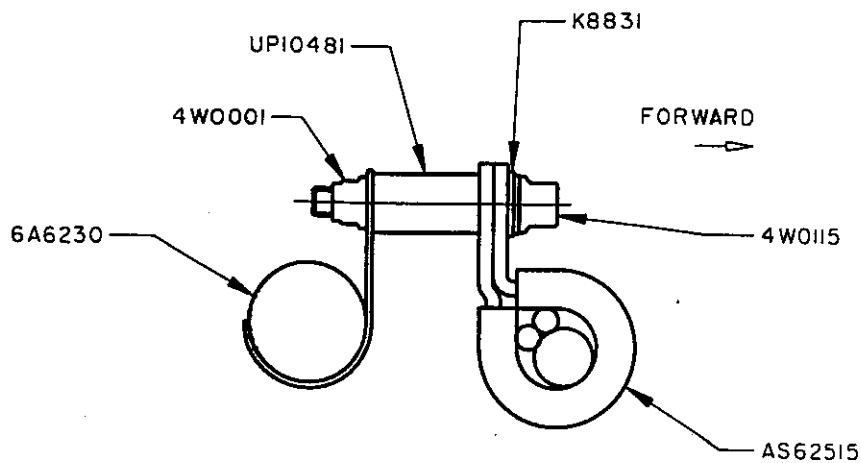
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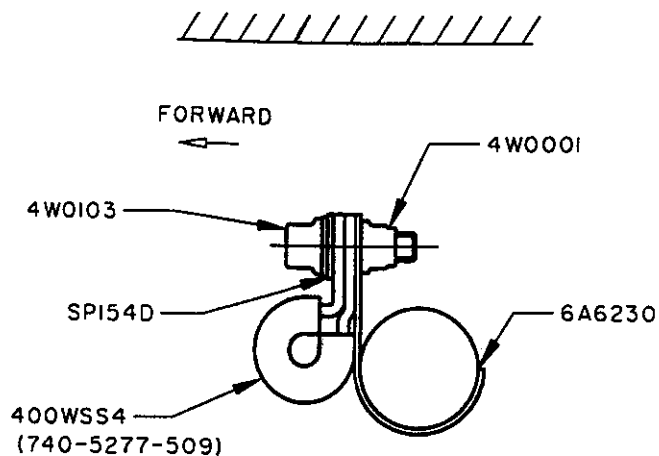
CLIP POINT 6109 ADDED



LOOKING INBOARD

CLIP POINT 6110 ADDED

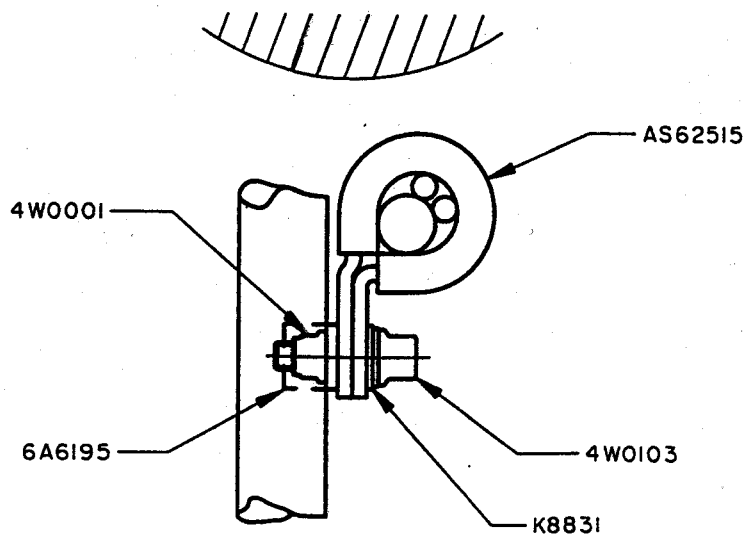
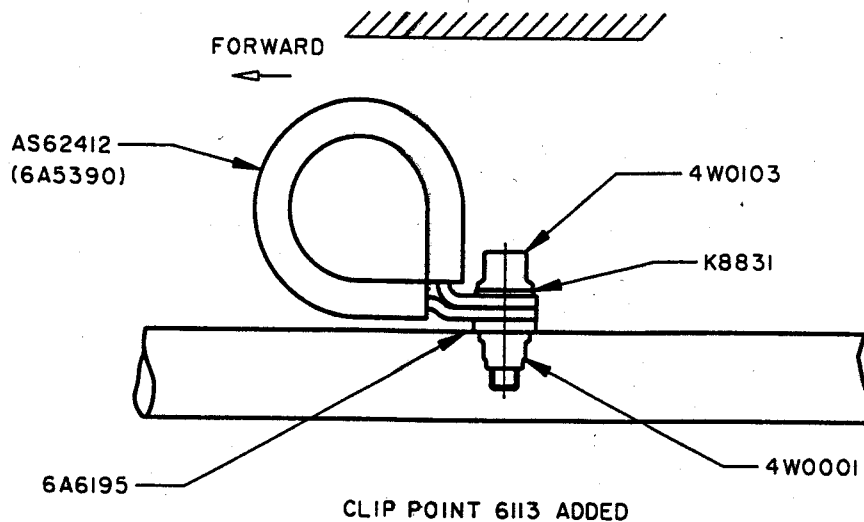
New core clip positions 6109 and 6110
Figure 116



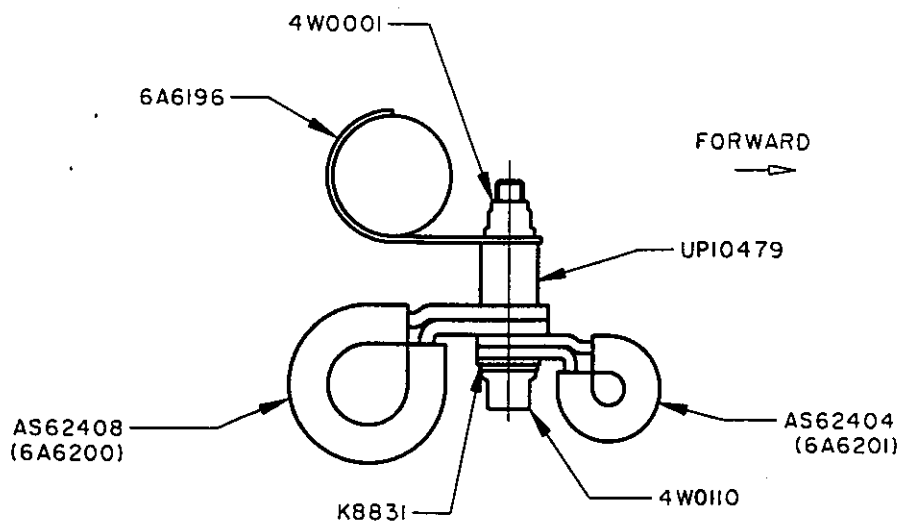
CLIP POINT 6111 ADDED

New core clip position 6111
Figure 117

dem0001537



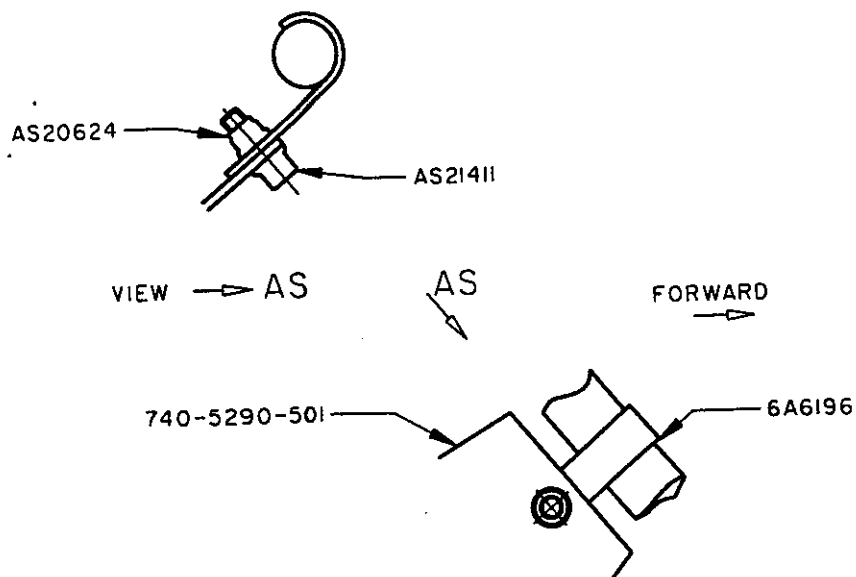
New core clip positions 6113 and 6114
Figure 118



LOOKING INBOARD
CLIP POINT 6116 ADDED

New core clip position 6116
Figure 119

dem0001539



CLIP POINT 6118 ADDED

dem0001540

New core clip position 6118
Figure 120 sheet 1

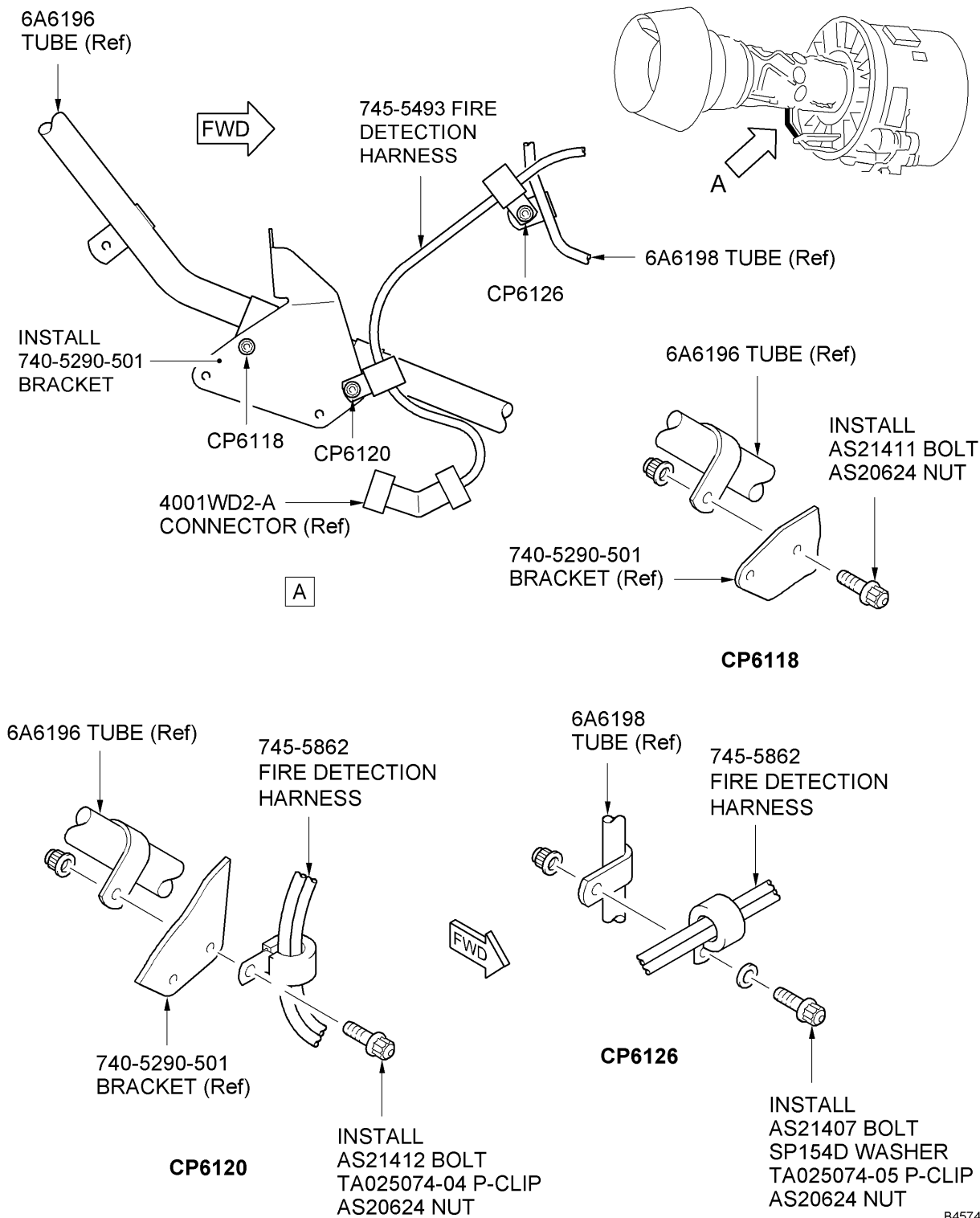
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Nov.12/03

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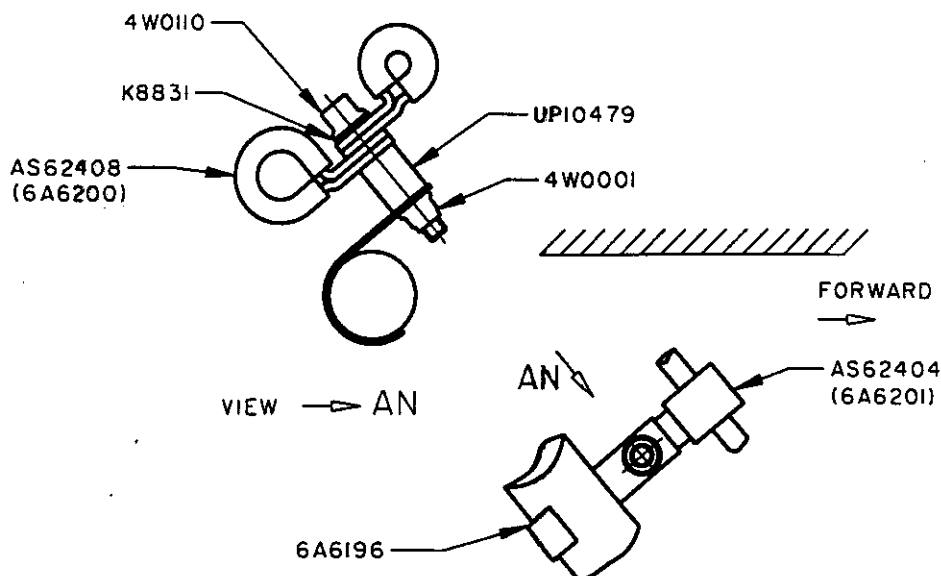
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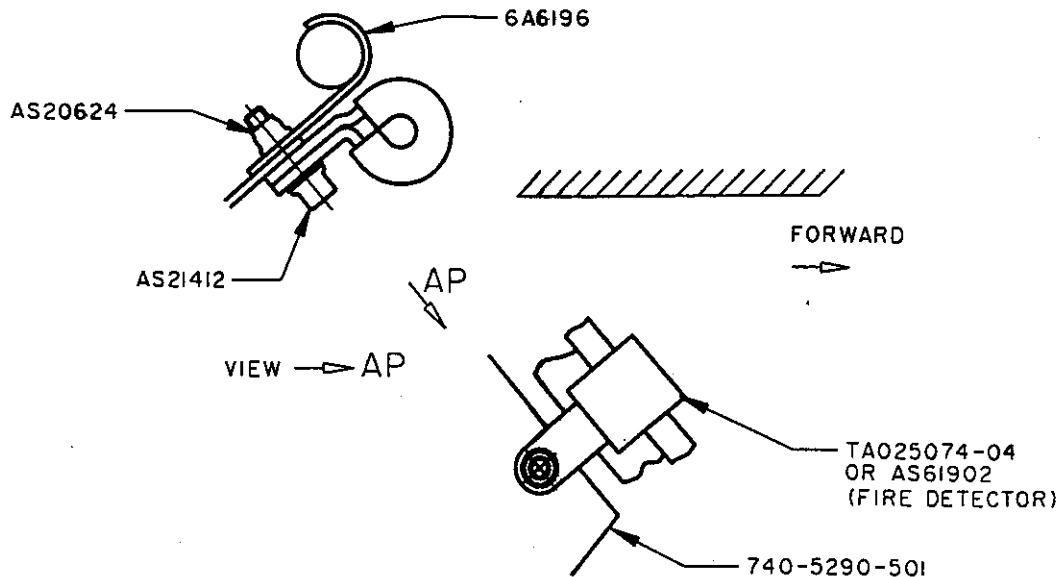
Not subject to the EAR per 15 C.F.R. Chapter 1, Part 734.3(b)(3).



New core clip position 6118
Figure 120 sheet 2

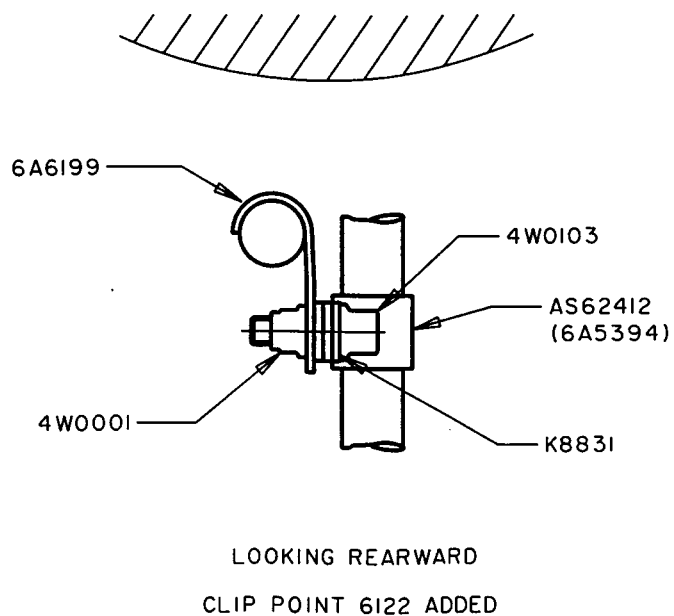
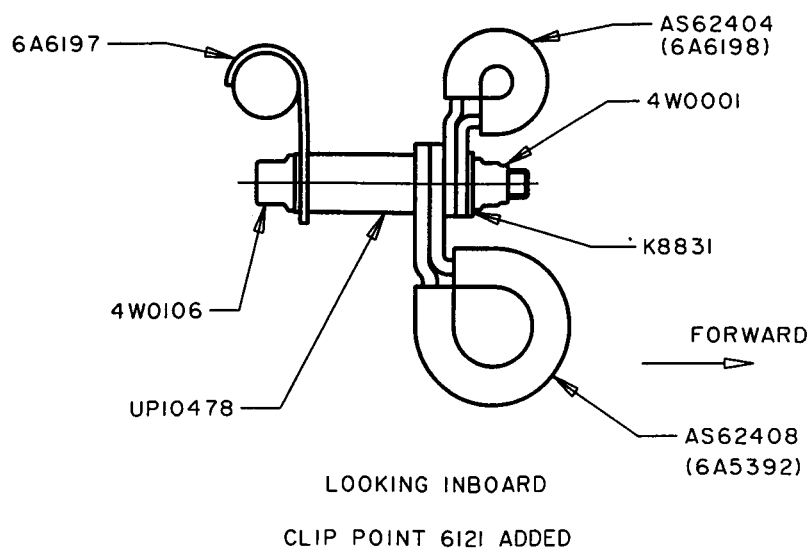


CLIP POINT 6119 ADDED



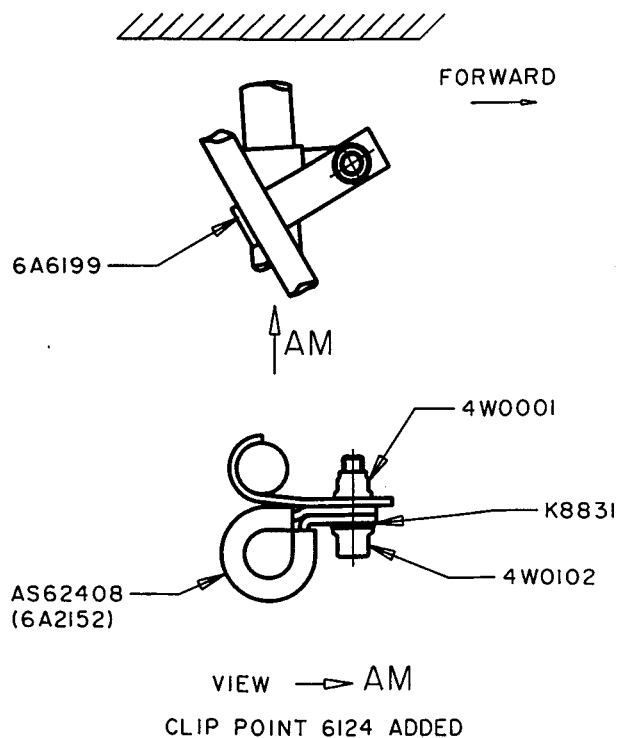
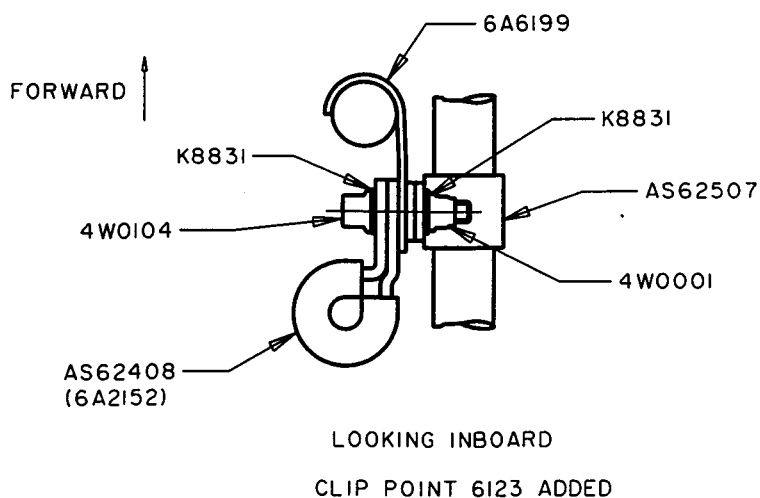
CLIP POINT 6120 ADDED

New core clip positions 6119 and 6120
Figure 121

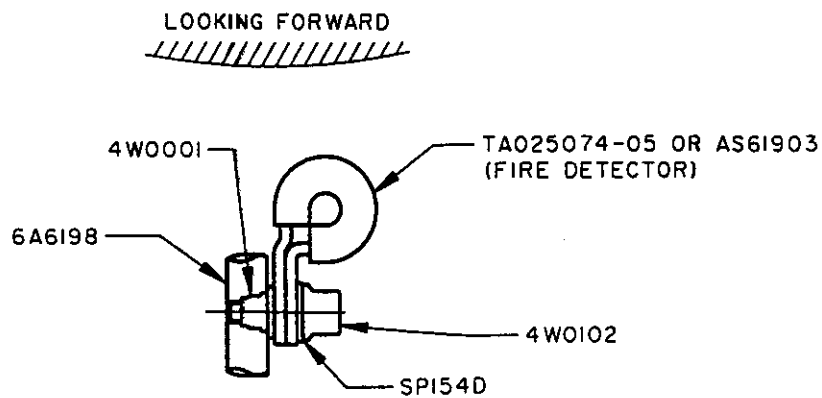


New core clip positions 6121 and 6122
Figure 122

ded0005148



New core clip positions 6123 and 6124
Figure 123



CLIP POINT 6126 ADDED

New core clip positions 6126
Figure 124

dem0001544

OIL - SCAVENGE OIL TUBES - RE-ROUTE OF NUMBER 4 BEARING SCAVENGE TUBESUPPLEMENT - PRICES AND AVAILABILITY

The prices if shown are for estimating purposes only and as such are given in good faith, without commercial liability for advanced planning purposes only. Refer to IAE Spares and/or current price catalogue for current prices.

1. Modification Kit Prices:

Mod Kit No.	Description	Unit Price US \$
MKVA579008801	Mod Kit	15,188.00
MKVA579008802	Mod Kit	23,466.00
MKVA579008803	Mod Kit	31,495.90
MKVA579008804	Mod Kit	32,789.90
MKVA579008805	Mod Kit	12,897.00
MKVA579008806	Mod Kit	676.70
V255790088-551	Mod Kit	Price on request
V255790088-553	Mod Kit	Price on request
2A3892	Mod Kit	Price on request

2. Modification kit contents:

Modification kit MKVA579008801

Part No.	Description	Unit Price US \$
6A6201	Tube	447.00
6A6204	Tube	425.00
6A6209	Tube	1,489.00
6A6210	Tube	588.00
6A6211	Tube	1,317.00
6A6212	Tube	514.00
6A6213	Tube	1,441.00
6A6214	Tube	542.00
6A6224	Tube	706.00
6A6225	Tube	836.00
6A6228	Tube	1,116.00
6A6230	Tube	1,580.00
6A6231	Tube	1,480.00
6A6232	Tube	828.00
6A6233	Tube	1,074.00
6A6237	Tube	805.00

**Modification kit MKVA579008802**

Part No.	Description	Unit Price US \$
6A6195	Tube	1,125.00
6A6196	Tube	1,341.00
6A6197	Tube	1,066.00
6A6198	Tube	1,159.00
6A6199	Tube	1,155.00
6A6200	Tube	935.00
6A6202	Tube	1,325.00
6A6205	Tube	2,380.00
6A6206	Tube	4,661.00
6A6207	Tube	524.00
6A6208	Tube	933.00
6A6215	Tube	1,300.00
6A6216	Tube	545.00
6A6217	Tube	807.00
6A6218	Tube	506.00
6A6219	Tube	750.00
6A6220	Tube	640.00
6A6221	Tube	910.00
6A6222	Tube	537.00
6A6223	Tube	867.00

Modification kit MKVA579008803

Part No.	Description	Unit Price US \$
6A6236	Tube	897.00
6A7930	Bif Panel	4,068.00
6A8165	Bracket	48.70
6A8166	Bracket	98.30
6A8172	Harness	26,050.00
6A8173	Bracket	67.90
6A8234	Bracket	266.00

Modification kit MKVA579008804

Part No.	Description	Unit Price US \$
6A6226	Tube	831.00
6A6227	Tube	475.00
6A6235	Tube	885.00
6A7930	Bif Panel	4,068.00
6A8165	Bracket	48.70
6A8166	Bracket	98.30
6A8171	Harness	26,050.00
6A8173	Bracket	67.90
6A8234	Bracket	266.00



Modification kit MKVA579008805

Part No.	Description	Unit Price US \$
6A5390	Tube	1,408.00
6A5391	Tube	713.00
6A5392	Tube	1,286.00
6A5394	Tube	2,341.00
6A5395	Tube	1,991.00
6A5397	Tube	1,872.00
6A6006	Tube	1,189.00
6A6007	Tube	438.00
6A6009	Tube	750.00
6A6010	Tube	909.00

Modification kit MKVA579008806

Part No.	Description	Unit Price US \$
6A5748	Bracket	45.90
6A5749	Bracket	50.60
6A5750	Bracket	95.20
6A5758	Bracket	250.00
6A5825	Bracket	235.00

Modification kit V255790088-551

Part No.	Description	Unit Price US \$
740-5688-513	Tube Assy Drain	Price on request
740-5277-509	Tube Assy Drain	Price on request
740-5278-511	Tube Assy Drain	Price on request
740-5290-501	Bracket	Price on request
740-5793-513	Tube Assy Oil Pressure	Price on request

Modification kit V255790088-553

Part No.	Description	Unit Price US \$
745-5069-501	Bracket	Price on request
745-5279-503	Tube Assy	Price on request

Modification kit 2A3892

Part No.	Description	Unit Price US \$
2A3817	Lock	Price on request
2A3816	Gasket	Price on request
2A3818	Elbow	Price on request

