



ENGINE - ELECTRICAL POWER - PROVIDE A NEW IDG OIL COOLER OIL INLET CONNECTOR SUPPORT
BRACKET - CATEGORY CODE 6. - MOD.ENG-24-0005

1. Planning Information

A. Effectivity

- (1) Aircraft: (a) Airbus A320
- (2) Engine: (a) V2500-A1 Engines prior to Serial No.V0350

B. Concurrent Requirements

None

C. Reason

(1) Condition

It has been found on build that a foul may occur between the support bracket for Clipping Points 0317 and 0917 and the I.D.G. oil cooler oil inlet tube adaptor.

(2) Background

The oil inlet tube can feature an elbow adaptor at the cooler end produced either from a forging or machined bar stock. A small number of tubes with a machined adaptor are fitted to engines.

The support bracket was designed to suit the forged adaptor but a foul may occur with the machined adaptor due to its different profile.

(3) Objective

To eliminate the potential foul between the support bracket and machined adaptors.

(4) Substantiation

A successful trial installation of a modified bracket was undertaken on a mock-up engine.

(5) Effect of Bulletin on Workshop Procedures:

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Removal/Installation	Not affected
Disassembly/Assembly	Not affected
Cleaning	Not affected
Inspection/Check	Not affected
Repair	Not affected
Testing	Not affected

(6) Supplemental Information

None

D. Description

This Service Bulletin introduces a new support bracket for clipping points 0317 and 0917 with increased clearance for machined oil inlet tube adaptors.

E. Approval

The part number 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.

F. Compliance

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Accomplish when the subassembly (i.e. modules, accessories, components, build groups) is disassembled sufficiently to afford access to the affected part and to all affected spare parts.

G. Manpower

Estimated manhours to incorporate the full intent of this Bulletin:

Venue	Estimated Manhours
(1) In Service	Not Applicable
(2) At Overhaul	Not Affected

H. Material – Price and Availability

- (1) Modification Kit not required.
- (2) See "Material Information" section for prices and availability of future spares.

I. Tooling – Price and Availability

Special tools are not required

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- | | |
|-------------------|--|
| (1) Weight change | None |
| (2) Moment arm | No effect |
| (3) Datum | Engine front mount centerline
(Power Plant Station - (PPS) 100) |

K. Electrical Load Data

This Service Bulletin has no effect on the aircraft electrical load.

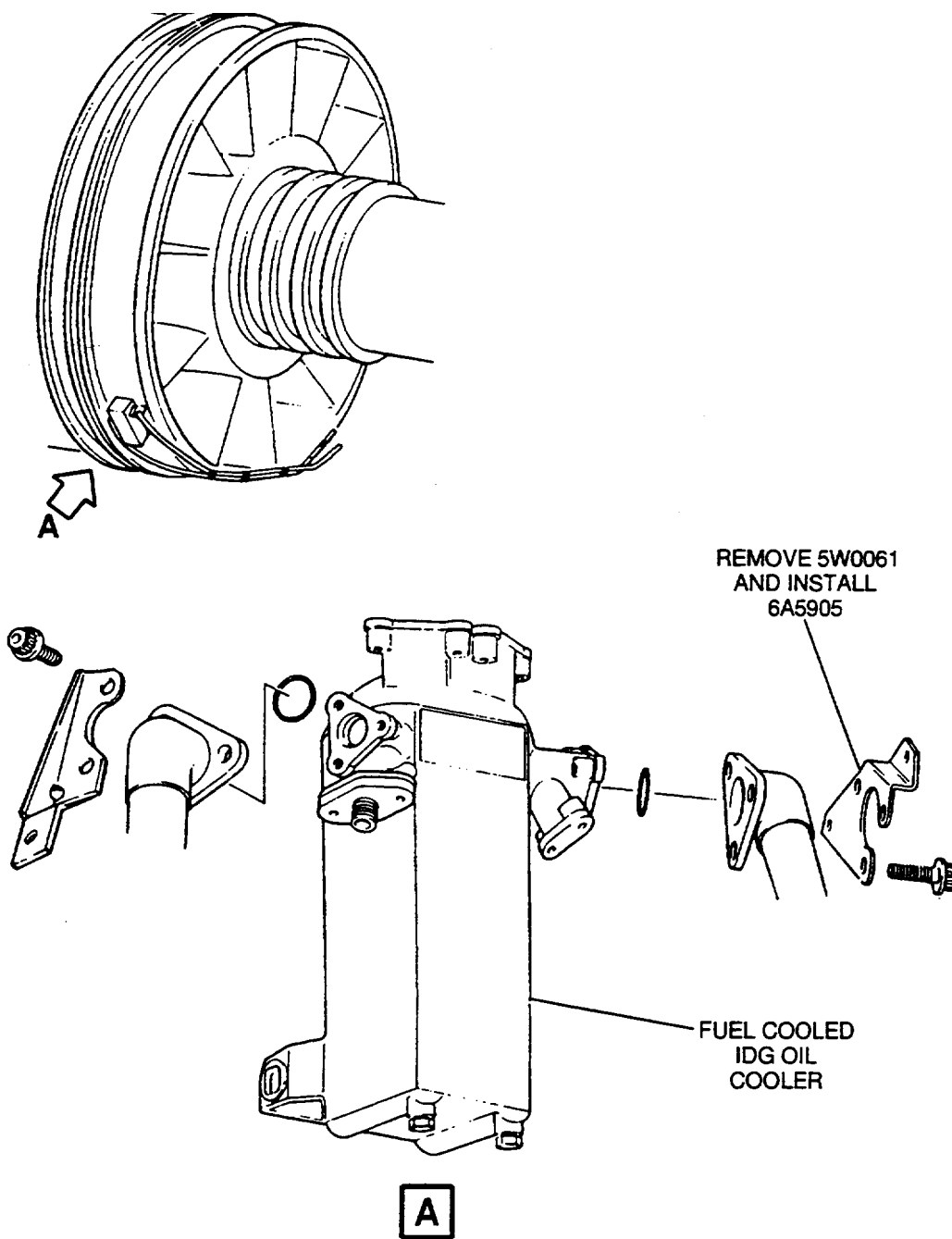
L. References

- (1) Internal Reference No.
EC94VR016
- (2) Other References
V2500 Engine Manual (E-V2500-1IA)

M. Other Publications Affected

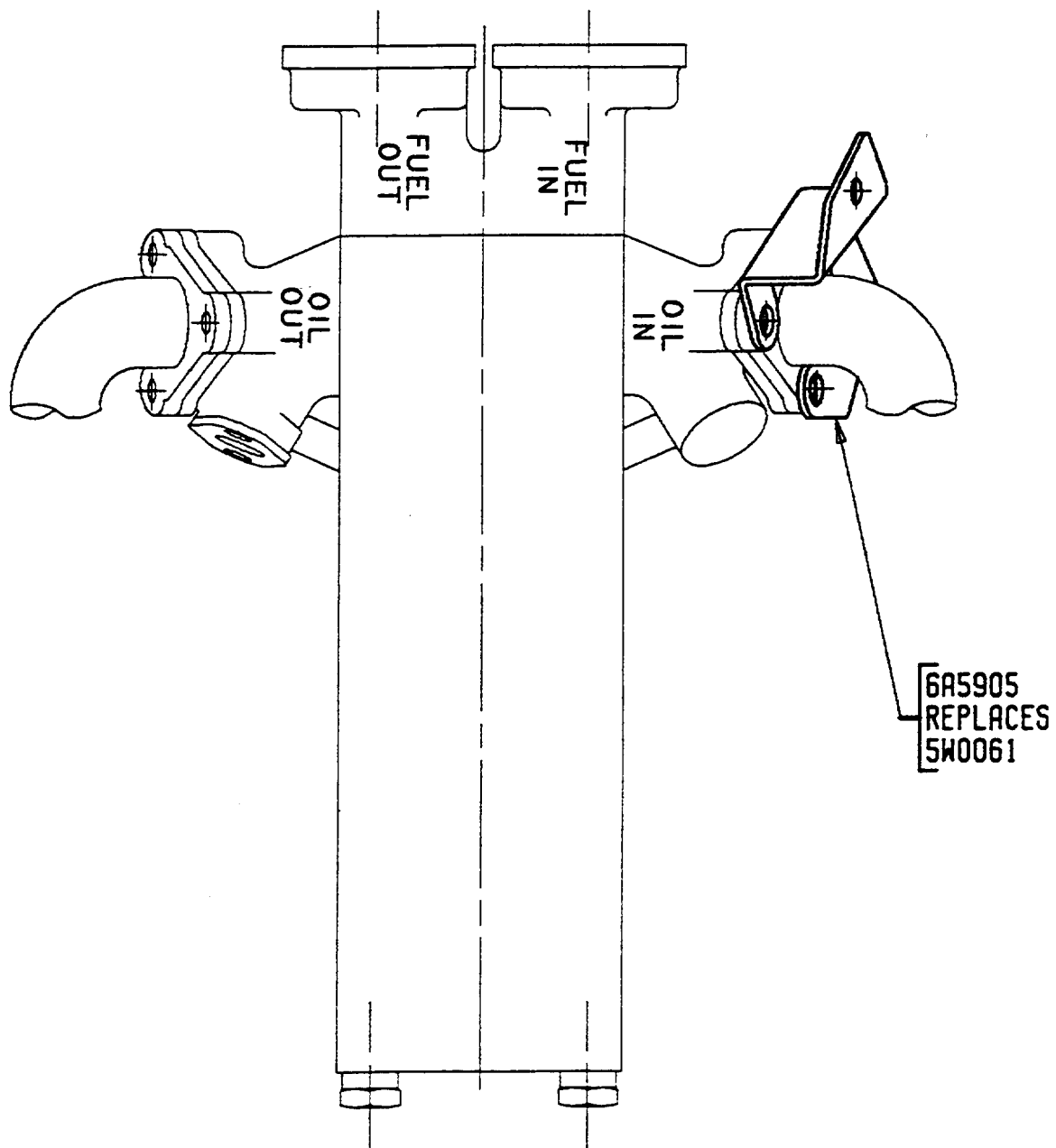
- (1) V2500 Illustrated Parts Catalog (S-V2500-1IA), Chapter/Section 24-21-49.
- (2) V2500 Engine Manual (E-V2500-1IA), 72-00-32, Removal-03 CONFIG-1 and Installation-03 CONFIG-1.
- (3) V2500 Component Maintenance Manual (CMM-MECH-V2500-1IA), 24-21-49, Cleaning-03 and Inspection/Check-02.
- (4) V2500 Engine Maintenance Manual (M-V2500-1IA), 24-21-42, Removal/Installation.

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Location of support bracket
Fig.1

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View on Fuel Cooled I.D.G. Oil Cooler - Before and after alteration
Fig.2

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2. Accomplishment Instructions

A. Rework Instructions

There are no rework instructions necessary to accomplish this Service Bulletin.

B. Assembly Instructions

- (1) Install the new 6A5905 bracket on to the IDG oil cooler oil inlet tube adaptor in accordance with the approved procedure, Reference (1) Chapter/Section 72-00-32, Installation-03, Config-1. Refer to Figures 1 and 2.

C. Recording Instructions

- (1) A record of accomplishment is necessary.



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3. Material Information

Applicability: For each V2500 Engine to incorporate this Bulletin.

A. Kits associated with this Bulletin:

None

B. Parts affected by this Bulletin:

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Instructions Disposition
6A5905 (24-21-49)	1	127.00	Bracket, support Clipping Points 0317 & 0917	5W0061 (03-470)	(A)(B)(S1)

C. Instructions/Disposition Code Statements:

(A) New part is currently available.

(B) Old part is no longer available.

(S1) New part may be used in place of old part but not vice-versa.

NOTE: The estimated 1995 unit prices shown are provided for planning purposes only and do not constitute a firm quotation. Consult the IAE Price Catalog or contact IAE's Spare Parts Sales Department for information concerning firm prices.

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