



ENGINE - FUEL AND CONTROL - FUEL TUBES - INTRODUCTION OF SMALLER CLIP AT CLIPPING POINT  
7031 - CATEGORY CODE 6 - MOD.ENG-73-0066

1. Planning Information

A. Effectivity

- (1) Aircraft: McDonnell Douglas MD90
- (2) Engine: (a) V2525-D5 Engines prior to Serial No.V20018  
(b) V2528-D5 Engines prior to Serial No.V20018

B. Concurrent Requirements

None

C. Reason

- (1) Condition

See 'Background'

- (2) Background

During assembly it was highlighted that the clip currently installed at clipping point 7031 is too large to make sure the Bleed Valve Actuator Master to disconnect fuel pipe is correctly secured.

- (3) Objective

The introduction of a smaller clip is designed to make sure the pipe is correctly secured.

- (4) Substantiation

A smaller clip has been installed on trial installation and found to be satisfactory.

- (5) Effect of Bulletin on Workshop Procedures:

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

- (6) Supplemental Information

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None

D. Description

A smaller clip replaces the existing clip at clipping point 7031.

E. Approval

The part number changes and/or part modification 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 Engine Model listed.

F. Compliance

Category Code 6

Accomplishment when the sub-assembly (i.e. modules, accessories, components, build groups) is disassembled sufficiently to afford access to the affected parts 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

J. Weight and Balance

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

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K. Electrical Load Data

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

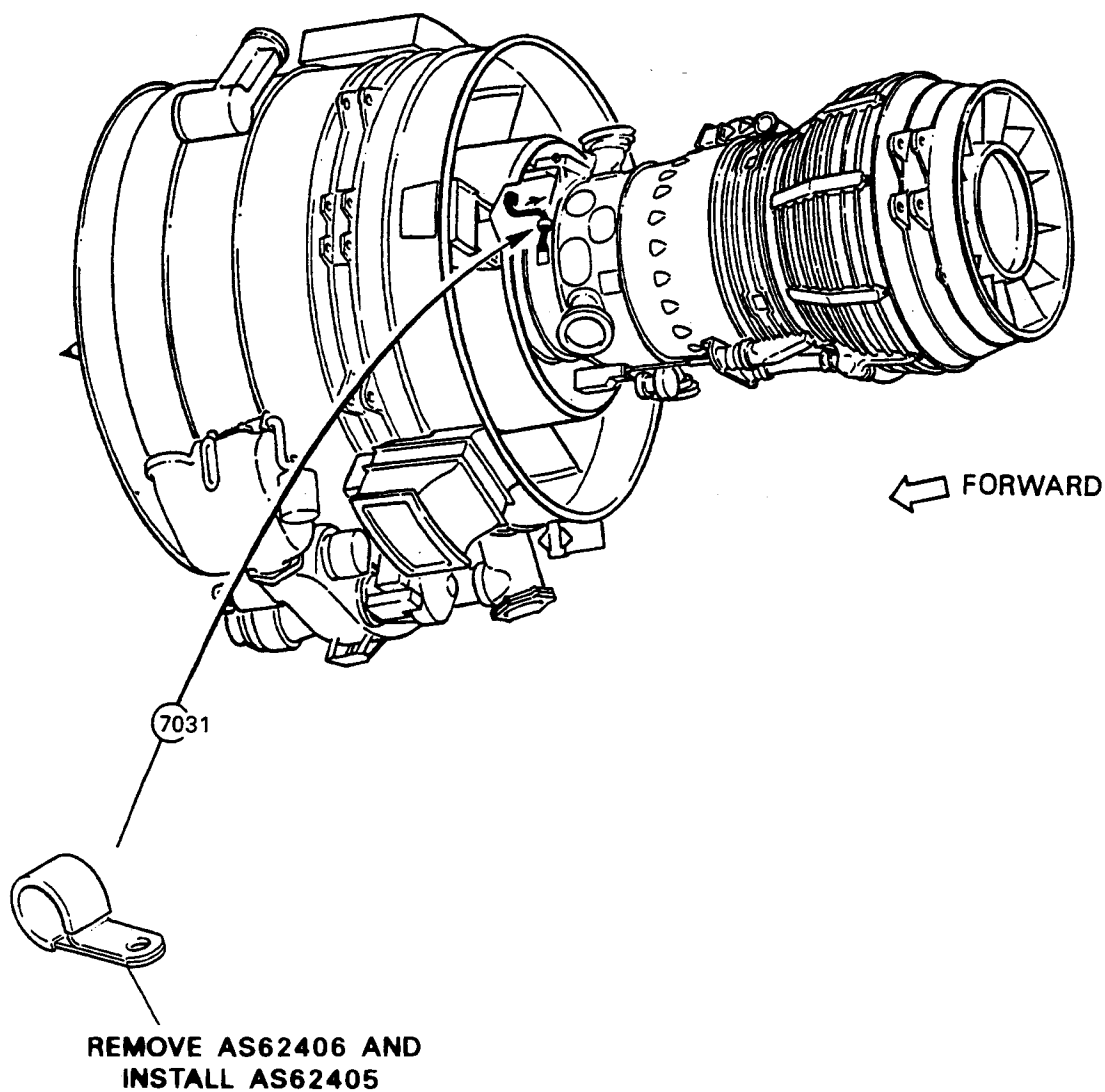
L. References

(1) Internal Reference No.

EC95VR002

M. Other Publications Affected

(1) V2500 Illustrated Parts Catalog (S-V2500-3IA), Chapter/Section 73-11-49.



E3700

Location of clip at clipping point 7031  
Fig.1

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A. Removal Instructions

- (1) Remove the AS20624 nut and 4W0133 bolt, disassemble clipping point 7031 sufficiently to remove AS62406 clip. Refer to Figures 1 and 2.

B. Rework Instructions

None

C. Installation Instructions

- (1) Assemble existing clipping point 7031, using new AS62405 clip, existing AS20624 nut, 4W0133 bolt and hardware. Refer to Figures 1 and 2.
- (2) Torque the nut to 36 to 45 lbfin (4 to 5 Nm)

D. Recording Instructions

- (1) A record of accomplishment is necessary.



## SERVICE BULLETIN

3. Material Information

Applicability: For all 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
AS62405 (73-11-49)	1	19.40	Clip CP7031	AS62406 (16-128)	(A)(B)(S1)

C. Instructions/Disposition Code Statements:

(A) New part is currently available

(B) Old part can be used up in other applications

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

NOTE: The estimated 1995 unit price shown is provided for planning purposes only and does 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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