



ENGINE - FUEL AND CONTROL - DO A CHECK TO FIND THE SHORT DATA ENTRY PLUG BACKSHELL
ASSEMBLIES - CATEGORY CODE 6 - MOD.ENG-73-0043

1. Planning Information

A. Effectivity

- (1) Aircraft: Airbus A320, A321
- (2) Engine: V2500-A1 Engine Serial Numbers between V0207 and V0303.
- (3) Any engine incorporating V2500-ENG-73-0029.

B. Reason

Some Data Entry Plug Backshells do not have the correct internal diameter. This can cause an interference with the anti-vibration rubber when the Data Entry Plug is disassembled/assembled.

C. Compliance

Category Code 6.

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

D. Approval

The "compliance" statement and the procedures described in paragraph F. of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Model listed.

E. References

- (1) Internal Reference No.

91VC046E

91VC046G

93VC507

- (2) Other References

V2500-ENG-73-0043



V2500-ENG-73-0029 (Engine - Fuel and Control - Provide a New Data Entry Plug Kit Assembly and Flange for Attaching Hardware for the Electronic Engine Control EEC).

V2500-ENG-73-0037 (Engine - Fuel and Control - To provide a New Electronic Engine Control (EEC) with The SCN12A Software Configuration).

V2500 Engine Illustrated Parts Catalog, Chapter/Section 73-22-35, Figure 1.

V2500 Components Maintenance Manual, Chapter/Section 73-22-35.

V2500 Engine Manual, Chapter/Section 72-00-32 Removal-30.

F. Action

- (1) IAE STRONGLY RECOMMENDS that the backshell of the Data Entry Plug Assembly be replaced only when the data entry plug is DISCONNECTED from the EEC and DISASSEMBLED for rewiring.
- (2) Do an inspection of the engines specified to find the short Data Entry Plug Backshell Assemblies. See Figures 1 and 2.
 - (a) Measure the axial length of the backshell. See Figure 2.
 - (b) If you have a short green backshell, 1.700 in (43,180 mm), you must replace it with a long backshell, 2.170 in (55,118 mm).
- (3) Make a mark to identify the Data Entry Plug Backshell as follows:
 - (a) For V2500-A1 Data Entry Plug Backshells, vibration peen the letters XXXX after the word "Variant" on the long backshell. Variant identifiers are only used for the V2500-A5.
 - (b) Vibration peen the Variant (V2500-A5 only), part no., rating bump no., and EPR modifier no., on the long backshell, EXACTLY as it appears on the Data Entry Plug backshell removed from the engine.

G. Parts affected by this bulletin:

2A2303 Backshell
ST1093-08 Collar
ST2147-02 Pin

- (1) Parts can be ordered from IAE on a No Cost Purchase Order. No kits are associated with this Service Bulletin.

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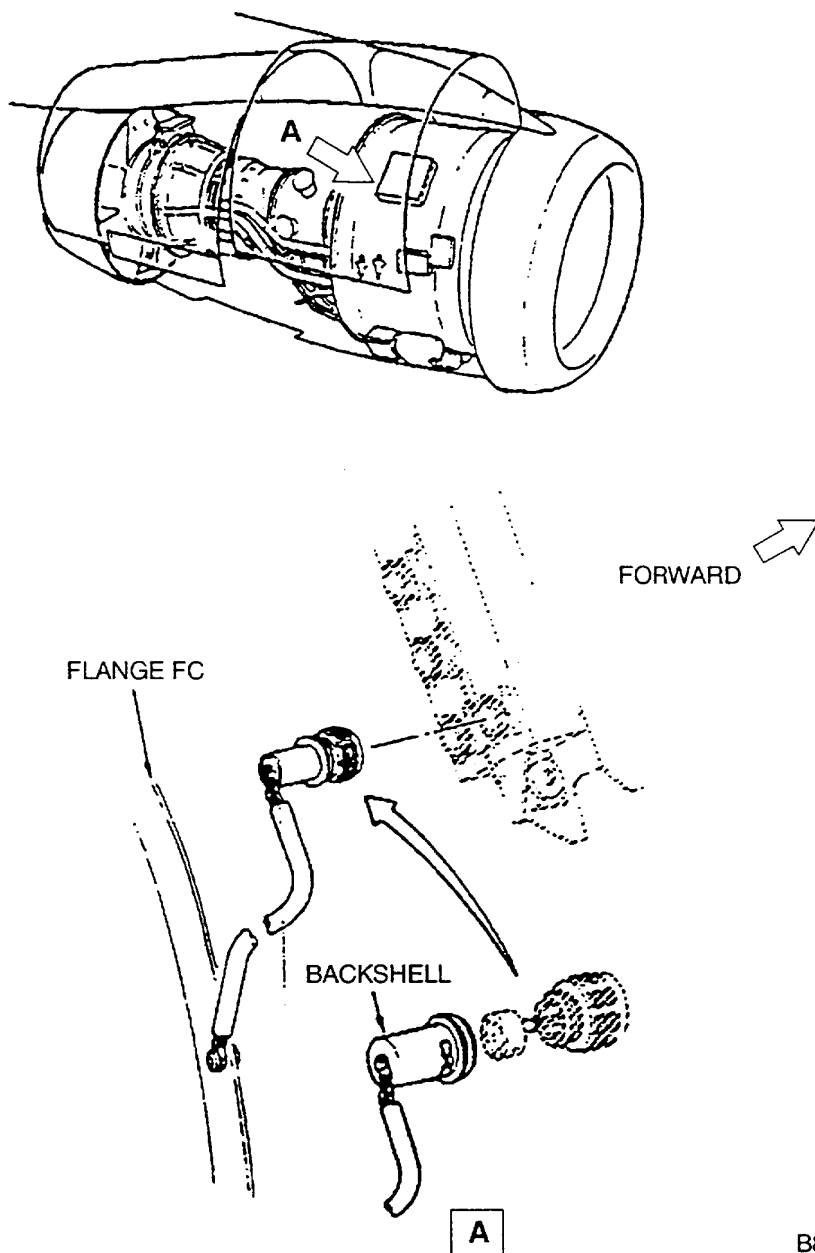


H. Disposition

- (1) Return all short data Entry Plug Backshells to IAE.

I. Recording Instructions

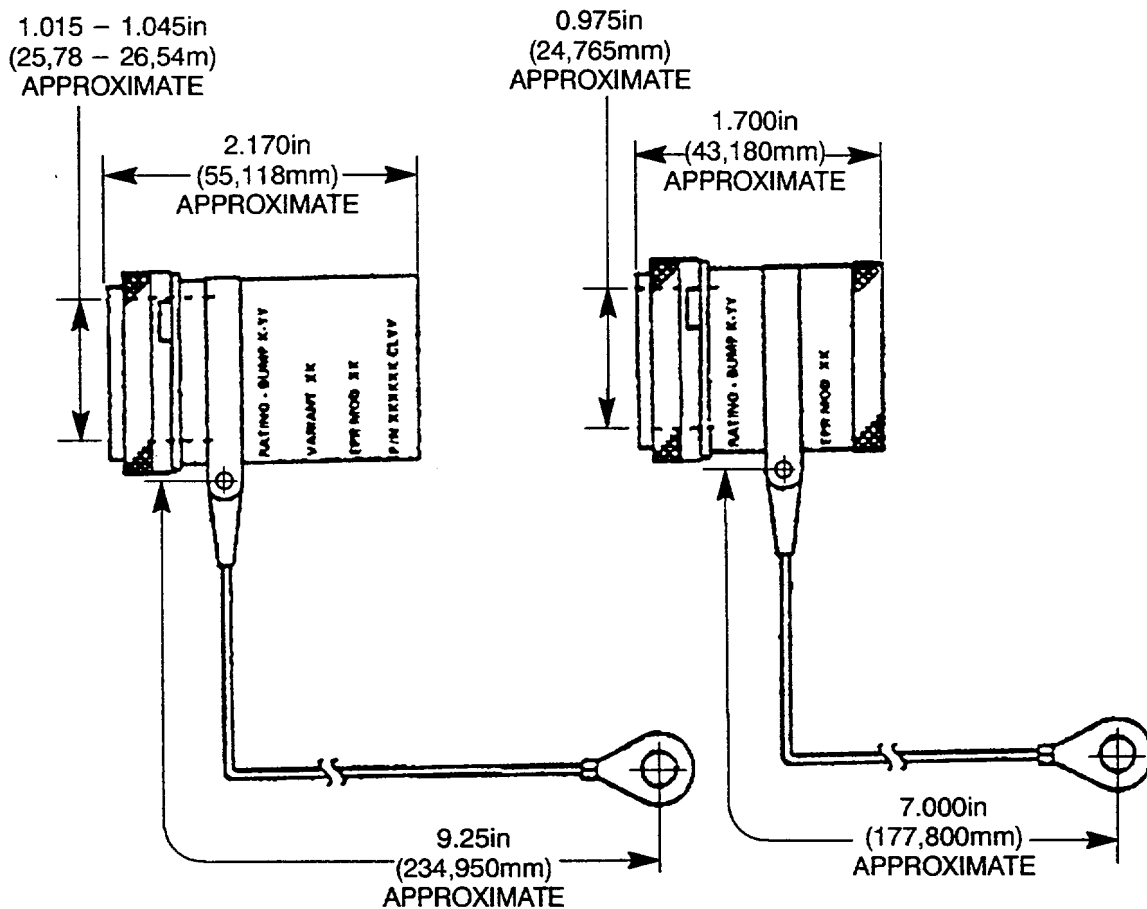
- (1) A record of accomplishment is necessary.



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Location of the Data Entry Plug Assembly Backshell
Fig.1

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Inspection of the Data Entry Plug Assembly Backshell
Fig.2



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