

T-073 Inspection Limits and Repair

Firewall Assembly, Vertical

Engine Application(s):	Allison 250-C28, C30, C40, C47 Series
Subject:	Inspection and Rework Procedure for the E23032326 Firewall Assembly, Vertical.
Compliance:	Any time the Vertical Firewall is removed during overhaul. Refer to the following Table for Inspection and Rework Procedures. Table 1: Inspection and Rework Limits
Notes:	Refer to OEM's published data for installation, engine operation, and disassembly.
Revisions:	N/C Dated: 1/15/03 Initial Release. A Dated: 4/20/07 AMS 5680 was AMS 5645. B Dated: 8/13/09 Updated EXTEX to TIMKEN. C Dated: 2/05/16 Updated Timken to EXTEX Engineered Products.

REASON:

To provide instructions for continued airworthiness

DESCRIPTION:

Instructions for continued airworthiness.

APPROVAL:

Technical aspects are FAA Approved

WEIGHT AND BALANCE:

Not Affected

PREREQUISITES:

None

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ACCOMPLISHMENT INSTRUCTIONS:

Inspect as follows:

TABLE 1

Condition	Service Limit	Repair Limit	Corrective Action
Cracks, Visual and FPI*.	None	Repair any cracks.	Weld repair or replace Assembly. Any part that can be repaired without interference, after welding, is acceptable.
Dents	None	Repair any dent that can be removed.	Ding out dents.
Lip damage to slip joint retainer.	Dents causing lip closure not acceptable.		Reshape as required for mating with horizontal fire shield.
Vertical mounting pads.	0.002 in max. difference with respect to each other.		Plate with AMS 2404 or AMS 2406.

NOTES:

- * FPI per approved Water Washable technique.
Use AMS 5680 or equivalent weld wire for all repairs.

Parts meeting the above criteria are eligible for return to service.

MATERIAL INFORMATION:

N/A