

# Service Bulletin

S.B. No: 180

**Title:** INSPECTION OF ALTERNATOR/STARTER WIRING LOOM P-CLIPPING AT ENGINE

**Classification:** This Service Bulletin has been classified by the CAA as Mandatory

**Compliance:** At next 50-hour maintenance

**Applicability:** T67A, T67B, T67C, T67M, T67M-MkII, T67M200, T67M260 and T67M260-T3A

**INTRODUCTION:**

A case has been reported of the alternator wiring loom chafing against the rocker cover oil drain back pipe. On further investigation, it was found that the 'p' clip on the pipe had been fitted incorrectly, bringing the loom into contact with the pipe, which then chafed through the pipe causing oil to seep out.

Other aircraft were then inspected and they too were found to have the 'p' clip incorrectly positioned.

This Service Bulletin is a one time inspection and rectification.

**ACTION:**

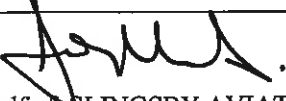
1. Check master switch, ignition switch and fuel are OFF. Disconnect external power and hangar aircraft if required.
2. Gain access to the engine bay.
3. Inspect both the alternator wiring loom starboard side and starter loom port side of engine for correct 'p' clip assembly, ref. Figure 1. Ensure loom is positioned away from all engine components and structure.

**Note:** On T67A, looms may not have been clipped to the oil drain back pipe. If cables are seen to be in contact with the engine, then apply 'p' clipping as per Figure 1 detail as required.

4. Should 'p' clip not be as Figure 1 then disassemble. Inspect oil drain back pipe for chaffing: if damaged replace pipe. Check looms for chafing. If looms lightly chafed, repair by re-insulating with heatshrinkable sleeving or similar permanent repair. If chafing is more severe and wire conductor is damaged, rectify by replacing affected wire.
5. Assemble 'p' clip and loom back to pipe as per Figure 1.
6. Annotate logbook "SB 180 complied with."



For replacement parts or materials please contact SAL Spares Controller.

Approved by:  For and on behalf of SLINGSBY AVIATION LIMITED	Date: 30 <sup>th</sup> April 03	Issue 1
Kirkbymoorside, York. YO62 6EZ Tel: 01751 432474 Fax No: 01751 431173 E-mail: SAL5@Slingsby.co.uk	Page 1 of 2	

T67M260 HP ENGINE SHOWN  
OTHER ENGINES SIMILAR

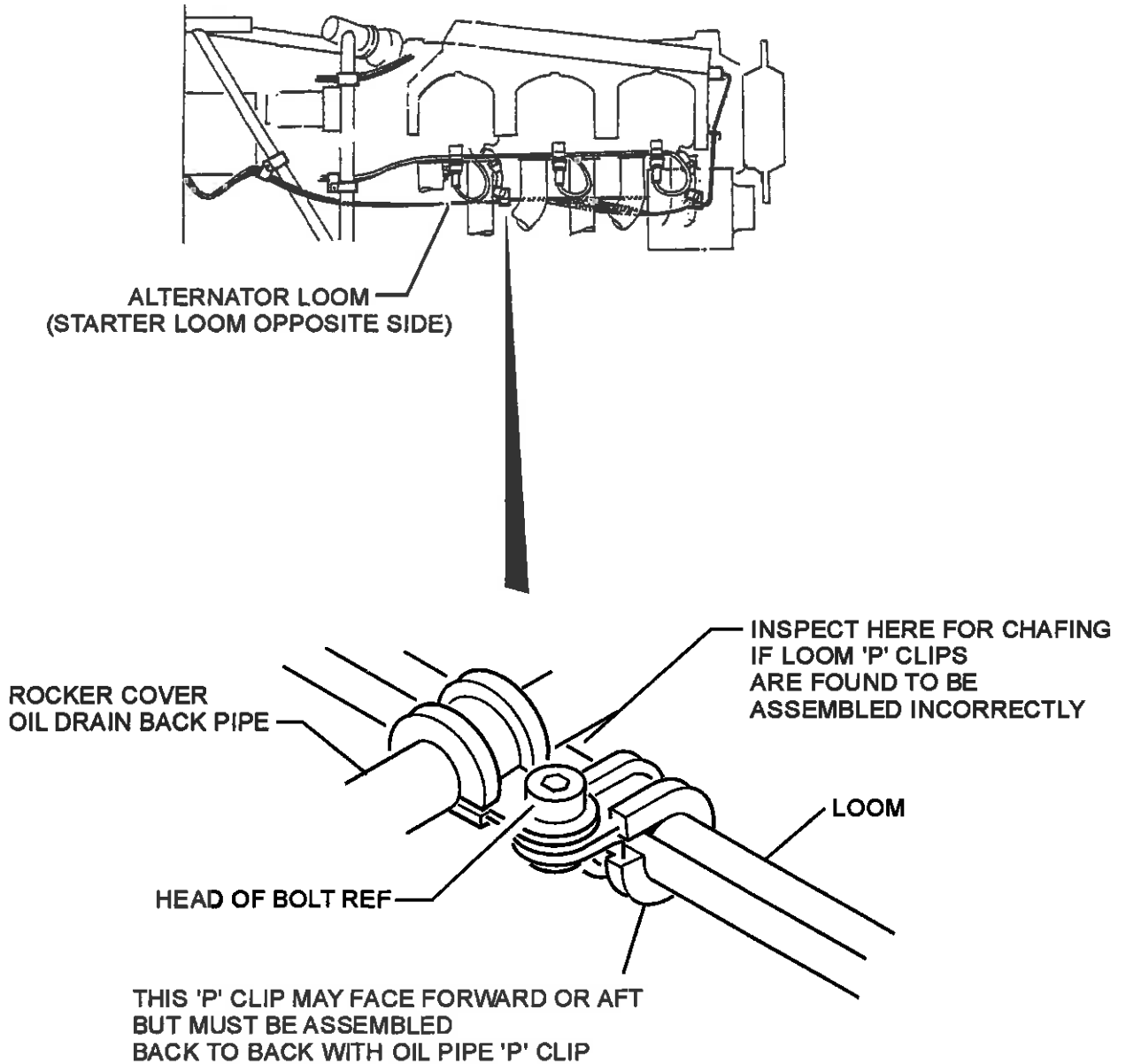


FIGURE 1