



	Service Letter SL 31A	DOA - No. EASA.21J.020
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Planning Information

MTV-9-B-S/198-58B

Rework and Modification of Blade Preload Nut A-1368 and Blade Ferrule A-1367

Background:

During operation the pre-load / bearing washer C-235 can wear into the Blade Ferrule A-1367.

The Blade Ferrule can be reworked according to this Service Letter in the affected area according to Figure 1.

The Preload Nut A-1368 must be reworked before assembly that the outer O-ring has lower friction. The dimension in Figure 2 should be maximum 4,1 mm (0,161 inch).

Effected Parts:

Blade Ferrule A-1367

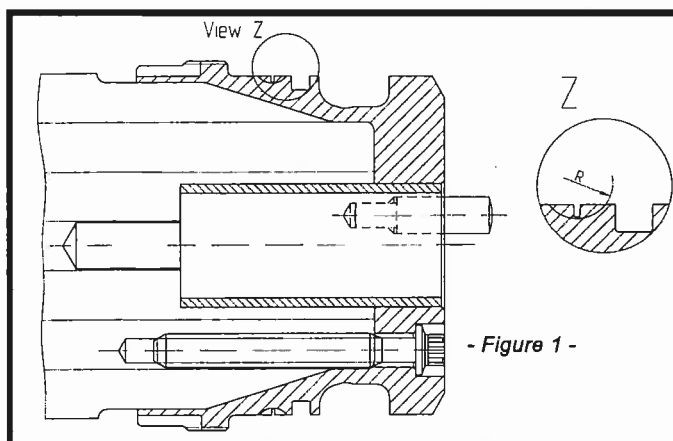
Blade Preload Nut A-1368

Work Procedure:

Clamp the complete blade at the Blade Ferrule into the lathe (maximum 150 rpm).

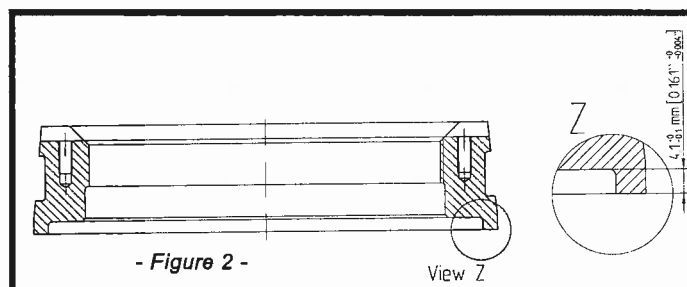
Rework the worn area with a radius tool (radius 3-5 mm / 0,12 - 0,20 inch)

until the sharp worn area is round. Remove not more material so that a minimum diameter of 103,5 mm (4,07 inch) is still existing. After rework treat the area with Alodine.



Clamp the blade pre-load nut into a lathe and rework the nut until a dimension of 4,1 mm (0,161 inch) is given. After rework re-anodize nut or put Alodine on affected area.

Since mid of year 2004 the Preload Nuts are already manufactured with this dimension.



Publications Affected:

Overhaul Manual E-220;

Standard Practice Manual E-808;

Follow all standard procedures for disassembly / assembly and repair as described in the affected Manuals.

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