



Rolls-Royce

ADVANCED RELEASE

TO: Holders of RR300 Series Operations and Maintenance Manual, Publication CSP 21009.

Reason: Revised inspection procedure.

Component: Compressor Front Bearing Oil Seal

Remarks: Contact Rolls-Royce

72-30-17-200-801

Jul 31/23



COMPRESSOR FRONT BEARING OIL SEAL INSPECTION/CHECK

TASK 72-30-17-200-801

1. Do the Inspection of the Compressor Front Bearing Oil Seal

A. General

This task gives you the procedure to do the inspection of the compressor front bearing oil seal.

B. Materials

- (1) Chart, seal face flatness.
- (2) Flat, optical.
- (3) Light, helium monochromatic.

C. Consumable Materials

None

D. Expendable Parts

None

E. Special Tools and Equipment

None

F. References

None

G. Procedure

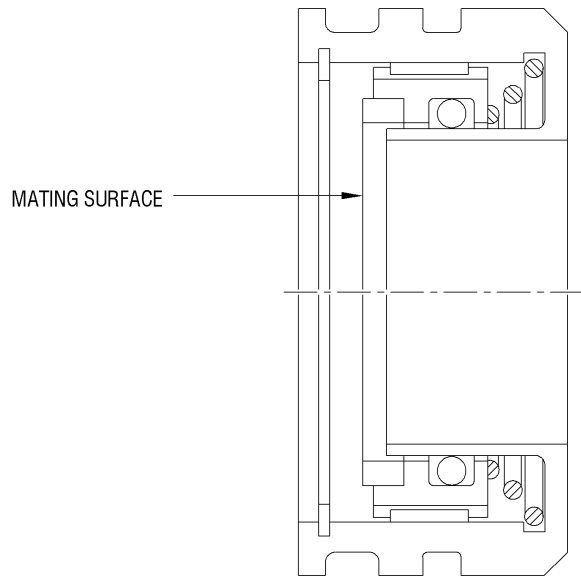
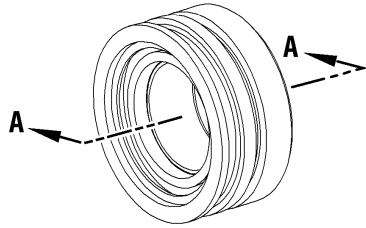
SUBTASK 72-30-17-220-001

REF. FIG. 801/TASK 72-30-17-990-801

- (1) Do the visual inspection of the compressor front bearing oil seal.
 - (a) Use an optical flat, helium monochromatic light and seal flatness chart for this inspection.
 - (b) The optical flat can be positioned without external support on the surface being examined.
 - (c) If necessary, the part can be pushed down to make sure the surface being examined touches the optical flat.
 - (d) The loads put on the part are to be equally applied and to be a maximum of 4 lb. (1.81 kg) for each 1.00 in. (25.4 mm) of part diameter.
 - (e) Do the visual inspection of the compressor front bearing oil seal to the limits that follow:

ITEM	SERVICEABLE LIMITS	REPAIR LIMITS	ACTION NECESSARY
Compressor front bearing oil seal			
- Flatness of mating surface	Maximum of six helium light bands.	There is no limit to the quantity.	Repair per FAA approved repair or replace the compressor front bearing oil seal.

EFFECTIVITY: ALL



SECTION **A-A**

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Compressor Front Bearing Oil Seal - Inspection/Check
FIG. 801/TASK 72-30-17-990-801

EFFECTIVITY: ALL