



Rolls-Royce

ADVANCED RELEASE

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

Reason: Revised removal procedure.

Component: Compressor Assembly

Remarks: Contact Rolls-Royce

72-30-00-000-801

Jul 31/23



COMPRESSOR ASSEMBLY
DISASSEMBLY

TASK 72-30-00-000-801

1. Remove the Compressor Front Support

A. General

This task gives you the procedure to remove the compressor front support.

B. Materials

None

C. Consumable Materials

None

D. Expendable Parts

None

E. Special Tools and Equipment

None

F. References

- (1) TASK 75-11-00-000-801, Remove the Anti-icing System Tubes.
- (2) TASK 79-00-00-000-801, SUBTASK 79-00-00-020-001, Remove the Gearbox-to-front Support Pressure Oil Tube.
- (3) TASK 79-00-00-000-801, SUBTASK 79-00-00-020-002, Remove the Front Support-to-gearbox Scavenge Oil Tube.

G. Procedure

SUBTASK 72-30-00-000-001

- (1) Remove the tubes connected to the compressor front support.
 - (a) Remove the gearbox-to-front support pressure oil tube (REF. SUBTASK 79-00-00-020-001).
 - (b) Remove front support-to-gearbox scavenge oil tube (REF. SUBTASK 79-00-00-020-002).
 - (c) Remove the anti-icing valve-to-front support tube (REF. TASK 75-11-00-000-801).

SUBTASK 72-30-00-000-002

REF. FIG. 501/TASK 72-30-00-990-801

CAUTION: DO NOT REMOVE THE COMPRESSOR FRONT SUPPORT UNLESS THE COMPRESSOR IS VERTICAL WITH THE FRONT SUPPORT ON TOP. IF THE COMPRESSOR IS NOT VERTICAL WITH THE FRONT SUPPORT ON TOP DURING REMOVAL, THE COMPRESSOR FRONT SUPPORT CAN BE HARD TO INSTALL AND ENGINE DAMAGE CAN OCCUR.

- (2) Remove the compressor front support.
 - (a) Put the compressor vertical with the front support on top.
 - (b) Remove the nut (9) from the front support (7).
 - (c) Remove the six bolts (8) that attach the front support (7) to the compressor shroud housing assembly (6).

EFFECTIVITY: ALL

DISASSEMBLY- 801

72-30-00

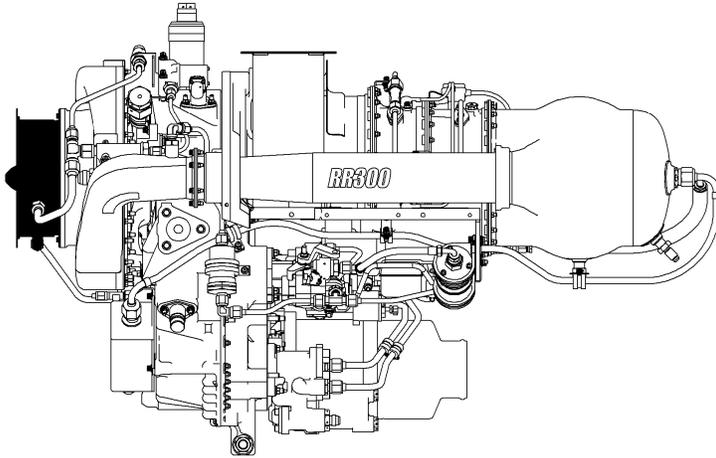
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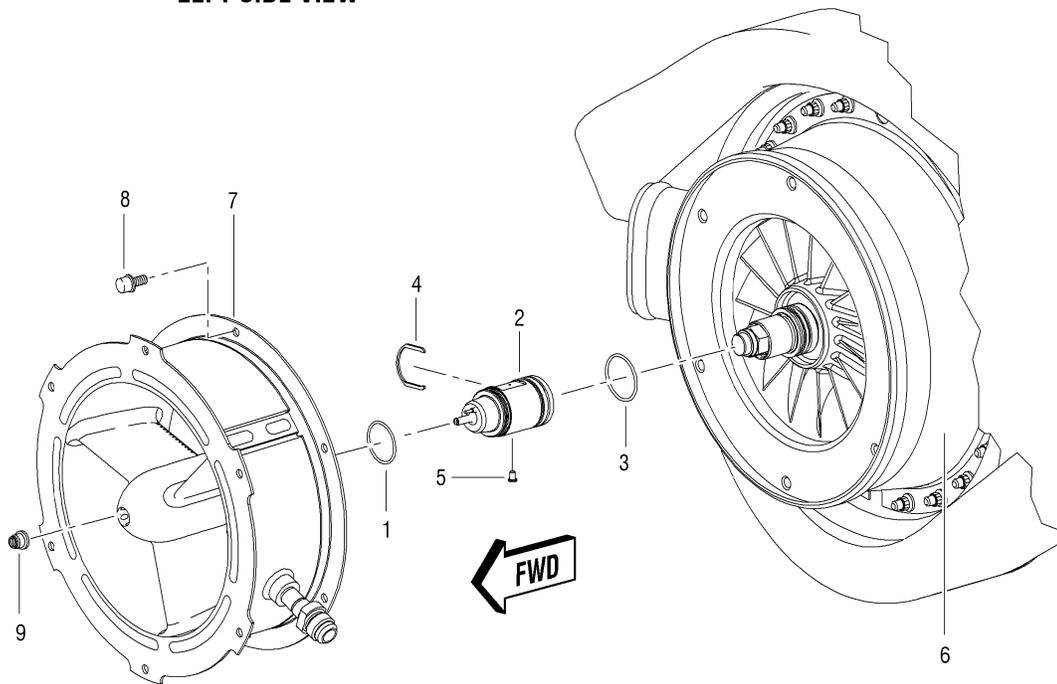
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- (d) Remove the front support (7) from the compressor shroud housing assembly (6). Discard O-ring (1) and O-ring (3). Make sure the retainer (4) and the pin (5) do not fall into the compressor.

EFFECTIVITY: ALL



LEFT SIDE VIEW



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Compressor Front Support - Removal
REF. FIG. 501/TASK 72-30-00-990-801

EFFECTIVITY: ALL

