

T-076 MANDATORY SERVICE BULLETIN

E6893673 Torquemeter Gear, Inspection of Certain Serial Numbers

Engine Application(s):	Rolls – Royce 250-C30, -C30L, -C30M, -C30P, -C30S, -C30R, -C30U, -C30R/1, -C30R/3, -C47B, -C47M
Subject:	Inspection of certain Torquemeter Gears prior to return to service
Compliance:	See description for applicable Serial Numbers and time
Revisions:	NC Dated: 4/17/03 Initial Release. A Dated: 7/03/03 Revised compliance and description. B Dated: 8/13/09 Updated EXTEX to TIMKEN. C Dated: 2/05/16 Updated Timken to EXTEX Engineered Products.

REASON:

Radiographic inspection (X-Ray) of the Electron Beam Weld joint (EBW) prior to return to service.

DESCRIPTION:

This bulletin provides instructions for removal and return to service for E6893673 gears. Serial Numbers that MUST be removed and inspected within next 75 hours of operation:

S/N's CI20-071, CI20-072, CI20-073, CI20-074, CI20-075, CI20-076, CI20-077, CI20-080, CI20-083, CI20-084, CI20-085, CI20-090, CI20-091, CI20-092

Serial Numbers that MUST be removed and inspected within next 150 hours of operation:

CI20-051, CI20-054, CI20-055, CI20-056, CI20-061, CI20-062, CI20-063, CI20-066, CI20-067, CI20-068, CI20-069, CI20-070, CI20-093, CI20-094

Serial Numbers that MUST be removed and inspected within next 500 hours of operation:

**DG16-052, DG16-056, DG16-060, DG16-063, DG16-064, DG16-065
PG4-051, PG4-053, PG4-054, PG4-057, PG4-061, PG4-062, PG4-063, PG4-065, PG4-066, PG4-067, PG4-068, PG4-069, PG4-070, PG4-074, PG4-075**

Note: "SB T-076" marked after the serial number indicates compliance with this Service Bulletin.

APPROVAL:

The Accomplishment Instructions section of this document is FAA Approved.

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ACCOMPLISHMENT INSTRUCTIONS:

- 1) Remove Torquemeter Gear in accordance with the OEM overhaul manual
 - a) Inspect Gear per applicable OEM data. Gears that are eligible for return to service must comply with this bulletin prior to return to service.
- 2) Return parts affected by this Service Bulletin to Extex for compliance.
 - a) Extex will radiographically inspect the EBW joint.
 - b) Extex will mark parts complying with this bulletin "SB T-076" after the serial number and return for re-installation.
- 3) Install serviceable Torquemeter Gear in accordance with the OEM overhaul manual.
- 4) Record compliance with this Service Bulletin in the gearbox logbook.