

Cleveland

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SERVICE BULLETIN

MAIN BRAKE ASSEMBLY 30-204A – TORQUE RING – INSPECT/REPLACE

- EFFECTIVITY:** Parker Hannifin Main Landing Gear Brake Assembly Model Number 30-204A, S/N's 101 thru 872, assembled with Torque Ring P/N 065-15400.
- APPLICABILITY:** Raytheon Aircraft Co. models 1900C and 1900D, equipped with Parker Hannifin, Aircraft Wheel & Brake, Main Wheel and Brake Assembly Conversion Kit P/Ns 199-184, 199-220, or 199-220A (ref. STC SA1789GL).
- REASON:** Raytheon Aircraft Co. (RAC) Service Bulletin 32-3576 introduced main landing gear (MLG) socket, RAC P/N 129-810022-0003. RAC P/N 129-810022-0003 interferes with Parker Hannifin P/N 065-15400. P/N 065-15400 is a component of Parker Hannifin Brake Assembly 30-204A that was used on Brake serial numbers 101 thru 872. Beginning with S/N 873, 30-204A Brake Assemblies are assembled with P/N 065-15401 when new.
- DESCRIPTION:** This document provides the necessary instructions to inspect, remove, and replace the Parker Hannifin P/N 065-15400 Torque Ring.
- Parker Hannifin Aircraft Wheel and Brake Division will supply replacement torque rings P/N 065-15401, one each in exchange for each returned Parker P/N 065-15400 Torque Ring.
- COMPLIANCE:** **Mandatory** - Perform accomplishment instructions at the time of installation of MLG Socket RAC P/N 129-810022-0003 or at the time of the next brake overhaul, whichever comes first.
- APPROVAL:** The contents of this Service Bulletin are FAA DER approved.
- WEIGHT & BAL.:** Not Applicable
- PUBLICATIONS:** This service bulletin will be incorporated into the Cleveland Wheels & Brakes Component Maintenance Manual, CMM 30-204A, at next revision.
- MATERIALS:** Contact Parker Hannifin, Aircraft Wheel & Brake Division Service Center (Ph. 1-440-937-1272) for instructions to obtain replacement 065-15401 torque rings.

ACCOMPLISHMENT INSTRUCTIONS:

- 1) At the time of installation of MLG socket RAC P/N 129-810022-0003, or at next brake overhaul whichever occurs first, inspect aircraft records to determine if Main Wheel and Brake Assembly Conversion Kit P/Ns 199-184, 199-220, or 199-220A are installed.
- 2) Aircraft that have been identified as not being equipped with Conversion Kit P/Ns 199-184, 199-220, or 199-220A may be returned to service.
- 3) For aircraft that are identified as being equipped with the 199-184, 199-220, or 199-220A Wheel and Brake Kit, inspect the Brake Assembly to determine which torque ring part number is installed (ref. Figure 1).

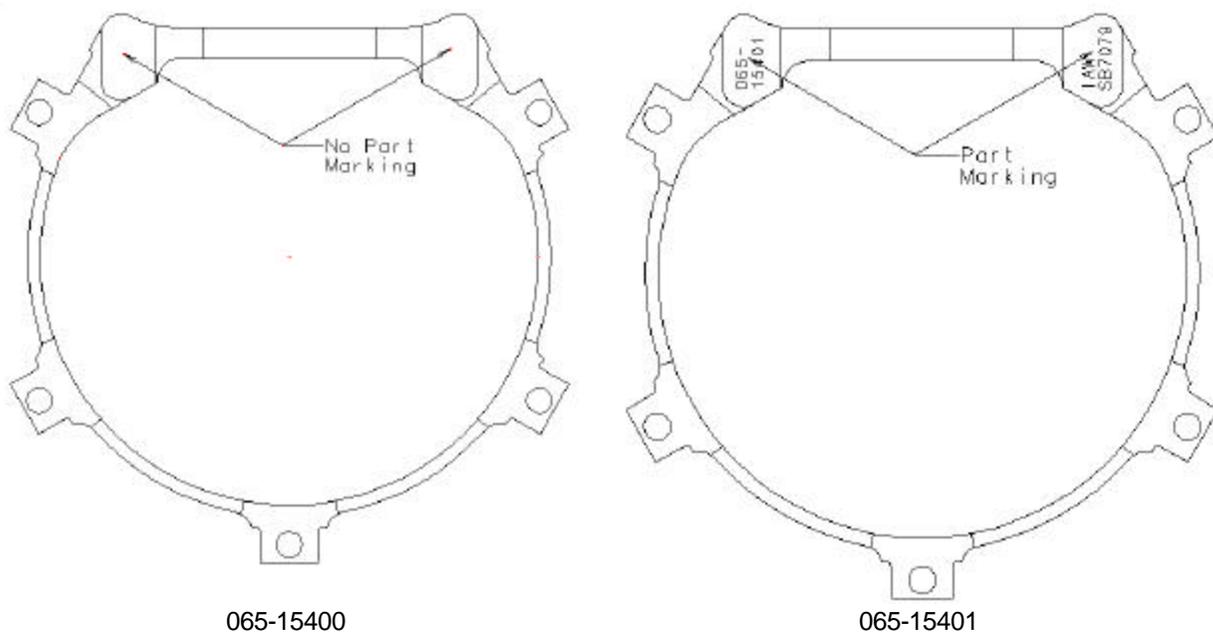


Figure 1

- 4) If inspection indicates that the 065-15400 torque ring is installed, contact Parker Hannifin, Aircraft Wheel & Brake Division Service Center (Ph. 1-440-937-1272) for instructions to obtain replacement 065-15401 torque rings.
- 5) Consult CM 30-204A for disassembly and assembly instructions as required. Re-assemble with P/N 065-15401 in lieu of 065-15400. Note that P/N 065-15401 is marked to indicate that the assembly has been reworked in accordance with (IAW) Service Bulletin SB7079.
- 6) Aircraft with 30-204A main brake assemblies, reworked to use Parker P/N 065-15401 torque rings, may be returned to service.