

Cleveland

Wheels & Brakes

Parker Hannifin Corporation

Aircraft Wheel & Brake

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PRODUCT REFERENCE MEMO

WHEELS & BRAKES - PREPARATION FOR SERVICE – ON-AIRCRAFT CLEANING

The following procedures are intended to extend the service life of wheel and brake equipment.

Wheel Assemblies: Refer to Figure 1

- Inspect bearings to ensure adequate grease and service as required using the preferred bearing grease per Mobil Aviation Grease SHC 100.
- If felt grease seals are used, lightly coat all surfaces of the seals with bearing grease prior to installing.
- If rubber lip seals are used, lubricate the bearing seal bore with bearing grease.

CAUTION: AVIATION WHEEL BEARING GREASES SHOULD NOT BE INTERMIXED WITH EACH OTHER. IF USING OTHER APPROVED GREASE, COMPLETE REMOVAL OF CONTAINED GREASE AND BEARING CLEANING IS REQUIRED.

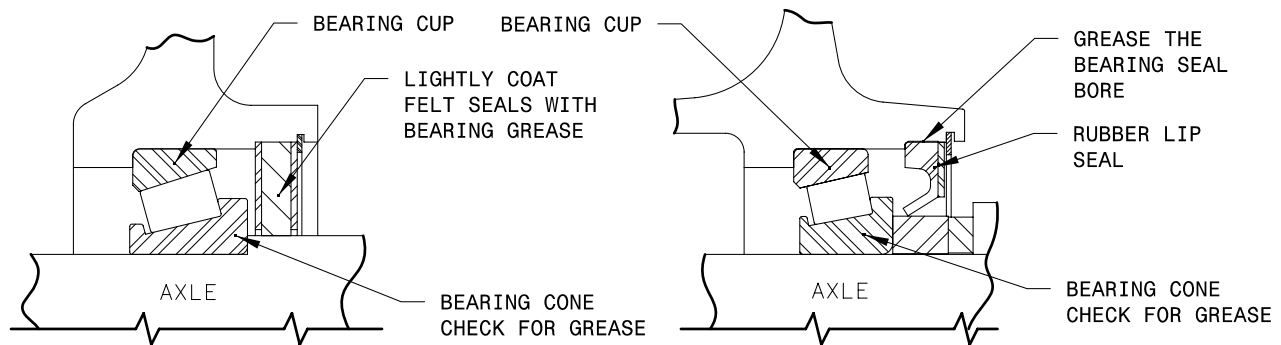


Figure 1

Brake Assemblies:

- Condition linings as applicable per PRM13A, PRM14A or individual maintenance manuals for internal type design.

On Aircraft Cleaning Procedure:

CAUTION: DO NOT USE HIGH PRESSURE SPRAY WASH EQUIPMENT. ITS USE CAN INJECT SOAP SOLUTION AND WATER INTO THE BEARINGS AND OTHER INTERNAL CAVITIES RESULTING IN CORROSION AND REDUCED SERVICE LIFE.

- Hand wash wheels & brakes with a mild soap and water solution. Rinse with low-pressure spray.

For additional assistance contact Technical Services:

Websites: www.clevelandwheelsandbrakes.com

www.parker.com/ag/wbd

E-mail: techhelp@parker.com

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