

Cleveland

Wheels & Brakes

Parker Hannifin Corporation

Aircraft Wheel & Brake

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PRODUCT REFERENCE MEMO

REPLACEMENT OF BRAKE ATTACHMENT BOLTS, NUTS AND WASHERS ON AIRCRAFT EQUIPPED WITH 199-125 MAIN WHEEL AND BRAKE CONVERSION KIT

APPLICABILITY: All aircraft converted to Cleveland Main Wheels & Brakes per Parker Hannifin, Aircraft Wheel & Brake Conversion Kit No. 199-125:

Beech Models 200, 200C, 200CT, 200T, B200, B200C, B200T and B200CT PER STC SA757GL

PURPOSE: Provides more rigid washers under brake attachment bolt heads and nuts. Field reports indicate that original washers tended to deform during service, causing wear at cylinder spotface area.

PROCEDURE: Within the next 100 hours, perform the following:

1. Jack aircraft and remove all four (4) main wheels per IM199-125 Manual, Section 8.1.
2. Remove existing brake attachment bolts, nuts and washers: Items 4, 5, and 6 of Kit 199-125.
3. Examine cylinder spotface area. Dress out any rough areas, using .688 dia. spotface: machine to minimum boss thickness of 1.160". Repaint as needed per CM30-162 Manual, paragraph 2.C. of REPAIR section.
4. Install new bolts, nuts and washers: one (1) washer under bolt head and one (1) washer under nut. Tighten at 150 in-lb. torque.
5. Install Main Wheels per IM199-125 Manual.
6. Make a log book entry referencing this activity and return aircraft to service.

**MATERIALS
REQUIRED:**

<u>P/N</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
103-24400	Bolt	4
095-14500	Washer	8
094-10400	Nut	4

Converts one (1) Aircraft.