

# Cleveland

Wheels & Brakes

Parker Hannifin Corporation

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# PRODUCT REFERENCE MEMO

## REPLACEMENT OF BACKPLATE BOLTS 103-15900 AND 103-16000 WITH NEW BOLTS 103-16700 AND 103-16800 (RESPECTIVELY) AS USED ON CLEVELAND BRAKE MODEL 30-170

**PURPOSE:** Replaces undrilled headed bolts with drilled headed bolts to provide for safety wiring of backplate bolts.

### MATERIALS

**REQUIRED:** 103-16700 bolt (MS21250H04036), Qty. 8 per aircraft.  
103-16800 bolt (MS21250H04024), Qty. 16 per aircraft.  
Safety wire per MS20995C20, Qty. as required.

**APPLICABILITY:** DeHavilland Twin Otter Models DHC-6-1, -100, -200 and -300. Those aircraft converted by Kit 199-92 to use Cleveland Main Wheels and Brakes per STC SA1065GL. Applicable only to those 30-170 brakes equipped with undrilled headed backplate bolts; brake manufacture date prior to 9/87.

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

1. Remove existing undrilled headed backplate bolts and replace with new drilled headed bolts as specified above.
2. Torque at 80 - 85 in-lb. and safety wire per FAA advisory circular EA-AC65-9A.
3. Update 199-92 Installation Manual as follows using new pages attached:  
  
Add new list of revisions page (Rev. D).  
Remove page 4, add page 4, Rev. D.  
Remove page 14, add page 14, Rev. D.  
Remove page 18, add page 18, Rev. D.
4. Make a log book entry showing compliance to PRM44.