

# Cleveland

Wheels & Brakes

## Parker Hannifin Corporation

Aircraft Wheel & Brake  
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# PRODUCT REFERENCE MEMO

## BOLT RECALL - P/N 103-21500

**PURPOSE:** Notify end user that certain bolts, P/N 103-21500, shipped after December 1, 1988 may not conform to AN5-71A dimensional requirement for bolt grip and overall length. Use of discrepant bolts can result in a "shank-out" condition. Such bolts should be removed from service upon detection.

**APPLICABILITY:** All aircraft equipped with Cleveland Wheel Models 40-133 or 40-175:

### Model 40-133

Air Tractor: AT-400, AT-402, AT-501, AT-502, AT-503, AT-503A

Ayres: S2R, S2R-600, S2R-800, S2R-PZL600, S2R-R1340,  
S2R-1820, S2R-T11, S2R-T15, 2R-T34, S2R-T41,  
S2R-T65, S2R-T65HG

Marsh Aviation Co.: S2R-T, G-164C-T

Schweizer: G164B, C, D

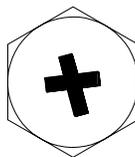
### Model 40-175

NDN Aircraft Ltd.: NDN6 Fieldmaster

**EFFECTIVITY:** At next scheduled wheel maintenance (one time only).

**COMPLIANCE:** Recommended.

**PROCEDURE:** Visually examine all wheel bolts P/N 103-21500. Compare bolt head identification symbol to that shown in Figure 1. If bolt head symbol matches symbol as shown in Figure 1, remove and replace with new bolt P/N 103-21500 or AN5-71A. Discrepant bolts may be returned to Parker Hannifin, Aircraft Wheel & Brake Division for credit. All required maintenance to be performed per applicable aircraft Maintenance Manual.



**NOTE:** SYMBOL SHOWN IS A CROSS WHOSE LEGS ARE OF UNEQUAL LENGTH, AND ANGLE BETWEEN LEGS IS NOT A TRUE 90°.

Figure 1 - Bolt Head Identification