

# Cleveland

Wheels & Brakes

## Parker Hannifin Corporation

Aircraft Wheel & Brake  
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# PRODUCT REFERENCE MEMO

## PRODUCT COLOR CHANGE

A product improvement has been implemented to replace our current topcoats and primers with more environmentally friendly materials. The application of gray (color no. 16440 per FED-STD-595) topcoat has been discontinued. Effective with the release of this PRM, white (color no. 17925 per FED-STD-595) topcoat will be used for the following wheel and brake assemblies and subassemblies:

Parker P/N	Description
30-161A	Brake Assembly
091-15600	Cylinder Sub-Assembly
40-202	Wheel Assembly, Main
161-12600	Wheel Half Sub-Assembly, Inner
162-11600	Wheel Half Sub-Assembly, Outer

Parker P/N	Description
40-210	Wheel Assembly, Nose
161-13200	Wheel Half Sub-Assembly, Inner
162-12300	Wheel Half Sub-Assembly, Outer
40-212	Wheel Assembly, Nose
161-13400	Wheel Half Sub-Assembly, Inner
162-12500	Wheel Half Sub-Assembly, Outer

During wheel and brake overhaul, it is at the discretion of the maintenance organization and their customer to use products of non-matching colors or to strip and repaint as required to match the pre-existing installed equipment. The following materials have been used in the manufacture of products above.

### New Materials:

Primer Coating: Epoxy Waterborne per MIL-P-85582B, Interim Amendment 2, Type I

- P/N 44-GN-24, Kit (P/N of Deft Chemical Coatings, Irvine, CA) or equivalent

Topcoat: Polyurethane, High Solids per MIL-P-85285B, Amendment 2, Type I

- White (#17925), P/N 03-W-127A Kit (P/N of Deft Chemical Coatings, Irvine, CA) or equivalent.

### Obsolete Materials:

Primer Coating: Epoxy per MIL-P-23377F, Type I, Class 1

- see QPL - 23377 -15, Amendment 2 for approved manufacturers

Topcoat: Polyurethane, Aliphatic Isocyanate, per MIL-C-83286

- Gray (#16440) see QPL - 83286-5 for approved manufactures

or

Topcoat: Epoxy

- Gray (#16440), P/N B62W101 (Part A) and P/N B60V70 (Part B) (P/N of Sherwin Williams, Garfield Heights, OH)