

# Cleveland

Wheels & Brakes

Parker Hannifin Corporation

**Aircraft Wheel & Brake**

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# PRODUCT REFERENCE MEMO

## 199-49 and 199-50 CONVERSION KITS

Cleveland installation drawings 50-27 and 50-28 for kits 199-50 and 199-49, respectively, list three Beech master cylinders that are compatible with the particular wheel and brake assemblies (40-98/30-66) or (40-83/30-54) provided in these kits. Design data is listed below:

<u>Beech Part No.</u>	<u>Bore Diameter</u>	<u>Stroke</u>	<u>Installed Length</u>
96-3800034-1	.750 inch	1.50 inch	8.62 inches
96-3800034-3	.625 inch	1.50 inch	8.75 inches
96-3800034-7	.750 inch	1.50 inch	7.37 inches

These master cylinders may also carry a part number with "VV" prefix, which can be interpreted as follows:

VV-15-62 = Master Cylinder Stroke 1.5 inch Bore .625 inch

VV-15-75 = Master Cylinder Stroke 1.5 inch Bore .750 inch

Before ordering replacement master cylinders, check installed length of present system and replace with the same length.

If present system has master cylinders with at least 1.5 inch useable stroke, and a minimum bore of .625 inches, no change is necessary.