

# MASTER BRAKE CYLINDERS

## HEGAR MASTER CYLINDERS

### 5" SINGLE LEVER MASTER CYLINDER

5" single lever, foot operated. Designed for single braking.

1/2" Bore.....P/N 06-01277 .....

5/8" Bore.....P/N 06-01671 .....

### 5" DUAL LEVER MASTER CYLINDER

5" dual lever, foot operated. Designed for differential braking. Comes in your choice of 1/2", 5/8" and 3/4" bore sizes.

1/2" Bore.....P/N 06-01278 .....

5/8" Bore.....P/N 06-01611 .....

### 7" SINGLE LEVER MASTER CYLINDER

7" single lever, hand operated. Designed for single braking. Comes in your choice of 1/2", and 5/8" bore sizes .....P/N 06-01279 .....

### 7" DUAL LEVER MASTER CYLINDER

7" dual lever, hand operated. Designed for differential braking. Comes in your choice of 1/2", 5/8" and 3/4" bore sizes .P/N 06-01280 .....

## STANDARD MASTER CYLINDER WITH 2 INCH ROUND PEDAL



16982 STANDARD master cylinder with 2" round pedal cylinder. STANDARD master cylinder with 2" round pedal. Can be used for hand or foot operation. Comes with mounting bracket as shown.

P/N 06-00328 .....



## MASTER CYLINDER PLUG

Master cylinder plug 1/8" NPT for Black Max.

P/N 06-01028 .....

## O-RING KIT FOR HEGAR BRAKES



Replacement o-ring for 6.375" or 6" brake caliper. Simply remove the piston, clean, lube and install the new o-ring for a perfect seal. Kit comes with two o-rings for one set of calipers (one aircraft).

P/N 15-05062 .....

## MASTER CYLINDER O-RING KIT



O-Ring Kit is for use with 5/8" bore cylinders in the 670, 671, 672, 673, and 674 Series. For use with MIL-H-5606 fluid only. O-Ring kit contains 1 ea of the following O-Rings: • Spruce P/N: AN6227B-3 (MS28775-008) • Spruce P/N: AN6227B-7 (MS28775-012). Spruce P/N: AN6227B-9 (MS28775-111) • Spruce P/N: AN6227B-10(MS28775-112)

P/N 06-00805 .....

## BONANZA & BARON BRAKE MASTER CYLINDER UPGRADE / REPAIR KIT



The Marsh Brothers Aviation Bonanza brake master cylinder upgrade kit contains all of the hardware to repair/upgrade your Baron brake master cylinder. Additionally, the kit also includes tooling to aid in the re-assembly. The piston rod seal (Thorseal®) provided is a Marsh Brothers Aviation proprietary lip seal design and is manufactured from a proprietary elastomeric polymer. The Marsh Brothers Aviation Thorseal® replaces both the OEM O-ring and rod wiper. The kit also includes installation instructions, instructions for continuing airworthiness and an authorized release certificate.

P/N 05-26909 .....

## PIPER PA32 / PA44 SERIES BRAKE MASTER CYLINDER SERVICE KIT



TCBM-PA32 brake master cylinder kit for the Piper PA28 and PA32 series with the Cleveland 10-30 / 455-968 master cylinder.

P/N 04-04069 .....

## BRAKE MASTER CYLINDER KIT FOR CESSNA 150 / 172 / 175 / 337



For Cessna 150 / 172 / 175 / 337 with 0541138 brakes PPBMC45 .....P/N 05-27526 .....

## BEECH BRAKE MASTER CYLINDER UPGRADE/ REPAIR KIT FOR KING AIR / 1900 / MODEL 99



Marsh Brothers' Brake Master Cylinder upgrade & repair kit is a proactive solution that will eliminate the risk of failure due to leaks at the piston rod seal. By eliminating typical O-ring failure modes, this upgrade kit will increase mean time between unscheduled maintenance events keeping your aircraft in the air longer, while reducing maintenance costs

associated with your brake master cylinder.

Installation of the Marsh Brothers brake master piston rod seal offers the opportunity to practice preventative maintenance, by eliminating the risks associated with the typical failure modes of traditional O-rings used in dynamic seal applications.

Kit contains all of the hardware to repair/upgrade your King Air brake master cylinder. Additionally, the kit also includes tooling to aid in the re-assembly. The piston rod seal (AeroLas™-Flex) provided is a Marsh Brothers Aviation proprietary lip seal design and is manufactured from a proprietary elastomeric polymer. Thorseal® replaces both the OEM O-ring and rod wiper. The kit also includes installation instructions, instructions for continuing airworthiness and an authorized release certificate.

**Note:** The Piston is not included in this kit.

**Caution:** Thorseal® is made from AeroLas™-Flex. AeroLas™-Flex is not compatible with phosphate ester hydraulic fluid, commercially known as Skydrol. Exposure to phosphate ester hydraulic fluid contamination will damage the seals.

**Features:** • Applicable to OEM P/N 90-380001-23, 90-380001-29, 90-380001-33 series brake master cylinders. • Piston Rod Lip Seal eliminates risk of typical failure modes associated with traditional O-rings used in dynamic applications. • The proprietary elastomeric polymer offers improved lower pressure sealing performance and overall cold weather performance. • Installation Tooling included - Seal compression ring, thread sleeve, and push tube. • Delivery documentation includes copies of all STC certificates and a Transport Canada Form One (authorized release certificate) to keep your logbook up-to-date.

P/N 05-26910 .....

## CIRRUS PIPER / MOONEY CLEVELAND BRAKE MASTER CYLINDER UPGRADE /REPAIR KIT



**Note:** The Piston is not included in this kit.

The Marsh Brothers Aviation Cirrus (Aerostar / Mooney) Cleveland Brake Master Cylinder upgrade kit contains all of the hardware to repair/upgrade your Mooney Cleveland Brake Master Cylinder. Additionally, the kit

also includes tooling to aid in the re-assembly. The piston rod seal (AeroLas™-Flex) provided is a Marsh Brothers Aviation proprietary lip seal design and is manufactured from a proprietary elastomeric polymer. AeroLas™-Flex replaces both the OEM O-ring and rod wiper. The kit also includes installation instructions, instructions for continuing airworthiness and an authorized release certificate.

**Caution:**

Piston Rod Lip seal is made from Marsh Brothers proprietary material known as AeroLas™-Flex. AeroLas™-Flex is not compatible with phosphate ester hydraulic fluid, commercially known as Skydrol. Exposure to phosphate ester hydraulic fluid contamination will damage the seals.....P/N 05-27283 .....

## PIPER PA28 / PA32 SERIES HAND BRAKE MASTER CYLINDER KIT



TCBM-PA28 brake master cylinder kit for the Piper PA28 and PA32 series with the Cleveland 10-22 / 455-938 master cylinder.

P/N 04-04043 .....

## PIPER PA28 / PA32 / PA44-180 SERIES GAR-KENYON BRAKE MASTER CYLINDER KIT



Gar Kenyon 17000 TCBM-17000 brake master cylinder kit for the Piper PA28 and other models with the 17000 / 455-944 master cylinder.

P/N 04-04044 .....