

PITOT REPLACEMENT KIT

USER GUIDE

Item#: HMP

OVERVIEW

The Pitot Replacement Kit replaces pitots that become damaged by rocks or flushing debris for the 2 ½" Hose Monster® (Item#: HM2H). The kit includes the entire pitot system for the 2 ½" Hose Monsters and upgrades the 2 ½" Hose Monster Flusher to the 2 ½" Hose Monster.



COMPONENTS

- 1) 1 – new pitot
- 2) 2 - splash guards
- 3) 1 - pin, spring, ball and set screw
- 4) 1 - flow chart
- 5) 1 - locking Pin and chain

OPTIONAL ACCESSORY (SOLD SEPARATELY)

- 6) Pitot Change-Out Kit (Item#: PCK). The Pitot Change-out Kit simplifies the job of changing out a Hose Monster pitot. The 6" long ½" hex socket tool (¼" drive) is used so that removing, installing and adjusting the setscrew is done with ease. A standard ½" 90-degree hex wrench will also work, but is more time consuming. The magnet is used to keep from losing the ball, spring, pin and setscrew.

REMOVING THE OLD PITOT

- 1) Stand your 2 ½" Hose Monster on a flat surface on the discharge end so that the pitot handle is on top.
- 2) Insert a ⅛" hex wrench into the setscrew located on the downstream side of the pitot locking plate bracket.
- 3) Use the hex wrench to loosen the setscrew. With your other hand, swivel the pitot handle back and forth while applying upward pressure to the handle. The idea is to feel when the setscrew is loosened sufficiently to allow the pitot shaft to be removed.
- 4) Remove the old pitot and old splash guards. Be careful not to lose the ball bearing, spring, and pin. You may use a magnet to collect the ball bearing, spring and pin.
- 5) Clean the area inside the Hose Monster body where the new adhesive backed splash guards will make contact. Sandpaper or steel wool is recommended.



INSTALLING THE NEW PITOT

- 6) Position the gauge-connecting end of the new pitot toward the inlet. Insert the new pitot half of the way in.
- 7) Remove backing of the splash guards and slide both splash guards over the new pitot with the adhesive side against the inlet pipe.
- 8) Insert the new pitot completely.
- 9) Locate the groove in the new pitot in the center of the locking plate.
- 10) Turn the handle 45 deg. The handle will be at approximately the 4 o'clock position.
- 11) Tighten the setscrew until the pitot feels locked. (DO NOT OVER TIGHTEN)
- 12) Loosen the setscrew ¼ turn.
- 13) Insert locking pin. Occasionally a misalignment may occur, not allowing the locking pin to insert. This can be remedied by drilling through the locking block with a ⅛" drill bit.

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