

MDL Hydraulic Fitting Kit

Roll Pin (split pin) Instructions



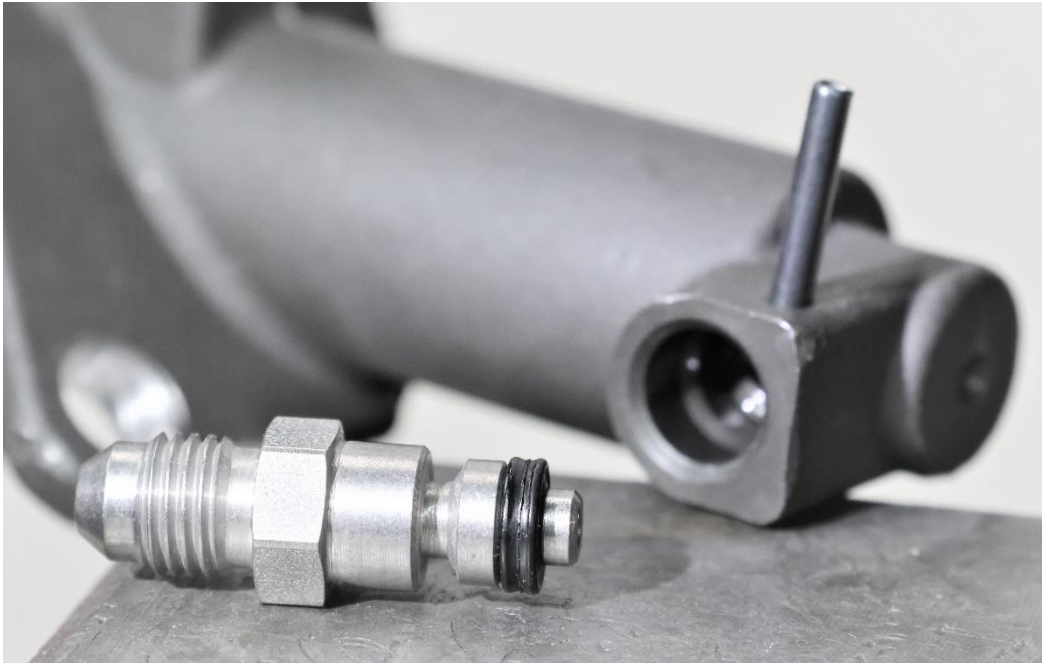
Note: it is easiest to do this operation with 3 hands so get some help.

To remove the existing line-end from the cylinder... remove the cylinder from the vehicle and support the roll-pin fitting area on top of a vice. Remove any cotter pin that may be installed. Use a 1/8" punch to drive out the existing roll pin.



Remove and discard the line-end and quad-ring. You may keep the roll-pin and repurpose.

Supporting the roll-pin boss...start the roll pin in the cylinder with a light tap.



Install the replacement quad-ring on the fitting and lubricate with DOT 3 brake fluid.

Caution: If you do not compress the fitting slightly... the pass-thru of the roll-pin will cause the edge of plastic cylinders to crack and the cylinder will have to be replaced.

Install the fitting with quad-ring into the cylinder and compress slightly to align the roll-pin thru-hole in the cylinder.



There are 3 ways to finish installing the roll pin:

- 1) Tap the roll pin in so it is centered in the pass-thru.



- 2) Use the vice to push the roll-pin in place.

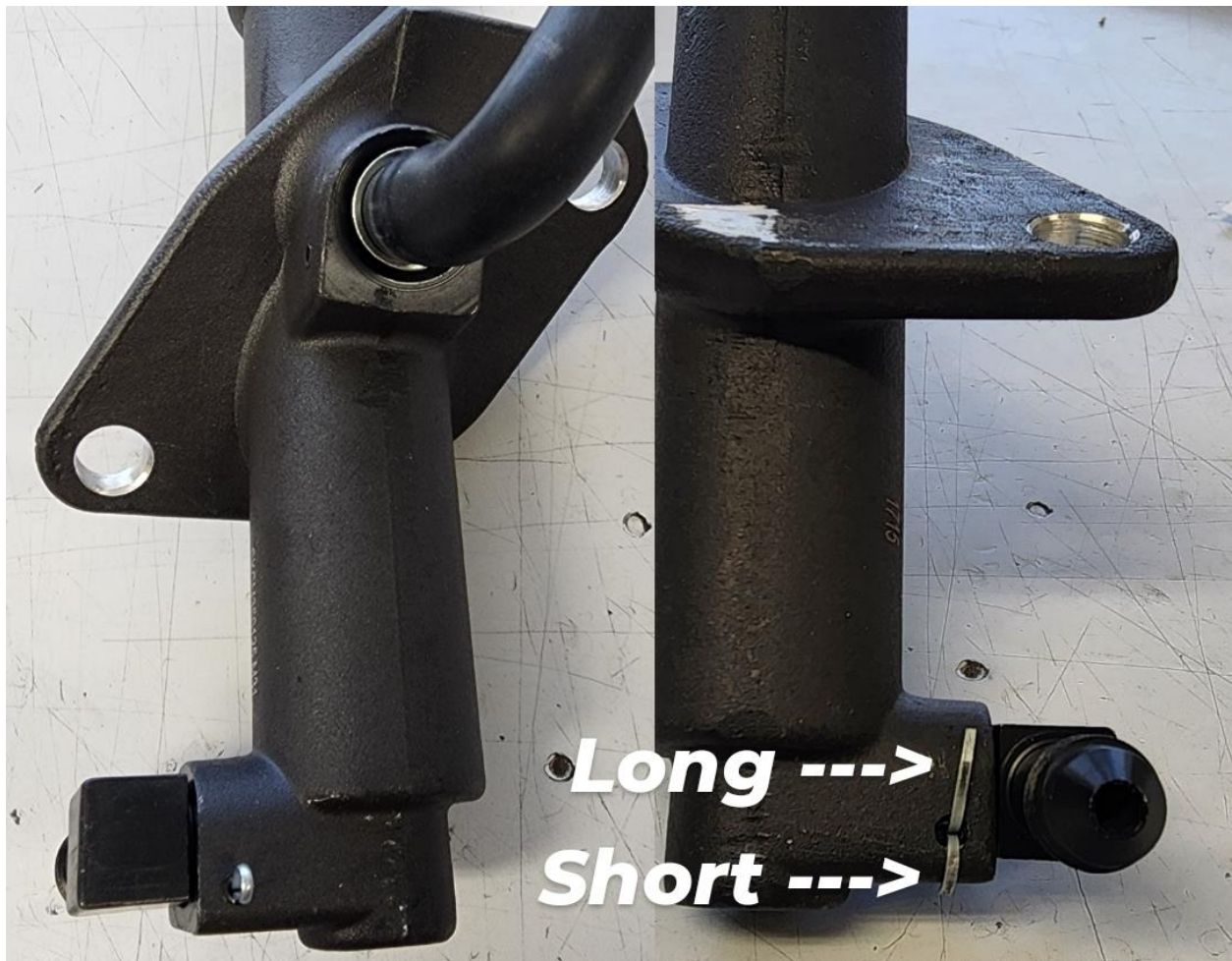


3) Use a pair of channel-lock pliers to press in the roll-pin.



DO NOT rotate the fitting at this time unless you use a pair of pliers to hold the roll-pin from rotating out. This will crack the master cylinder.

Install the cotter pin thru the center of the roll pin and fold the ends over. This will allow you to rotate the fitting in the cylinder without the need for support and risk of the roll pin rotating out.



ALWAYS position and hold the fitting when tightening the braided line to the fitting. Support must be provided for all fitting connections. Failure to do so may result in damage to components. Torque the braided line to 25 ft/lbs. or wrist tight.

