

**HYDRAULIC
ACTUATOR FOR CABLE TO HYDRAULIC CONVERSIONS
INSTALLATION INSTRUCTIONS**

Thank you for purchasing the Innovative Mounts hydraulic actuator for cable to hydraulic conversions (Honda and Acura vehicles part #41001).

For proper installation of this actuator please carefully read the following instructions:

This actuator comes pre-assembled and should not be adjusted. Improper adjustment of the cable lever may cause premature cable failure.

1

This unit can be mounted any where that the cable will reach, though we recommend that it be mounted centered on the lower radiator support in front of the radiator (between the radiator and bumper).

2

Once the desired location is found, you will need to mark the location where the mounting holes are to be drilled (notice on the bottom of the actuator there is two threaded holes, the bolts to be used are M10 x 1.25 (OEM Honda) and the spacing of the holes to be drilled is 2.537 inches).

3

Once the actuator is securely mounted, you will need to determine the length for your hydraulic line. An easy way to determine proper length is to use electrical wire or string. Male -3 fittings which will be necessary to thread your steel braided line into the Willwood Masterä and factory slave cylinder. When ordering your line, specify steel braided Teflon line with -3 female hose ends.

4

Once the hydraulic line has been installed and the cable is connected to the actuator, the bleeding process will be the same as any factory vehicle that comes equipped with a hydraulic clutch system.

RECOMMENDED MASTER CYLINDER FOR SPECIFIC APPLICATION AVAILABLE WILWOOD
MASTER CYLINDERS ARE:

5/8 (.625), 3/4 (.750). The numbers refer to the piston size of the master cylinder.

Standard size master cylinder is the 5/8" cylinder which matches the factory geometry giving the same pedal stroke and stiffness as a factory equipped hydraulic clutch vehicle.

The ¾" master cylinder will offer a shorter pedal stroke for faster shifts, which we refer to as our racer version, the disadvantage to this version will be close to a 20 percent increase in pedal stiffness.

WE DO NOT RECOMMEND USING THE 3/4 MASTER ON VEHICLES USING CLUTCH PRESSURE PLATES EXCEEDING MORE THAN 15 PERCENT OF THE STIFFNESS OF THE OEM PRESSURE PLATE, this will cause excessive strain on the factory clutch cable system and may cause it to fail.