

MPS Hydraulic Clutch Release Installation Instructions

The MPS Hydraulic Clutch Release was designed to allow the rider to release a hydraulic clutch lever by releasing a button. The Hydraulic Clutch Release is also the perfect interface for a delay box.

Mounting – Remove your old clutch lines to your slave cylinder. Mount the Hydraulic Clutch Release in a convenient location.

Plumbing – You will probably need to replace your old lines. The Clutch lines should be made from #3 AN braided steel lines.



Run one line from the master Cylinder to the side of the Hydraulic Clutch Release that has the needle valve. All threads are 1/8 NPT female. The second line will go from the slave cylinder to the side of the Hydraulic Clutch Release labeled brake.

Electrical – You will also need a momentary push button switch to activate your Hydraulic Clutch Release. The **Pro Pushbutton** is a perfect choice. The **Pro Pushbutton** is a momentary single pole double throw switch with the following wire colors: red – common, blue – normally closed, and green – normally open. The red common wire will go to a ignition switched 12 Volt power source. The green normally open wire will go to one of the black wires on the Hydraulic Clutch Release. For delay box applications instead of one of the black wires on the Hydraulic Clutch Release connect to the switch terminal on your delay box. The Hydraulic Clutch Release has two black wires. These can be interchanged. One should be wired to the green normally open wire from the Pro Pushbutton. For delay box applications instead of the green on the Pro Pushbutton connect to the transbrake terminal on your delay box. The other should be attached to a good ground.

Bleeding The System – You will need to bleed the system after installation. This can be a tough job, as all the air needs to be removed from the system. We have found that pumping the fluid in from the bottom of the system through the slave cylinder bleed hole works best.

Testing the Air Clutch – Pull in the clutch lever until it stops. Push in and hold the push button. This will charge the air cylinder and hold the clutch lever in. Now while holding the launch button in put your fingers around the handlebar. Now release the Pro Pushbutton. The clutch lever should release. Try it again in neutral with the engine idling. This will check for any possible RF interference. You will need to check your launch rpm control for proper operation as well. Safety Tip: Do not ever open the throttle unless you are staged and ready to go!

If you have any more questions we have a Frequently Asked Questions page at our web site as well as the telephone tech support. Thank you for your purchase of this MPS product. All products sold by MPS are for use at closed course competition events and not for use on public streets or highways.