



Part# SLV-01

Important Notice

- Before installing the In-Line Slave Cylinder, read through these instructions completely. Doing so will familiarize you with the way in which parts fit together and the tools needed to complete the job correctly and efficiently.
- In the course of installation you will be replacing your stock cable clutch adjuster with the In-Line Slave Cylinder. Please pay special attention to the section on the instructions dealing with the adjusting of the clutch.
- The In-Line Slave Cylinder must be installed in a position above the transmission fluid level. If not installed in such a position transmission fluid will travel through the cable housing resulting in a leak and premature transmission wear.
- This unit is designed to use DOT-5 brake fluid, only. Never reuse brake fluid, do not use brake fluid that you are not sure is new and clean. Installation should be performed by a certified mechanic with experience in motorcycle hydraulic systems.

Terms of Warranty

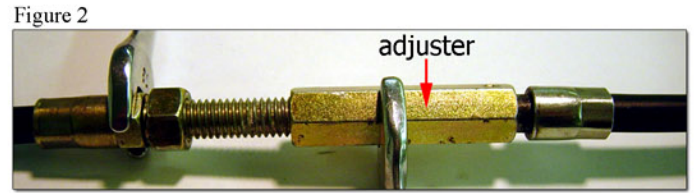
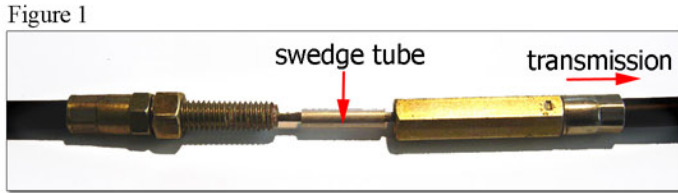
Custom Cycle Control Systems, Inc. warrants to the original purchaser that the parts of this In-Line Slave Cylinder to be free of manufacturing defects in materials and workmanship for a period of one (1) year from the date of purchase. In the event warranty service is required, you must contact Custom Cycle Control Systems immediately with a description of the problem.

If it is necessary for Custom Cycle Control Systems to evaluate and determine whether the part is defective, a return authorization will be given by a representative of Custom Cycle Control Systems. Returned parts must be packaged properly to avoid further damage and returned prepaid to Custom Cycle Control Systems with a copy of the original invoice of purchase and a letter describing the nature of the problem. If after the evaluation by Custom Cycle Control Systems the part is determined to be defective, it will be repaired or replaced at no cost to you.

Custom Cycle Control Systems will not be held responsible for any consequential or incidental damages resulting from the failure of a Custom Cycle Control Systems part. Custom Cycle Control Systems will have no obligation if a part becomes defective as a result of improper installation, modification or abuse.

Removing the Mechanical Clutch Adjuster

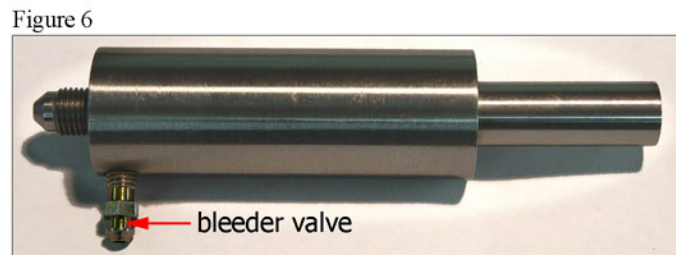
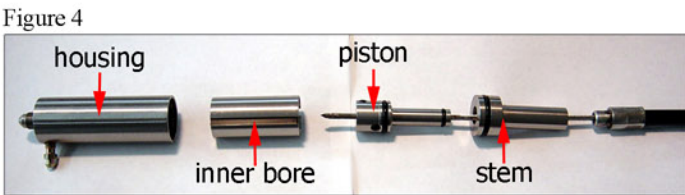
To install the slave cylinder in its intended position, the clutch cable adjuster must be removed. Remove the top portion of the clutch cable housing from the adjuster. Slip the supplied 1" metal tube (swedge tube) over the clutch cable and then put the housing back as illustrated in figure 1. Screw the top portion of the cable housing back into the adjuster and begin tightening.-figure 2-. Doing this will cause the adjuster to become separated from the cable housing leading to the transmission.-figure 3-. Remove the upper portion of cable housing, the swedge tube and cable adjuster.



Installing the In-Line Slave Cylinder

Remove the snap ring from the bottom of the slave cylinder with internal snap ring pliers. Pull the stem out of the slave cylinder housing along with the piston and inner bore and layout as illustrated in figure 4 with the clutch cable through the stem and piston.

Refer to your owners manual to remove the derby cover and loosen the nut that locks the clutch adjustment screw. With an allen wrench, tighten the clutch adjustment screw until you see the clutch plates begin to separate. Go back to the slave cylinder and pull the clutch cable through the stem and piston while pushing the stem and piston tightly against the cable housing leading to the transmission. While pulling the cable and pushing the stem and piston, securely tighten the three set screws located around the piston. figure 5. Cut excess cable FLUSH TO THE PISTON. Complete the assembly of the slave cylinder.-figure 6-. Re-adjust your clutch according to the manufactures specifications.



Bleeding the In-Line Slave Cylinder

Assuming that the hydraulic hose of the clutch control is trimmed to proper length and the reusable fitting is installed per the System installation instructions, attach the clutch hydraulic hose to the top of the slave cylinder. Loosen the bleeder valve located on the slave cylinder. Next, refer to "Charging the Brake System" in step 7 of the System installation instructions for set-up and charging of the clutch system.