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# Clutch Slave Piston Service Kit Instructions

## USE ONLY OEM RECOMMENDED FLUIDS AND TORQUE SETTINGS

#### **Preparation:**

- (1) Disconnect hydraulic line from the slave cylinder while it's still mounted to bike.
- (2) Unbolt and remove the slave cylinder from the bike.
- (3) Drain fluid and clean all debris from the unit.

#### Disassemble:

- (1) Remove any end caps or diaphragms if present to reveal the slave's piston.
- (2) Extract the piston assembly.
- (3) Thoroughly clean all internal bores and removed parts.

### Assembly:

(1) Prep and coat the piston bore with a layer of new hydraulic fluid.

(2) The replacement piston kit comes fully assembled with piston seal(s) already installed. Fix the spring on the end of the piston over the spigot. Insert the assembly, spring end first, into the piston bore up to where the piston's seal starts to enter the bore (see illustration as example). Tease the seal into the bore whilst keeping a small amount of pressure applied throughout, ensuring the seal is not allowed to fold back on itself. If the piston has a wear strip and not an O ring as a secondary guide seal, do not yet fully insert and leave just enough piston exposed for the guide seal (wear strip) to be added. Place the wear strip into the exposed piston's groove and again using very gentle force, slowly push the piston assembly home. Ensuring the wear strip stays in the groove at all times until fully inserted.

(3) Push the piston in and release gently a few times to make sure it is moving freely and returns to the top of the bore. Do not release too quickly as the spring could force the assembly to 'pop' out.

(4) Reassemble using any diaphragms or end caps to the unit using a thread lock compound where appropriate.

#### Installation:

(1) The slave cylinder unit is now ready to be reinstalled on the bike.

(2) Full fitting instructions are available to view or download on the specific clutch slave website page, under the technical documents tab.

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Generic Image - See specific PDF on our website for kit contents









Image of inserting U-Seal with guidance tool.