

# Harley Davidson VROD - All Clutch Slave Cylinder Installation instructions

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**Preparation:** Before installing your new purchase please ensure you have at least the following items at hand: 5mm Allen Key, 12mm socket wrench, 10mm ring spanner , 8mm ring spanner, Flat screwdriver, a suitable catch vessel and 500ml+ of manufacturer's approved clutch fluid (Ensure you are 100% familiar with their instructions on use before commencing installation).

**THESE INSTRUCTIONS ONLY APPLY WHEN THE MOTORCYCLE HAS THE ORIGINAL STOCK CLUTCH FITTED.**

## Installing the slave cylinder

- 1.** Ensure entire clutch slave area is easily accessible. The bike will need to be held upright or slightly away from the side stand to assist the escape of air bubbles.
- 2.** Remove the original 3 bolt decorative clutch slave cover. This part is not required for this assembly.
- 3.** Have a cloth wrapped around the existing clutch body when loosening (but not removing) the oil line bolt to minimise the spread of fluid. When loosening the bolt ensure your catch vessel is in place for any escaping fluid. Remove the existing cylinder from the engine keeping the clutch line and original cylinder together while completely wrapped in cloth.
- 4.** Meticulously clean the mating surface and remove all traces of rust and corrosion. The clutch slave cylinder is pre-assembled and is ready to go straight on. Attach the new slave to the bike using the 3 new fasteners provided.
- 5.** Once the new slave cylinder is attached to the bike (ensuring great care is taken when attaching) it can be completely filled with clutch fluid. The pipe can now be removed from the original cylinder. **Remove and replace the original o-ring seal on the end of the fitting with the new one provided** and attached to the new clutch slave body. Do this as quickly and safely as possible to curb later bleeding times.
- 6.** Bleed the system through the M8 bleed valve at the top of the slave cylinder ensuring a pipe is attached and leading to the catch vessel. Apply approximately six pulls on the clutch lever (holding the lever in on the last stroke). Loosen the valve to release the fluid's pressure and tighten before releasing the lever. Repeat this until the clutch no longer feels 'spongy'. Also ensure the clutch reservoir levels do not drop low and draw in air.

Installation is complete and you may now enjoy the benefits of your new Oberon clutch slave cylinder. The clutch at first will feel light due to the increased efficiency but it won't take long to adjust to the effortless and smoothness of the new clutch system.

