

## Removing The Stock Clutch Housing

- Some models may require the removal of the exhaust system to allow access to the clutch housing. Drain transmission oil.
- Place a suitable oil catch pan under the bike and remove the stock clutch housing from transmission. After bolts are removed press clutch lever to help break cover free. Discard gasket.
- Remove push rod actuation assembly (push rod should stay in transmission). Remove retaining ring, thrust washers and throw out bearing. Pry oil slinger off shaft and discard.
- Reinstall thrust washers, throw out bearing and retainer ring. (Second picture attached)

## Installing New Cover

- Reinstall push rod actuation assembly – Take note that it is a possibility that a new push rod length may be needed for install depending on your bike set up and how the assembly all comes together.
- Remove clutch cover (primary side of bike) loosen clutch jam nut and back out adjuster screw several turns. This will keep clutch from binding when new housing is installed.
- Using a new gasket, install the clutch housing with supplied hardware. Place a drop of removable threadlock on the threads of each bolt and tighten to bike manual specification.
- The two longer bolts will be used at the top of the housing on a 5 speed
- Install hydraulic line and route to master cylinder. Loosen the bleeder screw to allow excess air to escape.
- Return to primary side and screw in push rod adjuster to bottom out piston in clutch housing
- Tighten bleeder screw do not overtighten, fill master cylinder with manufacturers suggested brake fluid to begin bleeding system.
  - Attach a short length of rubber hose to the bleeder screw on the clutch housing to the bleeder screw, put the other end of the hose into a suitable catch can. Compress lever 5 times and hold to grip. Open bleeder screw and release the air. This will need to be repeated several times to expel the system of air. The lever will have a smooth firm action once all the air is gone.

## Adjusting the clutch

- Back clutch adjuster screw out several turns to release tension on push rod. Turn back in until push rod bottoms out you will feel slight resistance, do not turn further the clutch will begin to actuate.
- Now back out 1/2 to 1 turn and lighten lock nut
- Actuate clutch lever while watching the clutch to confirm it is operating.
- Reinstall clutch cover and test ride bike

Speed Dealer Customs recommends install be completed by a licensed mechanic. Please ensure all bolts and parts are reinstalled before riding the bike. Need additional help, call us at 417-717-4316 or email [contact@speeddealercustoms.com](mailto:contact@speeddealercustoms.com)