


# IMPORTANT

The enclosed Hydraulic clutch actuation system **MUST** be used in conjunction with your new Centerforce clutch.

## Dodge RAM Hydraulic Clutch system removal/installation:

**NOTE: DO NOT** disassemble the clutch master cylinder, hydraulic line and/or the slave cylinder system. The entire hydraulic clutch system will be removed and re-installed as a complete assembly.

- 1) From under the dashboard; pull UP (hard) on the clutch pedal to release the clutch rod from the clutch master cylinder. With force, the clutch rod will "POP" out of the clutch master cylinder.
- 2) Remove clutch rod and clip from the clutch pedal (save clip for re-installation).
- 3) Take note of the clutch safety switch position as located on the clutch rod. Lift the white safety switch retention clip and slide the safety switch off the clutch rod and set aside for re-installation (no need to disconnect the safety switch from the wire harness).
- 4) From under truck; Remove clutch slave from Bellhousing and save the mounting hardware for re-installation.
- 5) Remove two plastic line retention clips from the underbody. Take note of the hydraulic line routing for re-installation.
- 6) From under dash; Remove 2 nuts from the clutch master cylinder bracket (save the nuts for re-installation) and remove the clutch master cylinder from under hood.
- 7) If possible, drop the master cylinder down to the drivers side wheel well opening. Feed the entire hydraulic assembly out of the wheel well. Having a second person available for this step is helpful.
- 8) Reverse this procedure for installation of the new hydraulic clutch system.
- 9) Important note: DO NOT cut the white plastic retention straps on the new slave cylinder push-rod. These straps will automatically "POP" off once installation is complete and the clutch pedal is depressed for the first time. 
- 10) Cycle the clutch pedal several times and then check the clutch master cylinder reservoir. The clutch fluid should be at normal level as marked. If needed, add a small amount of high quality DOT 3 fluid.
- 11) Once the hydraulic clutch system installation procedure is complete, the clutch should engage and start to move the truck at approximately half of the clutch pedal travel up from the floor. NOTE: there is no conventional hydraulic bleeder within this system. It SHOULD NOT be necessary to bleed this sealed system. However, should any air be introduced into the clutch hydraulic system, you will need to vacuum bleed the system from the clutch reservoir.

