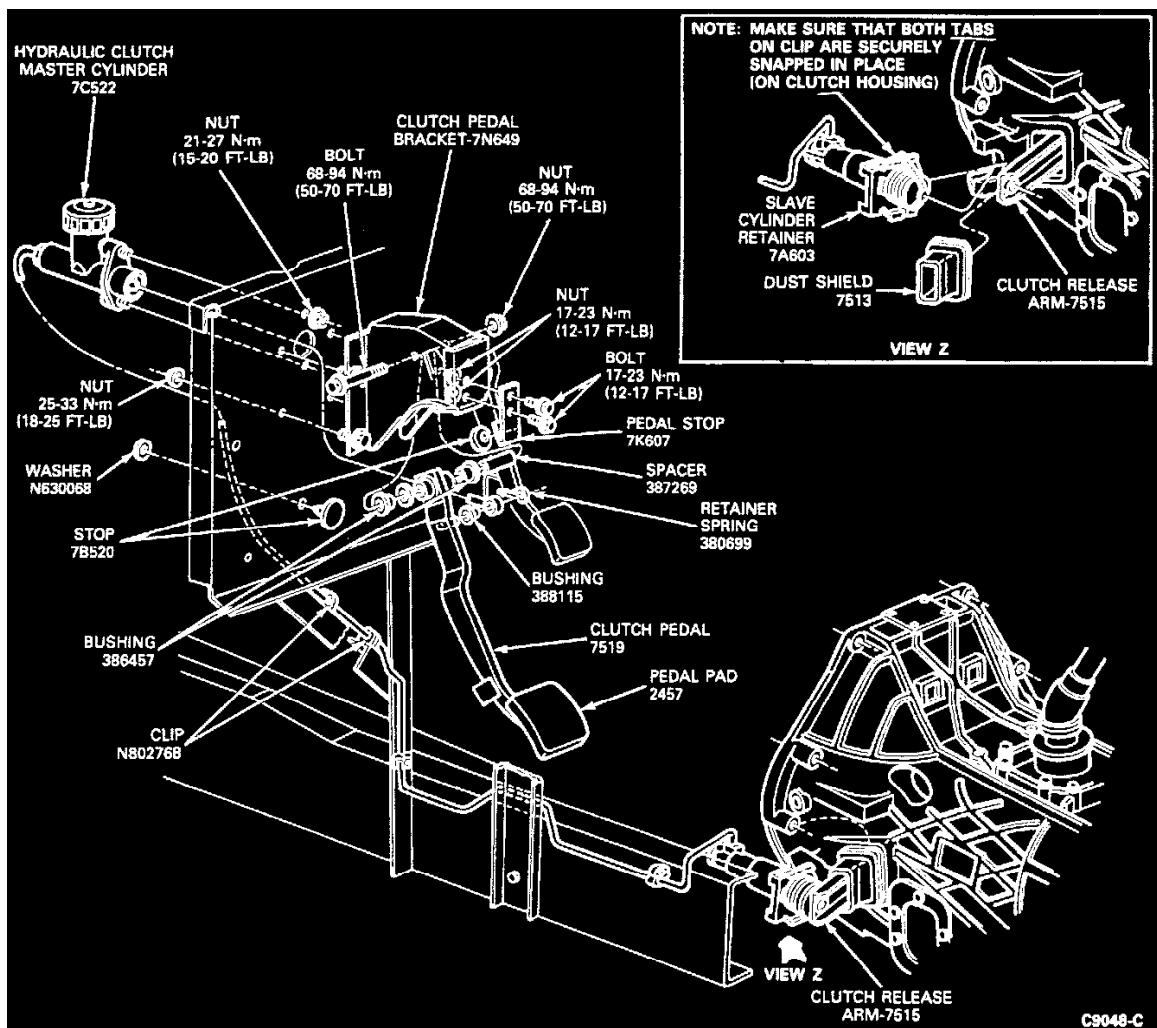


Clutch Master Cylinder: Service and Repair



Clutch Master Cylinder

CAUTION: For vehicles equipped with external slave cylinders, prior to any vehicle service that requires removal of the slave cylinder (i.e., transmission removal), the master cylinder pushrod must be disconnected from the clutch pedal. If not disconnected, permanent damage to the slave cylinder will occur if the clutch pedal is depressed while the slave cylinder is disconnected.

1. From cab interior, carefully pry push rod and retainer bushing from cross-shaft lever pin.
2. Disconnect interlock switch connector plug.
3. Remove the two nuts and support bracket retaining the clutch reservoir and master cylinder assembly to the firewall.
4. Disconnect hydraulic tube from master cylinder.
5. Remove clutch reservoir and master cylinder assembly from firewall.
6. When the master cylinder studs are free of dash panel, rotate cylinder **105°** counterclockwise to permit interlock switch to exit dash panel. Remove unit from vehicle.
7. Reverse procedure to install.
8. Fill and bleed the hydraulic system. See: Clutch Fluid/Service and Repair

NOTE: As the clutch disc wears, the fluid level in the reservoir will rise. The fill line step in the reservoir is the normal level for a new system.