

CLUTCH MASTER CYLINDER & RESERVOIR**Removal & Installation**

1. Raise and support the vehicle. Using the Hydraulic Line Connector Remover (308-182, T88T-70522-A), disconnect the hydraulic line from the clutch slave cylinder. See **Fig. 9**.
2. Lower the vehicle. Remove the 2 screws and the lower steering column finish panel. See **Fig. 10**. Remove the 5 bolts and the lower reinforcement panel. See **Fig. 11**.
3. Remove the clutch master cylinder reservoir. See **Fig. 16**. Remove the 3 push pins, 4 bolts, 4 screws and the inner fender splash shield.
4. Unclip the hydraulic line-to-frame retainer. Twist the clutch master cylinder clockwise 45 degrees to unlock it from the support bracket. See **Fig. 17**. Remove the clutch master cylinder reservoir, the slave cylinder hydraulic line and the clutch master cylinder as an assembly.
5. Install a NEW clutch master cylinder push rod bushing. To install, reverse the removal procedure. Rotate the clutch master cylinder 45 degrees counterclockwise. Bleed the clutch hydraulic system. See **BLEEDING**.

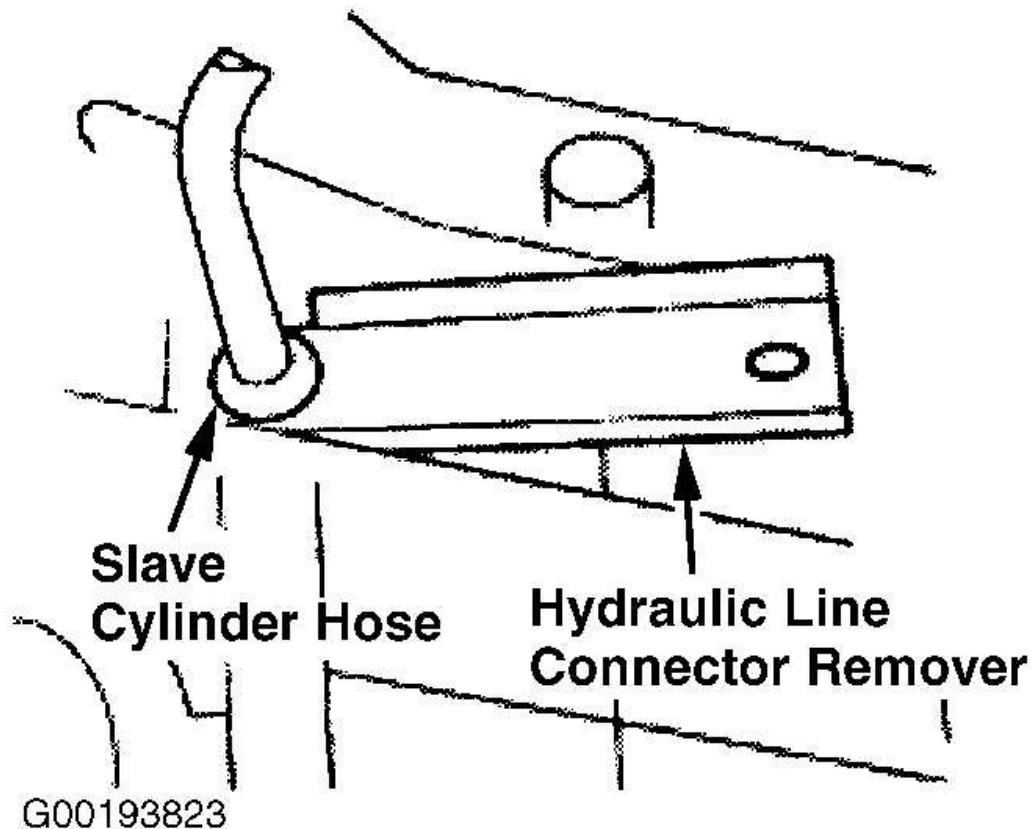
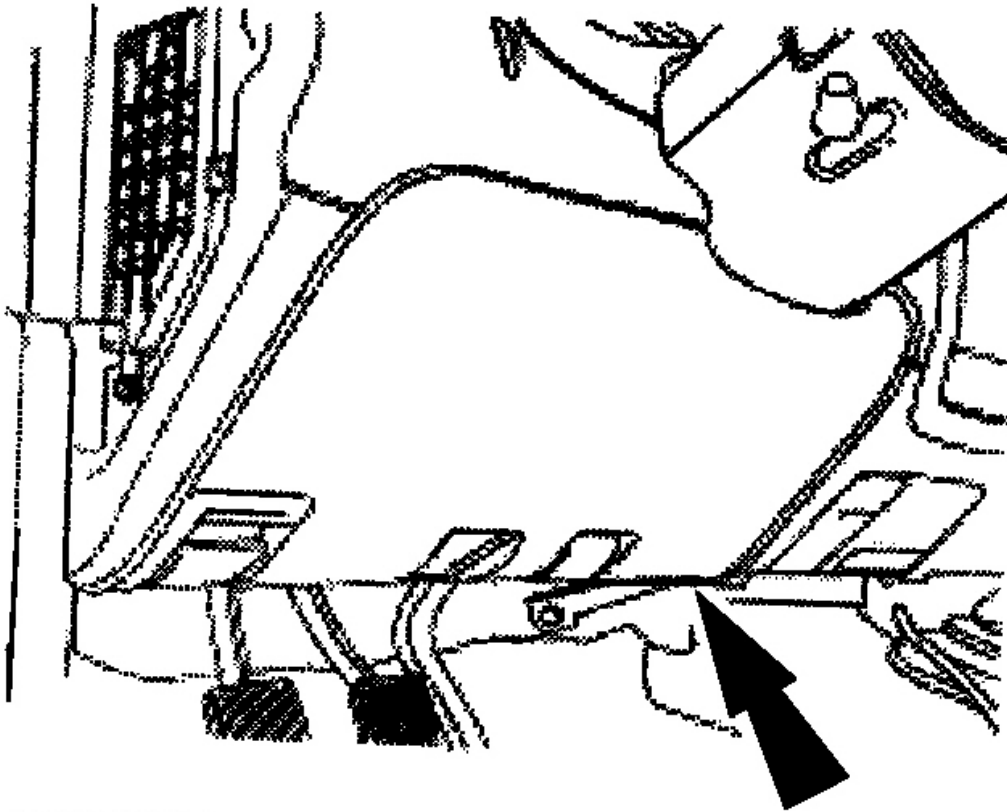


Fig. 9: Identifying Hydraulic Line Connector Remover

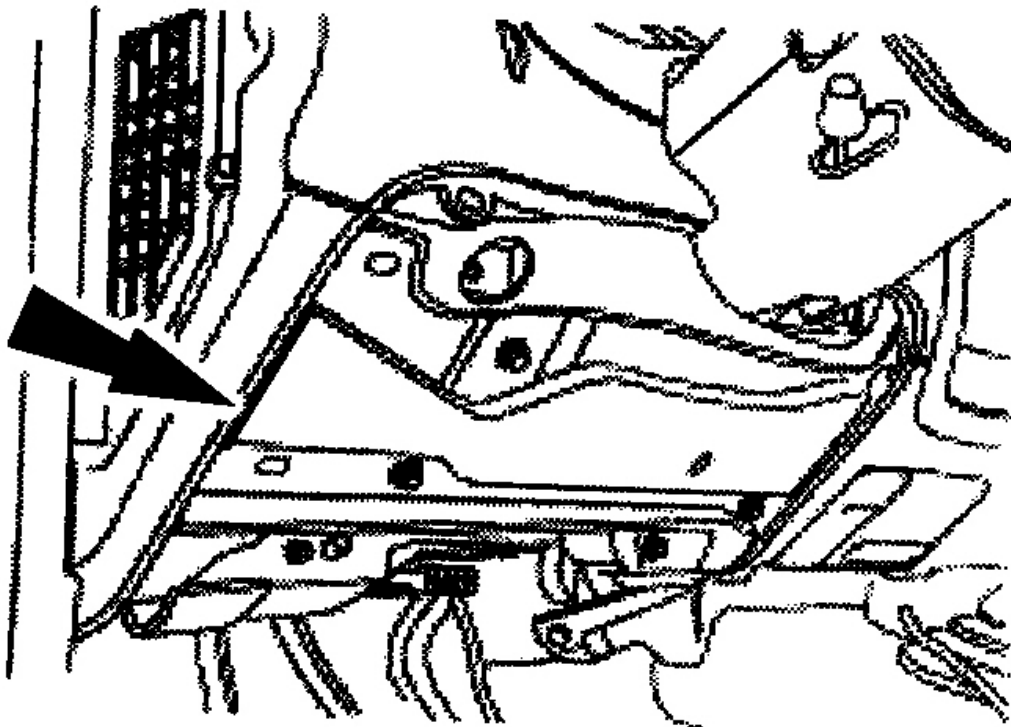
Courtesy of FORD MOTOR CO.



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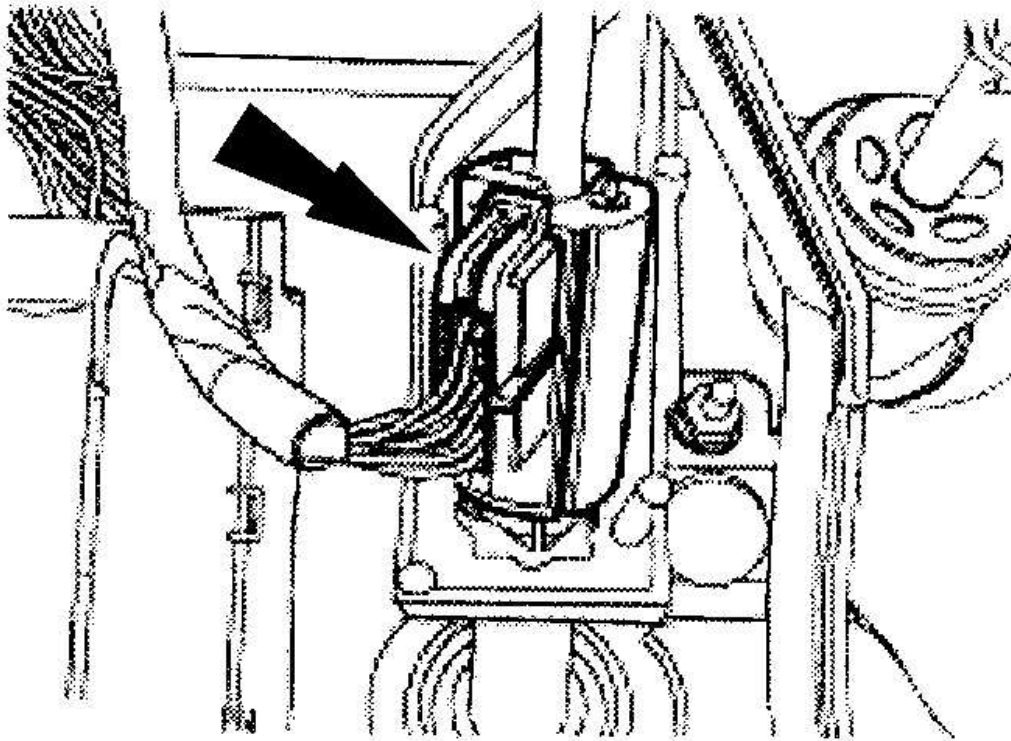
Fig. 10: Removing & Installing Lower Steering Column Finish Panel

Courtesy of FORD MOTOR CO.



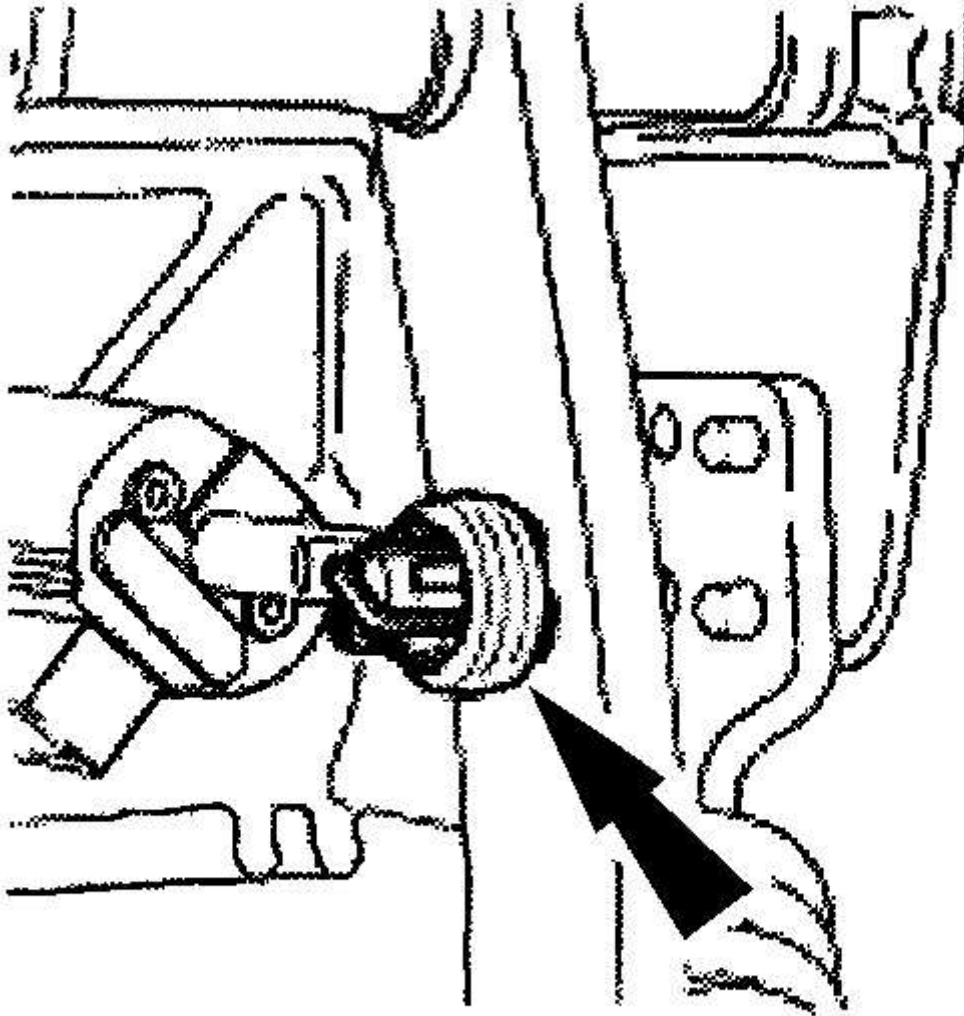
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[Fig. 11: Removing & Installing Lower Reinforcement Panel](#)
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[Fig. 12: Locating Clutch Pedal Position Switch Harness Connector](#)
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Fig. 13: Removing & Installing Clutch Pedal Position Switch (At Pedal Arm)
Courtesy of FORD MOTOR CO.

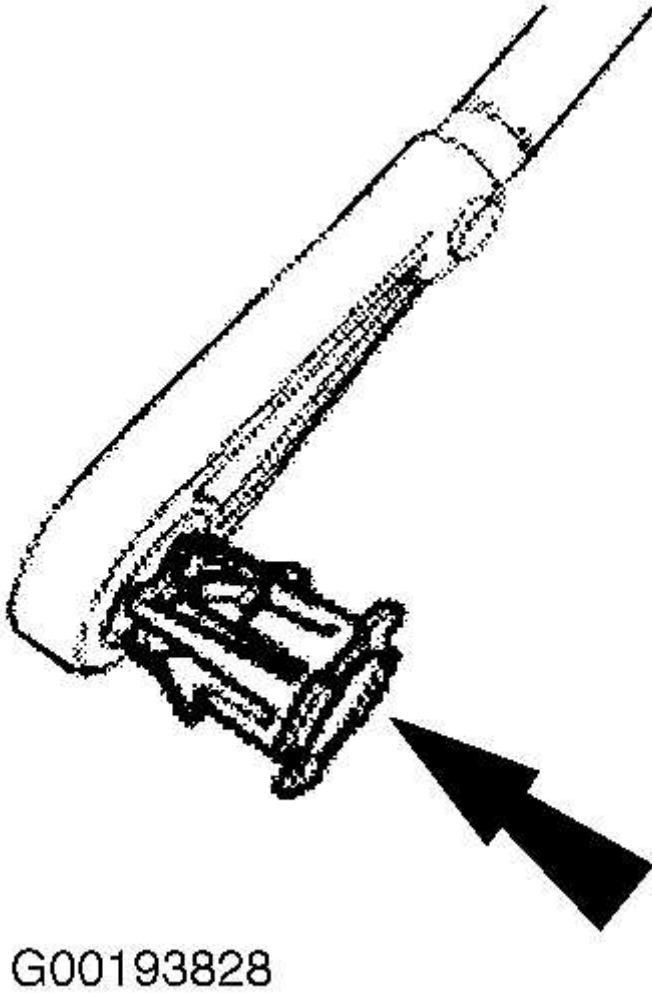
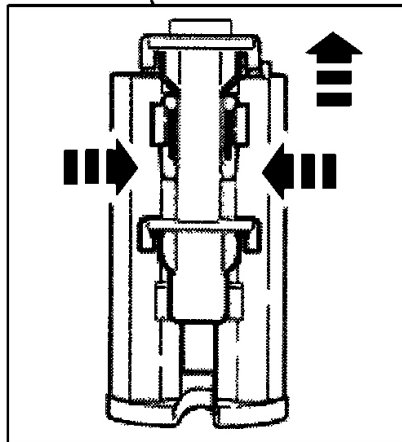
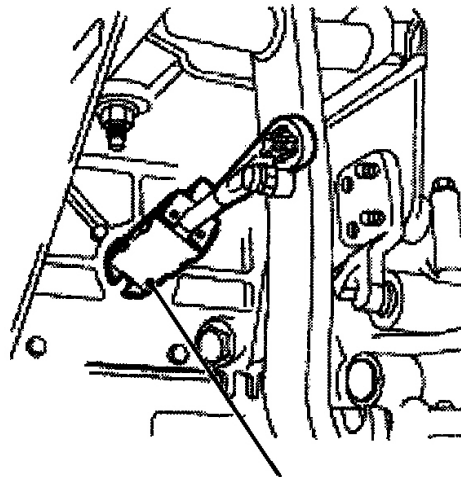
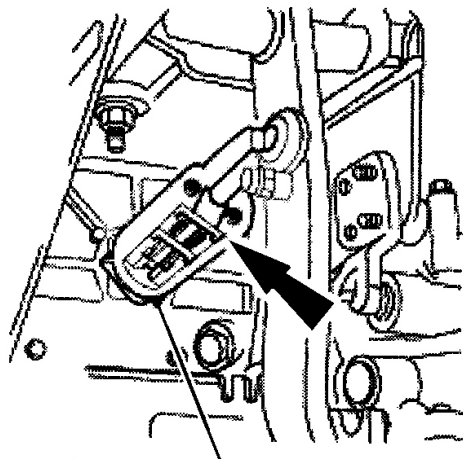
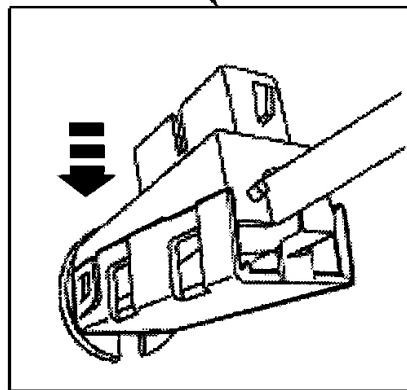


Fig. 14: Removing & Installing Push Rod Retainer
Courtesy of FORD MOTOR CO.



Explorer



Explorer Sport, Explorer Sport Trac & Ranger

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Fig. 15: Removing & Installing Clutch Pedal Position Switch (At Push Rod)
Courtesy of FORD MOTOR CO.

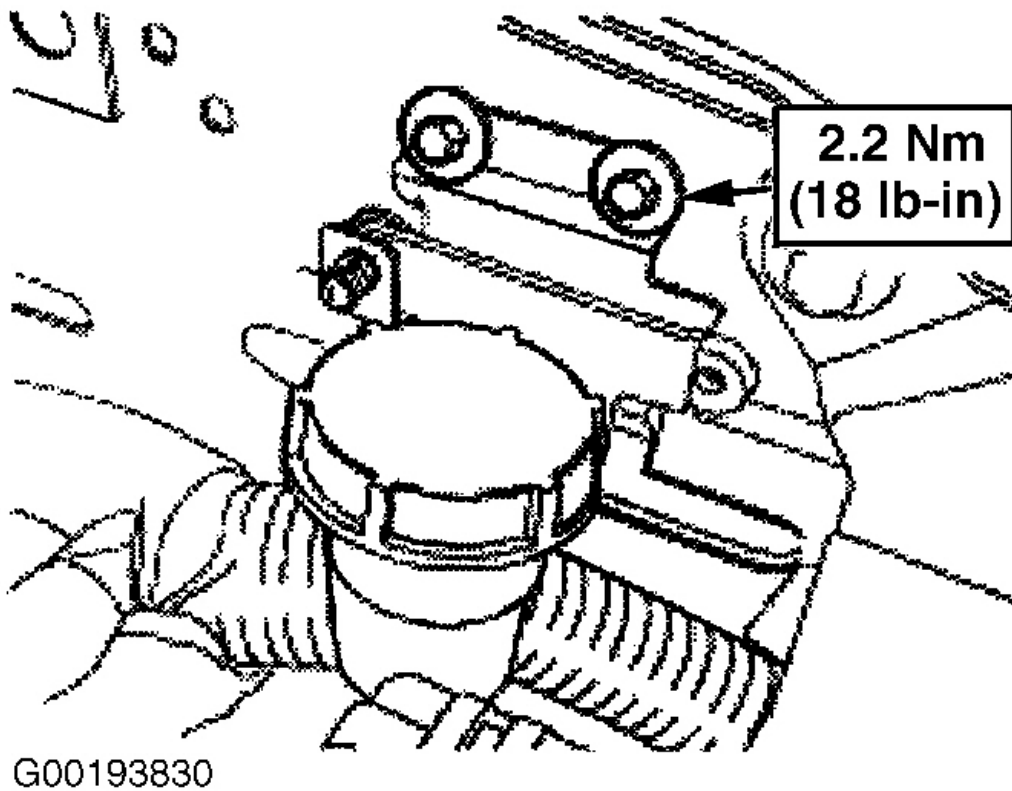
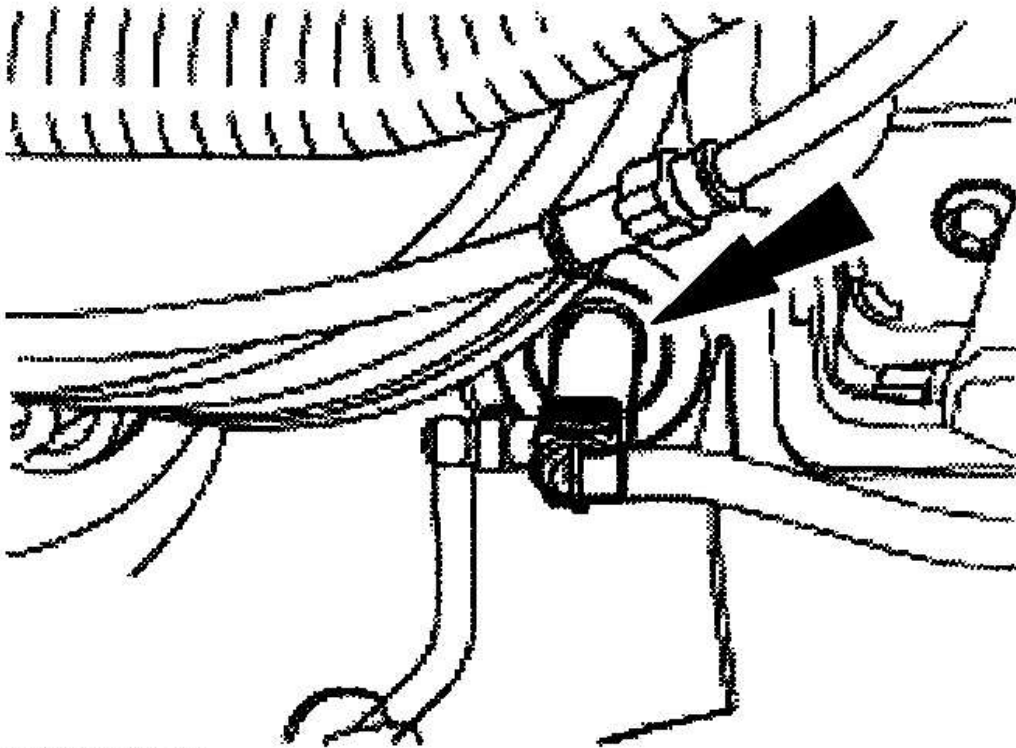


Fig. 16: Removing & Installing Clutch Master Cylinder Reservoir
Courtesy of FORD MOTOR CO.



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Fig. 17: Removing & Installing Clutch Master Cylinder From Firewall
Courtesy of FORD MOTOR CO.