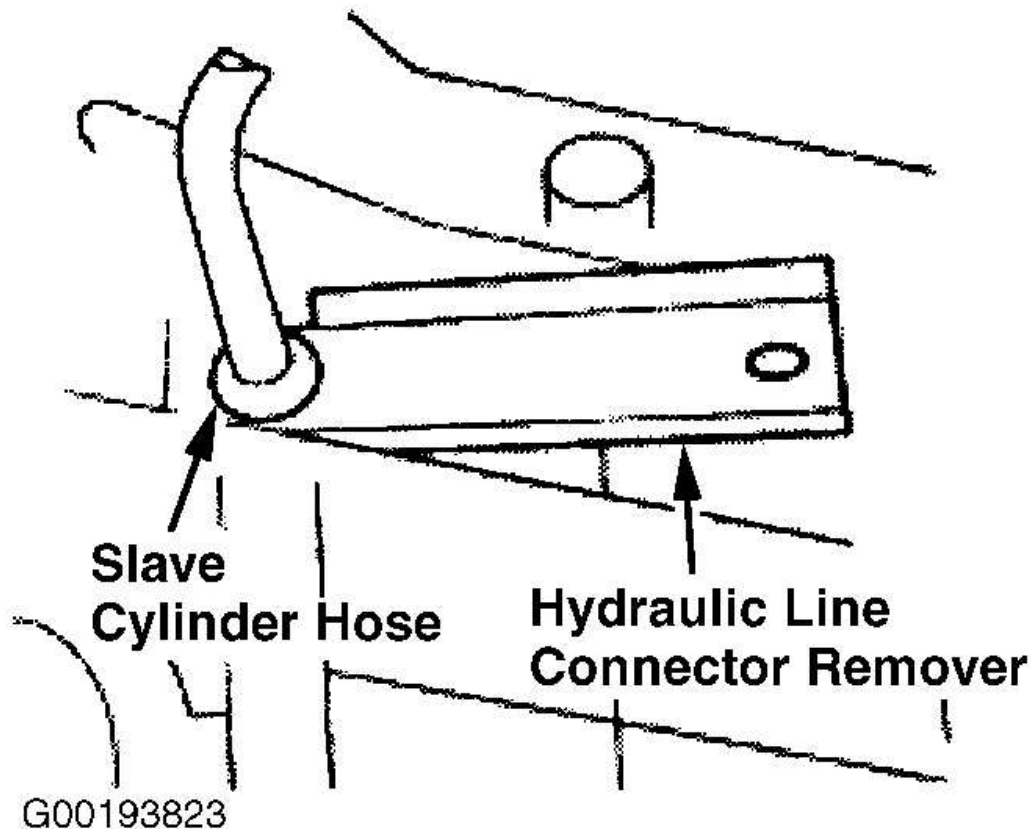


## CLUTCH MASTER CYLINDER & RESERVOIR

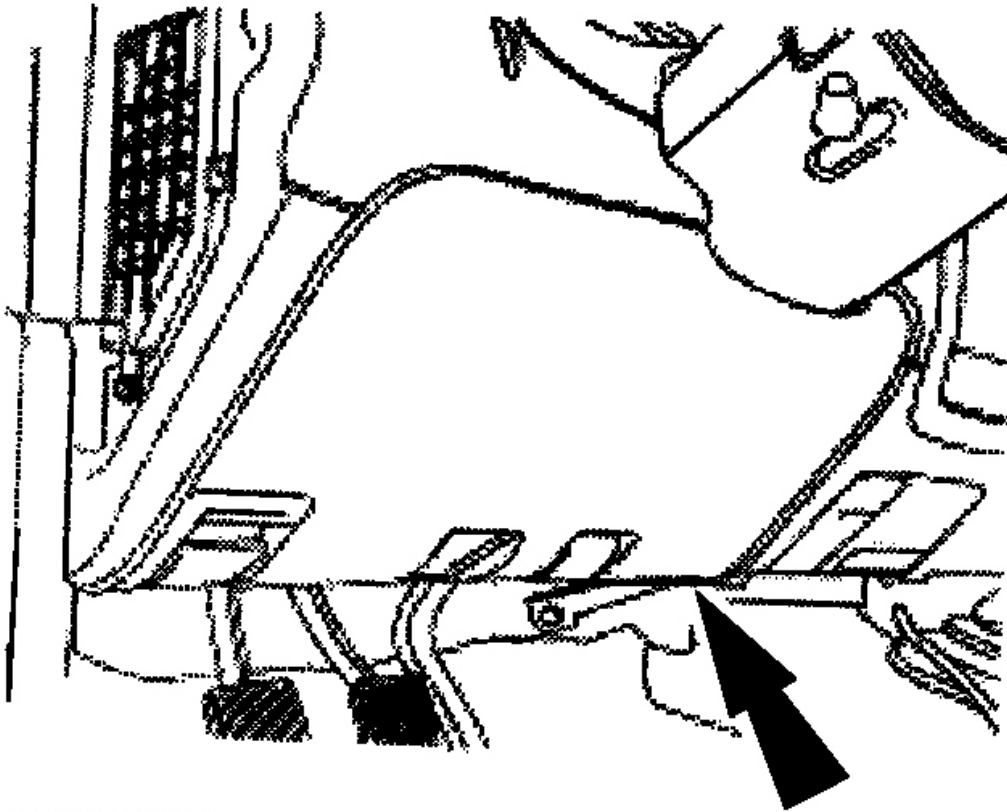
### Removal & Installation

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**

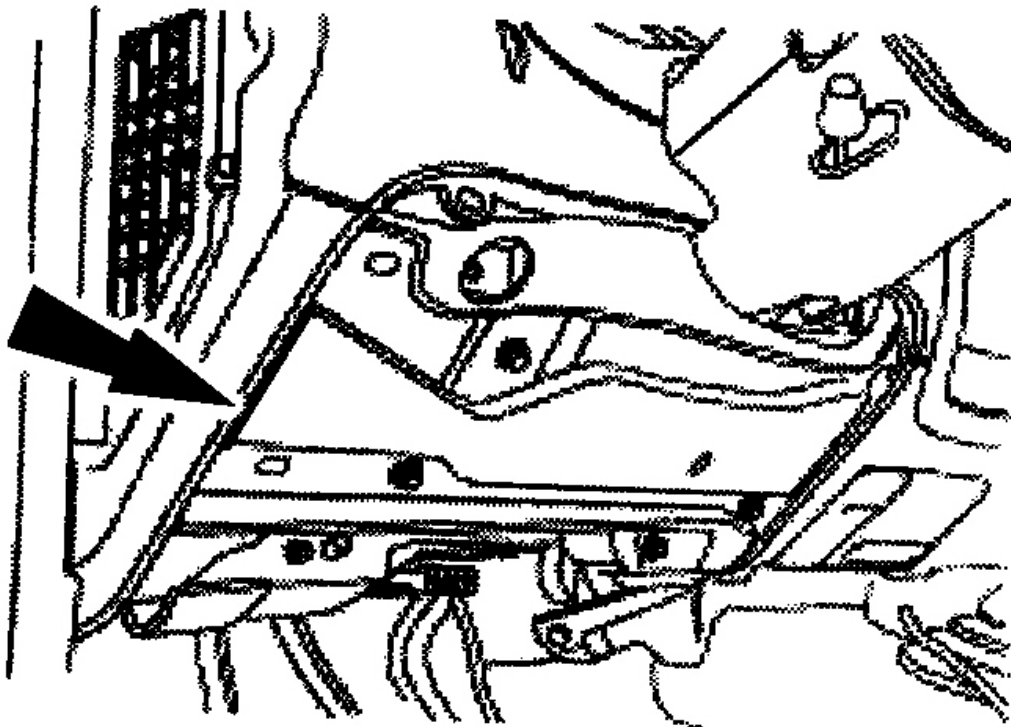
Courtesy of FORD MOTOR CO.



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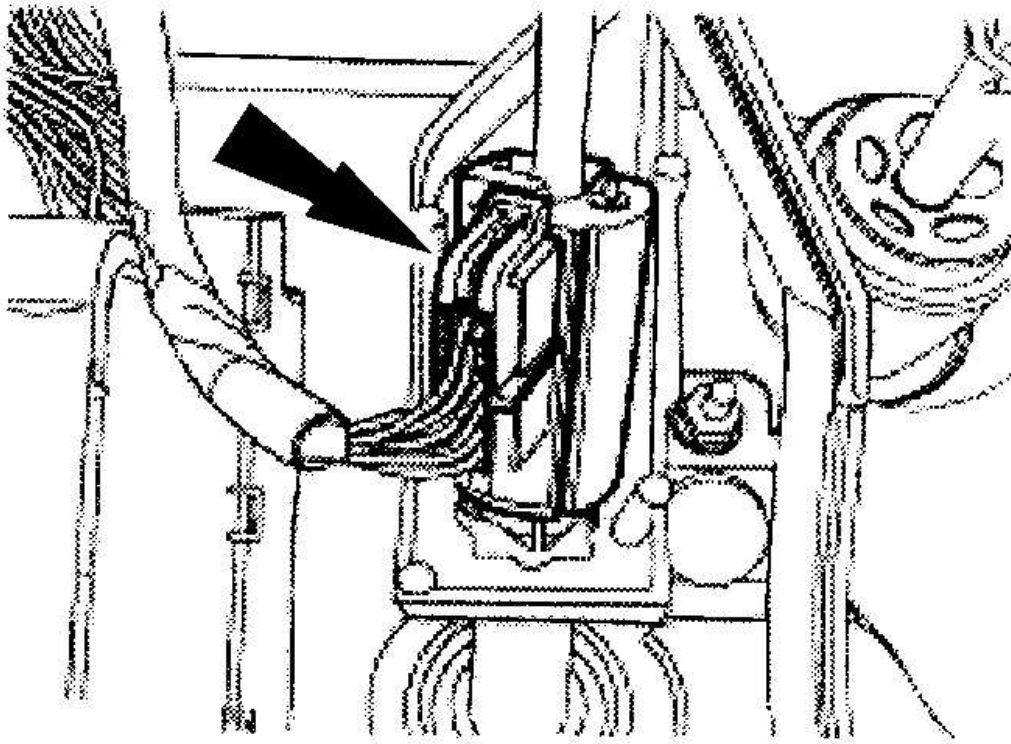
**Fig. 10: Removing & Installing Lower Steering Column Finish Panel**

Courtesy of FORD MOTOR CO.



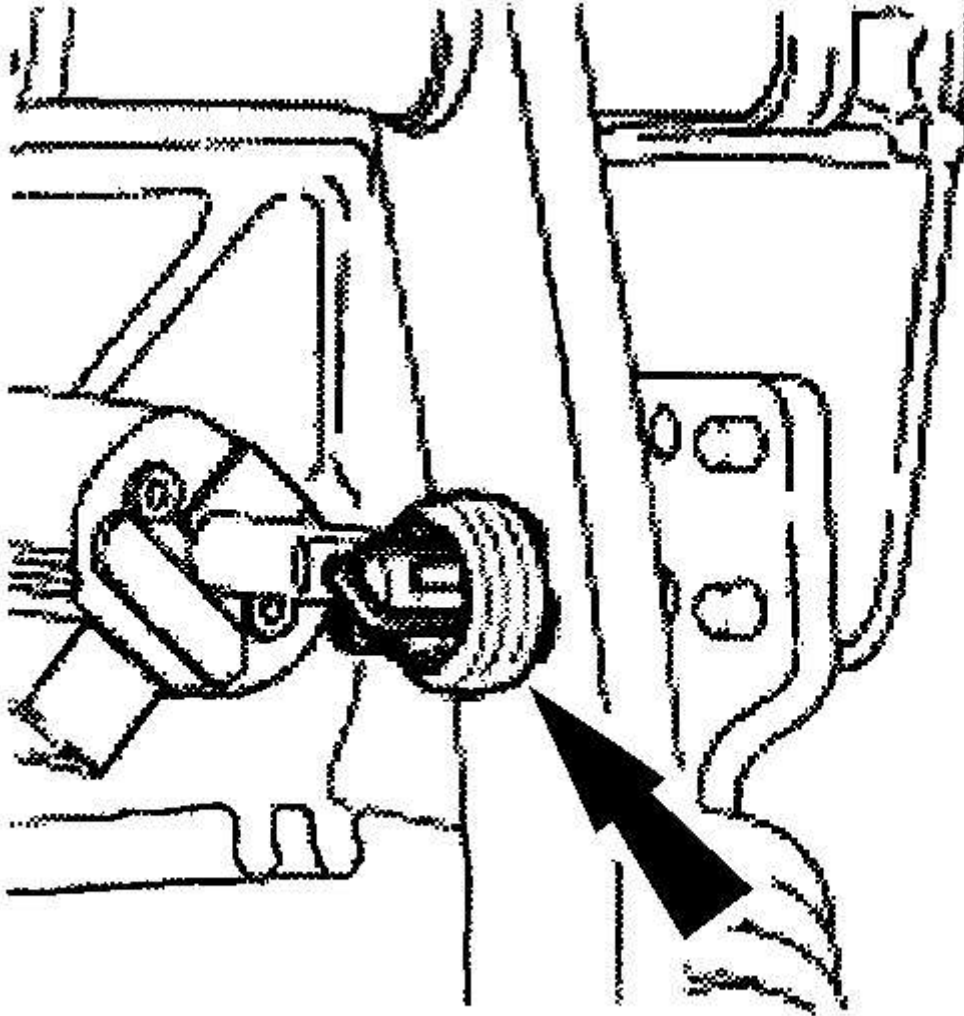
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**[Fig. 11: Removing & Installing Lower Reinforcement Panel](#)**  
Courtesy of FORD MOTOR CO.



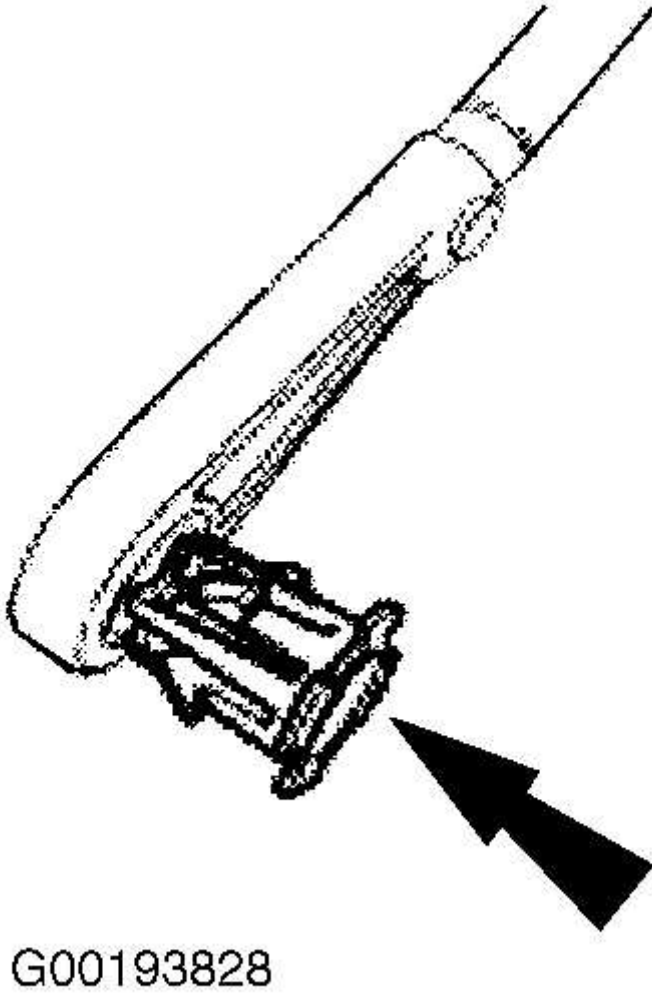
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**[Fig. 12: Locating Clutch Pedal Position Switch Harness Connector](#)**  
Courtesy of FORD MOTOR CO.

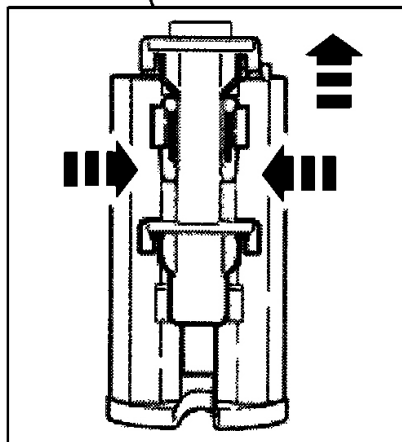
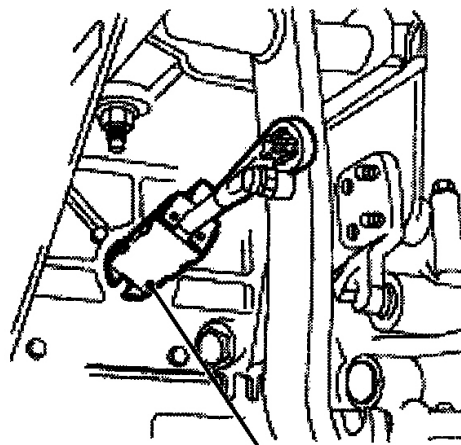
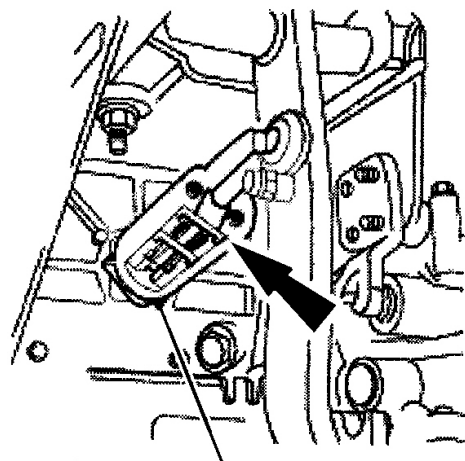


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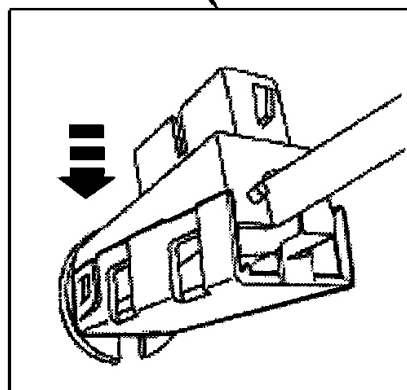
**Fig. 13: Removing & Installing Clutch Pedal Position Switch (At Pedal Arm)**  
Courtesy of FORD MOTOR CO.



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



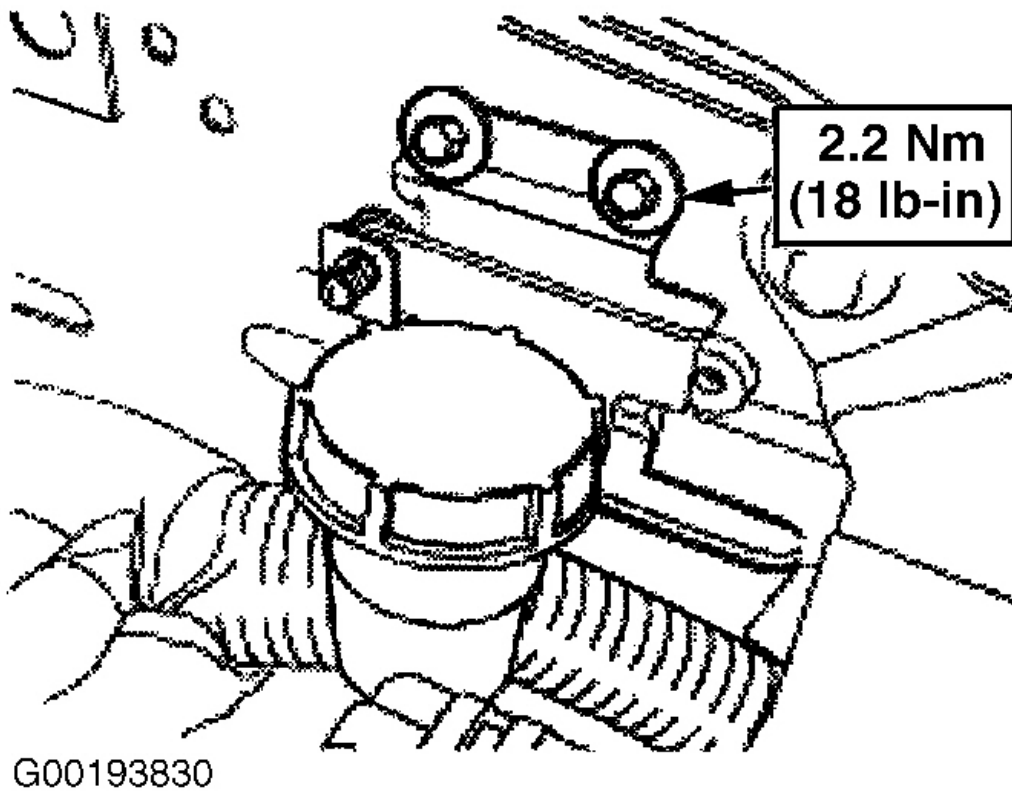
Explorer



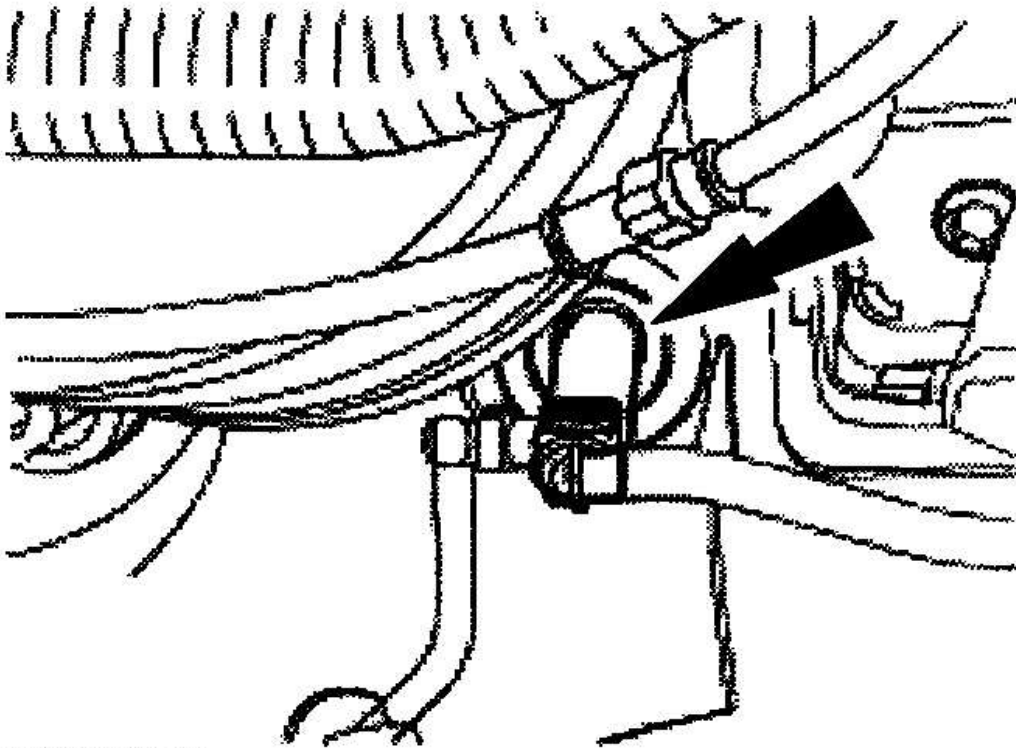
Explorer Sport, Explorer Sport Trac & Ranger

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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.