

1973 FORD MOTOR CO.

Ford Motor Co.

DESCRIPTION

Ford Motor Co. uses a hydraulic-electric motor to raise and lower the convertible top. Hydraulic-electric motor supplies necessary hydraulic pressure to top lift cylinder to raise and lower top. When switch is activated, electric motor drives pump, which then forces fluid to hydraulic cylinder.

HYDRAULIC SYSTEM

CHECKING FLUID LEVEL

Operate top to fully raised position. Remove rear seat cushion and seat back. Remove filler plug, fluid level should be at bottom lip of hole. When adding fluid use automatic transmission fluid type "A".

BLEEDING HYDRAULIC SYSTEM

If a component of the hydraulic system has been removed or replaced, it will be necessary to bleed the system. After filling the reservoir, install the filler plug by one or two threads, and cycle the top up and down several times. Replenish the fluid as necessary during the bleeding. When all air has been expelled, tighten filler plug.

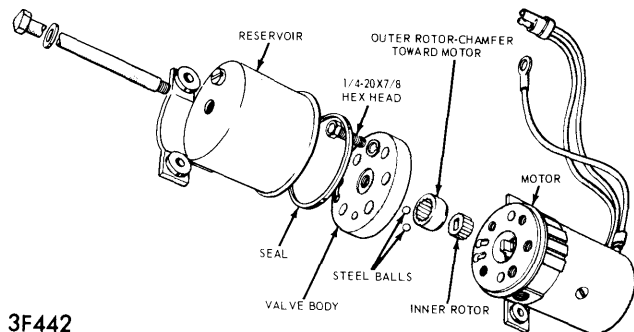
LIFT CYLINDER OPERATION

With rear seat removed and quarter trim panels removed, operate top and observe cylinders during up and down operation. Check for the following conditions.

1) If movement of a cylinder is erratic or sluggish, check hoses for kinks.

2) If one cylinder moves slower than the other, the slow cylinder is defective and should be replaced.

3) If both cylinder rods move slowly or not at all, check pressure of pump by removing pump assembly from car and testing on bench. Plug one port of pump and install a pressure gauge in the other. Actuate pump and note reading. Check other port pressure. A difference in readings is acceptable if both readings are within 240-280 Lbs.



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FORD MOTOR CO. MOTOR & PUMP