

# HOW TO INSTALL CONVERTIBLE TOP COMPONENTS

DO NOT use silicone brake fluid in convertible top systems. Use of silicone brake fluid voids your warranty. Silicone brake fluid has been known to cause system failure.

The complete system holds approximately 1 ½ to 2 quarts of fluid, use extreme caution if your system contains brake fluid as it can damage the paint on your car.

Cars older than 1953 use DOT-3 brake fluid. Cars 1953 and newer use DOT-3 brake fluid or automatic transmission fluid. Do not mix DOT-3 brake fluid and automatic transmission fluid.

A turkey baster is a great tool to fill convertible top pumps.

To check fluid level, put top in **down** position. Remove rubber plug or slotted screw at the end of the reservoir. **Do not remove the bolt that goes through the center of the pump!**

## Installation

1. Attach hydraulic lines. **Do not overtighten fittings.**
2. Attach power and ground wires.
3. Fill the reservoir until fluid runs out the filler hole or until the reservoir is approximately ¾ full. Put a rag under the filler hole to catch excess fluid.
4. Leave the plug out of the reservoir when testing the top operation as there is no pressure in the reservoir and this will allow any air bubbles to escape. Never run the top motor for more than 15-20 seconds at a time to prevent damage. Be careful, the top cylinders can produce over 1000 pounds of pressure and can cause considerable damage.
5. After running the top up and down 2 times, check the fluid level with the top in the **down** position. If necessary, add fluid until ¾ full and install filler plug.

## Trouble Shooting

1. Mechanical interference due to luggage or other objects.
2. Top latches not disengaged.
3. Top not free from windshield header studs.
4. Electrical shorts or loose connections.
5. Bad Ground.
6. Dirty control switch contacts.
7. Defective convertible top motor.
8. Hydraulic fluid low.
9. Defective convertible top pump.
10. Blockage in hydraulic lines.
11. Bent convertible top cylinder rod.
12. Defective convertible top cylinder.