



Technical Service Information

CHRYSLER A904 SURGING BETWEEN 35-55 MPH

This bulletin supersedes Technical Service Bulletin 18-55-86, which should be removed from your files.

This repair only applies to subject vehicles equipped with a Federal Emission Package. It does not apply to 5.2L 2BBL heavy duty engines (identified by~a~ "4" in the eighth [engine] character of the VIN).

SYMPTOM/CONDITION

Vehicle may exhibit a surge between steady speeds of 35 and 55 mph, with engine at full operating temperature.

DIAGNOSIS

Road test the vehicle at a steady speed between 35 and 55 mph to verify surge condition. Engine must be at full operating temperature. The surge normally is worse just after transmission lockup engagement.

PARTS REQUIRED

Drive Package PN 4419440 Consists of:

1 ESA/EFC Module	PN 4379255
1 6.2? Transmission Lock-Up Spring	PN 4202672
1 Transmission Pan Gasket	PN 4295875
1 Authorized Modification Label	PN 4275086

REPAIR PROCEDURE

This repair involves replacement of the transmission lock-up spring and a revised ESA/EFC module. The lock-up speed will be raised from approximately 43 mph to 53 mph.

1. Raise vehicle on hoist, remove shift linkage and kickdown linkage, drain transmission fluid, and remove transmission pan.
2. Lower valve body just enough to remove torque converter lock-up spring, replace with supplied spring, PN 4202672. Re-use the existing lock-up valve, fail safe valve and spring, cover, and screws (Figure 1).
3. Reinstall valve body and torque screws to 100 inch pounds.
4. Reinstall transmission oil pan using supplied gasket, PN 4295875. Reconnect shift and kickdown linkage. Lower vehicle and refill using transmission fluid, PN 4318077. Adjust shift and kickdown linkages per the service manual procedures.
5. Remove ESA and replace with supplied ESA, PN 4379255.
6. Type Authorized Modification Label, PN 4275086, as shown in Figure 2 and attach near VECI label.

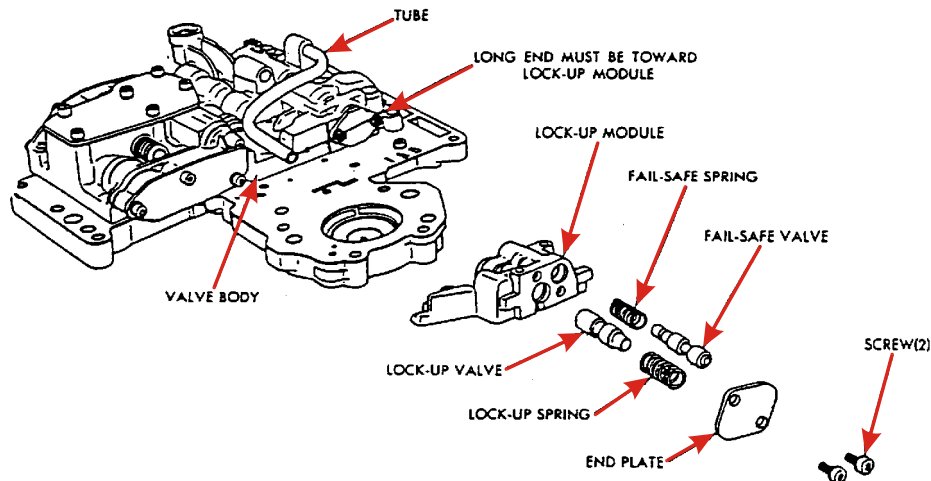


Figure 1