



CHRYSLER REAR DRIVE PREMATURE PLANETARY FAILURE

COMPLAINT: Before or after overhaul, some 94 and later Chrysler or Jeep vehicles equipped with rear wheel or 4 wheel drive transmissions may exhibit premature planetary failure.

CAUSE: The cause may be, the one-way ball and spring located in the return cooler hose as shown in Figure 1, may be sticking and inhibiting cooler flow to the return cooler fitting which is the rear cooler fitting on the transmission.

CORRECTION: Locate the return hose which is near the radiator as shown in Figure 2. The threaded fitting will have an arrow and the word *flow* identifying the one-way ball and spring. Remove and discard the hose shown in Figure 1 and reconnect the existing lines with a suitable hose. After making the repair ensure that there is a minimum of 1 quart of fluid flow in 20 seconds when the rear cooler line is placed into a container and the transmission selector is in Neutral.

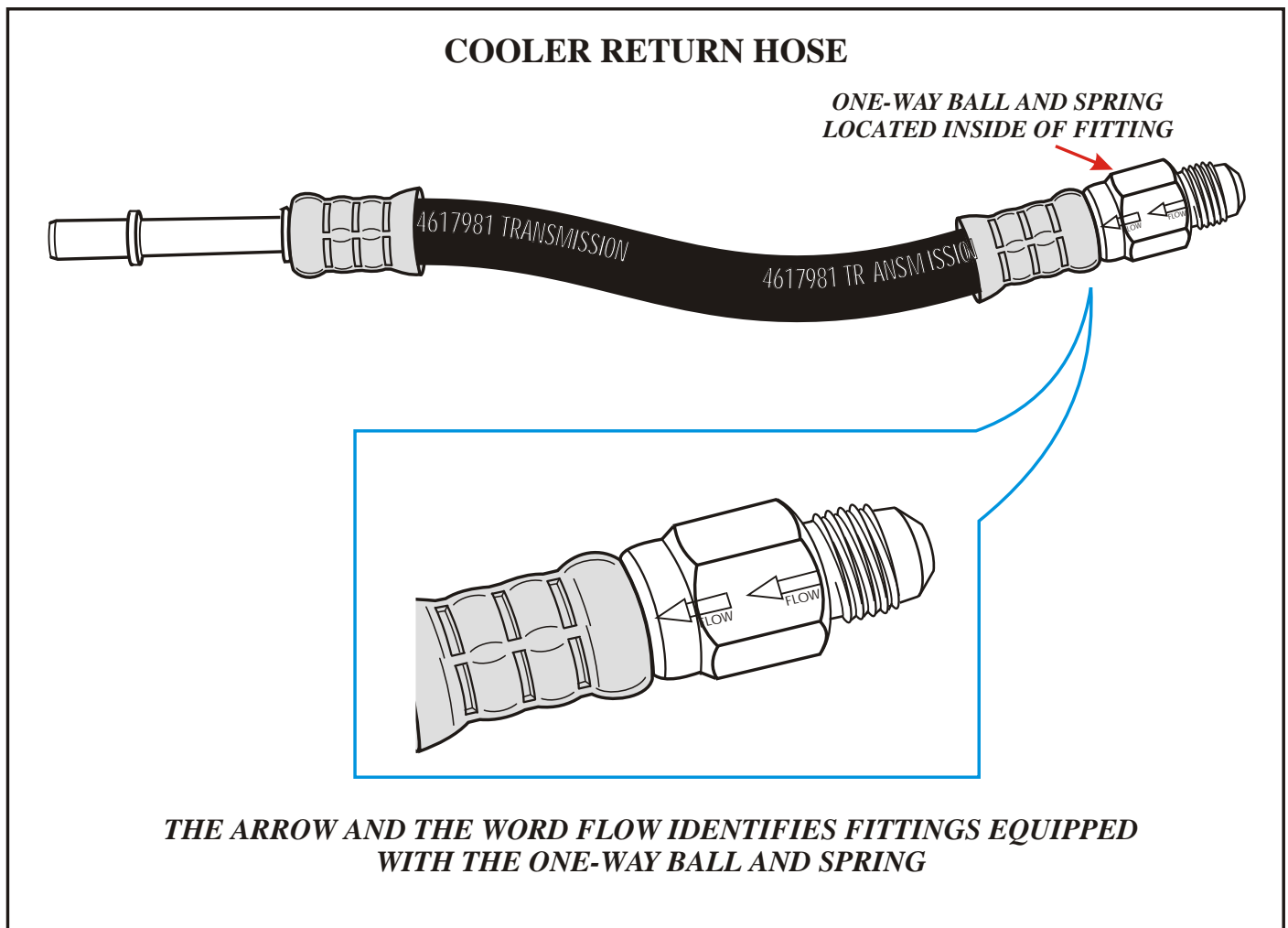


Figure 1

COOLER RETURN HOSE LOCATION

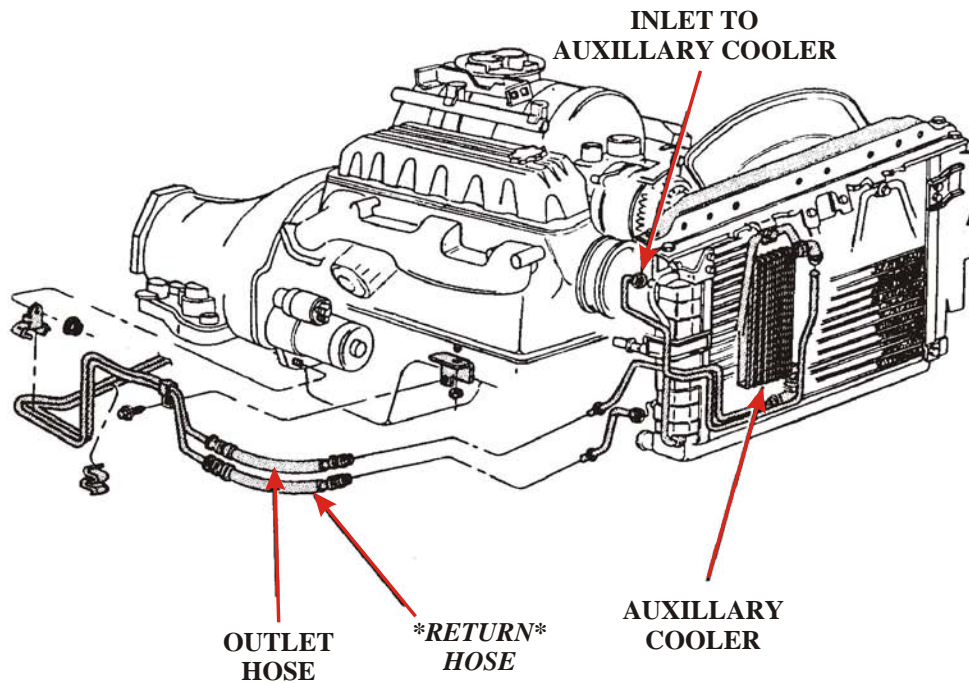


Figure 2