

DIAGNOSIS AND TESTING

DIAGNOSIS CHART

CONDITION	POSSIBLE CAUSE	CORRECTION
Transfer case noisy in all drive modes	1) Insufficient or incorrect lubricant 2) Internal transfer case components binding, worn, or damaged	1) Drain and refill the transfer case with the correct quantity of Mopar® ATF +4, Automatic Transmission Fluid. 2) Repair or replace components as necessary. NOTE: Check all case bearings for spalling or rough feel when freely rotated.
Lubricant leaking from transfer case seals or vent	1) Transfer case overfilled 2) Transfer case vent closed or restricted 3) Transfer case seals damaged or installed incorrectly	1) Drain lubricant to the correct level. 2) Clean or replace the vent as necessary. 3) Replace the suspect seal. NOTE: Check the slinger on the seal flange for molded rubber defects. This will cause a seal leak, if the rubber looks to be squeezing out of the slinger, replace the slinger with the seal.