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UNIT INSTALLATION AND TROUBLE SHOOTING GUIDE

Borg Warner 1354F, 1356F

Before attempting any diagnostic work or trouble shooting on the transfer cases, make sure that the tire pressures and circumference are all the same. Do not just compare tire sidewall labels, you must measure each tire around the center of the tread. A stagger gauge will let you do this with the vehicle on the ground in 5 minutes. The tires must match in size to ¼" (.250) if they do not sell the customer on a new set of tires and again measure them.

No shift to low range: Check wire connections on Main harness plug at the transfer case shift motor. Disconnect battery ground to clear codes, and make sure that the transmission manual lever position sensor is working correctly.

Transfer case goes into neutral when shifted to 4WD: The electric shift motor does not match the shift cam installed in the transfer case. There are 2 motors and 2 cams and they must match.

Fill these transfer cases with RSG530GM fluid only to insure maximum operating life and change fluid every 12,000 miles. Overfill the transfer case by 1 quart through the speedometer opening, this will increase transfer case life dramatically.