



NAPA Tech TIPS

SUPPORTING TODAY'S PROFESSIONAL TECHNICIAN



Transfer Case Motor Typical Failures and Prevention

Application:

Chevy/GMC, Ford, Mazda and Isuzu 4-wheel drive vehicles equipped with Transfer Case Motors.

Problem:

Unable to change to 4-wheel drive mode.

Cause:

Possible Transfer Case Motor failure.

Solution:

Replace defective original motor with a NAPA remanufactured unit.

Installation Tips:

Most units fail because of water or mud intrusion. Carefully inspect motor boot or protective coverings. Be sure connector seals can keep water and debris out. Check wiring harness and connector. Replace or repair wiring as necessary. After installation, periodically select 4-wheel drive mode to ensure operation when needed.

Replacement motors for GM vehicles are supplied in 2-wheel drive position. If necessary, select or move transfer case into 2-wheel drive before installation of replacement motor. GM applications will require a scan tool to clear the codes from the transmission control module (refer to the vehicle service manual for correct tool and procedures).

Ford applications require transfer of wire connector pins. Be sure to record pin location before removing the original unit.



Typical Ford Motor



Typical GM Motor