

DESCRIPTION

NOTE: For the purpose of this article, Navajo and Explorer names are used interchangeably, as are Ranger and "B" Series unless otherwise noted.

NOTE: This article does not apply to four wheel drive Mazda "B" Series pickups produced outside of North America.

TRANSFER CASE

The Borg-Warner 1350 is a chain driven, part time 4WD unit. It provides 4 driving modes. This unit offers 2WD and 4WD high ranges, 4WD low range and Neutral. The 1350 has a 3 piece aluminum case, an internal oil pump driven off the rear output shaft and an angular front output shaft with a cardan joint. Floor mounted shift levers or overhead mounted pushbuttons select driving ranges, high and low, and driving modes, 2WD and 4WD. Oil pump is driven by rear output shaft. This allows vehicle to be towed for long distances without disconnecting propeller shafts.

ELECTRONIC SHIFT TRANSFER CASE

Some models are equipped with an Electronic Shift Transfer Case which is activated by pushbutton controls located in an overhead console. This system allows the vehicle to be shifted from 2WD high to 4WD high at any vehicle speed.