

**QUADRA-VERSION  
FOUR-WHEEL DRIVE**

Maximum traction made possible by engaging (locking) free-wheeling front hubs and selecting 4H or 4L of 2-speed transfer case to transmit engine torque to all four wheels instead of just the two rear.

**CAUTION: When transfer case is in "N" (neutral position), the transmission "PARK" feature is disabled. Parking brake must be applied or vehicle may move unexpectedly causing serious injury or death.**

TRANSFER CASE RANGE SELECTIONS (See Operating Instructions)

**4-WHEEL DRIVE (LOW RANGE) POSITION**

Power to front and rear axles at reduced speed.

NOTE: Speedometer will read much faster than vehicle is traveling. Do not exceed 80 MPH indicated (30 MPH actual) speed.

**NEUTRAL**

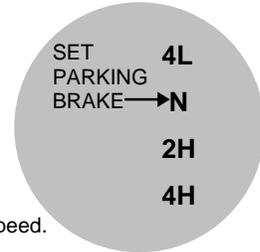
No power to either axle. Use for vehicle towing.

**2-WHEEL DRIVE POSITION**

Power to rear axle only.

**4-WHEEL DRIVE POSITION**

Power to front and rear axles at normal speed.



**OPERATION:**

The vehicle should only be engaged in 4 Wheel Drive for off-road operation or when road or weather conditions create poor traction. When you are operating the vehicle on DRY roads keep the transfer case in 2H to prevent excessive tire wear and drive train damage.

**ENGAGE FOUR WHEEL DRIVE WITH – MANUAL LOCK-OUT HUBS**

1. Prepare your vehicle for 4x4 operation by turning the front wheel hub selector knobs, clockwise to the "LOCK" position. A slight movement of the vehicle in either direction will complete the lock. Both hub lock selector knobs must be set in the same function to avoid excessive front differential wear and undesirable vehicle handling characteristics. Shift transfer case to 4H only when conditions require increased traction.
2. **4H. 4WD High Range for Normal Highway Speed** The TRANSFER CASE may be shifted between 2H and 4H while the vehicle is in motion at speeds up to 55 mph, provided that hubs are in the "LOCK" position.
3. **4-Wheel Low (4L):** This setting also engages your front axle for increased traction and the lower gear increases power. It should be used only for off-road driving, there are 2 options for engaging 4L. **NOTE:** Speedometer will read nearly 3 times faster than vehicle is traveling. It is not recommended to exceed 80 MPH indicated (30 MPH actual) speed in 4WD Low Range.
  - **Engine Off:** Apply brakes, shift TRANSMISSION in N (Neutral). Take foot off brakes to allow a slight movement and shift TRANSFER CASE lever into 4L. Restart engine. If vehicle will not move or there is gear clashing then the lever was not fully engaged in 4L position, repeat procedure. Use same procedure to disengage 4L into either 4H or 2H.
  - **Engine On:** Slow the vehicle to about 1 to 3mph (2to 5 km/h) and shift TRANSMISSION into NEUTRAL (N). Shift the transfer case shift lever in one continuous motion. Do not pause in NEUTRAL (N) as you shift the transfer case into 4-WHEEL LOW (4L), or your gears could clash. If vehicle will not move or there is gear clashing then the 4L position was not fully engaged. Turn your engine off, then proceed to shift into 4L. Use same procedure to return to 4H or 2H.
4. **CAUTION:** If the transfer case has been placed in Neutral, it will be necessary to SHUT THE ENGINE OFF before attempting to select any other position or clashing of gears and resulting transfer case and or transmission damage will occur.
5. **CAUTION:** To avoid damaging the rear axle and drive shaft, never operate the vehicle with transfer case in low range and hub locks in "FREE" position.

**RETURN TO TWO-WHEEL DRIVE WITH – MANUAL LOCK-OUT HUBS**

**4H** can be disengaged at any time by moving lever to 2H. Hubs will disengage automatically. For best fuel economy, less tire wear and quietest operation, turn both hub lock selector knobs counterclockwise to the FREE position when the need for 4- wheel drive is no longer anticipated.

**ENGAGE FOUR-WHEEL DRIVE WITH – "AUTOMATIC" LOCKING HUBS (OPTIONAL)**

1. **4H. 4WD High Range for Normal Highway Speed** - The vehicle must always be stopped when shifting into four-wheel drive if hub locks are in "Auto" position. (See #2 above). Move the transfer case lever to the 4H position. The hub locks will automatically engage when the vehicle is driven.
2. **4L. 4WD Low Range for Off-road Use at Very Low Speed** - To shift transfer case into or out of 4L, stop vehicle and shift transmission into neutral, then move transfer case lever to 4L. (See #'s 3 & 4 above.)

**RETURN TO TWO-WHEEL DRIVE– "AUTOMATIC" LOCKING HUBS (OPTIONAL)**

**4H** can be disengaged at any time by moving lever to 2H. Hubs will disengage automatically if in "AUTO" position.