TRANSFER GEARBOX

CAUTION

Do not use auxiliary equipment, such as roller generators, that are driven by only one or two wheels of the vehicle, as they will cause failure of the transfer gearbox.



The transfer gearbox allows selection of high or low range gears.

HIGH range (Hi)

Hi should be used for all normal road driving and also for off-road driving across dry, level terrain.

LOW range (Lo)

Lo should only be used in situations where low speed manoeuvring is necessary.

Also use **Lo** for more extreme off-road conditions. Do not attempt to use the **Lo** for normal road driving.

Range changing

The recommended method of changing range is with the vehicle stationary. For experienced off-road drivers, messages displayed in the message centre will assist in carrying out a range change on-the-move.

Range change indicators

In **Hi**, the **Hi** range indicator lamp at the switch is illuminated.



In **Lo**, the green warning indicator in the instrument pack and the **Lo** range indicator lamp at the switch are illuminated.

Hi to Lo change illustrated



While a range change is in progress, the range indicator lamps will flash as follows:

Hi to Lo change

- The **Lo** range lamp and indicator flash during the change and then illuminate constantly.
- The **Hi** range lamp extinguishes when the change is complete.
- The message **LOW RANGE ENGAGED** is briefly displayed in the message centre.

Lo to Hi change

- The **Hi** range lamp and the **Lo** range indicator both flash during the change.
- The **Hi** range lamp illuminates constantly when the change is complete.
- **Lo** range indicator extinguishes when the change is complete.
- The message **HIGH RANGE ENGAGED** is briefly displayed in the message centre.

Stationary range changing

With the vehicle stationary, select **N**.

Move the transfer gear switch towards the range required and release. The switch returns to the default position and range change status will be confirmed after several seconds.

Range changing on the move

Note: *If the vehicle speed is too high when a range change is requested, a warning chime sounds and* ***SPEED TOO HIGH FOR RANGE CHANGE*** *appears in the message centre.*

Automatic Transmission - High to Low

1. With the vehicle slowing down and travelling at between 40 km/h (24 mph) and 3 km/h (2 mph) select **N**.
2. If **N** is not selected before using the transfer gear switch, the message **SELECT NEUTRAL FOR RANGE CHANGE** is displayed and a warning chime sounds.
3. Press the rear of the transfer gear switch to the **Lo** position and release.
4. The switch returns to the default position and range change status will be confirmed after several seconds. A drive gear cannot be selected until the range change is complete.

Manual transmission - High to Low

1. With the vehicle slowing down and travelling at between 20 km/h (12 mph) and 3 km/h (2 mph) depress the clutch and select neutral.
2. If neutral is not selected before using the transfer gear switch, the message **SELECT NEUTRAL FOR RANGE CHANGE** is displayed and a warning chime sounds.
3. Press the rear of the transfer gear switch to the **Lo** position and release.
4. The switch returns to the default position and range change status will be confirmed after several seconds. If a gear is selected before the range change is complete, the change will cancel and may leave the transfer box in neutral. An audible warning will be given.
5. After a failed range change, it will be necessary to reselect neutral in the gearbox and repeat the range change procedure.

Changing from Low to High

With the vehicle travelling no faster than 60 km/h (38 mph), select **N** or neutral. Press the front of the transfer gear switch to the **Hi** position and release it.

Indication of the range change status is the same as for the stationary method.

Now select **D** or the most appropriate manual gear for the vehicle speed.

Messages

The following messages could appear in the message centre. Market criteria mean that some messages will not apply to your vehicle and will therefore not appear.

Message	Meaning	What to do?
TRANSMISSION FAULT	Advises driver that a fault with the transmission has been detected.	Reduce speed and seek qualified assistance as soon as possible.
SPEED TOO HIGH FOR RANGE CHANGE	Driver has requested range change when vehicle speed is too high.	Reduce speed to 40 km/h (25mph).
SELECT NEUTRAL FOR RANGE CHANGE	Alerts driver that range change will not occur until neutral is selected on the transmission.	Select neutral.
REAR AXLE FAULT	Advises driver that a fault has occurred with the electronic rear differential.	Seek qualified assistance as soon as possible.
REAR AXLE OVERHEAT	The temperature of the rear differential has reached its overheat threshold.	Reduce speed and seek qualified assistance as soon as possible.