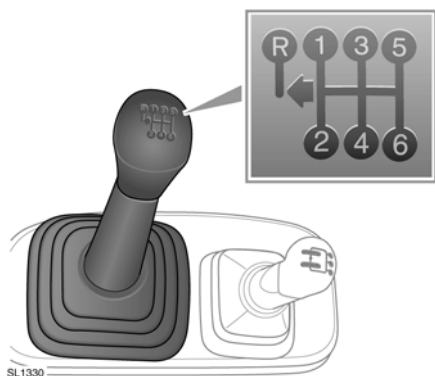


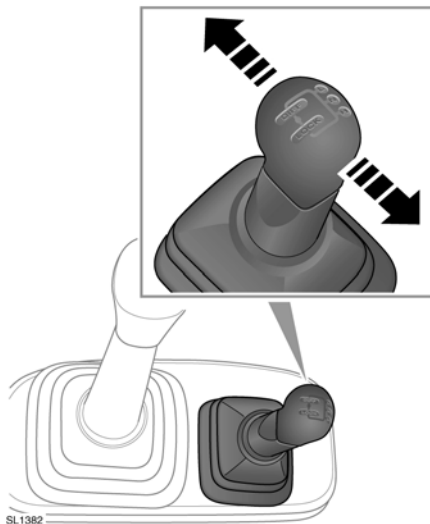
MANUAL TRANSMISSION

- ❗ Never attempt to engage reverse gear while the vehicle is in forward motion. This may result in serious transmission damage and costly repairs.
- ❗ Do not rest your hand on the gear lever while driving as this may cause premature wear to the gear selector mechanism.
- ❗ Do not rest your foot on the clutch pedal.



The transmission consists of a six speed manual gearbox and a high/low range transfer box. A centre differential distributes the drive to the front and rear axles, providing permanent four wheel drive.

TRANSFER BOX



High range

Pull the lever backwards. Use for all normal road driving and when off-road driving across dry, level terrain.

Low range

Push the lever forwards. Use only when low speed manoeuvring is necessary. Also use for more extreme off-road conditions where progress in high range cannot be maintained. Move back to high range as soon as conditions allow.

Transfer neutral

In transfer neutral position, there is no drive to the road wheels. Use this position when the vehicle is towed.

USING THE TRANSFER BOX

There are two methods for changing gear, stationary or on the move.

Stationary method

With the engine running:

1. Depress the clutch.
2. Move the transfer lever to the neutral position then into the desired range.

If there is resistance when attempting to select the desired range, do not force the lever.

Instead:

1. With the transfer box in neutral, depress the clutch and move the main gearbox into 2nd gear.
2. Release the clutch momentarily then depress it again. Now attempt to select the desired range in the transfer box.
3. Select the appropriate gear in the main gearbox and pull away.

On the move - high to low

With vehicle speed no faster than 8 km/h (5 mph):

1. Depress the clutch.
2. Move the transfer lever to the neutral position.
3. Just before the road wheels stop turning and with the clutch still depressed, push the lever into low range.

On the move - low to high

1. Without depressing the clutch, apply slight rearward pressure to the lever.
2. Now depress the clutch, release the accelerator and then pull back the lever into neutral position.
3. Release the clutch for approximately three seconds, depress it again and then pull back the lever into high range.

4. Select a suitable gear in the main gearbox and continue driving.

DIFFERENTIAL LOCK



Do not engage the differential lock if one or more of the wheels is slipping - this could damage the transmission.

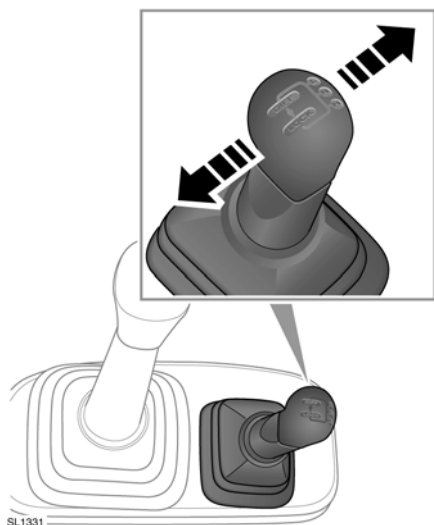


Do not engage the differential lock from the transfer neutral position.

Note: *If the vehicle is driven on hard surface roads while the differential is locked, the steering will feel stiff, excessive tyre wear will occur and the transmission will be under excessive strain.*

The transmission has a lockable differential between the front and rear propshafts. A locked differential will aid progress when driving off-road on loose and slippery surfaces. Ensure that the differential is not locked when driving on a hard surface, even when off-road.

The differential can be locked at any time but it is essential that the vehicle is travelling in a straight line on firm ground and there is no wheel slip.



Locking the differential

With the transfer box in either high or low range, depress the clutch and move the lever to the left. When the lock is engaged, a warning lamp will illuminate in the instrument panel.

Unlocking the differential

Depress the clutch and move the lever to the transfer gearbox high or low position. When the lock is disengaged, the warning lamp should extinguish. If not, transmission wind-up is the probable reason.

Transmission wind-up

To relieve the transmission strain, reverse the vehicle for a short distance and then drive forwards. The warning lamp should now extinguish.

If, after three attempts, the warning lamp has not extinguished, consult your Dealer/Authorised Repairer as soon as possible.

OFF ROAD DRIVING

Advice on the selection of gears and how to use the vehicle in specific circumstances can be found in the Off-Road Driving handbook. This is available on line at;

www.ownerinfo.landrover.com

Off-road driving training should be undertaken by anyone intending to drive off-road. Training is available at your nearest Land Rover Experience centre. More details can be found at;

www.landroverexperience.com

A comprehensive DVD entitled **Driving Off-Road - A Land Rover Guide** is available from Land Rover Dealers.

TRANSMISSION FLUIDS AND CAPACITIES

Part	Specification	Capacity
Manual gearbox	Castrol BOT 130M or equivalent	Refill - 2.2 litres (4.2 pints)
Transfer gearbox	Castrol Syntrax 75W/90 or Texaco Multigear 75W/90R or equivalent	2.3 litres (4.05 pints)
Final drive unit	Castrol EPX 80W/90 or Texaco Geartex EP 85W/90 or equivalent	1.6 litres (2.81 pints)
Front axle swivel pin housings	Texaco Molytex EP00 or equivalent	0.38 litres (0.66 pints)