

- Using the screwdriver from the onboard vehicle tool kit, refer to page 233, press the red lever while moving the selector lever to the desired position.

## 7-gear Sports automatic transmission with double clutch\*

### The concept

The 7-gear Sports automatic transmission with double clutch is an automated manual transmission with two clutches and secondary gear sets in which the clutching and shifting is handled by an electrohydraulic system. With the 7-gear Sports automatic transmission with double clutch, the gears are shifted without an interruption in driving power.

You operate the 7-gear Sports automatic transmission with double clutch using the selector lever and two shift paddles on the steering wheel.

It offers you the following functions:

- ▷ either manual or automatic mode: sequential mode or drive mode
- ▷ automatic downshifting and protection against incorrect gear selection, even in sequential mode
- ▷ Launch Control, refer to page 64
- ▷ Automatic throttle blip

### System limitations

The 7-gear Sports automatic transmission with double clutch has an overheating protection that protects the clutch from extreme loads.



The indicator lamp lights up in yellow if the transmission becomes too warm.

Avoid high engine loads and frequent accelerations from zero. If the transmission is overheated, the indicator lamp lights up in red and the power flow to the motor is interrupted. It is only possible to continue driving once the transmission has cooled down.

Avoid frequent powerful accelerations from zero and do not hold the vehicle on inclines by pressing lightly on the accelerator while letting the clutch slip, as this may cause the transmission to overheat.

### Selector lever positions

P R N D M/S + -

### Displays in the instrument cluster

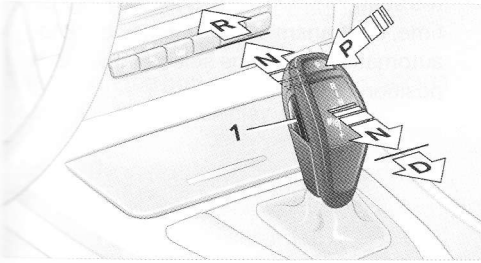


The selector lever position and the engaged gear are displayed, e.g. M4.

### Engaging selector lever positions

- ▷ The selector lever can be moved out of position P only with the engine running: interlock.
- ▷ Before moving the lever away from P or N with the vehicle stationary, first depress the brake; otherwise, the desired shift will not be executed: shiftlock.

## Shifting into N, D, R

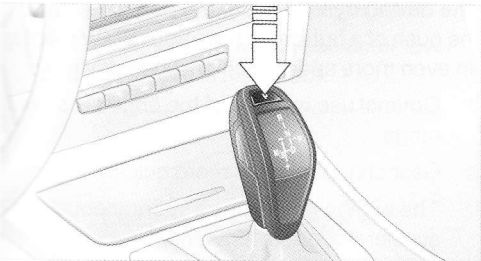


Briefly push the selector lever in the desired direction, overcoming a resistance point if necessary. When shifting out of P or into R, simultaneously press the button **1**.

The engaged selector lever position is also displayed on the selector lever.

When you release the selector lever, it returns to its center position.

## Shifting into P



Press the button **P**.

## P Park

Select this only when the vehicle is stationary. The rear wheels are locked.

▶ The transmission is shifted into P if, with the engine running, you open the driver's door, do not have your safety belt fastened, and subsequently actuate neither the brake pedal nor the accelerator. ◀

▶ The transmission is shifted into P as soon as you switch off the engine, unless the transmission is in N and the remote control is in the ignition lock, refer to page 230. As soon as you remove the remote control from the ignition lock, then the transmission is shifted into P. ◀

## R Reverse

Select this only when the vehicle is stationary.

## N Neutral

You can select this in a car wash, for example. The vehicle can roll.

▶ After the engine is switched off, the transmission remains in N if you leave the remote control in the ignition lock. You can use this function at a car wash, for example, refer to page 230. ◀

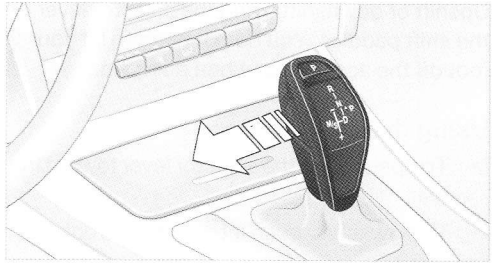
## D Drive mode

In Drive mode, all forward gears are shifted automatically.

## Kickdown

For sudden acceleration maneuvers such as passing, depress the accelerator past the resistance point. This provides maximum acceleration.

## Sport program and manual operation M/S



Push selector lever toward the left from the selector lever position D, the Sport program is activated. This position is recommended for a performance-oriented driving style. The engaged gear, e.g. S1, is displayed in the instrument cluster.

When you press the selector lever forwards or backwards, the manual mode is activated and Steptronic changes gear.

The engaged gear, e.g. M1 is displayed in the instrument cluster.

In the following situations, the 7-gear Sports automatic transmission with double clutch does the thinking for you:

- ▷ Upshifts and downshifts are executed only when they will result in a plausible combination of engine and vehicle speed; thus, for example, a downshift that could cause the engine to overrev will not be executed by the system.
- ▷ At a stop, the transmission is automatically shifted down to the first gear.
- ▷ Shortly before the speed falls below a gear-dependent minimum speed, the transmission automatically downshifts without your intervention.

**Quick downshifting:** Even in sequential mode, you can skip over several gears in order to achieve an optimum acceleration. To do so, depress the accelerator past the resistance point.

To return to automatic mode, push the selector lever to the right.

## Gear shifting

Upshift or downshift using the selector lever or the shift paddles. You do not need to lift your foot off the accelerator when doing so.

### Using the selector lever

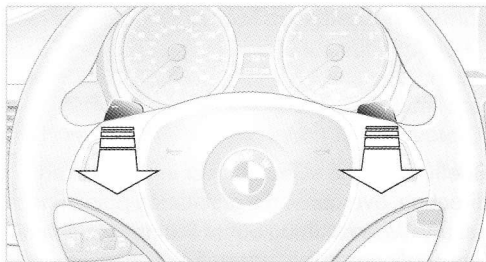
- ▷ To upshift, pull the selector lever toward the rear.
- ▷ To downshift, push it toward the front.

### Using the shift paddles on the steering wheel

You can also shift manually using two shift paddles on the steering wheel. The shift paddles allow you to shift gears quickly since both hands can remain on the steering wheel.

- ▷ When you use the shift paddles on the steering wheel to shift gears in automatic mode, the transmission switches to manual mode.

- ▷ If you do not accelerate or shift gears using the shift paddles for a certain amount of time, the transmission switches back to automatic mode if the selector lever is in position D.



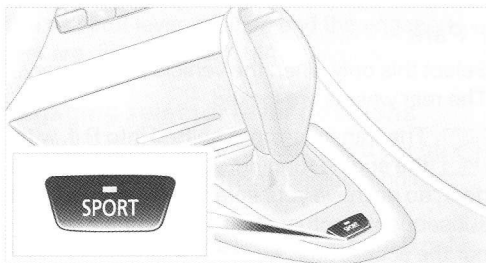
- ▷ To upshift, briefly pull the right shift paddle +.
- ▷ To downshift, briefly pull the left shift paddle -.

## Driving dynamics control

The driving dynamics control permits you, at the push of a button, to have your BMW react in an even more sporty fashion when driving:

- ▷ Optimal use is made of the engine's speed range.
- ▷ Gear changes occur more quickly.
- ▷ The engine reacts more spontaneously to accelerator pedal movements.

## Activating the system



Press the SPORT button. The LED in the button lights up and SPORT appears in the info display.

## Deactivating the system

- Press the SPORT button again
- Switching off the engine

The LED in the button lights up and SPORT appears in the info display.

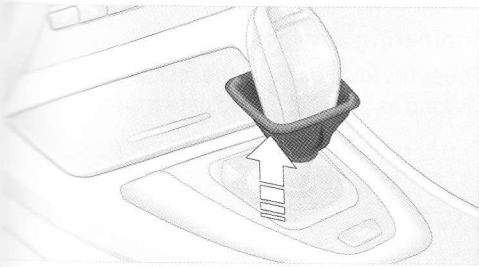
## Manually unlocking parking lock

➤ In the event of a power supply interruption such as a discharged or disconnected battery or an electrical malfunction, the parking lock must be manually unlocked; otherwise, the rear wheels are immobilized and the vehicle cannot be towed. ◀

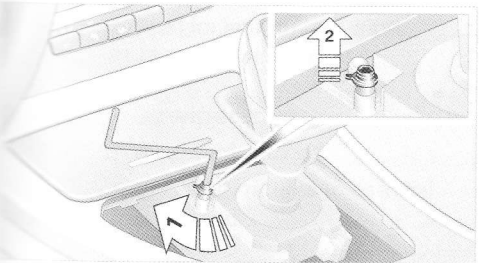
Only unlock the parking lock manually for towing and make sure to set the parking brake forcefully beforehand so that the vehicle cannot roll. Lock the parking lock again after the vehicle is parked.

## Releasing

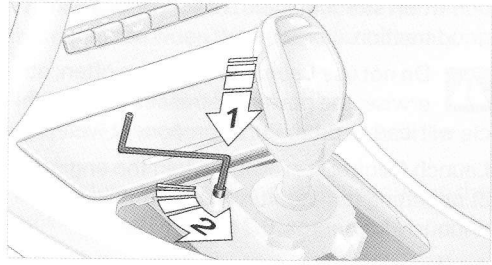
1. Unclip the sleeve of the selector lever.
2. Pull the sleeve up over the selector lever until the sleeve is inside out.




3. Using the allen wrench from the toolkit, refer to page 233, rotate the cover until it reaches the stop, arrow 1, and remove, arrow 2.




4. Insert allen wrench into the opening, arrow 1.



5. Rotate allen wrench until it reaches the stop, arrow 2. The parking lock is unlocked.

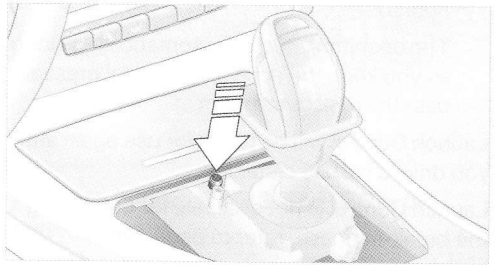
 Do not turn allen wrench in the opposite direction; otherwise, you may damage the mechanism. ◀

6. Remove allen wrench from the opening.

 After parking the vehicle, lock the parking lock again. Otherwise, there is a danger that the vehicle will roll. ◀

## Locking

1. Press the button, see arrow.  
The parking lock is locked again.



2. Replace cover again.
  3. Clip the selector lever sleeve back into place.
  4. Forcefully apply the parking brake.
- Jump-starting and towing, starting on page 241.

## Launch Control

Launch Control enables an optimum acceleration when starting off on a road surface with good traction.



Do not use Launch Control too often; otherwise, the powerful stresses on the vehicle will lead to premature component wear. ◀

Launch Control is available when the engine is at operating temperature, i.e. after driving continuously for approx. 6.2 miles/10 km.

1. With the engine running, step on the brake with your left foot.
2. Activate Dynamic Traction Control (DTC), refer to page 90.
3. Activate Driving dynamics control, refer to page 62.
4. With the vehicle stationary, activate the manual mode and select 1<sup>st</sup> gear.
5. With your right foot, push the accelerator pedal past the resistance point. The engine speed for pulling away is adjusted. A flag symbol appears in the instrument cluster.
6. When you release the brake pedal, the vehicle accelerates. Keep the accelerator pedal floored.
7. The upshifting occurs automatically as long as you keep the accelerator pedal pressed past the resistance point.

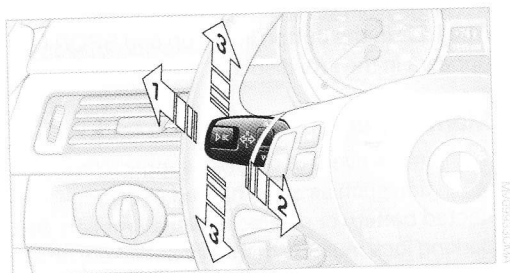
Launch Control will be ready for use again after you drive a certain distance.

Launch Control is not available for use during the break-in phase, refer to page 126.



To maintain driving stability, keep DSC activated whenever possible. ◀

## Turn signals/ headlamp flasher



- 1 High beams
- 2 Headlamp flasher
- 3 Turn signals

### Using turn signals

Press the lever beyond the resistance point.

To turn off manually, press the lever to the resistance point.



Unusually rapid flashing of the indicator lamp indicates that a turn signal indicator has failed. ◀

### Indicating a turn briefly

Press the lever as far as the resistance point for as long as you wish to indicate a turn.