



## Driving Programs for On-Road and Off-Road Driving

Two different driving programs with special power-transmission and running-gear control systems (such as ABS, off-road ABS and PSM, etc.) are provided in your Porsche, with the aim of realising the best possible driving dynamics combined with maximum safety.

All control systems meet these requirements for both off-road and normal driving.

With rocker switch **A**, you can easily select the appropriate driving program to suit the special requirements for the respective terrain.

### Off-road program Low Range (with reduction)

When Low Range is active, the power transmission and running-gear control systems are automatically adapted to the requirements for off-road driving.

### On-road driving program High Range (without reduction)

When High Range is active, the power-transmission and running-gear control systems are automatically adapted to the requirements for on-road driving.

### Use

Rocker switch **A** is located in the center console of the vehicle. It features a multi-step function and can be operated in both directions.

Each time the rocker switch is pushed forward, the vehicle becomes one step more suitable for off-road driving. This is realized by changing from the on-road to the off-road driving program or by engaging the differential locks in stages. The number of differential locks that can be engaged in Low Range depends on the equipment of your vehicle.

Each time the rocker switch is pushed back, the vehicle becomes one step more suitable for on-road driving.

Once the driving program has been selected, the rocker switch springs back to home position.

### Notes on operation

If the Low Range indicator light beside the rocker switch flashes rapidly **after the ignition is switched on**, there is a fault in the shifting system.

- ▷ Please have the vehicle checked immediately at an authorized Porsche dealer.

## **Low Range indicator light**

If the Low Range indicator light beside the rocker switch flashes when you attempt to operate rocker switch, the conditions for a shift have not been met:

### **Vehicles with manual transmission**

- Vehicle is not stationary.
- Brake is not pressed.
- Gear-shift lever is not in neutral.

### **Vehicles with Tiptronic S**

- Vehicle has exceeded or gone below the limit speed.
- Selector lever is not in position **N**.



**A** - Rocker switch  
**B** - Low Range is engaged

## **Changing from on-road driving program to off-road driving program**

### **Vehicles with manual transmission**

- ▷ Stop the vehicle.
- ▷ Apply the brake.
- ▷ Put the gearshift lever in neutral.

- ▷ Push rocker switch **A** forward until activation of the off-road driving program is indicated on the multi-purpose display of the instrument panel and by illumination of light-emitting diode **B**. The Low Range indicator lights in the instrument panel and beside the rocker switch **flash several times** during the shifting process. Low Range is now engaged.

### **Caution!**

**Risk of engine damage (overrevving). In the Low Range program, the gear-changing points are shifted towards lower engine-speed ranges.**

- ▷ Shift early to prevent overrevving the engine.

### **Tip on driving**

When Low Range is active, the power transmission and running-gear control systems are automatically adapted to the requirements for off-road driving.

### Vehicles with Tiptronic S

- ▷ Reduce speed to below 9.3 mph (15 km/h) or stop vehicle.
- ▷ Move Tiptronic selector lever to position **N**.
- ▷ Push rocker switch **A** forward until activation of the off-road driving program is indicated on the multi-purpose display of the instrument panel and by illumination of light-emitting diode **B**. The Low Range indicator light on the instrument panel and light-emitting diode **B** beside the rocker switch **flash several times** during the shifting process. Low Range is now engaged.

#### **Danger!**

**Risk of accident, resulting in serious personal injury or death due to uncontrolled vehicle movement. The Tiptronic selector lever is blocked during the shifting procedure. Shifting when driving uphill can cause the vehicle to stand still or even roll backwards, if the shifting procedure has not yet been completed. When driving downhill, the vehicle can accelerate unintentionally while shifting.**

- ▷ Increased brake readiness is required.



- A** - Rocker switch
- B** - Low Range is engaged
- C** - Center differential lock is fully engaged

### Fully engaging the center differential lock in Low Range

#### Tip on driving

When the center differential lock is fully engaged, there is no longer any speed difference between the front and rear axles. If, for example, both wheels at the front axle lose traction on an icy road or soft surface, the rigidly linked drive wheels will permit the vehicle to continue moving nevertheless.

- ▷ Push rocker switch **A** forwards in stages until engagement of the center differential lock is indicated on the multi-purpose display of the instrument panel and by the illumination of the two light-emitting diodes **B** and **C**. The center differential lock is changed over to fully engaged state by the automatic control system.



- A - Rocker switch
- B - Low Range is engaged
- C - Center differential lock is fully engaged
- D - Rear differential lock is fully engaged

### Fully engaging the rear differential lock in Low Range

#### Tip on driving

When the rear differential lock is fully engaged, there is no longer any speed difference between the two rear wheels. If, for example, one drive wheel at the rear axle loses traction on an icy road or soft surface, the stiff through-drive function will permit the car to continue moving nevertheless.

- ▷ Push rocker switch **A** forwards in stages until engagement of the rear differential lock (transverse lock) is indicated on the multi-purpose display of the instrument panel and by the illumination of the three light-emitting diodes **B**, **C** and **D**.  
The center and rear differential locks are changed over to fully engaged state by the automatic control system.

#### Note on operation

The rear differential lock can only be engaged while the engine is running.

### Changing from off-road driving program to on-road driving program

#### Vehicles with manual transmission

- ▷ Stop the vehicle.
- ▷ Apply the brake.
- ▷ Put the gearshift lever in neutral.
- ▷ Pull rocker switch **A** back in stages until light-emitting diodes **B**, **C** and if necessary, **D** are out.  
The Low Range indicator light on the instrument panel and light-emitting diode **B** beside the rocker switch **flash several times** during the shifting process.  
High Range is active.

#### Vehicles with Tiptronic S

- ▷ Reduce speed to below 19 mph (30 km/h) or stop vehicle.
- ▷ Move Tiptronic selector lever to position **N**.
- ▷ Pull rocker switch **A** back in stages until light-emitting diodes **B**, **C** and if necessary, **D** are out.  
The Low Range indicator light on the instrument panel and light-emitting diode **B** beside the rocker switch **flash several times** during the shifting process.  
High Range is active.

#### Danger!

**Risk of accident, resulting in serious personal injury or death due to uncontrolled vehicle movement. The Tiptronic selector lever is blocked during the shifting procedure. Shifting when driving uphill can cause the vehicle to stand still or even roll backwards, if the shifting procedure has not yet been completed. When driving downhill, the vehicle can accelerate unintentionally while shifting.**

- ▷ Increased brake readiness is required.