

TECHNICAL INFO

FORD

○ Type of vehicle

Ford Transit, ('00), 2,0l, 74kw (100 hp), year of construction 2000-2006

○ Vehicles in question

Long wheelbase with dual mounting (twin wheels), produced in 2002

● PROBLEM

At an approximate speed of 90km/h you can feel the brake shuddering.

○ Cause of the problem

Problems in the rear wheels

○ Fault elimination

It is recommended to make a test drive and see if the shudder derives from the front or rear wheels. As a second step the existing wheel version should be checked. The factory-modified version has the marking VYC15-GA embossed on the rim of the wheel. If this is not the case, it is recommended to replace the rear wheels and brake drums, including the spare wheel.

○ Type of vehicle

Ford Transit

○ Vehicles in question

All models with rear-wheel drive that were produced between 1992-2001, as well as all models with front-wheel drive that were produced from 2000-2004.

● PROBLEM

After not having moved the vehicle for a rather long time it is possible that, while activating the brake, the rear wheel brakes might block.

○ Cause of the problem

Corrosion and oxidation between the brake shoes and brake drums occurs.

○ Fault elimination

Remove the rear brake drums and take out the primary brake shoes. Chamfer the brake shoes.

○ Type of vehicle

Ford Mondeo, ('00), 2,0l, 107kw (145 hp), year of construction 2000-2007

○ Vehicles in question

All models that were produced until May 2002 (Code of production: 2J).

● PROBLEM

Squeaking noises come from the rear wheels, leading to excessive brake wear.

○ Cause of the problem

The rear wheel brake pads are blocked.

○ Fault elimination

Remove the rear brake pads and replace them.

TECHNICAL INFO

FORD

○ Type of vehicle

Ford Mondeo, ('00), 2,0l,107kw (145 hp), at 6000 rpm, year of construction 2000-2007

○ Vehicles in question

All models produced until 2002 (production code: 2U).

● PROBLEM

An excessive travel of the handbrake occurs.

○ Cause of the problem

Some of the components of the handbrake are damaged.

○ Fault elimination

First of all remove the ground console. Make sure that the handbrake is fully released. Turn the coil spring of the adjustment feature 2mm away from the stop. Pull the handbrake 2 snaps. Put the clip on the end that the arc is facing up. Release the handbrake. Pull the handbrake 1 snap. Then check the pull cable distance.

Models produced until the 1st of July 2001: 11,5 -13,5 mm

Models produced from the 1st of July 2001 on: 8,5 - 10,5 mm

○ Type of vehicle

Ford Galaxy, ('06), 103kw (143 hp), year of construction 2006-2010

○ Vehicles in question

All models.

● PROBLEM

The ABS warning light illuminates.

Error codes concerning the front ABS wheel speed sensor.

○ Cause of the problem

The wire harness of the front wheel speed sensors is damaged.

○ Fault elimination

It is recommended to check the wire harness for damages. If necessary repair or replace it.

○ Type of vehicle

Ford Galaxy, ('06), 2,0l TDCi

○ Vehicles in question

All models with 2,0l TDC, produced between 2008 and 2009.

● PROBLEM

A loss of braking power occurs when applying the brake during the warm-up phase of the engine.

The braking pedal is unusually difficult to move.

○ Cause of the problem

The control valve inside the brake booster is damaged.

○ Fault elimination

It is recommended to install a repaired brake booster

TECHNICAL INFO

FORD

○ Type of vehicle

Ford Galaxy, ('95), TYP WGR, 1,9l TDI, AFN

○ Vehicles in question

All models with 1,9l TDI (diesel engine), produced between 1999 and 2000.

● PROBLEM

The heater plug control light flashes while driving.

○ Cause of the problem

The brake pedal position switch is defective or set incorrectly.

○ Fault elimination

It is recommended to set the brake pedal position switch correctly or to replace it if necessary.

○ Type of vehicle

Ford Galaxy, ('95), 1,9l TDI, AFN, 81kw (110 hp) year of construction 1997-2000

○ Vehicles in question

All models.

● PROBLEM

The heater plug control light flashes while driving.

○ Cause of the problem

The brake pedal position switch is set incorrectly.

○ Fault elimination

It is recommended to check the setting of the brake pedal position switch with a diagnosis device.

○ Type of vehicle

Ford Focus, ('98), 1,8l, 85kw (115 hp), year of construction 1998-2005

○ Vehicles in question

All models with rear drum brakes and ABS.

● PROBLEM

The wheel speed sensor is damaged.

○ Cause of the problem

The rear drum brakes were removed incorrectly.

○ Fault elimination

Make sure not to remove the brake drums by loosening the wheel nuts!
Do not unplug the wheel speed sensor. Remove the clips of the sensor wire harness. Remove the screws of the kingpin. Remove the kingpin, the brake drums and the ABS wheel speed sensor.
When installing, ensure that the wire harness runs through the steering knuckle.
Attention: Wrong installation can result in damaging the components.
Tighten the screws of the kingpin to the torque of 66 Nm.

TECHNICAL INFO

FORD

○ Type of vehicle

Ford Focus, ('98), 1,8l, 85kw (115 hp), year of construction 1998-2005

○ Vehicles in question

All models with rear drum brakes produced between 1998 and 2000.

● PROBLEM

At low speed squeaking noises, coming from the rear brakes, occur.

○ Cause of the problem

The connection between brake shoes and brake drum leads to vibrations. The lubrication of the brake shoes on the Backplate isn't sufficient.

○ Fault elimination

Make sure not to remove the brake drums by loosening the wheel nuts!
Do not unplug the wheel speed sensor. Remove the clips of the sensor wire harness. Remove the screws of the kingpin. Remove the kingpin, the brake drums and the ABS wheel speed sensor.
When installing, ensure that the wire harness runs through the steering knuckle.
Attention: Wrong installation can result in damaging the components.

Install amended brake shoes which are causing less friction. Lubricate the mounting points of the brake shoes on the Backplate.
Tighten the screws of the kingpin to the torque of 66 Nm.

○ Spare parts

Brake shoes, spare part number: 1126158 – Brembo S 24 531

○ Type of vehicle

Ford Focus, ('98), 1,8l, 85kw (115 hp), year of construction 1998-2005

○ Vehicles in question

All models produced until 2001.

● PROBLEM

Noises and vibrations from the rear wheels.
Occasionally the ABS warning light flashes.

○ Cause of the problem

The rear wheel bearing is damaged due to moisture entry on the inside of the steering knuckle. The bearing surfaces are damaged.

○ Fault elimination

Make sure not to remove the brake drums by loosening the wheel nuts!
Do not unplug the wheel speed sensor. Remove the clips of the sensor wire harness. Remove the screws of the kingpin. Remove the kingpin, the brake drums and the ABS wheel speed sensor.
When installing, ensure that the wire harness runs through the steering knuckle.
Attention: Wrong installation can result in damaging the components.

Install the rear wheel bearing repair-kit. Tighten the screws of the kingpin to the torque of 66 Nm.
On vehicles with brake discs the steering knuckle has to be replaced.

TECHNICAL INFO

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○ Type of vehicle

Ford Ka, Fiesta, Puma

○ Vehicles in question

Ford Ka, 05/96-09/99 (production code: TC-XJ)

Ford Fiesta 06/95-09/99 (production code: SY-XJ)

Ford Puma 03/97-09/99 (production code: VM-XJ)

● PROBLEM

The rear wheel brakes are stuck. Excessive noise occurs, coming from the rear wheel brakes. The rear wheel brakes scrape when driving off.

○ Cause of the problem

Water entered into the rear wheel brakes through the brake cylinder.

○ Fault elimination

Remove the wheel hub and the brake drum.

Make sure not to remove the brake drums by loosening the wheel hub!

Place the sealing ring at the end of the brake cylinder without removing the brake shoes. Screw in the amended screws of the brake cylinder and tighten these to the torque of 13 Nm.

Make sure not to open or remove the brake line.