



Contents:

- **Certificate** (removable) **for:**

PORSCHE 911 (991) Coupe and Cabriolet 2WD/4WD B16 DT lift -
PORSCHE 911 (991) Coupe and Cabriolet Turbo 2WD/4WD B16 DT lift -

mit Porsche-Liftsystem an der Vorderachse und
PASM (Porsche Active Suspension Management)

- mounting instruction



Before installation please observe the following points:

- Read all information in this manual carefully. All suspension components are fitted and removed acc. to the manufacturer's specifications for installing and removal, if not otherwise required in these instructions.

- Fitting shock absorbers, struts and cartridges requires special tools and expert knowledge. Therefore fitment has to be carried out by a suspension specialist.
- Check that your vehicle type is listed in the certificate as being specified for this kit.

- Check the product for all components before starting installation!
- Check that dimensions and fastening points are comparable between the original and BILSTEIN shock absorbers.
- Directional references (left, right, front, rear) are always with reference to the driving direction.
- Remove the negative battery pole.
- The tested vehicles are left- hand drive vehicles.

After installation please observe the following points:

- Set the vehicle height by adjusting spring plates and lock nuts on the new dampers. Only use the supplied spanner wrenches.

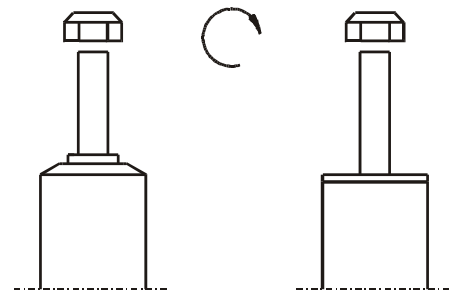
- All rubber- mounted strut/ damper attachments must not be fully tightened until after the suspension system is loaded (wheels on the ground). Other mounting fasteners (for example brackets) must be securely tightened before load is placed on the suspension system.

- Because the vehicle has been lowered, freedom of movement for all wheel-/ tire- combinations must be checked.
- Connect the negative battery pole.
- After installing the suspension system, caster and camber must be checked and adjusted according to manufacturer's specifications.
- Check and reset load- dependent brake compensator and ABS system according to manufacturer's specifications.
- Check and adjust headlight setting.



All diagrams are generalized and not to scale! brackets, etc. specific to strut are not shown!

list of torques						
	M 8	M 10	M 12	M 14	M 16	Thread
	13	25	45	72	110	Torque Nm
	10	19	34	54	83	Torque ft lb



Do not use an impact tool to loosen or tighten fasteners due to possible damage to the product. Self- locking nuts must only be used once!

The type label supplied by BIL-STEIN must be applied to the lift actuator after completing the front strut (see figure on page 18).



mounting instruction for front and rear axle

Remove strut

Place vehicle on a wheel-free car hoist, lift it and remove wheels.

Vehicles equipped with xenon headlight the sensor for the headlamp levelling controller must be removed before.

Pay attention that support wires of brake system are strain-free during removal. Stabilization by suitable means is demanded.

Remove bottom mounting.

Remove top fixing nuts from support bearing.

Do not remove central nut at this time!

Remove complete strut and clamp it in an appropriate strut vice.

Using a suitable spring compressor, compress suspension spring until tension on support bearing is free to move.

Release central nut and remove original mounting parts and coil spring. Please refer to diagram to identify which parts will be replaced with BILSTEIN-supplied components.

Remove original lift actuator from front strut by using an appropriate device!

Installation strut

Assemble BILSTEIN and/or original mounting parts, as well as the new BILSTEIN spring on the BILSTEIN strut in reverse order to removal.

Fit the O-ring supplied by BILSTEIN to the groove in the upper range of the outer tube of the front axle and grease it lightly as well as the O-ring inside the original lift actuator.

For the fitting of the original liftactuator suitable devices are absolutely necessary!

The correct mounting position of the suspension springs can be determined by the printing on the springs; install them with the print upright.

Fit assembled BILSTEIN strut to the vehicle in reverse order to removal.

The cable for the front strut electronic force adjustment can be fixed along the ABS-cable to connect with original plug adapter.



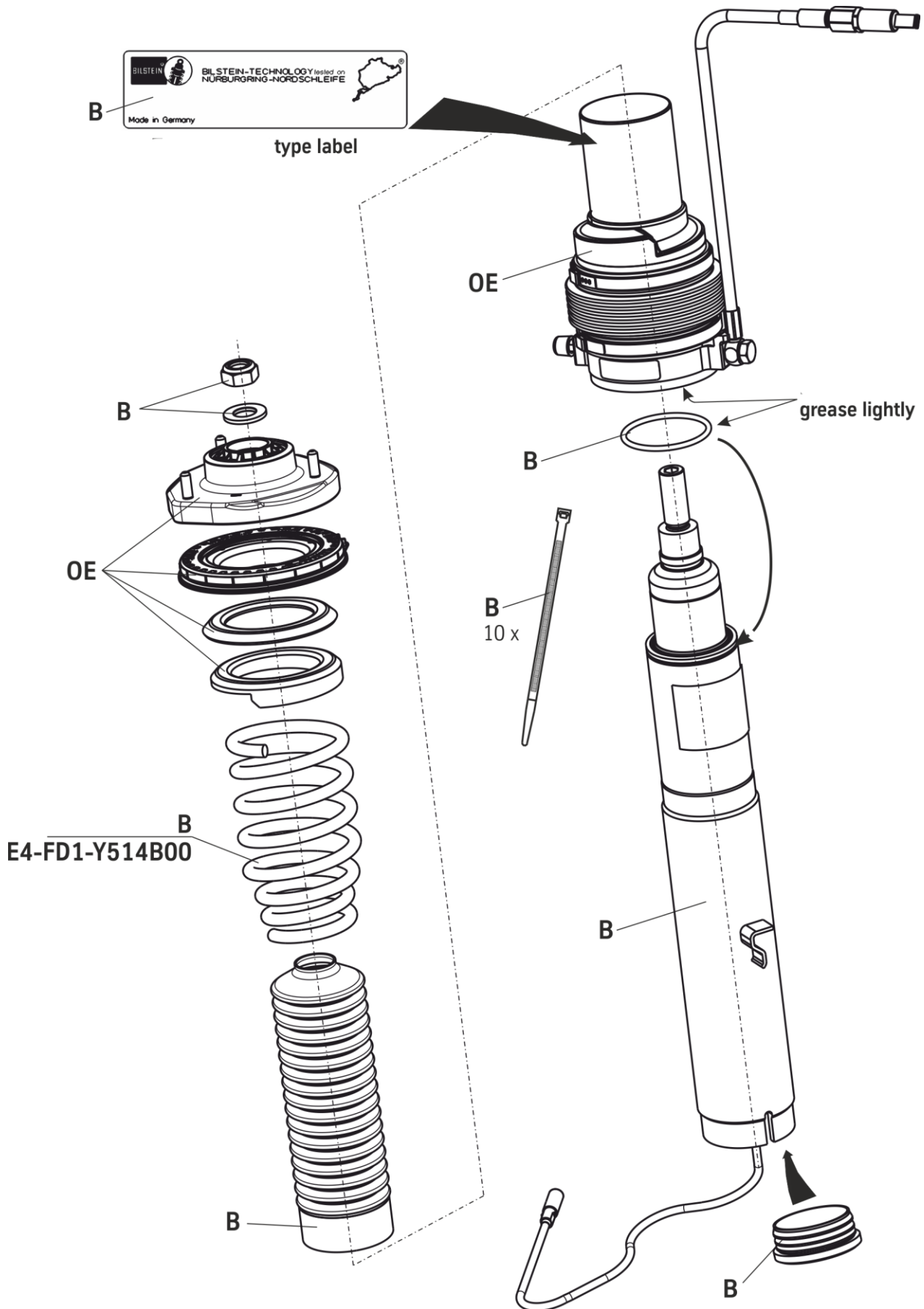
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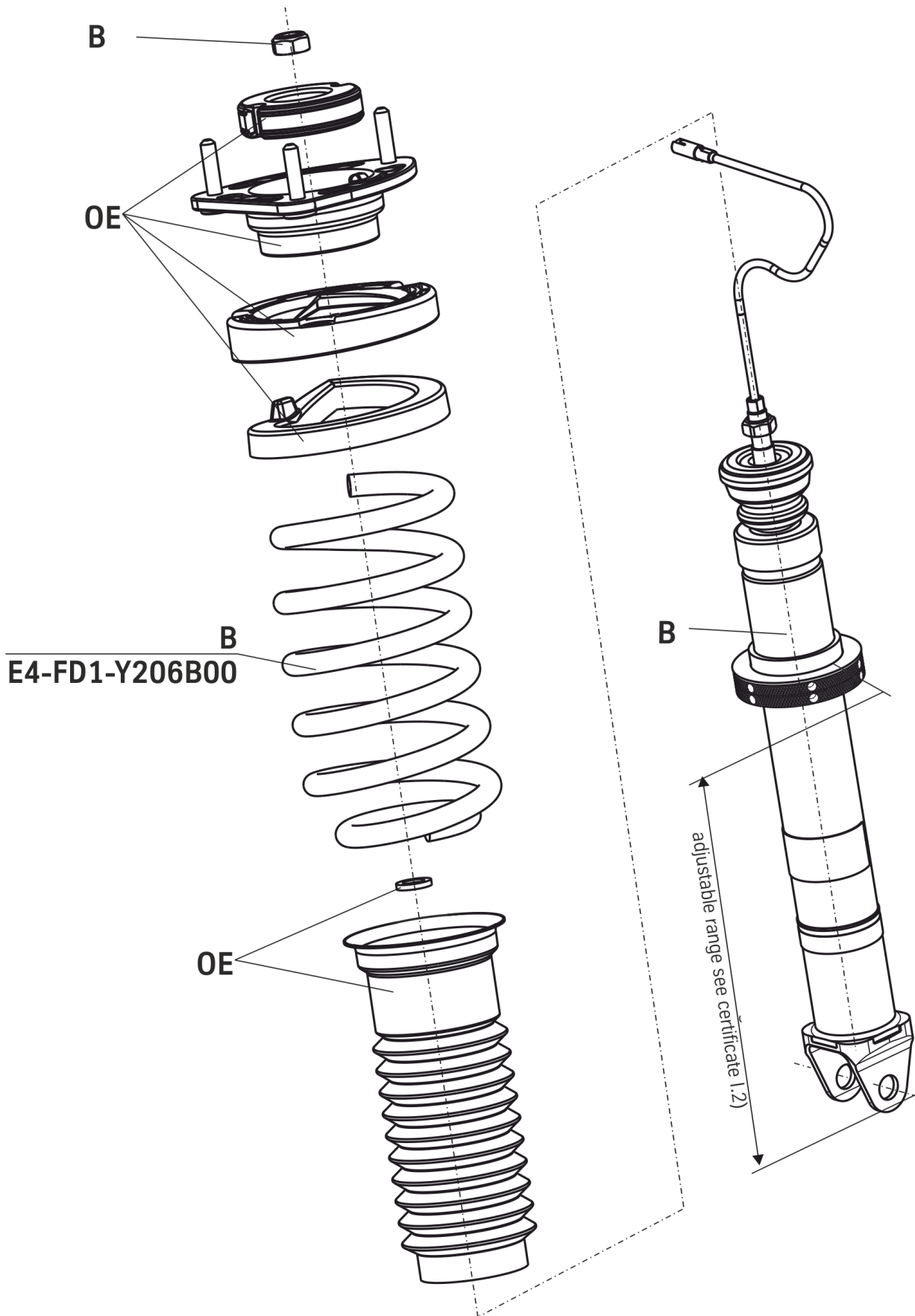
OE= Original Equipment

B= Delivered by BILSTEIN



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Learn more about performance suspension parts we have.