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This section explains how to disassemble:

- A) Wheel rims
- B) Tires
- C) Tires (with TPMS)
- D) Tire pressure sensors



#### A) Disassembling the wheel rims

##### Preliminary operations

- Lift the vehicle on the car lift (000000).

##### Disassembling the wheel rims

1. Disconnect the wheel from the hub by unscrewing the 5 screws (A-Fig.1) that secure it.

**STOP** Be very careful with the wheel during disassembly to prevent denting or damaging the wheel rim.

**STOP** Never loosen the bolts (arrows) securing the wheel trims on wheels with bolted-on wheel trims (Callisto dual-spoke design) (Fig.2).



Fig.1



Fig.2



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## B) Disassembling the tires

### Preliminary operations

- Disassemble the car's wheel (**Point A**).
- Deflate the tire.

### Disassembling the tires

1. Position the wheel on the special tire changer.
2. To disassemble the tire from the rest of the wheel rim, follow the operations described in the tire changer's user and maintenance manual.



#### Note

Three types of tires can be installed on the car (**Fig.2a**):

- A. PZERO CORSA
- B. PZERO PUNTO



Fig.2a



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### C) Disassembling the tires (with TPMS)

#### Preliminary operations

- Disassemble the car's wheel (Point A).
- Deflate the tire.

#### Disassembling the tires

1. Place the wheel next to the bead breaking arm (A-Fig.3), verifying that the TPMS sensor (B-Fig.3) is located on the side opposite the pressure area.

**STOP** If the TPMS sensor's position is not observed during bead breaking, it could be irreparably damaged.

2. Rotate the wheel and repeat the bead breaking operation on the other side; again, make sure that the TPMS sensor (B-Fig.4) is positioned on the side opposite the bead breaking arm (A-Fig.4).

**STOP** If the TPMS sensor's position is not observed during bead breaking, it could be irreparably damaged.



Fig.3



Fig.4



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3. Position the wheel on the tire changer, locking it into place using the column (C-Fig.5). Soften the tire to make disassembly easier by using the sliding support (D-Fig.5) and rotating the wheel (clockwise) several times.



Fig.5

4. Insert the lever (E-Fig.6) between the rim and the tire, careful that the TPMS sensor (B-Fig.6) is positioned approximately 10 cm away from where the lever is inserted.

**STOP** If the TPMS sensor's position is not observed during removal of the upper part of the tire, it could be irreparably damaged.

5. Press the lever downward (Fig.6) and activate the tire changer, rotating the wheel slightly more than 180°.

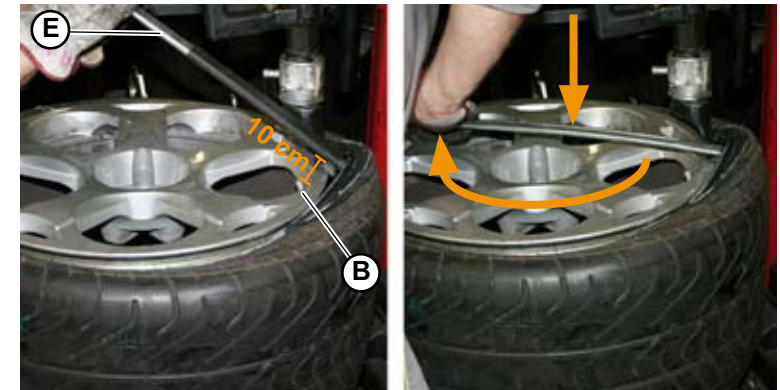


Fig.6

6. After this half rotation, the lever's pressure will release the upper part of the tire from the rim (Fig.7).



Fig.7





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7. Insert the lever (**E-Fig.8**) between the rim and the lower part of the tire, careful that the TPMS sensor (**B-Fig.8**) is positioned approximately 10 cm away from where the lever is inserted.

**STOP** If the TPMS sensor's position is not observed during removal of the lower part of the tire, it could be irreparably damaged.

5. Press the lever downward and activate the tire changer, rotating the wheel slightly more than 180° (**Fig.8**).

6. After this half rotation, the lever's pressure will completely release the tire from the rim.

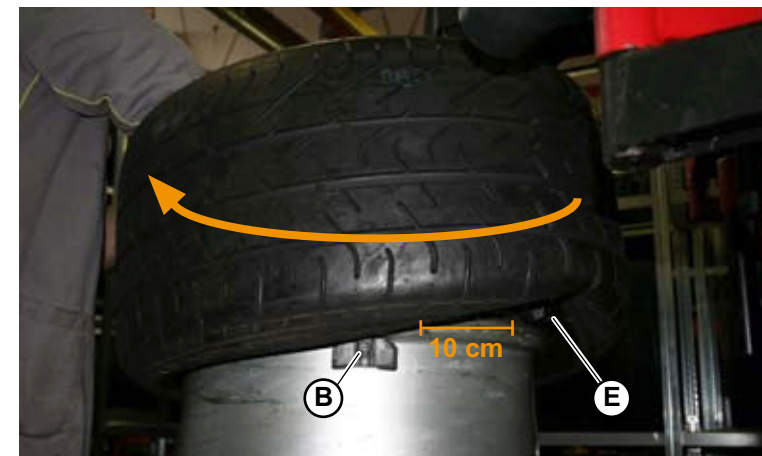


Fig.8



**Note**

Three types of tires can be installed on the car (**Fig.9**):

- A. PZERO CORSA
- B. PZERO PUNTO



Fig.9



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## D) Disassembling the tire pressure sensors

### Preliminary operations

- Disassemble the tire (**Point B**) of the sensor that must be replaced.

### Disassembling the sensor

- Insert the torsion bar (**A-Fig.9**) in the valve's hole (**B-Fig.9**).
- Unscrew the TPMS bolt and remove the sensor (**C-Fig.9**) using the torque wrench.
- After removing the sensor, insert the torsion bar again (**A-Fig.10**) in the valve's hole (**B-Fig.10**).
- Unscrew the valve (**B-Fig.10**) using the torque wrench.
- Remove the nut, washer and the valve itself.



### Note

If the valve, nut, washer and sensor are not damaged, they can be reused. The TPMS bolt, however, must be replaced every time.

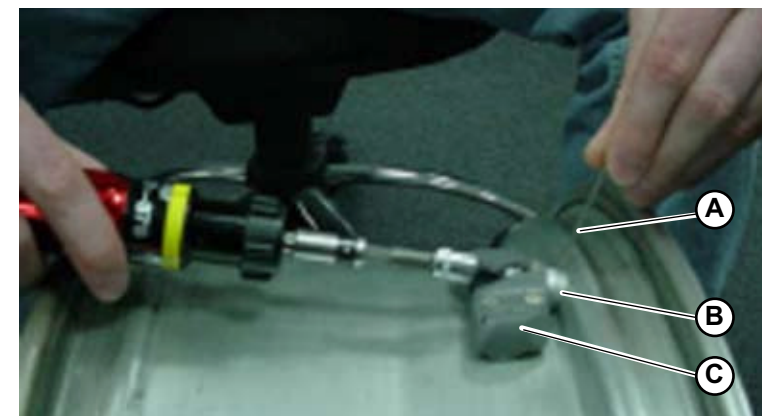


Fig.9



Fig.10