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PRESSURE SENSOR: REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



Equipment required

Diagnostic tool



parts always to be replaced:



Pressure sensor



WARNING

To avoid all risk of damage to the systems, apply the safety and cleanliness instructions and operation recommendations before carrying out any repair (see Tyre pressure monitor: Precautions for the repair) .



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No.	Description
1	pressure sensor
2	pressure sensor bolt
3	valve
4	type valve cap

REMOVAL

1. REMOVAL PREPARATION OPERATION



Position the vehicle on a two-post lift[Vehicle: Towing and lifting](#) .



Remove:

- 

the wheels[Wheel: Removal - Refitting](#) ,
- 

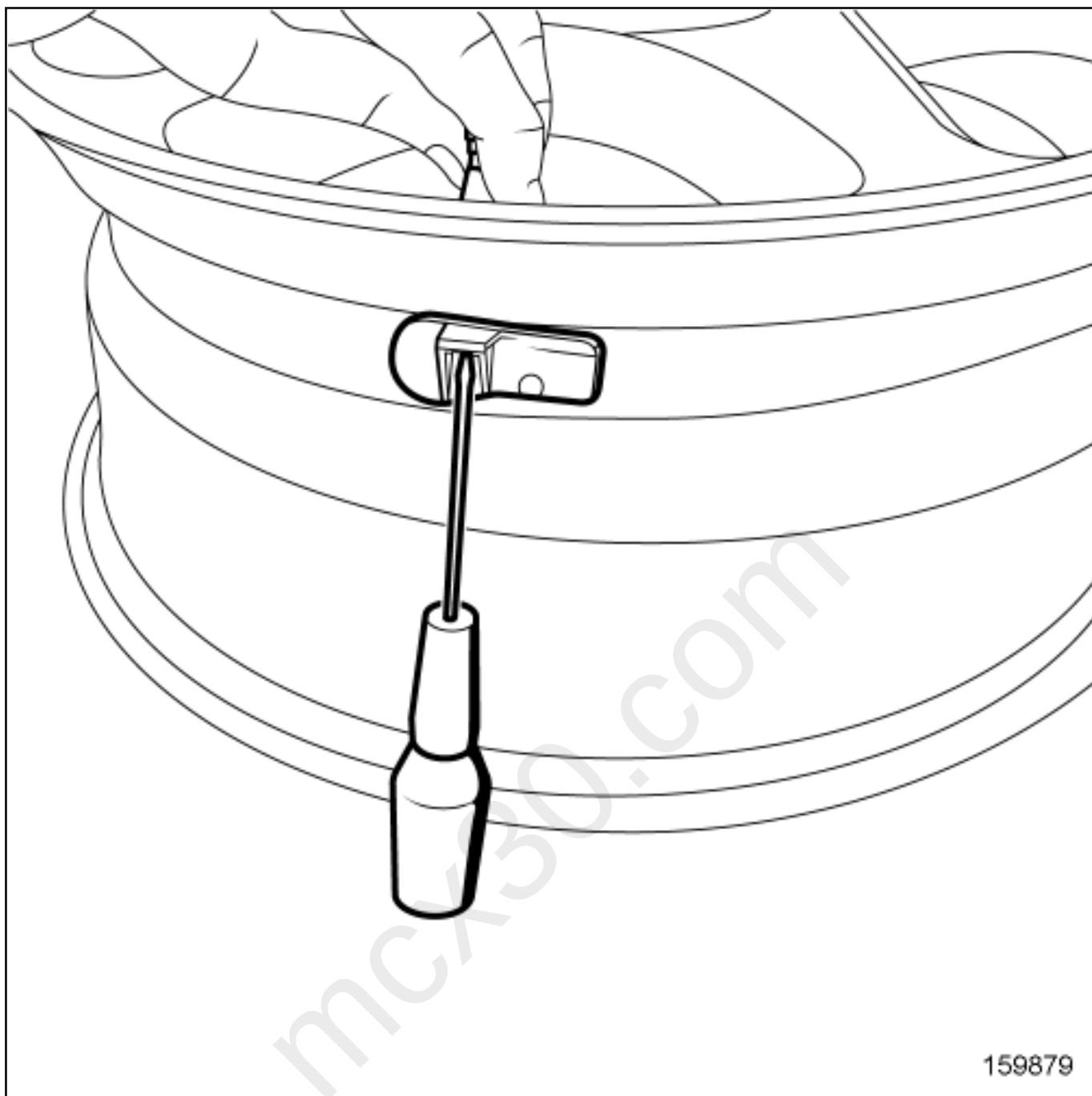
the tyres[Tyres: Removal - Refitting](#) .

2. OPERATION FOR REMOVAL OF PART CONCERNED

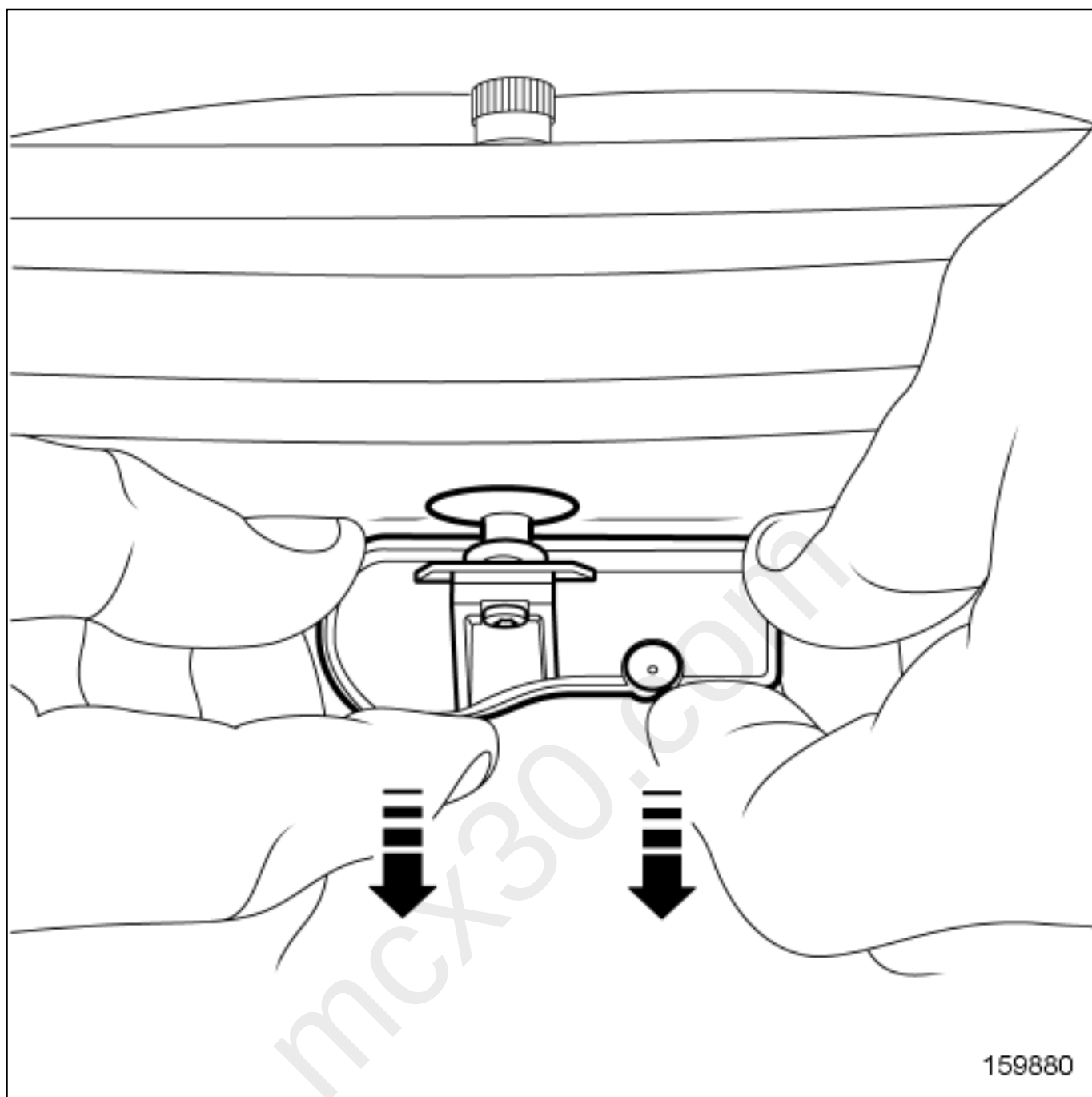


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Remove the type valve cap(5) whilst holding the pressure sensor on the wheel rim.



Remove the pressure sensor mounting bolt using a screwdriver as shown in the picture.



Carefully remove by pulling the pressure sensor as shown in the picture.

Remove the valve.

1. REFITTING PREPARATION OPERATION



Note: Always replace the pressure sensor bolt.

1- WHEN REPLACING THE VALVE ONLY



Note: Always replace the pressure sensor valve.



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Remove the valve(6) from the pressure sensor according to the order of the arrows.

2- WHEN REPLACING THE PRESSURE SENSOR



parts always to be replaced: Pressure sensor .

2. REFITTING OPERATION FOR PART CONCERNED

1- REFITTING THE PRESSURE SENSOR

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Refit:

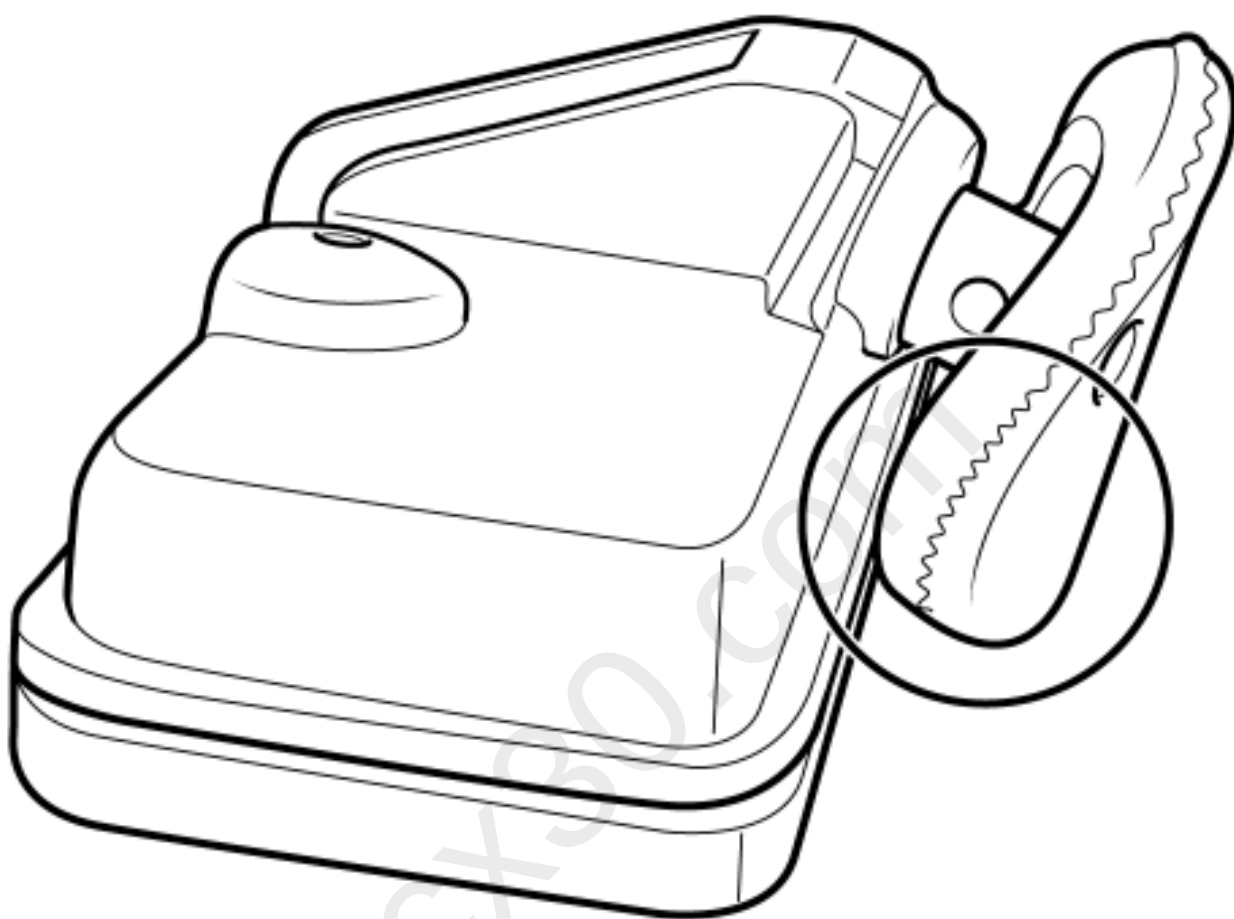


the valve on the pressure sensor, ensuring that the bevel of the valve is facing towards the bottom of the wheel,



the pressure sensor on the wheel rim(9) .

9



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Make sure that the sensor is correctly positioned on the wheel rim:



incorrectly fitted(7) ,



correctly fitted(8) .

Check that the cup is completely pressed around the wheel hole.

Pretighten the nut of the pressure sensor while keeping the sensor in contact on the bottom of the wheel rim.



Torque tighten the pressure sensor bolt 1.4 N.m .

3. FINAL OPERATION



Proceed in the reverse order to removal

1- SPECIAL NOTES ON THE FIRST FITTING



Note:

If replacing the pressure sensor, carry out the necessary operations using the Diagnostic tool .



Apply the after repair procedure using the Diagnostic tool:

- - connect Diagnostic tool,
 - select "UCH" ,
 - go to repair mode,
 - display the "before/after repair procedure" for the computer selected,
 - select "Tyre pressure monitor valve" in the "List of components controlled by this computer" section,
 -
- carry out the operations described in the "After repair procedure" section.