

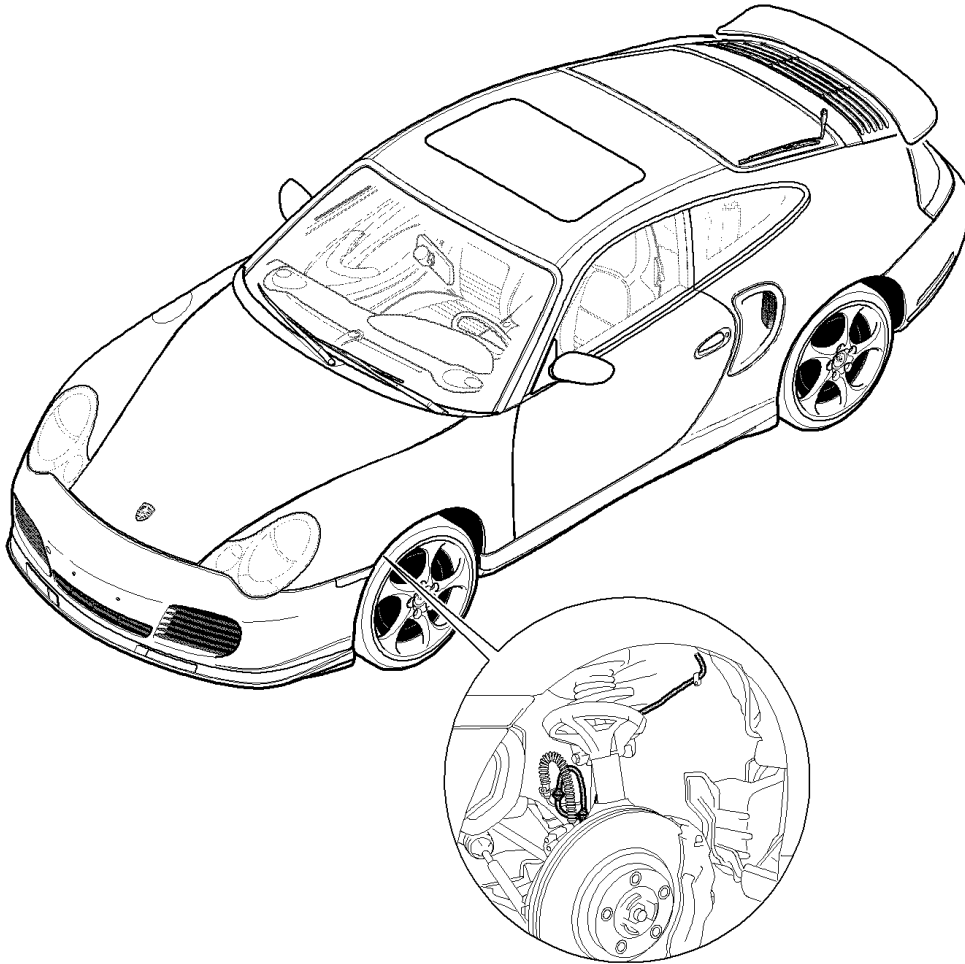
45 46 19 Removing and installing front ABS lead

Removing front ABS lead

Installing front ABS lead

Tightening torques

Tools

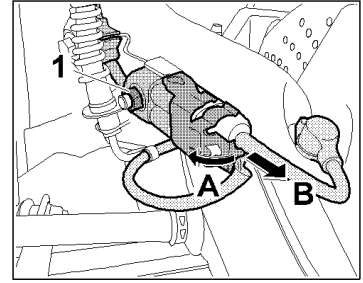


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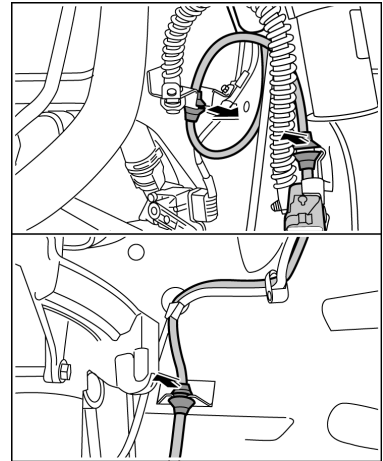
Removing front ABS lead

- Remove front wheel. => [Removing and installing the wheel – Turbo and GT2](#)
- Remove front wheel housing liner. ' 6, 505619 *Removing and installing front wheel housing liner*
- Remove cowl panel cover at centre and left. ' 6, 664419 *Removing and installing cowl panel cover*

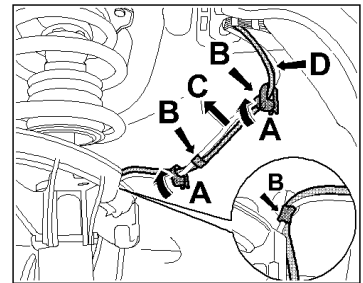
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1. Release lead lock for ABS lead plug –**arrow A**– and pull off both plugs –**arrow B**– .
2. Unscrew the fastening nut –**1**– .



3. Take the lead out of the holders –**arrows**– .



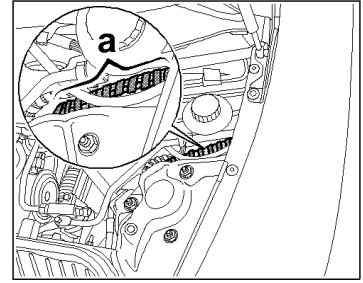
4. Open the clips –**arrow A**– .
5. Remove the fabric tape –**B**– and take out the lead –**arrow C**– .

Note

- When cutting off the ABS lead, make sure that the length of lead in the interior is sufficient for attaching the new lead.

6. Cut the lead in area –**D**– and remove it.

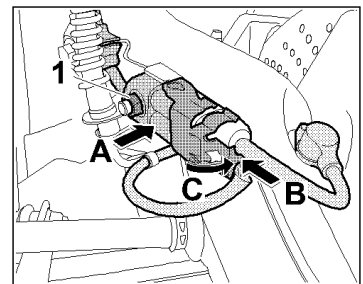
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7. Cut through the fabric tape in the radiator tank, in the area **-a-** , and expose the remaining ABS lead.

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Installing front ABS lead

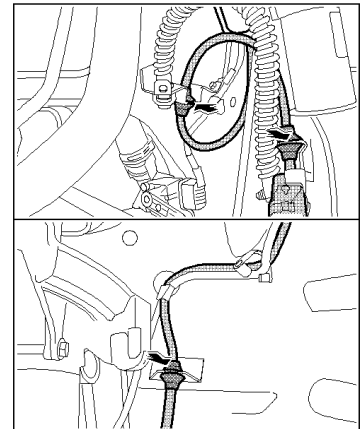


1. Position the socket in installation position **-arrow A-** and secure with fastening nut **-1-** .

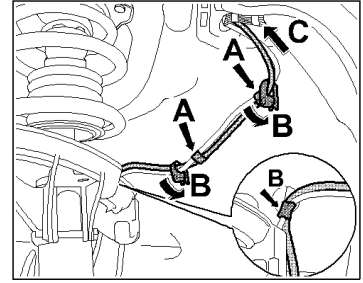
=> Tightening torques

2. Insert both plugs **-arrow B-** .

3. Fold back lead lock **-arrow C-** until it can be felt to engage on the plugs.



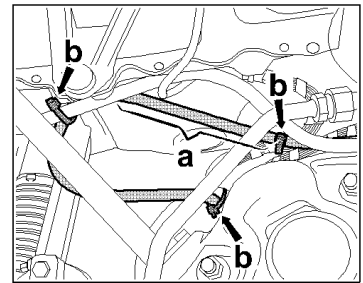
4. Press the lead into the holders by pressing on the rubber sleeves **-arrow-** .



5. Secure lead for headlight beam adjustment to the ABS lead using fabric tape –A– .
6. Position the lead in installation position and close the clips –arrows B– .
7. Push the lead through to the interior –arrow C– .



Note



- Do not cut the ends of the lead too short so that the connection area can be moved from the original installation position, if necessary, if there is insufficient space available.
 - The individual leads in the wiring harness must be crimped and offset with respect to each other so that the repair area does not become too thick.
8. Cut the ends of the lead to the required length and crimp it in area –a– with a crimp connector and crimping tool. => Tools
 - Cut off leads to different lengths (due to the shrink connection).
 - Slide shrink–fit hose over the leads.
 - Strip 10 mm of insulation off the leads.
 - Connect leads with crimp connectors (do not confuse colours of the individual leads).
 - Shrink shrink–fit hoses with a hot–air gun. It is essential that all leads are watertight.
 - Wrap commercially available PVC tape all around the area of the connection points.
 9. Secure the repair area to the adjacent wiring harnesses using tie–wraps –b– .
 - Install cowl panel cover at centre and left. ' 6, 664419 *Removing and installing cowl panel cover*
 - Install front wheel housing liner. ' 6, 505619 *Removing and installing front wheel housing liner*
 - Fit front wheel. => Removing and installing the wheel – Turbo and GT2

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Tightening torques

Location	Thread	Tightening torque [Nm] (ftlb.)
Fastening nut -1- for securing ABS lead to spring strut	M6	9.7 (7.2)

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Tools

Item	Designation of special tool	Remarks
1	Repair set for wiring harness 155-1	Workshop Equipment Manual, Gr. 2.4

996420, 996421, 996450, 996451, 996620, 996621, 996650, 996651