



8 Lambda probe

⇒ ["8.1 Summary of components - lambda probe", page 224](#)

⇒ ["8.2 Removing and installing Lambda probe", page 225](#)

8.1 Summary of components - lambda probe



Note

- ◆ *New lambda probes are coated with assembly paste. This paste must not come into contact with the slots of the lambda probe body.*
- ◆ *For a re-used lambda probe, only coat the thread with hot bolt paste. This paste must not come into contact with the slots of the lambda probe body. Hot bolt paste ⇒ ETKA - Electronic Catalogue of Original Parts .*
- ◆ *The electrical cable wire connection of the lambda probe must be secured again at the same points during installation. Contact between the electrical cable connection and the exhaust pipe must be prevented.*

1 - Lambda probe 1 after catalytic converter - GX7-

- comprises:
- ◆ Lambda probe downstream of catalytic converter - G130-
- ◆ Lambda probe heater 1 downstream of catalytic converter - Z29-
- Removing and installing ⇒ ["8.2.2 Removing and installing Lambda probe 1 after catalytic converter GX7", page 226](#)

55 Nm

2 - Connector

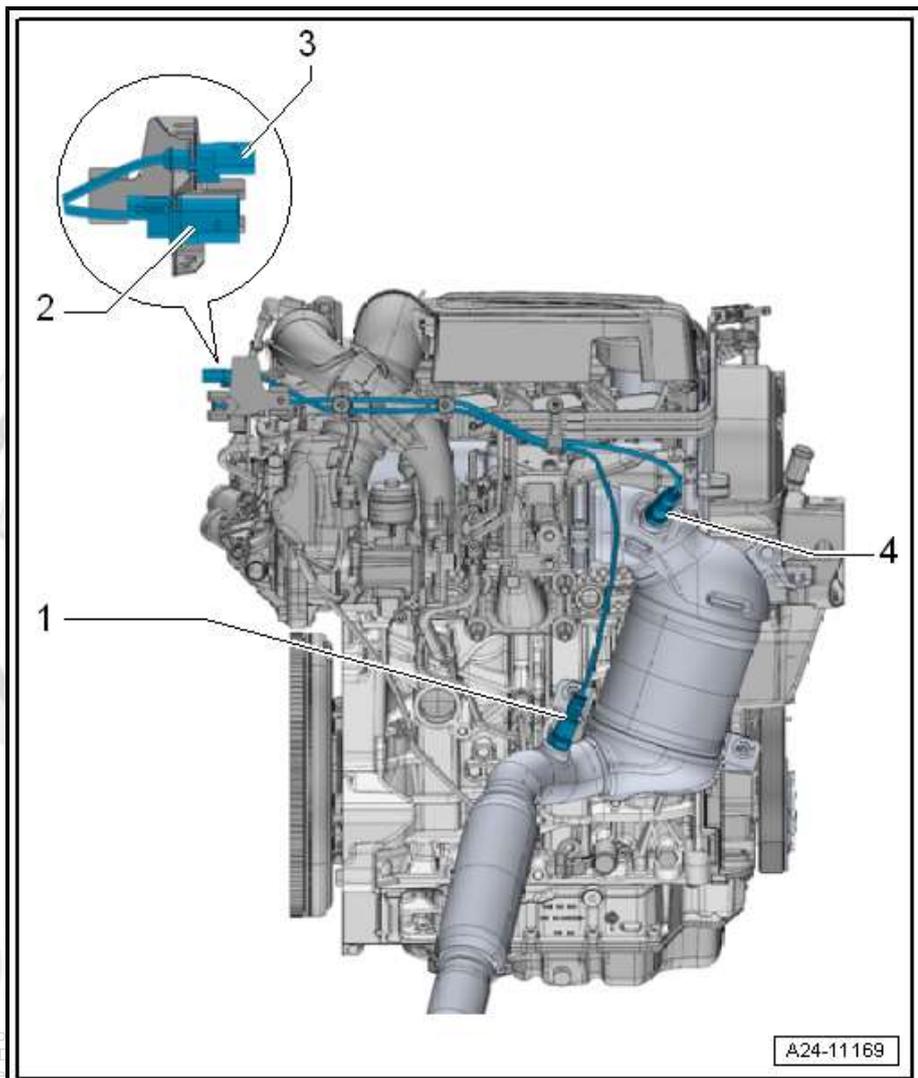
- Lambda probe 1 downstream of catalytic converter - GX7-
- black

3 - Connector

- Lambda probe 1 upstream of catalytic converter - GX10-
- Brown

4 - Lambda probe 1 in front of the catalytic converter - GX10-

- comprises:
- ◆ Lambda probe - G39-
- ◆ Lambda probe heater - Z19-
- Removing and installing



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⇒ [“8.2.1 Removing and installing Lambda probe 1 after catalytic converter GX10”, page 225](#)

- 55 Nm

8.2 Removing and installing Lambda probe

⇒ [“8.2.1 Removing and installing Lambda probe 1 after catalytic converter GX10”, page 225](#)

⇒ [“8.2.2 Removing and installing Lambda probe 1 after catalytic converter GX7”, page 226](#)

8.2.1 Removing and installing Lambda probe 1 after catalytic converter - GX10-

Lambda probe 1 in front of catalytic converter - GX10- comprises:

- ◆ Lambda probe - G39-
- ◆ Lambda probe heater - Z19-

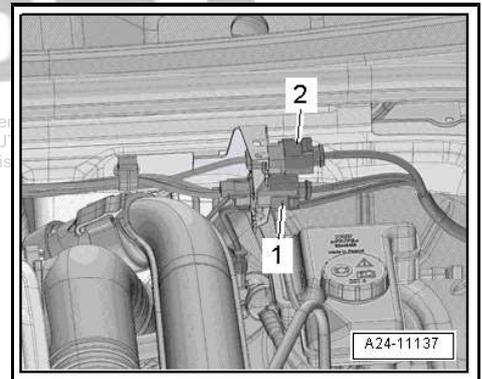
Special tools and workshop equipment required

- ◆ Set of tools - 3337-

Removing

- Disconnect plug -1- for lambda probe 1 in front of the catalytic converter - GX10- .

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- Unscrew lambda probe -2- with a spanner from the lambda probe ring spanner set - 3337- .

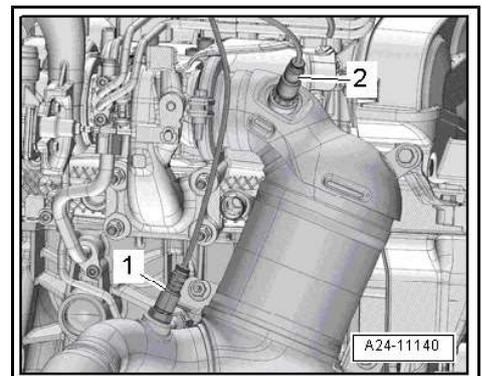
Installing

Installation is carried out in the reverse order. When installing, observe the following:



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- ◆ *The electrical cable wire connection of the lambda probe must be secured again at the same points during installation. Contact between the electrical cable connection and the exhaust pipe must be prevented.*



After replacing the lambda probe, erase the initialisation values and adapt the engine control unit - J623- ⇒ Vehicle diagnostic tester.



Tightening torques - summaries of components

- ◆ Lambda probe ⇒ [“8.1 Summary of components - lambda probe”, page 224](#) .

8.2.2 Removing and installing Lambda probe 1 after catalytic converter - GX7-

Lambda probe 1 after catalytic converter - GX7- comprises:

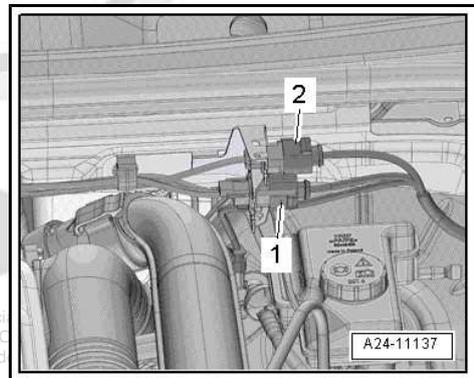
- ◆ Lambda probe downstream of catalytic converter - G130-
- ◆ Lambda probe heater 1 downstream of catalytic converter - Z29-

Special tools and workshop equipment required

- ◆ Set of tools - 3337-

Removing

- Disconnect plug -2- for lambda probe 1 downstream of catalytic converter - GX7- .



- Unscrew lambda probe -1- with a spanner from the lambda probe ring spanner set - 3337- .

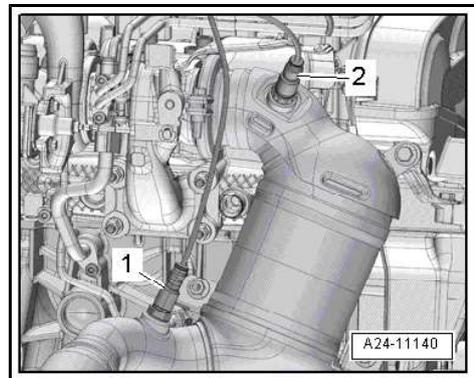
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Tightening torques - summaries of components

- ◆ Lambda probe ⇒ [“8.1 Summary of components - lambda probe”, page 224](#) .