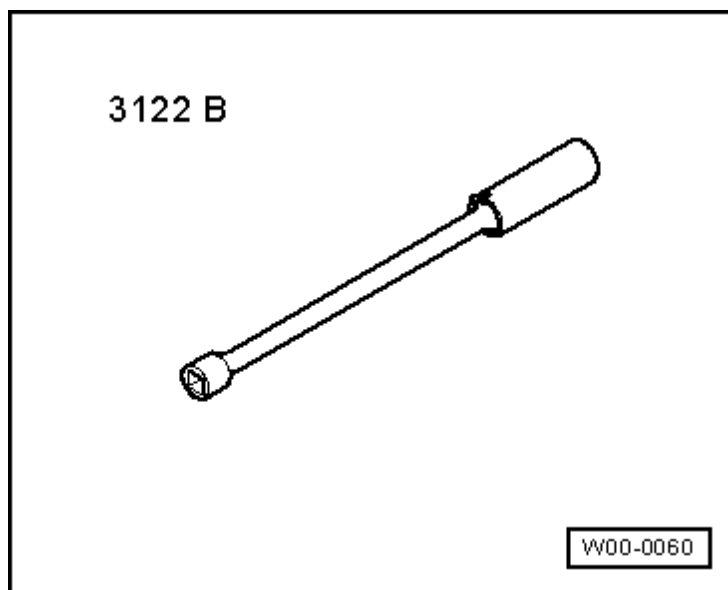


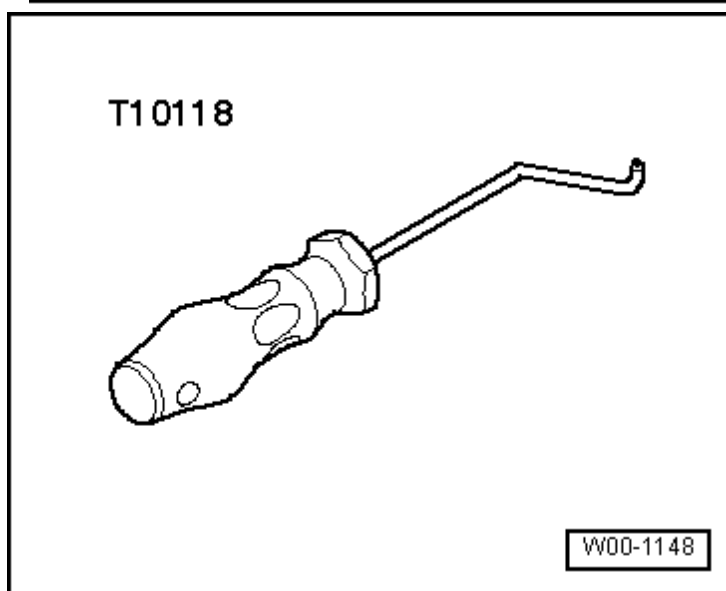
Spark plugs: renewing

Special tools required

t Spark plug socket -3122B-



t Assembly tool -T10118-



t Puller -T10095/A-



Note

t Spark plug designation → [Exhaust emissions test](#)

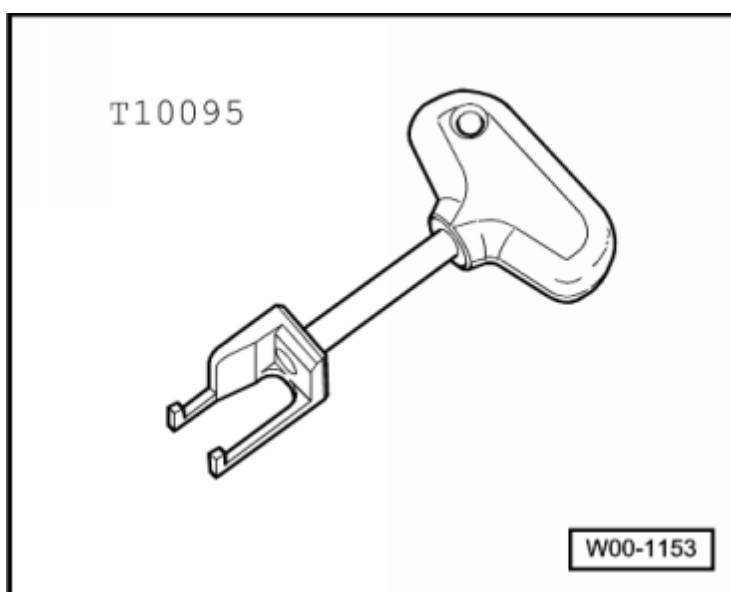
t Observe disposal regulations.

4-cyl. 5V turbocharged petrol engines (110 / 120 / 132 / 140 kW):

- Remove engine cover panel → [Chapter](#).
- Disconnect the vacuum hose -2- from the vacuum reservoir.
- Loosen bolt -3- and detach vacuum reservoir from bracket.

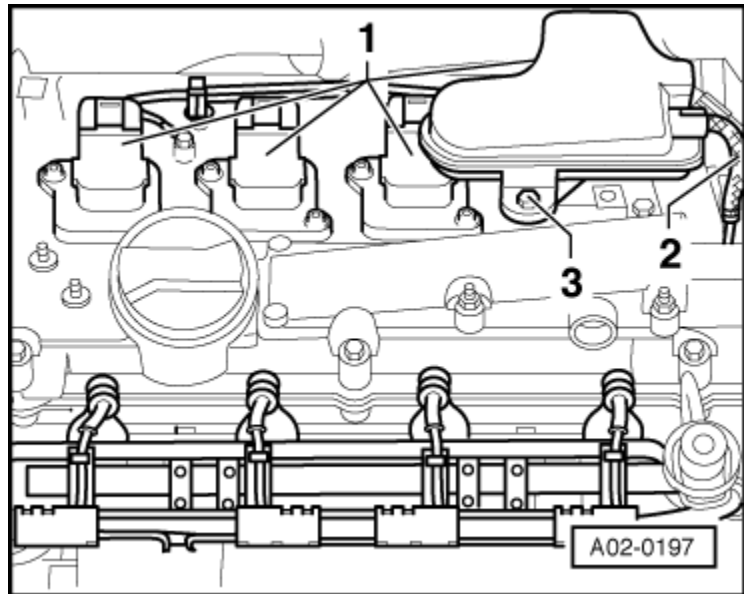
With the ignition switched off,

- disconnect the connectors from the



ignition coils.

- Unscrew and remove the ignition coils -1-.
- Remove spark plugs using spark plug socket -3122B-.
- Install new spark plugs using spark plug socket.
- Install ignition coils. Renew seals if damaged.

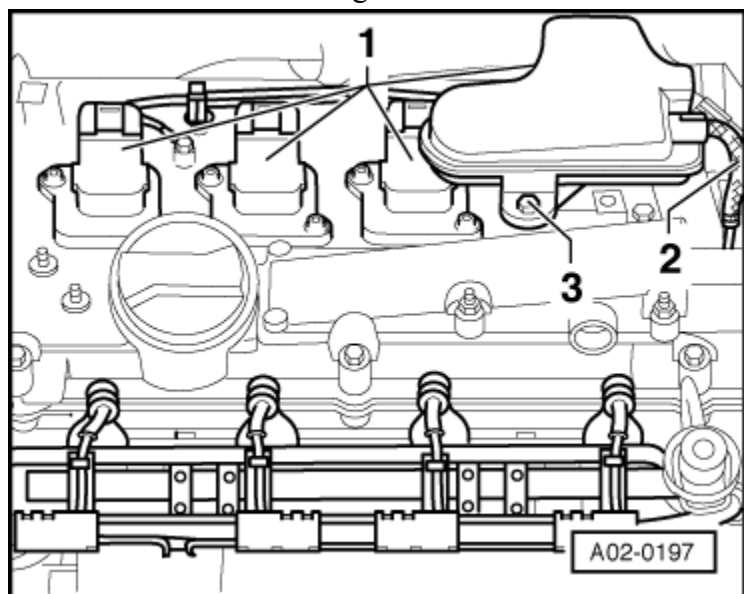


Tightening torques	Nm
Spark plugs in cylinder head	30
Ignition coils to cylinder head cover	10

4-cyl. 5V 165 kW and 176 kW turbocharged petrol engines:

- Remove engine cover panel → [Chapter](#).
- Disconnect both hoses -arrows- from charge air pipe.
- Loosen bolt -3- and detach vacuum reservoir from bracket.
- Disconnect the vacuum hose -2- from the vacuum reservoir.
- On vehicles with engine code AMU, remove the bracket over the ignition coils.
- With the ignition switched off, disconnect the connectors from the ignition coils.

- Unscrew and remove the ignition coils -1-.
- Remove spark plugs using spark plug socket -3122B-.
- Install new spark plugs using spark plug socket.
- Install ignition coils. Renew seals if damaged.

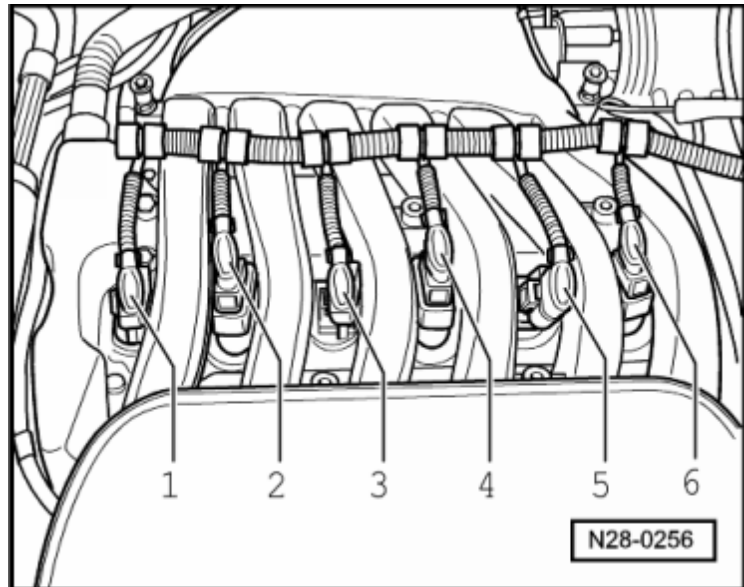


Tightening torques	Nm
Spark plugs in cylinder head	30
Ignition coils to cylinder head cover	10

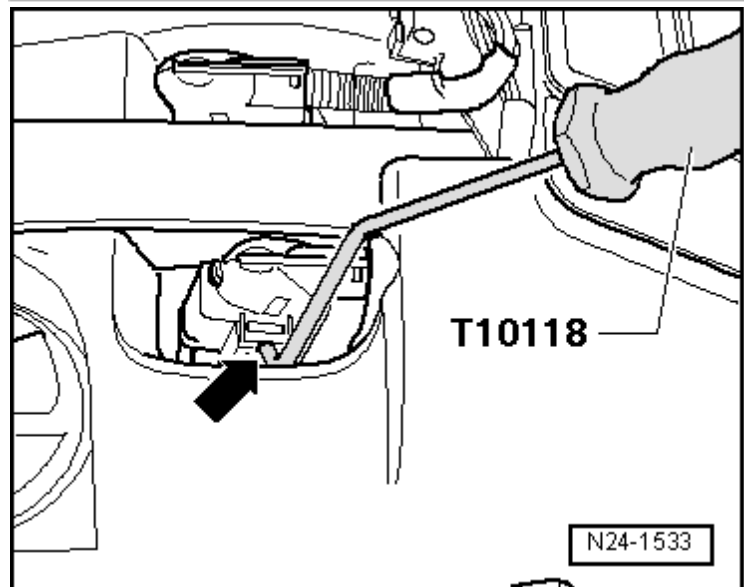
6-cyl. petrol engines

Removing

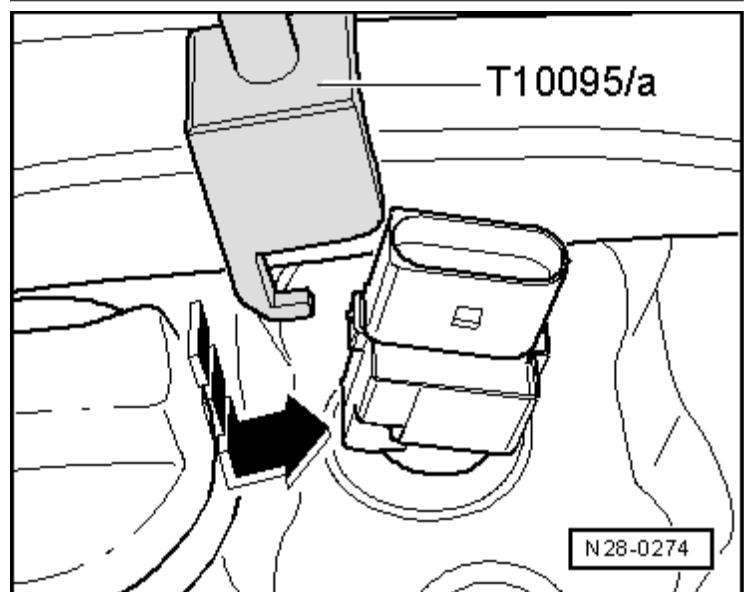
- Detach connectors for ignition coils with output stages 1...6.



- Release retaining tabs on connectors using assembly tool -T10118-.
- Place assembly tool -T10118- on retainer tab -arrow- and then carefully pull off the connector.

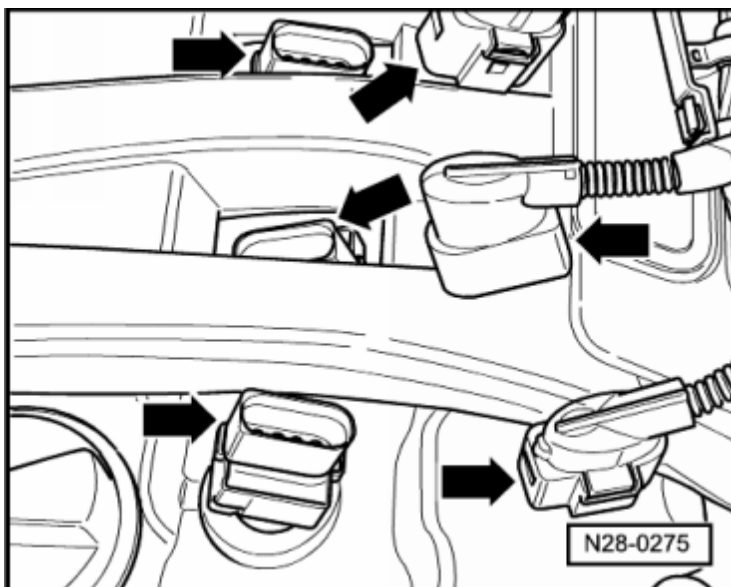


- On the straight (not rounded) side of the connector, push the puller -T10095/A- onto ignition coil with output stage in direction of arrow.
- Pull ignition coil with output stage off upwards in a straight line.



Note installation position of ignition
– coils with output stage relative to
connectors before you remove the coils
-arrows-.

Straight side of connector must fit onto
straight side of ignition coil with output
stage.



– Remove spark plugs with spark plug
socket 3122 B.

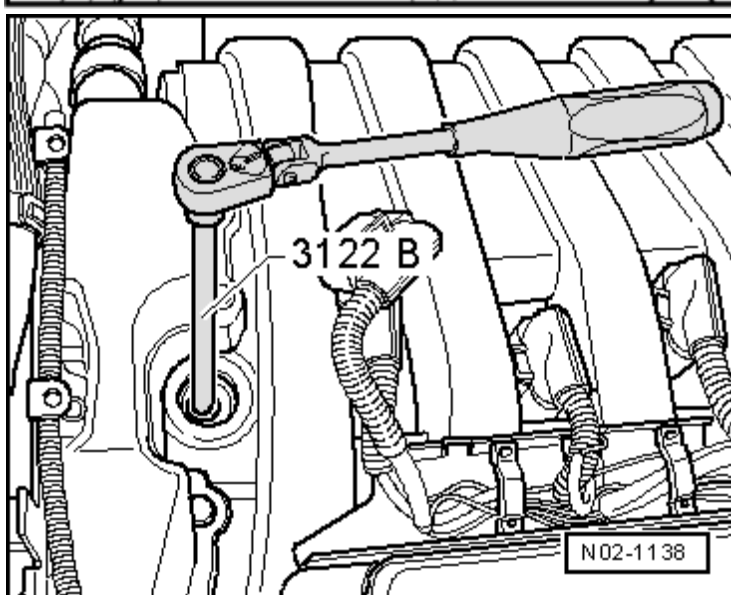
Installing

 Note

t Observe disposal regulations.

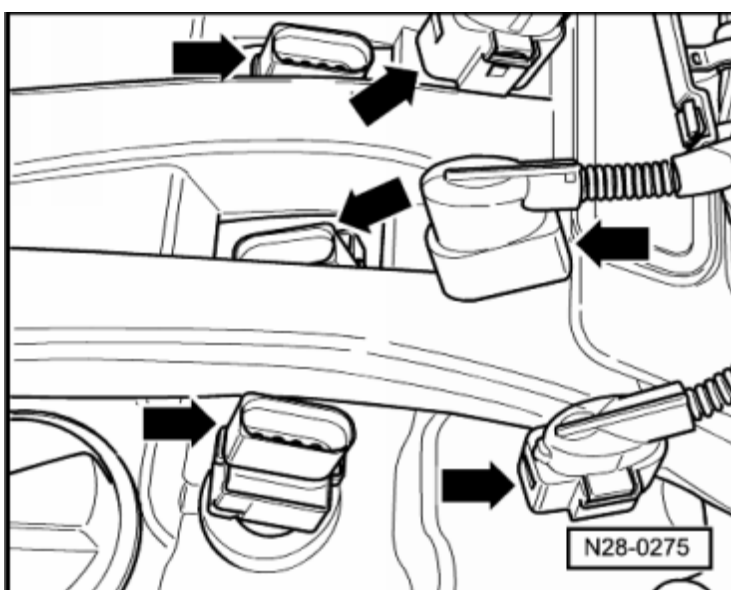
t Spark plug designation → [Exhaust emissions test](#)

– Install new spark plugs with spark plug
socket 3122 B.



Tightening torques	Nm
Spark plugs in cylinder head	30

Carefully fit ignition coils with output
– stages onto spark plugs by hand, in
such a way that the straight sides of the
connectors align -arrows-.



- Fit connectors 1...6 for ignition coils with output stages.

