



3.15 Replace air filter element

⇒ [a3.15.1 nd install air filter element, 1.0 I MPI, SRE engines", page 107](#)

⇒ [a3.15.2 nd install air filter element, 1.0 I TSI engines", page 109](#)

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⇒ [a3.15.5 nd install air filter element, 1.6 I MPI engines", page 117](#)

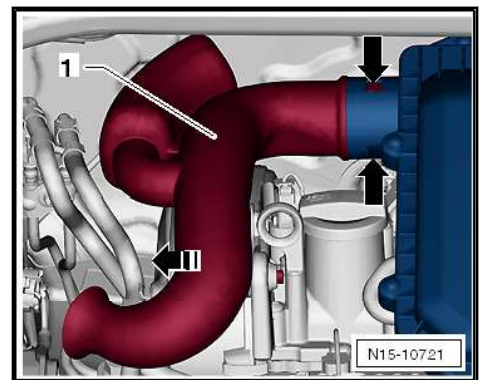
⇒ [a3.15.6 nd install air filter element, common rail engines", page 117](#)

⇒ [a3.15.7 ir filter housing", page 120](#)

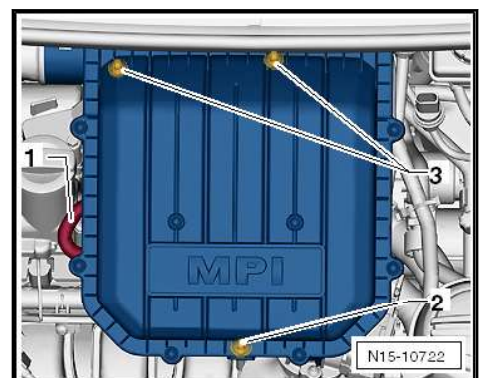
3.15.1 Remove and install air filter element, 1.0 I MPI, SRE engines

Work procedure:

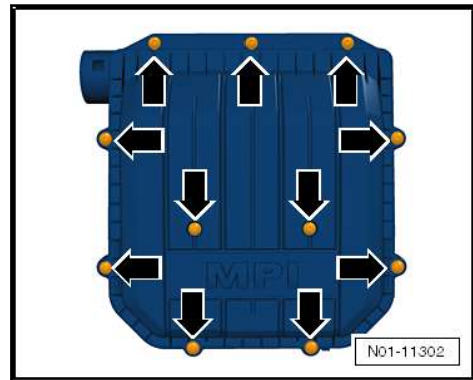
- Press in the locking tabs -arrows- and remove the intake connecting pipe -1- in the -direction of the arrow-.



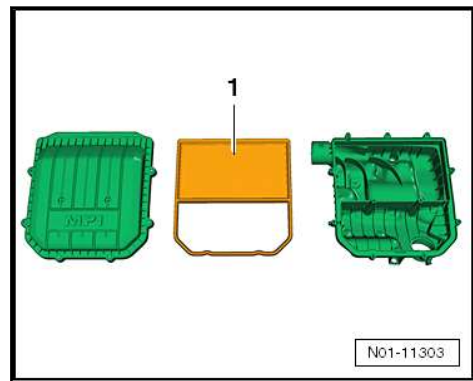
- Pull hose -1- off air filter housing.
- Pull the air filter housing up and off the bolts at points -2- and -3-, and remove.



- Unscrew screws -arrows-.



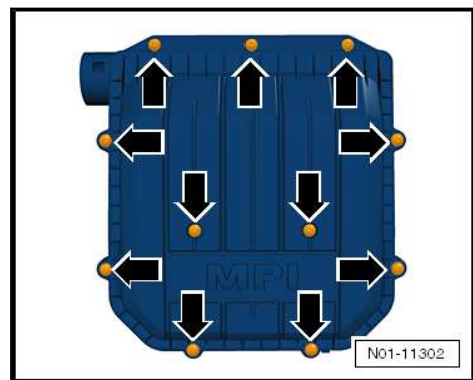
- Remove the air filter top part and take out the air filter element -1-.



Note

Observe the disposal instructions!

- Clean the filter housing and install a new filter element.

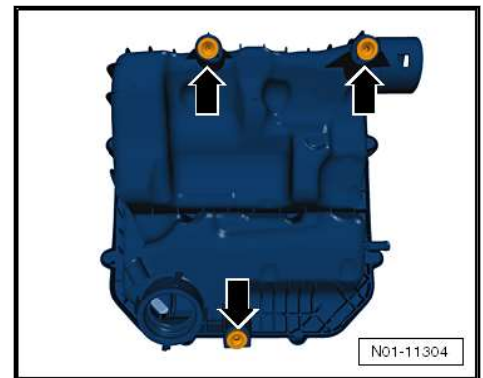


Note

- ◆ *Self-cutting screws are used as standard equipment for fastening the air filter upper part on the air filter lower part. Loosening or tightening these screws with a power driving tool can cause damage to the intake manifold or the thread in the air filter lower part.*
- ◆ *For this reason, use of a power driving tool is only permissible if the cordless screwdriver's maximum rotational speed is 200 rpm and a max. tightening torque of 1.6 Nm is set.*

- Locate the air filter upper part and tighten the screws -arrows- to the required tightening torque.

Replace the fastening elements



- Remove the fastening elements -arrows- in upward direction.
- Press the new fastening elements back into the appropriate guides.

i Note

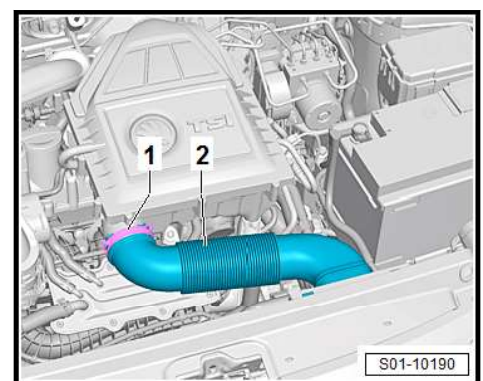
The fastening elements -arrows- must not be greased or otherwise lubricated before installation.

- The air filter housing is installed as above in reverse order.

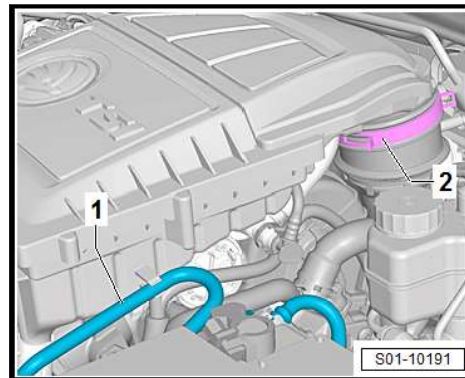
Tightening torque	Nm
Fixing screws	1.6

3.15.2 Remove and install air filter element, 1.0 I TSI engines

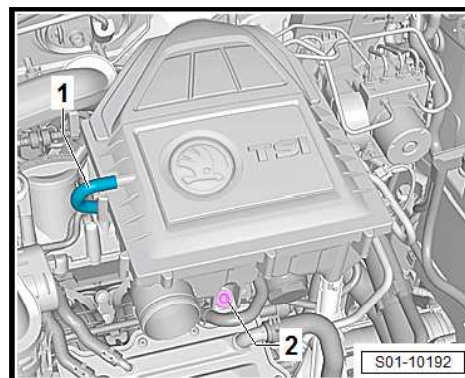
Removing



- Release the spring clip -1- and pull air guide hose -2- off.



- Unclip vacuum line -1- from the air filter housing and loosen spring clip -2-.
- Carefully pull off the air filter housing from the inlet connection of the turbocharger.



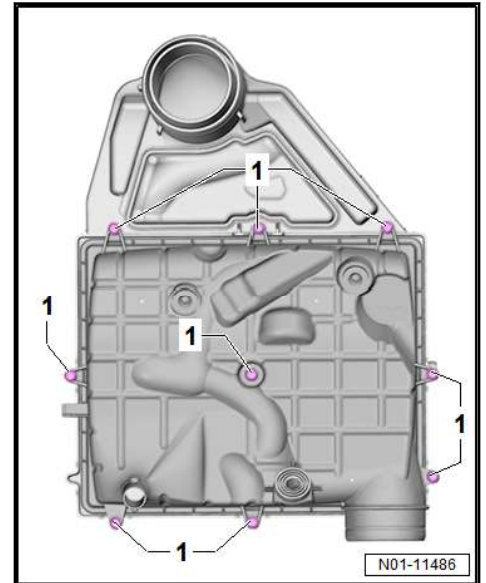
- Detach hose for crankcase ventilation -1-.
- Unscrew screw -2- and slightly lift the air filter housing.



Note

Vacuum lines are attached to the bottom part of the air filter!

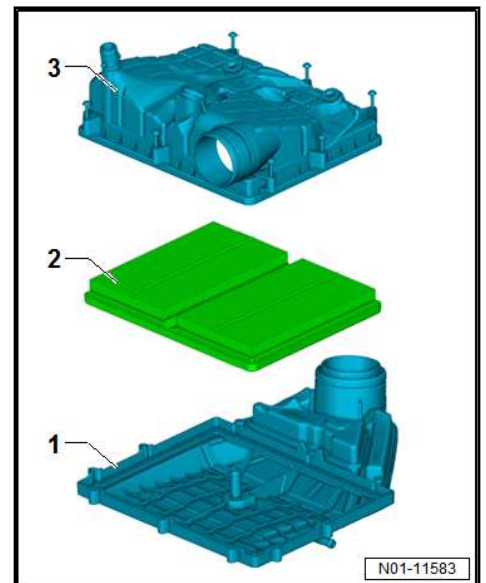
- Detach the vacuum lines from the bottom part of the air filter.
- Remove air filter housing upwards.



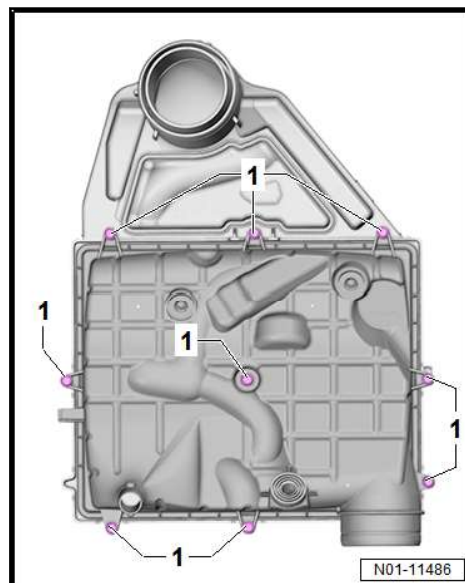
- Unscrew the screws -1- from the air filter lower part.
- Remove bottom part of the air filter and take out air filter element.

Installing

- Check housing and water drainage for contamination and clean as required ➔ [a3.15.7 in filter housing", page 120](#) .

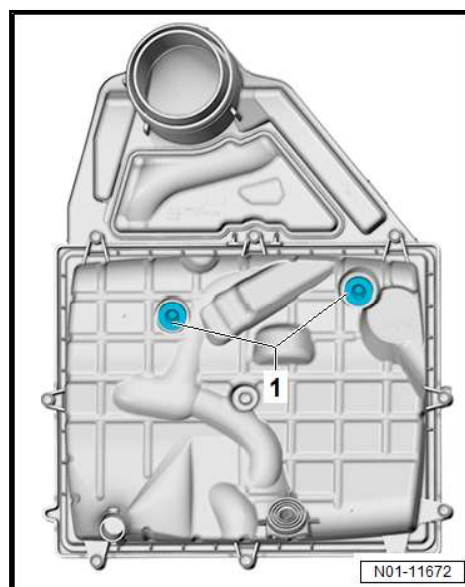


- Insert the centred air filter element -2- into mount on the upper part of the air filter -1-.
- Locate the air filter lower part -3- on the air filter upper part -1-.



- Bolt together the lower and upper part of the air filter with screws -1-, and tighten to the specified tightening torque.

Replace the fastening elements



- Remove the fastening elements -1- upwards.
- Press the new fastening elements back into the appropriate guides.



Note

The fastening elements -1- must not be greased or otherwise lubricated before installation.

- The remaining steps for installing the air filter housing are as above in reverse order.

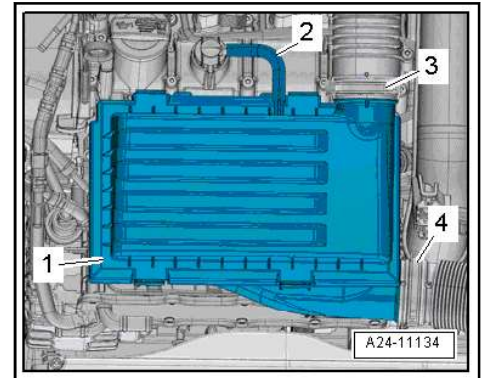
Tightening torque	Nm
Fixing screws for upper and lower part of the air filter -1-	1.5

Tightening torque	Nm
Fixing screw for air filter housing -2-	5

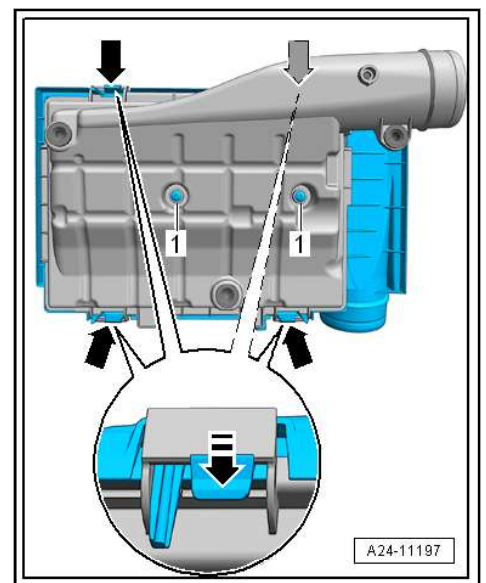
3.15.3 Remove and install air filter element, 1.2 I TSI engines

Removing

- Detach air guide hose -2- from air filter top part -1-.



- Loosen hose clamps -3- and -4-.
- Pull off -1- air filter housing upwards from the ball pin.
- Pull the air ducts off the air filter housing -1-.
- Remove air filter housing -1- and lay aside turned by 180°.
- Unscrew the screws -1- from the air filter bottom part.



- Carefully release the locking tabs -arrows- on the air filter upper part (risk of breakage).
- Remove air filter top part and take out air filter element.

Installing

- Make sure that the housing, air mass meter, and water drains are not soiled; clean if needed ➔ [a3.15.7 air filter housing", page 120](#) .