

2019 BMW 330i xDrive Sedan (G20) L4-2.0L Turbo (B46D)

Vehicle > Engine, Cooling and Exhaust > Engine > Engine Lubrication > Oil Filter > Service and Repair > Removal and Replacement

REMOVING THE INTAKE PLENUM [REP-TAT-P-1161-01-G31_B48]

Removing the intake plenum

REP-TAT-P-1161-01-G31_B48



RISK OF DAMAGE

Damage to wires when disconnecting connectors and plug connections.

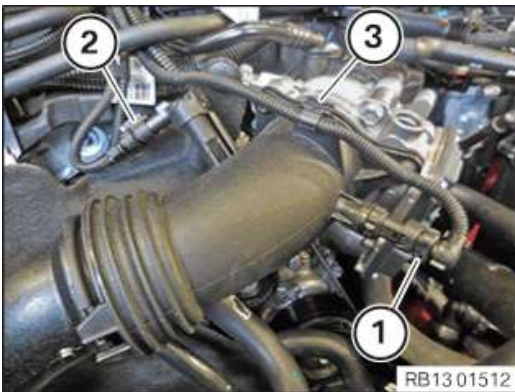
Sheared wires can cause a short circuit.

- Do not pull on wires when disconnecting connectors and plug connections.

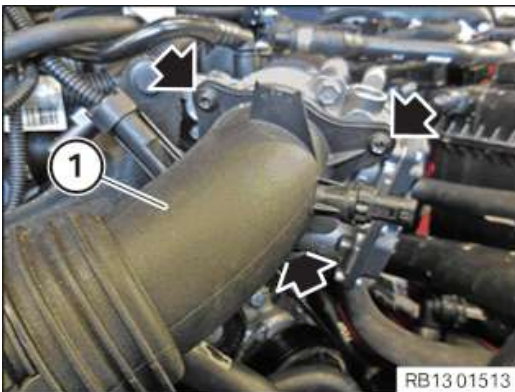


TECHNICAL INFORMATION

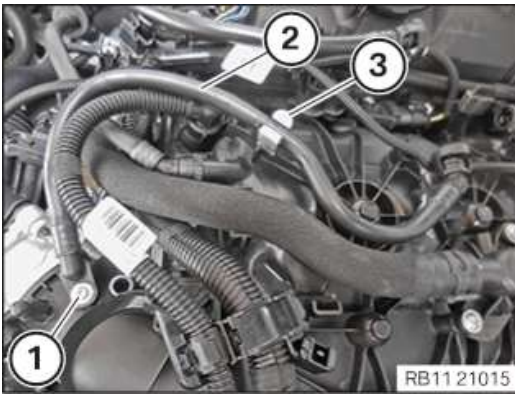
Collect and dispose of emerging fluids. Observe country-specific waste disposal regulations.



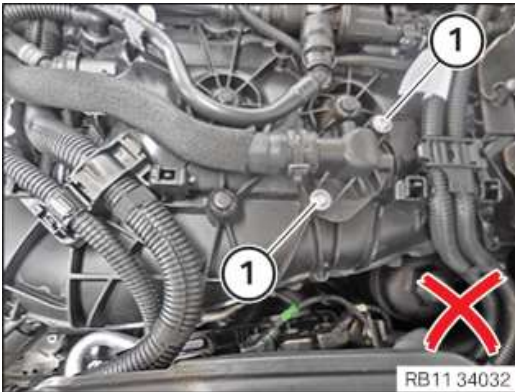
- Unlock plug connection (1) and disconnect.
- Unlock plug connection (2) and disconnect.
- Unlock and loosen clamp (3).



- Remove screws (arrows).
- Feed out charge air line (1) and place to one side.



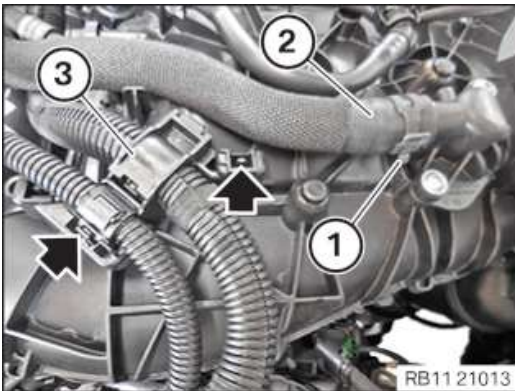
- Loosen screw (1).
- Guide tank ventilation line (2) out of clamp (3) and remove it.



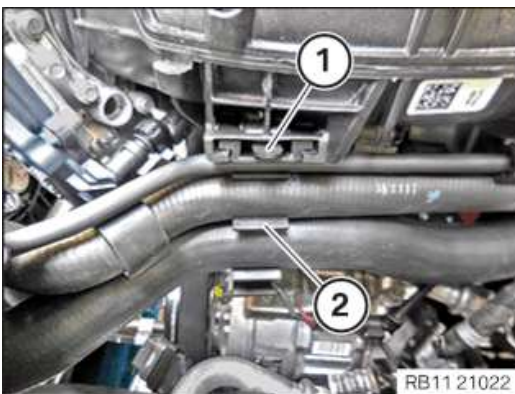
i TECHNICAL INFORMATION

The tension rod screws and mounting bolts from the connecting neck on the intake plenum are **not** allowed to be opened.

- Do **not** release screws (1).



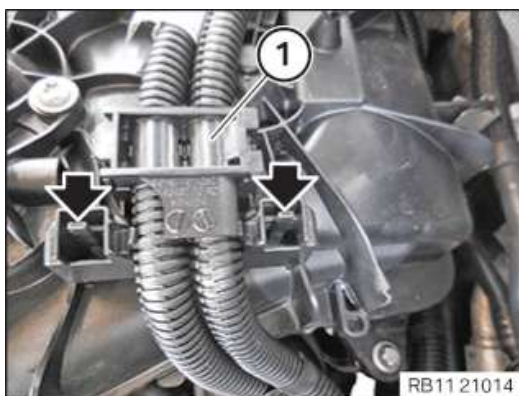
- Release the clamping collar (1) with the special tool **0 495 794 (17 2 050)**.
- Guide out the coolant hose (2) and remove it.
- Catch and dispose of escaping coolant.
- Unlock the locks (arrows).
- Feed out the wiring harness section (3) for the sensor system 2 and set it aside.



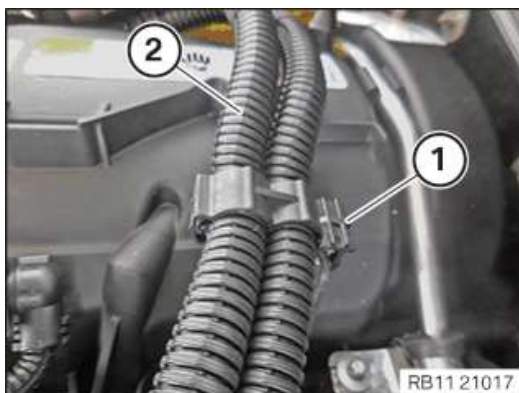
- Unlock lock (1).
- Thread out holder (2) and set aside.



- Unlock plug connection (1) and disconnect.
- Loosen screw (2).



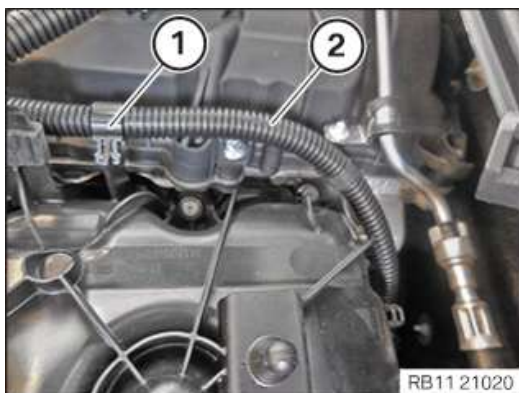
- Unlock the locks (arrows).
- Feed out the wiring harness section (1) for the injectors and ignition coils and put to one side.



- Loosen clamp (1).
- Feed out the wiring harness section (2) for the injectors and ignition coils and put to one side.



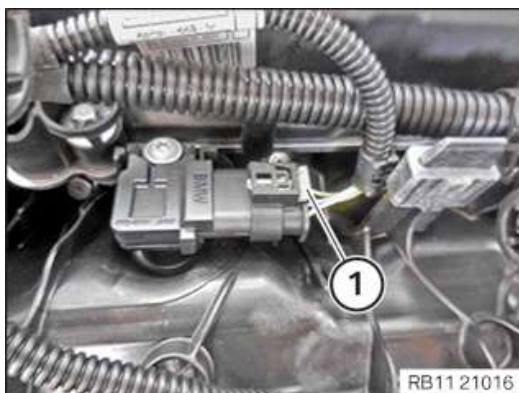
- Guide tank ventilation line (1) out of clamp (2) and place it aside.



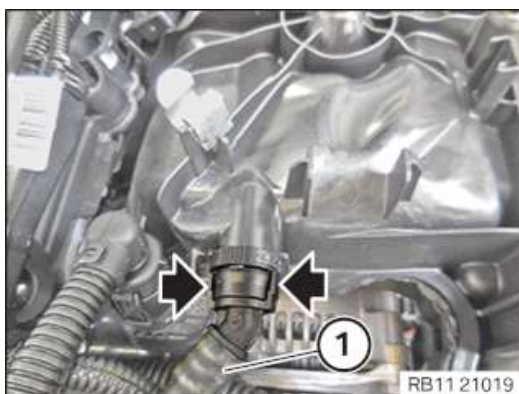
- Loosen clamp (1).
- Feed out the wiring harness section (2) for the sensor system 1 and set it aside.



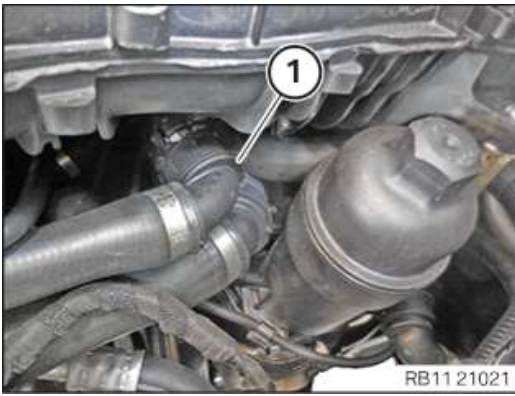
- Loosen screw (1).



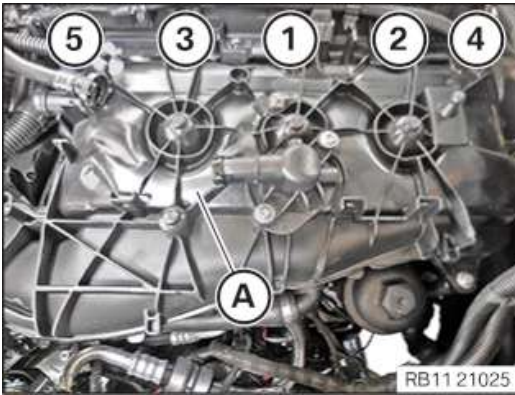
- Unlock plug connection (1) and disconnect.



- Unlock the locks (arrows).
- Feed the tank ventilation line (1) out and set it aside.



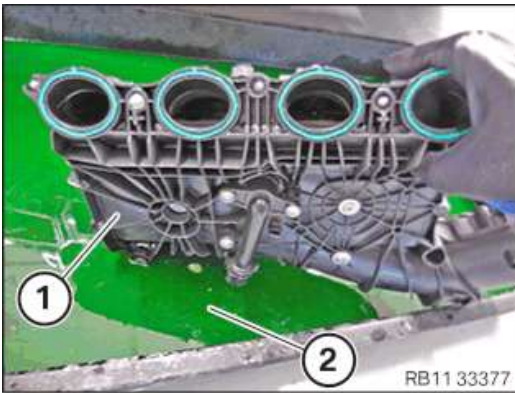
- Unlock and release the coolant feed line (1).
- Catch and dispose of escaping coolant.



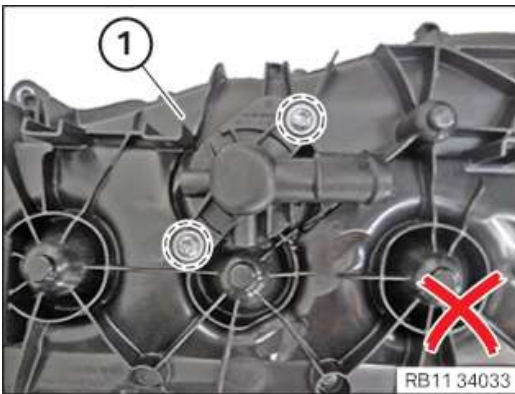
i TECHNICAL INFORMATION

Additional coolant can leakage. Make sure that no coolant enters the intake port of the cylinder head.

- Loosen screws in the order (5) to (1).
- Guide out the intake plenum (A) and remove it.



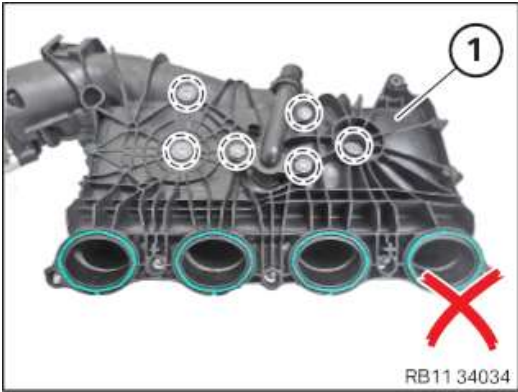
- Empty the remaining coolant (2) from the intake plenum (1).



i TECHNICAL INFORMATION

The tension rod screws and mounting bolts from the connecting neck on the intake plenum are **not** allowed to be opened.

- Do **not** release screws in the **marked area** on the intake plenum (1).



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The tension rod screws and mounting bolts from the connecting neck on the intake plenum are **not** allowed to be opened.

- Do **not** release screws in the **marked area** on the intake plenum (1).

Removing And Installing/Replacing Full-Flow Oil Filter Completely		
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