

REP-REP-RAE7111M57T2-1171100 Removing and installing/replacing exhaust-gas recirculation cooler (M57T2)

VIN: **XXXXXXX** Vehicle: **3'/E90/SEDAN/335d/M57/AUTO/EUR/LL/2006/03**
System **3.51.25.14849** Data **R3.51.25.14849**
Version: Version:

11 71 100

Removing and installing/replacing exhaust-gas recirculation cooler (M57T2)



Important!

When working on the oil, coolant or fuel circuit, you must protect the alternator against contamination.

Cover alternator and **belt drive** with suitable apparatus.



Necessary preliminary tasks:

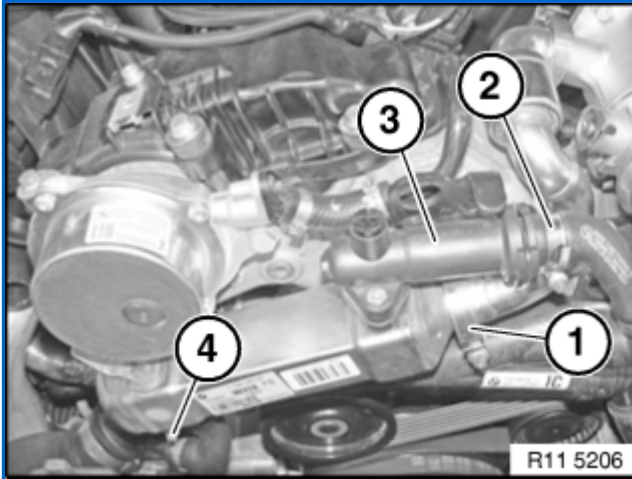
- Remove [acoustic cover](#)
- Remove [fan cowl](#)
- Drain [coolant](#) from radiator
- **(E71, E9x only)**
Remove suction pipe between air filter housing and turbocharger
- **(E63, E64 only)**
Remove [pressure pipe](#)

Release clamp (1) from exhaust-gas recirculation cooler.

Tightening torque 11 71 1AZ.

Unlock and detach coolant hose (2).

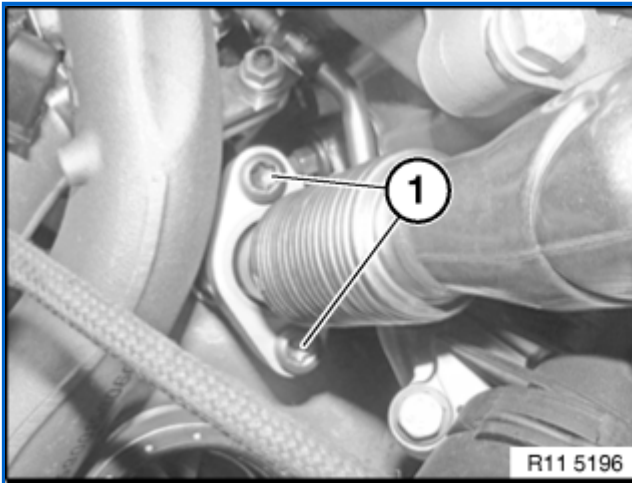
Release coolant hose (4) and detach



When replacing, modify thermostat (3) for exhaust-gas recirculation cooling.

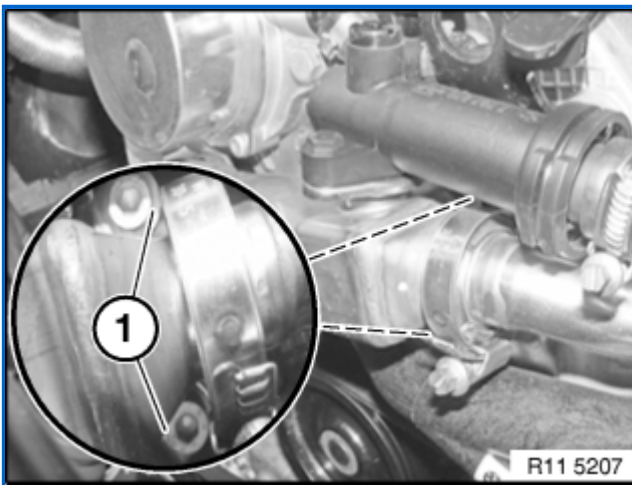
Tightening torque [11 00 2AZ](#).

Installation:
Replace gasket.



Release screws (1) on EGR cooler/manifold.

Installation:
Tightening torque 11 71 2AZ.

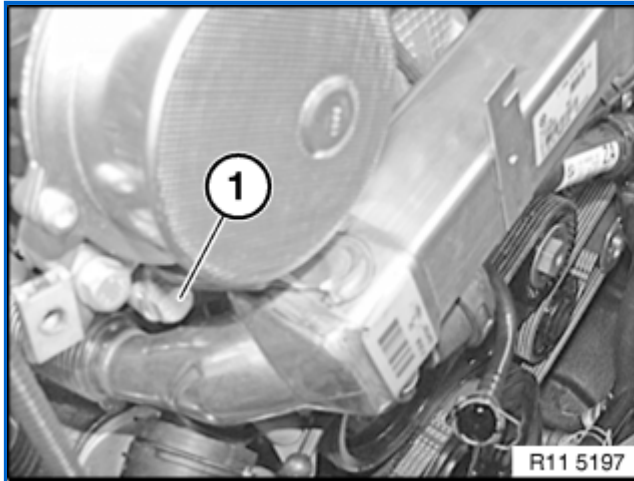


Release screws (1).

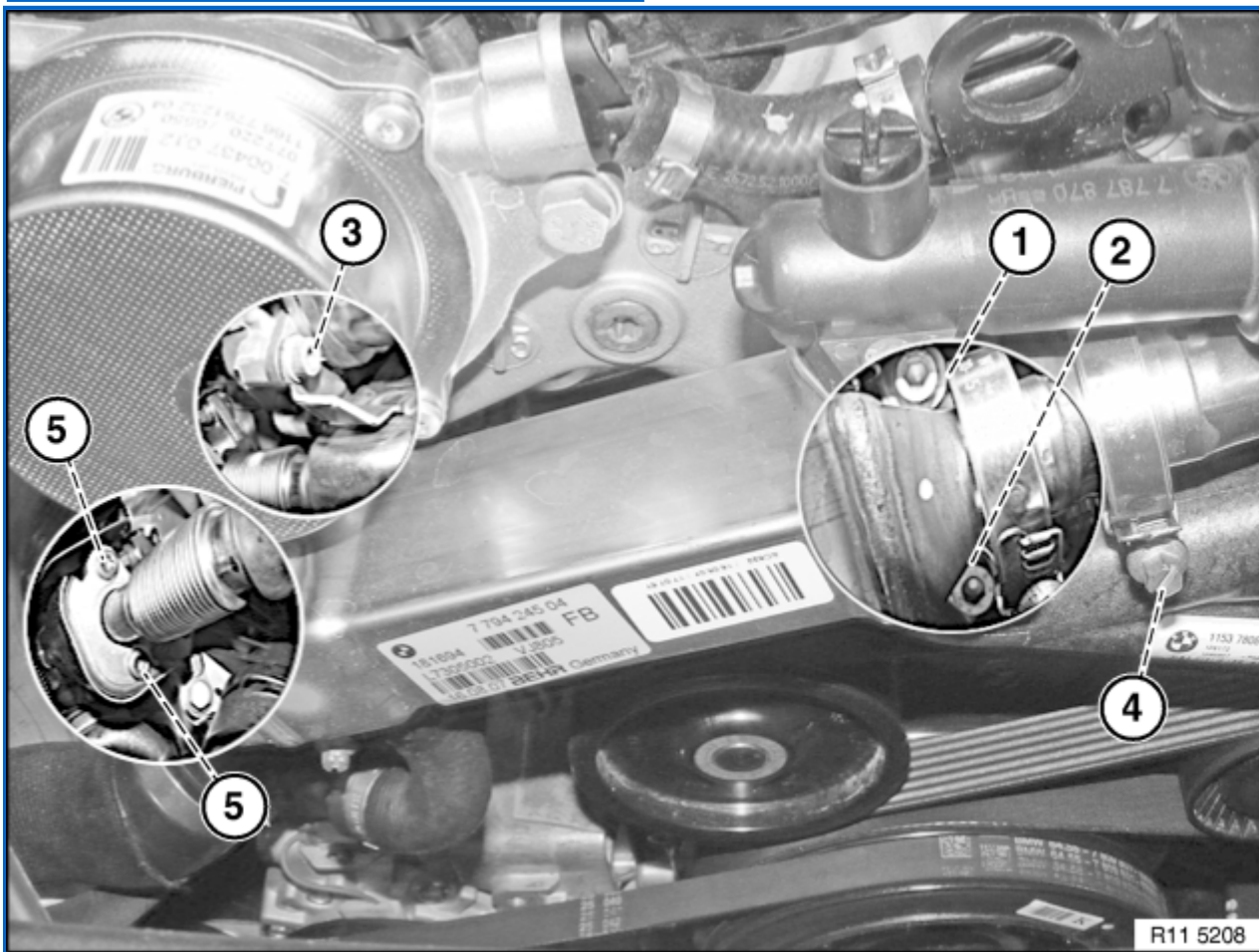
Tightening torque [11 00 4AZ](#).

Unfasten screw (1)

Installation:



Tightening torque [11 00 4AZ](#).



Installation:

Observe tightening sequence.

1. Join screws (1,2 and 3).
2. Release screws (1,2 and 3) back by 90°.
3. Secure screws (5).

Tightening torque 11 71 2AZ.

4. Secure profile clamp (4).
Tightening torque 11 71 1AZ.
5. Tighten screw (3).
Tightening torque [11 00 4AZ](#).
6. Secure screws (1, 2).
Tightening torque [11 00 4AZ](#).



Installation:
[Top up coolant.](#)