

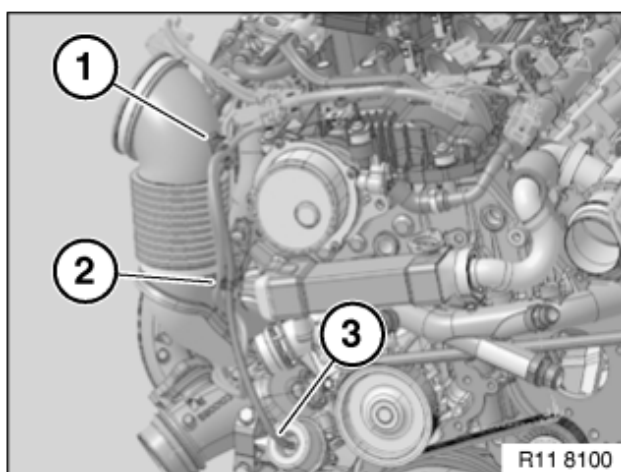
## REP-REP-RAE9011M57T2-1174 Vacuum system arrangement (M57T2TOP\_SCR)

VIN: Vehicle: 3' / E90 / Sedan / 335d / M57 / USA / left-hand drive / AUT / 2010 / 5

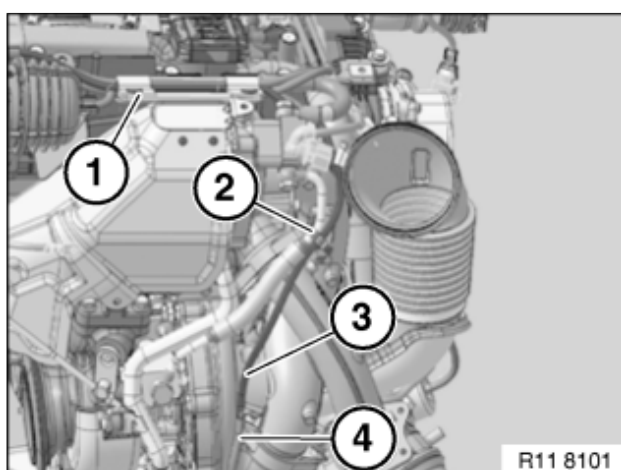
System version: 1.1.5 Data version: 3.42

11 74 ...

### Vacuum system arrangement (M57T2TOP\_SCR)



- 1 Retaining clip on clean air pipe.
- 2 Hose clip on bracket for clean air pipe.
- 3 Connecting piece, red vacuum pipe to impeller bypass.



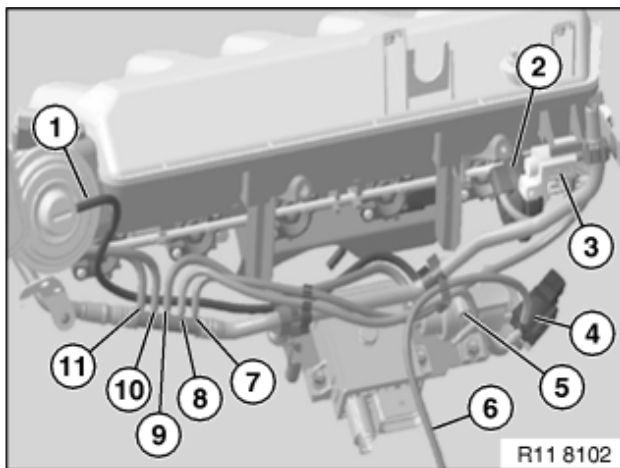
- 1 Heat shielding foil directly above high-pressure turbocharger.
- 2 Loose hose clip.
- 3 Connection, wastegate valve blue vacuum pipe to connecting piece.
- 4 Connection, wastegate valve from connecting piece, black vacuum pipe.

#### Important!

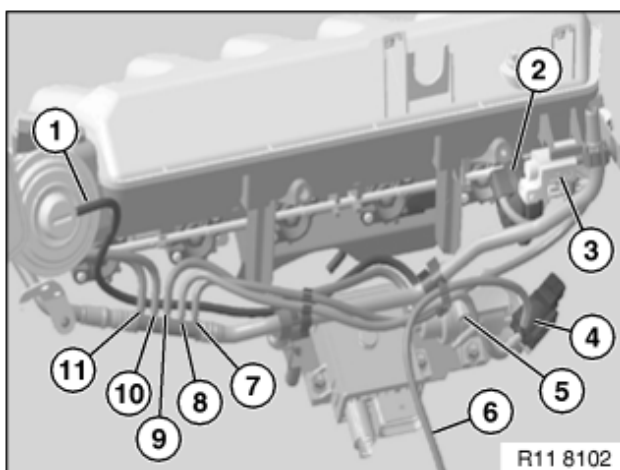
Black vacuum pipe must be high-temperature resistant.

#### EURO vehicles:

- 1 EGR valve, blue vacuum pipe to



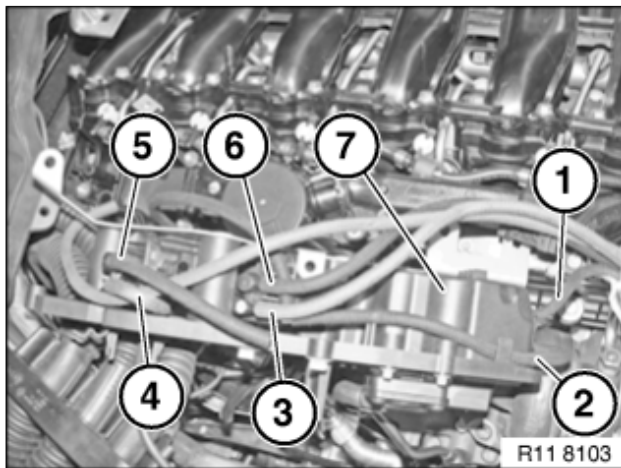
- pressure converter.
- 2 Vacuum adjuster for swirl flaps.
- 3 Electric changeover valve for swirl flaps, white vacuum pipe.
- 4 Electric changeover valve for hydraulic mountings (engine).
- 5 Pressure converter, blue vacuum pipe (1).
- 6 Connection for hydraulic mounting (engine), red vacuum pipe.
- 7 Connector, black vacuum pipe to (3) electric changeover valve for swirl flaps.
- 8 Connector, black vacuum pipe to electric changeover valve (4) for hydraulic mountings (engine).
- 9 Connector, black vacuum pipe to (5) pressure converter.
- 10 Connector, black vacuum pipe to vacuum accumulator.
- 11 Connector, black vacuum pipe to pressure converter for wastegate valve.



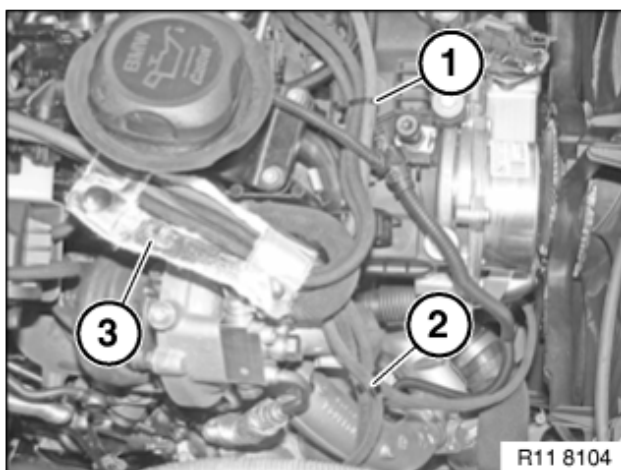
**US vehicles:**

- 1 Not fitted.
- 2 Not fitted.
- 3 Not fitted.
- 4 Electric changeover valve for hydraulic mountings (engine).
- 5 Not fitted.
- 6 Connection for hydraulic mounting (engine) red vacuum pipe.
- 7 Not fitted.
- 8 Connector, black vacuum pipe to electric changeover valve (4) for hydraulic mountings (engine).
- 9 Not fitted.
- 10 Connector, black vacuum pipe to vacuum accumulator.

- 11 Connector, black vacuum pipe to pressure converter for wastegate valve.

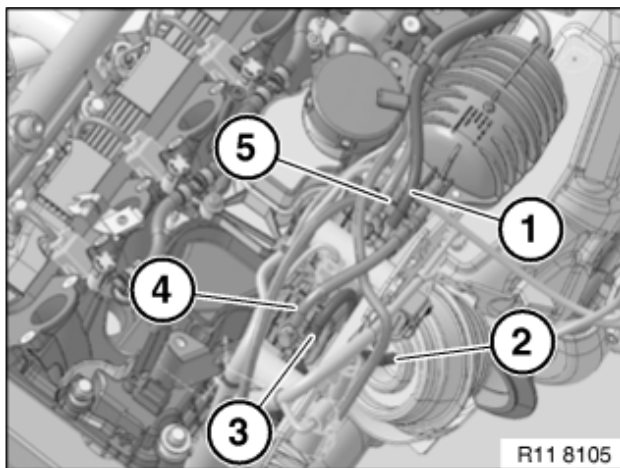


- 1 Black supply line to vacuum distributor (master VAC)
- 2 Vacuum accumulator to T-joint black vacuum pipe.
- 3 Connector on pressure converter to wastegate valve blue vacuum pipe; connector is marked with a blue spot.
- 4 Connector on pressure converter to turbine control flap blue vacuum pipe; connector is marked with a blue spot.
- 5 Connector on pressure converter for turbine control flap black vacuum pipe to vacuum accumulator T-joint.
- 6 Connector on pressure converter for wastegate valve black vacuum pipe to vacuum distributor (master VAC).

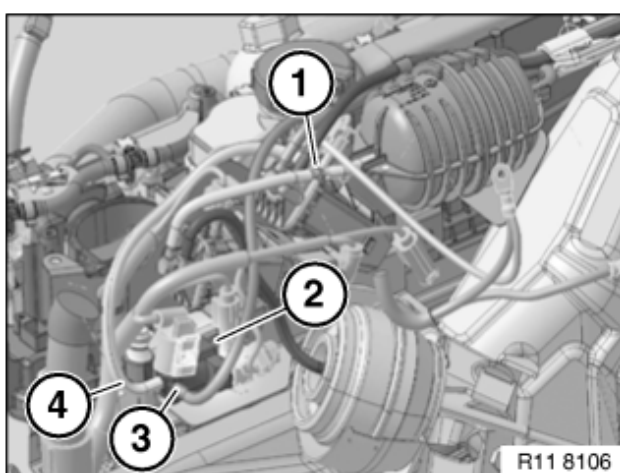


- 1 Secure vacuum pipes with a cable tie.
- 2 Secure vacuum pipes with a loose hose clip.
- 3 Secure vacuum pipes with heat shielding foil directly above high-pressure turbocharger.

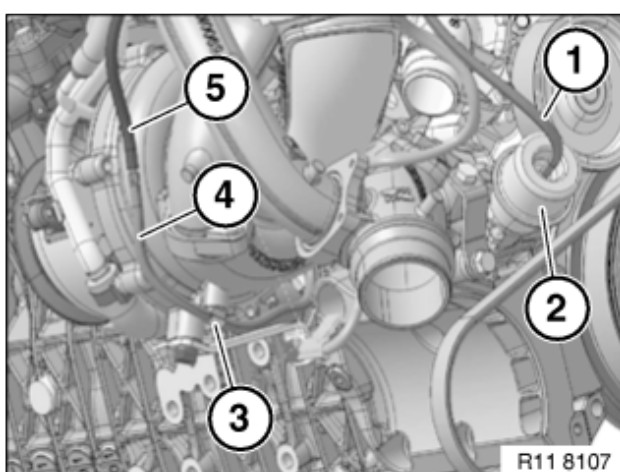
- 1 Connector on pressure converter to wastegate valve blue vacuum pipe; connector is marked with a blue spot.
- 2 Connector on vacuum unit (turbine control flap), blue vacuum pipe.
- 3 Connector on pressure converter to turbine control flap blue vacuum pipe; connector is marked with a blue spot.



- 4 Connector on pressure converter for turbine control flap black vacuum pipe to vacuum accumulator T-joint.
- 5 Connector on pressure converter for wastegate valve black vacuum pipe to vacuum distributor (master VAC).



- 1 T-joint for vacuum accumulator.
- 2 Electric changeover valve for impeller bypass flap
- 3 Connector, red vacuum pipe to impeller bypass.
- 4 Connector, black vacuum pipe to T-joint (vacuum accumulator).



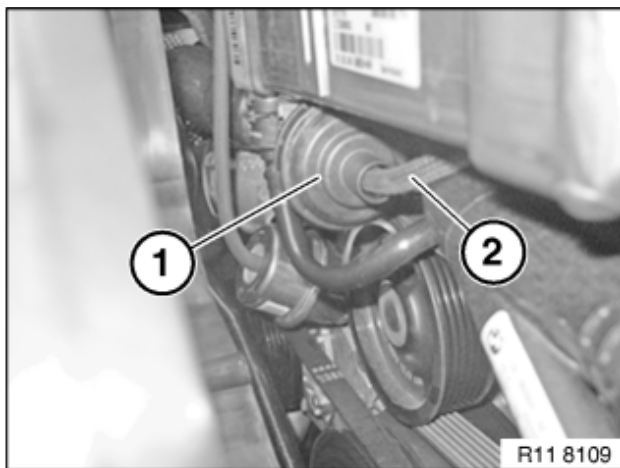
- 1 Connector, red vacuum pipe to impeller bypass.
- 2 Vacuum unit, impeller bypass.
- 3 Retaining clip on low-pressure turbocharger for black vacuum pipe (heat resistant)
- 4 Connection, wastegate valve from connecting piece, black vacuum pipe.

**Important!**

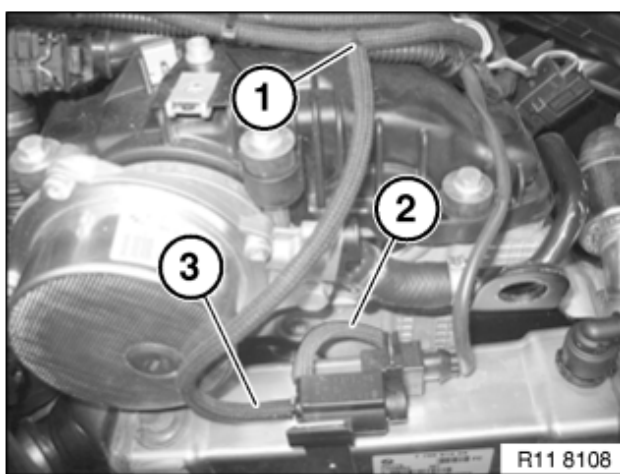
Black vacuum pipe must be high-temperature resistant.

- 5 Connection, wastegate valve blue vacuum pipe to connecting piece.

- 1 Vacuum unit, bypass exhaust flap on EGR cooler.



2 Connection, bypass exhaust flap, blue vacuum pipe.



- 1 T-joint, connector for black vacuum pipe to vacuum distributor.
- 2 Connector on electric changeover valve to vacuum unit for bypass exhaust flap, blue vacuum pipe.
- 3 Connector on electric changeover valve for bypass exhaust flap, black vacuum pipe.