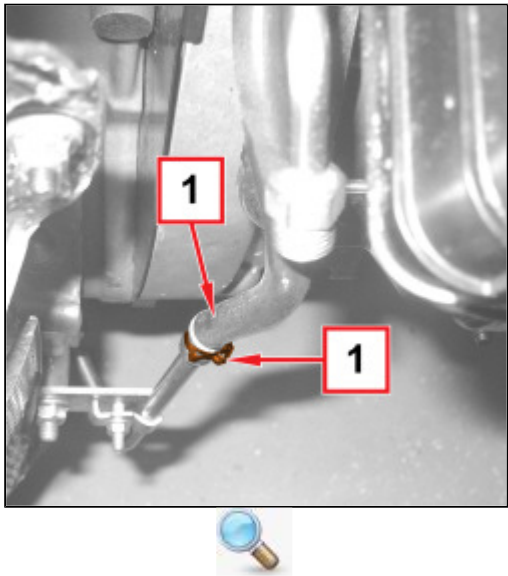


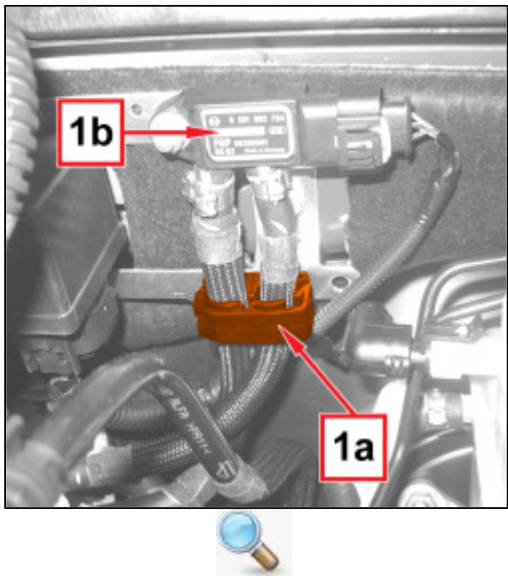
Removing ([Refitting](#))

- Position the vehicle on a lift.
- [_Op. 7055B54 PROTECTION/GUARD UNDER ENGINE -R.R.](#)
- [_Op. 0010T20 ENGINE COOLANT - CHANGE](#)
- [_Op. 1016A10 SOUND-PROOFING COVER - R.R](#)
- [_Op. 5530B10 BATTERY - R+R](#)
- [_Op. 5530B52 BATTERY SUPPORT/DRIP TRAY - R.R](#)
- [_Op. 1048B27 RIGID PIPE FOR AIR INLET TO THROTTLE BODY - R R](#)
- [_Op. 1060G50 THROTTLE BODY - R.R](#)

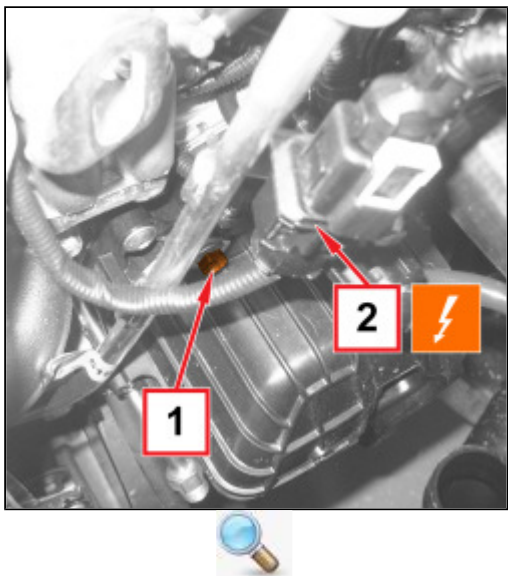
1. Loosen the band and disconnect the intermediate pressure hose downstream of the particulate filter.



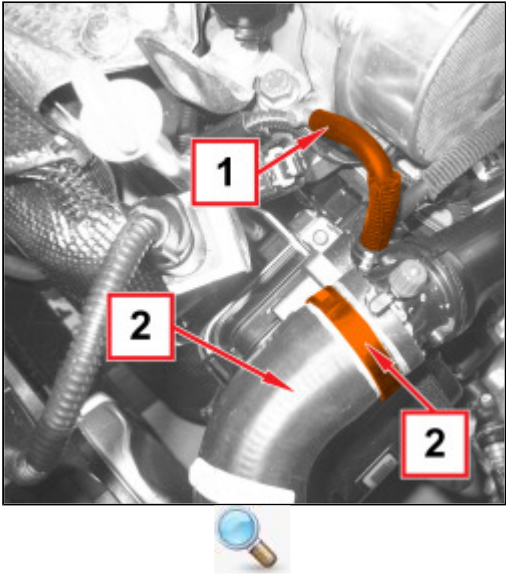
1. Open the retaining clip (1a), loosen the bands and disconnect the hoses for the particulate filter pressure sensor (1b).



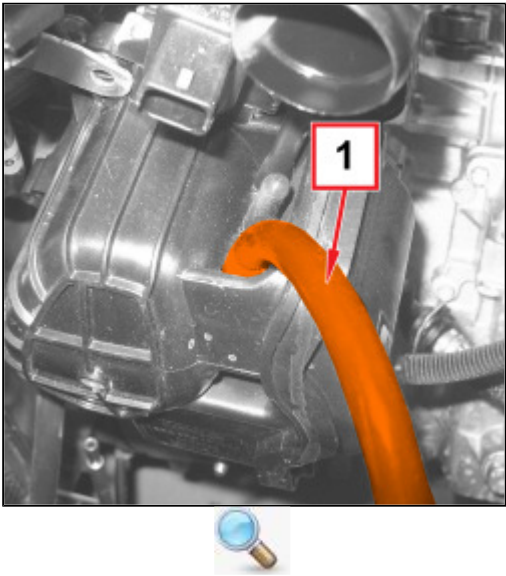
1. Undo the oil dipstick pipe retaining upper screw.
2. Disconnect the electrical connection for the water delivery actuator control solenoid valve to the EGR heat exchanger.



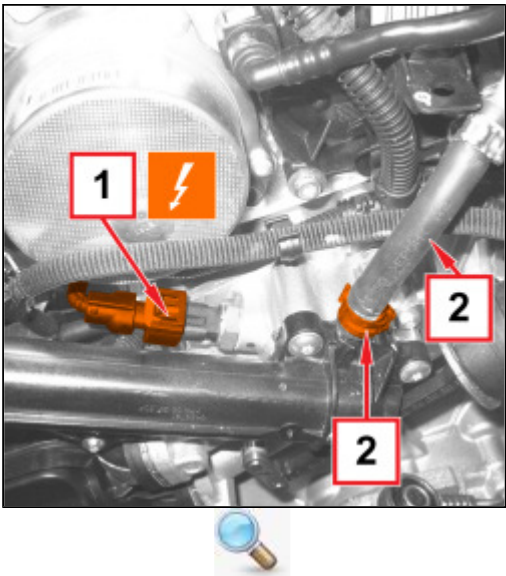
	Description	Connector
2	Water delivery actuator control solenoid valve to the EGR heat exchanger	_See L103 SOLENOID CONTROLLING ACTUATOR DELIVERING WATER TO EGR HEAT EXCHANGER



1. Disconnect the vacuum intake pipe for the vacuum reservoir, vacuum unit side.
2. Loosen the band and disconnect the water delivery sleeve to the radiator, thermostat side.



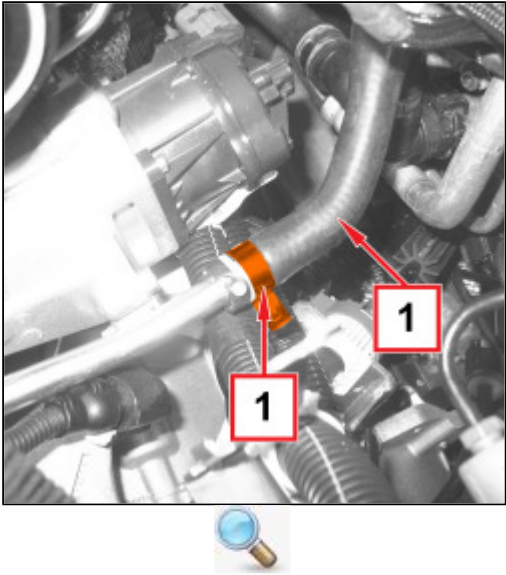
1. Disconnect the vacuum intake pipe for the Waste Gate solenoid valve, vacuum reservoir side.



1. Disconnect the water temperature sensor electrical connection.

	Description	Connector
1	Engine coolant temperature sensor/sender unit	See K036 ENGINE COOLANT TEMPERATURE SENSOR/SENDER UNIT

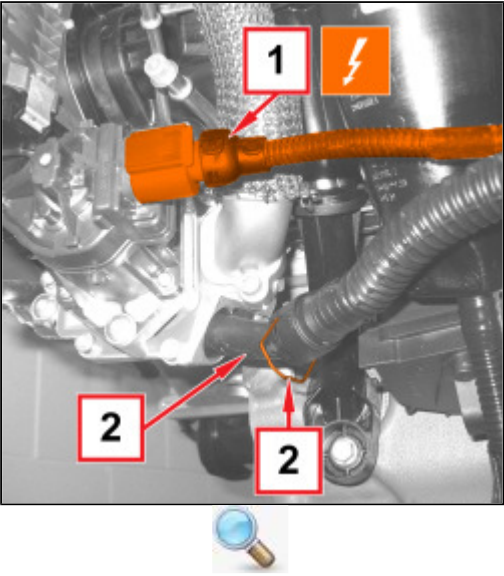
2. Loosen the band and disconnect the degassing pipe, thermostat side.



1. Loosen the band and disconnect the water delivery hose to the heater, thermostat side.

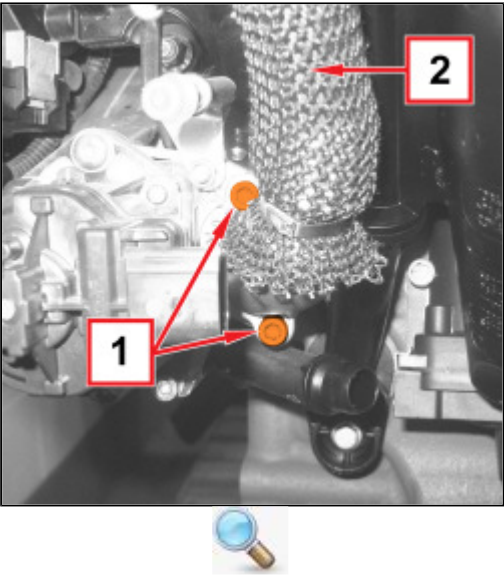
1. Disconnect the electrical connection for the EGR solenoid valve.

--	--	--

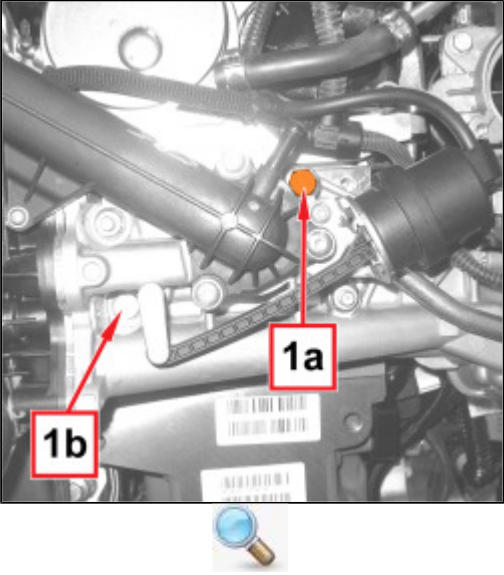


	Description	Connector
1	EGR solenoid valve	See L030 EGR SOLENOID

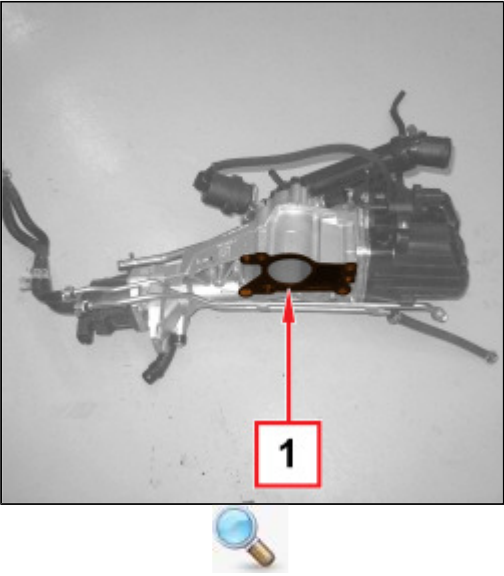
2. Lift the clip and disconnect the quick connector for the water delivery hose to the engine oil heat exchanger, thermostat side.



1. Undo the fastenings (1a) and remove the EGR valve assembly - heat exchanger - connecting pipes (1b) complete with gasket.



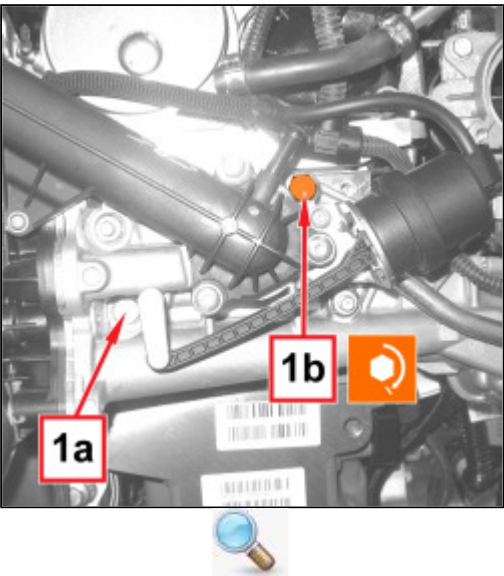
1. Remove the gasket from the EGR valve assembly - heat exchanger - connecting pipes.



 Refitting ([Removing](#) )

1. Replace the EGR valve assembly - heat exchanger - connecting pipes (1a) complete with a new gasket and tighten the fastenings (1b) to the prescribed torque.

--	--	--	--	--



Component	Fastening	Ø	Value (daNm)	Validity
EGR valve - heat exchanger - connector pipes assembly	Screw	M8	2.3 ÷ 2.8	2.0 JTDM
Component	Fastening	Ø	Value (daNm)	Validity
EGR valve - heat exchanger - connector pipes assembly	Nut	M8	2.3 ÷ 2.8	2.0 JTDM

- Connect the quick connector for the water delivery pipe to the engine oil heat exchanger, thermostat side.
- Connect the electrical connection for the EGR solenoid valve.
- Connect the water delivery hose to the heater, thermostat side, and tighten the band.
- Connect the degassing pipe, thermostat side, and tighten the band.
- Connect the electrical connection for the water temperature sensor.
- Press-fit the vacuum intake pipe for the Waste Gate solenoid valve, vacuum reservoir side.
- Connect the radiator water delivery sleeve, thermostat side, and tighten the band.
- Press-fit the vacuum intake pipe for the vacuum reservoir, vacuum unit side.
- Connect the electrical connection for the water delivery actuator control solenoid valve to the EGR heat exchanger.
- Tighten the oil dipstick pipe retaining upper screw.
- Connect the hoses for the particulate filter pressure sensor, tighten the bands and close the retaining clip.
- Connect the intermediate pressure hose downstream of the particulate filter and tighten the band.
- ⊕ [_Op. 1060G50 THROTTLE BODY - R.R](#)
- ⊕ [_Op. 1048B27 RIGID PIPE FOR AIR INLET TO THROTTLE BODY - R R](#)
- ⊕ [_Op. 5530B52 BATTERY SUPPORT/DRIP TRAY - R.R](#)
- ⊕ [_Op. 5530B10 BATTERY - R+R](#)
- ⊕ [_Op. 1016A10 SOUND-PROOFING COVER - R.R](#)
- ⊕ [_Op. 0010T20 ENGINE COOLANT - CHANGE](#)
- ⊕ [_Op. 7055B54 PROTECTION/GUARD UNDER ENGINE -R.R.](#)
- Remove the vehicle from the lift.