



P14.20-2183-08

- |   |                                 |   |   |       |   |
|---|---------------------------------|---|---|-------|---|
| 1 | Exhaust gas recirculation valve | 5 | Bolts   | 8     | Vacuum line from EGR [ARF] vacuum transducer to exhaust gas recirculation valve |
| 2 | Bolt                            | 6 | Intake manifold   | Y31/1 | EGR [ARF] vacuum transducer   |
| 3 | Union nut                       | 7 | Vacuum line from intake manifold to EGR [ARF] vacuum transducer |       |   |
| 4 | Exhaust gas recirculation line  |   |   |       |   |

	Remove/Install		
<b>Danger!</b>	<b>Risk of injury</b> to skin and eyes from handling hot or glowing objects.	Wear safety gloves, protective clothing and safety glasses, if necessary.	AS00.00-Z-0002-01A
<b>Danger!</b>	<b>Risk of injury</b> caused by <b>fingers being jammed or pinched</b> when removing, installing or aligning hoods, doors, trunk lid/rear-end door or sliding roof. Open engine hood and raise to vertical position	When moving components, ensure that no body parts or limbs are within the operating range of moving parts.	AS00.00-Z-0011-01A
1			AR88.40-P-1000GZ
2	Remove air filter housing		AR09.10-P-1150GZ
3	Remove hot film mass air flow sensor with air intake pipe		AR07.07-P-1454GZ
4	Unscrew union nut (3) from exhaust gas recirculation valve (1)	Counterhold connection fitting when unscrewing. 	*BA14.20-P-1002-01B
5	Undo bolts (5) from exhaust gas recirculation line (4) at the intake manifold (6)		*BA14.20-P-1003-01B
6	<b>Remove exhaust gas recirculation line (4)</b>	<b>Installation: Replace seal.</b>	
7	Unplug electrical connector at EGR [ARF] vacuum transducer (Y31/1).		
8	Disconnect vacuum line from intake manifold to EGR [ARF] vacuum transducer (7)		
9	Unscrew bolt (2) from exhaust gas recirculation valve (1) at cylinder head		*BA14.20-P-1001-01B
10	<b>Remove exhaust gas recirculation valve (1)</b>	<b>Installation: Replace seal.</b>	
11	Install in the reverse order		
	Check		
<b>Danger!</b>	<b>Risk of accident</b> caused by vehicle starting off by itself when engine is running. <b>Risk of injury</b> caused by contusions and burns during starting procedure or when working near engine	Secure vehicle to prevent it from moving. Wear closed and snug-fitting work clothes. Do not grasp hot or rotating parts.	AS00.00-Z-0005-01A
12	Carry out engine test run		

## Exhaust gas recirculation

Number	Designation		Engine 113.940/941/942/ 943/944/948/960/ 961/962/964/965/ 966/967/968/969/ 971/980/981/982/ 984/987/988
BA14.20-P-1001-01B	Bolt, exhaust gas recirculation valve to cylinder head	Nm	20=14.75 ft. lbs.
BA14.20-P-1002-01B	Union nut, exhaust gas recirculation pipe to exhaust gas recirculation valve	Nm	40=29.5 ft. lbs.
BA14.20-P-1003-01B	Screw, exhaust gas recirculation pipe to intake pipe	Nm	9=6.6 ft. lbs.