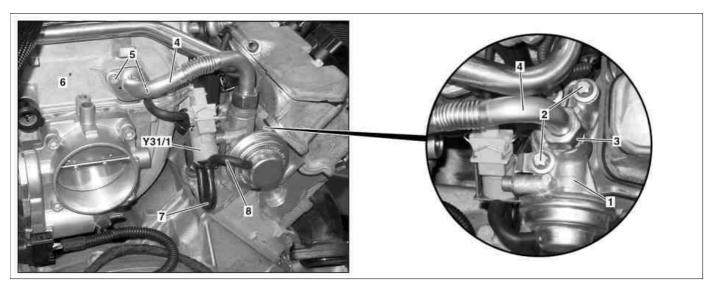
ENGINE 113.964 in MODEL 164.175



P14.20-2183-08

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

XX	Remove/Install		
⚠ Danger!	Risk of injury 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
⚠ Danger!	Risk of injury caused by fingers being jammed or pinched when removing, installing or aligning hoods, doors, trunk lid/rear-end door or sliding roof.	When moving components, ensure that no body parts or limbs are within the operating range of moving parts.	AS00.00-Z-0011-01A
1	Open engine hood and raise to vertical position		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)	i Counterhold connection fitting when unscrewing.	
		Nm Nm	*BA14.20-P-1002-01B
5	Undo bolts (5) from exhaust gas recirculation line (4) at the intake manifold (6)	Nm	*BA14.20-P-1003-01B
6	Remove exhaust gas recirculation line (4)	i Installation: Replace seal.	
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	Nm	*BA14.20-P-1001-01B
10	Remove exhaust gas recirculation valve (1)	i Installation: Replace seal.	
11	Install in the reverse order		
4	Check		
⚠ Danger!	Risk of accident caused by vehicle starting off by itself when engine is running. Risk of injury 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		

Nm 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.

jf