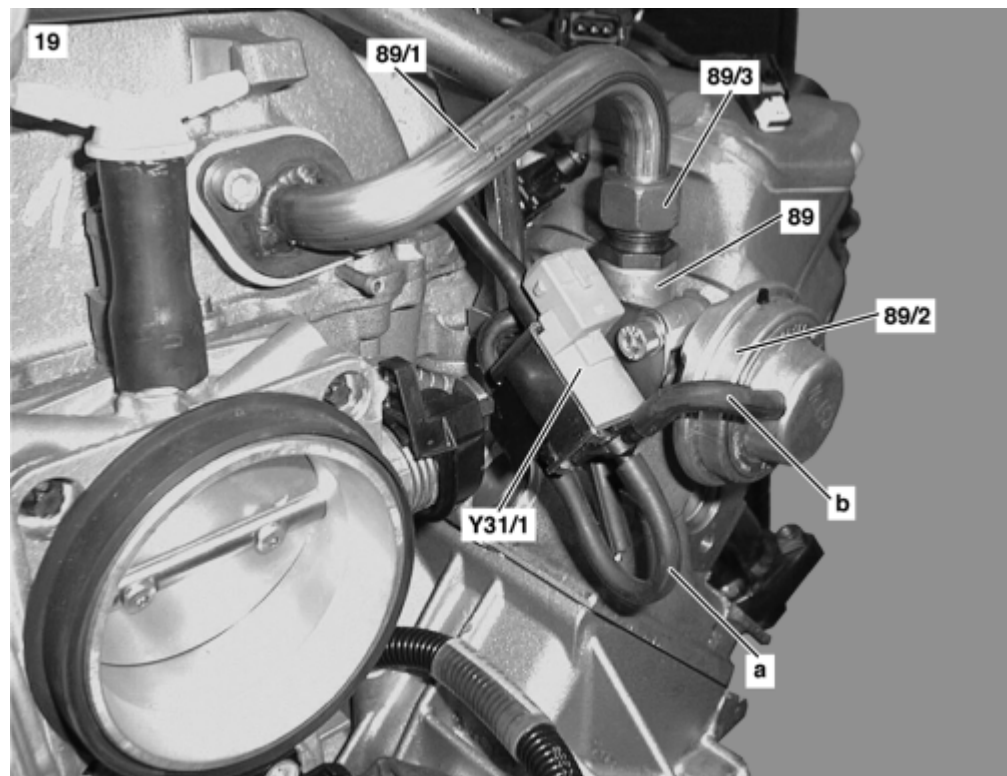




AR14.20-P-7662GH	Remove/install exhaust gas recirculation valve	22.1.98
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ENGINE 112.942 in MODEL 163.154
ENGINE 113.942 in MODEL 163.172
ENGINE 113.981 in MODEL 163.174
ENGINE 112.970 in MODEL 163.157
ENGINE 113.965 in MODEL 163.175

19 Intake manifold
89 Exhaust gas recirculation valve
89/1 EGR pipe
89/2 Vacuum unit
89/3 Union nut
a Vacuum supply from intake pipe
b Controlled vacuum from EGR transducer to exhaust gas recirculation valve
Y31/1 EGR vacuum transducer



P14.20-0263-06

	Remove/Install		
1	Remove engine trim panel or cleaner	 Remove engine trim panel or air	

		cleaner by pulling it vertically up and off the cylinder head covers.	
2	Remove top part of air cleaner	i Only model 163.	
3	Remove hot film mass air flow sensor with air intake pipe	Model 163.154 /157.	AR07.07-P-1454A
		Model 163.172/174 /175.	AR07.07-P-1454MV
4	Unscrew acorn nut (89/3) on exhaust gas recirculation valve (89)	Nm	BA14.20-P-1002-01B
5	Unscrew exhaust gas recirculation pipe (89/1) from intake pipe (19)	Nm	BA14.20-P-1003-01B
6	Unscrew exhaust gas recirculation pipe (89) from cylinder head	Nm	BA14.20-P-1001-01B
7	Disconnect EGR transducer connector (Y31/1)		
8	Remove exhaust gas recirculation valve (89)		
9	Install in the reverse order	i Installation: replace gaskets. Pay attention to length and routing of vacuum pipe from intake pipe to EGR transducer (Y31/1). Incorrect routing may cause throttle lever to jam.	

Nm Exhaust gas recirculation

Number	Designation		Engine 112.942	Engine 112.970	Engines 113.942/965/981
BA14.20-P-1001-01B	Bolt of exhaust gas recirculation valve to cylinder head	Nm	20	20	20
BA14.20-P-1002-01B	Acorn nut of exhaust gas recirculation pipe to exhaust gas recirculation valve	Nm	40	40	40
BA14.20-P-1003-01B	Bolt of exhaust gas recirculation pipe to intake pipe	Nm	9	8	9