

AR15.12-P-2003QB

Removing/installing ignition coils

18.4.05

ENGINE 272.920 in MODELS 203.052

ENGINE 272.940 in MODELS 203.054

ENGINE 272.960 in MODELS 203.056

ENGINE 272.970 in MODELS 203.087

ENGINE 272.941 in MODELS 203.092

1 Bolts

T1/1 Cylinder 1 ignition coil

T1/2 Cylinder 2 ignition coil

T1/3 Cylinder 3 ignition coil

T1/4 Cylinder 4 ignition coil



T1/5 Cylinder 5 ignition coil







T1/6 Cylinder 6 ignition coil

a Spark plug connector



P15.10-2149-06

	Removing/installing		
 Danger!	Risk of injury caused by fingers being jammed or pinched when removing, installing or aligning hoods, doors, trunk	When moving components, ensure that no body parts or limbs are within the operating range of moving parts.	AS00.00-Z-0011-01A

	lid/rear-end door or sliding roof.		
 Danger!	Risk of death caused by contact with parts conducting high voltages.	Do not touch parts which conduct high voltages. Persons who wear electronic implants (e.g. heart pacemakers) must not carry out work on the ignition system.	AS15.10-Z-0001-01A
 Danger!	Risk of injury to skin and eyes caused by handling hot or glowing objects.	Wear safety gloves, protective clothing and, if necessary, safety glasses.	AS00.00-Z-0002-01A
	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
	Notes on avoiding damage to ignition system		AH15.10-P-0002-01V
1	Turn key in ignition switch to position "0".		
2	Open engine hood and raise to vertical position	Model 203	AR88.40-P-1000P
3	Remove air filter housing		AR09.10-P-1150QB
4	Disconnect the electrical connectors at the ignition coils (T1/1 to T1/6)		
5	Unscrew bolts (1) for ignition coils for cylinder 1 to cylinder 6 (T1/1 up to T1/6)		BA15.10-P-1001-04A
6	Detach cylinder 1 to cylinder 6 ignition coils (T1/1 to T1/6) together with spark plug connector (a) toward top and take out		
7	Install in reverse order		
8	Read out fault memory	STAR DIAGNOSIS diagnosis system	WE58.40-Z-1013-06A
 AD	Connect up STAR DIAGNOSIS and read out fault memory		AD00.00-P-2000-04A

 Ignition coil

Number	Designation	Engine 272

BA15.10-P-1001-04A	Bolt for ignition coil on cylinder head cover	Nm	9
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Workshop equipment/MB testers (see Workshop Equipment Manual)

WE58.40-Z-1013-06A	STAR DIAGNOSIS Compact diagnosis system for passenger cars, order number 6511 1801 00
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