

ENGINE 157, 276, 278 in MODEL 166

ENGINE 272, 273 in MODEL 164

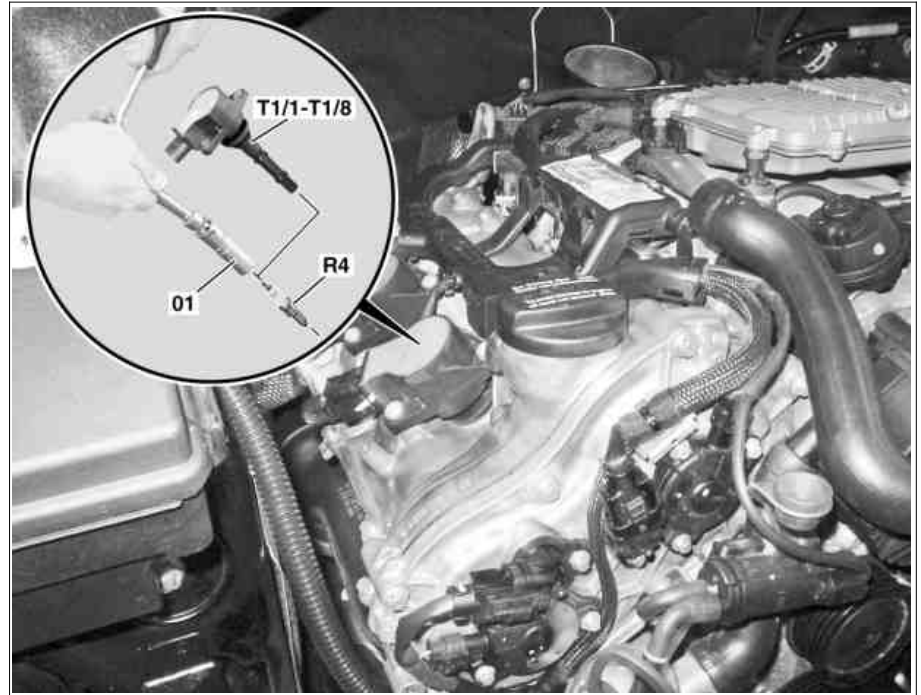
Modification notes

13.3.13	Operation steps for 164.195 added.	Step 3 and 4	
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Shown on model 164 with engine 272

01 Spark plug wrench

R4 Spark plugs



P15.10-2193-06

	Remove/install		
Danger !	Risk of death caused by contact with parts conducting high voltages.	Do not touch parts which conduct high voltages. Persons who have electronic implants (e.g. cardiac pacemakers) should never perform any work on the ignition system.	AS15.10-Z-0001-01A
Danger !	Risk of injury . Skin or eye injuries may result when handling hot or glowing objects.	Wear protective gloves, protective clothing and safety glasses, if necessary.	AS00.00-Z-0002-01A
Danger !	Risk of death when touching components on vehicles with high-voltage on-board electrical system	Do not touch components and open lines of the high-voltage on-board electrical system. Persons who wear electronic implants (e.g. cardiac pacemakers), must not carry out any work on high-voltage on-board electrical systems.	AS54.00-Z-0001-01A
	Notes on avoiding damage to ignition system		AH15.10-P-0002-01V
	Notes on avoiding damage through contamination and foreign objects		AH00.00-P-5000-01A
1.1	Switch off ignition	Except model 164.195	
1.2	Enable high voltage on-board electrical system	Model 164.195	
AR			AR54.10-P-1150GZH
2	Open engine hood	MODEL 164 MODEL 166	AR88.40-P-1000GZ AR88.40-P-1000GQ
AR			
3	Remove power electronics with power distributor	Model 164.195	AR08.10-P-0011GZH
AR			
4	Remove connector hose between air filter housing and resonance intake manifold	Model 164.195	
5	Remove ignition coils	ENGINE 157, 278 ENGINE 272, 273	AR15.12-P-2003MLJ AR15.12-P-2003GZA
AR			
AR			

AR		ENGINE 276	AR15.12-P-2003GQ
7	Remove spark plugs (R4) with spark plug wrenches (01) from cylinder heads	Spark plug to cylinder head Spark plug wrench Spark plug wrench	*BA15.10-P-1001-01C *112589010900 *278589000900
Check			
6	Check spark plug connectors, ignition coil connectors and feed lines	Check for damage, deformation and crack formation, replace if necessary.	
8	Install in the reverse order		

Spark plugs

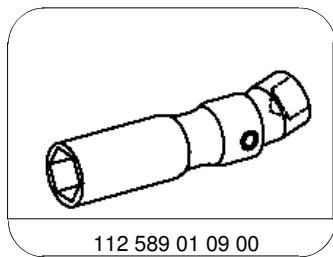
Number	Designation		ENGINE 157	ENGINE 272
BA15.10-P-1001-01C	Spark plug to cylinder head	Nm	23	23

Spark plugs

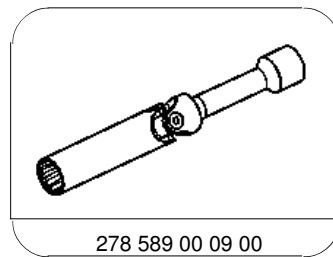
Number	Designation		ENGINE 273	ENGINE 276
BA15.10-P-1001-01C	Spark plug to cylinder head	Nm	23	23

Spark plugs

Number	Designation		ENGINE 278
BA15.10-P-1001-01C	Spark plug to cylinder head	Nm	23



Spark plug wrench



Spark plug wrench