

Engine 272

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

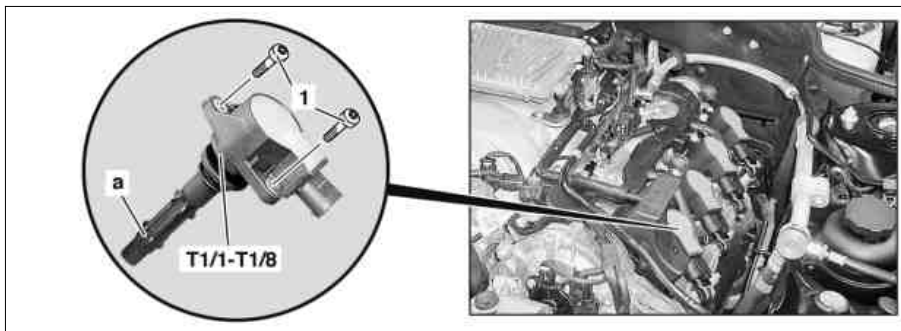


P15.10-2149-06

Engine 273


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- 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
- T1/7 Cylinder 7 ignition coil
- T1/8 Ignition coil cylinder 8



P15.10-2190-04

	<p>Remove, install</p>		
<p>⚠ Danger!</p>	<p>Risk of death caused by contact with parts conducting high voltages.</p>	<p>Do not touch parts which conduct high voltages. Persons who wear electronic implants (e.g. heart pacemakers) should never perform any work on the ignition system.</p>	<p>AS15.10-Z-0001-01A</p>
<p></p>	<p>Notes on avoiding damage to electronic components due to electrostatic discharge</p>		<p>AH54.00-P-0001-01A</p>
<p></p>	<p>Notes on avoiding damage to ignition system</p>		<p>AH15.10-P-0002-01V</p>
<p>1</p>	<p>Switch ignition off, remove ignition key (transmitter key).</p>	<p> On vehicles with code 889 Keyless Go: Press keyless go start/stop button repeatedly until the ignition is switched off. Remove the Keyless Go transmitter card or transmitter key from the vehicle and store beyond the reach of the transmitter (min. 2 m).</p>	
<p>2</p>	<p>Remove air filter housing</p>		<p>AR09.10-P-1150TS</p>
<p>3</p>	<p>Unscrew bolts (1) for ignition coils for cylinder 1 to cylinder 6 or 8 (T1/1 up to T1/6 and T1/8)</p>	<p>Nm</p>	<p>*BA15.10-P-1001-04A</p>
<p>4</p>	<p>Disconnect electrical connectors at ignition coils for cylinder 1 to cylinder 6 or 8 (T1/1 to T1/6 and T1/8)</p>		
<p>5</p>	<p>Pull ignition coils for cylinder 1 to cylinder 6 or 8 (T1/1 to T1/6 and T1/8) upwards and out</p>		
<p>6</p>	<p>Pull out ignition coil connector</p>		
<p>7</p>	<p>Dismount spark plug connector</p>	<p>Engine 272 985</p>	<p>AR15.12-P-1010-01TX</p>

8	Check spark plug connector, ignition coil connector and ignition line	 Check for damage, deformation and the formation of cracks and replace if necessary.	
9	Install in the reverse order		
10	Check that the ignition line is routed correctly	Engine 272.985	AR15.12-P-1010-01TX
11	Read out fault memory Connect STAR DIAGNOSIS and read out fault memory	STAR DIAGNOSIS diagnosis system	*WH58.30-Z-1048-13A AD00.00-P-2000-04A

 Ignition coil

Number	Designation		Engine 272	Engine 273
BA15.10-P-1001-04A	Bolt connecting ignition coil to cylinder head cover	Nm	9	9

Commercially available tools

Number	Designation	
WH58.30-Z-1048-13A	STAR DIAGNOSIS diagnosis system, Compact Passenger Car	6511 1801 00