

Mercedes WIS

Čeština Dansk Deutsch Ελληνικά English Español Suomi Français Magyar Italiano 日本語 한국어
Nederlands Polskie Português Română Русский Slovenščina Svenska Türkçe 简体中文

AP15.10-P-1580CWF	Replace spark plugs	20.01.2017
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Engine	274 in model 172, 204, 205, 207, 212, 213, 218, 238, 253
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Shown on engine 274.9 in model 204.0

01	Spark plug wrench
1	Spark plugs

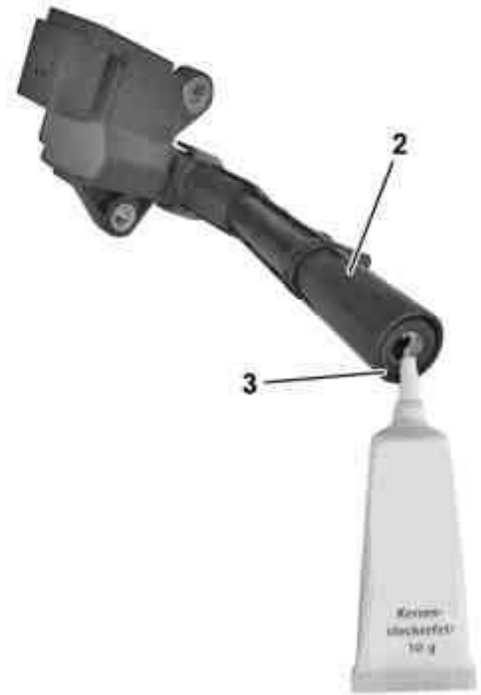
P15.10-2479-11






















Shown on ignition coil in engine 157.980
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2	Spark plug connector
3	Sealing lip

P15.10-2579-02



<p>⚠ Danger !</p>	<p>Risk of injury. Skin or eye injuries may result when handling hot or glowing objects.</p>	<p>Wear protective gloves, protective clothing and safety glasses, if necessary.</p>	<p>■ Risk of injury. Skin or eye injuries may result when handling hot or glowing objects.</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. People who have electronic implants (e.g. cardiac pacemakers) may not perform any work on the ignition system.</p>	<p>■ Risk of death caused by contact with parts conducting high voltages.</p>
<p>⚠</p>	<p>Information on avoiding damage when replacing spark plugs</p>		<p>■ Information on avoiding damage when replacing spark plugs</p>
	<p>Preparatory activity</p>		
<p>1</p>	<p>Open engine hood and raise to vertical position</p>	<p>Engine 274 in model 172, 204, 205, 207, 212, 213, 218, 238, 253</p>	
<p>f</p>		<p>Engine 274 in model 204.3, 207, 212</p>	<p>■ Opening engine hood, moving to upright position and closing</p>
		<p>i Engine 274 in model 204.3, 207, 212 with code U60 (Active Bonnet (Pedestrian protection)) Moving the engine hood to the vertical position: Left and right tensioning lever at top must be removed from left and right hinge.</p>	
<p>✘</p>	<p>Remove</p>		
<p>2</p>	<p>Remove ignition coils</p>		
<p>f</p>		<p>Engine 274 in model 172</p>	<p>■ Remove/install</p>

			ignition coils
f		Engine 274 in model 204, 207	 Remove/install ignition coils
f		Engine 274.9 in model 205, 253	 Remove/install ignition coils
f		Engine 274 in model 212, 218	 Remove/install ignition coils
f		Engine 274.9 in model 213, 238	 Remove/install ignition coils
	Clean		
3	Blow out any dirt residue in the spark-plug recesses using compressed air	 Record plug	*129589009100
		 Set of protective covers	*001589019100
	Remove		
4	Using spark plug wrench (01) unscrew spark plugs (1) from cylinder head	 Spark plug wrench	*278589000900
	Install		
5	Using spark plug wrench (01) screw spark plugs (1) into cylinder head	 Spark plug to cylinder head	*BA15.10-P-1001-01C
		 Spark plug wrench	*278589000900
	Check		
6	Check spark plug connector (2), ignition coils and ignition lines for damage, deformation and crack formation	If there is a problem	
		↓	
		Rectify problem subject to separate repair order.	
	Install		
7	Apply coating of spark plug connector grease to sealing lips (3) of spark plug connectors (2) before installation	Spark plug connector grease	*BR00.45-Z-1102-06A
8	Install ignition coils		
f		Engine 274 in model 172	 Remove/install ignition coils
f		Engine 274 in model 204, 207	 Remove/install ignition coils
f		Engine 274.9 in model 205, 253	 Remove/install ignition coils
f		Engine 274 in model 212, 218	 Remove/install ignition coils
f		Engine 274.9 in model 213, 238	 Remove/install ignition coils
	Finishing activity		

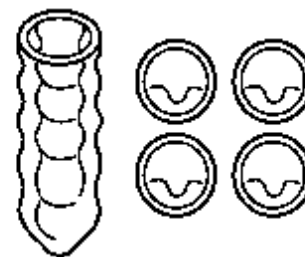
9	Close engine hood	Engine 274 in model 172, 204, 205, 207, 212, 213, 218, 238, 253	
f		Engine 274 in model 204.3, 207, 212	■ Opening engine hood, moving to upright position and closing
		i Engine 274 in model 204.3, 207, 212 with code U60 (Active Bonnet (Pedestrian protection)) Close engine hood: The left and right tensioning lever at the top must be mounted onto the left and right hinge.	

Nm Spark plugs

Number	Designation		Engine 274
BA15.10-P-1001-01C	Spark plug to cylinder head	Nm	23

Set of protective covers

001 589 01 91 00



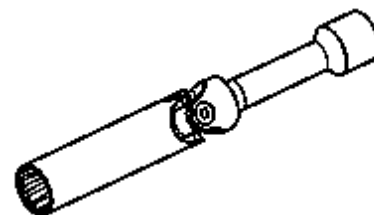
Record plug

129 589 00 91 00



Spark plug wrench

278 589 00 09 00



Repair materials

Number	Designation	Order number
BR00.45-Z-1102-06A	Spark plug connector grease	A 002 989 80 51