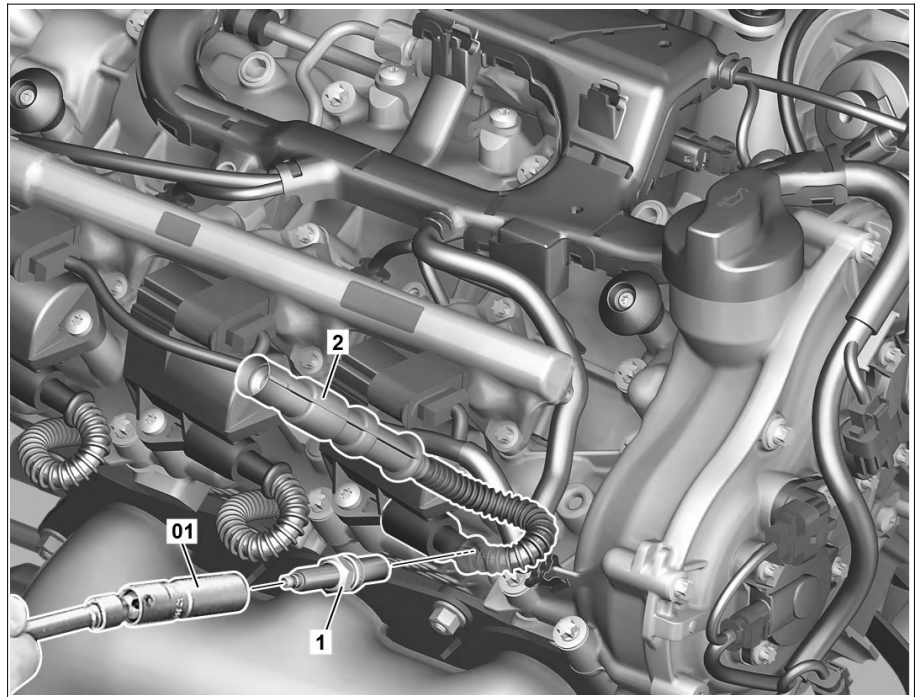


Engine 157, 272, 273, 276, 278 in model 212
 Engine 157, 276, 278 in model 218
 Engine 272, 273, 276, 278 in model 207

Shown on engine 272.983 in model 212.057

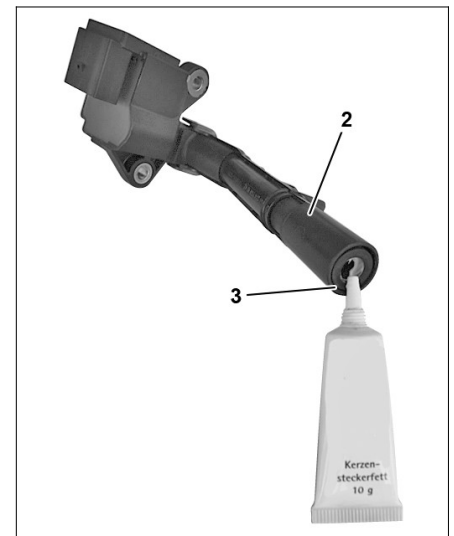
- 01 Spark plug wrench
- 1 Spark plug
- 2 Spark plug connector



P15.10-2349-06

Shown on ignition coil in engine 157.980



- 2 Spark plug connector
- 3 Sealing lip



P15.10-2579-02

<p> Warning</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>AS00.00-Z-0002-01A</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>AS15.10-Z-0001-01A</p>
	<p>Information on avoiding damage when replacing spark plugs</p>		<p>AH15.10-P-0002-02A</p>
<p>1 </p>	<p>Preparatory activity Open engine hood and raise to vertical position</p>	<p>Engine 157, 272, 273, 276, 278 in model 212 Engine 157, 276, 278 in model 218 Engine 272, 273, 276, 278 in model 207 Model 207 with engine 272, 273, 276, 278 Model 212 with engine 157, 272, 273, 276, 278</p>	<p>AR88.40-P-1000EW</p>

		<p>i Engine 157, 272, 273, 276, 278 in model 212 with code U60 (Active Bonnet (Pedestrian protection)) Engine 272, 273, 276, 278 in model 207 with code U60 (Active Bonnet (Pedestrian protection)) Moving the engine hood to the vertical position: Remove left and right clamping levers from upper left and right hinges.</p>	
	Remove		
2.1	Remove ignition coils	<p>Engine 157, 272 (except 272.983), 273, 276, 278 in model 212 Engine 157, 276, 278 in model 218 Engine 272 (except 272.982/984), 273, 276, 278 in model 207 Engine 157, 276, 278 in model 212, 218 Engine 272 (except 272.982/984), 273 in model 207 Engine 272 (except 272.983), 273 in model 212 Engine 276, 278 in model 207</p>	<p>AR15.12-P-2003EL AR15.12-P-2003CV AR15.12-P-2003EW AR15.12-P-2003FH</p>
2.2	Detach spark plug connector (2) from spark plug (1)	<p>Engine 272.982/984 in model 207 Engine 272.983 in model 212</p> <p> Puller</p>	<p>AR15.12-P-1010-01CDE *272589013300</p>
	Clean		
3	Blow out any dirt residue in the spark-plug recesses using compressed air	<p> Record plug Set of protective covers</p>	<p>*129589009100 *001589019100</p>
	Remove		
4	Unscrew spark plugs (1) using spark plug wrench (01) from cylinder heads	<p> Engine 157, 276, 278 in model 212 Engine 157, 276, 278 in model 218 Engine 276, 278 in model 207 Spark plug wrench Engine 272, 273 in model 207, 212 Spark plug wrench</p>	<p>*278589000900 *112589010900</p>
	Install		
5	Screw new spark plugs (1) tightly into cylinder heads using spark plug wrench (01)	<p>Nm Spark plug to cylinder head Engine 157, 276, 278 in model 212 Engine 157, 276, 278 in model 218 Engine 276, 278 in model 207 Spark plug wrench Engine 272, 273 in model 207, 212 Spark plug wrench</p>	<p>*BA15.10-P-1001-01C *278589000900 *112589010900</p>
	Check		
6	Check the spark plug connectors (2), ignition coils and ignition lines for damage, deformation and crack formation	<p>If there is a problem</p> <p style="text-align: center;">↓</p> <p>Rectify problem subject to separate repair order.</p>	
	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
8.1	Install ignition coils	<p>Engine 157, 272 (except 272.983), 273, 276, 278 in model 212 Engine 157, 276, 278 in model 218 Engine 272 (except 272.982/984), 273, 276, 278 in model 207 Engine 157, 276, 278 in model 212, 218 Engine 272 (except 272.982/984), 273 in model 207 Engine 272 (except 272.983), 273 in model 212 Engine 276, 278 in model 207</p>	<p>AR15.12-P-2003EL AR15.12-P-2003CV AR15.12-P-2003EW AR15.12-P-2003FH</p>
8.2	Attach spark plug connectors (2) to spark plugs (1)	<p>Engine 272.982/984 in model 207 Engine 272.983 in model 212</p> <p>i Align the ignition lines and pay attention to chafe-free routing.</p>	<p>AR15.12-P-1010-01CDE</p>
	Finishing activity		

<p>9</p> <p> AR</p>	<p>Close engine hood</p>	<p>Engine 157, 272, 273, 276, 278 in model 212 Engine 157, 276, 278 in model 218 Engine 272, 273, 276, 278 in model 207 Engine 157, 272, 273, 276, 278 in model 212 Engine 272, 273, 276, 278 in model 207  Engine 157, 272, 273, 276, 278 in model 212 with code U60 (Active Bonnet (Pedestrian protection)) Engine 272, 273, 276, 278 in model 207 with code U60 (Active Bonnet (Pedestrian protection)) Close engine hood: Mount left and right clamping levers onto upper left and right hinges.</p>	<p>AR88.40-P-1000EW</p>
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 Spark plugs

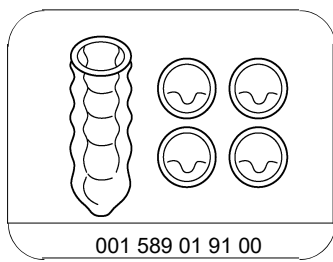
Number	Designation	Engine 157	Engine 272
BA15.10-P-1001-01C	Spark plug to cylinder head	Nm 23	23

 Spark plugs

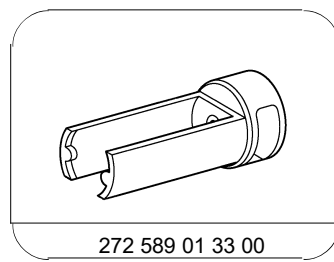
Number	Designation	Engine 273	Engine 276
BA15.10-P-1001-01C	Spark plug to cylinder head	Nm 23	23

 Spark plugs

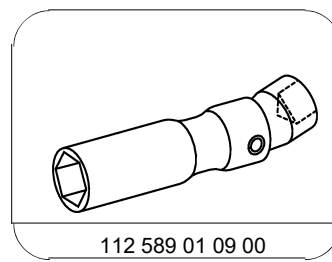
Number	Designation	Engine 278
BA15.10-P-1001-01C	Spark plug to cylinder head	Nm 23



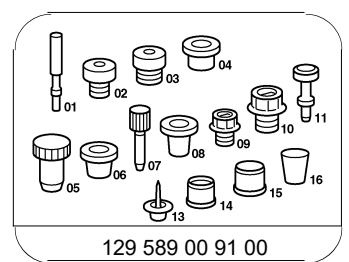
Set of protective covers



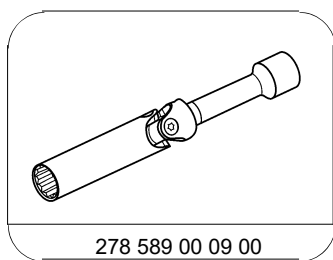
Puller



Spark plug wrench



Record plug



Spark plug wrench

Repair materials

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