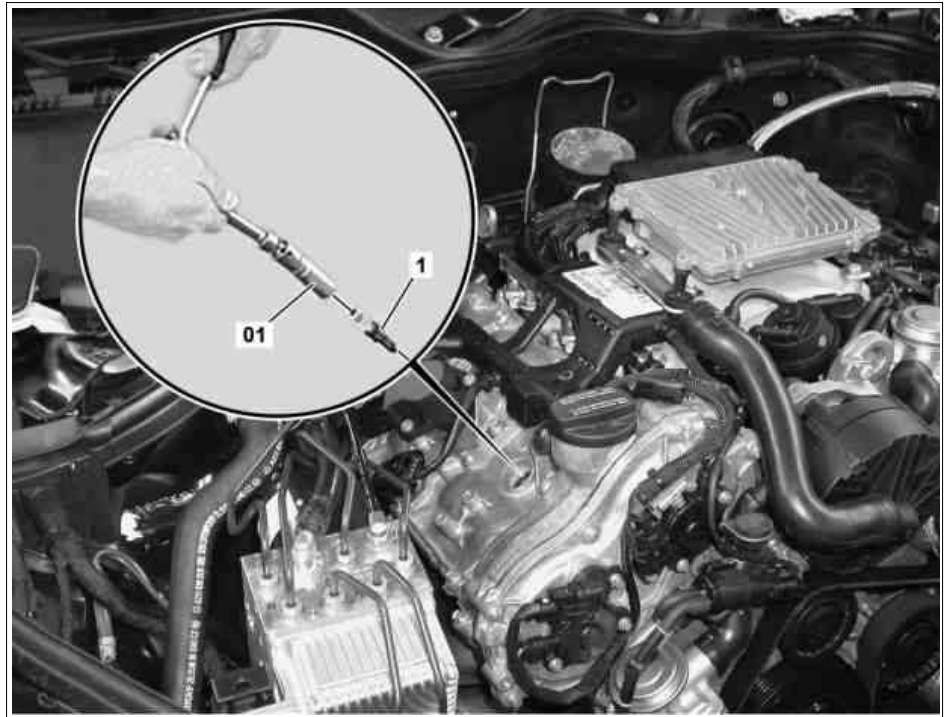


Engine 272, 276 in model 204

Shown on engine 272 (except 272.982/984)

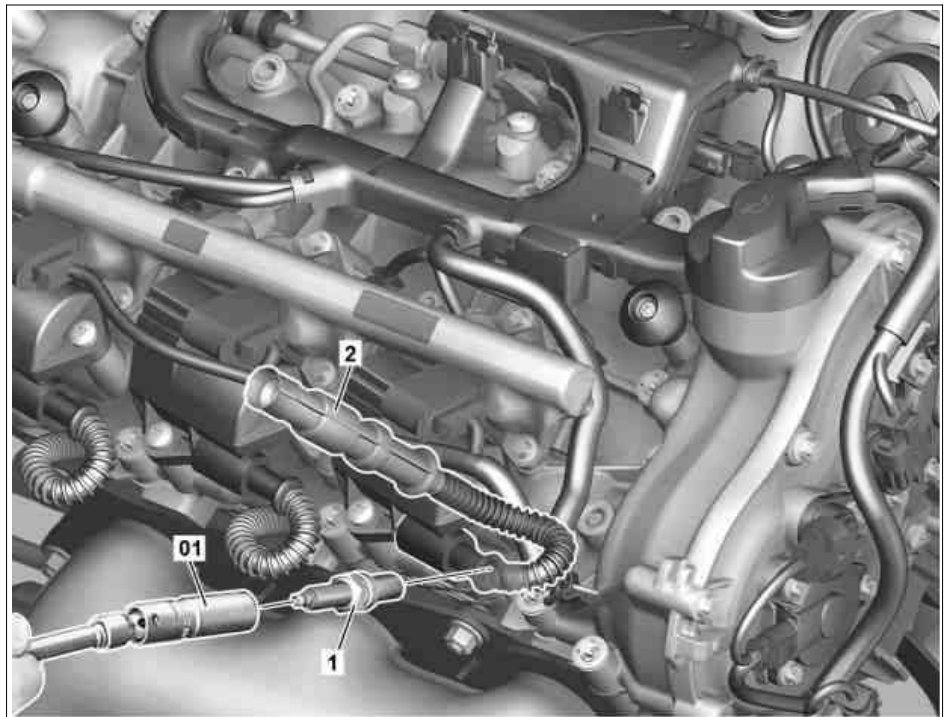
- 01 Spark plug wrench
- 1 Spark plug



P15.10-2147-06

Shown on engine 272.982/984

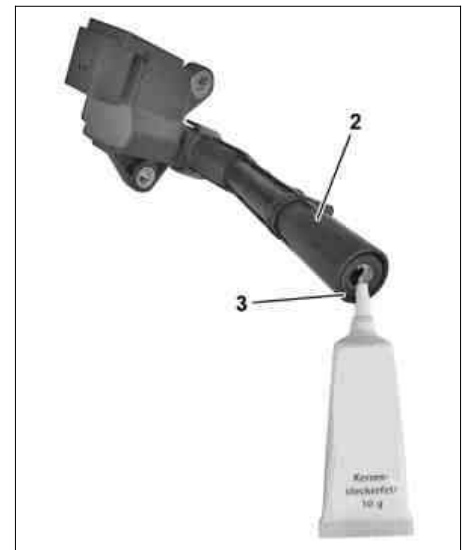
- 01 Spark plug wrench
- 1 Spark plug
- 2 Spark plug connector



P15.10-2349-06

Shown on ignition coil in engine 157.980

- 2 Spark plug connector
- 3 Rubber lip



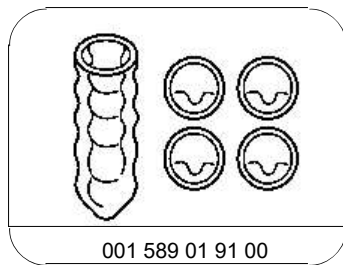
P15.10-2579-02

<b>Danger!</b>	<b>Risk of injury.</b> 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
<b>Danger!</b>	<b>Risk of death</b> 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) may not perform any work on the ignition system.	AS15.10-Z-0001-01A
	Information on avoiding damage when replacing spark plugs		AH15.10-P-0002-02A
	<b>Preparatory activity</b>		
1 	Open engine hood and raise to vertical position	model 204 Model 204.3 Model 204.3 with code U60 (Active engine hood (pedestrian protection)) <b>Moving the engine hood to the vertical position:</b> Detach left and right clamping levers at the upper left and right hinges.	AR88.40-P-1000EW
	<b>Remove</b>		
2.1  	Remove ignition coils	Engine 272 (except 272.982/984), 276 Engine 272 (except 272.982/984) Engine 276	AR15.12-P-2003CV AR15.12-P-2003FH
2.2	Detach spark plug connectors (2) from spark plugs (1)	Engine 272.982/984 Puller	*272589013300
	<b>Clean</b>		
3	Blow out any dirt residue in the spark-plug recesses using compressed air	Record plug Set of protective covers	*129589009100 *001589019100
	<b>Remove</b>		
4	Remove spark plugs (1) using spark plug wrench (01) from cylinder heads	Motor 272 Spark plug wrench Motor 276 Spark plug wrench	*112589010900 *278589000900
	<b>Install</b>		
5	Screw new spark plugs (1) using spark plug wrench (01) into cylinder heads	Spark plug to cylinder head Motor 272 Spark plug wrench Motor 276 Spark plug wrench	*BA15.10-P-1001-01C *112589010900 *278589000900
	<b>Check</b>		
6	Check spark plug connector (2), ignition coils and ignition lines for damage, deformation and crack formation	If there are problems:	

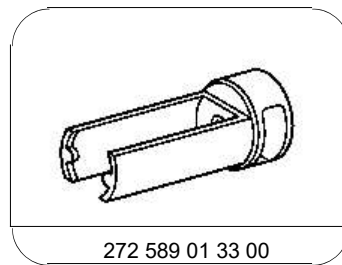
		↓	
		Rectify problem subject to separate repair order.	
	<b>Install</b>		
7	Grease rubber lips (3) of spark plug connectors (2) using spark plug connector grease before installation	Spark plug connector grease	*BR00.45-Z-1102-06A
8.1 	Install ignition coils	Engine 272 (except 272.982/984), 276 Engine 272 (except 272.982/984) Engine 276	AR15.12-P-2003CV AR15.12-P-2003FH
8.2	Attach spark plug connectors (2) to spark plugs (1)	Engine 272.982/984  Align the ignition lines and pay attention to chafe-free routing.	
	<b>Finishing activity</b>		
9 	Close engine hood	model 204 Model 204.3 Model 204.3 with code U60 (Active engine hood (pedestrian protection)) <b>Close engine hood:</b> Mount left and right clamping levers at the upper left and right hinges.	AR88.40-P-1000EW

Spark plugs

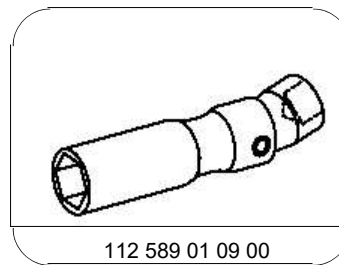
Number	Designation		Engine 272	Engine 276
BA15.10-P-1001-01C	Spark plug to cylinder head	Nm	23	23



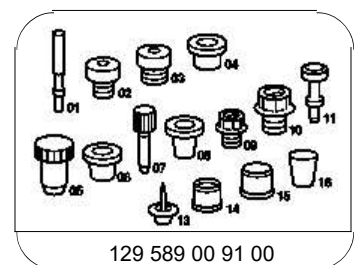
Set of protective covers



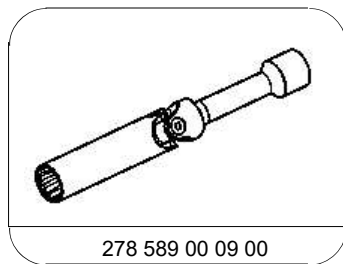
Puller



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