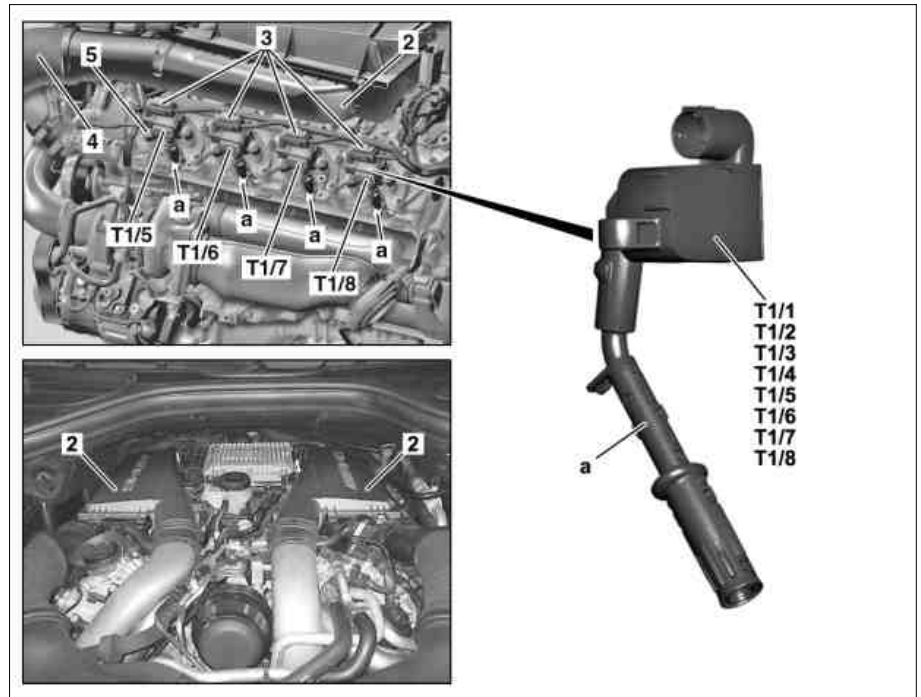


## ENGINES 157, 278 in MODEL 166

Shown on LH cylinder head on engine  
157

- 2 Air cleaner housing  
 3 Connector  
 5 Screw/bolt  
 a Spark plug connector  
 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  
 T1/7 Cylinder 7 ignition coil  
 T1/8 Cylinder 8 ignition coil



P15.12-2155-06

	<b>Remove/install</b>		
<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 wear electronic implants (e.g. heart pacemakers) should never perform any work on the ignition system	AS15.10-Z-0001-01A
<b>Danger!</b>	<b>Risk of injury</b> to skin and eyes caused by handling hot or glowing objects.	Wear safety gloves, protective clothing and safety glasses, if necessary.	AS00.00-Z-0002-01A
	Notes on avoiding damage to ignition system		AH15.10-P-0002-01V
		The ignition coil (T1/1 to T1/8) and spark plug connector (a) each create a unit and can therefore only be removed and exchanged together.	
1	Switch off ignition		
2	Remove upper engine covers		
3	Remove both engine air intake ducts upstream of air filter and the air filter housing (2)		
4	Remove insulation on rail		
5	Disconnect connector (3) from ignition coils (T1/1 to T1/8)		
6	Remove bolts (5) of ignition coils (T1/1 to T1/8)		*BA15.10-P-1001-04A
7	Remove ignition coils (T1/1bis T1/8) with spark plug connectors (a) upwards and out		
	<b>Checking</b>		
8	Check ignition coils (T1/1bis T1/8) and spark plug connectors (a) for damage and replace if necessary		
9	Install in the reverse order		
10	Read out fault memory with STAR DIAGNOSIS and erase if necessary		AD00.00-P-2000-04A

## Ignition coil

Number	Designation	Engine 157	Engine 278

BA15.10-P-1001-04A	Screw/bolt, ignition coil to cylinder head cover	Nm	9	9
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