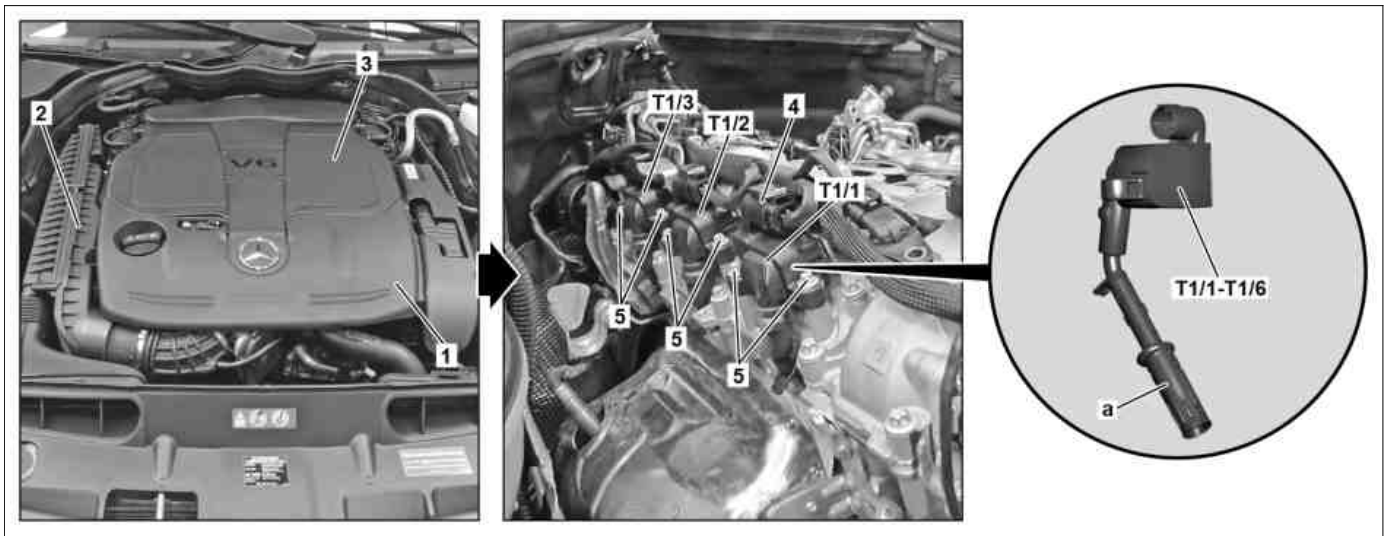


ENGINE 157, 276, 278 in MODEL 212, 218




P15.12-2142-08

Shown on engine 276.9

1	Front engine cover	5	Screw/bolts	T1/3	Cylinder 3 ignition coil
2	Air filter housing	a	Spark plug connector	T1/4	Cylinder 4 ignition coil
3	Resonance intake manifold	T1/1	Cylinder 1 ignition coil	T1/5	Cylinder 5 ignition coil
4	Connector	T1/2	Cylinder 2 ignition coil	T1/6	Cylinder 6 ignition coil

	Remove/install		
Danger !	Risk of injury caused by fingers being jammed or pinched when removing, installing or aligning hoods, doors, trunk lid/rear-end door or sliding roof.	No parts of the body or limbs should be within the operating area when the components are moving.	AS00.00-Z-0011-01A
Danger !	Risk of death 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) should never perform any work on the ignition system.	AS15.10-Z-0001-01A
Danger !	Risk of injury . 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
	Notes on avoiding damage to ignition system		AH15.10-P-0002-01V
1	Switch off ignition		
2.1	Remove front engine cover (1) and resonance intake manifold (3)	ENGINE 276.9	
2.2	Remove upper engine covers	ENGINE 276.8, 278	
3.1	Remove both engine air intake ducts upstream of air filter and air filter housing	ENGINE 276.8, 278	
3.2	Remove air filter housing (2)	ENGINE 276.8 ENGINE 276.9 Bolt, air filter to cylinder head cover Bolt, air filter to air intake pipe support brace	AR09.10-P-1150ELS *BA09.10-P-1001-01M *BA09.10-P-1002-01M
4	Remove insulation on rail	Engine 276 if present, engine 278	
5	Detach connector (4) on ignition coils (T1/1 to T1/6 or T1/1 to T1/8)		
6	Remove screw/bolts (5) of ignition coils (T1/1 to T1/6 and T1/1 to T1/8)	Bolt, ignition coil to cylinder head cover	*BA15.10-P-1001-04A
7	Pull off ignition coils (T1/1 to T1/6 and T1/1 to T1/8) with spark plug connectors (a) upwards and out	The ignition coils (T1/1 to T1/6 or T1/1 to T1/8) and the spark plug connector (a) create a unit and can therefore only be removed and replaced together.	
	Check		

8	Check ignition coils (T1/1 to T1/6 or T1/1 to T1/8) and spark plug connector (a) for damage and replace if necessary		
9	Install in the reverse order		
10	Read out fault memory using the diagnostic system and clear if necessary		
 AD			AD00.00-P-2000-04A

 Ignition coil

Number	Designation		ENGINE 157	ENGINE 276
BA15.10-P-1001-04A	Bolt, ignition coil to cylinder head cover	Nm	9	9

 Ignition coil

Number	Designation		ENGINE 278
BA15.10-P-1001-04A	Bolt, ignition coil to cylinder head cover	Nm	9

 Air filter

Number	Designation		ENGINE 157	ENGINE 276.8
BA09.10-P-1002-01M	Bolt, air filter to air intake pipe support brace	Nm	–	–

 Air filter

Number	Designation		ENGINE 276.9	ENGINE 278
BA09.10-P-1002-01M	Bolt, air filter to air intake pipe support brace	Nm	9	–

 Air filter

Number	Designation		ENGINE 157	ENGINE 276.8
BA09.10-P-1001-01M	Bolt, air filter to cylinder head cover	Nm	–	–

 Air filter

Number	Designation		ENGINE 276.9	ENGINE 278
BA09.10-P-1001-01M	Bolt, air filter to cylinder head cover	Nm	9	–