

ENGINE 276.9 in MODEL 212, 218

Nm Housing

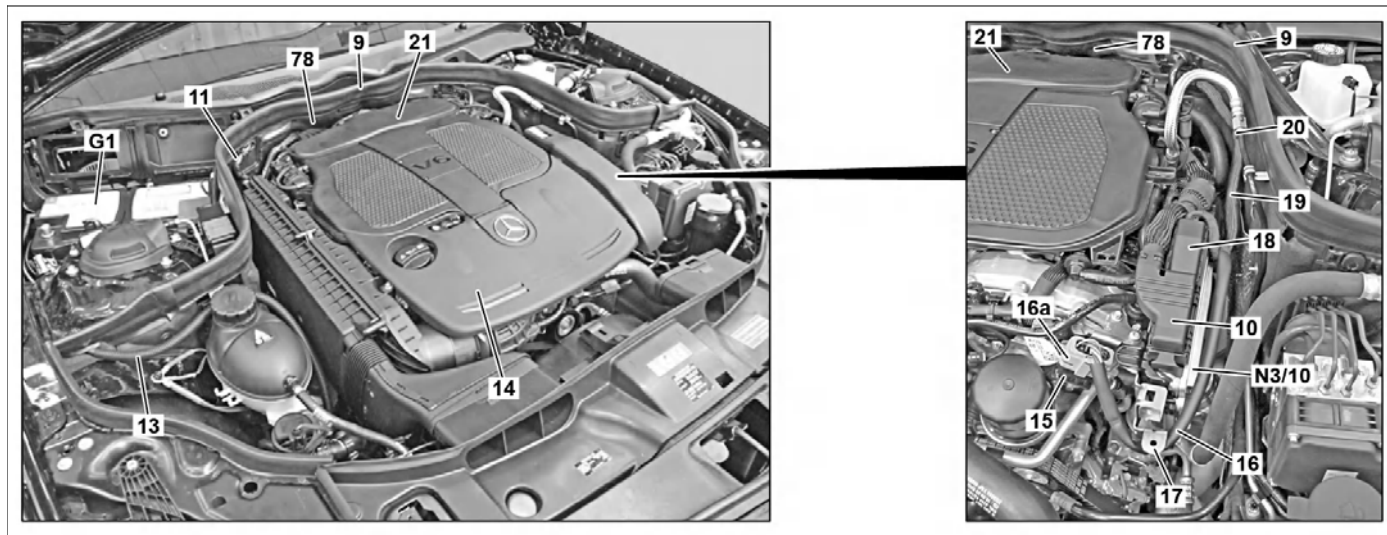
Number	Designation		TRANSMISSION 722.9
BA27.40-P-1014-01A	Bolt, heat shield to transmission housing	Nm	9

Nm Alternator

Number	Designation		ENGINE 276
BA15.40-P-1002-01F	Nut, circuit B+ to alternator	Nm	15

Nm Housing

Number	Designation		TRANSMISSION 722.9
BA27.40-P-1013-01A	Bolt, ground line to transmission housing	Nm	9



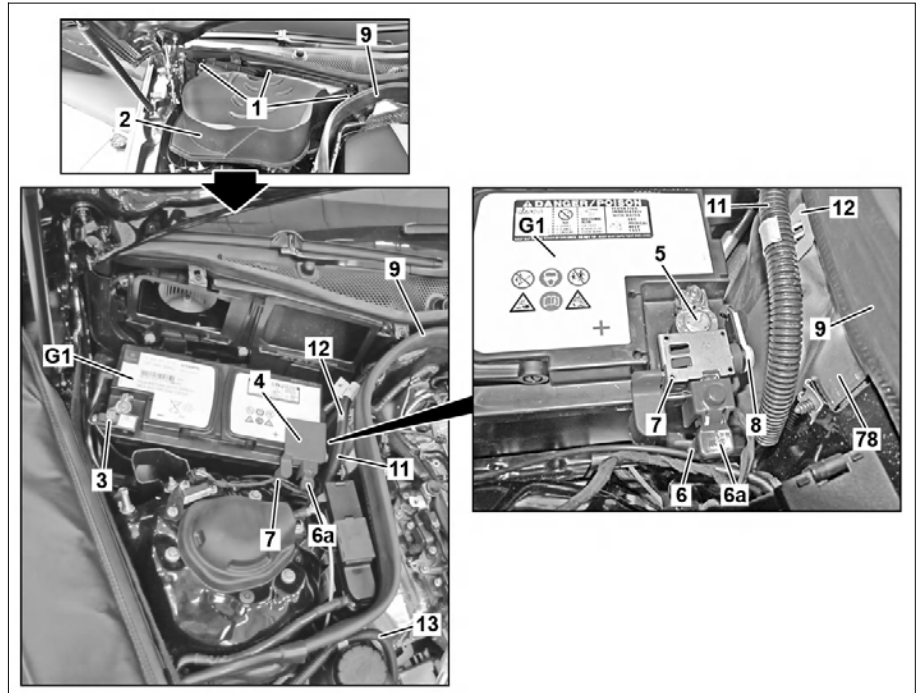
P01.00-3272-08

- 1 Remove air duct (2); unclip tension springs (1) to do this.
- 2 Detach ground line (3) from on-board electrical system battery (G1) and place to one side.

i Insulate connecting point for ground line (3) to avoid unintended contact of detached ground line (3) with the on-board electrical system battery (G1) ground point.

Only perform operation steps 3 to 22 for removal of the engine.

- 3 Detach cap (4) for positive battery terminal (5) from on-board electrical system battery (G1).
- 4 Detach protective cap (6a) from positive line (6).

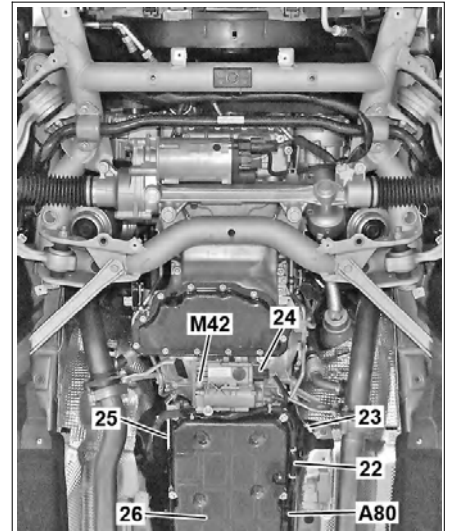


- 5 Detach positive line (6) from positive terminal clamp (7).
- 6 Detach positive terminal clamp (7) from positive battery terminal (5) at the on-board electrical system battery (G1).
- 7 Detach electrical connection (8) from positive terminal clamp (7).
- 8 Detach weatherstrip (9) from suspension strut tower and center section of the bulkhead (78) and remove.
- 9 Unclip electrical line (11) from retaining clamp (12).
- 10 Unclip electrical line (11) from center section of the bulkhead (78).
- 11 Unclip bracket for the electrical line (11) on center section of the bulkhead (78) and lay aside electrical line (11) on the engine.

- 12 Detach electrical line (13) from alternator **Nm**.
- 13 Remove upper engine cover (14).
- 14 Detach electrical connection (16a) from cylinder head cover and disconnect from connector (15).
- 15 Detach electrical line (16) from bracket (17) for the ME-SFI [ME] control unit (N3/10).
- 16 Disconnect electrical connections (10, 18) on ME-SFI control unit (N3/10).
- 17 Detach retaining clamp (20) from suspension strut tower and set electrical wiring harness (19) aside.

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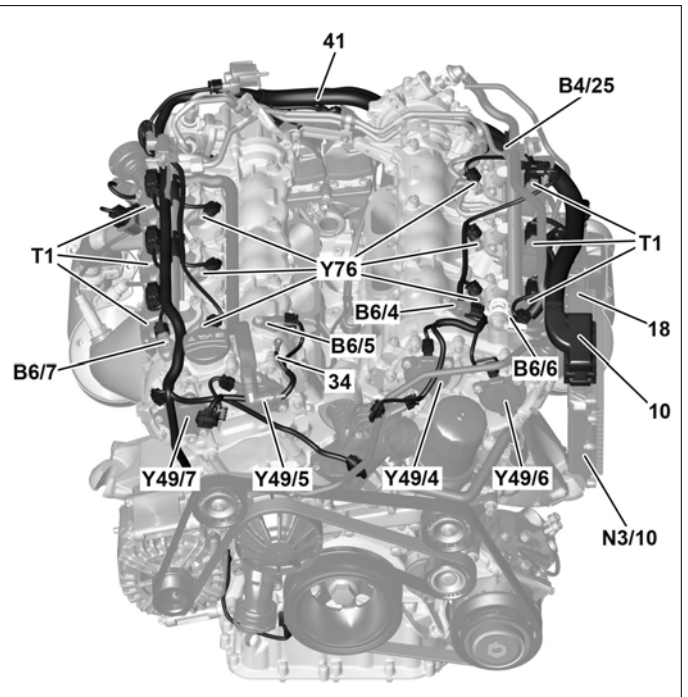
- 18 Disconnect electrical line (22) from intelligent servo module for DIRECT SELECT (A80).
- 19 Disconnect electrical connection (24) on electric transmission oil pump (M42).
- 20 Detach ground line (23) from transmission (26). TRANSMISSION 722.9 Nm
- 21 Detach shield (25) from transmission (26) and disconnect electrical connection on electric controller unit. TRANSMISSION 722.9 Nm
- 22 Unclip electrical line (22) on transmission (26) and set aside.



P01.00-3274-02

Only perform operation steps 23 to 30 for removal of cylinder head covers or rails.

- 23 Remove center section of the bulkhead (78).
- 24 Disconnect electrical connections on LH intake camshaft solenoid (Y49/4) and on LH exhaust camshaft solenoid (Y49/6) or RH intake camshaft solenoid (Y49/5) and on RH exhaust camshaft solenoid (Y49/7).
- 25 Disconnect electrical connections on LH intake camshaft Hall sensor (B6/4) and on LH exhaust camshaft Hall sensor (B6/6) or RH intake camshaft Hall sensor (B6/5) and on LH exhaust camshaft Hall sensor (B6/7).
- 26 Disconnect electrical connections at the ignition coils (T1).



P01.00-3279-12

- 27 Disconnect electrical connections to fuel injectors (Y76).
- 28.1 Disconnect connector on fuel pressure and temperature sensor (B4/25).

During removal of the left cylinder head cover or left rail. When removing the right cylinder head cover or right rail.
- 28.2 Detach ground line (34) from cylinder head cover.
- 29 Detach engine wiring harness (41) on the rail.

i Installation: Ensure correct seating of the holding clip (33) on the rail.

- 30 Lay engine wiring harness (41) aside.

