


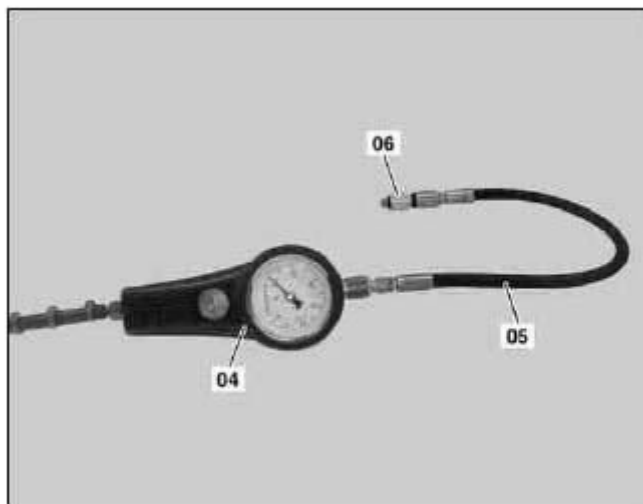
Fig. 19: Identifying Screw-In Fitting (270 589 01 91 00)

Courtesy of MERCEDES-BENZ OF NORTH AMERICA.

1. Calibrate cylinder leakage tester (04).


Cylinder leakage tester, see GOTIS:<http://gotis.aftersales.daimlerchrysler.com>

2.  Screw threaded adapter (06) to high-pressure testing hose (05).



P01.00.2494-11

Fig. 20: Identifying Cylinder Leakage Tester, Threaded Adapter & High-Pressure Testing Hose
Courtesy of MERCEDES-BENZ OF NORTH AMERICA.

3.  Turn threaded adapter (06) with high-pressure testing hose (05) in tapped bore for spark plug.
4. Mount high-pressure testing hose (05) on cylinder leakage tester (04).

Shown on engine 272.963

2010 Mercedes-Benz C63

ENGINE Complete Engine - C63 (204.077)



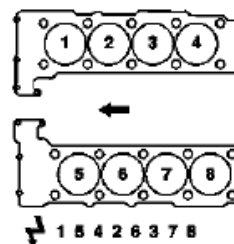
P01.00-2493-11

Fig. 21: Identifying High-Pressure Testing Hose & Cylinder Leakage Tester
Courtesy of MERCEDES-BENZ OF NORTH AMERICA.

Firing order - AR01.00-P-1300-03SLR

Firing order

Firing order



P01.00-2402-01

Fig. 22: Identifying Firing Order
Courtesy of MERCEDES-BENZ OF NORTH AMERICA.

DISCONNECT/CONNECT ENGINE WIRING HARNESS - AR01.00-P-2410CMG

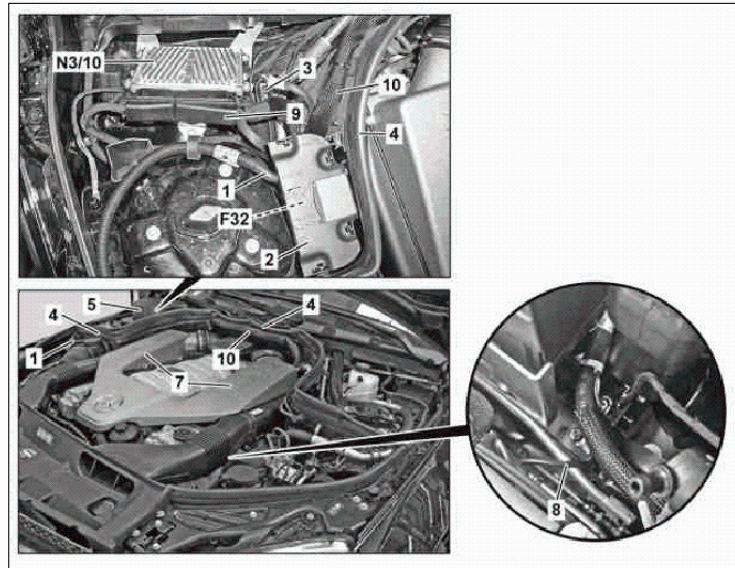
ENGINE 156 in MODEL 204

2010 Mercedes-Benz C63

ENGINE Complete Engine - C63 (204.077)

- 1 Positive line
- 2 Cover
- 3 Electrical connector
- 4 Rubber seal
- 5 Air duct housing
- 7 Air filter housing
- 8 Ground line
- 9 Engine plug
- 10 Engine wiring harness

F32 Front electrical prefuse box
N3/10 ME-SFI [ME] control unit



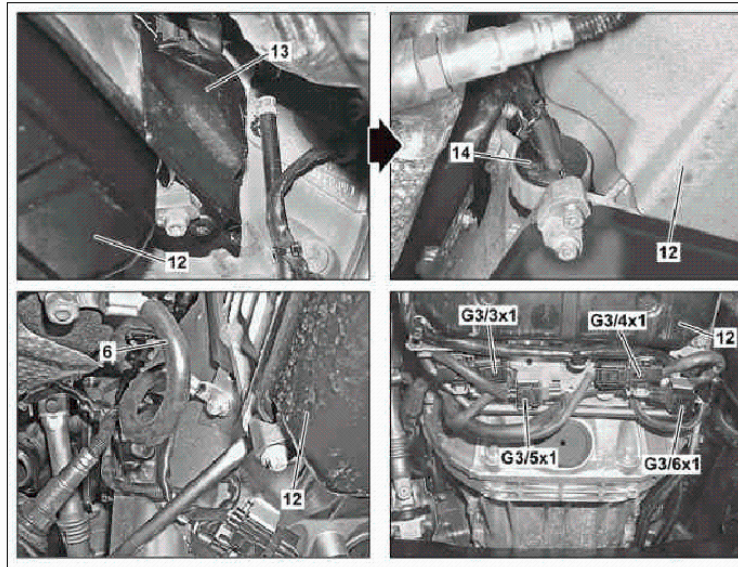
P01.00-3020-06

Fig. 23: Identifying Front Electrical Prefuse Box, ME-SFI [ME] Control Unit, And Peripheral Components

Courtesy of MERCEDES-BENZ OF NORTH AMERICA.

- 6 Ground line
- 12 Transmission
- 13 Shield
- 14 Electronic transmission control connector

- G3/3x1 Electrical connector for left oxygen sensor upstream of catalytic converter
- G3/4x1 Electrical connector for right oxygen sensor upstream of catalytic converter
- G3/5x1 Electrical connector for left oxygen sensor downstream of catalytic converter
- G3/6x1 Electrical connector for right oxygen sensor downstream of catalytic converter



P01.00-3019-06

Fig. 24: Identifying Ground Line And Electrical Connectors

Courtesy of MERCEDES-BENZ OF NORTH AMERICA.

⊗ ⊗	Remove/install		
Ⓢ	Risk of death caused by vehicle slipping or toppling off the lifting	Align vehicle between columns of vehicle lift and position four support	AS00.00-Z-0010-01A

2010 Mercedes-Benz C63

ENGINE Complete Engine - C63 (204.077)

	platform.	plates at vehicle lift support points specified by vehicle manufacturer.		
1		Detach ground line from battery Notes on battery	AR54.10-P-003CW AH54.10-P-0001-01A	
2		Remove air filter housing (7)	AR09.10-P-1150CMG	
3	Remove air duct housing (5) from the right radiator tank	Installation: Ensure proper seating of the rubber seal (4). Installation: Pay attention to the correct and unstressed routing of the engine wiring harness (10)		
4	Detach rubber seal (4) from splash wall and radiator tank			
5	Detach cover (2) of front prefuse box (F32)			
6	Detach positive line (1) from the front prefuse box (F32)			
7	Unclip positive line (1), disconnect cable ties and place on engine			
8				Detach engine plug (9) at ME-SFI [ME] control unit (N3/10)
9	Disconnect electrical connector (3)			
10	Unclip engine wiring harness (10) at the right radiator tank and at the splash wall and place on engine			
11	Detach ground line (8) at the left frame			
12	Raise vehicle and remove lower engine compartment paneling			
13	Unclip and separate electrical connectors for oxygen sensors (G3/3x1, G3/4x1, G3/5x1, G3/6x1) from the brackets at the transmission (12)			
14	Detach shield (13) from transmission (12)		AR27.40-P-0700-01CW *BA22.10-P-1014-01A /	