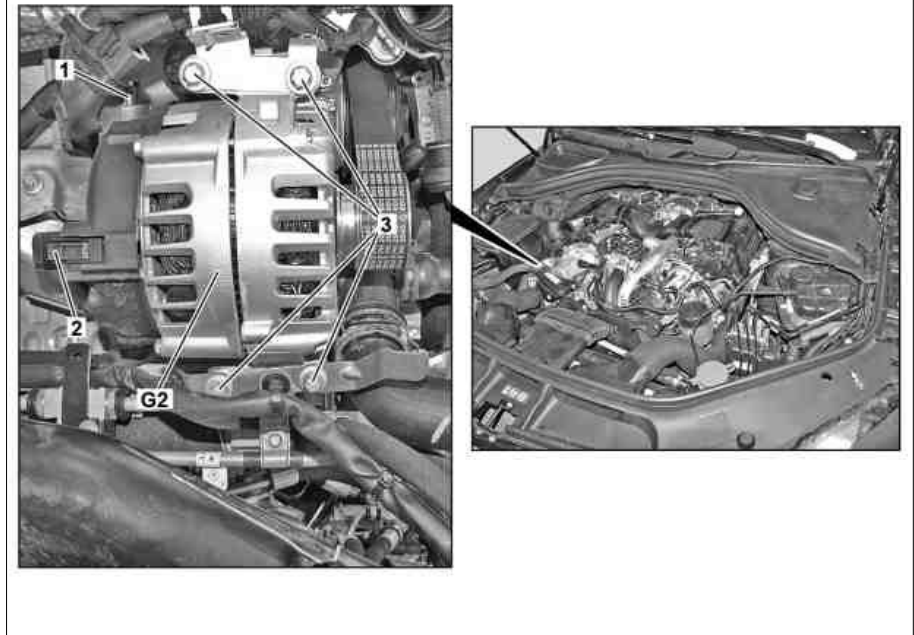


Engine 642 in model 166, 292

Shown on model 166

- 1 Electrical line
 2 Electrical connector
 3 Bolts
 G2 Alternator



P15.40-2588-06

	Remove/install		
1	Detach ground line from battery Notes on battery		AR54.10-P-0003GZ AH54.10-P-0001-01A
2	Remove upper engine cover	i Installation: Ensure correct seating of the engine cover.	
3	Remove right engine air intake duct upstream of left air filter		
4	Remove charge air hose downstream of the charge air cooler		AR09.41-P-8625OGR
5	Partially remove poly-V belt	i Only remove poly-V belt from belt pulley on alternator (G2).	AR13.20-P-0001OGR
6	Remove screw/bolts (3) on alternator (G2)	Nm Screw/bolt, alternator to timing case cover	*BA15.40-P-1001-01D
7	Detach electrical line (1)	i To do this pull the alternator (G2) with attached electrical lines to the front. Nm Nut, circuit B+ to alternator	*BA15.40-P-1002-01D
8	Disconnect electrical connection (2)		
9	Take alternator (G2) upwards and out		
10	Install in the reverse order		
11	Risk of accident from vehicle starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running. Carry out an engine test run	Secure vehicle to prevent it from starting off by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A

Nm Alternator

Number	Designation	Engine 642
BA15.40-P-1001-01D	Screw/bolt, alternator to timing case cover	Nm 20

Nm Alternator

Number	Designation	Engine 642

BA15.40-P-1002-01D	Nut, circuit B+ to alternator	Nm	15
--------------------	-------------------------------	----	----