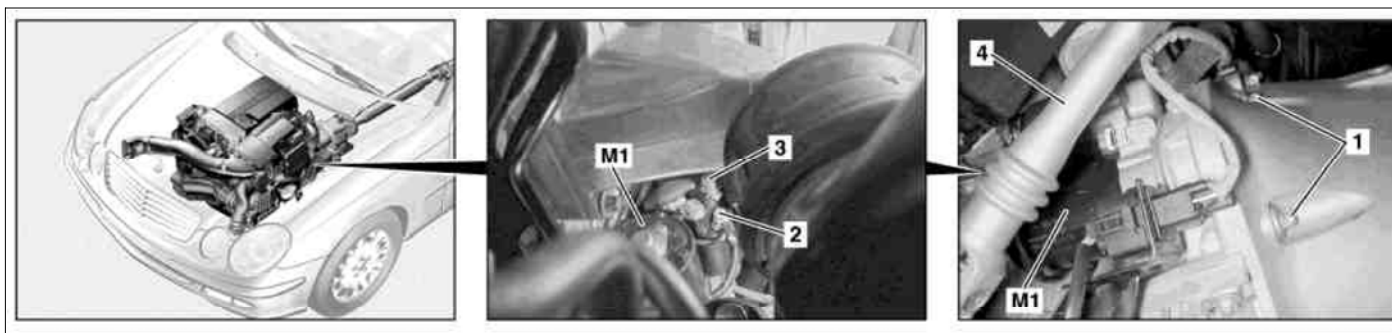


ENGINE 271.941 in MODEL 211.042 /242



P15.30-2110-07

- 1 Bolts
2 Electrical connection circuit 50
3 Electrical connection circuit 30
4 Steering coupling
M1 Starter

Modification notes

3.9.03	Check ring gear, newly recorded	Stage 7	
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	Remove/Install		
Danger!	Risk of explosion caused by explosive gas. Risk of poisoning and caustic burns caused by swallowing battery electrolyte. Risk of injury caused by burns to skin and eyes from battery acid or when handling damaged lead-acid batteries	No fire, sparks, open flames or smoking. Wear protective gloves, acid-resistant clothing and safety glasses. Pour battery electrolyte only into suitable and appropriately marked containers.	AS54.10-Z-0001-01A
Danger!	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between the columns of the hydraulic hoist and position the four support plates below the hoist support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
1	Dismount ground line to the battery	Do not connect quiescent current retention unit. Risk of short circuit! Model 211.0 Model 211.2	AR54.10-P-0003T AR54.10-P-0003TA AH54.10-P-0001-01A
	Notes on battery		
2	Detach lower engine compartment paneling		AR61.20-P-1105T
3	Unscrew screws (1)		*BA15.30-P-1003-01A
4	Dismount electrical connection circuit 50 (2)		*BA15.30-P-1002-01A
5	Dismount electrical connection circuit 30 (3)		*BA15.30-P-1001-01A
6	Take starter (M1) down and out	For removal of starter (M1) the steering coupling (4) must not be removed.	
7.1	Check ring gear at flywheel for wear and damage	When replacing the starter on vehicles fitted with manual transmission Rotate engine at the crankshaft in direction of rotation.	
7.2	Check ring gear on the drive plate for wear and damage	When replacing the starter on vehicles fitted with automatic transmission Rotate engine at the crankshaft in direction of rotation.	
8	Install in the reverse order		
9	Perform function check		
10	Render electrical system operational	See # Perform basic programming	AR00.19-P-0200T
11	Read diagnostic trouble code memory and erase	When the work is complete stored faults must be worked on in the diagnostic trouble code memories and erased.#	
		Connect STAR DIAGNOSIS, interrogate fault memory	AD00.00-P-2000-04A

Number	Designation	Engine 271
BA15.30-P-1001-01A	Nut of connection of circuit 30 Nm	14
BA15.30-P-1002-01A	Nut of connection circuit 50 Nm	6
BA15.30-P-1003-01A	Bolt of starter to crankcase Nm	40