

Engine 157, 278 in model 212, 218

Engine 278 in model 207

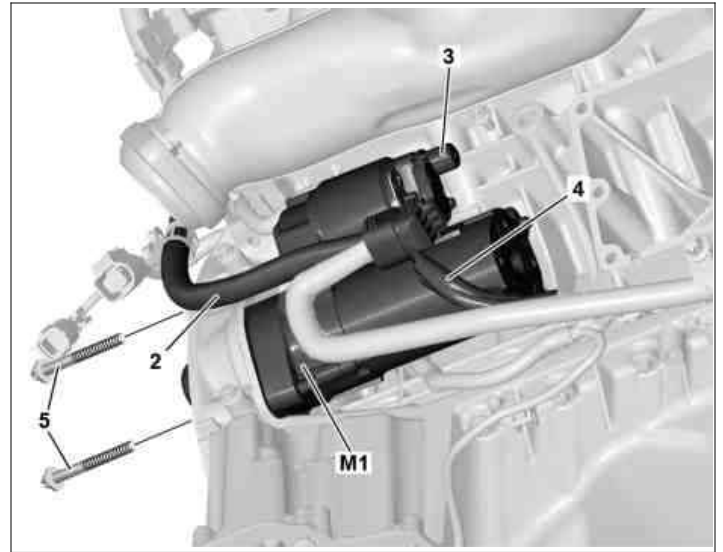
2 Electrical line, terminal 30

3 Contact protection



4 Electrical line, terminal 50







5 Bolts

M1 Starter



P15.30-2314-11

	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between vehicle lift columns and position the four support plates at the vehicle lift support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
⚠ Warning	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
⚠ Caution	Risk of injury caused by scraping or cutting body parts on sharp vehicle parts	Always wear protective gloves when working on or near sharp and non-deburred vehicle parts. Deburr repair panels.	AS00.00-Z-0017-01A
	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
⊠ ⊠	Remove/install		
1	Deactivate easy entry/exit feature	Engine 157 in model 212, 218 with transmission 722.97 with code 275 (Memory package) Engine 278 in model 212, 218 with transmission 722.96 with code 275 (Memory package) Engine 278 in model 218 with transmission 725.041/045 with code 275 (Memory package) Engine 278 in model 218 with transmission 725.051 with code 275 (Memory package)	
2	Turn front wheels to straight-ahead position and fix steering wheel in place with holding device	Engine 157 in model 212, 218 with transmission 722.97 Engine 278 in model 212, 218 with transmission 722.96 Engine 278 in model 218 with transmission 725.041/045 Engine 278 in model 218 with transmission 725.051  Steering wheel must not be turned when steering coupling is removed. Otherwise the clock spring contact will be destroyed.  Retainer device	*129589012100
3	Disconnect ground cable at battery Notes on battery		AR54.10-P-0003EW AH54.10-P-0001-01A

4	Remove lower engine compartment paneling		AR61.20-P-1105EW
5	Remove left catalytic converter	Engine 157 in model 212, 218 with transmission 722.97	AR49.10-P-7100EL
6	Remove steering coupling	Engine 157 in model 212, 218 with transmission 722.97 Engine 278 in model 212, 218 with transmission 722.96 Engine 278 in model 218 with transmission 725.041/045 Engine 278 in model 218 with transmission 725.051	AR46.10-P-8000EW
7	Remove heat shield over starter (M1)	 On vehicles with 4MATIC, starter (M1) is installed on left side of engine; on vehicles without 4MATIC, starter (M1) is installed on right side of engine.	
8	Pull off contact protection (3) and remove circuit 30 electrical line (2) from starter (M1)	 Nut, connection for terminal designation 30	*BA15.30-P-1001-01J
9	Remove circuit 50 electric line (4) from starter (M1)	 Nut, connection for terminal designation 50	*BA15.30-P-1002-01J
10	Unclip circuit 30 electrical line (2) from starter (M1) and crankcase		
11	Remove screws/bolts (5) of starter (M1)	 Bolt, starter to crankcase/transmission	*BA15.30-P-1003-01J
12	Remove starter (M1) from below		
13	Check ring gear at the drive plate for wear and damage	 Rotate engine at center Bolt, crankshaft in the direction of engine rotation.  Socket wrench bit In the case of complaints. ↓ Replace drive plate. Engine 157, 278 in model 212, 218	*001589650900 AR03.30-P-8001EL
14	Install in the reverse order		

 Starter

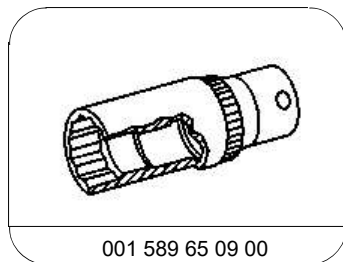
Number	Designation		Engine 157	Engine 278
BA15.30-P-1001-01J	Nut, connection for terminal designation 30	Nm	15	15

 Starter

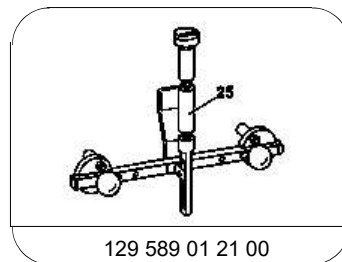
Number	Designation		Engine 157	Engine 278
BA15.30-P-1002-01J	Nut, connection for terminal designation 50	Nm	6	6

 Starter

Number	Designation		Engine 157	Engine 278
BA15.30-P-1003-01J	Bolt, starter to crankcase/transmission	Nm	40	40



Socket wrench bit



Retainer device