

Mercedes Benz C 250 Sedán 2013 (204.047) L4-1.8L Turbo (271.860)

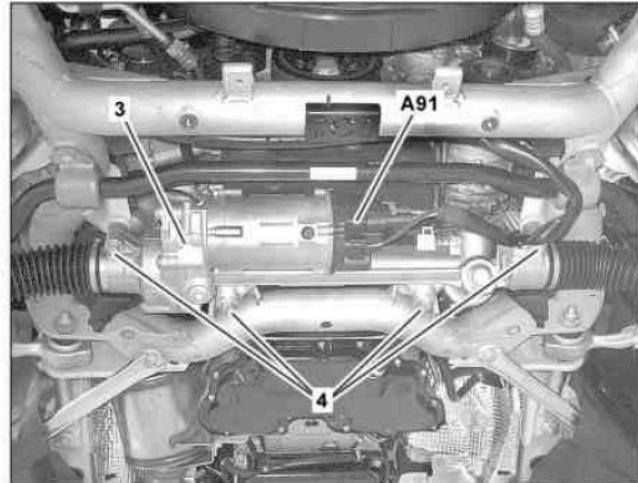
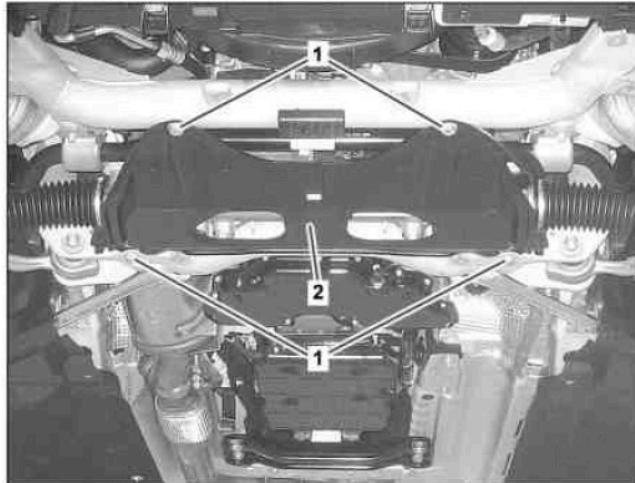
Vehículo > Dirección y suspensión > Dirección > Mecanismo de dirección > Servicio y reparación > Desmontaje y sustitución

AR46.20-P-0600EL Extracción/Instalación de la dirección de cremallera y piñón

MODELO 204, 207, 212

- con CÓDIGO 211 (sistema de dirección directa)

MODELO 218 1 Pernos 2 Panel de cubierta 3 Dirección asistida eléctrica 4 Pernos A91 Unidad de control electromecánico de la dirección asistida eléctrica 5 Pernos 6 Tornillo 7 Clip 8 Arnés de cableado eléctrico 221 589 05 33 00, Extractor 221 589 00 33 00, Extractor 171 589 00 34 00, Pieza de empuje 129 589 01 21 00, Dispositivo de retención 163 589 03 43 00, Prensa







	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
	Evaluating steering gear when repairing accident vehicles		AH46.20-P-9409-01A
	Remove/install		
1	Switch off ignition and remove transmitter key or KEYLESS-GO start/stop button from electronic ignition lock control unit	KEYLESS-GO start/stop button only with code (889) Keyless-Go	
2	Deactivate easy entry/exit function	Vehicles with code (275) Memory package for electrically adjustable front seats	
3	Turn steering wheel into center position (front wheels in straight-ahead position) and fix in position with retaining device	The steering wheel must not be turned when detaching steering coupling. Otherwise the clock spring contact will be destroyed. Retainer device	*129589012100
4 	Remove the front wheels	MODEL 212 with CODE 211 (Direct-Steer system) MODEL 218 MODEL 204, 207 with CODE 211 (Direct-Steer system)	AP40.10-P-4050EW AP40.10-P-4050CW
5.1	Remove center and rear section of lower engine compartment paneling	MODEL 204.0/2/3, 207, 212, 218 with gasoline engine	AR61.20-P-1105EW
5.2	Remove center and rear bottom sections of soundproofing	MODEL 204.0/2/3, 207, 212, 218 with diesel engine	AR94.30-P-5300EW
5.3	Remove center and rear section of lower engine compartment paneling	MODEL 204.9	AR61.20-P-1105CY
6	Remove tie rods from steering knuckles	Self-locking nut, tie rod to steering knuckle Press Thrust piece Puller Puller	AR46.40-P-0200-02CW *BA46.40-P-1001-01N *163589034300 *171589003400 *221589003300 *221589053300
7	Detach steering coupling from electric power steering (3)	MODEL 212 with CODE 211 (Direct-Steer system) MODEL 218 MODEL 204, 207 with CODE 211 (Direct-Steer system)	AR46.10-P-8000EW AR46.10-P-8000CW
8	Unscrew bolts (1) and remove cover panel (2)	MODEL 212 with CODE 211 (Direct-Steer system) except 4MATIC Bolt, cover panel to front axle carrier	*BA33.10-P-1005-01M

9	Disconnect electrical connectors on electric power steering electromechanical control unit (A91)	i If necessary, detach the cable tie from the electrical line.	
10	Release clip (7) and place electrical wiring harness (8) to one side	If installed	
11	Support electric power steering (3) and secure to prevent it from falling down		
12.1	Remove bolts (4) and detach electric power steering (3) from front axle carrier	MODEL 212 with CODE 211 (Direct-Steer system) except 4MATIC Nm Bolt, electric rack-and-pinion steering to front axle carrier	*BA46.20-P-1011-01N
12.2	Remove bolts (5, 6), and remove steering with plate downwards	MODEL 212 with CODE 211 (Direct-Steer system) with 4MATIC i Remove bolt (6) first and then bolts (5). Nm Model 204, model 212 with 4MATIC	*BA46.20-P-1011-01N
13	Install in the reverse order		
14	Check front axle toe and adjust if necessary	MODEL 204 with CODE 211 (Direct-Steer system) MODEL 207, 212 with CODE 211 (Direct-Steer system) MODEL 218	AR40.20-P-0200CW AR40.20-P-0200EW

Nm Front axle carrier

Number	Designation	MODEL 207	MODEL 212
BA33.10-P-1005-01M	Bolt, cover panel to front axle carrier	Nm	55

Nm Front axle carrier

Number	Designation	MODEL 218
BA33.10-P-1005-01M	Bolt, cover panel to front axle carrier	Nm

Nm Steering gear

Number	Designation			MODEL 204 except 4MATIC, except 204.9	MODEL 204 with 4MATIC, with MODEL 204.9
BA46.20-P-1011-01N	Bolt, electric rack-and-pinion steering to front axle carrier	M8	Stage 1	Nm	20
		M12	Stage 2	4°	90
			Stage 1	Nm	80
			Stage 2	4°	90

Nm Steering gear

Number	Designation			MODEL 207 except 4MATIC	MODEL 207 with 4MATIC
BA46.20-P-1011-01N	Bolt, electric rack-and-pinion steering to front axle carrier	M8	Stage 1	Nm	20
		M12	Stage 2	4°	90
			Stage 1	Nm	80
			Stage 2	4°	90

Nm Steering gear

Number	Designation			MODEL 212 except 4MATIC	MODEL 212 with 4MATIC
BA46.20-P-1011-01N	Bolt, electric rack-and-pinion steering to front axle carrier	M8	Stage 1	Nm	20
		M12	Stage 2	4°	90
			Stage 1	Nm	80
			Stage 2	4°	90

Nm Steering gear

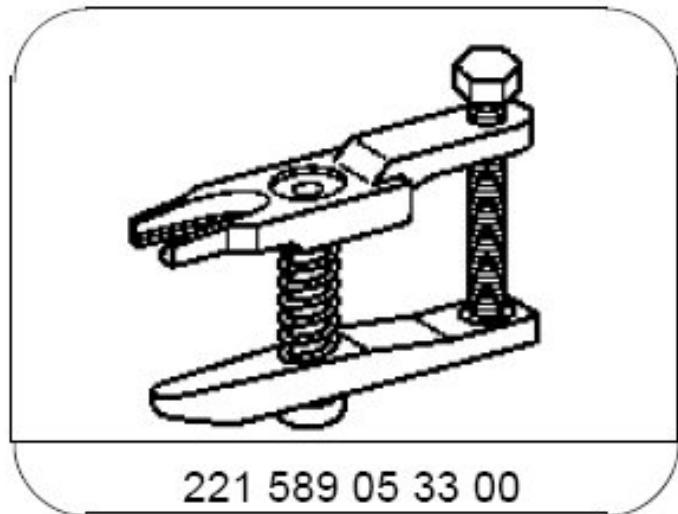
Number	Designation			MODEL 218 except 4MATIC	MODEL 218 with 4MATIC
BA46.20-P-1011-01N	Bolt, electric rack-and-pinion steering to front axle carrier	M8	Stage 1	Nm	20
		M12	Stage 2	4°	90
			Stage 1	Nm	80
			Stage 2	4°	90

Nm Tie rod

Number	Designation			MODEL 204	MODEL 207
BA46.40-P-1001-01N	Self-locking nut, tie rod to steering knuckle	Stage 1	Nm	50	50
			4°	60	60

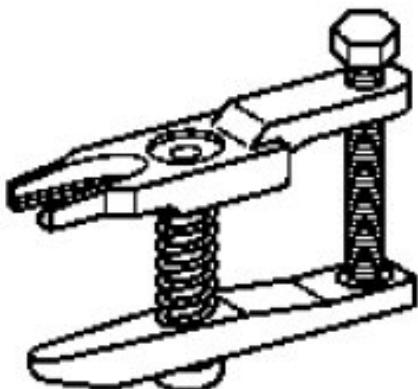
Nm Tie rod

Number	Designation			MODEL 212	MODEL 218
BA46.40-P-1001-01N	Self-locking nut, tie rod to steering knuckle	Stage 1	Nm	50	50
			4°	90	90



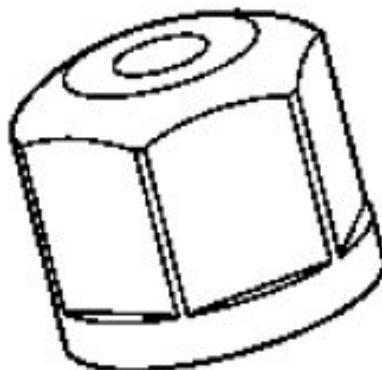
221 589 05 33 00

Puller



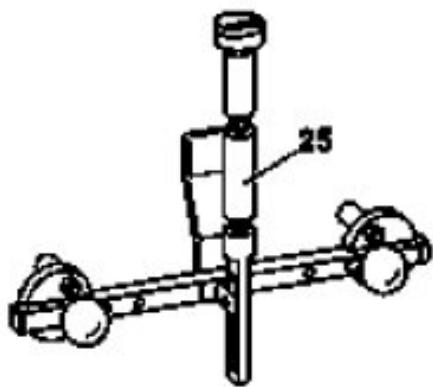
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Puller



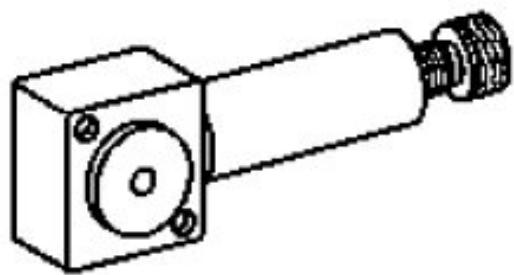
171 589 00 34 00

Thrust piece



129 589 01 21 00

Holding device



163 589 03 43 00

Press