

Model 166

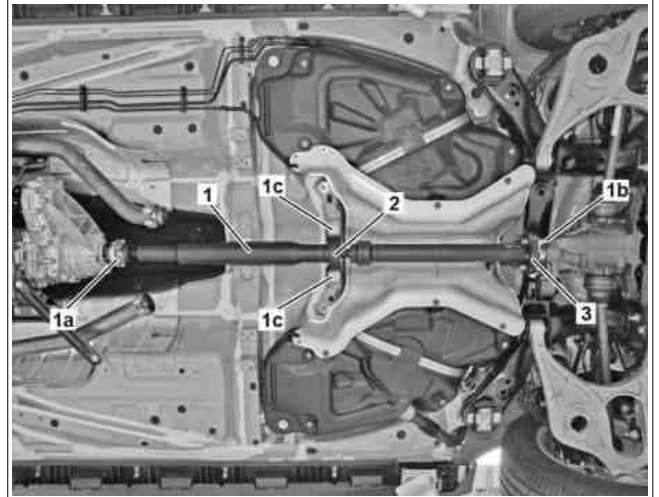
Model 292

Modification notes

22.05.2015	Self-locking bolt on rear propeller shaft/rear axle differential	Model 166	BA41.10-P-1002-01F
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Shown on model 166.057

- 1 Propeller shaft
- 1a Screw
- 1b Screw
- 1c Bolts
- 2 Propeller shaft intermediate bearing
- 3 Flex disk



P41.10-2339-11

	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
		Risk of death when working on component parts and systems with U >= 30 V alternating voltage (AC) or U >= 60 V direct voltage (DC)	Do not touch damaged or defective live component parts and lines or non-insulated electrical connections and lines.	AS00.00-Z-0035-01A
		Notes on self-locking nuts and bolts		AH00.00-N-0001-01A AH00.00-Z-0300-01A
		General information on handling vehicles with high-voltage on-board electrical system and/or lithium-ion battery and/or gaseous-fuel drive system		
		Notes on battery		AH54.10-P-0001-01A
		Remove/install		
1		Perform disable for the high-voltage on-board electrical system	Model 166.063	AR54.10-P-1150GQA
2		Move A/T into neutral position and switch off ignition		
3		Remove components of exhaust system	Model 292 with engine 157, 278 Model 292 with engine 642 Model 166 with engine 276 Model 166 with engine 278 Model 166 with engine 642, 651	AR49.10-P-7283MLJ AR49.10-P-7142OGR AR49.10-P-7100GQA AR49.10-P-7100GQB
4		Remove heat shields		
5		Apply color marking to installation position of drive shaft (1) relative to transfer case and differential	Installation: Restore ex-factory installation position. Drive-train vibrations can otherwise occur.	
6		Apply color marking to installation position of propeller shaft intermediate bearing (2) relative to vehicle floor	Installation: Restore ex-factory installation position. Drive-train vibrations can otherwise occur.	
7		Remove screws/bolts (1a)	Tightening procedure for rear propeller shaft to transfer case Installation: Observe tightening procedure. Self-locking screw/bolt of propeller shaft at transfer case/adaptor housing (to rear axle)	AR41.10-P-0050-17GZ BA41.10-P-1001-01F

		Retainer wrench	*164589020700
8	Remove screws (1b)	The flexible coupling (3) remains on the drive shaft (1). Self-locking screw/bolt on rear propeller shaft/rear axle differential	*BA41.10-P-1002-01F
9	Release pilot bushing of flexible coupling (3) Drift for releasing the fitting sleeves in the flexible couplings	If necessary.	WF58.50-P-4110-01A
10	Unscrew bolts (1c) and remove propeller shaft (1) downward	Do not kink the propeller shaft (1). Otherwise, the seal boot on the propeller shaft intermediate bearing (2) will be damaged. Secure propeller shaft (1) against falling down. Bolt, propeller shaft intermediate bearing to frame floor assembly	*BA41.40-P-1001-01C
	Check		
11	Check flex disk (3)	Check for cracking, fraying, wear, damage and deformation; replace if necessary.	
12	Install in the reverse order		

Propeller shaft

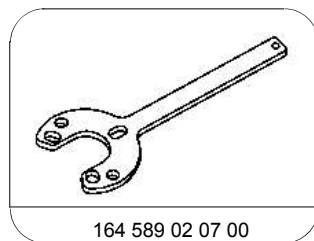
Number	Designation		Model 166	Model 292	
BA41.10-P-1001-01F	Self-locking screw/bolt of propeller shaft at transfer case/adapter housing (to rear axle)	Stage 1	Nm	40	40
		Stage 2	Δ°	90	90

Propeller shaft

Number	Designation		Model 166	Model 292		
BA41.10-P-1002-01F	Self-locking screw/bolt on rear propeller shaft/rear axle differential	Self-locking nut	Nm	68	-	
		Direct threaded connection	Stage 1	Nm	60	60
		Stage 2	Δ°	90	90	

Propeller shaft intermediate bearing

Number	Designation		Model 166	Model 292
BA41.40-P-1001-01C	Bolt, propeller shaft intermediate bearing to frame floor assembly	Nm	40	40



Retainer wrench