

Document title Remove/install flexible coupling of drive shaft at transmission end

Document number ar4110p004001lw

AR41.10-P-0040-01LW	Remove/install flexible coupling of drive shaft at transmission end		
	Notes on threaded connections fastened using a tightening angle-based tightening process		AH00.00-P-0020-01A
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
WF	Drift for releasing the fitting sleeves in the flexible couplings		WF58.50-P-4110-01A

Model 166, 172, 205, 207, 212, 213, 218, 231, 238, 253, 292

Nm Propeller shaft

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

Nm Propeller shaft

Number	Designation		Model 172	Model 207		
BA41.10-P-1001-01I	Propeller shaft at flexible coupling or flexible coupling to transmission	Self-locking nut	Nm	68	68	
		Direct threaded connection	Stage 1	Nm	60	60
			Stage 2	∠°	90	90

Nm Propeller shaft

Number	Designation		Model 212	Model 218		
BA41.10-P-1001-01I	Propeller shaft at flexible coupling or flexible coupling to transmission	Self-locking nut	Nm	68	68	
		Direct threaded connection	Stage 1	Nm	60	60
			Stage 2	∠°	90	90

Nm Propeller shaft

Number	Designation		Model 231		
BA41.10-P-1001-01I	Propeller shaft at flexible coupling or flexible coupling to transmission	Self-locking nut	Nm	68	
		Direct threaded connection	Stage 1	Nm	60
			Stage 2	∠°	90

Nm Propeller shaft

Number	Designation		Model 205	Model 253		
BA41.10-P-1001-01L	Flex disk or joint flange at transmission/rear axle differential or propeller shaft	Self-locking nut	Nm	68	-	
		Direct threaded connection	Stage 1	Nm	60	60
			Stage 2	∠°	90	90

Nm Propeller shaft

Number	Designation		Model 213
BA41.10-P-1001-01M	Flexible coupling to transmission/rear axle differential or propeller shaft	Direct threaded connection	Stage 1 Nm 60

Stage 2	∠°	90
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Nm Propeller shaft

Number	Designation	Model 238
BA41.10-P-1001-01N	Flexible coupling to transmission/rear axle differential or propeller shaft	Direct threaded connection
		Stage 1 Nm 60
		Stage 2 ∠° 90

Nm 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
		Stage 2 ∠° 90	90

Nm Propeller shaft

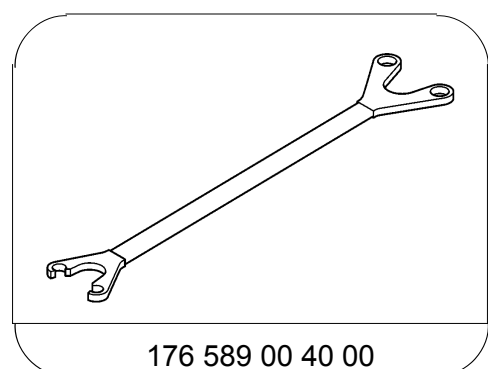
Number	Designation	Model 172	Model 207
BA41.10-P-1002-01I	Propeller shaft at flexible coupling or flexible coupling to rear axle differential	Self-locking nut Nm 68	68
		Direct threaded connection	Stage 1 Nm 60
		Stage 2 ∠° 90	-

Nm Propeller shaft

Number	Designation	Model 212	Model 218
BA41.10-P-1002-01I	Propeller shaft at flexible coupling or flexible coupling to rear axle differential	Self-locking nut Nm 68	68
		Direct threaded connection	Stage 1 Nm -
		Stage 2 ∠° -	-


Nm Propeller shaft

Number	Designation	Model 231
BA41.10-P-1002-01I	Propeller shaft at flexible coupling or flexible coupling to rear axle differential	Self-locking nut Nm 68
		Direct threaded connection
		Stage 1 Nm 60
		Stage 2 ∠° 90





Counterholder

Remove

- 1 Make colored mark at position of propeller shaft (1) relative to flange of transmission or differential.
- 2 Attach  counterholder to screws/bolts of flexible coupling (2) of rear axle differential.

For vehicles with direct bolted connection.

 Helper required.
- 3 Remove bolts (2a).
- 4 Remove  counterholder.

Shown on flexible coupling on automatic transmission without direct bolted connection


- 1 Propeller shaft
- 2 Flex disk
- 2a Bolts



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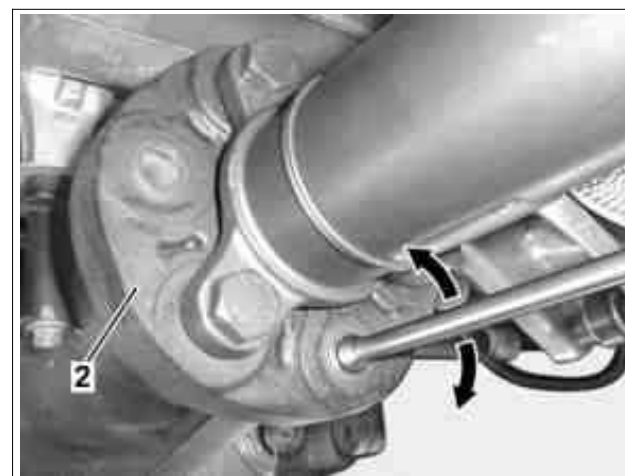
- 5 Release plug bushings of flexible coupling(2) using drift, as shown, from flange.

If necessary.
- 6 Detach drive shaft(1) from flange of transmission or transfer case or rear axle differential.

 Carefully detach drive shaft (1).
Otherwise the pilot bushing in the drive shaft (1) may be damaged.

Shown by way of an example on flexible coupling on rear axle differential



- 2 Flex disk



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






Install


- 7 Restore original installation position of drive shaft(1) using colored marking.
- 8 Slide drive shaft(1) onto flange of transmission or transfer case or rear axle differential.

 Carefully slide on drive shaft(1).
Otherwise the pilot bushing in the drive shaft (1) may be damaged.
- 9 Attach  counterholder to screws/bolts of rear flexible coupling (2).

For vehicles with direct bolted connection.

 Helper required.

- 10 Screw-in bolts(2a). Model 166
Model 292
 Model 166
Model 292
 Model 205
Model 253
 Model 172
Model 207
Model 212
Model 218
Model 231
 Model 172
Model 207
Model 212
Model 218
Model 231
 Model 213
 Model 238 

- 11 Remove  counterholder from flexible coupling (2) of rear axle differential.