

**Model 164 (except 164.156), 166 (except 166.006/058)**  
**Model 251 (except 251.021/026/054/056/126/154/156)**  
**Model 292**

**Nm** Propeller shaft

Number	Designation		Model 164.1/8	Model 166	
BA41.10-P-1003-01F	Self-locking bolt, drive shaft to transfer case (to front axle)	Stage 1	Nm	40=29.5 ft. lbs,	40
		Stage 2	∠°	90	90

Torque Angle Gauge needed for Stage 2

**Nm** Propeller shaft

Number	Designation		Model 292	
BA41.10-P-1003-01F	Self-locking bolt, drive shaft to transfer case (to front axle)	Stage 1	Nm	40
		Stage 2	∠°	90

**Nm** Propeller shaft

Number	Designation		Model 251	
BA41.10-P-1003-01G	Self-locking bolt, propeller shaft to transfer case (to front axle)	Stage 1	Nm	40
		Stage 2	∠°	90

**Nm** Propeller shaft

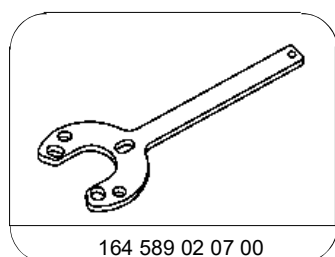
Number	Designation		Model 164.1/8	Model 166	
BA41.10-P-1004-01F	Self-locking bolt, drive shaft to front axle gear	Stage 1	Nm	40	40
		Stage 2	∠°	90	90

**Nm** Propeller shaft

Number	Designation		Model 292	
BA41.10-P-1004-01F	Self-locking bolt, drive shaft to front axle gear	Stage 1	Nm	40
		Stage 2	∠°	90

**Nm** Propeller shaft

Number	Designation		Model 251	
BA41.10-P-1004-01G	Self-locking bolt, propeller shaft to front axle gear	Stage 1	Nm	40
		Stage 2	∠°	90



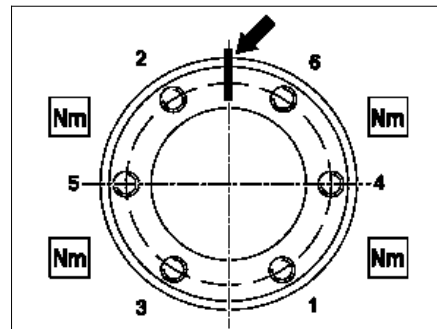
164 589 02 07 00

Retainer wrench

## Remove

- 1 Attach colored identification on front propeller shaft to flange of front axle transmission and to flange of transfer case, to ensure the ex-factory installation position can be restored again when installing.
- 2 Remove bolts (1 to 6) from front axle gear and/or from transfer case and remove front propeller shaft.

**i** Counterhold flange on front axle transmission or transfer case using **S** retainer wrench.



P41.10-2302-01

## Install

**!** It is essential to observe the tightening procedure for the bolts (1 to 6) securing the front propeller shaft to the front axle transmission and to the transfer case.

Noise and vibrations can otherwise be produced at high speeds.

**i** The bolts (1 to 6) securing the propeller shaft to the front axle transmission and to the transfer case must always be replaced with new ones.

- 3 Align markings and move to 12 o'clock position.

- 4 Tighten bolt (1) to initial torque of 10 Nm and make marking.

- 5 Tighten bolt (2) with specified torque and mark.

**i** To do so, turn the propeller shaft by 180°.

- 6 Tighten remaining bolts in the sequence 3-4-1-5-6 with the specified torque.