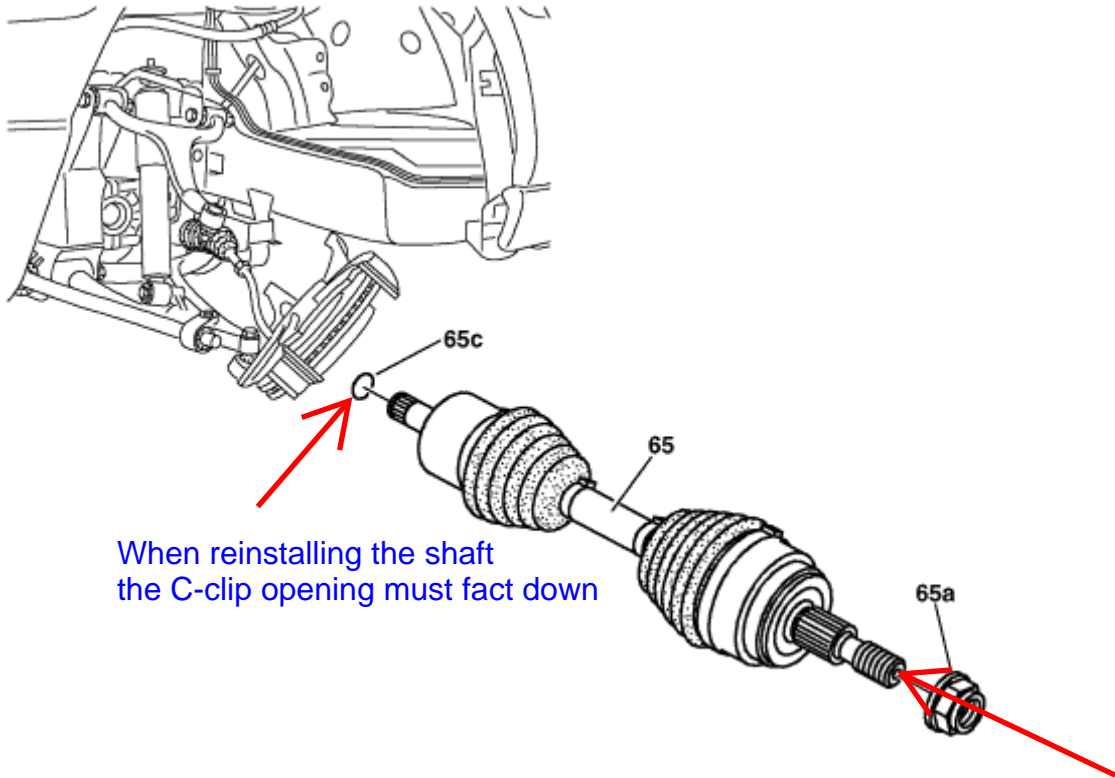





AR33.30-P-0620GH	Remove/install front axle shafts	11.3.97
------------------	----------------------------------	---------
















MODEL 163

Illustration shows left-hand side



P33.30-0266-06 After removing nut insert roun punch into hole and strike with hammer to dislodge from knuckle.

	Remove/Install		
	Notes on self-locking nuts and bolts	All models	AH00.00-N-0001-01A
1	Remove rear wheels		
	Remove/install wheels, rotate if		AP40.10-P-4050GH

	necessary		
2	Detach hexagon collared nut (65a) from front axle shaft	 Replace hexagon nut with collar.	
			BA33.30-P-1001-02B
3	Remove front axle brake caliper	 Hang the floating / fixed caliper to one side with a hook to relieve the strain on the brake hose.  Leave brake hose connected.	
		Model 163.154 up to VIN A289564, model 163.154 /157 only with US version, code 494a.	AR42.10-P-0070GH
4	Detach track rod from steering knuckle	 Check rubber boot and ball joint for wear and damage.	AR46.40-P-0200-02C
			BA46.40-P-1001-01C
		 Thrust piece	140 589 00 63 00
		 Puller	202 589 02 33 00
5	Press follower joint out of upper transverse control arm using puller	Check rubber boot and ball joint for wear and damage.	AR33.20-P-0500-01GH
			BA33.20-P-1001-01D
		 Thrust piece	129 589 10 63 00
		 Support	163 589 01 43 00
		 Press	163 589 03 43 00
6	Press front axle shaft (65) out of front axle shaft flange	 Hang steering knuckle to one side using wire.	AR33.30-P-0620-04GH
		 Extraction and installation tool	210 589 03 43 00
7	Lever front axle shaft out of front axle gear	 Do not damage shield.	

8	Remove front axle shaft (65)	i Installation: Make sure that the opening in the circlip (65c) faces downward before inserting into the front axle gear.	
9	Install in the reverse order		

Nm Wheel location, hub

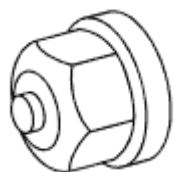
Number	Designation		Model 163
BA33.20-P-1001-01D	Self-locking nut, upper transverse control arm follower joint to steering knuckle	Nm	50

Nm Front axle shaft

Number	Designation		Model 163
BA33.30-P-1001-02B	Nut, front axle shaft to front axle shaft flange	Nm	490

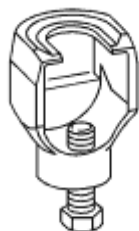
Nm Track rod

Number	Designation		Model 163
BA46.40-P-1001-01C	Self-locking nut, track rod to steering knuckle	Nm	55



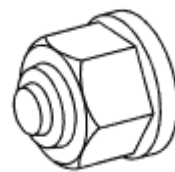
140 589 00 63 00

Thrust piece



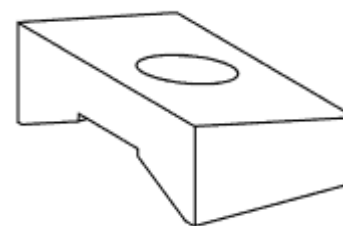
202 589 02 33 00

Puller



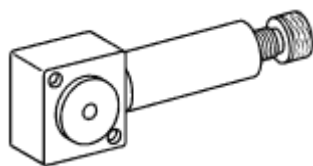
129 589 10 63 00

Thrust piece



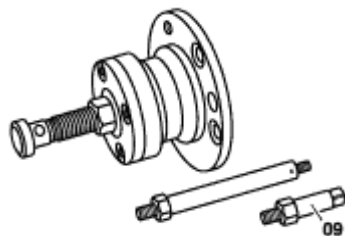
163 589 01 43 00

Support



163 589 03 43 00

Press



210 589 03 43 00

Extraction and installation tool