

## AXLE SHAFTS

### Article Text

1993 Volkswagen Corrado

For Volkswagen Technical Site: <http://vw.belcom.ru>

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Wednesday, March 22, 2000 08:57PM

## ARTICLE BEGINNING

1993-94 DRIVE AXLES

Volkswagen Axle Shafts - FWD

Corrado SLC, Passat

## TROUBLE SHOOTING

Refer to TROUBLE SHOOTING - BASIC PROCEDURES article in the GENERAL TROUBLE SHOOTING section.

## REMOVAL, DISASSEMBLY, REASSEMBLY & INSTALLATION

NOTE: Clean bolts and nuts to ensure tightening torque is correct.

### AXLE SHAFT

#### Removal

1) Remove axle shaft nut. Remove wheel. Remove brake caliper, and secure aside. Remove tie rod end bolts.

2) Remove 2 bolts attaching spindle assembly to strut assembly. Remove lower ball joint bolt or nut if necessary. Remove spindle assembly. Loosen inner CV joint from transaxle flange. On models with V6 engine, use Axle Press (3283) to press axle from wheel housing. Clean old locking compound from splines. Remove axle shaft assembly. See Fig. 1.

#### Disassembly & Reassembly

1) Remove axle shaft boot(s). Using a drift, remove protective cap from CV joint. Remove circlip from inner CV joint. Support CV joint with axle assembly on Support Stand (VW 402).

2) Using Driver (VW 408A), press inner CV joint off axle shaft. DO NOT disassemble inner CV joint, replace complete unit. To remove outer CV joint, use a driver and hammer to drive CV joint off axle shaft.

3) Rotate inner race and remove balls. Inspect for galling or wear. Cover balls with grease and reinstall in race.

4) To reassemble, reverse disassembly procedure. Refer to the AXLE SHAFT LENGTH table. Use new circlips and boot clamps during assembly.

#### Installation

To install, reverse removal procedure. Install new axle shaft nut. On models with V6 engine, apply locking compound to splines. See the TORQUE SPECIFICATIONS table.

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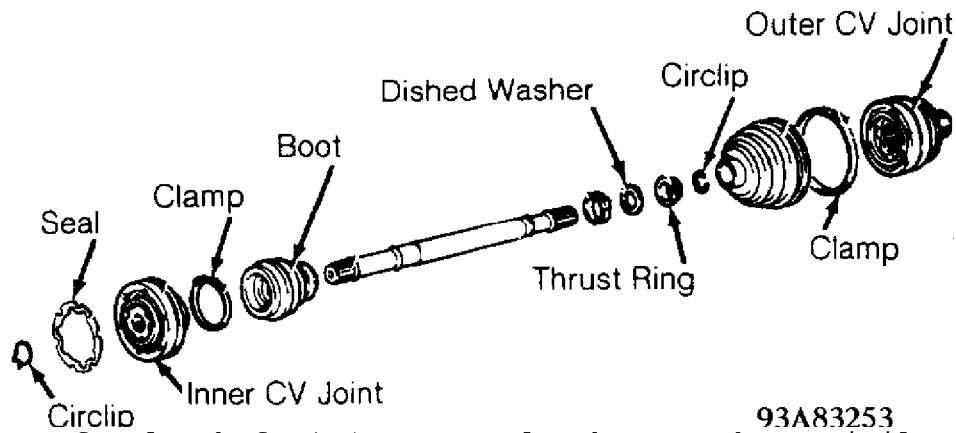


Fig. 1: View Of Axle Shaft (M/T Transaxle Shown; Others Similar)  
Courtesy of Volkswagen United States, Inc.

#### AXLE SHAFT LENGTH TABLE

AA

Application	In. (mm)
Corrado SLC	
Left Axle .....	17.04 (432.8)
Right Axle .....	26.24 (666.5)

#### Passat

##### Vibration Dampener (1)

Left Axle .....	10.41 (264.5)
Right Axle .....	9.88 (251.0)

(1) - Measured from outer surface of CV joint to outer surface of vibration dampener.

AA

## TORQUE SPECIFICATIONS

#### TORQUE SPECIFICATIONS TABLE

AA

Application	Ft. Lbs. (N.m)
Corrado SLC	
Axle Shaft Nut .....	195 (265)
Brake Caliper Bolt .....	46 (63)
Inner CV Joint-To-Transaxle Bolt .....	33 (45)
Lower Ball Joint Nut .....	25 (35)
Tie Rod End Nut .....	22 (30)
Spindle Assembly-To-Strut Nut .....	58 (78)

#### Passat

Axle Shaft Nut .....	195 (265)
Brake Caliper Bolt .....	92 (125)
Inner CV Joint-To-Transaxle Bolt .....	33 (45)
Lower Ball Joint Nut .....	46 (63)

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Tie Rod End Nut ..... 30 (40)

Spindle Assembly-To-Strut Nut ..... 69 (94)

AA

**END OF ARTICLE**