

# TRANSMISSION REMOVAL & INSTALLATION - A/T

## Article Text

1991 Volkswagen Vanagon  
For Volkswagen Technical Site  
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Saturday, March 18, 2000 09:51PM

### ARTICLE BEGINNING

TRANSMISSION SERVICING  
Automatic Transmission Removal & Installation  
  
Vanagon

### VANAGON

#### REMOVAL

1) Disconnect battery ground cable. Remove upper engine-to-transaxle bolts. Remove dipstick and bolt for dipstick tube support bracket.

2) Remove 3 torque converter-to-drive bolts through hole in top of transaxle housing. Raise and support vehicle.

3) Disconnect both axle shafts from transaxle. Remove starter. Disconnect push rod from transaxle kickdown lever. Detach accelerator cable from transaxle. Detach selector lever cable from transaxle.

4) Disconnect and plug lines from transaxle cooler. Disconnect ground strap. Remove mounting bracket bolts. Support transaxle with jack.

NOTE: Support bottom of engine when removing transaxle.

5) Remove lower transaxle-to-engine bolts. Separate transaxle from engine. Lower transaxle.

#### INSTALLATION

To install, reverse removal procedure. Make sure torque converter is fully seated on one-way clutch support. Distance from engine mating surface to end of converter hub should be at least 3/8" (10 mm).

### TORQUE SPECIFICATIONS

#### TORQUE SPECIFICATIONS TABLE

AA  
Applications Ft. Lbs. (N.m)

Vanagon

Axle Shaft-To-Flange Bolts ..... 33 (45)

Torque Converter-To-Drive Plate Bolts ..... 22 (30)

Transaxle-To-Engine Bolts ..... 41 (55)

AA

### END OF ARTICLE