

# TRANSMISSION SERVICING - M/T

## Article Text

1996 Volkswagen Golf  
For Volkswagen Technical Site  
Copyright © 1998 Mitchell Repair Information Company, LLC  
Thursday, August 19, 1999 11:51PM

### ARTICLE BEGINNING

#### MANUAL TRANSMISSION SERVICING

Volkswagen

Cabrio, Golf, Golf III, GTI VR6, Jetta, Jetta III, Passat

### IDENTIFICATION

#### MANUAL TRANSAXLE APPLICATIONS

Application Model

##### 1995

Cabrio & Golf III	020
GTI VR6 & Passat	02A
Jetta III	
4-Cylinder	020
V6	02A

##### 1996

Cabrio	020
Golf & Jetta	
4-Cylinder	
Gas Engine	020
Turbo Diesel	02A
V6	02A
Passat	02A

### LUBRICATION

#### SERVICE INTERVALS

No oil changes are required.

#### CHECKING FLUID LEVEL

Remove oil filler plug. Oil level should be up to lower edge of filler hole. Add if necessary. Install filler plug.

#### RECOMMENDED FLUID

Use API G50 75W-90 synthetic gear oil.

#### FLUID CAPACITIES

#### TRANSAXLE REFILL CAPACITIES

Transaxle Qts. (L)

02A	2.1 (2.0)
-----	-----------

# TRANSMISSION SERVICING - M/T

## Article Text (p. 2)

1996 Volkswagen Golf

For Volkswagen Technical Site

Copyright © 1998 Mitchell Repair Information Company, LLC

Thursday, August 19, 1999 11:51PM

020 ..... 2.0 (1.9)  
AA

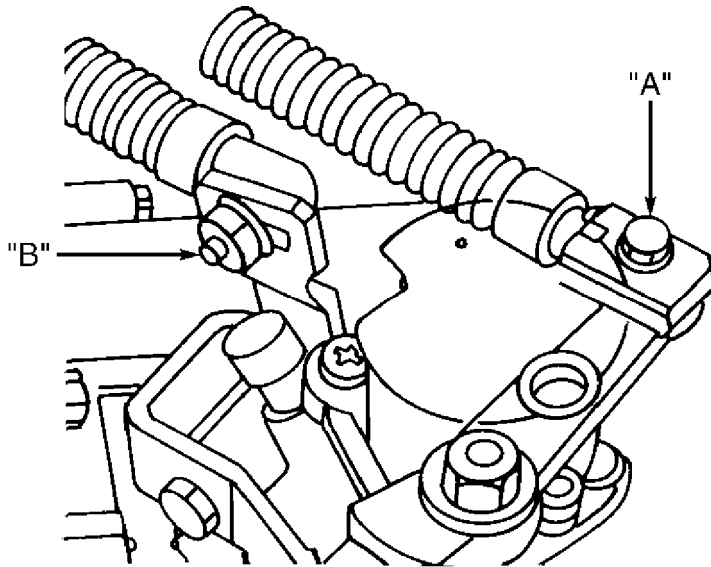
### ADJUSTMENTS

#### GEARSHIFT LINKAGE

##### 02A Transaxle

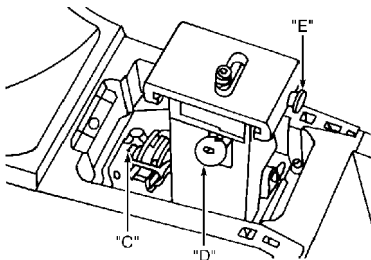
1) Place gear selector lever in Neutral position. Remove knob and boot. Remove balance weight. Loosen bolt "A" and nut "B" sufficiently so that operating cables move freely in centering holes. See Fig. 1. Install Shift Linkage Gauge (3192). Loosen bolt "C". See Fig. 2.

2) Pivot locating pin under bearing plate. Tighten nut "D". Place gearshift lever into left detent of slide. Move gearshift lever and slide together to left stop. Tighten slide with bolt "D". Move gearshift lever to right detent. Tighten bolt "E". Move gearshift lever to right detent. Tighten bolt "C".



92G01413

Fig. 1: Identifying Centering Holes (02A Transaxle)  
Courtesy of Volkswagen of America, Inc.



92G01414

Fig. 2: Installing Shift Linkage Gauge (02A Transaxle)  
Courtesy of Volkswagen of America, Inc.

## TRANSMISSION SERVICING - M/T

### Article Text (p. 3)

1996 Volkswagen Golf

For Volkswagen Technical Site

Copyright © 1998 Mitchell Repair Information Company, LLC

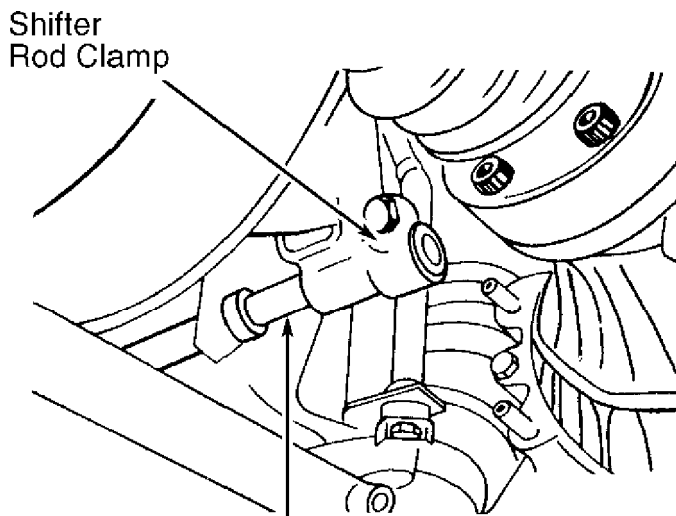
Thursday, August 19, 1999 11:51PM

#### 020 Transaxle

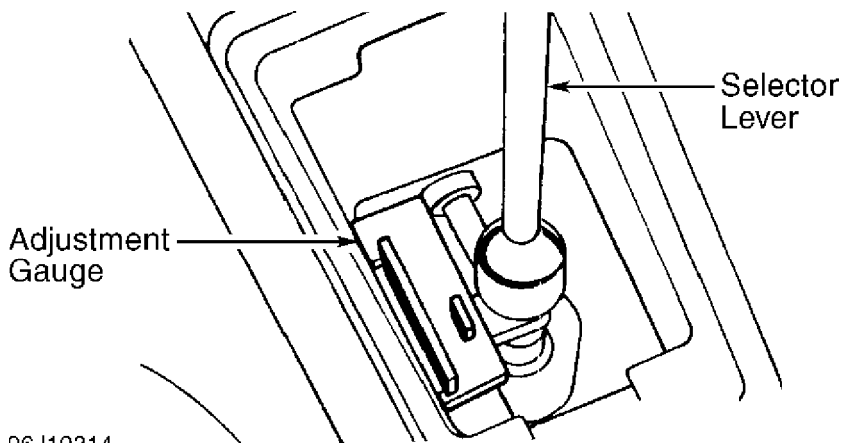
1) Place shift lever in Neutral position. Ensure transaxle is also in Neutral. Loosen lower shifter rod clamp. See Fig. 3. Selector lever must move freely on shifter rod.

2) Remove gearshift knob and boot. Position Adjustment Gauge (3104) over shift rod. See Fig. 4. With transaxle in Neutral, align shift rod with selector lever. Tighten shifter rod clamp to 19 ft. lbs. (26 N.m).

3) Move gearshift lever through all gear positions. Gears must engage smoothly and without jamming. Reinstall gearshift knob and boot.



96I19313  
Fig. 3: Loosening Shift Rod Clamp (020 Transaxle)  
Courtesy of Volkswagen of America, Inc.



96J19314  
Fig. 4: Locating Adjustment Gauge (020 Transaxle)  
Courtesy of Volkswagen of America, Inc.

END OF ARTICLE