

Article Text

Thursday, March 23, 2000 09:51PM

RECOMMENDED LUBRICANT FLUID

TRANSMISSION SERVICING - A/T

Article Text (p. 2)

1990 Volkswagen Corrado

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TRANSMISSION

Use Dexron or Dexron-II ATF.

FINAL DRIVE

Use G50 or SAE 75W-90.

FLUID CAPACITY

TRANSMISSION REFILL CAPACITIES TABLE

TRANSMISSION REFILL CAPACITIES TABLE			
Application			
		Refill	Dry Fill
		Qts. (L)	Qts. (L)
Corrado & Passat	3.2 (3.0)	5.9 (5.6)
Except Corrado & Passat	3.2 (3.0)	6.4 (6.0)

FINAL DRIVE REFILL CAPACITIES TABLE

FINAL DRIVE REFILL CAPACITIES TABLE			
Model			
		Qts. (L)	
All Except Vanagon8 (.8)	

DRAINING & REFILLING

- 1) Remove transmission protection plate (if necessary). Remove rear pan bolts. Loosen front pan bolts. Carefully lower pan to drain as much fluid as possible. Remove oil pan. Pour out remaining fluid. Remove filter. Clean oil pan in solvent. Dry pan with compressed air.
- 2) Install new filter. On all but Corrado and Passat, tighten filter retaining screws to 27 INCH lbs. (3 N.m). On Corrado and Passat, tighten filter retaining screws to 71 INCH lbs (8 N.m).
- 3) Install oil pan with new gasket. On all models but Corrado and Passat, tighten oil pan bolts to 15 ft. lbs. (20 N.m). On Corrado and Passat, tighten oil pan bolts to 89 INCH lbs. (10 N.m).
- 4) Install protection plate if it was removed. Tighten bolts to 18 ft. lbs. (25 N.m). Add 3.2 qts. (3.0L) transmission fluid. Check fluid level. Add if necessary.

SECOND BRAKE BAND ADJUSTMENTS

CABRIOLET, GOLF, GTI & JETTA

- 1) Adjust second brake band with transmission in a horizontal position only. Loosen adjuster screw lock nut. Tighten brake band adjustment screw to 89 INCH lbs. (10 N.m). See Fig. 1.

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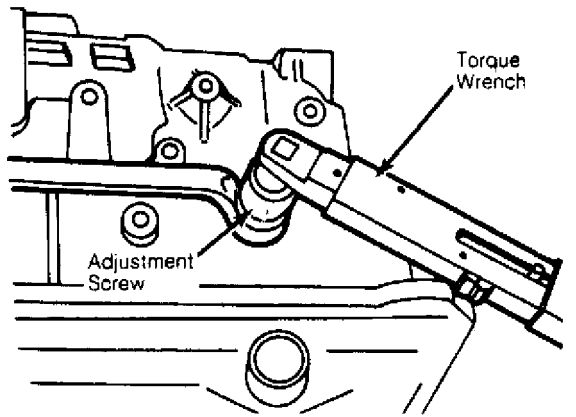


Fig. 1: Adjusting Second Brake Band
Courtesy of Volkswagen United States, Inc.

2) Loosen adjustment screw, then retighten to 44 INCH lbs. (5 N.m). Back off 2 1/2 turns. Hold adjustment screw stationary while tightening lock nut to 15 ft. lbs. (20 N.m).

SELECTOR LEVER CABLE ADJUSTMENTS

CABRIOLET, GOLF, GTI & JETTA

Set transmission selector lever to Park. Loosen nut for clamping pin which retains selector cable to operating lever on transmission. Ensure selector lever and transmission operating lever are in Park. Tighten cable clamp nut to 71 INCH lbs. (8 N.m).

CORRADO & PASSAT

Set transmission selector to Park. Loosen screw at gear lever shaft. Set gear lever in Park. Ensure detent engages parking lock. Tighten screw to 15 ft. lbs. (20 N.m) on Corrado, or to 18 ft. lbs. (25 N.m) on Passat.

THROTTLE CABLE ADJUSTMENTS

NOTE: Adjust accelerator linkage so that the operating lever on transmission is against stop when throttle valve is closed.

CABRIOLET, GOLF, GTI & JETTA

1) Engine must be at operating temperature and turned off. Set transmission gear selector to Park. Loosen adjustment nut and lock nut on throttle cable at transmission. Disconnect throttle cable from transmission. See Fig. 2.



Fig. 2: Adjusting Trans. Throttle Cable (Model 010 Trans.)
Courtesy of Volkswagen United States, Inc.

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2) Loosen lock nuts on throttle cable support bracket. Push throttle cable sleeve in direction of arrow until there is no play. See Fig. 3.

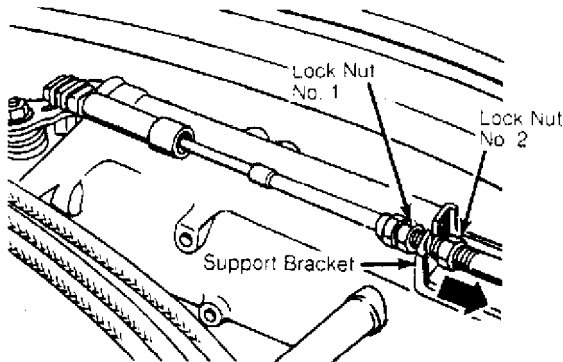


Fig. 3: Adjusting Throttle Cable (Model 010 Transmission)
Courtesy of Volkswagen United States, Inc.

3) Throttle valve must remain closed and accelerator/transmission linkage must be in closed position.

4) Turn lock nut No. 1 against support bracket. Tighten lock nut No. 2 to 18-89 INCH lbs. (2-10 N.m). Install accelerator cable onto transmission.

5) Press and hold accelerator pedal against stop. Working at transmission, push transmission operating lever against kickdown adjustment nuts.

6) Turn adjustment nut until all slack is removed from cable. Release accelerator pedal. Ensure transmission operating lever rests against kickdown stop. Tighten lock nut.

NEUTRAL SAFETY SWITCH ADJUSTMENTS

Neutral safety switch is located in shift console. Remove console cover. Adjust switch so that engine starts in Park and Neutral positions only.

END OF ARTICLE