

TRANSMISSION REMOVAL & INSTALLATION - M/T

1988 Jeep Cherokee

1988 MANUAL TRANSMISSION REMOVAL
Jeep

Cherokee, Comanche, Grand Wagoneer, Pickup, Wagoneer,
Wrangler

REMOVAL & INSTALLATION

TRANSMISSION

Removal

- 1) Remove screws attaching shift lever boot to floorpan. Slide boot over lever. On models with T-176 transmission, press and turn shift lever retainer counterclockwise to release lever.
- 2) Remove lever, boot, spring and seat as an assembly. On all models, raise vehicle and support with safety stands. Disconnect rear drive shaft from transfer case and wire out of way.
- 3) DO NOT allow shaft to hang free, as damage to universal joint may result. Disconnect front parking brake cable at equalizer. Remove rear cable clip from crossmember.
- 4) Place a jack under clutch housing to support engine. Remove rear crossmember from frame. Disconnect speedometer cable, back-up light switch wire and 4WD indicator switch wire.
- 5) Disconnect transfer case vent hose. Disconnect front drive shaft and wire out of way. On Wrangler, remove transfer case shift lever by removing shifter shaft retaining nut.
- 6) Remove cotter pins retaining shift control link pins in shift rods and remove pins. Remove shifter shaft and disengage shift lever from shift control links. Move lever out of the way.

NOTE: On some models, shifter shaft must be unthreaded from shift lever in order to be removed. On other models, shaft can be removed by sliding it out of lever.

- 7) Remove cotter pin and washers connecting link to shift lever. Separate link from lever. Support transmission and transfer case with jack.
- 8) Remove bolts securing transmission to clutch housing and remove transmission and transfer case. Separate transfer case and transmission.

Installation

- 1) Install pilot bushing lubricating wick and align throw out bearing with splines in driven plate hub. Shift transmission into gear using shift lever or a long screwdriver. This prevents clutch shaft from rotating during installation and makes clutch shaft-to-driven plate spline alignment easier.
- 2) Mount transmission on transmission jack. Raise transmission and align transmission clutch shaft with splines in driven plate hub.
- 3) When transmission is seated on clutch housing, install and tighten transmission-to-clutch housing bolts. Apply Permatex No. 3 sealer to both sides of replacement transmission output shaft and transfer case input shaft splines.
- 4) To install transmission, reverse removal procedure. Adjust clutch and shift linkage.

TORQUE SPECIFICATIONS

TORQUE SPECIFICATIONS TABLE

Application	Ft. Lbs. (N.m)
Transmission-to-Clutch Housing	55 (75)
Transmission Cover Bolts	55-65 (75-88)
Housing-to-Transmission Case	40-45 (54-61)
Crossmember Attaching Bolts	34-40 (46-54)
Filler Plug	13-15 (18-20)
