

TRANSMISSION REMOVAL & INSTALLATION - AT

1988 Toyota Celica

1988 AUTOMATIC TRANSMISSION REMOVAL
Toyota

Camry & Celica (2WD)

NOTE: The torque converter drive plate runout for all Toyota models is .008" (.20 mm). Measure runout on face of drive plate as close to ring gear as possible.

REMOVAL

1) Disconnect negative battery cable. Remove airflow meter and air cleaner. Disconnect neutral safety switch connector and all external electrical connectors. Remove ground strap.

2) Disconnect transaxle throttle valve cable at throttle linkage and remove cable from bracket. Remove transaxle case protector and disconnect speedometer cable. Disconnect shift control cable at lever and remove from bracket.

3) Disconnect oil cooler hoses and remove starter motor bolts. Remove 2 upper transaxle-to-engine bolts. Remove insulator bracket set bolt for rear engine mount. Raise and support vehicle.

4) Drain transaxle oil. Disconnect and plug oil cooler hoses. Remove left front fender apron. Disconnect both axle shafts from transaxle. Remove lower suspension crossmember. Using pliers, remove snap ring on center axle shaft bearing bracket. Remove bearing bracket bolt and pull center axle shaft assembly out.

5) Disconnect control cable clamp and remove crossmember bolts supporting center mounts of engine. Remove crossmember. Remove stabilizer bar and left steering knuckle from lower control arm. Pull steering knuckle outward and remove left axle shaft.

6) Remove bellhousing cover and remove 6 bolts attaching torque converter to drive plate. On Camry, remove engine-to-transmission stiffener plate.

7) On all models, support engine with jack stand and secure transaxle jack under transaxle. Lower rear end of transaxle and remove remaining transaxle-to-engine bolts. Separate transaxle from engine and lower transaxle assembly.

INSTALLATION

1) Apply multipurpose grease to center hub of torque converter. Install one guide pin in threaded mounting pad of torque converter to aid in aligning torque converter. Distance from torque converter drive lug to engine mating surface of transaxle should be at least .51" (13 mm).

2) Reverse removal procedure to complete installation of transaxle. Torque converter bolts are color coded. Install Gray bolt first, then the remaining 5 bolts. Tighten torque converter bolts to 20 ft. lbs. (27 N.m).

3) Tighten transaxle-to-engine 10 mm bolts to 34 ft. lbs. (46 N.m), and 12 mm bolts to 47 ft. lbs. (64 N.m). Fill transaxle to proper capacity. Check and adjust throttle cable and control cable.