

TRANSMISSION SERVICING - A/T

1993 Toyota Celica

1993 TRANSMISSION SERVICING
Toyota Automatic Transmission

Toyota; Celica

LUBRICATION

SERVICE INTERVALS

Inspect fluid level every 15,000 miles. Under severe operating conditions, change ATF and filter every 15,000 miles or 24 months.

CHECKING FLUID LEVEL

Transmission

Check fluid with vehicle on level surface and at normal operating temperature. With engine idling, shift each gear from "P" through "L" and back to "P". Fluid level should be in HOT range marked on dipstick. DO NOT overfill.

NOTE: If vehicle has been operated in heavy traffic, pulling a trailer or at high speeds in hot weather, wait 30 minutes before checking fluid level.

Differential

Remove filler plug. Fluid should be level with bottom edge of filler plug hole. If fluid is level with opening, install fill plug. If fluid is low, fill until fluid is level with fill plug opening.

RECOMMENDED FLUID

Use Dexron-II automatic transmission fluid. See TRANSMISSION REFILL CAPACITIES table.

TRANSMISSION REFILL CAPACITIES TABLE

Application (1)	Refill Qts. (L)	Dry-Fill Qts. (L)
Celica		
1.6L (A243L)	3.5 (3.3)	8.1 (7.7)
2.2L (A241E)	3.5 (3.3)	8.5 (8.0)

(1) - Use Dexron-II ATF.

DIFFERENTIAL REFILL CAPACITIES TABLE

Application	Qts. (L)
Celica (1)	1.2 (1.1)

(1) - Use SAE 90 with GL-5 rating.

DRAINING & REFILLING

Transmission

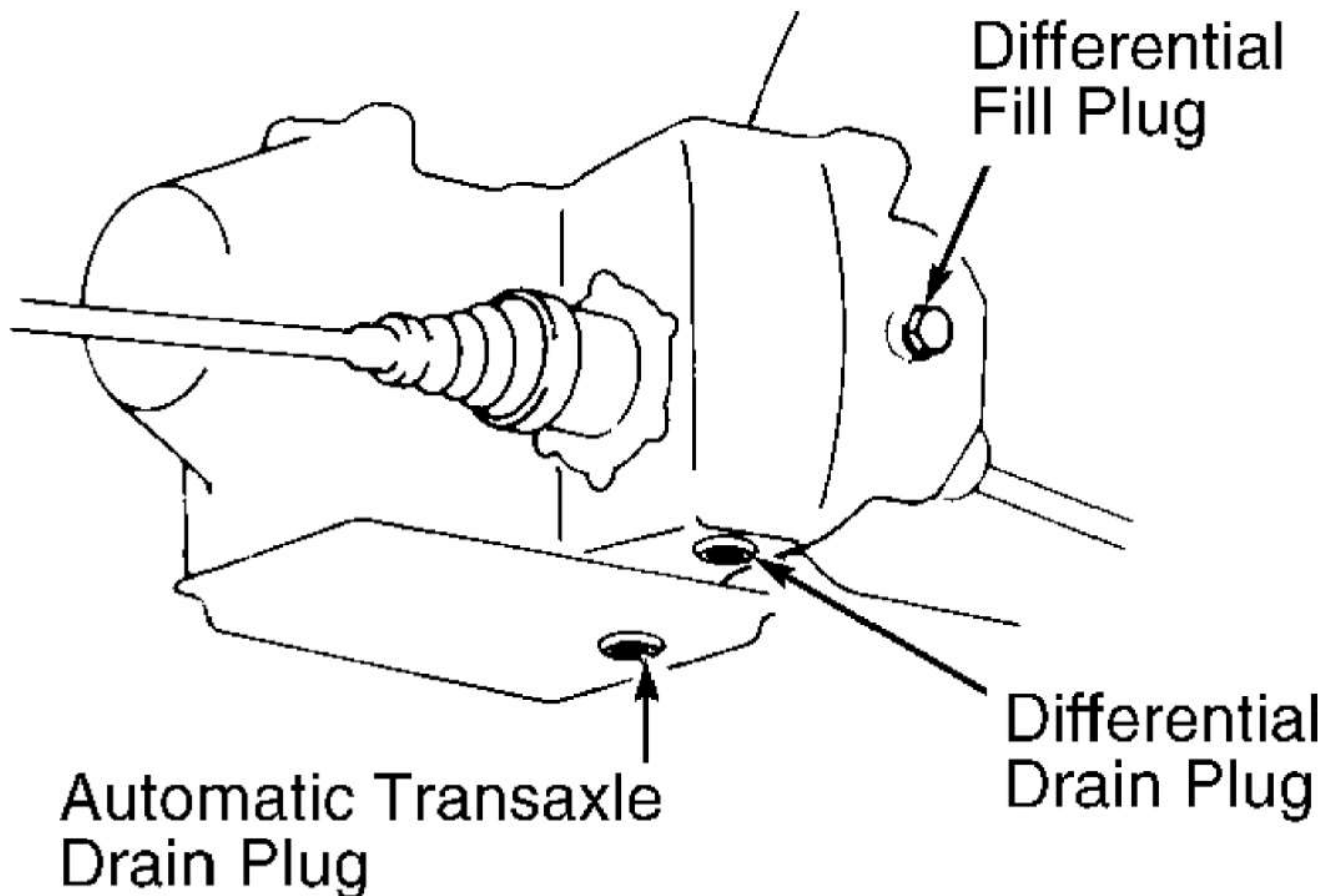
1) Remove engine undercover if necessary. Remove drain plug and drain fluid. If replacing transmission filter, remove oil pan. Thoroughly clean transmission oil pan. Install filter and pan with new gasket.

CAUTION: When removing transmission filter, note different size bolt lengths for reassembly reference.

2) Replace pan drain plug and fill transmission with approximate amount of ATF fluid. See TRANSMISSION REFILL CAPACITIES table. Start engine and shift through all gears. Shift into "P" and check fluid level. Add fluid as necessary. DO NOT overfill.

Differential

Some FWD models have separate drain plugs for transmission and differential. Both transmission and differential plugs must be removed to drain all fluid from both units. Transaxle is filled through dipstick tube, and differential is filled through a separate fill plug. See Fig. 1. Fill differential until fluid is level with fill hole.



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Fig. 1: Servicing Differential On Integral-Type Transaxle
Courtesy of Toyota Motor Sales, U.S.A., Inc.

ADJUSTMENTS

SHIFT CABLE

1) Loosen swivel nut on manual shift lever. Push manual shift lever fully toward right side of vehicle.

2) Return lever 2 notches to Neutral position. Ensure shift lever is in "N". While holding lever lightly toward "R" range side, tighten swivel nut to 61 INCH lbs. (6 N.m). See Fig. 2.

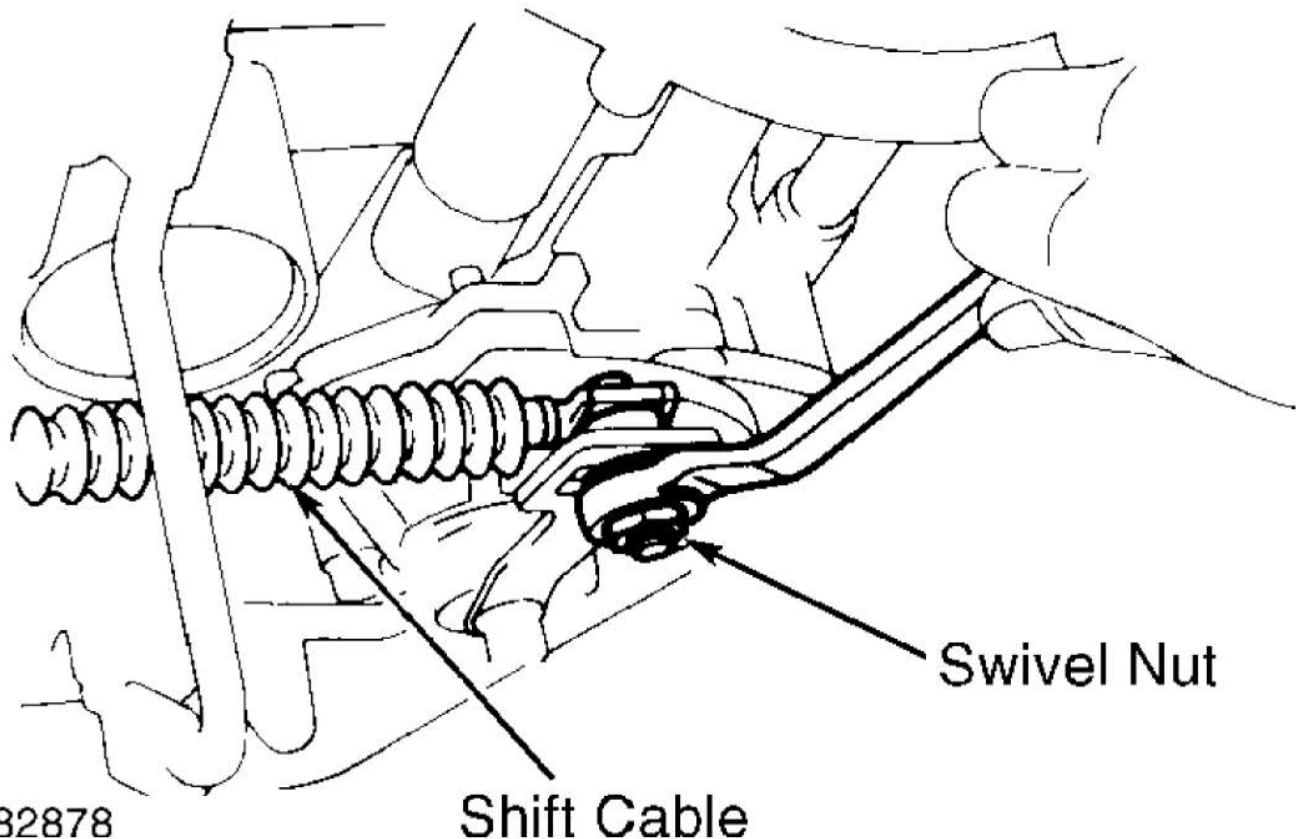


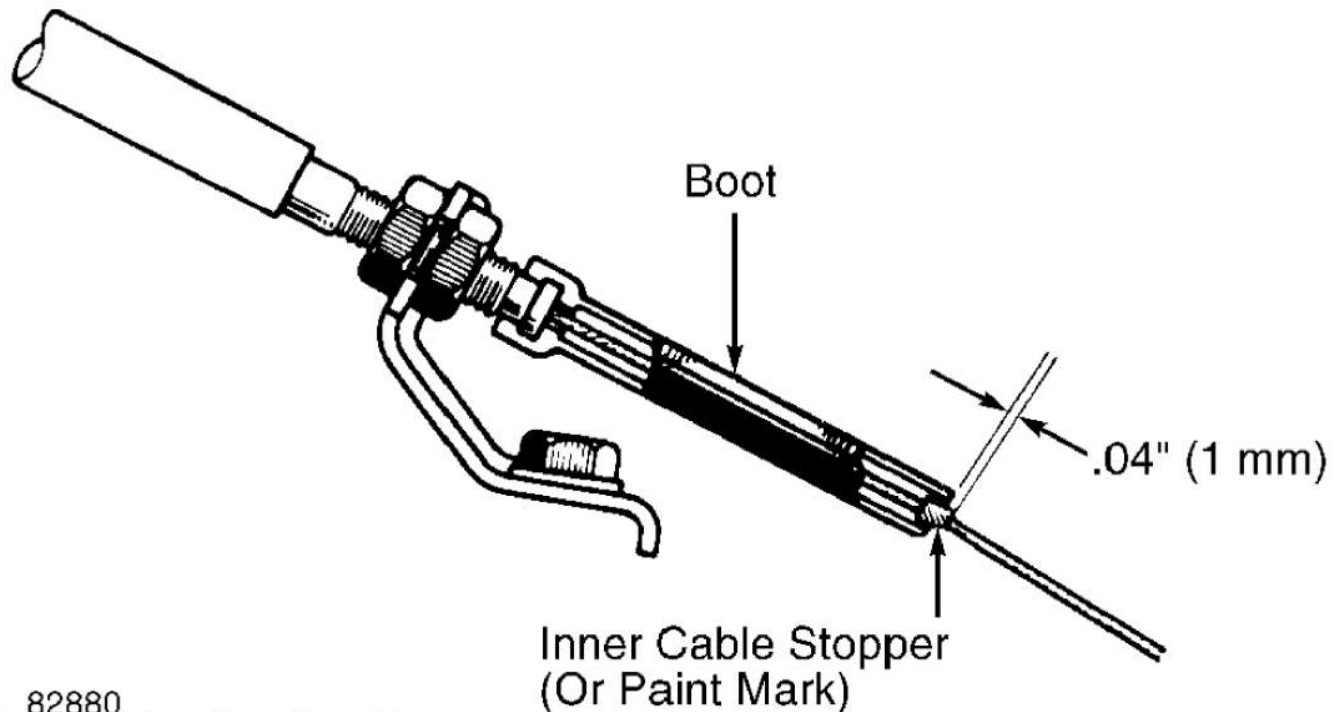
Fig. 2: Adjusting Shift Cable
Courtesy of Toyota Motor Sales, U.S.A., Inc.

THROTTLE CABLE

1) Remove air cleaner. Check throttle cable bracket and linkage for looseness or bending. Depress accelerator to wide open throttle position.

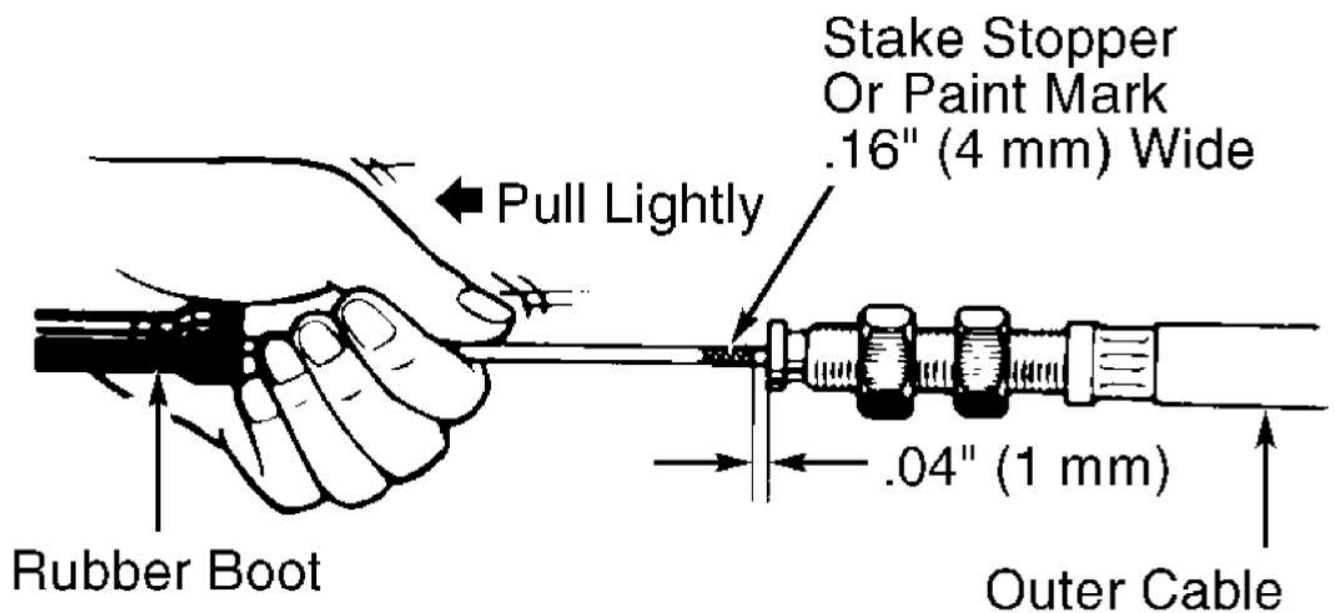
2) Adjust cable housing so distance between rubber boot end and inner cable stopper or paint mark is .04" (1 mm). See Fig. 3. Tighten lock nut.

3) For new throttle cables, stopper or paint mark will not be in place. With new cable securely installed in transmission, pull inner cable slightly until resistance is felt. See Fig. 4. Stake new stopper or paint a mark as shown.



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Fig. 3: Adjusting Throttle Cable
 Courtesy of Toyota Motor Sales, U.S.A., Inc.



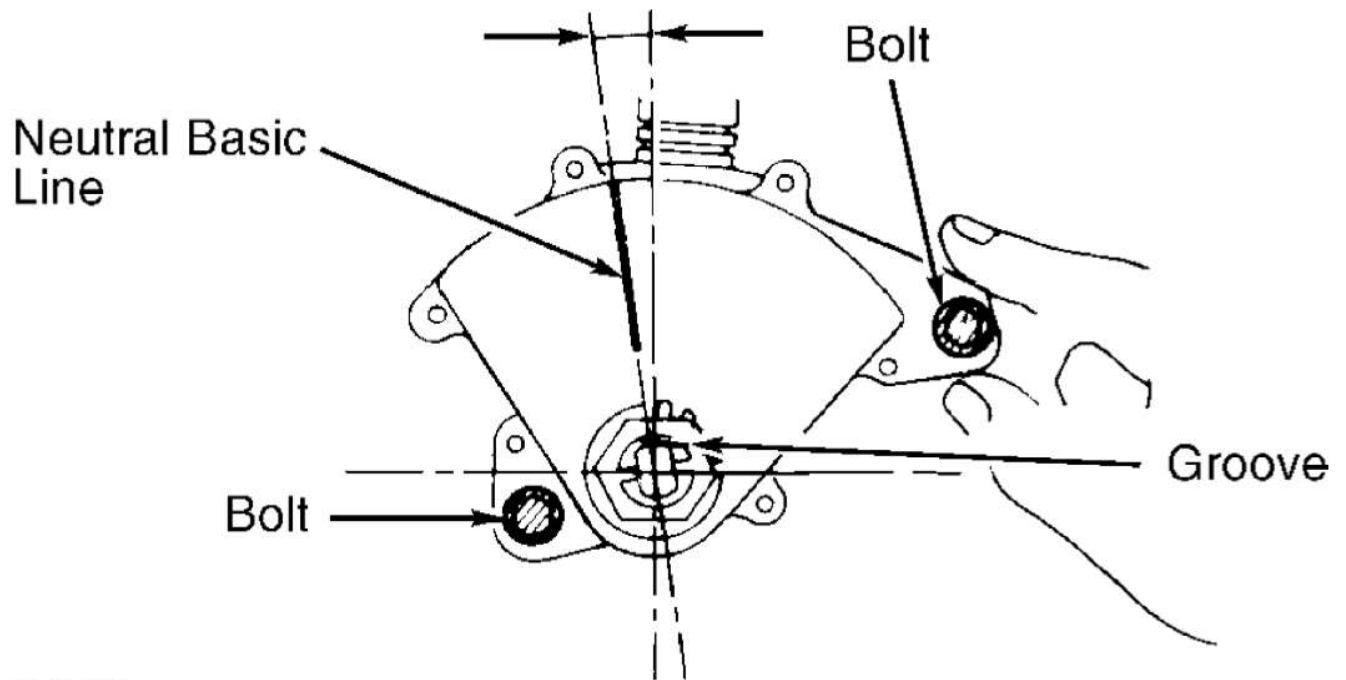
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Fig. 4: Marking New Throttle Cable
 Courtesy of Toyota Motor Sales, U.S.A., Inc.

NEUTRAL SAFETY SWITCH

Loosen neutral safety switch bolts. Position shift lever in "N". Align switch shaft groove to neutral basic line. See Fig. 5.

Tighten adjusting bolt.



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Fig. 5: Adjusting FWD Neutral Safety Switch (RWD Adjustment Is Similar)
Courtesy of Toyota Motor Sales, U.S.A., Inc.