

# TRANSMISSION SERVICING - M/T

## 1998 Toyota Supra

1997-98 TRANSMISSION SERVICING  
Manual Transmission

1997: Paseo  
1997-98: Camry, Celica, Corolla, Supra, RAV4, Tacoma,  
Tercel, T100, 4Runner

### IDENTIFICATION

#### MANUAL TRANSMISSION APPLICATIONS

Model	Transmission/Transaxle
Camry	
2.2L 4-Cyl. ....	5-Speed - S51
3.0L V6 ....	5-Speed - E153
Celica	
1997 Models	
1.8L (7A-FE) ....	5-Speed - C52
2.2L (5S-FE) ....	5-Speed - S54
1998 Models	
2.2L 4-Cyl. ....	5-Speed - S54
Corolla	
1997 Models	
1.6L (4A-FE) ....	5-Speed - C50
1.8L (7A-FE) ....	5-Speed - C52
1998 Models	
1.8L 4-Cyl. ....	5-Speed - C59
Paseo ....	5-Speed - C150
RAV4	
2WD ....	5-Speed - E250
4WD ....	5-Speed - E250F
Supra	
1997 Models	
3.0L Non-Turbo ....	5-Speed - W58
3.0L Turbo ....	6-Speed - V160
1998 Models	
3.0L Turbo ....	6-Speed - V160
Tacoma	
2WD	
2.4L 4-Cyl. ....	5-Speed - W59
3.4L V6 ....	5-Speed - R150
4WD	
2.7L 4-Cyl. ....	5-Speed - W59
3.4L V6 ....	5-Speed - R150F
Tercel ....	5-Speed - C151
T100	
2WD	
2.7L 4-Cyl. ....	5-Speed - W59
3.4L V6 ....	5-Speed - R150
4WD ....	5-Speed - R150F
4Runner	
2WD	
2.7L 4-Cyl. ....	5-Speed - W59
4WD	
2.7L 4-Cyl. ....	5-Speed - W59
3.4L V6 ....	5-Speed - R150F

## LUBRICATION

### SERVICE INTERVALS

#### Transmission

Check transmission fluid level every 15,000 miles or 24 months. Service interval is not available for vehicles operated under normal conditions. Under severe conditions such as trailer towing, police, taxi, local delivery service or operating under dusty conditions, replace transmission fluid every 15,000 miles or 24 months.

#### Transfer Case

Check transfer case fluid level every 15,000 miles or 24 months. Service interval is not available for vehicles operated under normal conditions. Under severe conditions such as trailer towing, police, taxi, local delivery service or operating under dusty conditions, replace transfer case fluid every 15,000 miles or 24 months.

### CHECKING FLUID LEVEL

#### Transmission (All Models)

Remove filler plug from side of transmission. Fluid should be level with bottom edge of filler plug hole. If fluid is low, fill with proper type fluid until fluid is level with filler plug opening. See RECOMMENDED FLUID under LUBRICATION. Reinstall filler plug.

#### Transfer Case (RAV4)

Transfer case fluid level checking information is not available.

#### Transfer Case (Tacoma, T100 & 4Runner)

Remove filler plug located on rear of transfer case. Fluid should be level with bottom edge of filler plug hole. If fluid is low, fill with proper type fluid until fluid is level with filler plug opening. See RECOMMENDED FLUID under LUBRICATION. Reinstall filler plug.

### RECOMMENDED FLUID

For recommend fluid and transmission refill capacity, see FLUID APPLICATION table. For fluid capacity, see TRANSMISSION REFILL CAPACITIES table under FLUID CAPACITIES.

#### FLUID APPLICATION

Application		Fluid Type
Transmission		
Supra Turbo	.... ESSO ATF Dexron (D-21065) Or Toyota Gear Oil V160	
All Others	..... SAE 75W-90/API GL-5	Gear Oil
Transfer Case	..... SAE 75W-90/API GL-5	Gear Oil

### FLUID CAPACITIES

#### TRANSMISSION REFILL CAPACITIES (1)

Application	Qts. (L)
Camry	

2.2L 4-Cyl. ....	2.7 (2.6)
3.0L V6 ....	4.4 (4.2)
Celica	
1997 Models	
1.8L (7A-FE) ....	2.0 (1.9)
2.2L (5S-FE) ....	2.7 (2.6)
1998 Models	
2.2L 4-Cyl. ....	2.3 (2.2)
Corolla ....	2.0 (1.9)
Paseo ....	2.0 (1.9)
RAV4	
2WD ....	4.1 (3.9)
4WD ....	5.3 (5.0)
Supra	
Non-Turbo ....	2.7 (2.6)
Turbo ....	1.9 (1.8)
Tacoma	
2WD ....	2.7 (2.6)
4WD	
2.7L 4-Cyl. ....	2.6 (2.5)
3.4L V6 ....	2.3 (2.2)
Tercel ....	2.0 (1.9)
T100	
2WD ....	2.7 (2.6)
4WD ....	2.3 (2.2)
4Runner	
2.7L 4-Cyl. ....	2.7 (2.6)
3.4L V6 ....	2.3 (2.2)

(1) - Approximate capacity is listed.

#### TRANSFER CASE REFILL CAPACITIES (1)

Application	Qts. (L)
RAV4 ....	(2)
Tacoma ....	1.1 (1.0)
T100 ....	1.2 (1.1)
4Runner ....	1.1 (1.0)

(1) - Approximate capacity is listed.

(2) - Individual transfer case capacity is not available. Total capacity of transmission and transfer case are listed. See TRANSMISSION REFILL CAPACITIES table.

## TORQUE SPECIFICATIONS

#### TORQUE SPECIFICATIONS

Application	Ft. Lbs. (N.m)
Transmission Drain & Filler Plugs	
Camry ....	36 (49)
Celica	
1.8L (7A-FE) ....	29 (39)
2.2L (5S-FE) ....	36 (49)
Corolla ....	29 (39)
Paseo ....	29 (39)
RAV4 ....	36 (49)
Supra	

3.0L Non-Turbo .....	27 (37)
3.0L Turbo .....	29 (39)
Tacoma .....	27 (37)
Tercel .....	29 (39)
T100 & 4Runner .....	27 (37)

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