

1999 Toyota RAV4

1999-2000 MANUAL TRANSMISSION SERVICING Toyota

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Toyota

APPLICATION

MANUAL TRANSAXLE/TRANSMISSION APPLICATIONS

Application	Trans. Model
Camry & Solara	
2.2L	S51 5-Speed
3.0L	E153 5-Speed
Celica	
1999	
2.2L	S54 5-Speed
2000	
1.8L (1ZZ-FE)	C56 5-Speed
1.8L (2ZZ-GE)	C60 6-Speed
Corolla 1.8L	C59 5-Speed
ECHO 1.5L	C150 5-Speed
MR2 1.8L	C56 5-Speed
RAV4	
2WD	E250 5-Speed
4WD	E250F 5-Speed
Tacoma	
2WD	
2.4L & 2.7L	W59 5-Speed
3.4L	R150 5-Speed
4WD	
2.7L	W59 5-Speed
3.4L	R150F 5-Speed
Tundra	
2WD	R150 5-Speed
4WD	R150F 5-Speed
4Runner	
2WD 2.7L	W59 5-Speed
4WD	
2.7L	W59 5-Speed
3.4L	R150F 5-Speed

LUBRICATION

SERVICE INTERVALS

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Transmission/Transaxle

Check transmission fluid level every 30,000 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 30,000 miles or 24 months.

Transfer Case

Check transfer case fluid level every 30,000 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 30,000 miles or 24 months.

CHECKING FLUID LEVEL

Transmission/Transaxle (All Models)

Remove filler plug from side of transmission/transaxle. 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** . Reinstall filler plug.

Transfer Case (RAV4, Tacoma, Tundra & 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** . Reinstall filler plug.

RECOMMENDED FLUID

For recommended fluid, see **RECOMMENDED FLUID** table. For fluid capacity, see **TRANSAXLE/TRANSMISSION REFILL CAPACITIES** table under FLUID CAPACITIES.

RECOMMENDED FLUID

Application	Fluid Type
Transaxle/Transmission	SAE 75W-90/API GL-4 Or API GL-5 Gear Oil
Transfer Case	SAE 75W-90/API GL-4 Or API GL-5 Gear Oil

FLUID CAPACITIES

TRANSAXLE/TRANSMISSION REFILL CAPACITIES ⁽¹⁾

Application	Qts. (L)
Camry & Solara	
2.2L 4-Cylinder	2.3 (2.2)
3.0L V6	4.4 (4.2)
Celica	
1999	

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2.2L	2.3 (2.2)
2000	
5-Speed	2.0 (1.9)
6-Speed	2.4 (2.3)
Corolla	2.0 (1.9)
ECHO	2.0 (1.9)
MR2	
With Limited Slip Differential	1.9 (1.8)
Without Limited Slip Differential	2.0 (1.9)
RAV4	
2WD	4.1 (3.9)
4WD	5.3 (5.0)
Tacoma	
1999	
2WD	2.7 (2.6)
4WD	
2.7L 4-Cylinder	2.7 (2.6)
3.4L V6	2.3 (2.2)
2000	
2WD	2.7 (2.6)
4WD	
2.7L 4-Cylinder	2.6 (2.5)
3.4L V6	2.3 (2.2)
Tundra	
2WD	2.7 (2.6)
4WD	2.3 (2.2)
4Runner	
1999	
2WD	2.6 (2.5)
4WD	2.3 (2.2)
2000	
2WD	2.7 (2.6)
4WD	2.3 (2.2)
(1) Approximate capacity is listed.	

TRANSFER CASE REFILL CAPACITIES ⁽¹⁾

Application	Qts. (L)
RAV4	(2)
Tacoma	1.1 (1.0)
Tundra	1.1 (1.0)

4Runner	1.3 (1.2)
(1) Approximate capacity is listed. (2) Individual transfer case capacity is not available. Total capacity of transmission and transfer case are listed. See <u>FLUID CAPACITIES</u> .	

TORQUE SPECIFICATIONS

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Application	Ft. Lbs. (N.m)
Drain & Filler Plug	
Camry & Solara	36 (49)
Celica	
1999	
2.2L	36 (49)
2000	
1.8L	29 (39)
Corolla	29 (39)
ECHO	29 (39)
MR2	29 (39)
RAV4	36 (49)
Tacoma	27 (37)
Tundra	27 (37)
4Runner	27 (37)