

PREPARATION

EQUIPMENT

Belt tension gauge	
Dial indicator with magnetic base	
Micrometer	
Mirror	Brake hose
Steel square	
Thermometer	
Torque wrench	
Vernier calipers	

ENGINE COOLANT

Item	Capacity	Classification
22-R Ex. 4WD A/T 4WD A/T	8.4 liters (8.9 US qts, 7.4 Imp. qts) 9.1 liters (9.6 US qts, 7.0 Imp. qts)	Ethylene-glycol base
3VZ-E 2WD M/T 2WD A/T 4WD M/T 4WD A/T	9.9 liters (10.5 US qts, 8.7 Imp. qts) 9.7 liters (10.3 US qts, 8.5 Imp. qts) 10.0 liters (10.6 US qts, 8.8 Imp. qts) 9.8 liters (10.4 US qts, 8.6 Imp. qts)	

LUBRICANT

Item	Capacity	Classification
Engine oil 22R-E Drain and refill w/o Oil filter change w/ Oil filter change	3.8 liters (4.0 US qts, 3.3 Imp. qts) 4.3 liters (4.5 US qts, 3.8 Imp. qts)	API grade SG or SH, Energy-Con- serving II or ILSAC multigrade and recommended viscosity oil.
3VZ-E (2WD) Drain and refill w/o Oil filter change w/ Oil filter change	4.0 liters (4.2 US qts, 3.5 Imp. qts) 4.3 liters (4.5 US qts, 3.8 Imp. qts)	
3VZ-E (4WD) Drain and refill w/o Oil filter change w/ Oil filter change	4.2 liters (4.4 US qts, 3.7 Imp. qts) 4.5 liters (4.8 US qts, 4.0 Imp. qts)	

Manual transmission oil		
2WD	2.6 liters (2.7 US qts, 2.3 Imp. qts)	W55
W55	3.0 liters (3.2 US qts, 2.6 Imp. qts)	API GL-4
R150		SAE 75W-90 or 80W-90
4WD	3.9 liters (4.1 US qts, 3.4 Imp. qts)	G58, R150, R150F
G58	2.9 liters (3.1 US qts, 2.5 Imp. qts)	API GL-4
W56	3.0 liters (3.2 US qts, 2.6 Imp. qts)	SAE 75W-90
R150F		
Automatic transmission fluid		ATF DEXRON® II
2WD		
Drain and refill		
A43D	2.4 liters (2.5 US qts, 2.1 Imp. qts)	
A340E	1.6 liters (1.7 US qts, 1.4 Imp. qts)	
4WD		
A340H	4.5 liters (4.8 US qts, 4.0 Imp. qts)	
A340F	2.0 liters (2.1 US qts, 1.8 Imp. qts)	
Transfer oil		Ex. 3VZ-E:
Ex. 3VZ-E A/T (RF1A type)	1.6 liters (1.7 US qts, 1.4 Imp. qts)	API GL-4 or GL-5
Ex. 3VZ-E A/T (VF1A type)	1.1 liters (1.2 US qts, 1.0 Imp. qts)	SAE 75W-90
3VZ-E A/T (A340H)	0.8 liters (0.8 US qts, 0.7 Imp. qts)	3VZ-E:
		ATF DEXRON® II
Differential oil		w/o ADD:
2WD		API GL-5 hypoid gear oil
7.5 in.	1.35 liters (1.43 US qts, 1.19 Imp. qts)	Above
8.0 in. (2 pinion)	1.8 liters (1.9 US qts, 1.6 Imp. qts)	-18°C (0°F) SAE 90
8.0 in. (4 pinion)	2.2 liters (2.3 US qrs, 1.9 Imp. qts)	Below
4WD		-18°C (0°F) SAE 80W-90 or 80W
Front	Standard	A.D.D.:
	A.D.D.	Toyota "GGEAR OIL SUPER" oil or
Rear		hypoid gear oil API GL-5
		SAE 75W-90