

	A	179.2 to 189.2 (7.06 to 7.45)	185 to 195 (7.28 to 7.68)
	B	5.0 to 15.0 (0.197 to 0.591)	
	C	20.0 (0.787)	
mm (in.)		SAE J1703 or FMVSS No. 116 DOT3	
	A	164.7 to 174.7 (6.49 to 6.87)	
	B	1.0 to 6.0 (0.0394 to 0.236)	
	C*1	68 (2.68)	
mm (in.)		SAE J1703 or FMVSS No. 116 DOT3	
		7 to 9	
196 N (20 kgf, 44 lbf)			
	A	1.0 (0.039)	
	B	30 (1.181)	16 (0.63)
mm (in.)			
			1.0 (0.039)
			1.5 (0.059)
mm (in.)			
			211 (8.3)
			297 (11.693)
mm (in.)			
		26 to 52 (2.7 to 5.3, 19.2 to 38.4)	24 to 53 (2.4 to 5.4, 17.7 to 39.1)
N*m (kgf*cm, ft*bf)		Steel wheels 209 (2131, 154) Aluminum wheels 131 (1336, 97)	
		21VD-FTV	
		1HZ	
		2.7 (2.9, 2.4)	2.2 (2.3, 1.9)
liter (US qts, Imp. qts)		API GL-4 or GL-5 SAE 75W-90	
		1.5 (1.6, 1.3)	2.1 (2.2, 1.8)
liter (US qts, Imp. Qts)		API GL-4 or GL-5 SAE 75-W90	API GL-4 or GL-5 SAE 90

2.80 to 2.90 (2.96 to 3.07, 2.46 to 2.55)		w/ LSD 2.35 to 2.45 (2.48 to 2.59, 2.07 to 2.16) w/o LSD 2.25 to 2.35 (2.38 to 2.48, 1.98 to 2.07)	
liter (US qts, Imp. qts)		w/ LSD API GL-5 w/o LSD API GL-5 (for limited slip differential)	
		HZJ, VDJ	
		40 (1.6)	
mm (in.)		HZJ, VDJ	
	A	1°00'±45' (1.00°±0.75°)	
	B	13°00'±45' (13.00°±0.75°)	
	C	4°20'±60' (4.33°±1.00°)	
	D	29°00' to 32°00' (29.00° to 32.00°)	
	E+F	0°00'±12' (0.00°±0.2°)	
	G-H	0°12'±12' (0.20°±0.2°)	
mm (in.)		0±2 (0.00±0.0787)	
		2±2 (0.0787±0.0787)	
		Unladen vehicle	Fully laden vehicle
		Please refer to the Repair Manual Pub. No. RM0580E (Service Specification)	
		KPa (kgf/cm ² , or bar psi)	

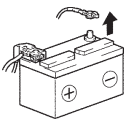
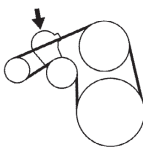
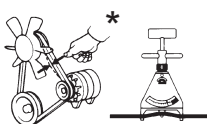
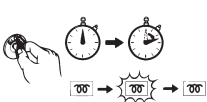
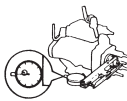
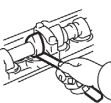
*1 When brake pedal is depressed with the force of 490 N (50 kgf, 110 lbf) while the engine is running.

LAND CRUISER

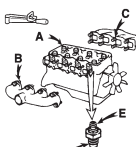
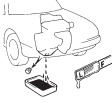
Diesel

HZJ 71, 76, 77, 78
VDJ 76, 78, 79

2007/01-

		VDJ	HZJ
			
 20°C (68°F)		1.25 to 1.29	
		1VD-FTV	1HZ
cm ³ or CC (cu. in.)		4461 (272.2)	4164 (254.0)
			
 mm (in.) N (kgf)			
			
 20°C (68°F) Ω		1.0	0.75 (12V) 3.1 (24V)
 28°C (82°F) secs.		1.0	Malaysia, Bangladesh 1.0 Other 2.4
 mm(in.)			
			
 kPa (kgf/cm ² , psi)			
			
 mm (in.)			

*1 ACSD: Automatic Cold Start Device.

 rpm	 1 3 5 2 4 R	500 to 600	600 to 700
		4700 to 4900	4500 to 4700
 kPa (kgf/cm ² , psi)		2700 (27.5, 392)	3628 (37.0, 526)
		2200 (22.4, 319)	2648 (27.0, 384)
		500 (5.1, 73)	490 (5.0, 71)
 N*m (kgf*m, ft*bf)	A	1: 80 (816, 59) 2: 90° 3: 90° 4: 90°	1: 68.6 (700, 51) 2: 90° 3: 90°
	B	21 (214, 15)	19.6 (200, 14)
	C	36 (367, 27)	41.7 (425, 31)
	D		63.7 (650, 47)
	E	25 (255, 18)	46.6 (475, 34)
 kPa (kgf/cm ² , psi)		50 (0.5, 7.3)	29 (0.3, 4.3)
		2500 rpm 230 (2.3, 33.3)	3,000 rpm 250 to 600 (2.5 to 6.1, 36 to 87)
		1VD-FTV	1HZ
 liter (US qts, Imp. qts)		8.5 (9.0, 7.5)	10.0 (10.6, 8.8)
		9.5 (10.0, 8.4)	11.3 (11.9, 9.9)
		API CF-4, CF or ACEA B1 (You may also use API CE or CD)	G -DLD-1 API CF-4 or CF (You may also use API CE or CD)
 liter (US qts, Imp. qts)	 1 3 5 2 4 R	14.8 (15.6, 13.0)	w/ Front Heater 13.8 (14.6, 12.1) w/ Front and Rear Heater 14.9 (15.7, 13.1) w/o Heater 12.7 (13.4, 11.2)