

	A	179.6 to 189.6 (7.070 to 7.464)	
	B	5 to 15 (0.20 to 0.60)	
	C	25 (0.98)	
mm (in.)		SAE J1703 or FMVSS No. 116 DOT3	
	A	152.9 to 162.9 (6.020 to 6.413)	M/T 156.9 to 166.9 (6.177 to 6.571) A/T 158.1 to 168.1 (6.224 to 6.618)
	B	1 to 6 (0.04 to 0.24)	
	C ^{*1}	2WD 78 (3.07) 4WD 85 (3.347)	2WD 82 (3.23) 4WD 89 (3.50)
mm (in.)		SAE J1703 or FMVSS No. 116 DOT3	
		7 to 9	
	A	1.0 (0.039)	
	B	26 (1.02)	23 (0.91)
mm (in.)		1.0 (0.039)	
	mm (in.)	256 (10.079)	297 (11.693)
		4 × 2	4 × 4
	N-m (kgf-m, ft-lbf)	^{*2} 152 (15.5, 112) ^{*3} 121 (12.3, 89)	105 (10.7, 77)
		TGN	GGN
	liter (US qts, Imp. qts)	1TR-FE 2.2 (2.3, 1.9) 2TR-FE 2WD 2.6 (2.7, 2.3) 4WD 2.2 (2.3, 1.9)	2WD 2.6 (2.7, 2.3) 4WD 2.2 (2.3, 1.9)
		API GL-4 or GL-5 SAE 75W-90	
	liter (US qts, Imp. qts)		Up to 3.0 (3.2, 1.9)
			Toyota Genuine ATF WS

		1.0 (1.1, 0.9)	
	liter (US qts, Imp. qts)	Hypolid gear oil API GL-4 or GL-5 SAE 75W-90	
	w/o A.D.D. 1.40 to 1.50 (1.48 to 1.59, 1.23 to 1.31)	2WD	3.15 to 3.25 (3.30 to 3.43, 2.77 to 2.86)
	w/ A.D.D. 1.66 to 1.70 (1.69 to 1.80, 1.40 to 1.50)	4WD	3.30 to 3.40 (3.49 to 3.59, 2.90 to 2.99)
liter (US qts, Imp. qts)		Hypolid gear oil API GL-4 or GL-5 SAE 90 (0/-18°C (0°F)) SAE 80W-90 (0/-18°C (0°F))	
mm (in.)	(A)	37 (377, 27)	
	(B)	20 (204, 15)	
	(C)	37 (377, 27)	
	(D)	39 (400, 29)	49 (500, 36)
N-m (kgf-m, ft-lbf)			
		TGN, GGN	
	mm (in.)	30 (1.2)	
	A	Please refer to the Repair Manual Pub. No. RM1173E (Service Specification)	
	B		
	C		
	D		
	E+F		
	G-H		
	195R14C (8PR 106/104S)	2WD	Single cab 240 (2.4, 35) 300 (3.0, 44)
			Extra cab and double cab 260 (2.6, 38) 260 (2.6, 38)
	205/70R15C (8PR 106/104S)	2WD	Single cab 240 (2.4, 35) 330 (3.3, 48)
			Extra cab and double cab 260 (2.6, 38) 290 (2.9, 42)
	205R16C (8PR 110/108S)	4WD	240 (2.4, 35) 240 (2.4, 35)
kPa (kgf/cm², psi)	255/70R15C (112/110S)		200 (2.0, 29) 200 (2.0, 29)




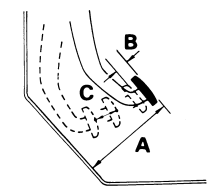




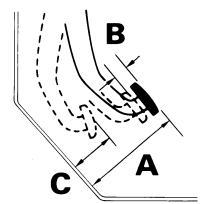


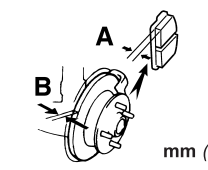




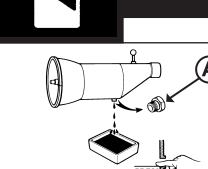
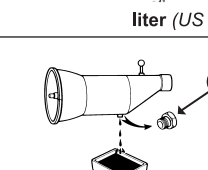
*1 When brake pedal is depressed with the force of 490 N (50 kgf, 110 lbf) while the engine is running. *2 Steel wheels *3 Alumin wheels

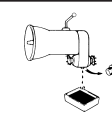
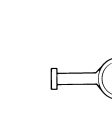
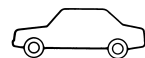




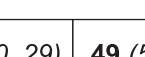


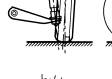
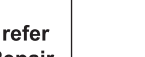
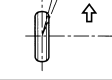
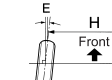


		TGN	GGN
		1.25 to 1.29	
20°C (68°F)			
		1TR-FE	2TR-FE
cm ³ or cc (cu. in.)		1998 (121.9)	2694 (164.4)
	DENSO	K20HR-U11	K20HR-U11
	NGK	—	LFR6C11
	A mm (in.)	1.0 to 1.1 (0.039 to 0.043)	
		3 to 7° [DLC3 Terminals 13 (TC) - 4 (CG) connected]	
BTDC		8 to 12° [DLC3 Terminals 13 (TC) - 4 (CG) connected]	
		—	0.15 to 0.25 (0.006 to 0.010)
		—	0.29 to 0.39 (0.011 to 0.015)
rpm		650 to 750	650 to 700
rpm		600 to 750	600 to 750

		1230 (12.5, 178)	1300 (13.3, 189)
		↑ 880 (9.0, 128)	↑ 1000 (12.5, 178)
kPa (kgf/cm ² , psi)		↓ 98 (1.0, 14)	↓ 100 (12.5, 178)
		↑ 29 (0.3, 4.2)	
		3,000 rpm	160 to 490 (1.6 to 5.0, 23 to 71)
kPa (kgf/cm ² , psi)		294 to 588 (3.0 to 6.0, 43 to 85)	
		1TR-FE	2TR-FE
		5.3 (5.6, 4.7)	
		5.2 (5.5, 4.6)	
		5.6 (5.9, 4.9)	
		5.5 (5.8, 4.8)	
		20W-50 and 15W-40 API grade SJ or SL multigrade engine oil	
		10W-30 and 5W-30 API grade SJ "Energy-Conserving", SL "Energy-Conserving" or ILSAC ³ multigrade engine oil	
liter (US qts, Imp. qts)		37.5 (382, 28)	
N·m (kgf·cm, ft·lbf)		40 (408, 30)	
		7.0 (7.4, 6.2)	7.0 (7.4, 6.2)
		8.5 (9.0, 7.5)	8.5 (9.0, 7.5)
		7.3 (7.7, 6.4)	
		9.8 (10.4, 8.6)	
liter (US qts, Imp. qts)		7.3 (7.7, 6.4)	
		9.8 (10.4, 8.6)	

*1 Initialization required. Refer to the repair manual for the initialization procedures. *2 Calibrate Compass

*3 ILSAC: International Standardization and Approval Committee

		
	A	179.6 to 189.6 (7.070 to 7.464)
	B	5 to 15 (0.20 to 0.60)
	C	25 (0.98)
mm (in.) 	SAE J1703 or FMVSS No. 116 DOT3	
		
	A	152.9 to 162.9 (6.020 to 6.413)
	B	1 to 6 (0.04 to 0.24)
	C ^{*1}	2WD 78 (3.07) 2WD 82 (3.23) 4WD 85 (3.35) 4WD 89 (3.50)
mm (in.) 	SAE J1703 or FMVSS No. 116 DOT3	
	7 to 9	
200 N (20 kgf, 45 lbf)		
	A	1.0 (0.039)
	B	26 (1.02) 23 (0.91)
mm (in.)	1.0 (0.039)	
	1.0 (0.039)	
mm (in.)	256 (10.079)	297 (11.693)
	4 × 2	4 × 4
	^{*2} 152 (15.5, 112)	105 (10.7, 77)
N-m (kgf-m, ft-lbf)	^{*3} 121 (12.3, 89)	
	1KD-FTV	2KD-FTV
	1 3 5 2 4 R	2WD 2.6 (2.7, 2.3) 4WD 2.2 (2.3, 1.9)
liter (US qts, Imp. qts)	API GL-4 or GL-5 SAE 75W-90	
	Up to 2.0 (2.1, 1.8)	
liter (US qts, Imp. qts)	Toyota Genuine ATF WS	

	1.0 (1.1, 0.9)		
liter (US qts, Imp. qts)	Hypolid gear oil API GL-4 or GL-5 SAE 75W-90		
			
	w/o A.D.D. 1.40 to 1.50 (1.48 to 1.59, 1.23 to 1.31)	2WD 3.15 to 3.25 (3.30 to 3.43, 2.77 to 2.86)	
	w/ A.D.D. 1.66 to 1.70 (1.69 to 1.80, 1.40 to 1.50)	4WD 3.30 to 3.40 (3.49 to 3.59, 2.90 to 2.99)	
liter (US qts, Imp. qts)	Hypolid gear oil API GL-4 or GL-5 SAE 90 (0⁻¹⁸C (0⁻¹⁸F)) SAE 80W-90 (0⁻¹⁸C (0⁻¹⁸F))		
	(A)	37 (377, 27)	
	(B)	20 (204, 15)	
	(C)	37 (377, 27)	
	(D)	39 (400, 29) 49 (500, 36)	
N-m (kgf-m, ft-lbf)			
	KUN		
mm (in.)	30 (1.2)		
			
	A	Please refer to the Repair Manual Pub. No. RM1173E (Service Specification)	
	B		
	C		
	D		
	E+F		
	G-H		
			
	195R14C (8PR 106/104S)	2WD	Single cab 240 (2.4, 35) 300 (3.0, 44)
			Extra cab and double cab 260 (2.6, 38) 260 (2.6, 38)
	205/70R15C (8PR 106/104S)	2WD	Single cab 240 (2.4, 35) 330 (3.3, 48)
			Extra cab and double cab 260 (2.6, 38) 290 (2.9, 42)
	205R16C (8PR 110/108S)	4WD	240 (2.4, 35) 240 (2.4, 35)
	255/70R15C (112/110S)		200 (2.0, 29) 200 (2.0, 29)
kPa (kgf/cm ² , psi)			

*1 When brake pedal is depressed with the force of 490 N (50 kgf, 110 lbf) while the engine is running. *2 Steel wheels *3 Aluminum wheels

		KUN	
		1.25 to 1.29	
	20°C (68°F)		
	cm³ or cc (cu. in.)	1KD-FTV	2KD-FTV
		2982 (182.0)	2494 (152.2)
	20°C (68°F)	0.95	
	Ω		
	20°C (68°F)	3.0	
	secs		
		0.20 to 0.30 (0.008 to 0.012)	
		0.35 to 0.45 (0.014 to 0.018)	
		650 to 750	
		700 to 800	
		4450 to 4750	
	mm (in.)		
	rpm		

		2700 (27.5, 391)	
		2200 (22.5, 320)	
		500 (5.0, 71)	
	kPa (kgf/cm², psi)		
		29 (0.3, 4.2)	
		3,000 rpm	
		245 (2.5, 36)	
	kPa (kgf/cm², psi)		
		1KD-FTV	2KD-FTV
		6.6 (7.0, 5.8)	
		6.9 (7.3, 6.1)	
	liter (US qts, Imp. qts)		
G-DLD1, API CF-4 or CF (You may also use API CE or CD)			
		34 (347, 25)	
		N·m (kgf·cm, ft·lbf)	
		9.8 (10.4, 8.6)	9.0 (9.5, 7.9)
		11.1 (11.7, 9.8)	—
	liter (US qts, Imp. qts)		

*1 Initialization required. Refer to the repair manual for the initialization procedures. *2 Calibrate Compass