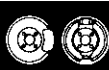
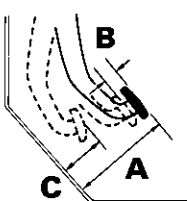
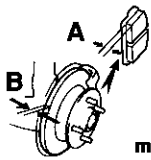
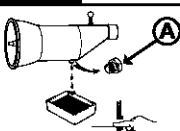
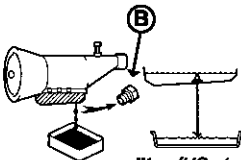
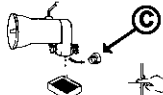
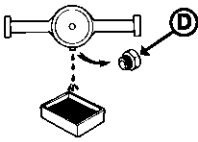
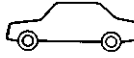
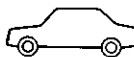
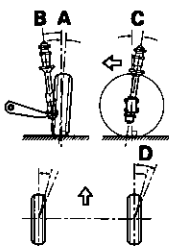
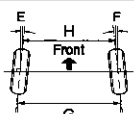
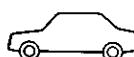
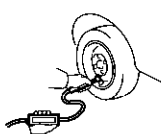
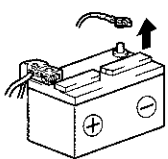
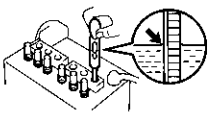
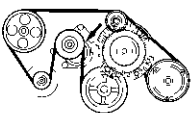
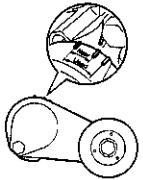
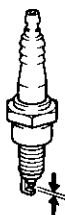
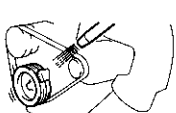
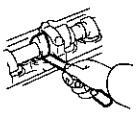
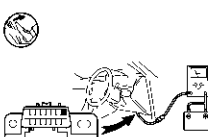
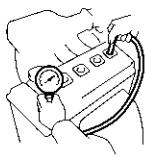
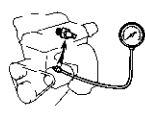
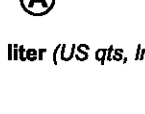
	A	179.6 to 189.6 (7.070 to 7.464)			
	B	5 to 15 (0.20 to 0.60)			
	C	± 25 (0.98)			
mm (in.) 		SAE J1703 or FMVSS No. 116 DOT3			
					
	A	152.9 to 162.9 (6.020 to 6.413)	M/T 156.9 to 166.9 (6.177 to 6.571) A/T 158.1 to 168.1 (6.224 to 6.618)		
	B	1 to 6 (0.04 to 0.24)			
	C**	2WD ± 78 (3.07) 4WD ± 85 (3.347)	2WD ± 82 (3.23) 4WD ± 89 (3.50)		
mm (in.) 		SAE J1703 or FMVSS No. 116 DOT3			
 200 N (20 kgf, 45 lbf)		7 to 9			
	A	± 1.0 (0.039)			
mm (in.)	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		
		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)		
liter (US qts, imp. qts)		API GL-4 or GL-5 SAE 75W-90			
		_____	Up to 3.0 (3.2, 1.9)		
liter (US qts, imp. qts)		_____	Toyota Genuine ATF WS		

 liter (US qts, Imp. qts)		1.0 (1.1, 0.9)			
		Hypolid gear oil API GL-4 or GL-5 SAE 75W-90			
 liter (US qts, Imp. qts)					
		w/o A.D.D. 1.40 to 1.50 <i>(1.48 to 1.59, 1.23 to 1.31)</i>	2WD	3.15 to 3.25 <i>(3.30 to 3.43, 2.77 to 2.86)</i>	
		w/ A.D.D. 1.66 to 1.70 <i>(1.69 to 1.80, 1.40 to 1.50)</i>	4WD	3.30 to 3.40 <i>(3.49 to 3.58, 2.90 to 2.99)</i>	
liter (US qts, Imp. qts)		Hypolid gear oil API GL-4 or GL-5 SAE 90 (Ⅱ-18°C (0°F)) SAE 80W-90 (Ⅲ-18°C (0°F))			
		Ⓐ	37 (377, 27)		
		Ⓑ	20 (204, 15)		
		Ⓒ	37 (377, 27)		
N-m (kgf-m, ft-lbf)		Ⓓ	39 (400, 29)	49 (500, 36)	
		TGN, GGN			
 mm (in.)		Ⅱ 30 (1.2)			
					
		A	Please refer to the Repair Manual Pub. No. RM1173E (Service Specification)		
		B			
		C			
		D			
		E+F			
		G-H			
					
		195R14C <i>(8PR 106/104S)</i>	2WD	Single cab 240 <i>(2.4, 35)</i>	300 <i>(3.0, 44)</i>
		205/70R15C <i>(8PR 106/104S)</i>	2WD	Extra cab and double cab 260 <i>(2.6, 38)</i>	260 <i>(2.6, 38)</i>
		205R16C <i>(8PR 110/108S)</i>	4WD	Single cab 240 <i>(2.4, 35)</i>	330 <i>(3.3, 48)</i>
kPa (kgf/cm², psi)		255/70R15C <i>(112/110S)</i>		Extra cab and double cab 260 <i>(2.6 38)</i>	290 <i>(2.9, 42)</i>
				240 <i>(2.4, 35)</i>	240 <i>(2.4, 35)</i>
				200 <i>(2.0, 29)</i>	200 <i>(2.0, 29)</i>

*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

		TGN	GGN
			
		1.25 to 1.29	
20°C (68°F)			
		1TR-FE	2TR-FE
cm³ or cc (cu. in.)		1998 (121.9)	2694 (164.4)
			
	DENSO	K20HR-U11	K20HR-U11
	NGK	—	LFR6C11
	A	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	600 to 750

		1230 (12.5, 178)	1300 (13.3, 189)
		880 (9.0, 128)	1000 (12.5, 178)
		98 (1.0, 14)	100 (12.5, 178)
kPa (kgf/cm², psi)			
		29 (0.3, 4.2)	
		160 to 490 (1.6 to 5.0, 23 to 71)	294 to 588 (3.0 to 6.0, 43 to 85)
			
kPa (kgf/cm², psi)			
		1TR-FE	2TR-FE
		1GR-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)	40 (408, 30)
			
			
N-m (kgf-cm, ft-lbf)			
		7.0 (7.4, 6.2)	7.0 (7.4, 6.2)
		8.5 (9.0, 7.5)	
			
liter (US qts, Imp. qts)			
		7.3 (7.7, 6.4)	9.8 (10.4, 8.6)
			
			

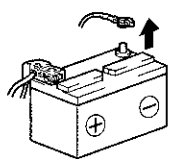
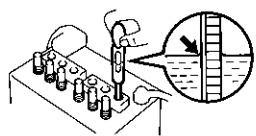
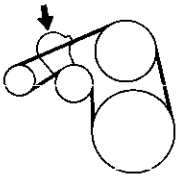
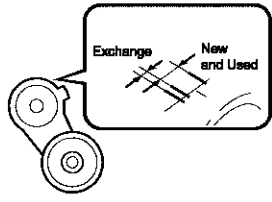
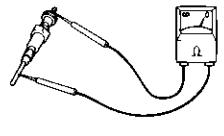
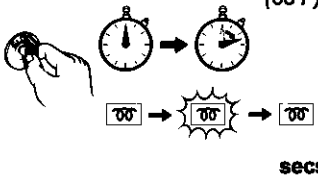
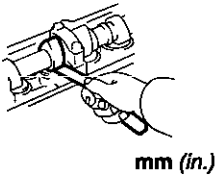
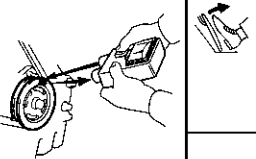
*1 Initialization required. Refer to the repair manual for the initialization procedures. *2 Calibrate Compass

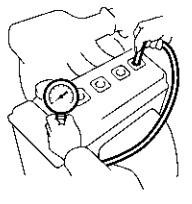
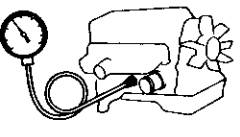
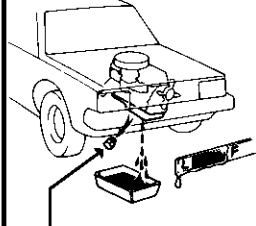
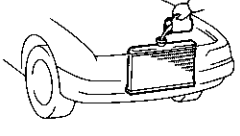
*3 ILSAC: International Standardization and Approval Committee

	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)	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 (3.35)	2WD 82 (3.23) 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)	
mm (in.)		256 (10.079)	297 (11.693)
4 × 2		4 × 4	
		^{*2} 152 (15.5, 112) ^{*3} 121 (12.3, 89)	105 (10.7, 77)
N-m (kgf-m, ft-lbf)			
		1KD-FTV	2KD-FTV
	A	2WD 2.6 (2.7, 2.3) 4WD 2.2 (2.3, 1.9)	2.2 (2.3, 1.9)
	B	API GL-4 or GL-5 SAE 75W-90	
liter (US qts, imp. qts)		Up to 2.0 (2.1, 1.8)	
		Toyota Genuine ATF WS	
liter (US qts, imp. qts)			

		1.0 (1.1, 0.9)	
liter (US qts, imp. qts)		Hypoid 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)		Hypoid gear oil API GL-4 or GL-5 SAE 90 (W-18°C (0°F)) SAE 80W-90 (W-18°C (0°F))	
	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	
		30 (1.2)	
mm (in.)			
	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) Extra cab and double cab 260 (2.6, 38)
	205/70R15C (8PR 106/104S)	2WD	Single cab 240 (2.4, 35) Extra cab and double cab 260 (2.6, 38)
	205R16C (8PR 110/108S)	4WD	240 (2.4, 35)
	255/70R15C (112/110S)		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)	
	1KD-FTV
cm³ or cc (cu. in.)	2982 (182.0)
	2KD-FTV
	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)
mm (in.)	0.35 to 0.45 (0.014 to 0.018)
	650 to 750
rpm	700 to 800
	4450 to 4750

		2700 (27.5, 391)
		2200 (22.5, 320)
kPa (kgf/cm², psi)		500 (5.0, 71)
		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)
liter (US qts, Imp.qts)		6.9 (7.3, 6.1)
G-DLD1, API CF-4 or CF (You may also use API CE or CD)		
N·m (kgf-cm, ft-lbf)		34 (347, 25)
		9.8 (10.4, 8.6)
liter (US qts, Imp.qts)		11.1 (11.7, 9.8)

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