
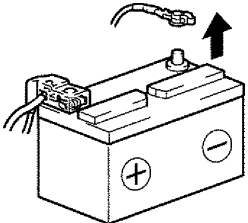










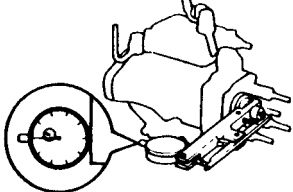

























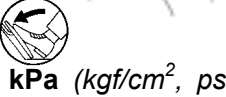





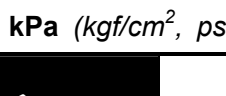











Land Cruiser

Diesel

HZJ105  
HDJ100



		HZJ	HDJ
 <sup>*1</sup>		—	VGRS <sup>*2</sup>
		 <sup>*3</sup>	
		1.25 to 1.29	
		1HZ	1HD-FTE
cm <sup>3</sup> or cc (cu. in.)		4164 (254.1)	
 <sup>*</sup>		8 to 11 (0.31 to 0.43) ※196 to 343 (20 to 35)	
 mm (in.)    N (kgf)		 16 to 22 (0.63 to 0.87) ※196 to 392 (20 to 40)	 13 to 18 (0.51 to 0.71) ※196 to 392 (20 to 40)
 20°C (68°F) Ω		0.75	—
 20°C (68°F) secs		2.4	0.5
 mm (in.)		w/ ACSD 0.65 to 0.71 (0.0256 to 0.0280)  w/o ACSD 0.85 to 0.91 (0.0335 to 0.0358)	—
		   	   
		M/T, A/T (White Indication Ring) 14220 to 15220 (145 to 155, 2061 to 2203) A/T (Brown Indication Ring) 15200 to 16181 (155 to 165, 2205 to 2347)	17162 to 18142 (175 to 185, 2489 to 2632)
 kPa (kgf/cm <sup>2</sup> , psi)		 M/T, A/T (White Indication Ring) 14710 to 15690 (150 to 160, 2133 to 2276) A/T (Brown Indication Ring) 15690 to 16671 (160 to 170, 2276 to 2418)	17652 to 18633 (180 to 190, 2560 to 2702)

			0.15 to 0.25 (0.006 to 0.010)	0.17 to 0.23 (0.007 to 0.009)
mm (in.)			0.35 to 0.45 (0.014 to 0.018)	0.47 to 0.53 (0.019 to 0.021)
			600 to 700	550 to 650
			660 to 760	550 to 650
			4500 to 4700	4200 to 4400
rpm				
			3628 (37.0, 526)	3432 (35.0, 498)
 kPa (kgf/cm <sup>2</sup> , psi)			↑ 2648 (27.0, 384)	↑ 2452 (25.0, 356)
			↓ 490 (5.0, 71)	
			↑ 29 (0.3, 4.2)	
		3,000 rpm	250 to 600 (2.5 to 6.1, 36 to 87)	
				
			8.0 (8.5, 7.0)	10.1 (10.8, 8.9)
			9.3 (9.8, 8.2)	11.4 (12.0, 10.0)
			API CF-4, CF <sup>*4</sup> or G-DLD-1 (You may also use API CE or CD)	
liter (US qts, Imp. qts)			34 (350, 25)	
N·m (kgf·cm, ft·lbf)		A		
			w/o Rear Heater 12.4 (13.1, 10.9) Australia Model 12.9 (13.6, 11.3)	w/o Rear or Power Heater 13.2 (14.0, 11.6)
			w/ Rear Heater 12.9 (13.6, 11.3) Australia Model 13.4 (14.2, 11.8)	w/ Rear Heater 13.7 (14.5, 12.1)
				w/ Power Heater 14.2 (15.0, 12.6)
liter (US qts, Imp. qts)				w/o Rear or Power Heater 12.8 (13.5, 11.3)
				w/ Rear Heater 13.3 (14.1, 11.7)
				w/ Power Heater 13.8 (14.6, 12.1)

<sup>\*1</sup> Initialization required. Refer to the repair manual for the initialization procedures.

<sup>\*2</sup> VGRS: Variable Gear Ratio Steering System

<sup>\*3</sup> Sliding Roof System

<sup>\*4</sup> Australia

	A	196 to 206 (7.72 to 8.11)	197.5 to 207.5 (7.78 to 8.17)
	B	5 to 15 (0.20 to 0.60)	
	C	25 (0.98)	
mm (in.)		SAE J1703 or FMVSS No. 116DOT3	
	A	190.2 to 200.2 (7.49 to 7.88)	183.7 to 193.7 (7.23 to 7.63)
	B	1 to 6 (0.04 to 0.24)	
	C*1	w/ ABS 121 (4.8) w/o ABS 98 (3.9)	w/ ABS 116 (4.6) w/o ABS 94 (3.7)
mm (in.)		SAE J1703 or FMVSS No. 116DOT3	
		4 to 6	
196 N (20 kgf, 44.1 lbf)			
	A	1.0 (0.039)	
	B	30.0 (1.181)	16.0 (0.630)
mm (in.)			1.0 (0.039)
			1.5 (0.059)
			231.0 (9.09)
			297.0 (11.693)
	RFS*2	26 to 52 (2.7 to 5.3, 6.4 to 11.7)	RFS*2 24 to 52 (2.4 to 5.3, 6.4 to 11.7)
	IFS*3	42 to 67 (4.3 to 6.8, 9.5 to 15.0)	
N (kgf, lbf)			
		Aluminium Wheel 131 (13.4, 96.6) Steel Wheel 209 (21.3, 154.2)	
N•m (kgf-m, ft-lbf)			
		HZJ	HDJ
	2.2 (2.3, 1.9)	2.7 (2.9, 2.4)	
		API GL-4 or GL-5 SAE 75W-90	
liter (US qts, Imp. qts)			

		3.0 (3.2, 2.6)	
liter (US qts, Imp. qts)		Toyota Genuine ATF WS	
		HF1A (Part time) 1.5 (1.6, 1.3) HF2A (Full time) 1.3 (1.4, 1.1)	
liter (US qts, Imp. qts)		API GL-4 or GL-5 SAE 75W-90	
	RFS*2	w/ Differential Lock 2.65 (2.8, 2.3) w/o Differential Lock 2.8 (3.0, 2.5)	w/ Differential Lock 3.2 (3.4, 2.8) w/o Differential Lock 3.3 (3.5, 2.9)
	IFS*3	1.6 (1.7, 1.4)	
liter (US qts, Imp. qts)		Hypoid gear oil API GL-5 With LSD use LSD oil only SAE 90 ( -18°C (0°F)) SAE 80W or 80W-90 ( -18°C (0°F))	
N•m (kgf-cm, ft-lbf)	A	37 (380, 27)	
	B	27 (280, 20)*4 20 (204, 15)*5	
	C	37 (380, 27)	
	D	49 (500, 36)	
		HZJ, HDJ	
		40 (1.6)	
		mm (in.)	
		RFS*2	IFS*3
			w/o AHC*6 w/ AHC*6
	A	1°±45' (1°±0.75°)	0°05'±45' (0.08°±0.75°) 0°00'±45' (0°±0.75°)
	B	13°00'±45' (13°±0.75°)	12°10'±45' (12.17°±0.75°) 12°15'±45' (12.25°±0.75°)
	C	Australia 1°40'±45' (1.67°±0.75°) G.C.C. 2°30'±45' (2.50°±0.75°) Others 2°10'±45' (2.17°±0.75°)	Europe and Australia 2°10'±45' (2.17°±0.75°) Others 2°25'±45' (2.42°±0.75°) 3°05'±45' (3.08°±0.75°)
	D	35° <sup>+0°</sup> <sub>-3°</sub>	36°42' <sup>+0°</sup> <sub>-3°</sub>
	E + F	0°12'±12' (0.2°±0.2°)	0°06'±12' (0.1°±0.2°) 0°00'±12' (0.0°±0.2°)
	G - H mm (in.)	2 ± 2 (0.08±0.08)	1 ± 2 (0.04±0.08) 0 ± 2 (0±0.08)
	275/70R16 275/65R17 275/60R18	200 (2.0, 29)	220 (2.2, 32)
	LT235/85R16 108/104S 7.50R16-6PRLT	260 (2.6, 38)	375 (3.75, 54)
	7.50R16C 108/106Q6PR	240*7 (2.4, 35) 280*8 (2.9, 42)	320*7 (3.3, 48) 370*8 (3.8, 54)
	kPa (kgf/cm <sup>2</sup> or bar, psi)		

\*1 When brake pedal is depressed with force of 490 N (50 kgf, 110 lbf) while the engine is running. \*2 RFS: Rigid Front Suspension

\*3 IFS: Independent Front Suspension \*4 4-Speed Automatic \*5 5-Speed Automatic \*6 AHC: Active Height Control \*7 Unloaded \*8 Loaded