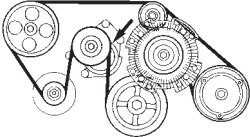
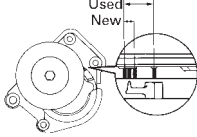
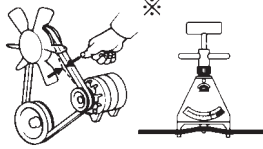



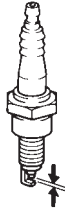
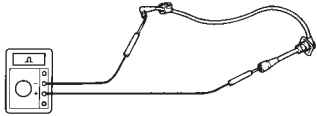
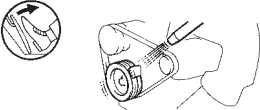
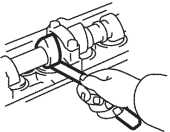



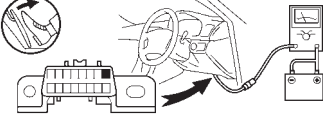

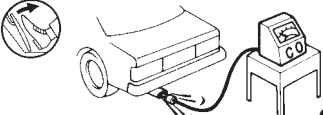

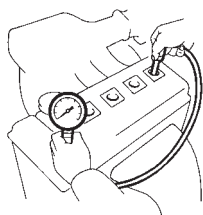



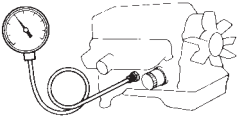


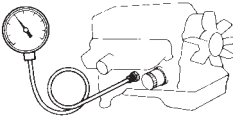


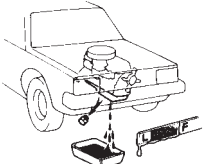


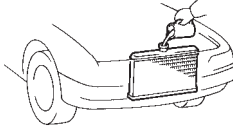


 cm ³ or CC (cu. in.)		1FZ-FE	2UZ-FE
		—	
 mm (in.) N (kgf)		15–20 (0.59–0.79)	—
		7–9.5 (0.28–0.37)	
		—	
 A mm (in.)	DENSO	K16TR11	w/ TWC*1 SK20R11 w/o TWC*1 K20R-U
	NGK	BKR5EKB-11	w/ TWC*1 IFR6A11 w/o TWC*1 BKR6EYA
	A	1.1 (0.043)	w/ TWC*1 1.1 (0.043) w/o TWC*1 0.8 (0.031)
 KΩ		↓ 25	—
 BTDC		(DLC3 Terminals 13 (TC)–4 (CG) Connected) 3°	(Check Connector TC–E1, Connected) 5–15°
 mm (in.)		0.15–0.25 (0.006–0.010)	
		0.25–0.35 (0.010–0.014)	
 rpm		 600–700	650–750
 CO%		 w/ TWC*1 ↓ 0.5*3 w/o TWC*1 1.0–2.0*3 (DLC3 Terminals 13 (TC)–4 (CG) Connected)	

		1176 (12.0, 171)	1324 (13.5, 192)
		↑ 882 (9.0, 128)	↑ 981 (10.0, 142)
		↓ 98 (1.0, 14)	
 kPa (kgf/cm ² , psi)		↑ 29 (0.3, 4.3)	
		245–490 (2.5–5.0, 36–71)	294–588 (3.0–6.0, 43–85)
	3,000 rpm		
 N·m (kgf-cm, ft-lbf)	A	 ① 39 (400, 29) ② 90° ③ 90°	 ① 32 (325, 24) ② 90° ③ 90°
	B	20 (210, 15)	18 (185, 13)
	C	39 (400, 29)	44 (450, 32)

		1FZ-FE	2UZ-FE
		6.9 (7.3, 6.1)	6.4 (6.8, 5.6)
		Australia 7.2 (7.6, 6.3) Others 7.4 (7.8, 6.5)	6.8 (7.2, 6.0)
	liter (US qts, Imp. qts)	API grade SJ, "Energy-Conserving", SL "Energy-Conserving" or ILSAC*2 multigrade engine oil	
 liter (US qts, Imp. qts)		G.C.C. 13.9 (14.7, 12.2) Others w/ o Rear heater 13.8 (14.6, 12.1) w/ Rear heater 14.3 (15.1, 12.6)	w/o Rear heater 15.2 (16.1, 13.4) w/ Rear heater 15.7 (16.6, 13.8)
		G.C.C. 13.5 (14.2, 11.9) Others w/ o Rear heater 13.4 (14.2, 11.8) w/ Rear heater 13.9 (14.7, 12.2)	w/o Rear heater 14.8 (15.6, 13.0) w/ Rear heater 15.3 (16.2, 13.5)

Land Cruiser

FZJ100 - 1000256~, 3001205~, 5025575~, 7001598~

FZJ105 - 2000550~, 5503772~ UZJ100 - 0133913~, 2016730~, 3512306~



	A	196-206 (7.72-8.11) 197.5-207.5 (7.78-8.17)
	B	5-15 (0.20-0.60)
	C	25 (0.98)
mm (in.)	SAE J1703 or FMVSS No. 116 DOT3	

	RFS*1	26-52 (2.7-5.3) (6.4-11.7)
	IFS*2	42-67 (4.3-6.8) (9.5-15.0)
	N (kgf, lbf)	24-52 (2.4-5.3) (6.4-11.7)
	Aluminium Wheel 131 (13.4, 96.6)	
	Steel Wheel 209 (21.3, 154.2)	
N-m (kgf-cm, ft-lbf)		

		FZJ, UZJ
		40 (1.6)
mm (in.)		

	A	190.2-200.2 (7.49-7.88) 183.7-193.7 (7.23-7.63)
	B	1-6 (0.04-0.24)
	C	121 (4.8) (w/ABS) 116 (4.6) (w/ABS) 98 (3.9) (w/o ABS) 94 (3.7) (w/o ABS)
mm (in.)	SAE J1703 or FMVSS No. 116 DOT3	

		FZJ, UZJ
		2.7 (2.9, 2.4)
liter (US qts, Imp. qts)		API GL-4 or GL-5 SAE 75W-90
		Europe 2.0 (2.1, 1.8) Others 6.0 (6.3, 5.3)
liter (US qts, Imp. qts)		ATF DII or DEXRON® III (DEXRON® II)

			RFS*1	IFS*2	
				FZJ	UZJ
				w/ AHC*3	
	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		1°40'±45' (1.67°±0.75°)	2°10'±45' (2.17°±0.75°)	3°05'±45' (3.08°±0.75°)
	D		35°±0° -3°	37°±0° -3°	
	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		2±2 (0.08±0.08)	1±2 (0.04±0.08)	0±2 (0±0.08)
	mm (in.)				

		4-6
196 N (20 kgf, 44 lbf)		
	A	1.0 (0.039)
	B	30.0 (1.181) 16.0 (0.630)
		1.0 (0.039)
		1.5 (0.059)
		231.0 (9.09)
		297 (11.693)

	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
	IFS*1	1.6 (1.7, 1.4)
	RFS*2	2.65 (2.8, 2.3) (w/ Differential Lock) 2.8 (3.0, 2.5) (w/o Differential Lock) 3.2 (3.4, 2.8) (w/ Differential Lock) 3.3 (3.5, 2.9) (w/o Differential Lock)
	liter (US qts, Imp. qts)	Hypoid gear oil API GL-5 With LSD use LSD oil only SAE 90 (18-18°C (0°F)) SAE 80W or 80W-90 (18-18°C (0°F))

Europe kPa (kgf/cm², psi)		275/70R16 114H	200 (2.0, 29) 220 (2.2, 32)
Australia kPa (kgf/cm², psi)		LT235/85R16 108/104S	260 (2.6, 38) 375 (3.8, 54)
		275/70R16 114S	200 (2.0, 29) 220 (2.2, 32)
		7.50R16C 108/106Q 6PR RGF	240 (2.4, 35) 280* (2.9, 42) 320 (3.3, 48) 370* (3.8, 54)
		LT235/85R 16 108/104S	180 (1.8, 25) 260 (2.6, 38) 375 (3.8, 54)
Others kPa (kgf/cm², psi)		7.50R 16-6PRLT	180 (1.8, 25) 220 (2.2, 32) 220 (2.2, 32)
		275/70R 16 114T	180 (1.8, 25) 200 (2.0, 29) 220 (2.2, 32)