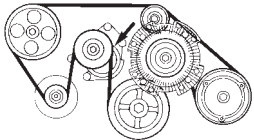
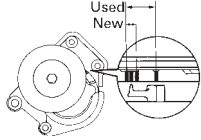
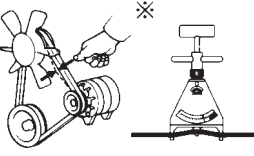


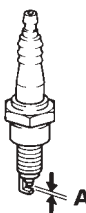
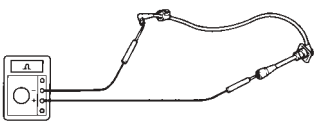
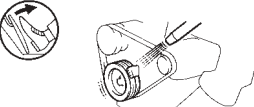
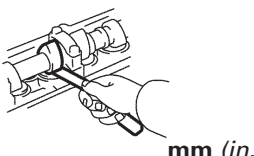


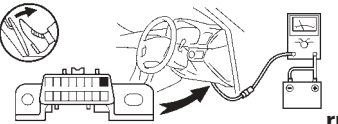

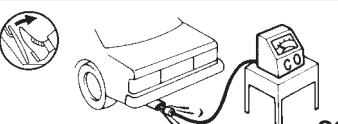

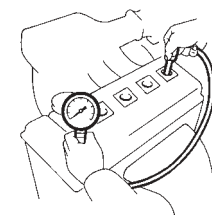



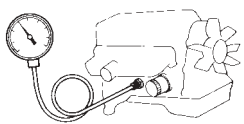


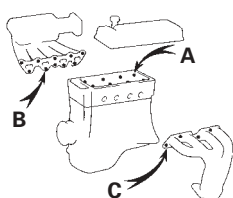

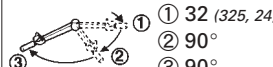
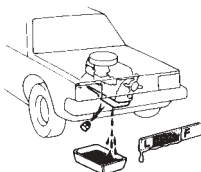


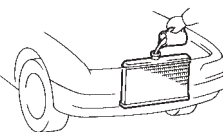


 cm <sup>3</sup> or CC (cu. in.)		1FZ-FE	2UZ-FE
		—	
 mm (in.)    N (kgf)		15–20 (0.59–0.79)	—
		7–9.5 (0.28–0.37)	
 A mm (in.)	DENSO	K16TR11	w/ TWC*1 SK20R11 w/o TWC*1 K20R-U
	NGK	BKR5EKB-11	w/ TWC*1 IFR6A11 w/o TWC*1 BKR6EYA
	A	1.1 (0.043)	w/ TWC*1 1.1 (0.043) w/o TWC*1 0.8 (0.031)
 KΩ		↓ 25	—
 BTDC		( 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)	650–750
		0.25–0.35 (0.010–0.014)	
 rpm		600–700	
 CO%		w/ TWC*1 w/o TWC*1	↓ 0.5*3 1.0–2.0*3

 kPa (kgf/cm <sup>2</sup> , psi)		1176 (12.0, 171)	1324 (13.5, 192)
		↑ 882 (9.0, 128)	↑ 981 (10.0, 142)
		↓ 98 (1.0, 14)	
 kPa (kgf/cm <sup>2</sup> , psi)		↑ 29 (0.3, 4.3)	
	3,000 rpm	245–490 (2.5–5.0, 36–71)	294–588 (3.0–6.0, 43–85)
			
 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
 liter (US qts, Imp. qts)		6.9 (7.3, 6.1)	6.4 (6.8, 5.6)
		7.4 (7.8, 6.5)	6.8 (7.2, 6.0)
		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*2 multigrade engine oil	
 liter (US qts, Imp. qts)		Middle East 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)
		14.0 (14.8, 12.3)	w/o Rear heater 14.8 (15.6, 13.0) w/ Rear heater 15.3 (16.2, 13.5)

# Land Cruiser

FZJ100 - 1000550~, 3004577~, 5085100~, 5085797~, 7004118~

FZJ105 - 2001497~, 5508899~ UZJ100 - 0145748~, 2050958~, 3535625~, 5504108~



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

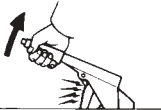
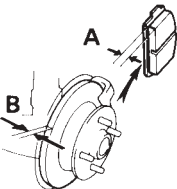




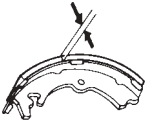


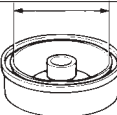


	RFS*1	
	26-52 (2.7-5.3) (6.4-11.7)	RFS*1
	IFS*2	
	42-67 (4.3-6.8) (9.5-15.0)	24-52 (2.4-5.3) (6.4-11.7)
N (kgf, lbf)	Aluminium Wheel 131 (13.4, 96.6)	
N·m (kgf-m, ft-lbf)	Steel Wheel 209 (21.3, 154.2)	

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

	<b>A</b>	190.2-200.2 (7.49-7.88)	183.7-193.7 (7.23-7.63)
	<b>B</b>	1-6 (0.04-0.24)	
	<b>C</b> *1	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)	
	API GL-4 or GL-5 SAE 75W-90	
	6.0 (6.3, 5.3)	3.0 (3.2, 2.6)
liter (US qts, Imp. qts)	Toyota Genuine ATF D-II or DEXRON®III (DEXRON®II)	
liter (US qts, Imp. qts)	Toyota Genuine ATF WS	

	RFS*1		IFS*2	
			FZJ	UZJ
	<b>A</b>	1°±45' (1°±0.75°)	0°05'±45' (0.08°±0.75°)	0°00'±45' (0°±0.75°)
	<b>B</b>	13°00'±45' (13°±0.75°)	12°10'±45' (12.17°±0.75°)	12°15'±45' (12.25°±0.75°)
	Australia	1°40'±45' (1.67°±0.75°)	2°10'±45' (2.17°±0.75°)	
	G.C.C	2°30'±45' (2.50°±0.75°)	2°50'±45' (2.83°±0.75°)	3°05'±45' (3.08°±0.75°)
	Others	2°10'±45' (2.17°±0.75°)	2°10'±45' (2.17°±0.75°)	
	<b>D</b>	35°±0° -3°	36°42'±0° -3°	
	<b>E+F</b>	0°12'±12' (0.2°±0.2°)	0°06'±12' (0.1°±0.2°)	0°00'±12' (0.0°±0.2°)
	<b>G-H</b>	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)			
			
	<b>A</b>	 1.0 (0.039)	
mm (in.)	<b>B</b>	 30.0 (1.181)	 16.0 (0.630)
			
		 1.0 (0.039)	
mm (in.)		 1.5 (0.059)	
			
		 231.0 (9.09)	
mm (in.)		 297 (11.693)	

	HF1A (Part time) 1.5 (1.6, 1.3) HF2A (Full time) 1.3 (1.4, 1.1)	
	API GL-4 or GL-5 SAE 75W-90	
	IFS*2	
	1.6 (1.7, 1.4)	
	RFS*1	
	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°C (0°F)) SAE 80W or 80W-90 (-18°C (0°F))	

	km/h (mph)			
	275/70R16	180 (112)	220*6 (2.2, 32)	220 (2.2, 32)
	275/65R17	180 (112)	200 (2.0, 29)	
	275/60R18	180 (112)	200 (2.0, 29)	
	LT235/85R16 108/104S		260 (2.6, 38)	375 (3.75, 54)
	7.50R16-6PRLT			
	7.50R16C 108/106Q 6PR		240*4 (2.4, 35)	320*4 (3.3, 48)
			280*5 (2.9, 42)	370*5 (3.8, 54)
kPa (kgf/cm² or bar, psi)				