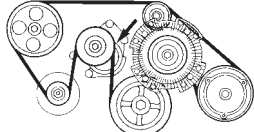
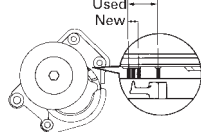
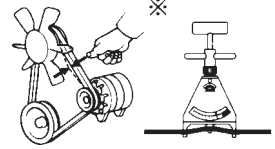



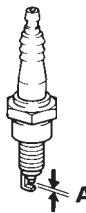
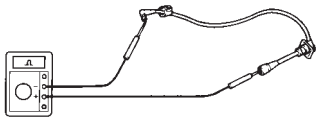
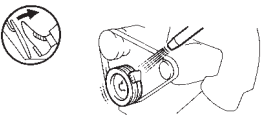
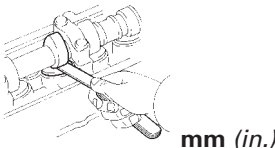


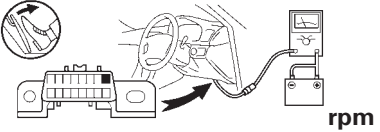
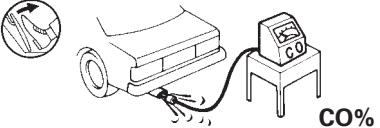
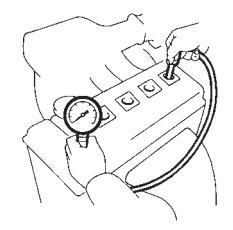


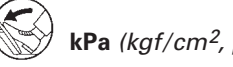



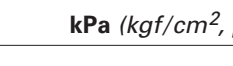
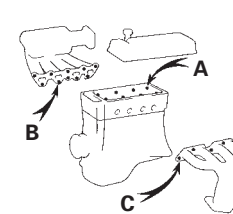
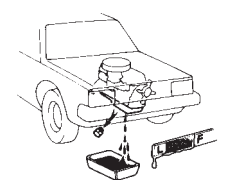


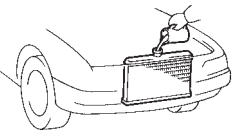


		1FZ-FE	2UZ-FE
cm³ or CC (cu. in.)		4477 (273.1)	4664 (284.5)
		—	
		15–20 (0.59–0.79)	—
		7–9.5 (0.28–0.37)	
	—		
mm (in.)	N (kgf)	—	—
	DENSO	K16TR11	w/ TWC*1 SK20R11 w/o TWC*1 K20R-U
	NGK	BKR5EKB-11	w/ TWC*1 IFR6A11 w/o TWC*1 BKR6EYA
	A	1.1 (0.043)	w/ TWC*1 1.1 (0.043) w/o TWC*1 0.8 (0.031)
	KΩ	25	—
	BTDC	(DLC3 Terminals 13 (TC)–4 (CG) Connected) 3°	(Check Connector TC–E1, Connected) 5–15°
		0.15–0.25 (0.006–0.010)	—
		0.25–0.35 (0.010–0.014)	
	rpm	600–700	650–750
	CO%	1.0–2.0 (DLC3 Terminals 13 (TC)–4 (CG) Connected)	w/ TWC*1 0.5 w/o TWC*1 1.0–2.0 (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)	
		29 (0.3, 4.3)	
	3,000 rpm	245–490 (2.5–5.0, 36–71)	294–588 (3.0–6.0, 43–85)
		kPa (kgf/cm², psi)	
	A	39 (400, 29) 90° 90°	32 (325, 24) 90° 90°
	B	20 (210, 15)	18 (185, 13)
	C	39 (400, 29)	44 (450, 32)
N·m (kgf-cm, ft-lbf)			

		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 SH, Energy-Conserving II or SJ, Energy-Conserving or ILSAC*2 multigrade engine oil	
		G.C.C. 13.9 (14.7, 12.2) Others 13.8 (14.6, 12.1) 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 13.4 (14.2, 11.8) w/ Rear heater 13.9 (14.7, 11.2)	w/ o Rear heater 14.8 (15.6, 13.0) w/ Rear heater 15.3 (16.2, 13.5)
liter (US qts, Imp. qts)			

Land Cruiser

FZJ100 - 0034010~, 300001~, 500003~, 700001~ FZJ105 - 200001~, 550001~
 UZJ100 - 0127048~, 200007~, 350007~, 5006527~, 6001159~, 7001221~



A	196-206 (7.72-8.11)	197.5-207.5 (7.78-8.17)
B	5-15 (0.20-0.59)	
C	↑ 25 (0.98)	
mm (in.)	SAE J1703 or FMVSS No. 116 DOT3	

N (kgf, lbf)	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-m (kgf-cm, ft-lbf)	Aluminium Wheel 131 (13.4, 96.6) Steel Wheel 209 (21.3, 154.2)

	FZJ, UZJ
mm (in.)	↓ 40 (1.57)

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)
mm (in.)	↑ 98 (3.9) (w/o ABS)	↑ 94 (3.7) (w/o ABS)
SAE J1703 or FMVSS No. 116 DOT3		

	FZJ, UZJ
liter (US qts, Imp. qts)	2.7 (2.9, 2.4)
API GL-4 or GL-5 SAE 75W-90	

	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' (13.17°±0.75°)	12°10'±45' (12.17°±0.75°)	12°15'±45' (12.25°±0.75°)	
C	AUSTRUA 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°)	2°15'±45' (2.25°±0.75°)	3°05'±45' (3.08°±0.75°)
	Others 2°10'±45' (2.17°±0.75°)		2°10'±45' (2.17°±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)	

	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)

	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

	4-6
196 N (20 kgf, 44 lbf)	

A	↑ 1.0 (0.039)
B	↑ 30.0 (1.181) ↑ 16.0 (0.630)

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)

	↑ 1.0 (0.039)
	↑ 1.5 (0.059)

	↓ 231.0 (9.09)
	↓ 297 (11.693)

	Europe	275/70R16 114H	200 (2.0, 29)	220 (2.2, 32)
		LT235/85R16 108/104S	260 (2.6, 38)	375 (3.75, 54)
	Australia	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, 47) 370* (3.8, 54)
	Others	LT235/85R16 108/104S	260 (2.6, 38)	375 (3.75, 54)
		7.50R 16-6PRLT		
		275/70R 16 114T	↑ 180 (112) ↓ 180 (112)	220 (2.2, 32) 220 (2.2, 32)