TOYOTA Land Cruiser FZJ100, 105

Jan. '03

	יו ע	OTOTA L	unu Olui	0		
		1FZ-FE	2UZ-FE			
cm ³ or CC (cu. in.)		4477 (273.1)	4664 (284.5)			
			Used New			
* -						
mm (in.) N (kgf)	5	7–9.5 (0.28–0.37)				
	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	A mm (in.)	1.1 (0.043)	w/TWC*1 1.1 (0.043) w/o TWC*1 0.8 (0.031)			
	ΚΩ	Δ 25 —				
	BTDC	$ \begin{pmatrix} DLC3 \text{ Terminals} \\ 13 \text{ (TC)} - 4 \text{ (CG)} \\ \text{Connected} \end{pmatrix} $				
		0.15-0.25 (0.006-0.010)				
mm (in.)		0.25-0.35 (0.010-0.014)				
	rpm	650-750 650-750				
	S S S S S S S S S S S S S S S S S S S	w/ TWC*1	₽ 0.5* ³			
	CO%	w/o TWC*1	1.0-2.0*3			

Printed in Japan I

		1176 (12.0, 171)	1324 (13.5, 192)	
		1 882 (9.0, 128)	1 981 (10.0, 142)	
kPa (kgf/cm², psi)		¥ 98 (1	.0, 14)	
		1 29 (0.	.3, 4.3)	
kPa (kgf/cm², psi)	3,000 rpm	245–490 (2.5–5.0, 36–71)	294–588 (3.0–6.0, 43–85)	
The state of the s	Α	① 39 (400, 29) ② 90° ③ 90°	② 90° ③ 90° ③ 90°	
B	В	20 (210, 15)	18 (185, 13)	
C N·m (kgf-cm, ft-lbf)	С	39 (400, 29)	44 (450, 32)	
		1FZ-FE	2UZ-FE	
		6.9 (7.3, 6.1)	6.4 (6.8, 5.6)	
		7.4 (7.8, 6.5)	6.8 (7.2, 6.0)	
liter (US qts, I	mp. qts)	API grade SJ, "Energy-C Conserving" or ILSAC*2	onserving", SL "Energy- multigrade engine oil	
To the state of th	I 3 5	G.C.C. 13.9 (14.7, 12.2) Others W / O Rear heater	w/o Rear heater 15.2 (16.1, 13.4)	

liter (US qts, Imp. qts)

w/ o Rear heater 13.8 (14.6 12.1) w/ Rear heater 14.3 (15.1, 12.6)

13.5 (14.2, 11.9)

w/ Rear heater

w/ o Rear heater

15.7 (16.6, 13.8)

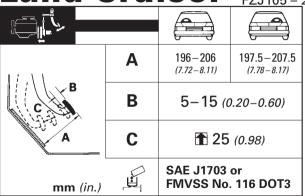
14.8 (15.6, 13.0)

w/ Rear heater 15.3 (16.2, 13.5)

Land Cruiser FZJ100 - 1000444~, 3002396~, 5056912~, 7002780~

FZJ105 – 2001202~. 5508188~ UZJ100 – 0138729~, 2030149~, 3523350~, 5500002~

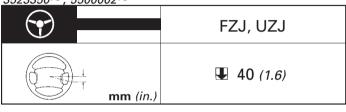




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N (kgf, lbf)	RFS*1 26-52 (2.7-5.3) (6.4-11.7) IFS*2 42-67 (4.3-6.8) 9.5-15.0)	RFS ^{*1} 24-52 (2.4-5.3 6.4-11.7)	
N-m (kgf-cm, ft-lbf)	Aluminium Wheel 131 (13.4, 96.6) Steel Wheel 209 (21.3, 154.2)		
14-111 (kg/-c/i/, it-ib/)	200 (21)	.0, 104.2/	

IIIII (///./					
. 1	Α	190.2 – 200.2 (7.49 – 7.88)	183.7 – 193.7 (7.23 – 7.63)		
B	В	1-6 (0.04-0.24)			
CAA	С	121 (4.8) (w/ABS) 198 (3.9) (w/o ABS)	116 (4.6) (w/ABS) 1 94 (3.7) (w/o ABS)		
mm (in.)		SAE J1703 FMVSS No.			
196 N (20 kg	 af, 44 lbf)	4–6			
A					
	Α	1.0 (0.039)			
mm (in.)	В	1 30.0 (1.181)	16.0 (0.630)		
			1.0 (0.039)		
mm (in.)	6		1.5 (0.059)	[
			231.0 (9.09)		
mm (in.)	16		297 (11.693)		

N⋅m (kgf-cm, ft-lbf)	209 (21.3, 154.2)		
	FZJ	UZJ	
1 3 5 2 4 R	2.7 (2.9, 2.4)		
liter (US qts, Imp. qts)	API GL-4 or GL-5 SAE 75W-90		
L Z Z Z Z	6.0 (6.3, 5.3)	3.0 (3.2, 2.6)	
liter (US qts, Imp. qts)	ATF D-II or DEXRON [®] III (DEXRON [®] II)	ATF Type T-IV	
H. N L.	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		
	6		
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 (1 −18° C (0° F)) SAE 80W or 80W-90 (1 −18° C (0° F))		



		RFS*1	IFS*2			
		INF3	FZJ	UZJ	w/AHC*3	
		Α	1°±45′ (1°±0.75°)		′±45′ ± <i>0.75</i> °)	0°00′±45′ (0°±0.75°)
B _A C	В		13°00′±45′ (13°±0.75°)	12°10′±45′ (12.17°0.75°)		12°15′±45′ (12.25°±0.75°)
	С	Australia	1°40′±45′ (1.67°±0.75°)	2°10′±45′ (2.17°±0.75°)		
D		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°)
1		Others	2°10′±45′ (2.17°±0.75°)		2°10′±45′ (2.17°±0.75°)	
	D		35°+0°		37°+0°	
E F F Front	E+F		0°12′±12′ (0.2°±0.2°)			0°00′±12′ (0.0°±0.2°)
G		i–H m <i>(in.)</i>	2±2 (0.08±0.08)		±2 ±0.08)	0±2 (0±0.08)

	km/h (mph)		
	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)
kPa (kgf/cm² or bar, psi)	7.50R16C 108/106Q 6PR	240* ⁴ (2.4, 35) 280* ⁵ (2.8, 41)	320* ⁴ (3.3, 48) 370* ⁵ (3.7, 54)

- *1 RFS: Rigid Front Suspension
 *2 IFS: Independent Front Suspension
 *3 AHC: Active Height Control
- *4 Unloaded *5 Loaded