SDS TOYOTA **Land Cruiser** (Hardtop & Canvas Top) FZJ70, 73, 75 Jan.'97

		1FZ-F	1FZ-FE
cm³ or CC (cu. in.)		4477 (273.2)	
※ mm (in.) N (kgf)		15-20 (0.59-0.79) ※245-392 (25-40)	
		7-9.5 (0.28-0.37) ※196-343 (20-35)	
		———	
	DENSO	K16R-U	
	NGK	BKR5EYA	
A	A mm (in.)	0.8 (0.043)	
kΩ		↓25	
A B mm (in.)	A	———	
	B		
BTDC		3°	(Check Connector) (TE_1-E_1 connected) 3°
mm (in.)		0.15-0.25 (0.006-0.010)	
		0.25-0.35 (0.010-0.014)	
rpm		600	650
CO%		1.0-2.0	↓2.0

kPa (kgf/cm², psi)		General (Low Octane) 980 (10.0, 142) Others 1127 (11.5, 163)	1176 (12.0, 171)
		↑785 (8.0, 114)	↑883 (9.0, 128)
		↓98 (1.0, 14)	
kPa (kgf/cm², psi)		↑29 (0.3, 4.3)	
	3,000rpm	245-490 (2.5-5.0, 36-71)	
N·m (kgf-cm, ft-lbf)	A	①39 (400,29) ②90° ③90°	
	B	20 (210, 15)	
	C	39 (400, 29)	

		1FZ-F	1FZ-FE
liter (US qts, Imp. qts)		6.9 (7.3, 6.1)	
		7.4 (7.8, 6.5)	7.2 (7.6, 6.3)
		API SG, SH multigrade engine oil or ILSAC※1 multigrade engine oil	
liter (US qts, Imp. qts)		w/Front Heater 13.8 (14.6, 12.1) w/Front and Rear Heaters 14.9 (15.7, 13.1) w/o Heater 12.7 (13.4, 11.2)	13.8 (14.6, 12.1)
		———	

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TOYOTA MOTOR CORPORATION

Land Cruiser
(Hardtop & Canvas Top)

FZJ70-0006221~, 5000003~, 6000096~ FZJ73-0010881~, 5000002~, 6000012~
FZJ75-0037519~, 3000573~, 7600220~, 8000503~, 8500896~

TOYOTA
QUALITY SERVICE

	FZJ
A	178.7−188.7 (7.04−7.43)
B	5−15 (0.20−0.59)
B	15−30 (0.59−1.18)
C	25 (0.98)
mm (in.)	SAE J1703 FMVSS No. 116 DOT3

A	164.2−174.2 (6.46−6.86)	160.5−170.5 (6.32−6.71)
B	3−6 (0.12−0.24)	
C	68 (2.68)	
mm (in.)	SAE J1703 FMVSS No. 116 DOT3	
196N (20kgf, 44lbf)	7−9	
A	1.0 (0.039)	
B	18.0 (0.709)	—
mm (in.)	—	—
mm (in.)	—	1.5 (0.059)
mm (in.)	—	—
mm (in.)	—	297.0 (11.693)

N (kgf, lbf)	28−56 (2.9−5.7) (6.4−12.6)	25−56 (2.6−5.7) (5.7−12.6)
N·m (kgf−cm, ft−lbf)	157 (1600) (116)	

	FZJ
liter (US qts, Imp. qts)	—
liter (US qts, Imp. qts)	2.7 (2.9, 2.4)
liter (US qts, Imp. qts)	API GL−4 or GL−5 SAE 75W−90
liter (US qts, Imp. qts)	—
liter (US qts, Imp. qts)	—
liter (US qts, Imp. qts)	1.3 (1.4, 1.1)
w/PTO	1.4 (1.5, 1.2)
liter (US qts, Imp. qts)	API GL−4 or GL−5 SAE 75W−90
liter (US qts, Imp. qts)	2.6 (2.7, 2.3) / 2.5 (2.6, 2.2)
liter (US qts, Imp. qts)	Hypoid gear oil API GL−5 With LSD use LSD oil only SAE90 (−18℃ (0°F)) SAE80W, 80W−90 (−18℃ (0°F))

	FZJ
mm (in.)	40 (1.57)

		FZJ-70,73	FZJ-75L(R) V	FZJ-75L(R) P
A		1°±45′ (1°±0.75°)		
B		12°±45′ (12°±0.75°)		
C		3°15′±1° (3.25°±1°)	2°50′±1° (2.83°±1°)	2°30′±1° (2.5°±1°)
D		30° +0° −3°		
E+F		−0°06′±12′ (−0.01°±0.2°) (31×10.50R15-6PRLT 265/75R15) 0°06′±12′ (0.01°±0.2°) (Others)		
		0°24′±12′ (0.4°±0.2°)		
G-H		−1+2 (−0.04±0.08) (31×10.50R15-6PRLT 265/75R15) −1+2 (−0.04±0.08) (Others)		
mm (in.)		4±2 (0.16±0.08)		

Australia kPa (kgf/cm², psi)	7.50R16-8PRLT	225 (2.25, 33)	390 (3.9, 55)	240 (2.4, 34)	420 (4.2, 60)
General kPa (kgf/cm², psi)	7.50-16-6PRLT	180 (1.8, 26)	200 (2.0,29)	180 (1.8, 26)	240 (2.4, 35)
	7.00R15-6PRLT	200 (2.0, 29)	275 (2.75, 40)	225 (2.25, 33)	300 (3.0, 44)
	7.50R16-6PRLT	200 (2.0, 29)	225 (2.25, 33)	225 (2.25, 33)	250 (2.5, 36)
	7.50R16-8PRLT	200 (2.0, 29)	225 (2.25, 33)	225 (2.25, 33)	250 (2.5, 36)
	31×10.50R15-6PRLT	180 (1.8, 26)	250 (2.5, 36)	210 (2.1, 30)	280 (2.8, 41)

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