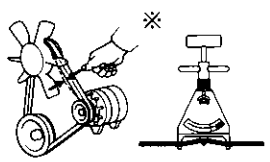
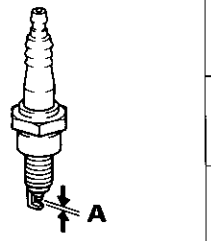
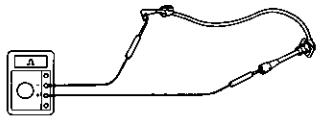
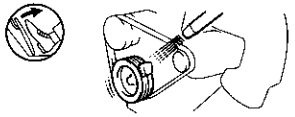
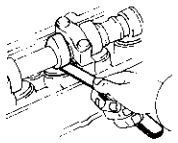
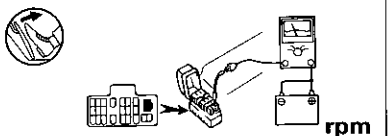
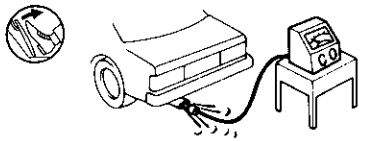
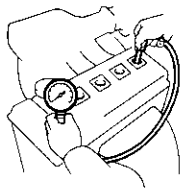
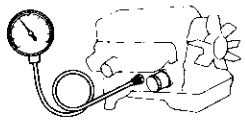
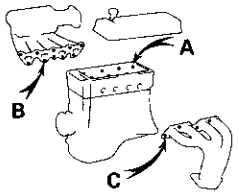
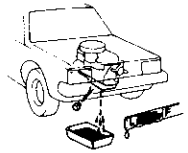
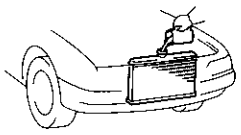
SDS TOYOTA Land Cruiser FZJ70, 73, 75 Jan. '99

(Hardtop &Canvas Top)

		1FZ–F	1FZ–FE
	cm^3 or CC *(cu. in.)*	4477 *(273.2)*	
 mm *(in.)* N *(kgf)*		15.0–20.0 *(0.59–0.79)* ※245–392 *(25–40)*	
		7.0–9.5 *(0.28–0.37)* ※196–343 *(20–35)*	
		——	
	DENSO	K16R–U	
	NGK	BKR5EYA	
	A mm *(in.)*	0.8 *(0.031)*	
 kΩ		⬇ 25	
 BTDC		3°	3° (Check Connector TE_1–E_1 connected)
 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	1.0–2.0

  kPa *(kgf/cm^2, 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/cm^2, psi)*		⬆ 29 *(0.3, 4.3)*	
	3,000 rpm 	245–490 *(2.5–5.0, 36–71)*	
 N·m *(kgf–cm, ft–lbf)*	A	 ① 39 *(400, 29)* ② 90° ③ 90°	
	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 grade SH, Energy-Conserving II or SJ, Energy-Conserving or ILSAC* 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)*
		——	

Printed in Japan [I] *ILSAC: International Lubricant Standardization and Approval Committee

TOYOTA MOTOR CORPORATION Pub. No. SDS407E

Land Cruiser
(Hardtop &Canvas Top)

FZJ70-*0006821~*, *6003067~*, FZJ73-*0011231~*, *5000065~*, *6000263~*
FZJ75-*0039178~*, *2000145~*, *3009964~*, *8000614~*, *8501068~*

TOYOTA
QUALITY SERVICE

	FZJ
A	181–191 (7.13–7.52)
B	5–15 (0.20–0.59)
	15–30 (0.59–1.18)
C	⬆ 25 (0.98)
mm (in.)	SAE J1703 FMVSS No.116 DOT3

A	166.5–176.5 (6.56–6.95)
B	3–6 (0.12–0.24)
C	⬆ 68 (2.68)
mm (in.)	SAE J1703 FMVSS No. 116 DOT3
196 N (20 kgf, 44.1 lbf)	7–9
A	⬆ 1.0 (0.039)
B	⬆ 18.0 (0.709) —
mm (in.)	⬆ 1.0 (0.039) —
mm (in.)	⬆ 1.5 (0.059) —
mm (in.)	⬇ 231.0 (9.094) —
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)	—
	2.7 (2.9, 2.4)
	API GL–4 or GL–5 SAE 75W–90
liter (US qts, Imp. qts)	—
	—
liter (US qts, Imp. qts)	1.5 (1.6, 1.3)
w/ PTO	1.4 (1.5, 1.2)
	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)
	Hypoid gear oil API GL–5 With LSD use LSD oil only SAE90 (⬆ –18°C (0°F)) SAE80W or 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 mm (in.)	−1±2 (−0.04±0.08) (31×10.50R15–6PRLT, 265/75R15) 1±2 (−0.04±0.08) (Others)		
	4±2 (0.16±0.08)		

Australia kPa (kgf/cm², psi)		7.50R16-8PRLT	225 (2.25, 33)	390 (3.9, 57)	240 (2.4, 35)	420 (4.2, 61)
General kPa (kgf/cm², psi)	FZJ70, 73	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 (2.81, 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)
		31x10.50R15	180 (1.8, 26)	250 (2.5, 36)	210 (2.1, 30)	280 (2.8, 41)
	FZJ75	7.50-16-8PRLT	240 (2.4, 35)	350 (3.5, 51)	280 (2.8, 41)	400 (4.0, 58)
		7.50R16-8PRLT	225 (2.25, 33)	375 (3.75, 54)	250 (2.5, 36)	400 (4.0, 58)
		235/95R15C	180 (1.8, 26)	220 (2.2, 32)	180 (1.8, 26)	280 (2.8, 41)

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