SDS TOYOTA Land Cruiser FZJ70, 73, 75 Jan. '98

(Hardtop &Canvas Top)

		1FZ-F	1FZ-FE
cm³ 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)	
		—	
A	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/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	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)
		—	

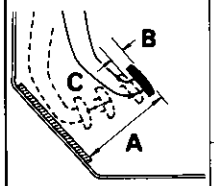
Printed in Japan C *ILSAC: International Lubricant Standardization and Approval Committee

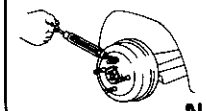
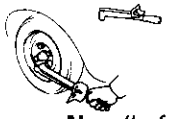
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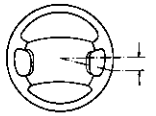
Land Cruiser
(Hardtop &Canvas Top)

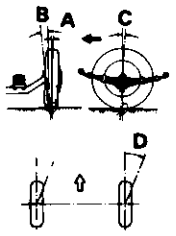
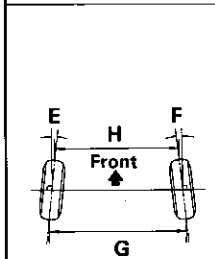
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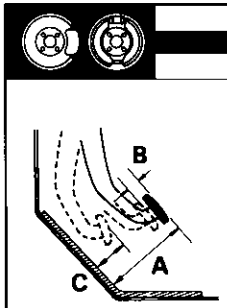
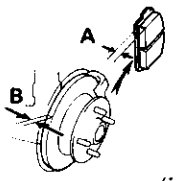
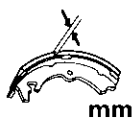
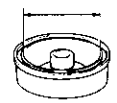
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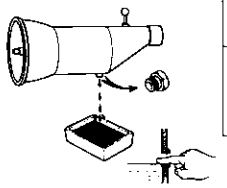
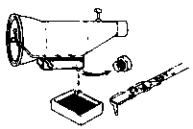
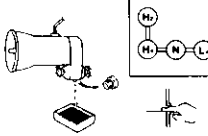
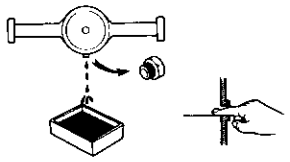
		FZJ
	A	178.7–188.7 (7.04–7.43)
	B	5–15 (0.20–0.59)
		15–30 (0.59–1.18)
	C	25 (0.98)
mm (in.)		SAE J1703 FMVSS No.116 DOT3

 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
 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) 1±2 (−0.04±0.08) (31×10.50R15–6PRLT, 265/75R15 (Others)		
		4±2 (0.16±0.08)		

	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, 44.1lbf)		7–9				
 mm (in.)	A	1.0 (0.039)				
	B	18.0 (0.709)	—			
 mm (in.)		—	—	1.5 (0.059)		
 mm (in.)		—	—	297.0 (11.693)		

 liter (US qts, Imp. qts)	I 3 2 4 R	—				
	I 3 5 2 4 R	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, 80W–90 (−18° (0°F))				

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 (2.25, 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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