SDS TOYOTA Land Cruiser (Hardtop &Canvas Top) FZJ71, 74, 78, 79 Jan. '00

		1FZ–FE
cm³ or CC *(cu. in.)*		4477 *(273.1)*
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	K16TR11
	NGK	BKR5EKB–11
A	A mm *(in.)*	1.1 *(0.043)*
kΩ		25
BTDC		3° (Check Connector TE_1–E_1 connected)
mm *(in.)*	H C	0.15–0.25 *(0.006–0.010)*
	H C	0.25–0.35 *(0.010–0.014)*
rpm	H C	650
CO%	H C	1.0–2.0

kPa *(kgf/cm², psi)*		1176 *(12.0, 171)*
		883 *(9.0, 128)*
		98 *(1.0, 14)*
kPa *(kgf/cm², psi)*		29 *(0.3, 4.3)*
	3,000 rpm H C	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–FE
liter *(US qts, Imp. qts)*		6.9 *(7.3, 6.1)*
		Australia 7.2 *(7.6, 6.3)* Others 7.4 *(7.8, 6.5)*
		API grade SH, Energy-Conserving II or SJ, Energy-Conserving or ILSAC* multigrade engine oil
liter *(US qts, Imp. qts)*	1 3 5 2 4 R	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)*
		——

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

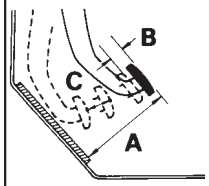
TOYOTA MOTOR CORPORATION Pub. No. SDS425E

Land Cruiser

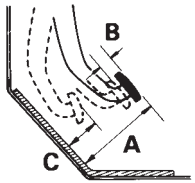
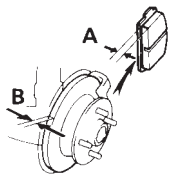
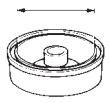
FZJ71 – *0001003~* FZJ74 – *0001001~, 9000000~*
FZJ78 – *0001002~, 9000001~* FZJ79 – *0001004~, 6000003~, 8000001~*

TOYOTA QUALITY SERVICE

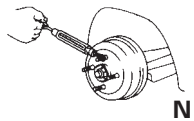
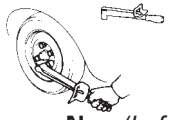
Wheel alignment (Hardtop &Canvas Top)

		FZJ
	A	150–160 *(5.91–6.30)*
	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

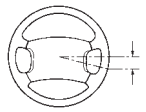
Wheel alignment

	A		155–165 *(6.10–6.50)*
	B		1–6 *(0.04–0.24)*
	C		⇧ 68 *(2.68)*
mm *(in.)*			SAE J1703 FMVSS No. 116 DOT3
 196 N *(20 kgf, 44.1 lbf)*			7–9
 mm *(in.)*	A		⇧ 1.0 *(0.039)*
	B	⇧ 30.0 *(1.181)*	16.0 *(0.630)*
 mm *(in.)*		——	⇧ 1.0 *(0.039)*
			⇧ 1.5 *(0.059)*
 mm *(in.)*		——	⇩ 231.0 *(9.094)*
			⇩ 297.0 *(11.693)*

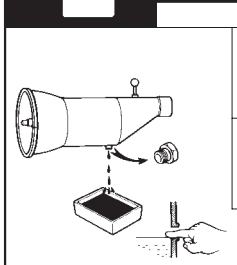
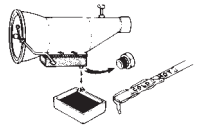
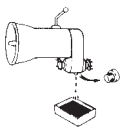
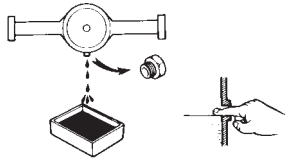
Toe-in

	FZJ	
 N *(kgf, lbf)*	26–52 *(2.7–5.3 6.0–11.7)*	24–53 *(2.4–5.3 5.3–11.7)*
 N·m *(kgf–cm, ft–lbf)*	Steel wheels 209 *(21.3, 154.2)* Aluminum wheels 131 *(13.4, 96.6)*	

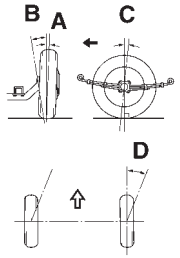
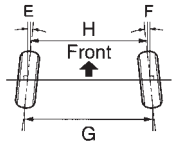
Steering wheel play

	FZJ
 mm *(in.)*	⇩ 40 *(1.57)*

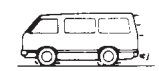
Capacities

		FZJ
 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)*	REAR DIFF.	——
		——
 liter *(US qts, Imp. qts)*	Hi / Hi N Lo / w/ PTO	1.5 *(1.6, 1.3)*
		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)* / W/ A.D.D. 2.3 *(2.4, 2.0)* / W/o A.D.D. 2.4 *(2.5, 2.1)*
		Hypoid gear oil API GL–5 With LSD use LSD oil only SAE90 (⇧ –18°C *(0°F)*) SAE80W or 80W–90 (⇩ –18° *(0°F)*)

Steering angle

		FZJ 71, 74, 78	FZJ 79
	A	1°±45′ *(1°±0.75°)*	
	B	13°±45′ *(13°±0.75°)*	
	C	4°20′±45′ *(4.33°±0.75°)*	3°35′±45′ *(3.58°±0.75°)*
	D	32° *(29°–32°)*	
	E+F	⇩ 0°00′±12′ *(0.0°±0.2°)*	
		⇩ 0°12′±12′ *(0.2°±0.2°)*	
	G–H	⇩ 0±2 *(0.00±0.08)*	
	mm *(in.)*	⇩ 2±2 *(0.08±0.08)*	

Tire and wheel

						
Australia	FZJ78	7.50R16-8PRLT		250*3 *(2.5, 36)*	275*3 *(2.75, 40)*	250 *(2.5, 36)* / 475 *(4.75, 69)*
	FZJ79	7.50R16-8PRLT		250*4 *(2.5, 36)*		250 *(2.5, 36)* / 475 *(4.75, 69)*
		7.50-16-8PRLT*5		240*3,*4 *(2.4, 35)*		240*5 *(2.4, 35)* / 425*5 *(4.25, 62)*
General	FZJ71, 74	7.50-16-6PRLT		180*2 *(1.8, 26)*		180 *(1.8, 26)* / 325 *(3.25, 47)*
		7.50R16-6PRLT		220*2 *(2.0, 29)*		200 *(2.0, 29)* / 375 *(3.75, 54)*
		7.50R16-8PRLT				
		265/70 R16		180*2 *(1.8, 26)*		180 *(1.8, 26)* / 220 *(2.2, 32)*
	FZJ78, 79	7.50-16-8PRLT		240*3 *(2.4, 35)*		240 *(2.4, 35)* / 425 *(4.25, 62)*
		7.50R16-8PRLT		250*4 *(2.5, 36)*	300*4 *(3.0, 44)*	250 *(2.5, 36)* / 475 *(4.75, 69)*
		225/95 R16C		220*4 *(2.2, 32)*	260*4 *(2.6, 38)*	220 *(2.2, 32)* / 450 *(4.5, 65)*

© 1999 TOYOTA MOTOR CORPORATION

*1 With over fender
*2 Unladen with 2 occupants and 200 kg (440.9 lb.) of luggage or less
*3 Unladen with 2 occupants and 400 kg (881.8 lb.) of luggage or less
*4 Unladen with 2 occupants and 500 kg (1102.3 lb.) of luggage or less
*5 Papua New Guinea only

Overseas Service Division: 01-991222-00