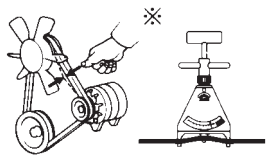
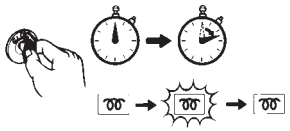
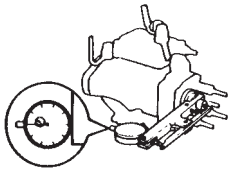
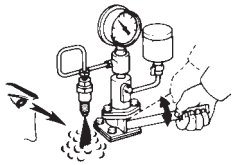
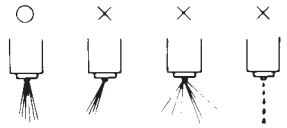
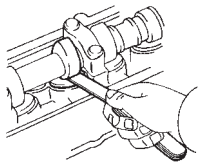
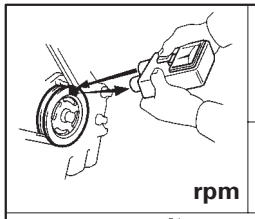
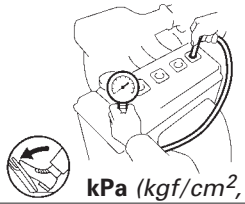
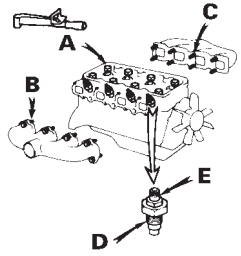
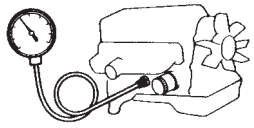
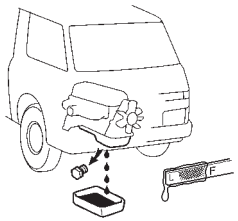
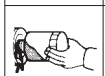
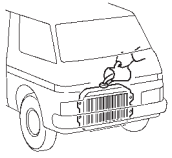
SDS TOYOTA Land Cruiser Diesel HZJ71, 74, 78, 79 Jan. '00

(Hardtop & Canvas Top)

		1HZ
	cm³ or CC (cu. in.)	4164 (254.1)
 mm (in.) N (kgf)		8–11 (0.31–0.43) ※200–390 (20–40)
		16–22 (0.63–0.87) ※196–392 (20–40)
		——
 Ω	20°C (68°F)	0.75 (12V) 3.1 (24V)
 secs	20°C (68°F)	1.0
 mm (in.)		w/ ACSD*1 0.65–0.71 (0.0256–0.0280) w/o ACSD*1 0.85–0.91 (0.0335–0.0358)
		
 kPa (kgf/cm², psi)		14220–15200 (145–155, 2062–2205) 14710–15690 (150–160, 2133–2276)
 mm (in.)	 	0.15–0.25 (0.006–0.010) 0.35–0.45 (0.014–0.018)

 rpm	 	600–700 —— 4500–4700
 kPa (kgf/cm², psi)	  	3628 (37.0, 526) ⬆ 2648 (27.0, 384) ⬇ 490 (5.0, 71)
 N·m (kgf–cm, ft–lbf)	A	 ① 68.6 (700, 51) ② 90° ③ 90°
	B	19.6 (200, 14)
	C	41.7 (425, 31)
	D	63.7 (650, 47)
	E	46.6 (475, 34)
 kPa (kgf/cm², psi)	 3,000 rpm 	⬆ 29 (0.3, 4.3) 245–588 (2.5–6.0, 36–85)

		1HZ
 liter (US qts, Imp. qts)	 	10.0 (10.6, 8.8) 11.3 (11.9, 9.9)
		API CF-4 or CF **(You may also use API CE or CD.)**
 liter (US qts, Imp. qts)	 	w/ Front Heater 10.6 (11.2, 9.3) w/ Front and Rear Heaters 11.7 (12.4, 10.3) w/o Heater 9.8 (10.4, 8.6) ——

Printed in Japan [I]

*1 ACSD: Automatic Cold Start Device

TOYOTA MOTOR CORPORATION Pub. No. SDS427E

Land Cruiser Diesel

(Hardtop & Canvas Top)

HZJ71 – *0001005~, 8000000~, 9000001~* HZJ74 – *0001006~, 9000000~*
HZJ78 – *0001003~, 9000001~* HZJ79 – *0001001~, 7000010~, 8000001~*

TOYOTA QUALITY SERVICE

	HZJ
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

		HZJ
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 lbf)*		7–9
A		↓ 1.0 *(0.039)*
B	↑ 30.0 *(1.181)*	↑ 16.0 *(0.630)*
mm *(in.)*	——	↑ 1.0 *(0.039)*
mm *(in.)*	——	↑ 1.5 *(0.059)*
mm *(in.)*	——	↓ 211.0 *(8.31)*
mm *(in.)*	——	↓ 297.0 *(11.693)*

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)*	

	HZJ
liter *(US qts, Imp. qts)*	2.2 *(2.3, 1.9)*
	API GL–4 or GL–5 SAE 75W – 90
liter *(US qts, Imp. qts)*	——
	——
liter *(US qts, Imp. qts)*	2.1 *(2.2, 1.8)*
	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 LS oil only SAE 90 (↑ –18°C *(0°F)*) SAE 80W or 80W–90 (↓ –18°C *(0°F)*)

	HZJ
mm *(in.)*	↓ 40 *(1.6)*

	HZJ 71, 74, 78	HZJ 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°)*	
E+F	0°12′±12′ *(0.2°±0.2°)*	
G–H mm *(in.)*	0±2 *(0.00±0.08)*	
G–H mm *(in.)*	2±2 *(0.08±0.08)*	

Australia	HZJ78	7.50R16-8PRLT	250*3 *(2.5, 36)*	275*3 *(2.75, 40)*	250 *(2.5, 36)*	475 *(4.75, 69)*
	HZJ79	7.50R16-8PRLT	250*4 *(2.5, 36)*		250 *(2.5, 36)*	475 *(4.75, 69)*
	HZJ79	7.50-16-8PRLT*5	240*3,*4 *(2.4, 35)*		240*5 *(2.4, 35)*	425*5 *(4.25, 62)*
Europe	HZJ71, 74	215 / 80R16	200*2 *(2.0, 29)*		200 *(2.0, 29)*	280 *(2.8, 41)*
	HZJ71, 74	265 / 70R16*1	180*2 *(1.8, 26)*		180 *(1.8, 26)*	220 *(2.2, 32)*
	HZJ78, 79	205R16C8PR	250*3 *(2.5, 36)*	270*3 *(2.7, 39)*	250 *(2.5, 36)*	450 *(4.5, 65)*
			250*4 *(2.5, 36)*	270*4 *(2.7, 39)*		
General	HZJ71, 74	7.50-16-6PRLT	180*2 *(1.8, 26)*		180 *(1.8, 26)*	325 *(3.25, 47)*
	HZJ71, 74	7.50R16-6PRLT	200*2 *(2.0, 29)*		200 *(2.0, 29)*	375 *(3.75, 54)*
	HZJ71, 74	7.50R16-8PRLT				
	HZJ71, 74	265 / 70R16	180*2 *(1.8, 26)*		180 *(1.8, 26)*	220 *(2.2, 32)*
	HZJ78, 79	7.50-16-8PRLT	240*3 *(2.4, 35)*		240 *(2.4, 35)*	425 *(4.25, 62)*
	HZJ78, 79	7.50R16-8PRLT	250*4 *(2.5, 36)*	300*4 *(3.0, 44)*	250 *(2.5, 36)*	475 *(4.75, 69)*
	HZJ78, 79	225 / 95R16C	220*4 *(2.2, 32)*	260*4 *(2.6, 38)*	220 *(2.2, 32)*	450 *(4.5, 65)*

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*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