SDS TOYOTA Land Cruiser Diesel HZJ71, 74, 78, 79 (Hardtop & Canvas Top) Jan. '01

		1HZ
	cm^3 or CC *(cu. in.)*	4164 *(254.0)*
mm *(in.)* N *(kgf)* ※		8–11 *(0.31–0.43)* ※200–390 *(20–40)*
		16–22 *(0.63–0.87)* ※196–392 *(20–40)*
		——
20°C *(68°F)* Ω		0.75 (12V) 3.1 (24V)
20°C *(68°F)* secs		Europe 1.0 Others 2.4
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.)*	H C	0.15–0.25 *(0.006–0.010)*
		0.35–0.45 *(0.014–0.018)*

rpm			600–700
			——
	H C		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)*
	H C		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)*
		——

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*1 ACSD: Automatic Cold Start Device

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Land Cruiser Diesel

(Hardtop & Canvas Top)

HZJ71 – *0001180~, 8000072~, 9000096~* HZJ74 – *0001238~, 9000178~*
HZJ78 – *0004858~, 9000134~* HZJ79 – *6000005~, 7008860~, 8000647~*

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 or 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 or FMVSS No. 116 DOT3
196 N *(20 kgf, 44 lbf)*	7–9

		HZJ
mm *(in.)*	A	⬇ 1.0 *(0.039)*
mm *(in.)*	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)*

		HZJ
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)*		2.1 *(2.2, 1.8)*
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)*		2.2 *(2.3, 1.9)*
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)* / w/ Differential lock 2.3 *(2.4, 2.0)* w/o Differential lock 2.4 *(2.5, 2.1)*
liter *(US qts, Imp. qts)*		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° *(28° –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)*
		7.50-16-8PRLT*5	240*4 *(2.4, 35)*		240 *(2.4, 35)*	425 *(4.25, 62)*
Europe	HZJ71, 74	215 / 80R16	200*2 *(2.0, 29)*		200 *(2.0, 29)*	280 *(2.8, 41)*
		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 (HZJ 71 only)	180*2 *(1.8, 26)*		180 *(1.8, 26)*	325 *(3.25, 47)*
		7.50R16-6PRLT	200*2 *(2.0, 29)*		200 *(2.0, 29)*	375 *(3.75, 54)*
		7.50R16-8PRLT				
		265 / 70R16	180*2 *(1.8, 26)*		180 *(1.8, 26)*	220 *(2.2, 32)*
	HZJ78, 79	7.50-16-8PRLT	240 *(2.4, 35)* HZJ78*3, HZJ79*4		240 *(2.4, 35)*	425 *(4.25, 62)*
		7.50R16-8PRLT	250 *(2.5, 36)* HZJ78*3 HZJ79*4	300 *(3.0, 44)* HZJ78*3 HZJ79*4	250 *(2.5, 36)*	475 *(4.75, 69)*
		225 / 95R16C (HZJ79 only)	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: 01-001222-00