SDS TOYOTA Land Cruiser Diesel

(Hardtop & Canvas Top)

HZJ70, 73, 75

Jan. '98

		1HZ
	cm³ or CC (cu. in.)	4164 (254.1)
mm (in.) / N (kgf)		8–11 (0.31–0.43) ※196–343 (20–35)
		16–22 (0.63–0.87) ※196–392 (20–40)
		—
Ω	20°C (68°F)	1.15 (12V) 2.90 (24V)
secs	20°C (68°F)	2.5 (12V–Australia) 5.0 (12V–Others) 1.5 (24V)
mm (in.)		Europe 0.75–0.81 (0.0296–0.0319) Others 1.03–1.09 (0.0406–0.0429)
		○ × × ×
kPa (kgf/cm², psi)		Europe 14220–15200 (145–155, 2062–2204) Others 13239–15200 (135–155, 1920–2204)
kPa (kgf/cm², psi)		Europe 14710–15590 (150–160, 2133–2276) Others 14220–15200 (145–155, 2062–2204)
mm (in.)		0.15–0.25 (0.006–0.010)
mm (in.)		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)	3,000rpm	↑ 29 (0.3, 4.3)
		245–588 (2.5–6.0, 36–85)

		1HZ
liter (US qts, Imp. qts)		8.2 (8.7, 7.2)
		9.5 (10.0, 8.4)
		API CF-4 (You may also use API CF, CE or API 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 C

TOYOTA MOTOR CORPORATION

Pub. No. SDS395E

Land Cruiser Diesel

(Hardtop & Canvas Top)

HZJ70-0002906~ HZJ73-8001602~
HZJ75-0042235~, 5000517~, 7601660~, 8014628~, 8545866~, 9000823~, 9501779~

TOYOTA
QUALITY SERVICE

	HZJ
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

	HZJ
A	164.2–174.2 (6.46–6.86)
B	3–6 (0.12–0.24)
C	68 (2.68)
mm (in.)	SAE J1703 FMVSS No. 116 DOT3
196 N (20kgf, 44lbf)	7–9
A	1.0 (0.039)
B	18.0 (0.709) / 16.0 (0.630)
mm (in.)	— / 1.0 (0.039)
mm (in.)	— / 1.5 (0.059)
mm (in.)	— / 211 (8.31)
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)	

	HZJ
liter (US qts, Imp. qts)	4.9 (5.2, 4.3) API GL–4 SAE 90
liter (US qts, Imp. qts)	—
liter (US qts, Imp. qts)	2.2 (2.3, 1.9) 2.7 (2.8, 2.3) w/ PTO API GL–4 or GL–5 SAE 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 LS oil only SAE 90 (above –18°C (0°F)) SAE 80W, 80W–90 (below –18°C (0°F))

	HZJ
mm (in.)	40 (1.6)

	HZJ 70, 73	HZJ 75L (R) V	HZJ 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°) / 0.06°±12° (0.01°±0.2°) (31×10.50R15-6PRLT) / 265/75R15 (Others)		
E+F	0°24°±12′ (0.4°±0.2°)		
G–H	−1±2 (−0.04±0.08) / 1±2 (0.04±0.08) (31×10.50R15-6PRLT) / 265/75R15 (Others)		
G–H mm (in.)	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)
Europe kPa (kgf/cm², psi)	HZJ70, 73	215/80R16	180 (1.8, 26)	200 (2.0, 29)	200 (2.0, 29) / 200 (2.2, 32)
		265/75R15	180 (1.8, 26)	200 (2.0, 29)	180 (1.8, 26) / 200 (2.0, 29)
	HZJ75	205R16C 8PR	220 (2.2, 32)	450 (4.5, 65)	250 (2.5, 36) / 450 (4.5, 65)
General kPa (kgf/cm², psi)	HZJ70	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 (2.75, 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)
		31×10.5R15	180 (1.8, 26)	250 (2.5, 36)	210 (2.1, 30) / 280 (2.8, 41)
	HZJ75	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)

© 1998 TOYOTA MOTOR CORPORATION