	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)*
	—
20°C *(68°F)* Ω	1.15 (12V) 2.90 (24V)
20°C *(68°F)* secs	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)*	13239 – 15200 *(135 – 155, 1920 – 2204)*
kPa *(kgf/cm², psi)* M/T	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	M/T	600 – 700
	A/T	—
		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	①69 *(700, 51)* ②90° ③90°
	B	20 *(200, 14)*
	C	43 *(425, 31)*
	D	64 *(650, 47)*
	E	47 *(475, 34)*
kPa *(kgf/cm², psi)*	M/T	↑ 29 *(0.3, 4.3)*
	3,000 rpm	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 CD **(You may also use API CE or API CF.)**
liter *(US qts, Imp. qts)* M/T	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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TOYOTA MOTOR CORPORATION

Land Cruiser Diesel

(Hardtop & Canvas Top)

HZJ70-0002301~, 8000435~ HZJ73-0006160~, 8001504~
HZJ75-0037199~, 5000017~, 7600860~, 8013273~, 8541434~, 9000692~, 9501529~

TOYOTA
QUALITY SERVICE

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

mm (in.)

	HZJ
A	164.2 – 174.2 (6.46 – 6.86)
B	3 – 6 (0.12 – 0.24)
C	68 (2.68)
	SAE J1703 FMVSS No. 116 DOT3

mm (in.)

196N (20kgf, 44lbf)	7 – 9
A	1.0 (0.039)

B	18.0 (0.709)	16.0 (0.630)

mm (in.)

	—	1.0 (0.039)
	—	1.5 (0.059)
	—	211 (8.31)
	—	297.0 (11.693)

mm (in.)

	HZJ	
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
1 3 2 4 R	—
1 3 5 2 4 R	4.9 (5.2, 4.3)
liter (US qts, Imp. qts)	API GL-4 or GL-5 SAE 90
	—
liter (US qts, Imp. qts)	—
	2.2 (2.3, 1.9)
w/PTO	2.7 (2.8, 2.3)
liter (US qts, Imp. qts)	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 LSD oil only SAE90 (– 18°C (0°F)) SAE80W, 80W-90 (– 18°C (0°F))	

	HZJ
	40 (1.6)

mm (in.)

	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 ± 0.8)	(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, 55)	240 (2.4, 34)	420 (4.2, 60)
Europe kPa (kgf/cm², psi)	HZJ70,73	215/80R16 107S	180 (1.8, 26)	200 (2.0, 29)	200 (2.0, 29)	220 (2.2, 32)
		265/75R15 112S	180 (1.8, 26)	200 (2.0, 29)	180 (1.8, 26)	200 (2.0, 29)
※Unloaded	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)
		31×10.50R15-6PRLT	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)
		235/95RC 116N	180 (1.8, 26)	220 (2.2, 32)	180 (1.8, 26)	280 (2.8, 41)

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Overseas Service Division : 01-970203-00