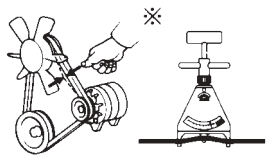
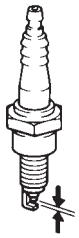
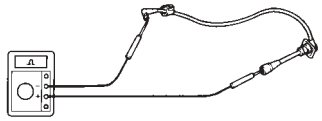
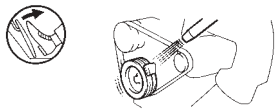
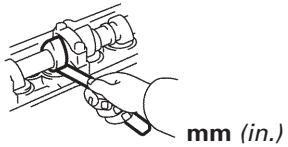
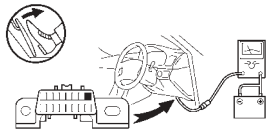
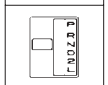
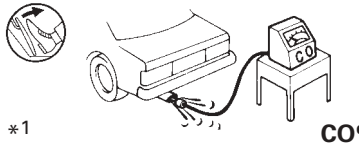
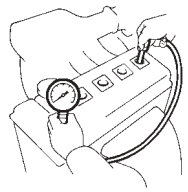
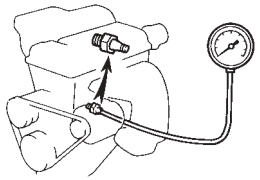
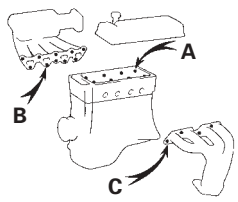
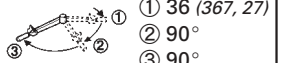
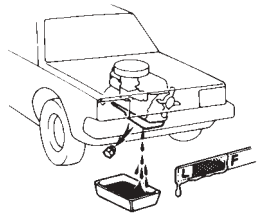
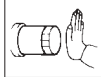
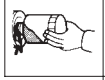
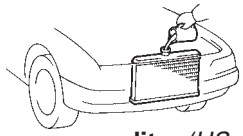
SDS TOYOTA Land Cruiser RZJ120, 125 GRJ120, 125 Jan. '04

		3RZ–FE	1GR–FE
	cm³ or CC *(cu. in.)*	2694 *(164.4)*	3956 *(241.4)*
 mm *(in.)* N *(kgf)*		7–8 *(0.28–0.31)* ※295–440 *(30–45)*	———
		10–13 *(0.39–0.51)* ※196–392 *(20–40)*	———
		6.5–7.5 *(0.26–0.30)* ※245–392 *(25–40)*	———
 A	DENSO	w/o TWC*3 K16R–U / w/ TWC*3 K16R–U11	K20HR–U11
	NGK	w/o TWC*3 BKR5EYA / w/ TWC*3 BKR5EYA–11	LFR6C11
	A mm *(in.)*	w/o TWC*3 0.8 *(0.031)* / w/ TWC*3 1.1 *(0.043)*	1.1 (0.043)
 KΩ		🡻 25	———
 BTDC		3–7° (DLC3 Terminals 13 (TC) – 4 (CG) connected)	7–24° (DLC3 Terminals 13 (TC) – 4 (CG) connected)
 mm *(in.)*		0.15–0.25 *(0.006–0.010)*	0.15–0.25 *(0.006–0.010)*
		0.25–0.35 *(0.010–0.014)*	0.29–0.39 *(0.011–0.015)*
 rpm		*4 650–750 *5 750–850	650–750
			
 *1 CO%		Saudi Arabia, China 🡻 0.5 / Others 1.0–2.0 (Check Connector TE_1–E_1 Connected)	0–0.5

 kPa *(kgf/cm², psi)*		1230 *(12.5, 178)*	1300 *(13.3, 189)*
		🡹 880 *(9.0, 127)*	🡹 1000 *(10.2, 145)*
		🡻 98 *(1.0, 14)*	🡻 100 *(1.0, 15)*
 kPa *(kgf/cm², psi)*		🡹 29 *(0.3, 4.2)*	
	3,000 rpm 	245–490 *(2.5–5.0, 36–71)*	294–588 *(3.0–6.0, 43–85)*
 N·m *(kgf·cm, ft·lbf)*	A	 ① 39 *(400, 29)* ② 90° ③ 90°	 ① 36 *(367, 27)* ② 90° ③ 90°
	B	29 *(300, 22)*	28 *(286, 21)*
	C	49 *(500, 36)*	30 *(306, 22)*

		3RZ–FE	1GR–FE
 liter *(US qts, Imp. qts)*		4.4 *(4.7, 3.9)*	4.9 *(5.2, 4.3)*
		5.1 *(5.4, 4.5)*	5.2 *(5.5, 4.6)*
		Gasoline engine 20W-50 and 15W-40– API grade SJ or SL multigrade engine oil 10W-30 and 5W-30– API grade SJ "Energy-Conserving", SL "Energy-Conserving" or ILSAC*2 multigrade engine oil	
 liter *(US qts, Imp. qts)*		M/T 7.3 *(7.7, 6.4)* A/T *7.1 (7.5, 6.2)*	M/T 9.4 *(9.9, 8.3)* A/T *9.8 (10.4, 8.6)*

Printed in Japan

*1 In the 2 mode (2,500 rpm and idle) test, follow the measurement order prescribed by the applicable local regulations.
*2 ILSAC: International Lubricant Standarzation and Approval Committer
*3 TWC: Three–way Catalytic Converter *4 Unled gasoline *5 Lead gasoline

TOYOTA MOTOR CORPORATION Pub. No. SDS478E

Land Cruiser

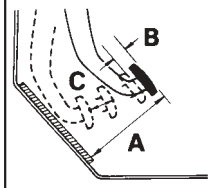
RZJ120 – *0020049~* RZJ125 – *0001968~*
GRJ120 – *0017406~*, *6000010~* GRJ125 – *0001306~*

TOYOTA QUALITY SERVICE









A	197.9–207.9 *(7.791–8.185)*	193.9–203.9 *(7.634–8.028)*
B	5–15 *(0.20–0.60)*	
C	⬆ 25 *(0.98)*	



mm *(in.)*

SAE J1703 or FMVSS No. 116 DOT3

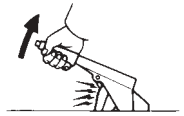


	RZJ	GRJ
A	LHD: 181.6–191.6 *(7.15–7.54)* RHD: 180.6–190.6 *(7.11–7.50)*	
B	1–6 *(0.04–0.24)*	
C※1	※2 ⬆ 52 *(2.05)* ※3 ⬆ 55 *(2.17)* ※4 ⬆ 55 *(2.17)*	※5 ⬆ 55 *(2.17)* ※6 ⬆ 44 *(2.73)*



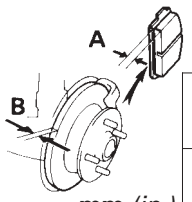
mm *(in.)*

SAE J1703 or FMVSS No. 116 DOT3



196 N *(20 kgf, 44 lbf)*

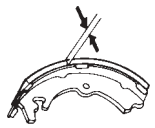
5–7





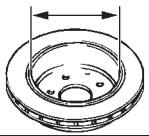
A	⬆ 1.0 *(0.039)*	
B	⬆ 26 *(1.02)*	⬆ 16 *(0.63)*

mm *(in.)*



⬆ 1.0 *(0.039)*

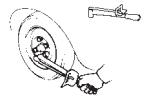
mm *(in.)*



⬇ 211 *(8.307)*

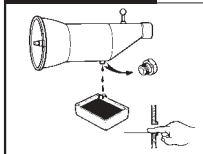
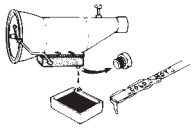
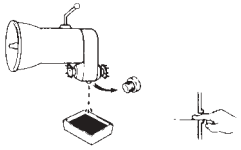
mm *(in.)*

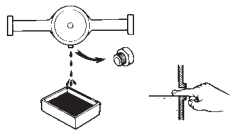




113 *(11.5, 83)*

N·m *(kgf·m, ft·lbf)*

	RZJ	GRJ
  **liter** *(US qts, Imp. qts)*	2.5 *(2.6, 2.2)*	2.2 *(2.3, 1.9)*
	API GL–4 or GL–5 SAE 75W–90	
  **liter** *(US qts, Imp. qts)*	2.0 *(2.1, 1.8)*	
	Toyota Genuine ATF TYPE T–IV	
 **liter** *(US qts, Imp. qts)*	Full–time type 1.4 *(1.5, 1.2)* Part–time type 1.0 *(1.1, 0.9)*	1.4 *(1.5, 1.2)*
	Full–time type API GL-5 SAE 75W-90 Part–time type API GL-3 SAE 75W-90	**API GL–5 SAE 75W–90**





Australia			3.0 *(3.2, 2.6)* (w/ Rr Differential lock) 3.1 *(3.3, 2.7)* (w/ o Rr Differential lock)
Others	1.4 *(1.5, 1.2)*	3-door model	2.4 *(2.6, 2.2)* (w/ Rr Differential lock) 2.5 *(2.6, 2.2)* (w/ o Rr Differential lock)
		5-door model	3.0 *(3.2, 2.6)* (w/ Rr Differential lock) 3.1 *(3.3, 2.7)* (w/ o Rr Differential lock)

liter *(US qts, Imp. qts)*

Hypoid gear oil API GL–5
With LSD use LSD oil only
SAE 90 (⬆ *–18° C (0° F)*)
SAE 80W, 80W–90
(⬇ *–18° C (0° F)*)



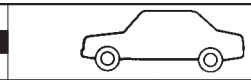
RZJ•GRJ
⬇ 30 (1.2)

mm *(in.)*

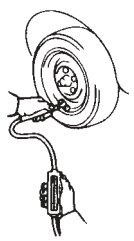


	3–door model	5–door model
A	0°16′±45′ *(0.27°±0.75°)*	0°19′±45′ *(0.32°±0.75°)*
B	12°14′±45′ *(12.23°±0.75°)*	12°11′±45′ *(12.18°±0.75°)*
C	2°41′±45′ *(2.68°±0.75°)*	Normal suspension 2°40′±45′ *(2.67°±0.75°)* Air suspension 2°56′±45′ *(2.93°±0.75°)*
D	36°20′ $^{+1°}_{-2°}$ *(36.33° $^{+1°}_{-2°}$)*	
E+F	0°05′±0°10′ *(0.08°±0.16°)*	0°10′±0°10′ *(0.16°±0.16°)*
G–H mm *(in.)*	1±2 *(0.04+0.08)*	2±2 *(0.08+0.08)*





225/70R17 108S	200 *(2.0, 29)*	200 *(2.0, 29)* 260 *(2.7, 38)*1*
225/70R17C 108S	200 *(2.0, 29)*	200 *(2.0, 29)* 290 *(3.0, 42)*1*
P265/65R17 110S	200 *(2.0, 29)*	200 *(2.0, 29)*
265/65R17 112S	200 *(2.0, 29)* 190 *(1.9, 28)*2*	200 *(2.0, 29)* 190 *(1.9, 28)*2*



kPa *(kgf/cm², psi)*

*1: Standard inflation for all loads including full rated loads
*2: Australia

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※1: When brake pedal is depressed with force of 490 N (50 kgf, 110 lbf) while engine is running.
※2: w/ ABS ※3: w/o ABS ※4: w/ ABS and VSC ※5: w/ VSC and TRC ※6: w/o VSC and TRC

Overseas Customer Service Technical Division: 01-040127-00