SDS TOYOTA Coaster

RZB40, 50
BZB40, 50

Jan. '04

		3RZ–FE	1BZ–FPE
	cm³ or CC (cu. in.)	2694 (164.3)	4104 (250.4)
※ mm (in.) N (kgf)		7–8 (0.28–0.31) ※295–440 (30–45)	14–20 (0.55–0.79) ※196–392 (20–40)
		10–12.5 (0.39–0.49) ※147–343 (15–35)	11–15 (0.43–0.59) ※147–343 (15–35)
		13–15 (0.51–0.59) ※245–392 (25–40)	————
A	DENSO	K16R–U	SK20R5–G
	NGK	BKR5EYA	————
	A mm (in.)	0.8 (0.031)	0.5 (0.01)
kΩ		🡻 25	
BTDC		3° – 7° (Check Connector TE_1–E_1 Connected)	12° (Check Connector TE_1–E_1 Connected)
mm (in.)		0.15–0.25 (0.006–0.010)	0.20 (0.008)
		0.25–0.35 (0.010–0.014)	0.36 (0.014)
rpm		750–850	650–750
*1 CO%		General 1.0–2.0 Others 0.0–1.0	0.0–1.0

kPa (kgf/cm², psi)		1230 (12.5, 178)	1270 (13, 185)
		🡹 880 (9.0, 127)	🡹 980 (10, 142)
		🡻 98 (1.0, 14)	🡻 190 (1.9, 28)
kPa (kgf/cm², psi)		🡹 29 (0.3, 4.3)	
	3,000 rpm	245–490 (2.5–5.0, 36–71)	4,000 rpm 245–588 (2.5–60, 36–85)
N·m (kgf·cm, ft·lbf)	A	① 39 (400, 29) ② 90° ③ 90°	① 49 (500, 36) ② 90° ③ 90°
	B	29 (300, 22)	18.5 (189, 14)
	C	49 (500, 36)	47.5 (484, 35)

	3RZ–FE	1BZ–FPE
liter (US qts, Imp. qts)	4.7 (5.0, 4.1)	7.8 (8.2, 6.9)
	5.5 (5.8, 4.8)	8.6 (9.1, 7.6)

Gasoline and LP gas engines–
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 multigrade engine oil

liter (US qts, Imp. qts)	w/Front Heater 14.3 (15.1, 12.6) w/Front and Rear Heaters 16.7 (17.7, 14.7) w/o Front and Rear Heaters 10.8 (11.4, 9.5)	14.7 (15.5, 12.9)

* ILSAC: International Lubricant Standardization and Approval Committee
*1 In the 2 mode (2,500 rpm and idle) test, follow the measurement order prescribed by the applicable local regulations.

Printed in Japan

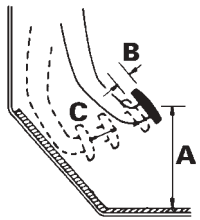
TOYOTA MOTOR CORPORATION

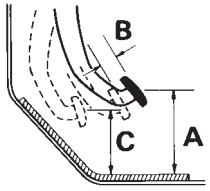
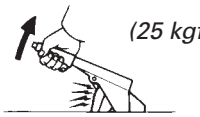
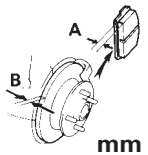
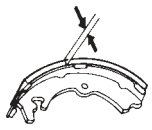
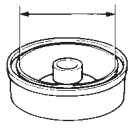
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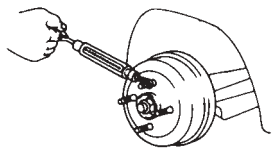
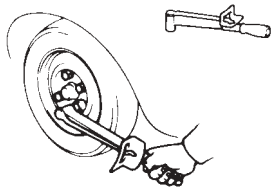
Coaster

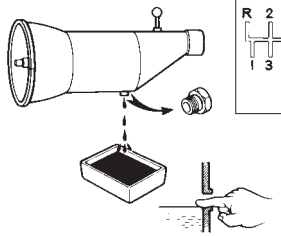
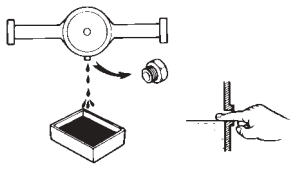
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BZB40 – *2000722～* BZB50 – *3000031～*

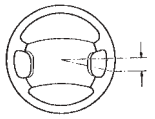
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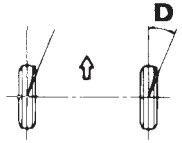
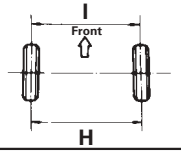
		RZB	BZB
	A	EX Grade 161.8–171.8 *(6.370–6.764)* Others 164.8–174.8 *(6.488–6.882)*	
	B	5–15 *(0.20–0.60)*	10–25 *(0.4–1.0)*
	C	↑ 25 *(0.98)*	
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT3**	

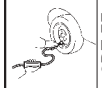
		RZB	BZB
	A	172.2–182.2 *(6.780–7.173)*	
	B	1–6 *(0.04–0.24)*	
	C*3	w/ Front drum brake ↑ 50 *(2.0)* w/ Front disc brake ↑ 45 *(1.8)*	
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT3**	
 **245 N** *(25 kgf, 55 lbf)*		6–8	
	A	↑ 1.0 *(0.039)*	
mm *(in.)*	B	↑ 33.0 *(1.299)*	
		↑ 1.5 *(0.059)*	
mm *(in.)*		↑ 4.2 *(0.165)*	
		6.3 in. ↓ 161 *(6.34)*	
		7.9 in. ↓ 201 *(7.91)*	
mm *(in.)*		↓ 322 *(12.68)*	

		RZB	BZB
 **N** *(kgf, lbf)*		4.9–14.2 *(0.5–1.4 1.1–3.1)*	10–29 *(1.0–3.0 2.2–6.6)*
 **N·m** *(kgf·cm, ft·lbf)*		515 *(5250, 380)*	

		RZB	BZB
		3.2 *(3.4, 2.8)*	
liter *(US qts, Imp. qts)*		**API GL–4 or GL–5 SAE 75W–90**	
 **liter** *(US qts, Imp. qts)*		3.8 *(4.0, 3.3)*	**Hypoid gear oil API GL–5** **SAE90** (↑ –18°C *(0°F)*) **SAE80W, 80W–90** (↓ –18°C *(0°F)*)

		RZB	BZB
 mm *(in.)*		↓ 40 *(1.57)*	

		RZB	BZB
	A	0° ±30′ *(0° ± 0.5°)*	
	B	13°00′ *(13°)*	
	C	4°30′ ±30′ *(4.5° ± 0.5°)*	
	D	37°30′–40°30′ *(37.5° –40.5°)*	
	H–I mm *(in.)*	2.5 ± 1 *(0.098± 0.039)* (Tire Size 6.50R16) 3.5 ± 1 *(0.138± 0.039)* (Tire Size 7.00R16)	

 kPa *(kgf/cm², psi)*	3RZ-FE	6.50R16–10PRLT	STD grade models*1	550 *(5.50, 80)*	425 *(4.25, 62)*	
			EX grade models*1	500 *(5.00, 73)*	350 *(3.50, 51)*	
		7.00R16–10PRLT	STD grade models*1	475 *(4.75, 69)*	325 *(3.25, 54)*	
			EX grade models*1	400 *(4.00, 58)*	300 *(3.00, 44)*	
		7.00R16–12PRLT	G.C.C.*2	550 *(5.50, 80)*	350 *(3.50, 51)*	
			Others	500 *(5.00, 73)*		
	1BZ-FPE	6.50R16–8PRLT		475 *(4.75, 69)*	300 *(3.00, 44)*	
		7.00R16–10PRLT		525 *(5.25, 76)*	300 *(3.00, 44)*	

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*1: See "Model Code" (page vi in the beginning of owner's manual pub. No. OM36582E) if you are not sure of which model your vehicle is.
*2: Saudi Arabia, Sultanate of Oman, Bahrain, United Arab Emirates, Qatar, Kuwait
*3: When brake pedal is depressed with the force of 490 N (50 kgf, 110 lbf) while the engine is running.

Overseas Customer Service Technical Division: 01-040127-00