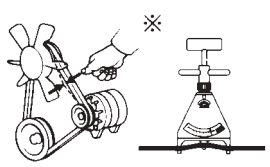
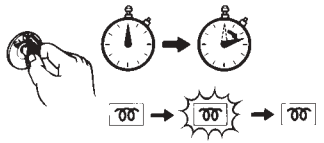
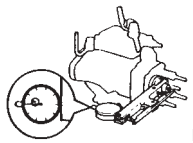
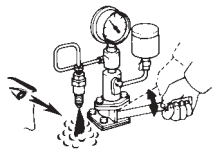
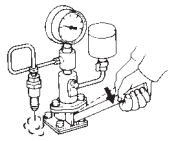
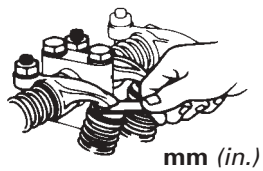
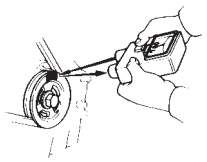
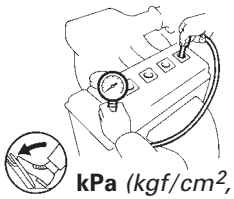
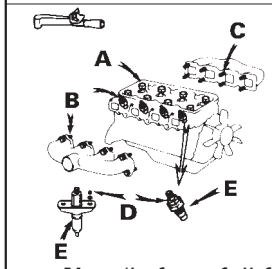
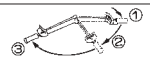
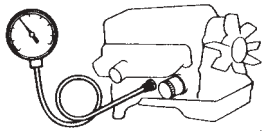
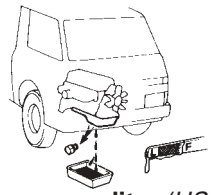
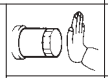
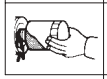
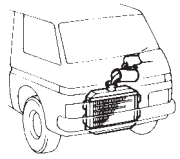
SDS TOYOTA Coaster Diesel

BB42, 50, 58
HZB50

Jan. '02

		14B	15B–FT	15B–FTE	1HZ	
	cm³ or CC *(cu. in.)*	3661 *(223.4)*	4104 *(250.4)*		4164 *(254.1)*	
 mm *(in.)* N *(kgf)*		11 – 16 *(0.43 – 0.63)* ※245 – 441 *(25 – 45)* (Single belt type) 14 – 20 *(0.55 – 0.79)* ※196 – 392 *(20 – 40)* (Double belt type)	14 – 20 *(0.55 – 0.79)*		11 – 13 *(0.43 – 0.51)* ※539 – 735 *(55 – 75)*	
		11 – 15 *(0.43 – 0.59)* ※147 – 343 *(15 – 35)*				
 20°C *(68°F)* Ω		—			12V 0.75	
					24V 3.10	
20°C *(68°F)*  secs		—	Hong Kong 0.5	With intake heater 0.5	12V 5.1 – 6.9	
					24V A/T, ※1 1.0 M/T, G.C.C., ※2 4.25 – 5.75	
 mm *(in.)*		1.31 – 1.37 *(0.0516 – 0.0539)*	3.7 – 3.8 *(0.1455 – 0.1494)*	—	0.65 – 0.71 ※3 *(0.0256 – 0.0280)* 0.85 – 0.91 ※4 *(0.0335 – 0.0358)*	
		○ × × × (14B, 15B–FT, 15B–FTE)		○ × × × (1HZ)		
 kPa *(kgf/cm², psi)*		17652 – 20594 *(180 – 210 2560 – 2987)*	16180 – 18630 *(165 – 190 2350 – 2700)*	17162 – 18142 *(175 – 185 2489 – 2632)*	14220 – 15200 *(145 – 155 2062 – 2205)*	
		19613 – 20594 *(200 – 210 2845 – 2987)*	17650 – 18630 *(180 – 190 2560 – 2700)*		14710 – 15690 *(150 – 160 2133 – 2276)*	
 mm *(in.)*		0.20 *(0.008)*			0.15 – 0.25 *(0.006 – 0.010)*	
		0.36 *(0.014)*			0.35 – 0.45 *(0.014 – 0.018)*	

 rpm		600 – 700	650 – 750	600 – 700	600 – 700
		—			660 – 760
		4050 – 4250	3800 – 4000	Taiwan 3750 – 3950 Others 3500 – 3700	4500 – 4700
 kPa *(kgf/cm², psi)*		2942 *(30.0, 427)*	3138 *(32.0, 455)*	3000 *(31.0, 441)*	3628 *(37.0, 526)*
		↑ 1961 *(20.0, 284)*		↑ 1960 *(20.0, 284)*	↑ 2648 *(27.0, 384)*
		↓ 196 *(2.0, 28)*			↓ 490 *(5.0, 71)*
 N·m *(kgf·cm, ft·lbf)*	A	 ① 49 *(500, 36)* ② 90° ③ 90°			 ① 68.6 *(700, 51)* ② 90° ③ 90°
	B	18.5 *(189, 14)*			19.6 *(200, 14)*
	C	47.5 *(48.5, 35)*	44.1 *(450, 33)*		41.7 *(425, 31)*
	D	18 *(185, 13)*	21 *(214, 15.5)*		63.7 *(650, 47)*
	E	29 *(300, 22)*			46.58 *(479, 35)*
 kPa *(kgf/cm², psi)*		↑ 29 *(0.3, 4.3)*			
	3,000 rpm 	245 – 588 *(2.5 – 6.0, 36 – 85)*			

		14B	15B–FT	15B–FTE	1HZ
 liter *(US qts, Imp. qts)*		7.8 *(8.2, 6.9)*			8.5 *(9.0, 7.5)*
		8.6 *(9.1, 7.6)*			9.8 *(10.4, 8.6)*
		Use API CF-4 or CF (You may also use API CE or CD.)			
 liter *(US qts, Imp. qts)*	Europe Australia Ex–U.S.S.R.	—	—	—	14.9 *(15.7, 13.1)*
	Others	w/ Front Heater 14.2 *(15.0, 12.5)* w/ Front and Rear Heaters 15.0 *(15.9, 13.2)* 16.3 *(17.2, 14.3)* ※1 w/o Front and Rear Heaters 11.8 *(12.5, 10.4)*	w/ Front Heater 15.0 *(15.9, 13.9)* w/ Front and Rear Heaters 17.8 *(18.8, 15.7)* w/o Front and Rear Heaters 13.9 *(14.7, 12.2)*		w/ Front Heater 15.9 *(16.8, 14.0)* w/ Front and Rear Heaters 16.9 *(17.9, 14.9)* 18.2 *(19.2, 16.0)* ※1 w/o Front and Rear Heaters 14.0 *(14.8, 12.3)*

Printed in Japan [I] ※1: Vehicles cold with weather package ※2: Vehicles without cold weather package ※3: w/ACSD ※4: w/o ACSD

TOYOTA MOTOR CORPORATION

Pub. No. SDS461E

Coaster Diesel

BB42 – *2001244~* BB50 – *3000227~*, *4000279~* , *5500061~*
BB58 – *5000758~* HZB50 – *1002525~*, *2000301~*

TOYOTA QUALITY SERVICE

Brake Pedal

	BB • HZB
A	EX Grade 161.8–171.8 *(6.370–6.764)* Others 164.8–174.8 *(6.488–6.882)*
B	15B–FT, 15B–FTE 10–25 *(0.4–1.0)* Others 5–15 *(0.2–0.6)*
C	↑ 25 *(0.98)*
mm *(in.)*	**SAE J1703 or FMVSS No. 116 DOT3**

Parking Brake

	BB • HZB
A	EX Grade 169.2–179.2 *(6.661–7.055)* Others 172.2–182.2 *(6.780–7.173)*
B	1–6 *(0.04–0.24)*
C	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

Brake Booster

		BB	HZB
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)*	

Steering Wheel

	BB • HZB
mm *(in.)*	↓ 40 *(1.57)*

Front Wheel Alignment

	BB • HZB
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 *(0.98± 0.39)* (Tire Size 6.50R16, 215/70R 17.5) 3.5± 1 *(0.138± 0.039)* (Tire Size 7.00R16)

Fluid Capacity

	BB	HZB
liter *(US qts, Imp. qts)*	4.2 *(4.4, 3.7)*	
liter *(US qts, Imp. qts)*	w/ cooler 3.9 *(4.1, 3.4)* w/o cooler 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)*	——	
liter *(US qts, Imp. qts)*	——	
liter *(US qts, Imp. qts)*	3.8 *(4.0, 3.3)*	
liter *(US qts, Imp. qts)*	**Hypoid gear oil API GL–5** **SAE 90** (↑ –18°C *(0° F)*) **SAE 80W or 80W–90** (↓ –18°C *(0° F)*)	

Tire Pressure

kPa *(kgf/cm²,* psi)	14B	GCC countries*2		6.50R16–10PRLT	550 *(5.50, 80)*	475 *(4.75, 69)*
				7.00R16–10PRLT	500 *(5.00, 73)*	375 *(3.75, 54)*
		Except GCC Countries*2		6.50R16–10PRLT	550 *(5.50, 80)*	475 *(4.75, 69)*
				7.00R16–10PRLT	475 *(4.75, 69)*	375 *(3.75, 54)*
	15B-FT	Long wheelbase models*1	EX grade models*1	7.00R16–10PRLT	525 *(5.25, 76)*	300 *(3.00, 44)*
			Except EX grade models*1	7.00R16–12PRLT	600 *(6.00, 87)*	375 *(3.75, 54)*
		Super long wheelbase models*1		215/70R 17.5 118/116L LT	525 *(5.25, 76)*	325 *(3.25, 47)*
	15B-FTE	Long wheelbase models*1		7.00R16–10PRLT	525 *(5.25, 76)*	300 *(3.00, 44)*
				7.00R16–12PRLT	600 *(6.00, 87)*	375 *(3.82, 26)*
				215/70R 17.5 118/116L LT	Taiwan 525 *(5.35, 37)* Others 600 *(6.00, 87)*	Taiwan 325 *(3.31, 23)* Others 350 *(3.75, 54)*
	1HZ		EX grade models*1	7.00R16–10PRLT	525 *(5.25, 76)*	300 *(3.00, 44)*
			Except EX grade models*1	7.00R16–12PRLT	600 *(6.00, 87)*	375 *(3.75, 54)*

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*1: See "Model Code" (page vi in the beginning of owner's manual pub. No. OM36577E) if you are not sure of which model your vehicle is.
*2: Saudi Arabia, Sultanate of Oman, Bahrain, United Arab Emirates, Qater, Kuwait