SDS TOYOTA Coaster Diesel

BB40, 42, 43, 50, 58
HZB50

Jul. '99

	14B	15B–FT	15B–FTE	1HZ
cm³ or CC *(cu. in.)*	3661 *(223.4)*	4104 *(250.4)*		4164 *(254.1)*
mm *(in.)* N *(kgf)* ※ — Belt deflection	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)			8–11 *(0.31–0.43)* ※196–343 *(20–35)*
	11–15 *(0.43–0.59)* ※147–343 *(15–35)*			11–13 *(0.43–0.51)* ※539–735 *(55–75)*
20°C *(68°F)* Ω	—			12V 0.75 24V 3.10
20°C *(68°F)* secs	—	Hong Kong 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)*	0.87–0.93 *(0.0342–0.0366)*		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)*

		Hong Kong 750–850 Others 600–700	700–750	Taiwan 750–800 Others 600–700	600–700
rpm	R 2 4 / 1 3 5 / F U/Z S B		—		660–760
		4050–4200	3900–4100	3750–3950	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)*※2 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)*	17.8 *(18.8, 15.7)*	w/ Front Heater 15.9 *(16.8, 14.0)* w/ Front end Rear Heaters 16.9 *(17.9, 14.9)* 18.2 *(19.2, 16.0)*※2 w/o Front and Rear Heaters 14.0 *(14.8, 12.3)*

Printed in Japan [I]

※1: Vehicles cold weather package ※2: Vehicles without cold weather package
※3: w/ACSD ※4: w/o ACSD

TOYOTA MOTOR CORPORATION **Pub. No. SDS414E**

Coaster Diesel

BB42 – *0007859~*, *3000001~* BB43 – *0001224~* BB50 – *8000357~*, *9000045~*
BB58 – *5000457~* HZB50 – *0107965~*, *4000001~*, *8004770~*

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 10–25 *(0.4–1.0)* Others 5–15 *(0.2–0.6)*
C	⬆ 25 *(0.98)*
mm *(in.)*	**SAE J1703 FMVSS No. 116 DOT3**

Brake Drum

	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 FMVSS No. 116 DOT3**
245 N *(25 kgf, 55 lbf)*	6–8

Brake Lining

A		Europe ⬆ 3.0 *(0.118)* Others ⬆ 1.0 *(0.039)*	
B		⬆ 33.0 *(1.299)*	
mm *(in.)*		⬆ 1.5 *(0.059)*	
		⬆ 4.2 *(0.165)*	
mm *(in.)*	6.3 in.	⬇ 161 *(6.34)*	
	7.9 in.	⬇ 201 *(7.91)*	
		⬇ 322 *(12.68)*	

Parking Brake

N *(kgf, lbf)*	5–19 *(0.5–1.9 1.1–4.2)* / 10–29 *(1.0–3.0 2.2–6.6)*
N·m *(kgf·cm, ft·lbf)*	515 *(5250, 380)*

Capacities

	BB	HZB
liter *(US qts, Imp. qts)*	4.2 *(4.4, 3.7)*	
	w/ cooler 3.9 *(4.1, 3.4)* w/o cooler 3.2 *(3.4, 2.8)*	
	API GL–4 or GL–5 SAE 75W–90	
liter *(US qts, Imp. qts)*	6.0 *(6.3, 5.3)*	
	ATF DII or DEXRON®III (DEXRON®II)	
liter *(US qts, Imp. qts)*	3.8 *(4.0, 3.3)*	
	Hypoid gear oil API GL–5 SAE 90 (⬆ –18°C *(0°F)*) **SAE 80W or 80W–90** (⬇ –18°C *(0°F)*)	

Steering Wheel

	BB • HZB
mm *(in.)*	⬇ 40 *(1.57)*

Front Wheel Alignment

		BB • HZB
	A	0°00′±45′ *(0°±0.75°)*
	B	13°00′ *(13°)*
	C	4°30′±45′ *(4.5°±0.75°)*
	D	39°00′±1°30′ *(39°±1.5°)*
mm *(in.)*	H–I	2.5±2 *(0.10±0.08)* (Tire Size 6.50R16) 3.5±2 *(0.14±0.08)* (Tire Size 7.00R16)

Wheel and Tire

	Australia	BB	6.50R16–8PRLT	475 *(4.75, 69)*	375 *(3.75, 54)*
		HZB	7.00R16–10PRLT	525 *(5.25, 76)*	300 *(3.00, 44)*
	Others	BB	7.00R16–10PRLT	475 *(4.75, 69)*	375 *(3.75, 54)*
				500 *(5.00, 73)* ※1	
				525 *(5.25, 76)* ※2	300 *(3.00, 44)*
			7.00R16–8PRLT	———	375 *(3.75, 54)*
				———	300 *(3.00, 44)* ※2
			7.00R16–12PRLT	600 *(6.00, 87)*	375 *(3.75, 54)*
			6.50R16–10PRLT	550 *(5.50, 80)*	475 *(4.75, 69)*
			6.50R16–8PRLT	475 *(4.75, 69)*	300 *(3.00, 44)*
					375 *(3.75, 54)* ※3
			215/70R 17.5 118/116L LT	575 *(5.75, 83)*	325 *(3.25, 47)*
		HZB	7.00R16–12PRLT	600 *(6.00, 87)*	375 *(3.75, 54)*
			7.00R16–10PRLT	525 *(5.25, 76)*	300 *(3.00, 44)*
			7.00R16–8PRLT (EX Grade)	———	300 *(3.00, 44)*
			(Others)	———	375 *(3.75, 54)*
kPa *(kgf/cm² or bar, psi)*					

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※1 G.C.C ※2 EX grade model ※ 3 Australia