SDS TOYOTA CAMRY ACV36, MCV36 August, 2002

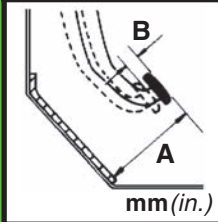
		2AZ-FE	1MZ-FE
	cc³ or CC *(cu in.)*	2362 *(144.1)*	2995 *(182.8)*
98N force	mm*(in.)*	———	11-13.5 *(0.43-0.53)*
	❊kgf	———	❊294-490 (30-50)
		———	10-12 *(0.39-0.47)*
		———	❊323-519 (33-53)
A	Denso	K20R-U11	PK20TR11
A	NGK	BKR6EYA-11	BKR6EKPB-11
A	A mm*(in.)*	1.1 *(0.043)*	
	kΩ	⇩ 25	
	BTDC	8 - 12° (DLC3 Terminals 13 (TC) - 4 (CG) Connected)	
	mm*(in.)*	0.19-0.29 *(0.007-0.011)*	0.15-0.25 *(0.006-0.010)*
		0.30-0.40 *(0.012-0.016)*	0.25-0.35 *(0.010-0.014)*
(DLC3 Terminal 9 (TAC) Connected)	rpm	650-750	
		610-710	550-650
	CO%	⇩ 0.5	

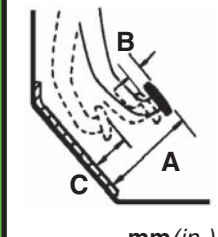
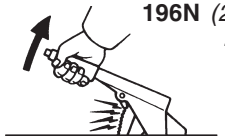
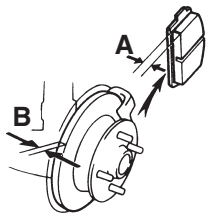
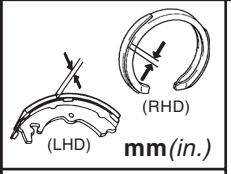
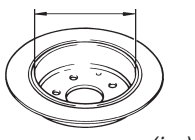
	kPa *(kgf/cm², psi)*		1360 *(13.9, 198)* / 1470 *(15.0, 213)*
			⇧ 980 *(10.0, 142)*
			⇩ 100 *(1.0, 15)*
	-kPa *(-mmHg, -in.Hg)*		⇧ 60.0 *(450, 17.72)*
	kPa *(kgf/cm², psi)*		⇧ 29 *(0.3, 4.3)*
		3,000 rpm	245-539 *(2.5-5.5, 36-78)*
A	N·m *(kgf·cm, ft-lbf)*	① 79 *(806, 58)* ② 90°	① 54 *(550, 40)* ② 90° Recessed Head Bolt 18 *(185,13)*
B		37 *(378, 27)*	49 *(500, 36)*
C		30 *(306, 12)*	15 *(153, 11)*

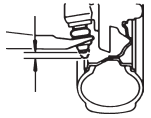
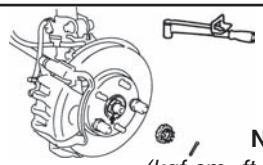
	2AZ-FE	1MZ-FE
litre *(US qts, imp.qts)*	4.1 *(4.3, 3.6)*	4.5 *(4.8, 4.0)*
	4.3 *(4.5, 3.8)*	4.7 *(5.0, 4.1)*
	API SJ "Energy-Conserving", SL "Energy-Conserving" or ILSAC multigrade engine oil	
litre *(US qts, imp.qts)*	6.2 *(6.6, 5.5)*	9.2 (9.7, 8.1)

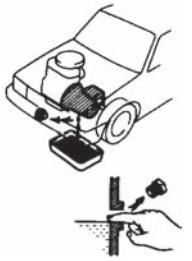
CAMRY ACV36, MCV36

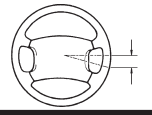
TOYOTA QUALITY SERVICE

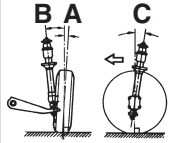
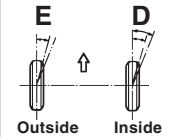
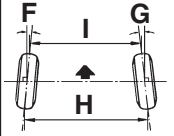
		LHD	RHD
 mm(in.)	A ACV	156.5 (6.160)	162.3 (6.390)
	A MCV	161.2 (6.346)	166.6 (6.560)
	B	5-15 (0.197-0.591)	
		SAE J1703 or FMVSS No. 116 DOT3	

		LHD	RHD
 mm(in.)	A	144.1-154.1 (5.673-5.713)	148.3-149.3 (5.839-5.878)
	B	1-6 (0.04-0.24)	
	C	⬆63 (2.48)	⬆70 (2.76)
		SAE J1703 or FMVSS No. 116 DOT3	
 196N (20kgf, 44lbf)		6-9 clicks	
 mm(in.)	A	⬆1.0 (0.039)	
	B	FRONT	
		⬆26.0 (1.024)	
		REAR	
		⬆10.5 (0.335)	⬆8.5 (0.335)
 mm(in.)		⬆1.0 (0.039)	⬆1.5 (0.059)
 mm(in.)		⬇171.0 (6.73)	⬇191.0 (7.52)

	ACV, MCV
 mm(in.)	0 (0)
 N·m (kgf·cm, ft-lbf)	294 (3000, 217)
 N·m (kgf·cm, ft-lbf)	104 (1050, 77)

		ACV, MCV
 litre (US qts, Imp.qts)	ACV	2.5 (2.6, 2.2)
	MCV	4.2 (4.4, 3.7)
		Multipurpose gear oil API GL4 or GL5 SAE 75W-90
 litre (US qts, Imp.qts)	ACV	3.5 (3.7, 3.1)
		ATF Type T-IV
 litre (US qts, Imp.qts)	MCV	4.75 (5.0, 4.2)
		ATF D-II or DEXRON® III (DEXRON® II)

	ACV, MCV
 mm(in.)	⬇ 30 (1.18)

		FRONT	REAR
	A *1	-0°35'±45' (-0.58°±0.75°)	-0°40'±45' (-0.67°±0.75°)
	A *2	-0°38'±45' (-0.63°±0.75°)	-0°47'±45' (-0.78°±0.75°)
	A *3	-0°32'±45' (-0.53°±0.75°)	-0°35'±45' (-0.58°±0.75°)
	A *4	-0°20'±45' (-0.33°±0.75°)	-0°25'±45' (-0.42°±0.75°)
	B *1	13°01'±45' (13.00°±0.75°)	—
	B *2	13°05'±45' (13.00°±0.75°)	
	B *3	12°57'±45' (12.95°±0.75°)	
	B *4	12°35'±45' (12.58°±0.75°)	
	C *1	2°13'±45' (2.22°±0.75°)	—
	C *2	2°18'±45' (2.30°±0.75°)	
	C *3	2°09'±45' (2.00°±0.75°)	
	C *4	2°07'±45' (2.00°±0.75°)	
 Outside (tyre) Inside (tyre)	D *1	35°49'±2° (35.82°±2°)	—
	D *2	35°44'±2° (35.73°±2°)	
	D *3	35°51'±2° (35.85°±2°)	
	D *4	36°07'±2° (36.00°±2°)	
	E *1	31°26'±2° (31.43°±2°)	—
	E *2	31°22'±2° (31.37°±2°)	
	E *3	31°46'±2° (31.77°±2°)	
	E *4	31°46'±2° (31.77°±2°)	
	F+G	0°±0.2°	0.4°±0.2°
	H-I mm(in.)	0±2 (0±0.08 in.)	4±2 (0.16±0.08 in.)

Note: *1 Australia / New Zealand (15 in. wheel)
*2 Australia / New Zealand (16 in. wheel)
*3 GCC
*4 Fiji / PNG

Tyre Size	Load	Max. Speed	Pressure kPa (kgf/cm², psi) FRONT	REAR
205/65R15 94H	Up to 4 Occupants	—	210 (2.1, 30)	210 (2.1, 30)
	Over 4 Occupants	—	210 (2.1, 30)	235 (2.35, 33)
205/60R16 92H	Up to 4 Occupants	—	250 (2.5, 36)	220 (2.2, 32)
	Over 4 Occupants	—	250 (2.5, 36)	220 (2.2, 32)
205/65R15 94V	—	Up to 160 km/h	220 (2.2, 31)	220 (2.2, 31)
	—	Over 160 km/h	260 (2.6, 37)	260 (2.6, 37)
	—	Over 210 km/h	280 (2.8, 40)	280 (2.8, 40)

kPa(cm²,psi)

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