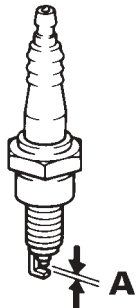
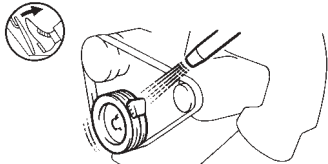
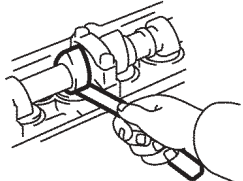


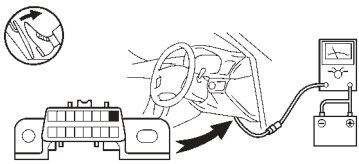
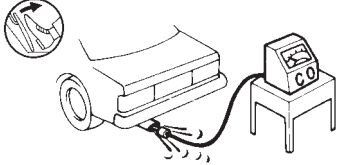
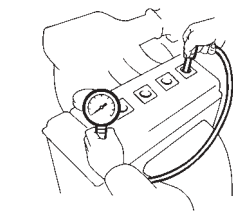







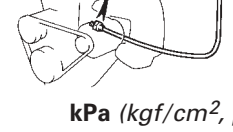


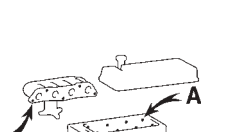

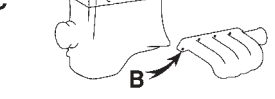
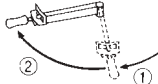

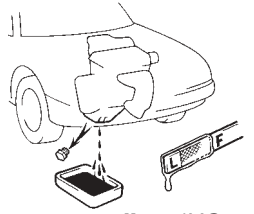


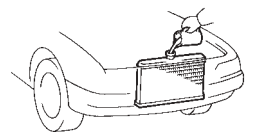


		1ZZ-FE	3ZZ-FE
cm ³ or CC (cu. in.)		1794 (109.5)	1598 (97.5)
	DENSO	K16R-U11	
	NGK	BKR5EYA11	
	A mm (in.)	1.1 (0.043)	
	BTDC	8-12° (DLC3 Terminals 13(TC)-4(CG) Connected)	
		0.15-0.25 (0.006-0.010)	
		0.25-0.35 (0.010-0.014)	
	rpm	600-700 (DLC Terminals 9(TAC) Connected)	
	CO%	0-0.5	

		1270 (13.0, 184)	
		 1000 (10.2, 145)	
		 100 (1.0, 14)	
		 29 (0.3, 4.3)	
		294-539 (3.0-5.5, 43-78)	
	A	 ① 49 (500, 36) ② 90°	
	B	30 (306, 22)	
	C	37 (377, 27)	

		1ZZ-FE	3ZZ-FE
		3.5 (3.7, 3.1)	
		3.7 (3.9, 3.3)	
liter (US qts, Imp.qts)	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		
		5.8 (6.1, 5.1)	
		5.9 (6.2, 5.2)	

Corolla Verso



	A	138–148 (5.433–5.827)	146.8–156.8 (5.780–6.173)
	B	5–15 (0.197–0.591)	
	C	25 (0.92)	
mm (in.)		SAE J1704 or FMVSS No. 116 DOT4	

	A	146.5–156.5 (5.768–6.161)	156.8–166.8 (6.173–6.567)
	B	1–6 (0.04–0.24)	
	C*1	65 (2.6)	
mm (in.)		SAE J1704 or FMVSS No. 116 DOT4	

		196 N (20 kgf, 44.1 lbf)	
		6–9	

	A	2.0 (0.079)	
	B	24.0 (0.945)	8.5 (0.335)
mm (in.)			

		1.6 (0.063)	
mm (in.)			



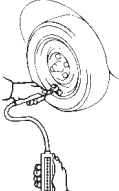





		181.0 (7.126)	
mm (in.)			

		ZZE	
		294 (2998, 217)	
N·m (kgf-cm, ft-lbf)			
		103 (10.5, 76)	
N·m (kgf-m, ft-lbf)			

		ZZE	
		1.9 (2.0, 1.7)	
		API GL-4 or GL-5 SAE 75W-90	
liter (US qts, Imp. qts)			

		ZZE	
		30 (1.2)	
mm (in.)			

	A	–0°32'±45' (–0.53°±0.75°)	–1°27'±45' (–1.45°±0.75°)
	B	12°17'±45' (12.28°±0.75°)	—
	C	2°53'±45' (2.88°±0.75°)	—
	D	35°25'±2° (35.41°±2°)	—
	E+F	0°10'±12' (0.16°±0.2°)	0°11'±12' (0.18°±0.2°)
	G–H mm (in.)	2±2 (0.08±0.08)	2.2±2.5 (0.09±0.1)

				
km / h (mph)				
	205 / 55R16 91V	 160 (100)	240*2 260*3 (2.4, 35) (2.6, 37)	220*2 280*3 (2.2, 32) (2.8, 41)
		 160 (100)	240*2 *3 (2.4, 35)	220*2 230*3 (2.2, 32) (2.3, 33)
	215 / 50R17 91V	 160 (100)	240*2 260*3 (2.4, 35) (2.6, 37)	240*2 280*3 (2.4, 35) (2.8, 41)
		 160 (100)	240*2 *3 (2.4, 35)	240*2 *3 (2.4, 35)
kPa (kgf/cm² or bar, psi)				