
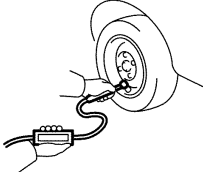
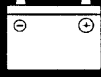
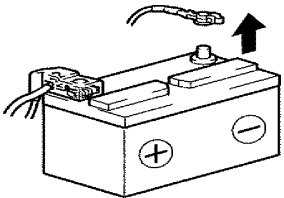
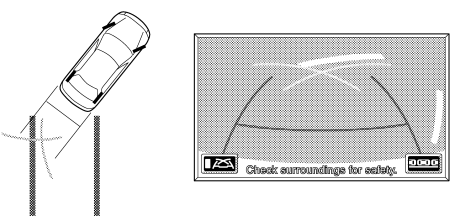
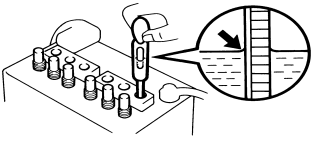


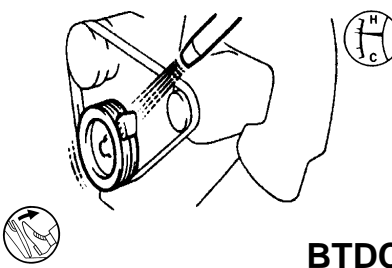
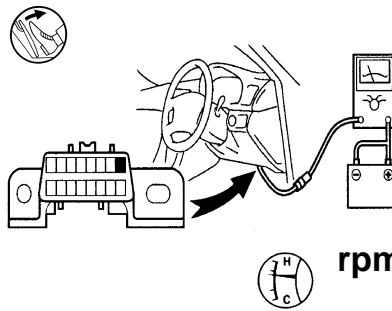
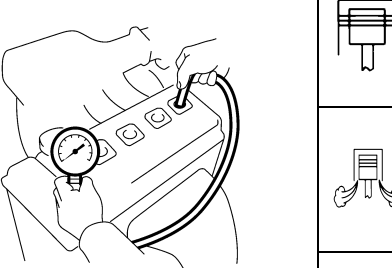






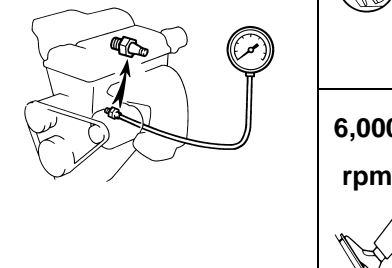





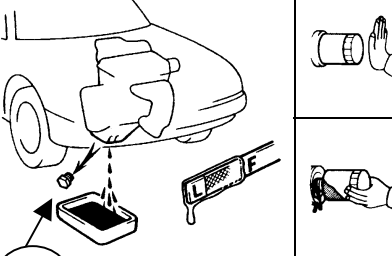


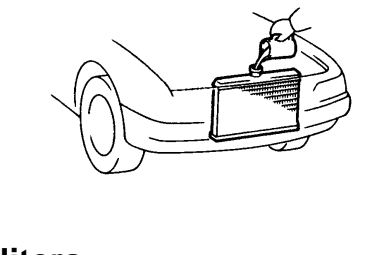


	<b>A</b>	173.1 to 183.1 (6.82 to 7.20)	164.2 to 174.2 (6.47 to 6.85)
	<b>B</b>	5.0 to 15.0 (0.197 to 0.591)	
	<b>C</b>	↑ 25 (0.984)	
mm (in.)		<b>SAE J1703 or FMVSS No. 116 DOT3</b>	
	<b>A</b>		151.8 to 161.8 (5.98 to 6.37)
			146.6 to 156.6 (5.77 to 6.17)
	<b>B</b>	1.0 to 2.0 (0.0394 to 0.0787)	
	<b>C</b>		↑ 108 (4.25)*1 ↑ 105 (4.13)*2
		↑ 104 (4.09)	↑ 110 (4.33)
mm (in.)		<b>SAE J1703 or FMVSS No. 116 DOT3</b>	
<b>300 N (31 kgf, 67.5 lbf)</b> 		7 to 9	
<b>200 N (20 kgf, 45.0 lbf)</b> 		5 to 7	
	<b>A</b>	↑ 1.0 (0.0394)	
	<b>B</b>	↑ 25.0 (0.984)*1 ↑ 27.0 (1.06)*2	↑ 16.5 (0.650)
mm (in.)		↑ 1.0 (0.0394)	
		↓ 191 (7.52)	
		<b>GSE</b>	
	A760E	Drain and refill 1.8 (1.9, 1.6)	
	A960E	Drain and refill 1.5 (1.6, 1.3)	
liters (US qts, Imp. qts)		<b>TOYOTA Genuine ATF WS</b>	
<b>N-m (kgf-cm, ft-lbf)</b>		<b>A</b>	20 (204, 15)

		1.8 (1.9, 1.6)	
liters (US qts, Imp. qts)		<b>API GL-5 SAE 75W-90</b>	
<b>N-m (kgf-cm, ft-lbf)</b>		<b>A</b>	37 (377, 27)
	1.10 to 1.20 (1.17 to 1.27, 0.97 to 1.05)		<b>Toyota genuine differential gear oil LT 75W-85 GL-5 or equivalent</b>
	liters (US qts, Imp. qts)		
<b>N-m (kgf-cm, ft-lbf)</b>		<b>A</b>	49 (500, 36)
		<b>GSE</b>	
		103 (1050, 76)	
		<b>GSE</b>	
mm (in.)		↓ 30 (1.18)	
	<b>A</b>	-0°11' +/- -45' (-0.18° +/- 0.75°)	-0°58' +/- -45' (-0.97° +/- 0.75°)
	<b>B</b>	10°29' +/- -45' (10.48° +/- 0.75°)	-
	<b>C</b>	7°55' +/- -45' (7.92° +/- 0.75°)*3	-
		7°47' +/- -45' (7.78° +/- 0.75°)*4	-
<b>D</b>	41°48' +/- -2° (41.8° +/- 2°)	-	
	<b>E+F</b>	0°06' +/- -0°11' (0.09° +/- 0.19°)	0°17' +/- -0°11' (0.28° +/- 0.19°)
	<b>G-H</b>	1.0 +/- -2.0 (0.04 +/- 0.08)	3.0 +/- -2.0 (0.118 +/- 0.0787)

\*1: Floating Type Caliper   \*2: Opposed Type Caliper   \*3: 17 inch Wheel   \*4: 18 inch Wheel

				
 <b>kPa</b> (kgf/cm <sup>2</sup> or bar, psi)	For Europe, GCC, Others	225/45R17 90W	300 (3.0, 44) <sup>*1</sup> 280 (2.8, 41) <sup>*2</sup> 240 (2.4, 35) <sup>*3</sup>	-
		245/45R17 95W	-	320 (3.2, 46) <sup>*1</sup> 300 (3.0, 44) <sup>*2</sup> 260 (2.6, 38) <sup>*3</sup>
		225/40R18 88Y <sup>*7</sup>	320 (3.2, 46) <sup>*1</sup> 300 (3.0, 44) <sup>*2</sup> 240 (2.4, 35) <sup>*3</sup>	-
		255/40R18 95Y <sup>*7</sup>	-	340 (3.4, 49) <sup>*1</sup> 320 (3.2, 46) <sup>*2</sup> 260 (2.6, 38) <sup>*3</sup>
	For Australia	225/45R17 90W	300 (3.0, 44) <sup>*4</sup> 240 (2.4, 35) <sup>*5</sup>	-
		245/45R17 95W	-	320 (3.2, 46) <sup>*4</sup> 260 (2.6, 38) <sup>*5</sup>
		225/40R18 88Y	320 (3.2, 46) <sup>*4</sup> 240 (2.4, 35) <sup>*5</sup>	-
		255/40R18 95Y	-	340 (3.4, 49) <sup>*4</sup> 260 (2.6, 38) <sup>*5</sup>
	For China	225/45R17 90W	300 (3.0, 44) <sup>*6</sup> 240 (2.4, 35) <sup>*3</sup>	-
		245/45R17 95W	-	320 (3.2, 46) <sup>*6</sup> 260 (2.6, 38) <sup>*3</sup>
			<b>GSE</b>	
	 <sup>*8</sup>		 <sup>*9</sup>	
 20°C (68°F)		1.25 to 1.29		
		<b>3GR-FE</b>	<b>4GR-FSE</b>	
cm <sup>3</sup> or cc (cu. in.)		2995 (182.8)	2500 (152.6)	
	<b>DENSO</b>	FK20HR11	FK20HBR11	
	<b>A</b> mm (in.)	1.0 to 1.1 (0.0394 to 0.0433)		

	8 to 12° (DLC3 Terminals 13 (TC) - 4 (CG) Connected)		
	700 to 800	650 to 750	
		1.2 (12.2, 174)	1.4 (14, 203)
		 0.9 (9.2, 131)	 0.98 (10.0, 142)
		 0.1 (1.0, 15)	
		 80 (0.8, 11.6)	
		6,000 rpm	 380 (3.9, 56)
		<b>GSE</b>	
		5.9 (6.2, 5.2)	
		6.3 (6.7, 5.5)	
<b>liters</b> (US qts, Imp. qts)	<b>SAE 5W-30, 10W-30:</b> API grade SL "Energy-Conserving" API grade SM "Energy-Conserving" or ILSAC*10, multi grade engine oil		
	<b>SAE 15W-40, 20W-50:</b> API grade SL or SM multi grade engine oil		
<b>N·m</b> (kgf-cm, ft-lbf)	<b>A</b>	40 (408, 30)	
			
<b>liters</b> (US qts, Imp. qts)	9.1 (9.6, 8.0)		

\*1: For driving at over 210 km/h (131 mph). \*2: For driving at 160 km/h (100 mph) to 210 km/h (131 mph). \*3: For driving under 160 km/h (100 mph).

\*4: For driving at over 140 km/h (87 mph). \*5: For driving under 140 km/h (87 mph). \*6: For driving at over 160 km/h (100 mph). \*7: For Europe only

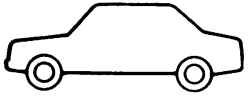
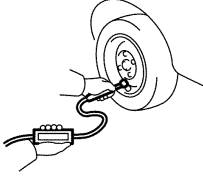
\*8: Initialization required. Refer to the repair manual for the initialization procedures. \*9: Parking Assist Monitor System.

\*10: ILSAC: International Lubricant Standardization and Approval Committee

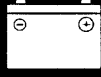
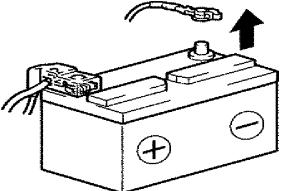
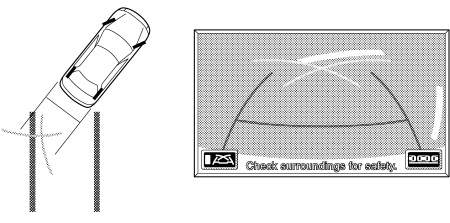
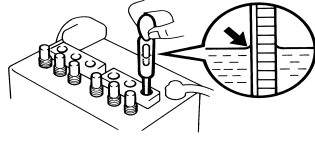
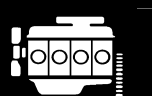
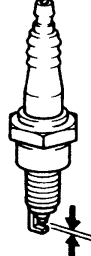
 mm (in.)	<b>A</b>	151.8 to 161.8 (5.98 to 6.37)	147.0 to 157.0 (5.79 to 6.18)
	<b>B</b>	1.0 to 2.0 (0.0394 to 0.0787)	
	<b>C</b>	↑ 108 (4.25)*1 ↑ 105 (4.13)*2	↑104 (4.09)
		<b>SAE J1703 or FMVSS No. 116 DOT3</b>	
300 N (31 kgf, 67.5 lbf) 		7 to 9	
 mm (in.)	<b>A</b>	↑ 1.0 (0.0394)	
	<b>B</b>	↑25.0 (0.984)*1 ↑27.0 (1.06)*2	↑16.5 (0.650)
	mm (in.)	↑1.0 (0.0394)	
	mm (in.)	↓191 (7.52)	
		<b>GSE</b>	
 liters (US qts, Imp. qts)	A760E	Drain and refill 1.8 (1.9, 1.6)	
	A960E	Drain and refill 1.5 (1.6, 1.3)	
		<b>TOYOTA Genuine ATF WS</b>	
	<b>A</b>	20 (204, 15)	
		<b>N-m (kgf-cm, ft-lbf)</b>	

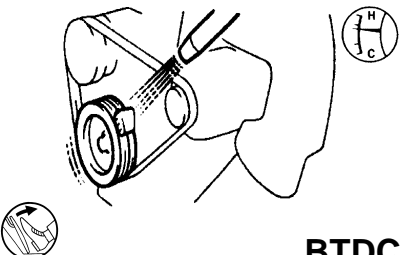
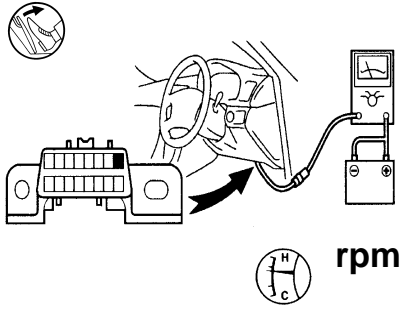
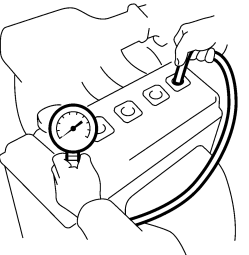



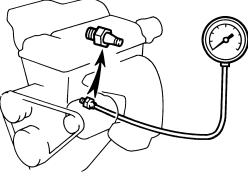



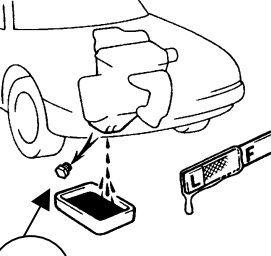


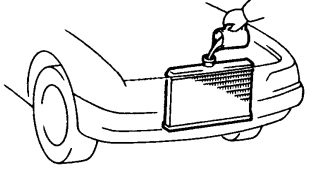
 liters (US qts, Imp. qts)	1.10 to 1.20 (1.17 to 1.27, 0.97 to 1.05)		
	<b>Toyota genuine differential gear oil LT 75W-85 GL-5 or equivalent</b>		
<b>N-m (kgf-cm, ft-lbf)</b>	<b>A</b>	49 (500, 36)	
		<b>GSE</b>	
	<b>N-m (kgf-cm, ft-lbf)</b>	103 (1050, 76)	
		<b>GSE</b>	
	mm (in.)	↓ 30 (1.18)	
 mm (in.)	<b>A</b>	-0°11' +/- 45' (-0.18° +/- 0.75°)	-0°58' +/- 45' (-0.97° +/- 0.75°)
	<b>B</b>	10°29' +/- 45' (10.48° +/- 0.75°)	-
	<b>C</b>	7°55' +/- 45' (7.92° +/- 0.75°)*3 7°47' +/- 45' (7.78° +/- 0.75°)*4	-
	<b>D</b>	41°48' +/- 2° (41.8° +/- 2°)	-
 mm (in.)	<b>E+F</b>	0°06' +/- 0°11' (0.09° +/- 0.19°)	0°17' +/- 0°11' (0.28° +/- 0.19°)
	<b>G-H</b>	1.0 +/- 2.0 (0.04 +/- 0.08)	3.0 +/- 2.0 (0.118 +/- 0.0787)

\*1: Floating Type Caliper   \*2: Opposed Type Caliper   \*3: 17 inch Wheel   \*4: 18 inch Wheel

				
 <b>kPa</b> (kgf/cm <sup>2</sup> or bar, psi)	For Europe, GCC, Others	225/45R17 90W	300 (3.0, 44) <sup>*1</sup> 280 (2.8, 41) <sup>*2</sup> 240 (2.4, 35) <sup>*3</sup>	-
		245/45R17 95W	-	320 (3.2, 46) <sup>*1</sup> 300 (3.0, 44) <sup>*2</sup> 260 (2.6, 38) <sup>*3</sup>
		225/40R18 88Y <sup>*7</sup>	320 (3.2, 46) <sup>*1</sup> 300 (3.0, 44) <sup>*2</sup> 240 (2.4, 35) <sup>*3</sup>	-
		255/40R18 95Y <sup>*7</sup>	-	340 (3.4, 49) <sup>*1</sup> 320 (3.2, 46) <sup>*2</sup> 260 (2.6, 38) <sup>*3</sup>
	For Australia	225/45R17 90W	300 (3.0, 44) <sup>*4</sup> 240 (2.4, 35) <sup>*5</sup>	-
		245/45R17 95W	-	320 (3.2, 46) <sup>*4</sup> 260 (2.6, 38) <sup>*5</sup>
		225/40R18 88Y	320 (3.2, 46) <sup>*4</sup> 240 (2.4, 35) <sup>*5</sup>	-
		255/40R18 95Y	-	340 (3.4, 49) <sup>*4</sup> 260 (2.6, 38) <sup>*5</sup>
	For China	225/45R17 90W	300 (3.0, 44) <sup>*6</sup> 240 (2.4, 35) <sup>*3</sup>	-
		245/45R17 95W	-	320 (3.2, 46) <sup>*6</sup> 260 (2.6, 38) <sup>*3</sup>

		<b>GSE</b>	
			
	<sup>*8</sup>		<sup>*9</sup>
	20°C (68°F)	1.25 to 1.29	
		<b>3GR-FE</b>	<b>4GR-FSE</b>
	cm <sup>3</sup> or cc (cu. in.)	2995 (182.8)	2500 (152.6)
	<b>DENSO</b>	FK20HR11	FK20HBR11
	<b>A</b> mm (in.)	1.0 to 1.1 (0.0394 to 0.0433)	

		<b>8 to 12°</b> (DLC3 Terminals 13 (TC) - 4 (CG) Connected)	
		700 to 800	650 to 750
		1.2 (12.2, 174)	1.4 (14, 203)
		0.9 (9.2, 131)	0.98 (10.0, 142)
		0.1 (1.0, 15)	
		80 (0.8, 11.6)	
		6,000 rpm	380 (3.9, 56)
		<b>GSE</b>	
		5.9 (6.2, 5.2)	
		6.3 (6.7, 5.5)	
<b>liters</b> (US qts, Imp. qts)		<b>SAE 5W-30, 10W-30:</b> API grade SL "Energy-Conserving" API grade SM "Energy-Conserving" or ILSAC*10, multi grade engine oil  <b>SAE 15W-40, 20W-50:</b> API grade SL or SM multi grade engine oil	
<b>N·m</b> (kgf-cm, ft-lbf)	<b>A</b>	40 (408, 30)	
		9.1 (9.6, 8.0)	
<b>liters</b> (US qts, Imp. qts)			

\*1: For driving at over 210 km/h (131 mph). \*2: For driving at 160 km/h (100 mph) to 210 km/h (131 mph). \*3: For driving under 160 km/h (100 mph).

\*4: For driving at over 140 km/h (87 mph). \*5: For driving under 140 km/h (87 mph). \*6: For driving at over 160 km/h (100 mph). \*7: For Europe only

\*8: Initialization required. Refer to the repair manual for the initialization procedures. \*9: Parking Assist Monitor System.

\*10: ILSAC: International Lubricant Standardization and Approval Committee