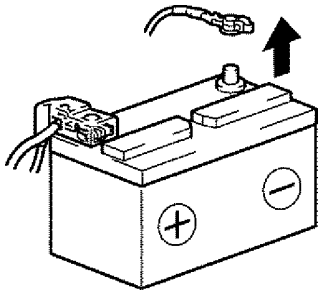
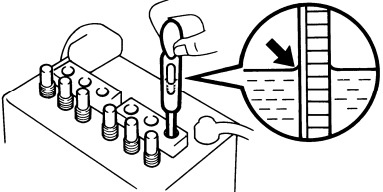
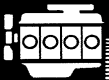
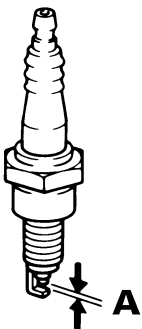
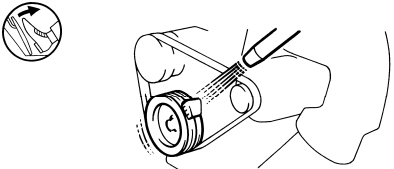
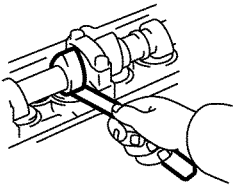
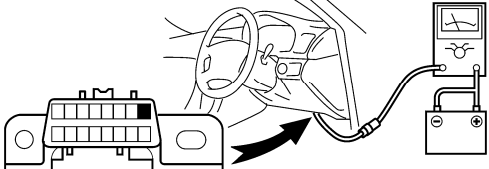
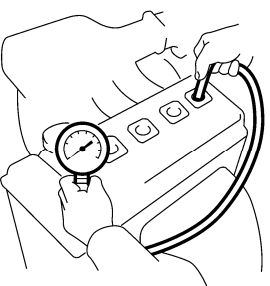
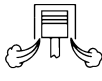
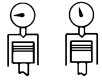
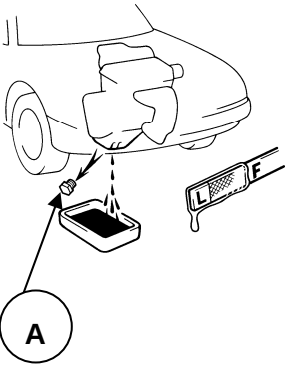
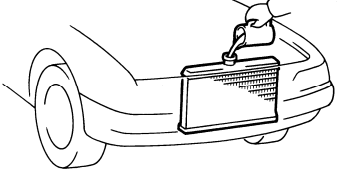


	A	151.8 to 161.8 (5.98 to 6.37)		147.0 to 157.0 (5.79 to 6.18)	
	B	1.0 to 2.0 (0.0394 to 0.0787)			
	C*1	↑ 110 (4.33)			
mm (in.)		SAE J1703 or FMVSS No. 116 DOT3			
300 N (31 kgf, 67.5 lbf) 		7 to 9			
		A	↑ 1.0 (0.0394)		
		B	↑ 28.0 (1.10)	↑ 26.0 (1.02)	
mm (in.)					
		↑ 1.0 (0.0394)			
mm (in.)		↓ 191 (7.52)			
		A	↓ 30 (1.18)		
		B	*2		
mm (in.)					
		USE			
		Drain and refill 3.7 (3.91, 3.26)			
		Toyota Genuine ATF WS			
liters (US qts, Imp.qts)	A	20 (204, 15)			
N·m (kgf-cm, ft-lbf)	A	1.3 to 1.4 (1.4 to 1.5, 1.1 to 1.2)			
		Toyota Genuine Differential gear oil LT 75W-85 GL-5 or equivalent			
		A	49 (500, 36)		
liters (US qts, Imp.qts)	A				
N·m (kgf-cm, ft-lbf)	A				

		USE	
		103 (1050, 76) N·m (kgf-cm, ft-lbf)	
		USE	
		30 (1.18) mm (in.)	
	A	-0°52' +/- 45' (-0.87° +/- 0.75°)	-0°47' +/- 45' (-0.78° +/- 0.75°)
	B	11°11' +/- 45' (11.18° +/- 0.75°)	-
	C	8°42' +/- 45' (8.70° +/- 0.75°)	-
	D	41°48' +/- 2° (41.8° +/- 2°)	-
	E+F	0°01' +/- 10' (0.02° +/- 0.17°)	0°16' +/- 10' (0.26° +/- 0.17°)
	G-H mm (in.)	0.18 +/- 2 (0.00709 +/- 0.0787)	3 +/- 2 (0.118 +/- 0.0787)
		225/40 R19 93Y	255/35 R19 96Y
		320 (3.2, 46)*3 300 (3.0, 44)*4 250 (2.5, 36)*5	320 (3.2, 46)*3 300 (3.0, 44)*4 250 (2.5, 36)*5
kPa (kgf/cm ² or bar, psi)			

*1: When brake pedal is depressed with force of 490 N (50 kgf, 110.1 lbf) while engine is running.
 *2: If any crack reaches the outer or inner edge of the rotor, replace it.
 *3: For driving at over 250 km/h (155 mph). *4: For driving at 210 km/h (131 mph) to 250 km/h (155 mph). *5: For driving at under 210 km/h (131 mph).

		USE
	*1	*2
		*3
		1.25 to 1.29
20°C (68 °F)		
		2UR-GSE
cm ³ or cc (cu.in.)		4969 (303.2)
	DENSO	FK20HBR11
	A mm (in.)	1.0 to 1.1 (0.0394 to 0.0433)
		8 to 12° (DLC3 Terminals 13 (TC) – 4 (CG) Connected)
		0.12 to 0.18 (0.00472 to 0.00709)
		0.22 to 0.28 (0.00866 to 0.0110)
		700 to 800 (DLC3 Terminal 9 (TAC) Connected)
rpm		

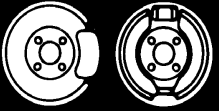
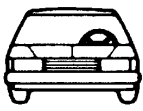
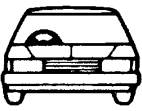
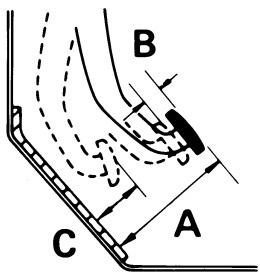
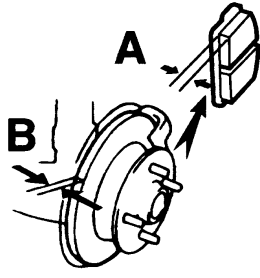
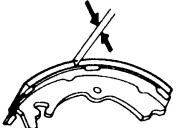
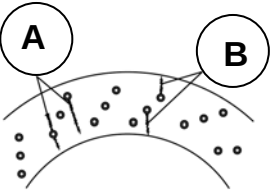
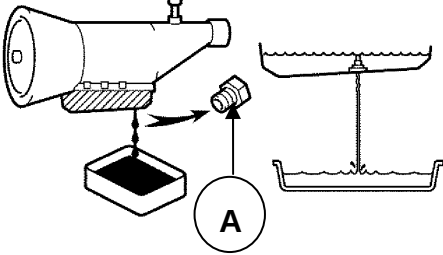
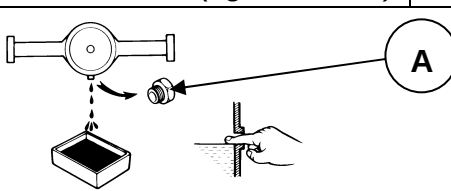
		1400 (14.0, 203)
		↑1000 (10.2, 145)
		↓100 (1.0, 14.5)
kPa (kgf/cm ² , psi)		↑70 (0.713, 10.2)
	2500 rpm 	↑220 (2.24, 31.9)
		2UR-GSE
		8.2 (8.7, 7.2)
		9.3 (9.8, 8.2)
liters (US qts, Imp.qts)		5W-30 and 10W-30: API grade SM multigrade engine oil (5W-30 is best choice for fuel economy and good starting in cold weather.)
N·m (kgf-cm, ft-lbf)	A	40 (408, 30)
		11.9 (12.6, 10.5)
liters (US qts, Imp.qts)		

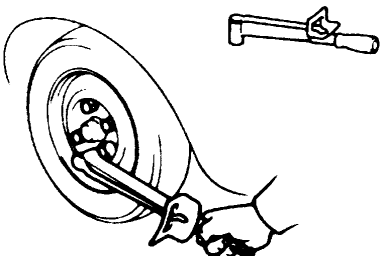
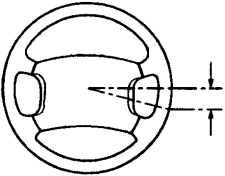
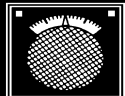
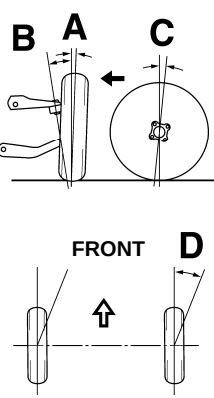
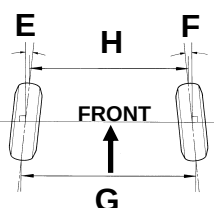
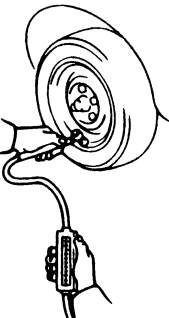
*1: Initialization required. Refer to the repair manual for the initialization procedures.

*2: Power Window Control System

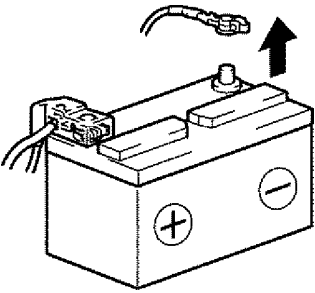
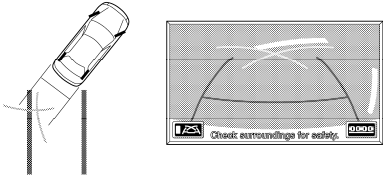
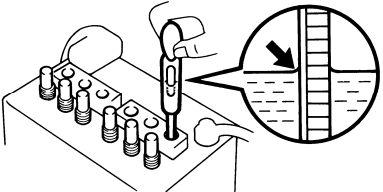
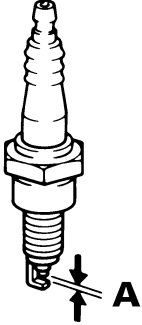
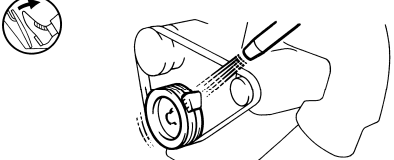
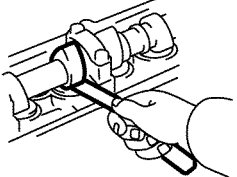
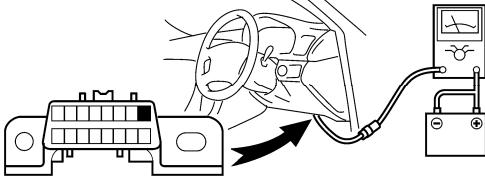
*3: Parking Assist Monitor System

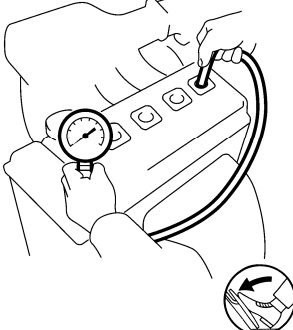
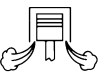
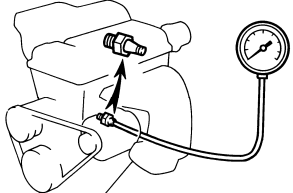
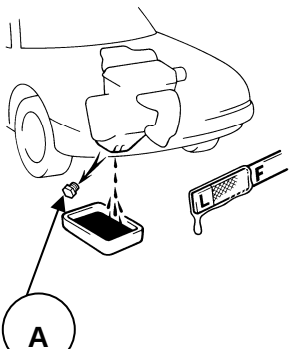
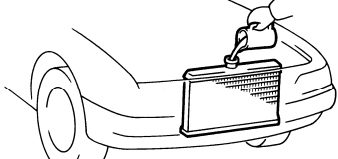
TOYOTA MOTOR CORPORATION Technical Service Division

			
	A	151.8 to 161.8 (5.98 to 6.37)	147.0 to 157.0 (5.79 to 6.18)
	B	1.0 to 2.0 (0.0394 to 0.0787)	
	C*1	110 (4.33)	
mm (in.)		SAE J1703 or FMVSS No. 116 DOT3	
300 N (31 kgf, 67.5 lbf) 		7 to 9	
	A	1.0 (0.0394)	
	B	28.0 (1.10)	26.0 (1.02)
mm (in.)			
		1.0 (0.0394)	
mm (in.)		191 (7.52)	
	A	30 (1.18)	
	B	*2	
mm (in.)			
		USE	
		Drain and refill 3.7 (3.91, 3.26)	
liters (US qts, Imp.qts)		Toyota Genuine ATF WS	
N·m (kgf-cm, ft-lbf)	A	20 (204, 15)	
	1.3 to 1.4 (1.4 to 1.5, 1.1 to 1.2)		
	liters (US qts, Imp.qts)		
N·m (kgf-cm, ft-lbf)		Toyota Genuine Differential gear oil LT 75W-85 GL-5 or equivalent	
N·m (kgf-cm, ft-lbf)		49 (500, 36)	

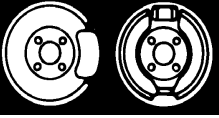
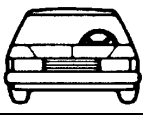
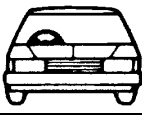
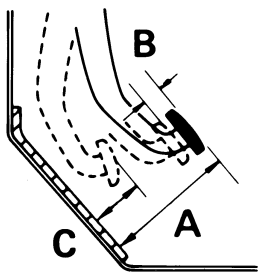
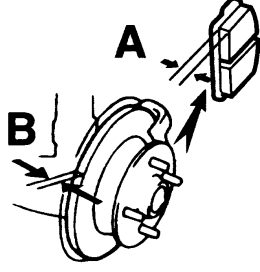
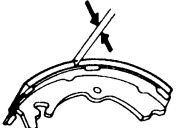
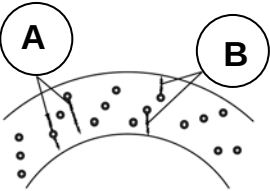
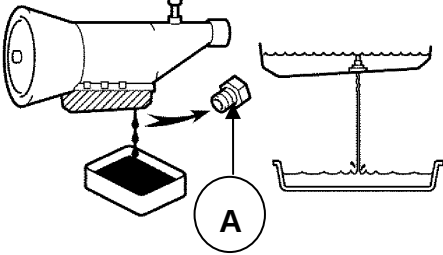
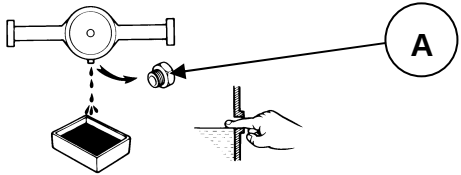
		USE	
		103 (1050, 76)	
N·m (kgf-cm, ft-lbf)			
		USE	
		30 (1.18)	
mm (in.)			
			
	A	-0°52' +/- 45' (-0.87° +/- 0.75°)	-0°47' +/- 45' (-0.78° +/- 0.75°)
	B	11°11' +/- 45' (11.18° +/- 0.75°)	-
	C	8°42' +/- 45' (8.70° +/- 0.75°)	-
	D	41°48' +/- 2° (41.8° +/- 2°)	-
	E+F	0°01' +/- 10' (0.02° +/- 0.17°)	0°16' +/- 10' (0.26° +/- 0.17°)
	G-H	0.18 +/- 2 (0.00709 +/- 0.0787)	3 +/- 2 (0.118 +/- 0.0787)
mm (in.)			
			
		225/40 R19 93Y	255/35 R19 96Y
		320 (3.2, 46)*3 300 (3.0, 44)*4 250 (2.5, 36)*5	320 (3.2, 46)*3 300 (3.0, 44)*4 250 (2.5, 36)*5
kPa (kgf/cm ² or bar, psi)			

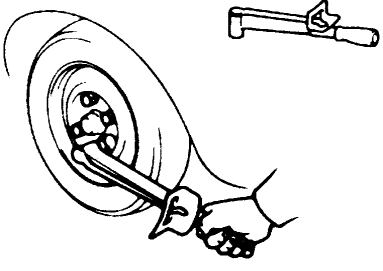
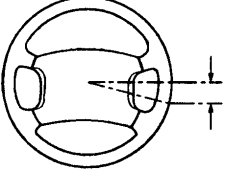
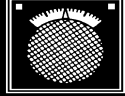
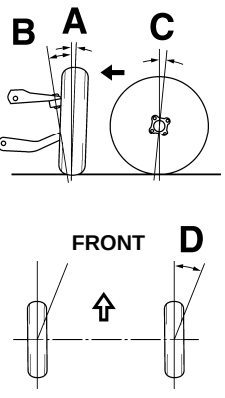
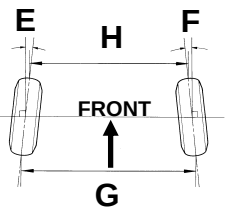
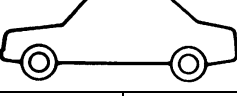
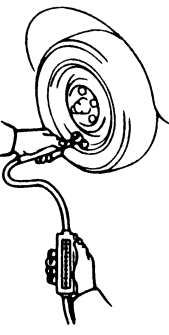
*1: When brake pedal is depressed with force of 490 N (50 kgf, 110.1 lbf) while engine is running.
 *2: If any crack reaches the outer or inner edge of the rotor, replace it.
 *3: For driving at over 250 km/h (155 mph). *4: For driving at 210 km/h (131 mph) to 250 km/h (155 mph). *5: For driving at under 210 km/h (131 mph).

		USE	
*1		*2	
			
 20°C (68 °F)		1.25 to 1.29	
		2UR-GSE	
cm ³ or cc (cu.in.)		4969 (303.2)	
	DENSO	FK20HBR11	
	A mm (in.)	1.0 to 1.1 (0.0394 to 0.0433)	
 BTDC		8 to 12° (DLC3 Terminals 13 (TC) – 4 (CG) Connected)	
 mm (in.)		0.12 to 0.18 (0.00472 to 0.00709)	
		0.22 to 0.28 (0.00866 to 0.0110)	
 rpm		 700 to 800 (DLC3 Terminal 9 (TAC) Connected)	

 kPa (kgf/cm ² , psi)		1400 (14.0, 203)	
		↑1000 (10.2, 145)	
		↓100 (1.0, 14.5)	
 kPa (kgf/cm ² , psi)		↑70 (0.713, 10.2)	
	2500 rpm 		↑220 (2.24, 31.9)
		2UR-GSE	
 liters (US qts, Imp.qts)		8.2 (8.7, 7.2)	
		9.3 (9.8, 8.2)	
	5W-30 and 10W-30: API grade SM multigrade engine oil (5W-30 is best choice for fuel economy and good starting in cold weather.)		
N·m (kgf-cm, ft-lbf)	A	40 (408, 30)	
 liters (US qts, Imp.qts)		11.9 (12.6, 10.5)	

*1: Initialization required. Refer to the repair manual for the initialization procedures. *2: Parking Assist Monitor System

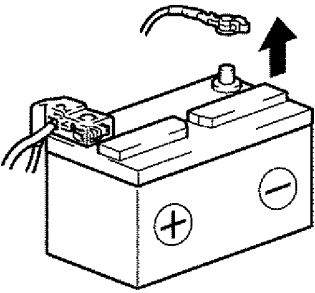
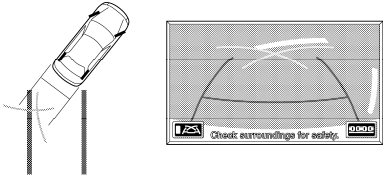
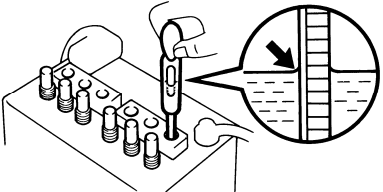
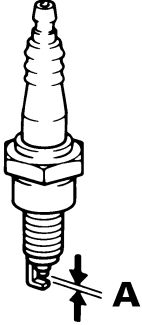
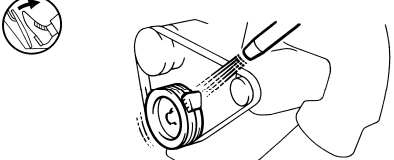
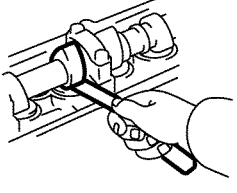
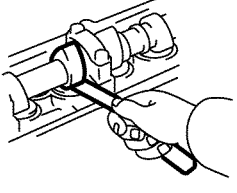
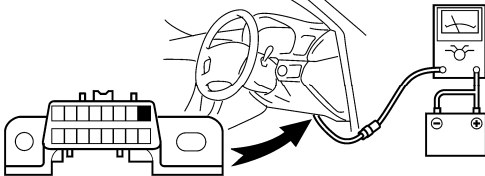
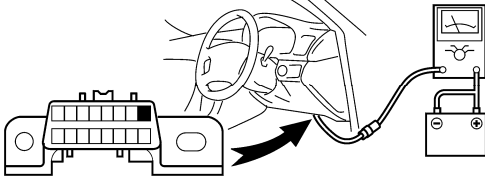
			
	A	151.8 to 161.8 (5.98 to 6.37)	147.0 to 157.0 (5.79 to 6.18)
	B	1.0 to 2.0 (0.0394 to 0.0787)	
	C*1	110 (4.33)	
mm (in.)		SAE J1703 or FMVSS No. 116 DOT3	
300 N (31 kgf, 67.5 lbf) 		7 to 9	
	A	1.0 (0.0394)	
	B	28.0 (1.10)	26.0 (1.02)
mm (in.)			
		1.0 (0.0394)	
mm (in.)		191 (7.52)	
	A	30 (1.18)	
	B	*2	
mm (in.)			
		USE	
		Drain and refill 3.7 (3.91, 3.26)	
liters (US qts, Imp.qts)		Toyota Genuine ATF WS	
N·m (kgf-cm, ft-lbf)	A	20 (204, 15)	
	1.3 to 1.4 (1.4 to 1.5, 1.1 to 1.2)		
	liters (US qts, Imp.qts)		Toyota Genuine Differential gear oil LX 75W-85 GL-5 or equivalent
N·m (kgf-cm, ft-lbf)	A	49 (500, 36)	

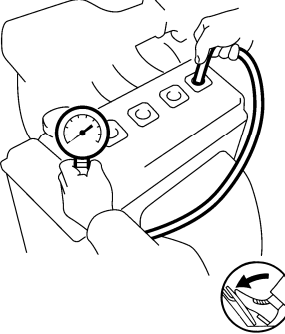
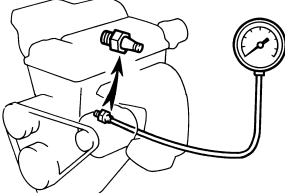
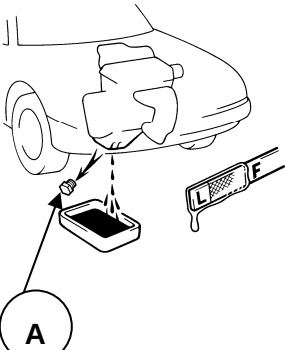
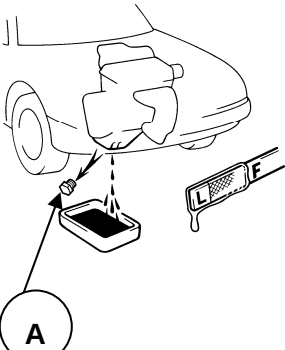
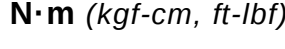
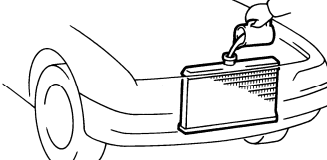
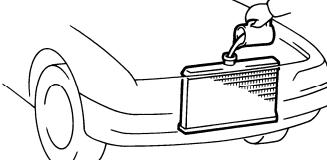
		USE	
		103 (1050, 76)	
N·m (kgf-cm, ft-lbf)			
		USE	
		30 (1.18)	
mm (in.)			
			
	A	-0°52' +/- 45' (-0.87° +/- 0.75°)	-0°47' +/- 45' (-0.78° +/- 0.75°)
	B	11°11' +/- 45' (11.18° +/- 0.75°)	-
	C	8°42' +/- 45' (8.70° +/- 0.75°)	-
	D	41°48' +/- 2° (41.8° +/- 2°)	-
	E+F	0°01' +/- 10' (0.02° +/- 0.17°)	0°16' +/- 10' (0.26° +/- 0.17°)
	G-H	0.18 +/- 2 (0.00709 +/- 0.0787)	3 +/- 2 (0.118 +/- 0.0787)
mm (in.)			
			
		225/40 R19 93Y	255/35 R19 96Y
		320 (3.2, 46)*3	320(3.2, 46)*3
		300 (3.0, 44)*4	300(3.0, 44)*4
		250 (2.5, 36)*5	250(2.5, 36)*5
kPa (kgf/cm ² or bar, psi)			

*1: When brake pedal is depressed with force of 490 N (50 kgf, 110.1 lbf) while engine is running.

*2: If any crack reaches the outer or inner edge of the rotor, replace it.

*3: For driving at over 250 km/h (155 mph). *4: For driving at 210 km/h (131 mph) to 250 km/h (155 mph). *5: For driving at under 210 km/h (131 mph).

		USE	
			
		1.25 to 1.29	
20°C (68 °F)			
		2UR-GSE	
cm³ or cc (cu.in.)		4969 (303.2)	
	DENSO	FK20HBR11	
	A mm (in.)	1.0 to 1.1 (0.0394 to 0.0433)	
		8 to 12° (DLC3 Terminals 13 (TC) – 4 (CG) Connected)	
			0.12 to 0.18 (0.00472 to 0.00709)
			0.22 to 0.28 (0.00866 to 0.0110)
		700 to 800 (DLC3 Terminal 9 (TAC) Connected)	
		rpm	

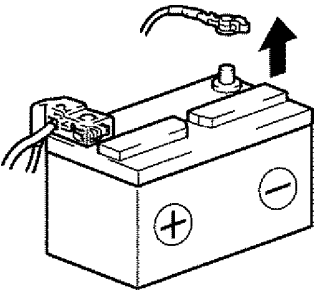
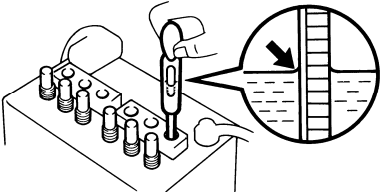
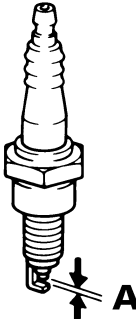
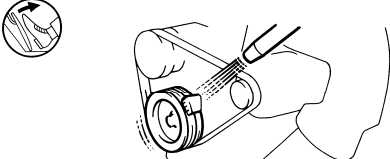
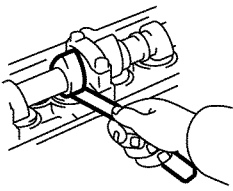
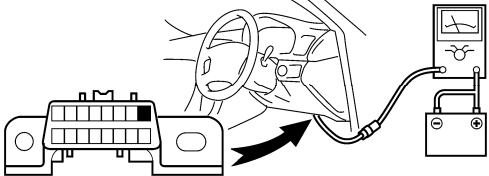
		1400 (14.0, 203)	
		↑1000 (10.2, 145)	
		↓100 (1.0, 14.5)	
		↑70 (0.713, 10.2)	
		↑220 (2.24, 31.9)	
		2UR-GSE	
		8.2 (8.7, 7.2)	
		9.3 (9.8, 8.2)	
		5W-30 and 10W-30: API grade SM multigrade engine oil (5W-30 is best choice for fuel economy and good starting in cold weather.)	
		40 (408, 30)	
		11.9 (12.6, 10.5)	
		liters (US qts, Imp.qts)	

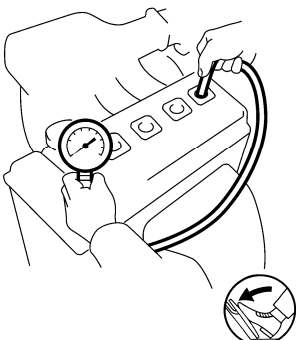
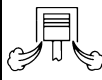
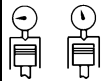
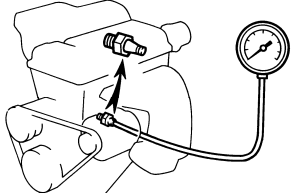
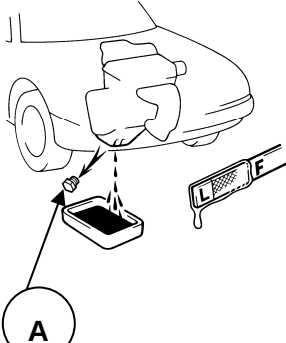
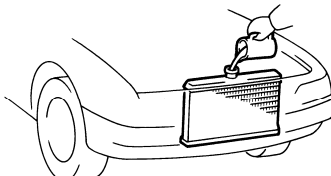
*1: Initialization required. Refer to the repair manual for the initialization procedures. *2: Parking Assist Monitor System

	A	151.8 to 161.8 (5.98 to 6.37)		147.0 to 157.0 (5.79 to 6.18)	
	B	1.0 to 2.0 (0.0394 to 0.0787)			
	C*1	↑ 110 (4.33)			
mm (in.)		SAE J1703 or FMVSS No. 116 DOT3			
300 N (31 kgf, 67.5 lbf) 		7 to 9			
	mm (in.)				
		A	↑ 1.0 (0.0394)		
		B	↑ 28.0 (1.10)	↑ 26.0 (1.02)	
		↑ 1.0 (0.0394)			
		↓ 191 (7.52)			
	mm (in.)	A	↓ 30 (1.18)		
		B	*2		
		USE			
		Drain and refill 3.7 (3.91, 3.26)			
		Toyota Genuine ATF WS			
liters (US qts, Imp.qts)	A	20 (204, 15)			
	liters (US qts, Imp.qts)	1.3 to 1.4 (1.4 to 1.5, 1.1 to 1.2)			
		Toyota Genuine Differential gear oil LX 75W-85 GL-5 or equivalent			
N·m (kgf-cm, ft-lbf)	A	49 (500, 36)			

		USE	
		103 (1050, 76) N·m (kgf-cm, ft-lbf)	
		USE	
		↓ 30 (1.18) mm (in.)	
	A	-0°52' +/- 45' (-0.87° +/- 0.75°)	-1°30' +/- 45' (-1.50° +/- 0.75°)
	B	11°11' +/- 45' (11.18° +/- 0.75°)	-
	C	8°42' +/- 45' (8.70° +/- 0.75°)	-
	D	41°48' +/- 2° (41.8° +/- 2°)	-
	E+F	0°01' +/- 10' (0.02° +/- 0.17°)	0°16' +/- 10' (0.26° +/- 0.17°)
	G-H mm (in.)	0.18 +/- 2 (0.00709 +/- 0.0787)	3 +/- 2 (0.118 +/- 0.0787)
		225/40 R19 93Y	255/35 R19 96Y
		320 (3.2, 46)*3 300 (3.0, 44)*4 250 (2.5, 36)*5	320(3.2, 46)*3 300(3.0, 44)*4 250(2.5, 36)*5
kPa (kgf/cm ² or bar, psi)			

*1: When brake pedal is depressed with force of 490 N (50 kgf, 110.1 lbf) while engine is running.
 *2: If any crack reaches the outer or inner edge of the rotor, replace it.
 *3: For driving at over 250 km/h (155 mph). *4: For driving at 210 km/h (131 mph) to 250 km/h (155 mph). *5: For driving at under 210 km/h (131 mph).

		USE	
		*1	*2
		1.25 to 1.29	
20°C (68 °F)			
		2UR-GSE	
cm ³ or cc (cu.in.)		4969 (303.2)	
	DENSO	FK20HBR11	
	A mm (in.)	1.0 to 1.1 (0.0394 to 0.0433)	
		8 to 12° (DLC3 Terminals 13 (TC) – 4 (CG) Connected)	
BTDC			
		0.12 to 0.18 (0.00472 to 0.00709)	
		0.22 to 0.28 (0.00866 to 0.0110)	
		700 to 800 (DLC3 Terminal 9 (TAC) Connected)	
rpm			

		1400 (14.0, 203)	
		↑1000 (10.2, 145)	
		↓100 (1.0, 14.5)	
kPa (kgf/cm ² , psi)			
		↑70 (0.713, 10.2)	
	2500 rpm 		↑220 (2.24, 31.9)
kPa (kgf/cm ² , psi)			
		2UR-GSE	
		8.2 (8.7, 7.2)	
		9.3 (9.8, 8.2)	
liters (US qts, Imp.qts)		5W-30 and 10W-30: API grade SM multigrade engine oil (5W-30 is best choice for fuel economy and good starting in cold weather.)	
N·m (kgf-cm, ft-lbf)	A	40 (408, 30)	
		11.9 (12.6, 10.5)	
liters (US qts, Imp.qts)			

*1: Initialization required. Refer to the repair manual for the initialization procedures. *2: Parking Assist Monitor System

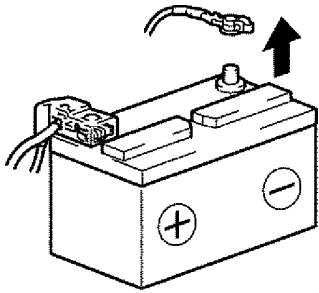
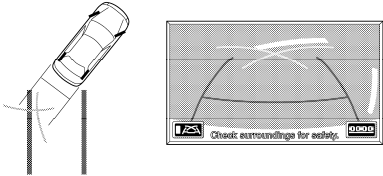
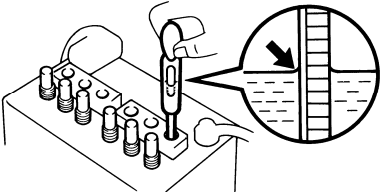
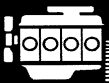
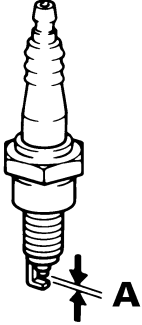
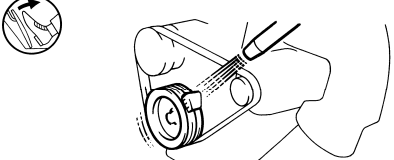
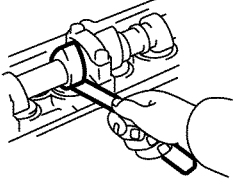
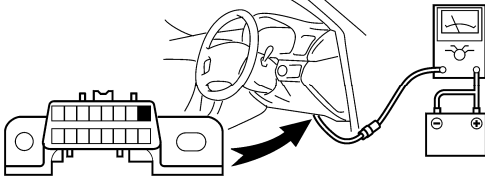
	A	151.8 to 161.8 (5.98 to 6.37)		147.0 to 157.0 (5.79 to 6.18)	
	B	1.0 to 2.0 (0.0394 to 0.0787)			
	C*1	⬆ 110 (4.33)			
mm (in.)		SAE J1703 or FMVSS No. 116 DOT3			
300 N (31 kgf, 67.5 lbf) 		7 to 9			
		A	⬆ 1.0 (0.0394)		
		B	⬆ 28.0 (1.10)	⬆ 26.0 (1.02)	
mm (in.)					
		⬆ 1.0 (0.0394)			
		⬇ 191 (7.52)			
		A	⬇ 30 (1.18)		
		B	*2		
		USE			
		Drain and refill 3.7 (3.91, 3.26)			
		Toyota Genuine ATF WS			
liters (US qts, Imp.qts)	A	20 (204, 15)			
N·m (kgf-cm, ft-lbf)	A	1.3 to 1.4 (1.4 to 1.5, 1.1 to 1.2)			
liters (US qts, Imp.qts)		Toyota Genuine Differential gear oil LX 75W-85 GL-5 or equivalent			
N·m (kgf-cm, ft-lbf)		A	49 (500, 36)		

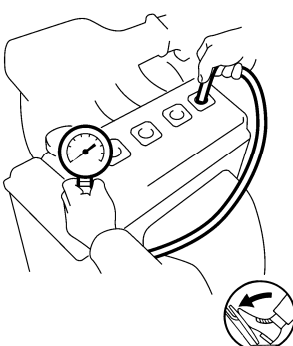
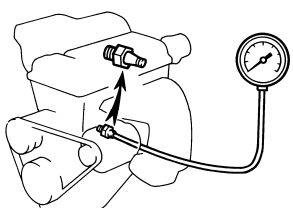
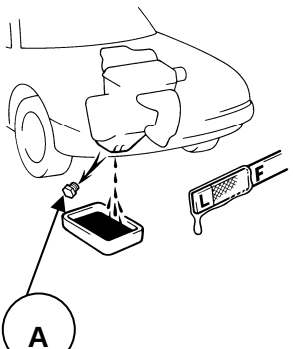
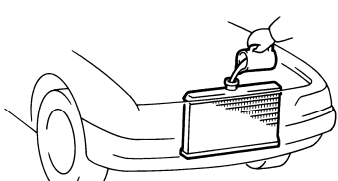
		USE	
		103 (1050, 76)	
		USE	
		30 (1.18)	
	A	-0°52' +/- 45' (-0.87° +/- 0.75°)	-1°30' +/- 45' (-1.50° +/- 0.75°)
	B	11°11' +/- 45' (11.18° +/- 0.75°)	-
	C	8°42' +/- 45' (8.70° +/- 0.75°)	-
	D	41°48' +/- 2° (41.8° +/- 2°)	-
	E+F	0°01' +/- 10' (0.02° +/- 0.17°)	0°16' +/- 10' (0.26° +/- 0.17°)
	G-H mm (in.)	0.18 +/- 2 (0.00709 +/- 0.0787)	3 +/- 2 (0.118 +/- 0.0787)
		225/40 R19 93Y	255/35 R19 96Y
		320 (3.2, 46)*3 300 (3.0, 44)*4 250 (2.5, 36)*5	320(3.2, 46)*3 300(3.0, 44)*4 250(2.5, 36)*5
kPa (kgf/cm ² or bar, psi)			

*1: When brake pedal is depressed with force of 490 N (50 kgf, 110.1 lbf) while engine is running.

*2: If any crack reaches the outer or inner edge of the rotor, replace it.

*3: For driving at over 250 km/h (155 mph). *4: For driving at 210 km/h (131 mph) to 250 km/h (155 mph). *5: For driving at under 210 km/h (131 mph).

		USE	
			
		1.25 to 1.29	
20°C (68 °F)			
		2UR-GSE	
cm ³ or cc (cu.in.)		4969 (303.2)	
	DENSO	FK20HBR11	
	A mm (in.)	1.0 to 1.1 (0.0394 to 0.0433)	
		8 to 12° (DLC3 Terminals 13 (TC) – 4 (CG) Connected)	
	BTDC	0.12 to 0.18 (0.00472 to 0.00709)	
		0.22 to 0.28 (0.00866 to 0.0110)	
		700 to 800 (DLC3 Terminal 9 (TAC) Connected)	
		rpm	

 kPa (kgf/cm ² , psi)		1400 (14.0, 203)
		 1000 (10.2, 145)
		 100 (1.0, 14.5)
 kPa (kgf/cm ² , psi)		 70 (0.713, 10.2)
	2500 rpm 	  220 (2.24, 31.9)
		2UR-GSE
 liters (US qts, Imp.qts)		8.2 (8.7, 7.2)
		9.3 (9.8, 8.2)
		5W-30 and 10W-30: API grade SL “Energy-Conserving”, SM “Energy-Conserving”, SN “Resource-Conserving” or ILSAC*3 multigrade engine oil 15W-40 and 20W-50: API grade SL, SM or SN multigrade engine oil
N·m (kgf-cm, ft-lbf)	A	40 (408, 30)
 liters (US qts, Imp.qts)		11.9 (12.6, 10.5)

*1: Initialization required. Refer to the repair manual for the initialization procedures. *2: Parking Assist Monitor System

*3: International Lubricant Standardization and Approval Committee