

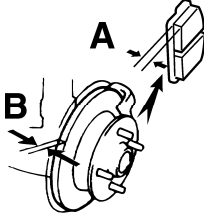
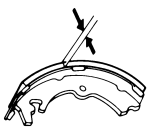


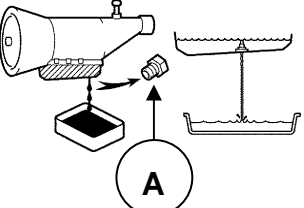
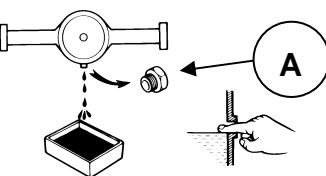
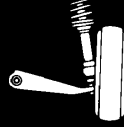
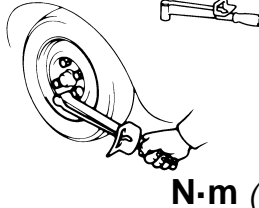

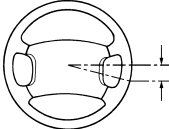
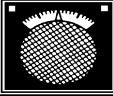

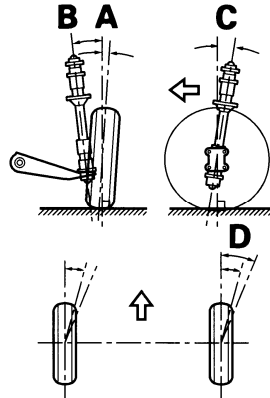
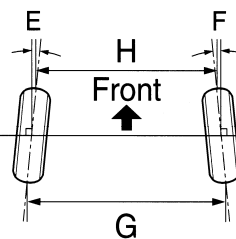


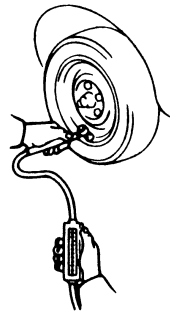





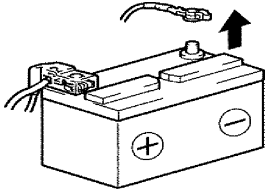
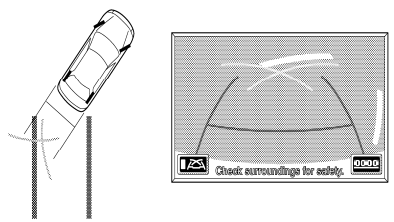
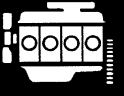
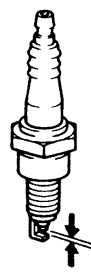
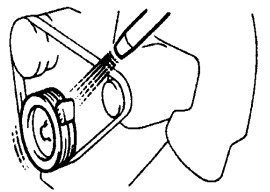
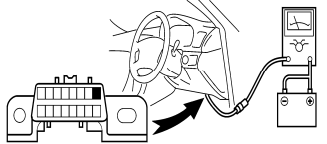
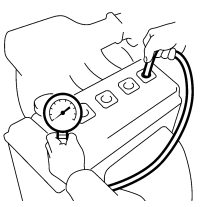
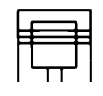

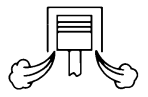
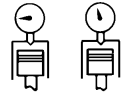
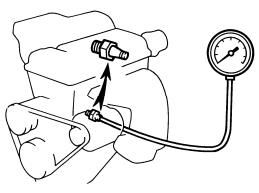

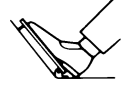

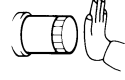
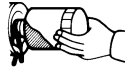
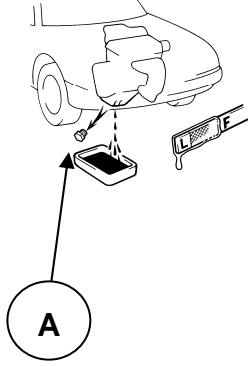
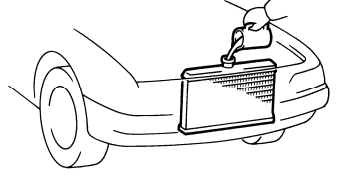
	A	158.4 to 168.4 (6.24 to 6.62)	
	B	1.0 to 6.0 (0.0394 to 0.236)	
	C*1	↑ 117 (4.61)	
mm (in.)		SAE J1703 or FMVSS No. 116 DOT 3	
		8 to 11	
300 N (31 kgf, 67.4 lbf)			
	A	↑ 1.0 (0.0394)	↑ 1.0 (0.0394)
	B	↑ 26.0 (1.024)*2 ↑ 25.0 (0.984)*3	↑ 8.5 (0.335)*4 ↑ 16.5 (0.650)*5
mm (in.)		↑ 1.0 (0.0394)	
	mm (in.)	↑ 1.0 (0.0394)	
	mm (in.)	↓ 191.0 (7.52)	
		AVE	
	liters (US qts, Imp. qts)	3.8 (4.0, 3.3)	
	N·m (kgf-cm, ft.-lbf)	20 (204, 15)	
	liters (US qts, Imp. qts)	1.30 to 1.40 (1.38 to 1.47, 1.15 to 1.23)	
	N·m (kgf-cm, ft.-lbf)	49 (500, 36)	
		Toyota Genuine ATF WS	
		Toyota genuine differential gear oil LT 75W-85 GL-5 or equivalent	

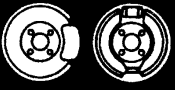
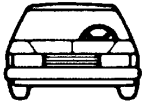

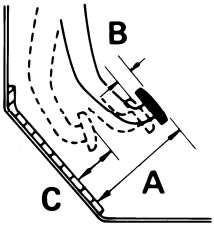



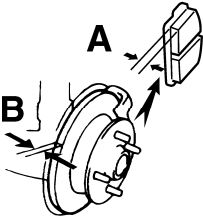







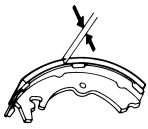


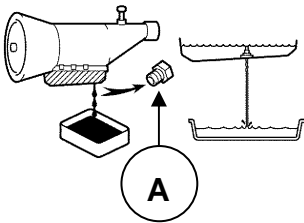
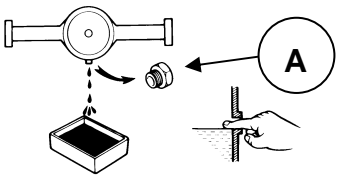
		AVE	
	N·m (kgf-cm, ft.-lbf)		103 (1050, 76)
		AVE	
	mm (in.)		↓ 30 (1.18)
			
	A	-0°11' +/- 45' <i>(-0.18° +/- 0.75°)*6*8</i> -0°13' +/- 45' <i>(-0.22° +/- 0.75°)*7*8</i> -0°17' +/- 45' <i>(-0.28° +/- 0.75°)*9*10</i>	-1°26' +/- 45' <i>(-1.43° +/- 0.75°)*8</i> -1°35' +/- 45' <i>(-1.58° +/- 0.75°)*9*10</i>
	B	10°07' (10.12°)*6*8 10°08' (10.13°)*7*8 10°12' (10.20°)*9*10	-
	C	8°15' +/- 45' <i>(8.25° +/- 0.75°)*6*8</i> 8°22' +/- 45' <i>(8.37° +/- 0.75°)*7*8</i> 8°18' +/- 45' <i>(8.30° +/- 0.75°)*9*10</i>	-
	D	41°29' +/- 2° <i>(41.48° +/- 2°)*8</i> 41°46' +/- 2° <i>(41.77° +/- 2°)*9*10</i>	-
	E+F	0°03' +/- 0°11' <i>(0.05° +/- 0.18°)</i>	0°11' +/- 11' <i>(0.18° +/- 0.18°)</i>
	G-H	0.5 +/- 2.0 <i>(0.0197 +/- 0.0787)</i>	2.0 +/- 2.0 <i>(0.0787 +/- 0.0787)</i>
			
	Australia		250 (2.5, 36)*11 270 (2.7, 39)*12
	Europe General		250 (2.5, 36) 270 (2.7, 39)*16*18
			250 (2.5, 36) 270 (2.7, 39)*16*18
	Russia		250 (2.5, 36)
		250 (2.5, 36)*11 270 (2.7, 39)*12	
kPa (kgf/cm², psi)			

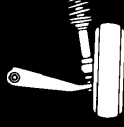
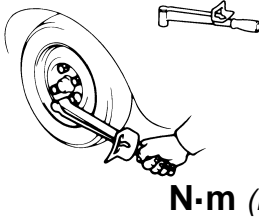

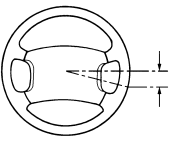

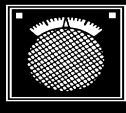

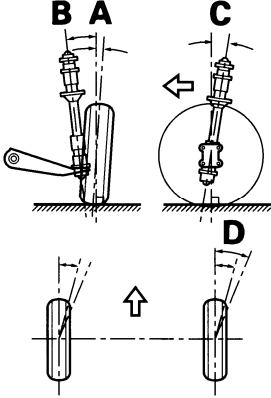
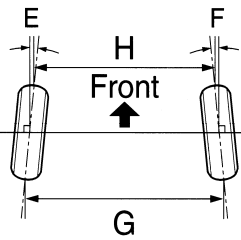


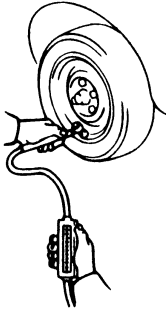
*1: When the brake pedal is depressed with force of 500 N (51 kgf, 112 lbf) with the power switch on (READY). *2: Type A *3: Type B *4: for Solid Disc *5: for Ventilated Disc *6: except AVE30R-AEXEHW and AVE30L-AEXEHW *7: for AVE30R-AEXEHW and AVE30L-AEXEHW *8: for 16 inch Tires *9: for 17 inch Tires *10: for 18 inch Tires *11: For driving under 160 km/h (100 mph) *12: For driving over 160 km/h (100 mph) *13: Tire Size: 225/45R17 91W *14: Tire Size: 225/40R18 88Y *15: Tire Size: 225/35R18 90Y *16: Tire Size: 205/55R16 91W *17: Tire Size: 225/45R17 91W *18: with ECO Tire Pressure Label: ECO Pressure (For driving under 160 km/h (100 mph))

		AVE	
	*1		*2
		Air Conditioning System	
		2AR-FSE	
cm ³ or cc (cu. in.)		2494 (152.2)	
	DENSO	FK20HBR8	
	A mm (in.)	0.7 to 0.8 (0.0276 to 0.0315)	
	BTDC	8 to 12° (DLC3 Terminals 13 (TC) - 4 (CG) Connected)	
	rpm	950 to 1050 (DLC3 Terminals 9 (TAC) Connected)	
		1100 (11.2, 160)	
		900 (9.2, 131)	
kPa (kgf/cm², psi)		↓ 100 (1.0, 15)	


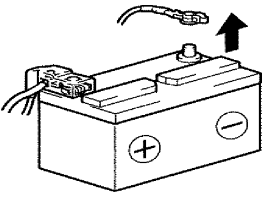
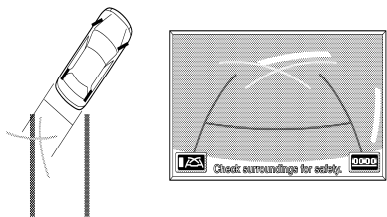

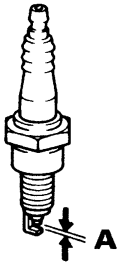
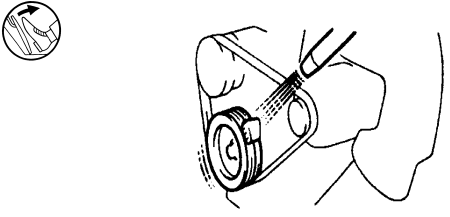
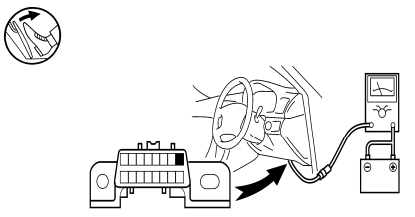
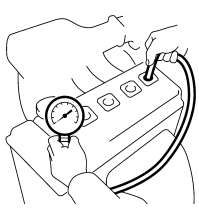



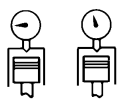
		↑ 145 (1.5, 21)*3	
kPa (kgf/cm², psi)		↑ 340 (3.5, 49)*3	
	2500 rpm		
		2AR-FSE	
		4.1 (4.3, 3.6)	
		4.5 (4.8, 4.0)	
	A	<p>0W-20, 5W-20, 5W-30 and 10W-30: API grade SL "energy-conserving", SM "energy-conserving", SN "resource-conserving" or ILSAC*4 multigrade engine oil</p> <p>15W-40 and 20W-50: API grade SL, SM or SN multigrade engine oil</p>	
liters (US qts, Imp.qts)			
N·m (kgf·cm, ft.-lbf)	A	40 (408, 30)	
		<p>8.2 (8.7, 7.2)*5 2.0 (2.1, 1.8)*6*7 2.2 (2.3, 1.9)*6*8</p>	
liters (US qts, Imp.qts)			

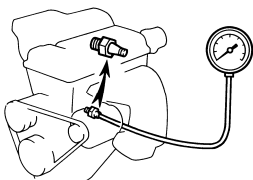

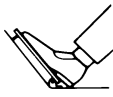

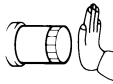
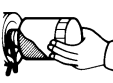
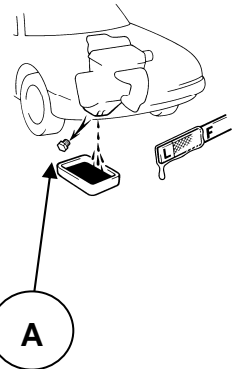
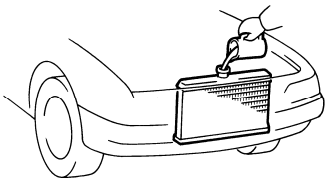
*1: Initialization required. Refer to the repair manual for the initialization procedures. *2: Parking Assist Monitor System *3: Shift lever in P in inspection mode.
*4: ILSAC: International Lubricant Standardization and Approval Committee. *5: for Engine *6: for Inverter *7: for LHD *8: for RHD

			
	A	158.4 to 168.4 (6.24 to 6.62)	
	B	1.0 to 6.0 (0.0394 to 0.236)	
	C*1	 117 (4.61)	
mm (in.)		SAE J1703 or FMVSS No. 116 DOT 3	
		8 to 11	
300 N (31 kgf, 67.4 lbf)			
	A	 1.0 (0.0394)	 1.0 (0.0394)
	B	 26.0 (1.024)*2	 8.5 (0.335)*4
		 25.0 (0.984)*3	 16.5 (0.650)*5
mm (in.)		 1.0 (0.0394)	
	mm (in.)	 191.0 (7.52)	
		AVE	
	liters (US qts, Imp. qts)	3.8 (4.0, 3.3)	
		Toyota Genuine ATF WS	
N·m (kgf·cm, ft.-lbf)	A	20 (204, 15)	
		1.30 to 1.40 (1.38 to 1.47, 1.15 to 1.23)	
	liters (US qts, Imp. qts)	Toyota genuine differential gear oil LT 75W-85 GL-5 or equivalent	
N·m (kgf·cm, ft.-lbf)	A	49 (500, 36)	




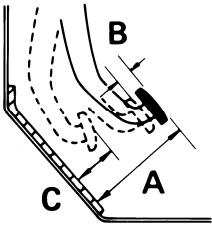


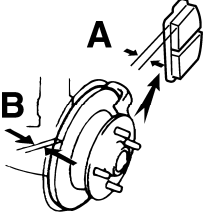
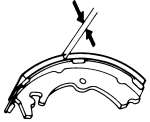


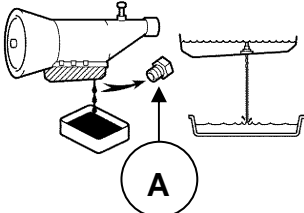
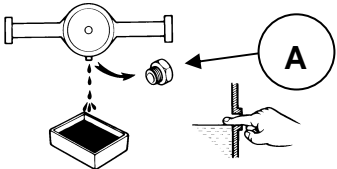
		AVE	
		103 (1050, 76)	
	N·m (kgf·cm, ft.-lbf)		
		AVE	
		 30 (1.18)	
	mm (in.)		
			
	A	-0°11' +/- 45' (-0.18° +/- 0.75°)*6*8 -0°13' +/- 45' (-0.22° +/- 0.75°)*7*8 -0°17' +/- 45' (-0.28° +/- 0.75°)*9*10	-1°26' +/- 45' (-1.43° +/- 0.75°)*8 -1°35' +/- 45' (-1.58° +/- 0.75°)*9*10
	B	10°07' (10.12°)*6*8 10°08' (10.13°)*7*8 10°12' (10.20°)*9*10	-
	C	8°15' +/- 45' (8.25° +/- 0.75°)*6*8 8°22' +/- 45' (8.37° +/- 0.75°)*7*8 8°18' +/- 45' (8.30° +/- 0.75°)*9*10	-
	D	41°29' +/- 2° (41.48° +/- 2°)*8 41°46' +/- 2° (41.77° +/- 2°)*9*10	-
	E+F	0°03' +/- 0°11' (0.05° +/- 0.18°)	0°11' +/- 11' (0.18° +/- 0.18°)
	G-H	0.5 +/- 2.0 (0.0197 +/- 0.0787)	2.0 +/- 2.0 (0.0787 +/- 0.0787)
			
		205/55R16 91W	260 (2.6, 38)*11 250 (2.5, 36)*12 270 (2.7, 39)*13
		225/45R17 91W 225/45RF17 91W	290 (2.9, 42)*11 250 (2.5, 36)*12
		225/40R18 88Y	250 (2.5, 36)
	kPa (kgf/cm², psi)	255/35R18 90Y	-

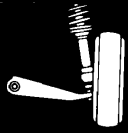
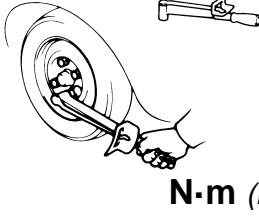

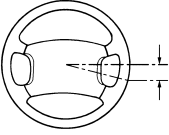
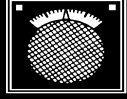

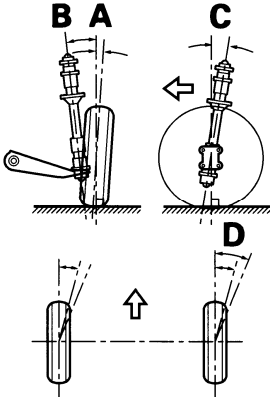
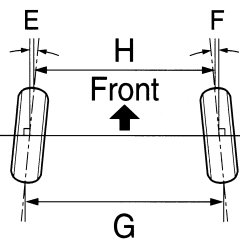


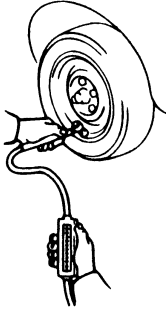
*1: When the brake pedal is depressed with force of 500 N (51 kgf, 112 lbf) with the power switch on (READY). *2: Type A *3: Type B *4: for Solid Disc *5: for Ventilated Disc *6: except AVE30R-AEXEHW and AVE30L-AEXEHW *7: for AVE30R-AEXEHW and AVE30L-AEXEHW *8: for 16 inch Tires *9: for 17 inch Tires *10: for 18 inch Tires *11: For driving over 190 km/h (118 mph) *12: For driving under 190 km/h (118 mph) *13: with ECO Tire Pressure Label: ECO Pressure

		AVE	
	*1		*2
		Air Conditioning System	
		2AR-FSE	
cm³ or cc (cu. in.)		2494 (152.2)	
	DENSO	FK20HBR8	
	A mm (in.)	0.7 to 0.8 (0.0276 to 0.0315)	
	BTDC	8 to 12° (DLC3 Terminals 13 (TC) - 4 (CG) Connected)	
	rpm	950 to 1050 (DLC3 Terminals 9 (TAC) Connected)	
		1100 (11.2, 160)	
		900 (9.2, 131)	
kPa (kgf/cm², psi)		↓ 100 (1.0, 15)	


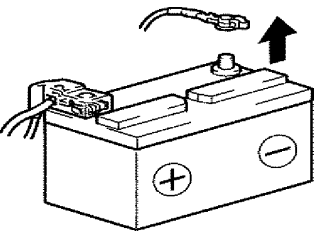
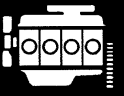


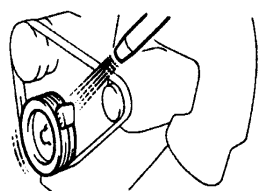

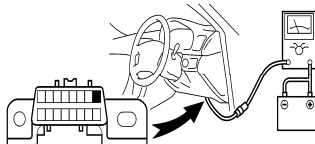
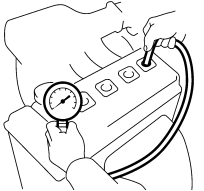


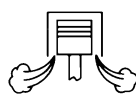
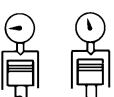
		↑ 145 (1.5, 21)*3	
kPa (kgf/cm², psi)		↑ 340 (3.5, 49)*3	
	2500 rpm		
		2AR-FSE	
		4.1 (4.3, 3.6)	
		4.5 (4.8, 4.0)	
	A	<p>0W-20, 5W-20, 5W-30 and 10W-30: API grade SL "energy-conserving", SM "energy-conserving", SN "resource-conserving" or ILSAC*4 multigrade engine oil</p> <p>15W-40 and 20W-50: API grade SL, SM or SN multigrade engine oil</p>	
liters (US qts, Imp.qts)			
N·m (kgf-cm, ft.-lbf)	A	40 (408, 30)	
		<p>8.2 (8.7, 7.2)*5 2.0 (2.1, 1.8)*6*7 2.2 (2.3, 1.9)*6*8</p>	
liters (US qts, Imp.qts)			

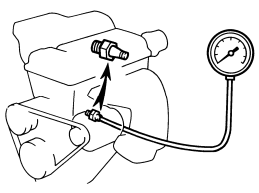

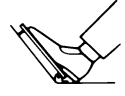

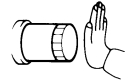
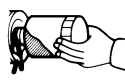
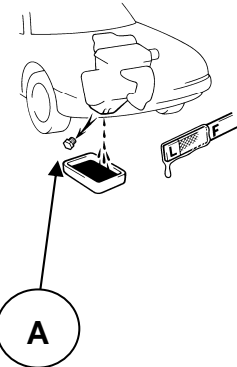
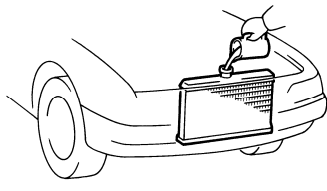
*1: Initialization required. Refer to the repair manual for the initialization procedures. *2: Parking Assist Monitor System *3: Shift lever in P in inspection mode.
*4: ILSAC: International Lubricant Standardization and Approval Committee. *5: for Engine *6: for Inverter *7: for LHD *8: for RHD

			
	A	158.4 to 168.4 (6.24 to 6.62)	
	B	1.0 to 6.0 (0.0394 to 0.236)	
	C*1	117 (4.61)	
mm (in.)		SAE J1703 or FMVSS No. 116 DOT 3	
		8 to 11	
300 N (31 kgf, 67.4 lbf)			
	A	1.0 (0.0394)	1.0 (0.0394)
mm (in.)	B	26.0 (1.024)*2	8.5 (0.335)*4
		25.0 (0.984)*3	16.5 (0.650)*5
	mm (in.)	1.0 (0.0394)	
	mm (in.)	191.0 (7.52)	
		AVE	
	A	3.8 (4.0, 3.3)	
liters (US qts, Imp. qts)		Toyota Genuine ATF WS	
N·m (kgf-cm, ft.-lbf)	A	20 (204, 15)	
		1.30 to 1.40 (1.38 to 1.47, 1.15 to 1.23)	
liters (US qts, Imp. qts)		Toyota genuine differential gear oil LT 75W-85 GL-5 or equivalent	
N·m (kgf-cm, ft.-lbf)	A	49 (500, 36)	

		AVE	
	N·m (kgf-cm, ft.-lbf)	103 (1050, 76)	
		AVE	
	mm (in.)	30 (1.18)	
			
	A	-0°07' +/- 45' (-0.12° +/- 0.75°)*6*8 -0°13' +/- 45' (-0.22° +/- 0.75°)*7*8 -0°13' +/- 45' (-0.22° +/- 0.75°)*9*10	-1°26' +/- 45' (-1.43° +/- 0.75°)*8 -1°35' +/- 45' (-1.58° +/- 0.75°)*9*10
	B	10°19' (10.32°)*6*8 10°25' (10.42°)*7*8 10°25' (10.42°)*9*10	-
	C	8°08' +/- 45' (8.13° +/- 0.75°)*8 8°14' +/- 45' (8.23° +/- 0.75°)*9 8°15' +/- 45' (8.25° +/- 0.75°)*10	-
	D	41°49' +/- 2° (41.82° +/- 2°)*8 41°46' +/- 2° (41.77° +/- 2°)*9*10	-
	E+F	0°00' +/- 0°11' (0.00° +/- 0.18°)	0°11' +/- 11' (0.18° +/- 0.18°)
	G-H mm (in.)	0 +/- 2.0 (0 +/- 0.0787)	2.0 +/- 2.0 (0.0787 +/- 0.0787)
			
	kPa (kgf/cm ² , psi)	205/55R16 91W	260 (2.6, 38)*11 250 (2.5, 36)*12 270 (2.7, 39)*13
		225/45R17 91W 225/45RF17 91W	290 (2.9, 42)*11 250 (2.5, 36)*12
		225/40R18 88Y	250 (2.5, 36)
		255/35R18 90Y	- 250 (2.5, 36)

*1: When the brake pedal is depressed with force of 500 N (51 kgf, 112 lbf) with the power switch on (READY). *2: Type A *3: Type B *4: for Solid Disc *5: for Ventilated Disc *6: except AVE30R-AEXEHW and AVE30L-AEXEHW *7: for AVE30R-AEXEHW and AVE30L-AEXEHW *8: for 16 inch Tires *9: for 17 inch Tires *10: for 18 inch Tires *11: For driving over 190 km/h (118 mph) *12: For driving under 190 km/h (118 mph) *13: with ECO Tire Pressure Label: ECO Pressure

		AVE	
	*1	<ul style="list-style-type: none"> ● Lane Departure Alert System (w/ Steering Control) ● Parking Assist Monitor System (w/ Parallel Parking Assist Function) ● Parking Assist Monitor System (w/o Parallel Parking Assist Function) ● Pre-collision System ● Air Conditioning System 	
		2AR-FSE	
cm ³ or cc (cu. in.)		2494 (152.2)	
	DENSO	FK20HBR8	
	A mm (in.)	0.7 to 0.8 (0.0276 to 0.0315)	
		8 to 12° (DLC3 Terminals 13 (TC) - 4 (CG) Connected)	
	BTDC		
		950 to 1050 (DLC3 Terminals 9 (TAC) Connected)	
	rpm		
		1100 (11.2, 160)	
		900 (9.2, 131)	
kPa (kgf/cm ² , psi)		100 (1.0, 15)	

		145 (1.5, 21)*2	
kPa (kgf/cm ² , psi)		340 (3.5, 49)*2	
	2500 rpm		
		2AR-FSE	
		4.1 (4.3, 3.6)	
		4.5 (4.8, 4.0)	
	A	0W-20, 5W-20, 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	
liters (US qts, Imp.qts)			
N·m (kgf-cm, ft.-lbf)	A	40 (408, 30)	
		8.2 (8.7, 7.2)*4 2.0 (2.1, 1.8)*5*6 2.2 (2.3, 1.9)*5*7	
liters (US qts, Imp.qts)			

*1: Initialization required. Refer to the repair manual for the initialization procedures. *2: Shift lever in P in inspection mode.

*3: ILSAC: International Lubricant Standardization and Approval Committee. *4: for Engine *5: for Inverter *6: for LHD *7: for RHD