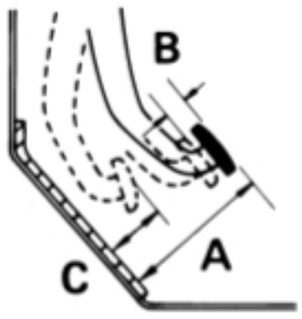
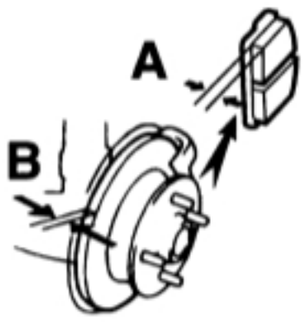
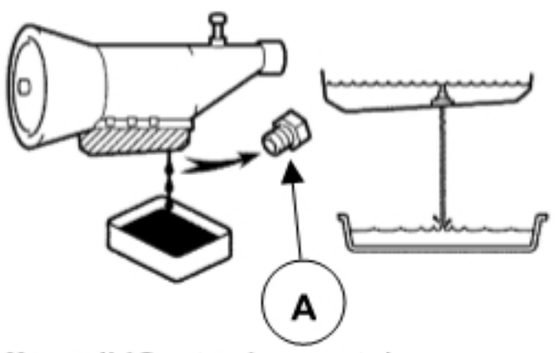
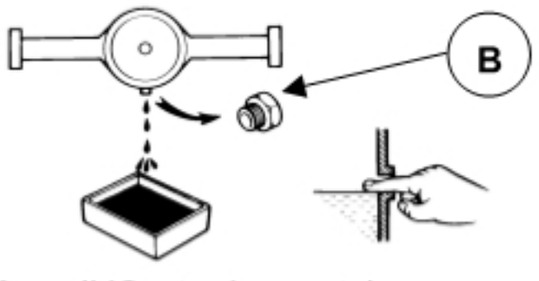
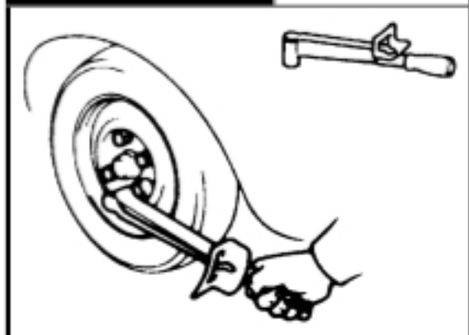
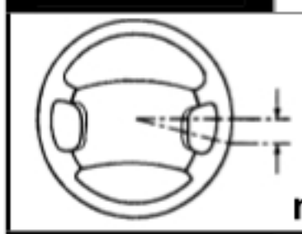
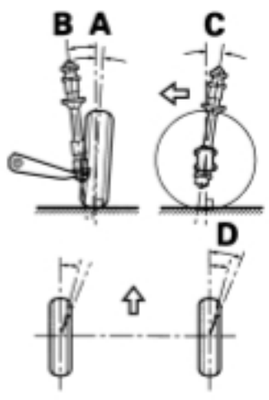
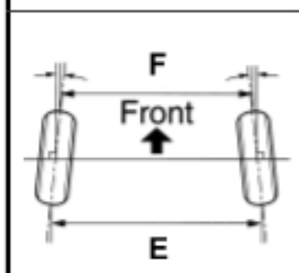
	UZS190, GRS190
 mm *(in.)*	**A** **120.5 to 130.5** *(4.744 to 5.138)*
	B **1.0 to 2.0** *(0.039 to 0.079)*
	C*1 **73** *(2.87)*
	SAE J1703 or FMVSS No. 116 DOT3
300 N *(30.6 kgf, 67 lbf)* 	**7 to 9**
 mm *(in.)*	**A** **1.0** *(0.039)*
	B **30.0** *(1.181)* / **16.5** *(0.650)*
 mm *(in.)*	**1.0** *(0.039)*
 mm *(in.)*	**191** *(7.52)*
	UZS190, GRS190
 liter *(US qts, Imp. qts)*	**GS300** **1.5** *(1.6, 1.3)* **GS430** **1.7** *(1.8, 1.5)* **Toyota Genuine ATF WS**
 liter *(US qts, Imp. qts)*	**1.15** *(1.2, 1.0)**2 **1.35** *(1.4, 1.2)**3
	*2 **Hypoid gear oil, API GL-5** -18°C *(0°F)* **SAE 90** -18°C *(0°F)* **SAE 80W or 80W-90**
	*3 **Toyota Genuine Differential Synthetic gear oil API GL-5 SAE 75W-90 or its equivalent**
N·m *(kgf-cm, ft·lbf)*	**A** **20** *(204, 15)*
	B **49** *(500, 36)*

	UZS190, GRS190
 **N·m** *(kgf-cm, ft·lbf)*	**103** *(1050, 76)*

	UZS190, GRS190
 mm *(in.)*	**30** *(1.18)*

		GS300	GS430	GS300	GS430
	**A**	**-0°23'+-45'** *(-0.38°+-.75°)*	**-0°26'+-45'** *(-0.43°+-75°)*	**-1°10'+-45'** *(-1.17°+-75°)*	**-1°19'+-45'** *(-1.32°+-75°)*
	B	**9°23'+-45'** *(9.38°+-0.75°)*	**9°26'+-45'** *(9.43°+-0.75°)*	—	—
	C	**7°23'+-45'** *(7.38°+-0.75°)*	**7°26'+-45'** *(7.43°+-0.75°)*	—	—
	D	**41°49'** *(41.82°)*	**41°48'** *(41.80°)*	—	—
	**E-F** mm *(in.)*	**0+-2** *(0+-0.08)*		**3+-2** *(0.12+-0.08)*	

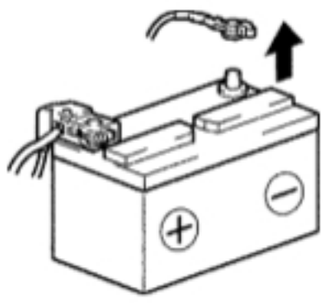
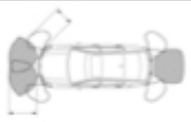
				×4		×5	
							
kPa *(kgf/cm²* or *bar, psi)*			**km/h** *(mph)*				
	Europe	225/50 R17 94W	**210** *(131)*	**260** *(2.6, 38)*	**270** *(2.7, 39)*	**270** *(2.7, 39)*	**320** *(3.2, 46)*
			210 *(131)* **160** *(100)*	**240** *(2.4, 35)*	**250** *(2.5, 36)*	**240** *(2.4, 35)*	**290** *(2.9, 42)*
			160 *(100)*	**230** *(2.3, 33)*		**230** *(2.3, 33)*	**260** *(2.6, 38)*
		245/40 ZR18 93Y	**210** *(131)*	**260** *(2.6, 38)*	**270** *(2.7, 39)*	**270** *(2.7, 39)*	**310** *(3.1, 45)*
			210 *(131)* **160** *(100)*	**240** *(2.4, 35)*	**250** *(2.5, 36)*	**240** *(2.4, 35)*	**270** *(2.7, 39)*
			160 *(100)*	**230** *(2.3, 33)*		**230** *(2.3, 33)*	**260** *(2.6, 38)*
	*4	225/50 R17 94W	**160** *(100)*	**260** *(2.6, 38)*	**270** *(2.7, 39)*	**270** *(2.7, 39)*	**320** *(3.2, 46)*
			160 *(100)*	**230** *(2.3, 33)*		**230** *(2.3, 33)*	**260** *(2.6, 38)*
		245/40 R18 93Y	**160** *(100)*	**260** *(2.6, 38)*	**270** *(2.7, 39)*	**270** *(2.7, 39)*	**310** *(3.1, 45)*
			160 *(100)*	**230** *(2.3, 33)*		**230** *(2.3, 33)*	**260** *(2.6, 38)*
	G.C.C.	225/50 R17 94W	**210** *(131)*	**260** *(2.6, 38)*	**270** *(2.7, 39)*	**270** *(2.7, 39)*	**320** *(3.2, 46)*
			210 *(131)* **160** *(100)*	**240** *(2.4, 35)*	**250** *(2.5, 36)*	**240** *(2.4, 35)*	**290** *(2.9, 42)*
			160 *(100)*	**230** *(2.3, 33)*		**230** *(2.3, 33)*	**260** *(2.6, 38)*
		245/40 R18 93Y	**210** *(131)*	**260** *(2.6, 38)*	**270** *(2.7, 39)*	**270** *(2.7, 39)*	**310** *(3.1, 45)*
			210 *(131)* **160** *(100)*	**240** *(2.4, 35)*	**250** *(2.5, 36)*	**240** *(2.4, 35)*	**290** *(2.9, 42)*
			160 *(100)*	**230** *(2.3, 33)*		**230** *(2.3, 33)*	**260** *(2.6, 38)*
	General	225/50 R17 94W	**210** *(131)*	**260** *(2.6, 38)*	**270** *(2.7, 39)*	**270** *(2.7, 39)*	**320** *(3.2, 46)*
			210 *(131)* **160** *(100)*	**240** *(2.4, 35)*	**250** *(2.5, 36)*	**240** *(2.4, 35)*	**290** *(2.9, 42)*
			160 *(100)*	**230** *(2.3, 33)*		**230** *(2.3, 33)*	**260** *(2.6, 38)*

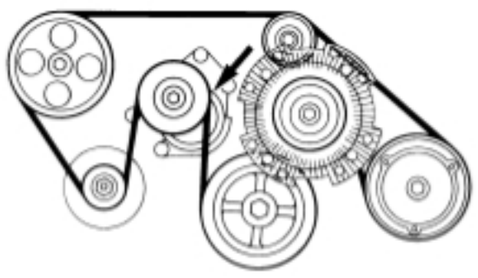
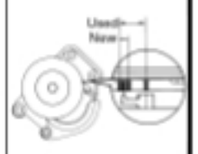
*1 When brake pedal is depressed with force of 490 N (50 kgf, 110.1 lbf) while engine is running. *2 Vehicles without synthetic oil information label

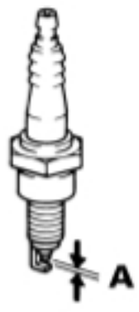
*3 Vehicles with synthetic oil information label *4 Australia, China, South Korea and Taiwan

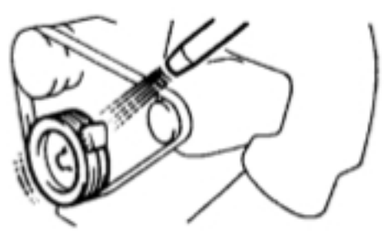
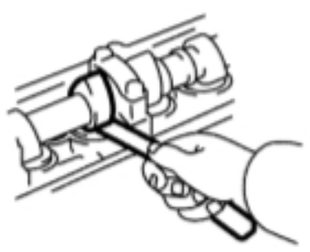
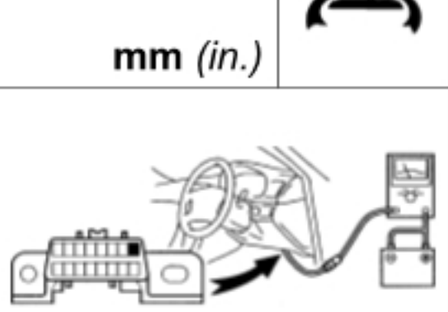
GS430/300

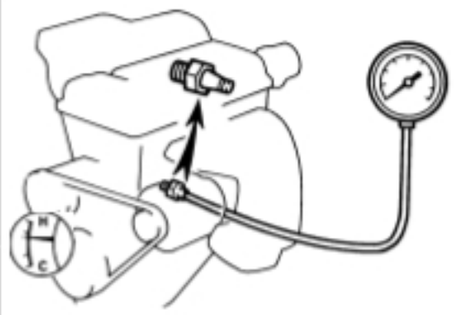
UZS190, GRS190 2005/01 - 2006/07

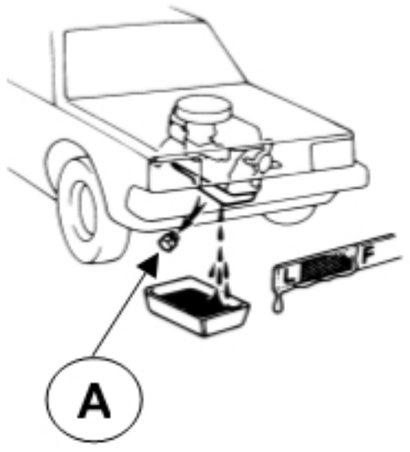
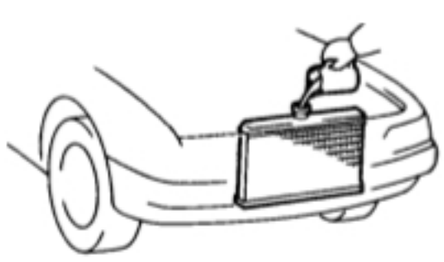
	UZS190, GRS190	
 *1	 *2	*3
	 *4	*5 VGRS
 20°C (68°F)	1.25 to 1.29	

	3GR-FE	3GR-FSE	3UZ-FE
cm³ or cc (cu. in.)	2995 (182.75)	2995 (182.75)	4293 (262.0)
	———		

	DENSO	SK20R11
	NGK	IFR6A11
A	A mm (in.)	1.1 (0.043)

 BTDC	8 to 12° (Terminals TC and CG of DLC3 Connected)	
 mm (in.)	———	0.15 to 0.25 (0.006 to 0.010)
	———	0.25 to 0.35 (0.010 to 0.014)
 (DLC3 Terminal 9 (TAC) Connected) rpm	600 to 700	700 to 800

 kPa (kgf/cm², psi)		1400 (14, 199)	1226 (12.5, 174)
		⬆ 980 (10.0, 142)	⬆ 981 (10.0, 142)
		⬆ 100 (1.0, 15)	⬇ 98 (1.0, 14)
 kPa (kgf/cm², psi)		⬆ 80 (0.8, 11.6)	⬆ 29 (0.3, 4.2)
		6,000 rpm ⬆ 380 (3.9, 55.5)	3,000 rpm 294 to 588 (3.0 to 6.0, 43 to 85)

	3GR-FE	3GR-FSE	3UZ-FE
 liter (US qts, Imp. qts)	5.9 (6.2, 5.2)		4.5 (4.8, 4.0)
	6.3 (6.7, 5.5)		5.2 (5.5, 4.6)
	20W-50 15W-40	API grade SJ or SL multigrade engine oil	
	10W-30 5W-30	API grade SJ "Energy-Conserving", SL "Energy-Conserving" or ILSAC*6 multigrade engine oil	
N·m (kgf-cm, ft·lbf)	A	40 (408, 32)	39 (400, 29)
 liter (US qts, Imp. qts)	9.1 (9.6, 8.0)		11 (11.7, 9.7)

*1 Initialization required. Refer to the repair manual for the initialization procedures. *2 Power Window Control System *3 Sliding Roof System

*4 Clearance Sonar System *5 VGRS: Variable Gear Ratio Steering System *6 ILSAC: International Lubricant Standardization and Approval Committee

TOYOTA MOTOR CORPORATION Overseas Customer Service Technical Division

	UZS190, GRS190
A	120.5 to 130.5 *(4.744 to 5.138)*
B	1.0 to 2.0 *(0.039 to 0.079)*
C*1	73 *(2.87)*
mm *(in.)*	SAE J1703 or FMVSS No. 116 DOT3
300 N *(30.6 kgf, 67 lbf)*	7 to 9
mm *(in.)*	

		UZS190, GRS190	
A		1.0 *(0.039)*	
B		30.0 *(1.181)*	16.5 *(0.650)*
mm *(in.)*			
mm *(in.)*		1.0 *(0.039)*	
mm *(in.)*		191 *(7.52)*	

	UZS190, GRS190
GS300	1.5 *(1.6, 1.3)*
GS430	1.7 *(1.8, 1.5)*
liter *(US qts, Imp. qts)*	Toyota Genuine ATF WS
liter *(US qts, Imp. qts)*	1.15 *(1.2, 1.0)**2 1.35 *(1.4, 1.2)**3

*2	Hypoid gear oil, API GL-5 -18°C *(0°F)* SAE 90 -18°C *(0°F)* SAE 80W or 80W-90	
*3	Toyota Genuine Differential Synthetic gear oil API GL-5 SAE 75W-90 or its equivalent	
A	20 *(204, 15)*	
B	49 *(500, 36)*	
N·m *(kgf-cm, ft·lbf)*		

	UZS190, GRS190
N·m *(kgf-cm, ft·lbf)*	103 *(1050, 76)*

	UZS190, GRS190
mm *(in.)*	30 *(1.18)*

	GS300	GS430	GS300	GS430
A	-0°23'+-45' *(-0.38°+-0.75°)*	-0°26'+-45' *(-0.43°+-0.75°)*	-1°10'+-45' *(-1.17°+-0.75°)*	-1°19'+-45' *(-1.32°+-0.75°)*
B	9°23'+-45' *(9.38°+-0.75°)*	9°26'+-45' *(9.43°+-0.75°)*	———	
C	7°23'+-45' *(7.38°+-0.75°)*	7°26'+-45' *(7.43°+-0.75°)*	———	
D	41°49' *(41.82°)+-2*	41°48' *(41.80°)+-2*	———	
E-F mm *(in.)*	1+-2 *(0.04+-0.08)*		3+-2 *(0.12+-0.08)*	

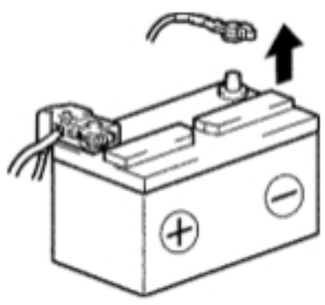
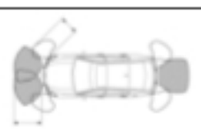
				×4		×5	
km/h *(mph)*							
kPa *(kgf/cm²* or bar, psi)	Europe	225/50 R17 94W	210 *(131)*	260 *(2.6, 38)*	270 *(2.7, 39)*	270 *(2.7, 39)*	320 *(3.2, 46)*
			210 *(131)* 160 *(100)*	240 *(2.4, 35)*	250 *(2.5, 36)*	240 *(2.4, 35)*	290 *(2.9, 42)*
			160 *(100)*	230 *(2.3, 33)*		230 *(2.3, 33)*	260 *(2.6, 38)*
		245/40 ZR18 93Y	210 *(131)*	260 *(2.6, 38)*	270 *(2.7, 39)*	270 *(2.7, 39)*	310 *(3.1, 45)*
			210 *(131)* 160 *(100)*	240 *(2.4, 35)*	250 *(2.5, 36)*	240 *(2.4, 35)*	270 *(2.7, 39)*
			160 *(100)*	230 *(2.3, 33)*		230 *(2.3, 33)*	260 *(2.6, 38)*
	*4	225/50 R17 94W	160 *(100)*	260 *(2.6, 38)*	270 *(2.7, 39)*	270 *(2.7, 39)*	320 *(3.2, 46)*
			160 *(100)*	230 *(2.3, 33)*		230 *(2.3, 33)*	260 *(2.6, 38)*
		245/40 R18 93Y	160 *(100)*	260 *(2.6, 38)*	270 *(2.7, 39)*	270 *(2.7, 39)*	310 *(3.1, 45)*
			160 *(100)*	230 *(2.3, 33)*		230 *(2.3, 33)*	260 *(2.6, 38)*
	G.C.C.	225/50 R17 94W	210 *(131)*	260 *(2.6, 38)*	270 *(2.7, 39)*	270 *(2.7, 39)*	320 *(3.2, 46)*
			210 *(131)* 160 *(100)*	240 *(2.4, 35)*	250 *(2.5, 36)*	240 *(2.4, 35)*	290 *(2.9, 42)*
			160 *(100)*	230 *(2.3, 33)*		230 *(2.3, 33)*	260 *(2.6, 38)*
		245/40 R18 93Y	210 *(131)*	260 *(2.6, 38)*	270 *(2.7, 39)*	270 *(2.7, 39)*	310 *(3.1, 45)*
			210 *(131)* 160 *(100)*	240 *(2.4, 35)*	250 *(2.5, 36)*	240 *(2.4, 35)*	290 *(2.9, 42)*
			160 *(100)*	230 *(2.3, 33)*		230 *(2.3, 33)*	260 *(2.6, 38)*
	General	225/50 R17 94W	210 *(131)*	260 *(2.6, 38)*	270 *(2.7, 39)*	270 *(2.7, 39)*	320 *(3.2, 46)*
			210 *(131)* 160 *(100)*	240 *(2.4, 35)*	250 *(2.5, 36)*	240 *(2.4, 35)*	290 *(2.9, 42)*
			160 *(100)*	230 *(2.3, 33)*		230 *(2.3, 33)*	260 *(2.6, 38)*

*1 When brake pedal is depressed with force of 490 N (50 kgf, 110.1 lbf) while engine is running. *2 Vehicles without synthetic oil information label

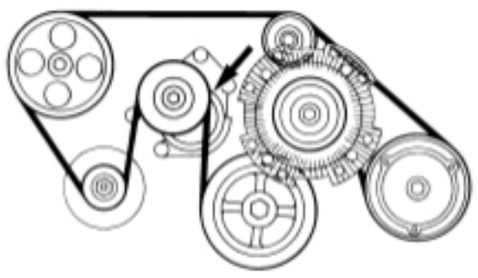
*3 Vehicles with synthetic oil information label *4 Australia, China, South Korea and Taiwan

GS430/300

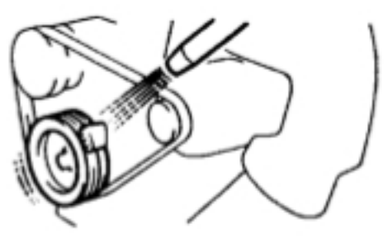
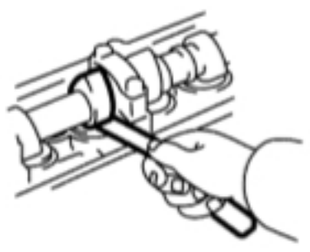
UZS190, GRS190 2006/07 - 2007/09

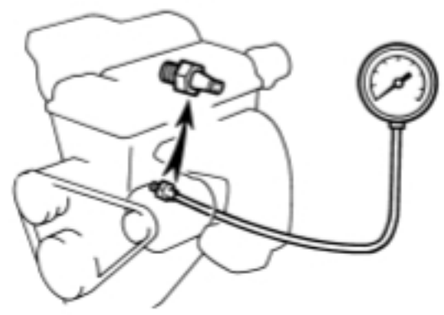
	UZS190, GRS190		
 *1	*2	*3	
	 *4	VGRS *5	
20°C *(68°F)*			

	3GR-FE	3GR-FSE	3UZ-FE
cm³ or cc *(cu. in.)*	**2995** *(182.75)*	**2995** *(182.75)*	**4293** *(262.0)*



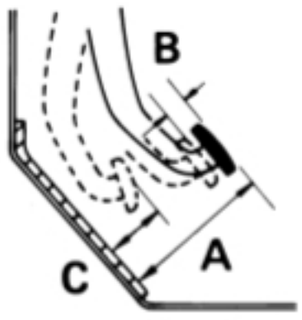
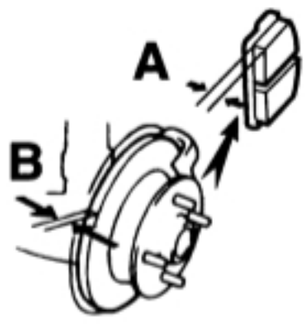
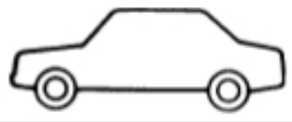
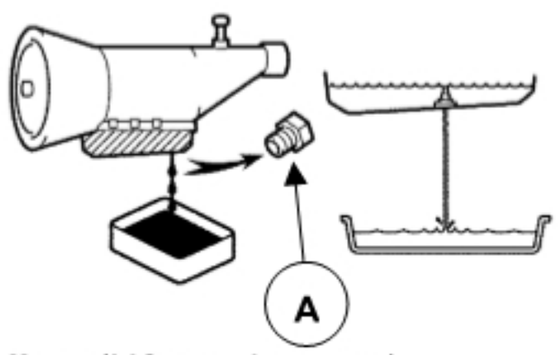
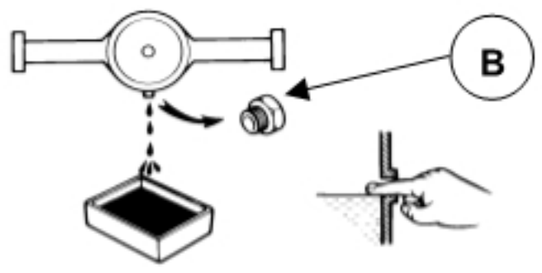
 A	DENSO	SK20R11
	NGK	IFR6A11
	A **mm** *(in.)*	**1.1** *(0.043)*

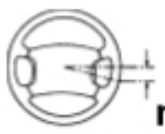
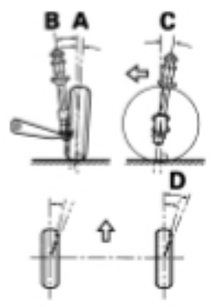
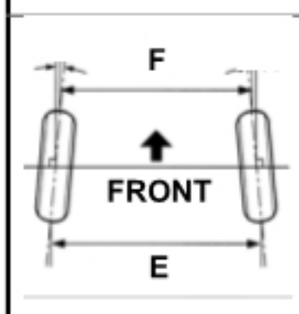
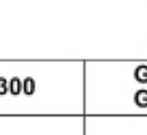
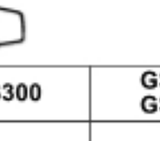
 **BTDC**	**8 to 12°** (Terminals TC and CG of DLC3 Connected)	
 **mm** *(in.)*		**0.15 to 0.25** *(0.006 to 0.010)*
		0.25 to 0.35 *(0.010 to 0.014)*
 **rpm**	**600 to 700**	**700 to 800**

 **kPa** *(kgf/cm², psi)*		**1400** *(14, 199)*	**1226** *(12.5, 174)*
		⬆ **980** *(10.0, 142)*	⬆ **981** *(10.0, 142)*
		⬆ **100** *(1.0, 15)*	⬇ **98** *(1.0, 14)*
 **kPa** *(kgf/cm², psi)*			
		6,000 rpm ⬆ **380** *(3.9, 55.5)*	**3,000 rpm** **294 to 588** *(3.0 to 6.0, 43 to 85)*

	3GR-FE	3GR-FSE	3UZ-FE
 A	**5.9** *(6.2, 5.2)*		**4.5** *(4.8, 4.0)*
	6.3 *(6.7, 5.5)*		**5.2** *(5.5, 4.6)*

20W-50 **15W-40**	**API grade SJ or SL multigrade engine oil**

 mm *(in.)*	A	120.5 to 130.5 *(4.744 to 5.138)*	129.3 to 139.3 *(5.091 to 5.484)*
	B	1.0 to 2.0 *(0.039 to 0.079)*	
	C	*1 *4 65 *(2.56)* *2 *3 *5 74 *(2.91)*	*1 *4 75 *(2.95)* *2 *3 *5 86 *(3.38)*
		SAE J1703 or FMVSS No. 116 DOT3	
300 N *(30.6 kgf, 67 lbf)* 		7 to 9	
 mm *(in.)*			
	A	1.0 *(0.039)*	
	B	27.0 *(1.063)*	16.5 *(0.650)*
 mm *(in.)*		1.0 *(0.039)*	
 mm *(in.)*		191 *(7.52)*	
		UZS190, GRS190, URS190	
 liter *(US qts, Imp. qts)*		*1 1.5 *(1.6, 1.3)* *2 1.7 *(1.8, 1.5)* *3 3.2 *(3.38, 2.82)*	Toyota Genuine ATF WS
 liter *(US qts, Imp. qts)*		*1 1.10 to 1.20 *(1.17 to 1.27, 0.97 to 1.05)* *2 *3 1.30 to 1.40 *(1.38 to 1.48, 1.15 to 1.23)*	Toyota Genuine Differential gear oil LT75W-85 GL-5 or its equivalent
N·m *(kgf-cm, ft·lbf)*	A	20 *(204, 15)*	
	B	49 *(500, 36)*	

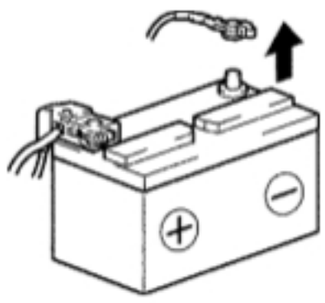
					UZS190, GRS190, URS190	
 N·m *(kgf-cm, ft·lbf)*					103 *(1050, 76)*	
					UZS190, GRS190, URS190	
 mm *(in.)*					30 *(1.18)*	
						
				GS300	GS430 GS460	GS300	GS430 GS460
	A			-0°23'+-45' *(-0.38°+-0.75°)*	-0°26'+-45' *(-0.43°+-0.75°)*	-1°10'+-45' *(-1.17°+-0.75°)*	-1°19'+-45' *(-1.32°+-0.75°)*
	B			9°23'+-45' *(9.38°+-0.75°)*	9°26'+-45' *(9.43°+-0.75°)*	—	
	C			7°23'+-45' *(7.38°+-0.75°)*	7°26'+-45' *(7.43°+-0.75°)*	—	
	D			41°49' *(41.82°)+-2*	41°48' *(41.80°)+-2*	—	
	E-F mm *(in.)*			1+-2 *(0.04+-0.08)*		3+-2 *(0.12+-0.08)*	
				km/h *(mph)*			
kPa *(kgf/cm²* or bar, psi)	Europe	225/50 R17 94W		210 *(131)*	260 *(2.6, 38)*	270 *(2.7, 39)*	270 *(2.7, 39)*	320 *(3.2, 46)*
				210 *(131)* 160 *(100)*	240 *(2.4, 35)*	250 *(2.5, 36)*	240 *(2.4, 35)*	290 *(2.9, 42)*
				160 *(100)*	230 *(2.3, 33)*		230 *(2.3, 33)*	260 *(2.6, 38)*
		245/40 R18 93Y 245/40 ZR18		210 *(131)*	260 *(2.6, 38)*	270 *(2.7, 39)*	270 *(2.7, 39)*	310 *(3.1, 45)*
				210 *(131)* 160 *(100)*	240 *(2.4, 35)*	250 *(2.5, 36)*	240 *(2.4, 35)*	270 *(2.7, 39)*
				160 *(100)*	230 *(2.3, 33)*		230 *(2.3, 33)*	260 *(2.6, 38)*
	Australia	225/50 R17 94W		160 *(100)*	260 *(2.6, 38)*	270 *(2.7, 39)*	270 *(2.7, 39)*	320 *(3.2, 46)*
				160 *(100)*	230 *(2.3, 33)*		230 *(2.3, 33)*	260 *(2.6, 38)*
		245/40 R18 93Y		160 *(100)*	260 *(2.6, 38)*	270 *(2.7, 39)*	270 *(2.7, 39)*	310 *(3.1, 45)*
				160 *(100)*	230 (2.3, 33)		230 *(2.3, 33)*	260 *(2.6, 38)*
	G.C.C.	225/50 R17 94W		210 *(131)*	260 *(2.6, 38)*	270 *(2.7, 39)*	270 *(2.7, 39)*	320 *(3.2, 46)*
				210 *(131)* 160 *(100)*	240 *(2.4, 35)*	250 *(2.5, 36)*	240 *(2.4, 35)*	290 *(2.9, 42)*
				160 *(100)*	230 *(2.3, 33)*		230 *(2.3, 33)*	260 *(2.6, 38)*
		245/40 R18 93Y		210 *(131)*	260 *(2.6, 38)*	270 *(2.7, 39)*	270 *(2.7, 39)*	310 *(3.1, 45)*
				210 *(131)* 160 *(100)*	240 *(2.4, 35)*	250 *(2.5, 36)*	240 *(2.4, 35)*	270 *(2.7, 39)*
				160 *(100)*	230 *(2.3, 33)*		230 *(2.3, 33)*	260 *(2.6, 38)*
	China	225/50 R17 94W 245/40 R18 93Y		160 *(100)*	260 *(2.6, 38)*	270 *(2.7, 39)*	260 *(2.6, 38)*	270 *(2.7, 39)*
				160 *(100)*	230 *(2.3, 33)*			
	Taiwan	225/50 R17 94W		160 *(100)*	280 *(2.8, 41)*			
				160 *(100)*	230 *(2.3, 33)*			
		245/40 R18 93Y		160 *(100)*	290 *(2.9, 42)*			
				160 *(100)*	230 *(2.3, 33)*			
	Other	225/50 R17 94W		210 *(131)*	260 *(2.6, 38)*	270 *(2.7, 39)*	270 *(2.7, 39)*	320 *(3.2, 46)*
				210 *(131)* 160 *(100)*	240 *(2.4, 35)*	250 *(2.5, 36)*	240 *(2.4, 35)*	290 *(2.9, 42)*
				160 *(100)*	230 *(2.3, 33)*		230 *(2.3, 33)*	260 *(2.6, 38)*

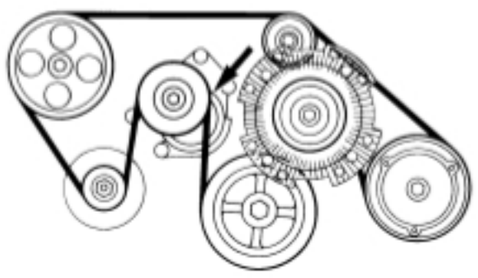
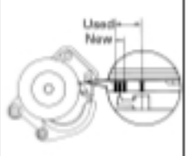
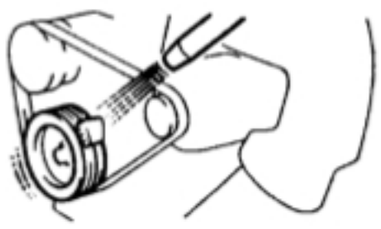
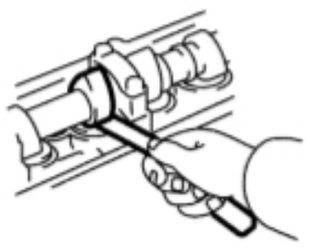
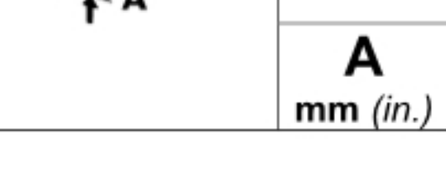
*1 3GR-FE, 3GR-FSE *2 3UZ-FE *3 1UR-FSE *4 When brake pedal is depressed with force of 500 N (51 kgf, 112 lbf) while engine is running.

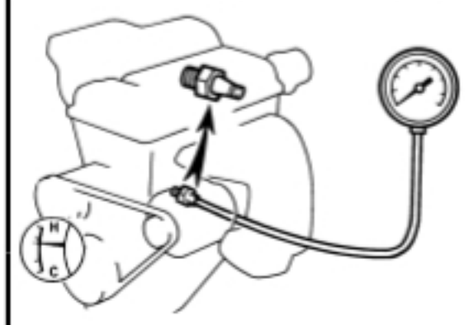
*5 When brake pedal is depressed with force of 200 N (20 kgf, 45 lbf) while engine is running.

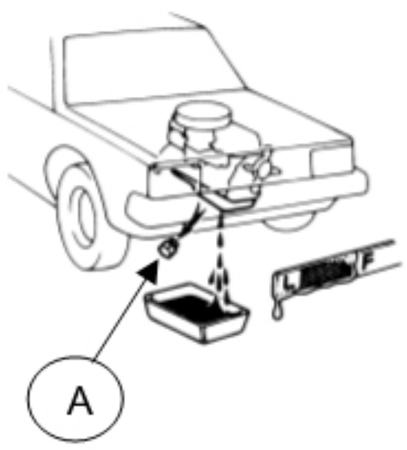
GS460/430/300

UZS190, GRS190, URS190 2007/09 -

	UZS190, GRS190, URS190		
 *1	 *2	 *3	
	VGRS *4	THEFT DETERRENT SYSTEM	
 20°C (68°F)	1.25 to 1.29		

		3GR-FE 3GR-FSE	3UZ-FE	1UR-FSE
	cm^3 or cc (cu. in.)	2995 (182.75)	4293 (262.0)	4608 (281.2)
		-		-
	DENSO	*5 SK20 HR11	SK20R11	FK20HB R11
		*6 FK20H BR11		
	NGK	*5 ILFR6 C11	IFR6A11	-
		*6 ILFR6 D11T		
	A mm (in.)	1.0 to 1.1 (0.039 to 0.043)		
	8 to 12° (Terminals TC and CG of DLC3 Connected) BTDC			
		——	0.15 to 0.25 (0.006 to 0.010)	——
		——	0.25 to 0.35 (0.010 to 0.014)	——
 (DLC3 Terminal 9 (TAC) Connected)	rpm	600 to 700	700 to 800	

		1400 (14, 199)	1226 (12.5, 174)	1400 (14, 199)
		↑ 980 (10.0, 142)	↑ 981 (10.0, 142)	↑ 980 (10.0, 142)
		↑ 100 (1.0, 15)	↓ 98 (1.0, 14)	↑ 100 (1.0, 15)
kPa (kgf/cm², psi)				
		↑ 80 (0.8, 11.6)	↑ 29 (0.3, 4.2)	↑ 29 (0.3, 4.2)
		6000 rpm ↑ 380 (3.9, 55.5)	3000 rpm 294 to 588 (3.0 to 6.0, 43 to 85)	2500 rpm ↑ 220 (2.2, 31.9)
kPa (kgf/cm², psi)				

		3GR-FE 3GR-FSE	3UZ-FE	1UR-FSE
		5.9 (6.2, 5.2)	4.5 (4.8, 4.0)	8.4 (8.9, 7.4)
 A		6.3 (6.7, 5.5)	5.2 (5.5, 4.6)	8.6 (9.1, 7.6)
liter (US qts, Imp. qts)	5W-30	API grade SL ILSAC*7 multigrade engine oil		——
	0W-20 5W-20 5W-30 10W-30 15W-40 20W-50	——		API grade SL or SM multigrade engine oil
N·m (kgf-cm, ft·lbf)	A	39 (398, 29)		
		9.1 (9.6, 8.0)	11 (11.7, 9.7)	10.8 (11.4, 9.5)
liter (US qts, Imp. qts)				

*1 Initialization required. Refer to the repair manual for the initialization procedures. *2 Power Window Control System *3 Clearance Sonar System

*4 VGRS: Variable Gear Ratio Steering System *5 3GR-FE *6 3GR-FSE *7 ILSAC: International Lubricant Standardization and Approval Committee