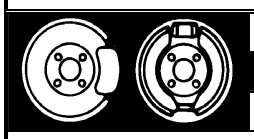
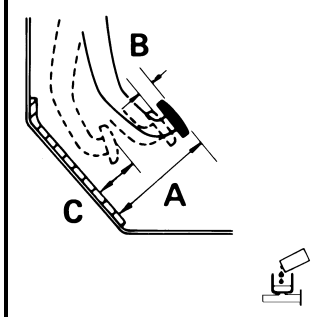
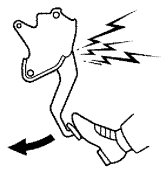
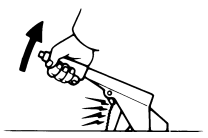
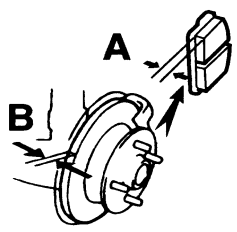
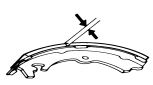
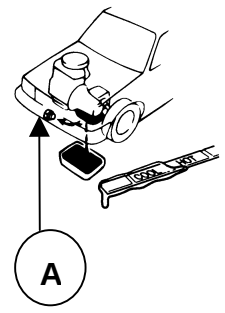
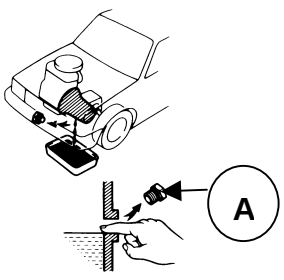
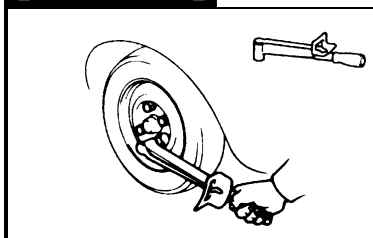
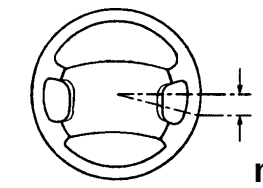
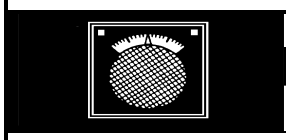
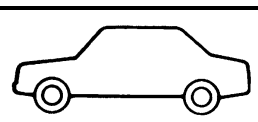
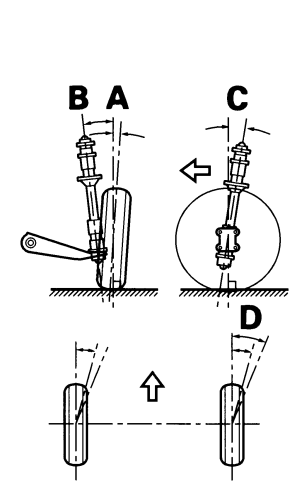
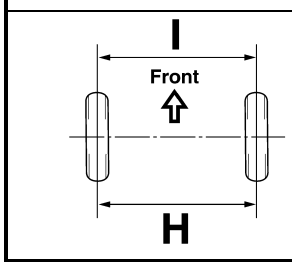
 mm *(in.)*	A	148.0 to 158.0 *(5.826 to 6.221)*	164.7 to 174.7 *(6.484 to 6.878)*
	B	5.0 to 15.0 *(0.197 to 0.591)*	
	C	⬆ *25 (0.98)*	
		SAE J1703 or FMVSS No. 116 DOT3	
			
 mm *(in.)*	A (P R N D 2 L)	129.9 to 139.9 *(5.114 to 5.508)*	135.5 to 145.5 *(5.335 to 5.728)*
	A (1 3 5 / 2 4 R)	131.9 to 141.9 *(5.193 to 5.587)*	137.5 to 147.5 *(5.413 to 5.807)*
	B	1.0 to 6.0 *(0.039 to 0.236)*	
	C (P R N D 2 L)	⬆ 61 *(2.402)*	⬆ 65 *(2.559)*
	C (1 3 5 / 2 4 R)	⬆ 63 *(2.480)*	⬆ 67 *(2.638)*
		SAE J1703 or FMVSS No. 116 DOT3	
300 N *(31kgf, 67.5 lbf)* 		7 to 10	
200 N *(20kgf, 45 lbf)* 		7 to 9	
 mm *(in.)*	A	⬆ 1.0 *(0.039)*	
	B	⬆ 25.0 *(0.983)*	⬆ 8.5 *(0.334)*
 mm *(in.)*		⬆ 1.0 *(0.039)*	
 mm *(in.)*		⬇ 171.0 *(6.73)*	

		ACV	**GSV**
 liter *(US qts, Imp.qts)*	(P R N D 2 L)	Drain and refill 3.5 *(3.7, 3.1)*	Drain and refill 6.6 *(6.9, 5.8)*
		" ATF WS" or equivalent	
N·m (kgf-cm, ft-lbf)	A	49 *(500, 36)*	40 *(408, 30)*
 liter *(US qts, Imp.qts)*	(1 3 5 / 2 4 R)	Drain and refill 2.5 *(2.6, 2.2)*	
		API GL-4 or GL-5 SAE 75W-90	
N·m *(kgf-cm, ft-lbf)*	A	49 *(500, 36)*	
		ACV, GSV	
 N·m *(kgf-cm, ft-lbf)*		103 *(1050, 76)*	
		ACV, GSV	
 mm *(in.)*		⬇ 30 *(1.18)*	
			
	A	-0°30' ± 45° *(-0.50° ± 0.75°)*	-1°00' ± 45° *(-1.00° ± 0.75°)*
	B	12°00' ± 45° *(12.00° ± 0.75°)*	-
	C	2°40' ± 45° *(2.67° ± 0.75°)*	-
	D	38°42' ± 2° *(38.70° ± 2°)*	-
	H-I mm *(in.)*	0 ± 2 *(0 ± 0.08)*	4 ± 2 *(0.16 ± 0.08)*

CAMRY

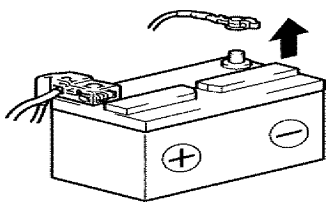
ACV40
GSV40

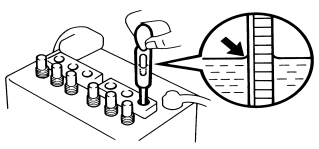
TOYOTA QUALITY SERVICE

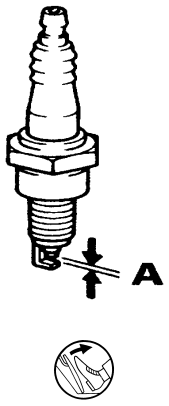
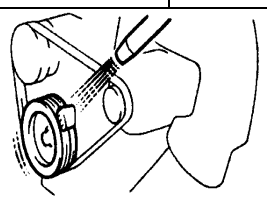
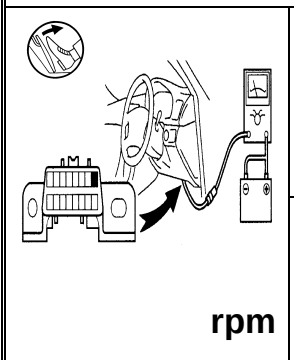
	km/h *(mph)*	×4	×5
kPa *(kgf/cm²* or *bar, psi)*	⬆ 210 *(131)*	250 *(2.5, 36)*	270 *(2.8, 39)*
	⬇ 210 *(131)* ⬆ 160 *(100)*	230 *(2.3, 33)*	250 *(2.5, 36)*
	⬇ 160 *(100)*	210 *(2.1, 31)*	220 *(2.2, 32)*

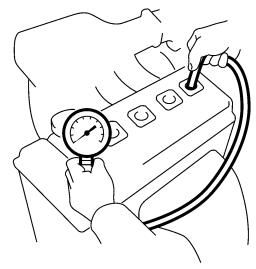
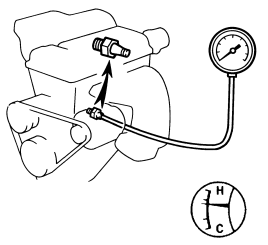
ACV, GSV

*1

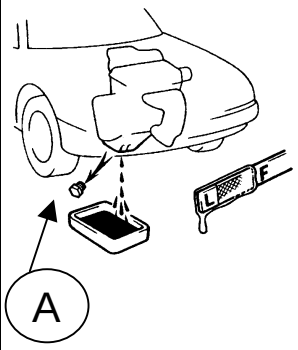
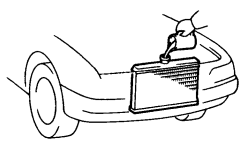


 20°C *(68°F)*	1.25 to 1.29

		2AZ-FE	2GR-FE
	cm^3 or cu.in.	2362 (14401)	3456 (210.9)
	**DENSO**	SK20R11	FK20HR11
	NGK	IFR6A11	-
	A **mm** *(in.)*	1.0 to 1.1 *(0.039 to 0.043)*	
 **BTDC**		8 to 12° (DLC3 Terminals 13 (TC) - 4 (CG) Connected)	
 **rpm**	P N 2 L	610 to 710	600 to 700
	1 3 5 2 4 R	650 to 700	

 **kPa** *(kgf/cm², psi)*		1360 *(13.9, 198)*	1400 *(14.0, 199)*
		⬆ 980 *(10.0, 142)*	⬆ 980 *(10.0, 142)*
		⬇ 100 *(1.0, 15)*	⬇ 100 *(1.0, 15)*
 **kPa** *(kgf/cm², psi)*		⬆ 29 *(0.3, 4.3)*	⬆ 80 *(0.8, 11.6)*
		3,000 rpm: ⬆ 170 to 300 *(1.7 to 3.1, 24 to 44)*	**6,000 rpm:** ⬆ 380 *(3.9, 55.5)*

ACV, GSV

 **liter** *(US qts, Imp. qts)*		4.1 *(4.3, 3.6)*	5.7 *(6.0, 5.0)*
		4.3 *(4.5, 3.8)*	6.1 *(6.4, 5.4)*
		20W-50 and 15W-40: **API grade SL or SM multigrade engine oil** **10W-30 and 5W-30:** **API grade SL Energy-Conserving, SM Energy-Conserving or ILSAC *2 multigrade engine oil**	
N·m *(kgf-cm, ft-lbf)*	A	*25 (255, 18)*	*40 (408, 30)*
 **liter** *(US qts, Imp. qts)*		6.2 *(6.6, 5.5)*	9.0 *(9.5, 7.9)*

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

*2 ILASAC : International Lubricant Standardization and Approval Committee