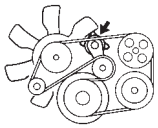
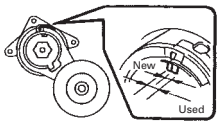
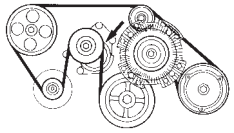
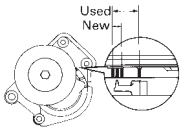
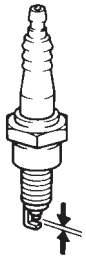
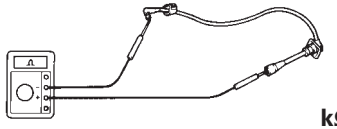
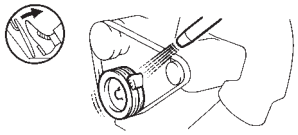
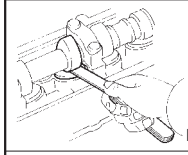
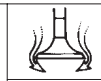
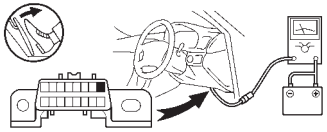
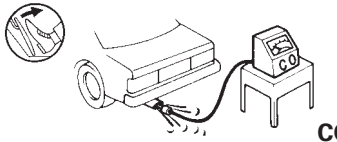
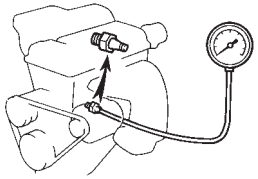
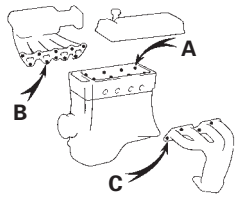
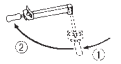
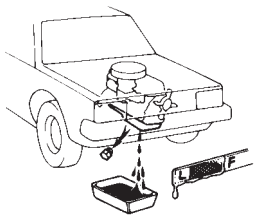
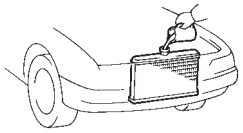
SDS LEXUS GS430/300 JZS160, UZS161 Jul. '00

	2JZ-GE	3UZ-FE
cm³ or CC *(cu. in.)*	2997 *(182.9)*	4293 *(261.9)*
		———
	———	
 **DENSO**	Conventional type K20TR11 Platinum tipped type SK16R-P11	SK20R11
NGK	BKR6EKB11	IFR6A11
A **mm** *(in.)*	1.1 *(0.043)*	
 **kΩ**	———	
 **BTDC**	8–12° (DLC3 Terminals 13(TC)–4(CG) Connected)	
 **mm** *(in.)*	 0.15–0.25 *(0.006–0.010)*	
	0.25–0.35 *(0.010–0.014)*	
 **rpm**	650–750	700–800
 **CO%**	w/ TWC*1 0.5 w/o TWC*1 1.0–2.0 (DLC3 Terminals 13 (TC)–4 (CG) connected)	

kPa *(kgf/cm², psi)*		1324 *(13.5, 192)*	1226 *(12.5, 178)*
		⬆ 1079 *(11.0, 156)*	⬆ 981 *(10.0, 142)*
		⬇ 98 *(1.0, 14)*	
 **kPa** *(kgf/cm², psi)*		⬆ 49 *(0.5, 71)*	⬆ 29 *(0.3, 43)*
	3,000 rpm	⬆ 324 *(3.3, 47)*	⬆ 294–588 *(3.0–6.0, 43–85)*
 **N·m** *(kgf-cm, ft-lbf)*	**A**	① 35 *(350, 26)* ② 90° ③ 90°	 ① 59 *(600, 44)* ② 90°
	B	28 *(280, 21)*	18 *(185, 13)*
	C	40 *(408, 30)*	44 *(450, 32)*

		2JZ-GE	3UZ-FE
 **liter** *(US qts, Imp.qts)*		5.2 *(5.5, 4.6)*	4.9 *(5.2, 4.3)*
		5.5 *(5.8, 4.8)*	5.2 *(5.5, 4.6)*
		API SH, Energy-Conserving II or SJ, Energy-Conserving or ILSAC*2 multigrade engine oil	
 **liter** *(US qts, Imp.qts)*		Europe, Australia 7.7 *(8.1, 6.8)* Others 8.0 *(8.5, 7.0)*	9.8 *(10.4, 8.6)*

Printed in Japan

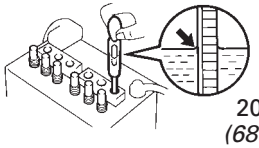
*1 TWC: Three–way Catalic Converter
*2 ILSAC: International Lubricant Standardization and Approval Committee

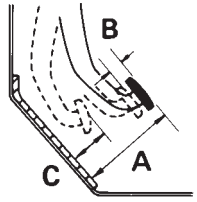
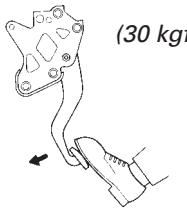
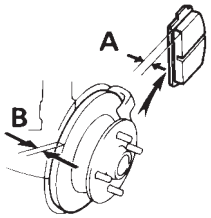
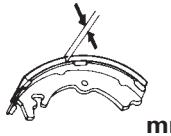
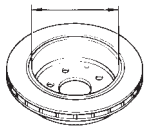
TOYOTA MOTOR CORPORATION **Pub. No. SDS435E**

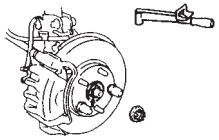
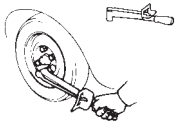
GS430/300

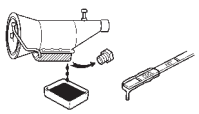
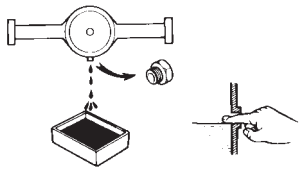
JZS160 – *0115885~*

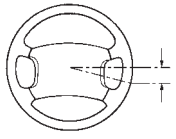
TOYOTA QUALITY SERVICE

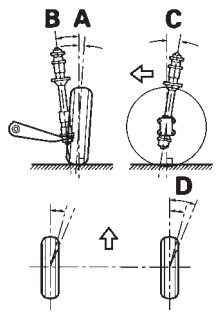
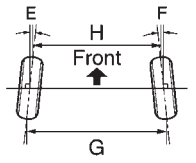
	JZS, UZS
 20°C *(68°F)*	1.25–1.29

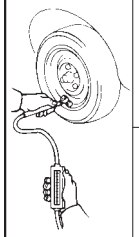
	A	149.0–159.0 *(5.866–6.260)*
	B	0.2–2.0 *(0.008–0.079)*
	C	⬆ 93 *(3.66)*
mm *(in.)*		**SAE J1703, FMVSS No. 116, DOT3**
294 N *(30 kgf, 66.1 lbf)* 		7–9
 mm *(in.)*	A	⬆ 1.0 *(0.039)*
	B	⬆ 30.0 *(1.181)* / ⬆ 10.5 *(0.413)*
 mm *(in.)*		⬆ 1.0 *(0.039)*
 mm *(in.)*		⬇ 191 *(7.52)*

	JZS, UZS
 **N·m** *(kgf-cm, ft-lbf)*	289 *(2950, 213)*
 **N·m** *(kgf-cm, ft-lbf)*	103 *(1050, 76)*

	JZS	UZS
 **liter** *(US qts, Imp. qts)*	2.0 *(2.1, 1.8)*	1.8 *(1.9, 1.6)*
	ATF TYPE T-IV	
 **liter** *(US qts, Imp. qts)*	1.35 *(1.43, 1.19)*	
	Hypoid gear oil API GL-5	
	SAE 90 ⬆ –18°C *(0°F)*	
	SAE 80W or 80W-90 ⬇ –18°C *(0°F)*	

	JZS, UZS
 mm *(in.)*	⬇ 30 *(1.18)*

		JZS, UZS
	A	–0°18±30′ *(–0.30±0.5°)* / –0°30′±30′ *(–0.5°±0.5°)*
	B	8°54′±30′ *(8.9°±0.5°)* / ———
	C	7°28′±30′ *(7.47°±0.5°)* / ———
	D	38°51′ $^{+1°}_{-2°}$ *(38.85° $^{+1°}_{-2°}$)* / ———
	E+F	0°09′±12′ *(0.15°±0.2°)* / 0°03′±12′ *(0.05°±0.2°)*
	G–H mm *(in.)*	1.5±2 *(0.06±0.08)* / 0.5±2 *(0.02±0.08)*

			JZS, UZS			
		km/h (mph)		×4		×5	
 kPa *(kgf/cm², psi)*	235/45ZR17	Europe	⬆ ※1	260 *(2.7, 38)*		280 *(2.9, 41)*	340 *(3.5, 49)*
			⬆ 160※2 *(100)*	240 *(2.4, 35)*		250 *(2.6, 36)*	280 *(2.9, 41)*
			⬇ 160 *(100)*	230 *(2.3, 33)*		230 *(2.3, 33)*	240 *(2.4, 35)*
		Others	⬆ 140 *(87)*	260 *(2.7, 38)*		280 *(2.9, 41)*	340 *(3.5, 49)*
			⬇ 140 *(87)*	230 *(2.3, 33)*		230 *(2.3, 33)*	270 *(2.8, 38)*
	225/55R1694V	Europe, G.C.C.	⬆ 210 *(130)*	240 *(2.4, 35)*	260 *(2.6, 37)*	260 *(2.7, 38)*	340※3 *(3.5, 49)* / 350※4 *(3.5, 50)*
			⬆ 160※2 *(100)*	230 *(2.3, 33)*		240 *(2.4, 35)*	280※3 *(2.9, 41)* / 290※4 *(2.9, 42)*
			⬇ 160 *(100)*	220 *(2.2, 32)*		240 *(2.4, 35)*	250※3 *(2.6, 36)* / 260※4 *(2.6, 37)*
		Others	⬆ 140 *(87)*	240 *(2.4, 35)*	250 *(2.6, 36)*	300 *(3.1, 44)*	340 *(3.5, 49)*
			⬇ 140 *(87)*	220 *(2.2, 32)*		240 *(2.4, 35)*	270 *(2.8, 39)*

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※1: (GS300) 210km/h *(130mph)* or more
(GS430) 230km/h *(143mph)* or more

※2: (GS300) From 160km/h *(100mph)* to 210km/h *(130mph)*
(GS430) From 160km/h *(100mph)* to 230km/h *(143mph)*

※3: Europe
※4: G.C.C.

Overseas Service Division: 01-000801-00