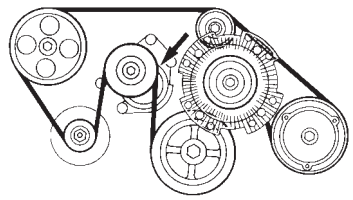
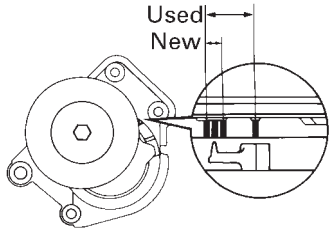
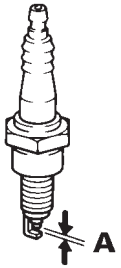
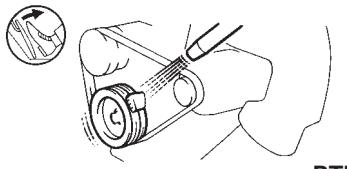
cm³ or CC *(cu. in.)*	3UZ-FE
	4293 *(261.9)*



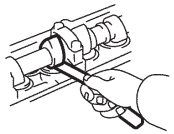




DENSO	w/ TWC*1 w/o TWC*1	SK20R11 K20R-U
NGK	w/ TWC*1 w/o TWC*1	IFR6A11 BKR6EYA
A mm *(in.)*	w/ TWC*1 w/o TWC*1	1.1 *(0.043)* 0.8 *(0.031)*



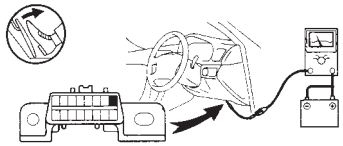
BTDC: 8–12°
(DLC3 Terminals 13(TC)–4(CG) Connected)



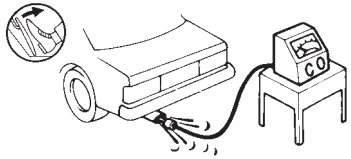
mm *(in.)*

0.15–0.25 *(0.006–0.010)*

0.25–0.35 *(0.010–0.014)*

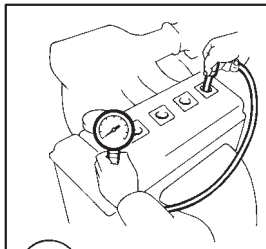


rpm: 700–800
(DLC3 Terminals 9(TAC) Connected)



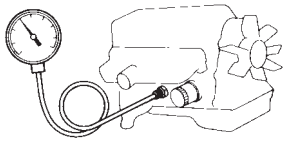
CO%

w/ TWC*1	0.0–0.5*3
w/o TWC*1	1.0–2.0*3



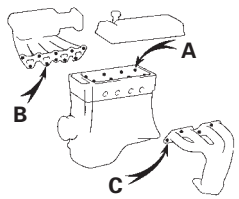
kPa *(kgf/cm², psi)*

	1226 *(12.5, 178)*
⬆	981 *(10.0, 142)*
⬇	98 *(1.0, 14)*



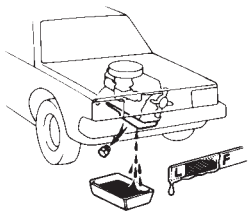
kPa *(kgf/cm², psi)*

⬆	29 *(0.3, 4.3)*
3,000 rpm	294–588 *(3.0–6.0, 43–85)*



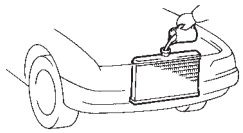
N·m *(kgf–cm, ft–lbf)*

A	① 59 *(600, 44)* ② 90°
B	18 *(185, 13)*
C	44 *(450, 32)*



liter *(US qts, Imp. qts)*

	3UZ-FE
w/Oil Cooler w/o Oil Cooler	4.3 *(4.5, 3.8)* 4.2 *(4.4, 3.7)*
w/Oil Cooler w/o Oil Cooler	4.6 *(4.9, 4.0)* 4.5 *(4.8, 4.0)*
API grade SJ "Energy-Conserving", SL "Energy-Conserving" or ILSAC*2 multigrade engine oil	



liter *(US qts, Imp. qts)*

Australia	9.9 L *(10.4 qt., 8.7 Imp. qt.)*
Others	Type A (Pressurized Reservoir Tank System) 10.1 L *(10.7 qt., 8.9 Imp. qt.)*
Others	Type B (Unpressrized Reservoir Tank System) 9.5 L *(10.0 qt., 8.4 Imp. qt.)*

*1 TWC: Three–way Catalytic Converter
*2 ILSAC: International Lubricant Standardization and Approval Committee
*3 In the 2 mode (2,500 rpm and idle) test, follow the measurement order prescribed by the applicable local regulation.

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Pub. No. SDS467E

LS430

UCF30 – *0092278~*

TOYOTA QUALITY SERVICE

	UCF
20°C (68°F)	80 D 26: 1.28–1.32

		UCF
mm (in.)	A	169–179 (6.654–7.047)
	B	0.2–2.0 (0.008–0.079)
	C	⬆ 60 (2.36)
		SAE J1703 or FMVSS No. 116, DOT3
300 N (31 kgf, 68.3 lbf)		6–8
mm (in.)	A	⬆ 1.0 (0.039)
	B	⬆ 28.0 (1.102) / ⬆ 14.5 (0.571)
mm (in.)		⬆ 1.0 (0.039)
mm (in.)		⬇ 191 (7.52)

	UCF
N·m (kgf-cm, ft-lbf)	103 (1050, 76)

	UCF
liter (US qts, Imp. qts)	1.8 (1.9, 1.6)
	ATF TYPE T-IV
liter (US qts, Imp. qts)	1.35 (1.4, 1.2)
	HYPOID GEAR OIL API GL-5 ⬆ –18°C (0°F) SAE 90 ⬇ –18°C (0°F) SAE 80W or 80W-90

	UCF
mm (in.)	⬇ 30 (1.18)

			Air suspension		Air suspension
	A	–0°05′±45′ (–0.08°±0.75°)	–0°15′±45′ (–0.25°±0.75°)	–0°53′±45′ (–0.88°±0.75°)	–1°35′±45′ (–1.55°±0.75°)
	B	9°00′±45′ (9°±0.75°)	9°15′±45′ (9.25°±0.75°)	—	—
	C	6°45′±45′ (6.75°±0.75°)	7°15′±45′ (7.25°±0.75°)	—	—
	D	43°30′ (43.5)		—	—
	E+F	0°06′±12′ (0.1°±0.2°)		0°18′±12′ (0.3°±0.2°)	
	G–H mm (in.)	1±2 (0.04±0.08)		3±2 (0.12±0.08)	

kPa (kgf/cm², psi)	km/h (mph)		×4		×5	
Europe 225/55 R17 97W	⬇	230 (140)	240 (2.4, 35)	240 (2.4, 35)	240 (2.4, 35)	280 (2.9, 41)
	⬆	230 (140)	260 (2.7, 38)	290 (3.0, 42)	260 (2.7, 38)	330 (3.4, 47)
Australia 225/55 R17 97W	⬇	190 (119)	240 (2.4, 35)	240 (2.4, 35)	240 (2.4, 35)	280 (2.9, 41)
	⬆	190 (119)	270 (2.8, 39)	290 (3.0, 42)	270 (2.8, 39)	330 (3.4, 47)
Others 225/55 R17 97W	⬇	230 (140)	240 (2.4, 35)	240 (2.4, 35)	240 (2.4, 35)	280 (2.9, 41)
	⬆	230 (140)	260 (2.7, 38)	290 (3.0, 42)	260 (2.7, 38)	330 (3.4, 47)

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