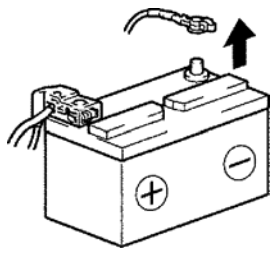
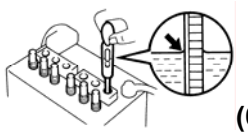
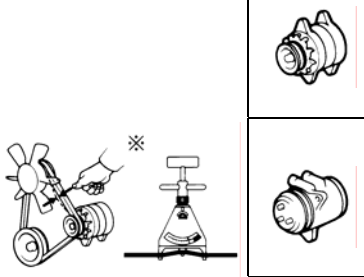
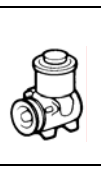
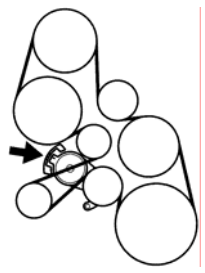
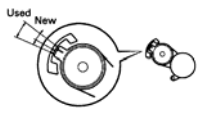
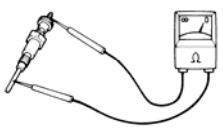
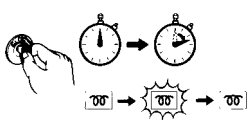
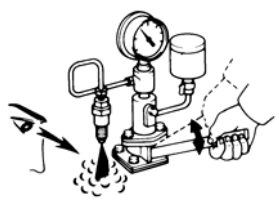
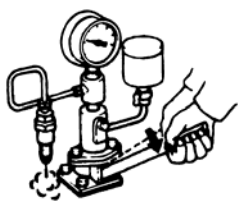
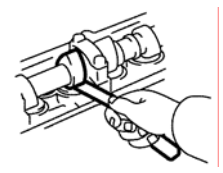
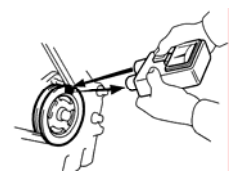
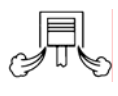
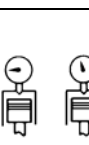
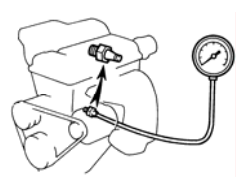
Land Cruiser **Diesel**

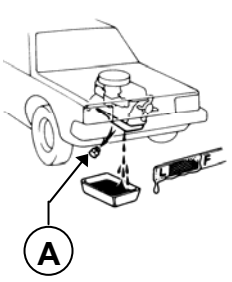
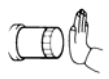
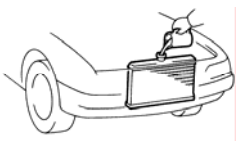
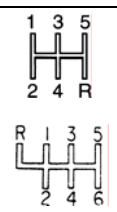
LJ120, 125
KZJ120
KDJ120, 125

TOYOTA QUALITY SERVICE

	LJ	KZJ	KDJ
 *1	 *2		
	 *3		
 20 ° C (68 ° F)	1.25 to 1.29		

		5L-E	1KZ-TE	1KD-FTV
	cm³ or CC *(cu. In.)*	2986 *(182.2)*	2982 *(182.0)*	
 Mm *(in.)* N *(kgf)*		10 to 14 *(0.39 to 0.55)* *196 to 343 *(20 to 35)*	8 to 12 *(0.31 to 0.47)* *300 to 500 *(31 to 51)*	———
		15 to 20 *(0.59 to 0.79)* *196 to 392 *(20 to 40)*	15 to 21 *(0.59 to 0.83)* *196 to 392 *(20 to 40)*	———
		10 to 15 *(0.39 to 0.59)* *196 to 343 *(20 to 35)*	———	———
		———	———	
 20 ° C (68 ° F) Ω		0.72		
 20 ° C (68 ° F) secs		3.2	1.1	
		○ × × ×		———
 kPa *(kgf*cm², psi)*		15200 to 16180 *(155 to 165, 2205 to 2347)*	14710 to 15690 *(150 to 160, 2133 to 2276)*	———
		15790 to 16570 *(161 to 169, 2290 to 2404)*	15310 to 16090 *(156 to 164, 2220 to 2334)*	———

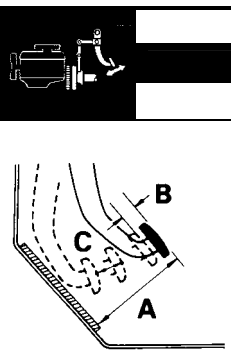
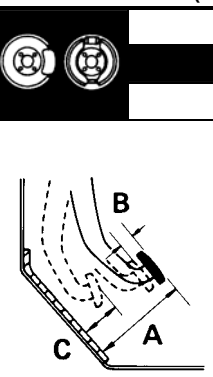
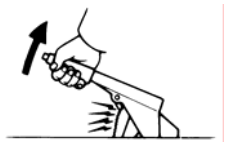
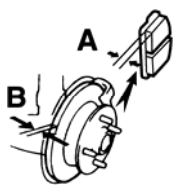
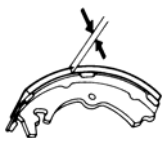
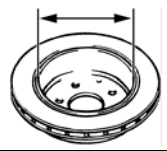
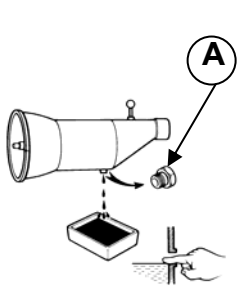
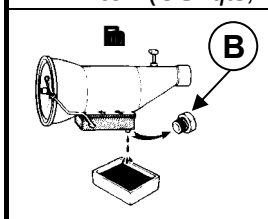
 mm *(in.)*	 	0.20 to 0.30 *(0.008 to 0.012)*	
		0.40 to 0.50 *(0.016 to 0.020)*	0.25 to 0.35 *(0.010 to 0.014)* / 0.35 to 0.45 *(0.014 to 0.017)*
 rpm	 	650 to 750	
		4750 to 5050	4450 to 4750 / 4500 to 4700
		3138 *(32.0, 455)*	3040 *(31.0, 441)* / 2700 *(27.5, 320)*
		1961 *(20.0, 284)*	2200 *(22.5, 320)*
 kPa *(kgf*cm², psi)*		490 *(5.0, 71)*	500 *(5.0, 71)*
 kPa *(kgf*cm², psi)*		29 *(0.3, 4.2)*	
	3,000 rpm 	294 to 539 *(3.0 to 5.5, 43 to 78)*	245 *(2.5, 36)*

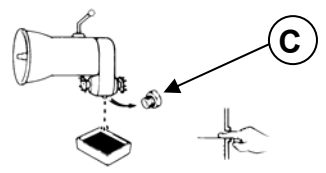
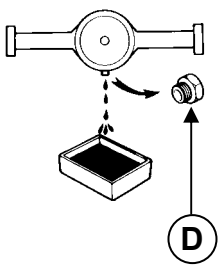
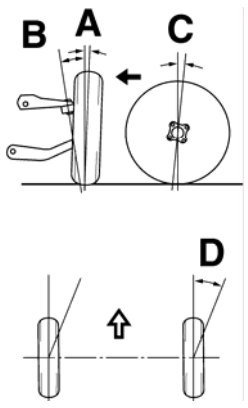
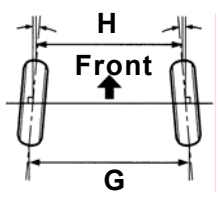
		5L-E	1KZ-TE	1KD-FTV
 liter *(US qts, Imp. qts)*		6.0 *(6.3, 5.3)*	6.3 *(6.7, 5.5)*	6.7 *(7.1, 5.9)*
		6.9 *(7.3, 6.1)*	7.0 *(7.4, 6.2)*	7.0 *(7.4, 6.2)*
		API CF-4 or CF (You may also use API CE or CD)		
Nm *(kgf*cm, ft*lbf)*	A	35 *(350, 25)*	34 *(347, 25)*	
 liter *(US qts, Imp. qts)*		9.3 *(9.8, 8.2)*	12.4 *(13.1, 10.9)*	w / Power Heater 11.5 *(12.2, 10.1)* w / o Power Heater 11.3 *(11.9, 9.9)*
		———	12.2 *(12.9, 10.7)*	w / Power Heater 11.8 *(12.5, 10.4)* w / o Power Heater 11.6 *(12.3, 10.2)*

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

*2 Power Window

*3 Sliding Roof System

	A	197.9 to 207.9 *(7.791 to 8.185)*	193.9 to 203.9 *(7.634 to 8.028)*
	B	5 to 15 *(0.20 to 0.60)*	
	C	⬆ 25 *(0.98)*	
mm *(in.)*		SAE J1703 or FMVSS No. 116 DOT3	
	A	181.6 to 191.6 *(7.150 to 7.543)*	180.6 to 190.6 *(7.110 to 7.504)*
	B	1 to 6 *(0.04 to 0.24)*	
	C*1	⬆ 44 *(1.73)**2 ⬆ 45 *(2.16)**3	
mm *(in.)*		SAE J1703 or FMVSS No. 116 DOT3	
		5 to 7	
196 N *(20 kgf, 44lbf)*			
		⬆ 1.0 *(0.039)*	
	A		
	B	⬆ 26 *(1.024)*	⬆ 16 *(0.63)*
mm *(in.)*			
		⬆ 1.0 *(0.039)*	
mm *(in.)*			
		⬇ 211 *(8.307)*	
mm *(in.)*			
		113 *(11.5, 83)*	
N·m *(kgf*m, ft.*lbf)*			
		LJ/KZJ	KDJ
	1 3 5 2 4 R	2.2 *(2.3, 1.9)*	——
	R 1 3 5 2 4 6	——	1.8 *(1.9, 1.6)*
liter *(US qts, Imp. qts)*		API GL-4 or GL-5 SAE 75W-90	
	P R N D 2 L	4-Speed Level Gauge Type 2.0 *(2.1, 1.8)*	5-Speed Overflow Type 3.0 *(3.2, 2.6)*
liter *(US qts, Imp. qts)*		Toyota Genuine ATF Type T-Ⅳ	Toyota Genuine ATF WS

		1.4 *(1.5, 1.2)*	
Liter *(US qts, Imp. qts)*		Hypoid gear oil API GL-5 SAE 75W-90	
	Australia		w / Rear Differential Lock 2.95 *(3.1, 2.6)* w / o Rear Differential Lock 3.05 *(3.2, 2.7)*
	Others	1.4 *(1.5, 1.2)*	3-door model: w / Rear Differential Lock 2.4 *(2.6, 2.1)* w / o Rear Differential Lock 2.5 *(2.6, 2.2)*
			5-door model: w / Rear Differential Lock 2.95 *(3.1, 2.6)* w / o Rear Differential Lock 3.05 *(3.2, 2.7)*
liter *(US qts, Imp. qts)*		Hypoid gear oil API GI-5 With LSD use LSD oil only SAE 90 (⬆ -18°C (0°F)) SAE80W, 80W-90(⬇ -18°C (0°F))	
N*m *(kgf*cm ft.*lbf)*.		A: 37 *(377, 27)*	C: 37 *(377, 27)*
		B: 20 *(204, 15)*	D: 49 *(500, 36)*
		LJ/KZJ/KDJ	
mm *(in.)*		⬇ 30 *(1.2)*	
		3-door model	5-door model
	A	0°16´ +- 45´ *(0.27° +- 0.75°)*	0°19´+- 45´ *(0.32°+- 0.75°)*
	B	12°14´+- 45´ *(12.23°+- 0.75°)*	12°11´+- 45´ *(12.18°+- 0.75°)*
	C	2°41´+- 45´ *(2.68°+- 0.75°)*	Normal Suspension 2°40´+-45´ *(2.67°+-0.75°)* Air Suspension 2°56´±45´ *(2.93°±0.75°)*
	D	36°20´+1°-2*(36.33°+1°-2)*	
	E+F	0°05´ +- 0°10´ *(0.08° +- 0.16°)*	0°10´+- 0°10´ *(0.16°+- 0.16°)*
	G-H mm *(in.)*	1 +- 2 *(0.04 +- 0.08)*	2 +- 2 *(0.08 +- 0.08)*
kPa *(kgf*cm²*, psi)*	225 / 70R17 108S	200 *(2.0, 29)*	200 *(2.0, 29)* 260 *(2.7,*
	225 / 70R17C 108S	200 *(2.0, 29)*	200 *(2.0, 29)* 290 *(3.0, 42)**4
	P265 / 65R17 110S	200 *(2.0, 29)*	200 *(2.0, 29)*
	265 / 65R17 112S	190 *(1.9, 28)**5	190 *(1.9, 28)**5

*1 When brake pedal is depressed with the force of 490 N (50kgf, 110lbf) while the engine is running.

*2 Without the vehicle stability control system

*3 With the vehicle stability control system

*4 Standard inflation for all loads including full rated loads

*5 Australia