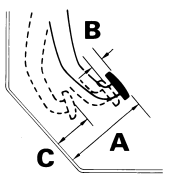
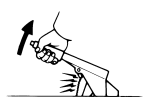
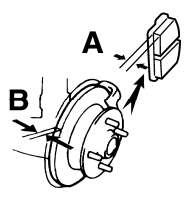
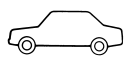
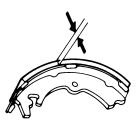
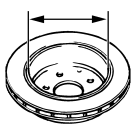
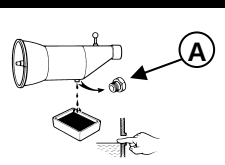
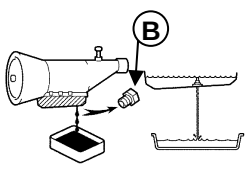
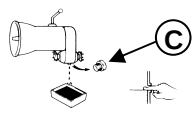
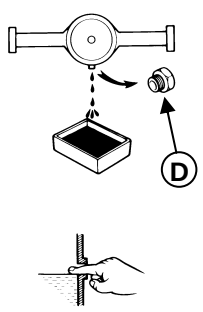
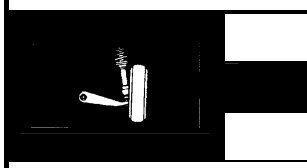
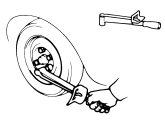
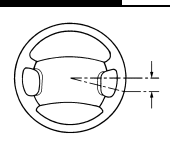
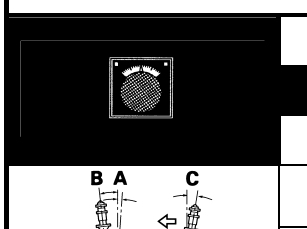
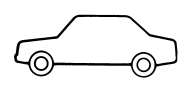
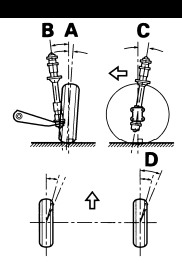
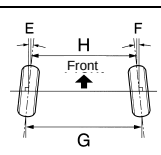
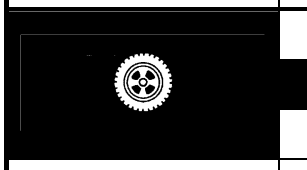
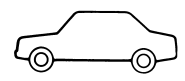
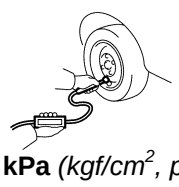
 **mm** *(in.)*	**A**	**162.7 to 172.7** *(6.41 to 6.79)*	**164.8 to 174.8** *(6.49 to 6.88)*
	B	**5 to 15** *(0.197 to 0.591)*	
	C	**20** *(0.787)*	
		**SAE J1703 or FMVSS No. 116 DOT3**	
			
 **mm** *(in.)*	**A**	**147.1 to 157.1** *(5.80 to 6.18)*	**149.1 to 159.1** *(5.87 to 6.26)*
	B	**1 to 6** *(0.0394 to 0.236)*	
	C*1	**67** *(2.64)*	**67.5** *(2.66)*
		**SAE J1703 or FMVSS No. 116 DOT3**	
 **200 N** *(20 kgf, 45 lbf)*		**5 to 7 Clicks**	
 **mm** *(in.)*			
	A	**1.0** *(0.0394)*	
	B	**29.0** *(1.15)*	**16.0** *(0.630)*
 **mm** *(in.)*		**1.0** *(0.0394)*	
 **mm** *(in.)*		**241** *(9.48)*	
		**GRJ**	**URJ**
 **Liter** *(US qts, Imp. qts)* **N*m** *(kgf*cm, ft.*lbf)*		**3.0** *(3.17, 2.64)*	**-**
		API GL-4 SAE 75W-90	**-**
	A	**37** *(380, 27)*	**-**
 **Liter** *(US qts, Imp. qts)* **N*m** *(kgf*cm, ft.*lbf)*		***2**	***3**
		Toyota Genuine ATF WS	
	B	**20** *(204, 15)*	

 **Liter** *(US qts, Imp. qts)* **N*m** *(kgf*cm, ft.*lbf)*	**C**	**1.4 to 1.5** *(1.5 to 1.6, 1.2 to 1.3)* **Toyota Genuine Transfer Gear Oil LF SAE 75W or equivalent** **37** *(377, 27)*
 **Liter** *(US qts, Imp. qts)* **N*m** *(kgf*cm, ft.*lbf)*	 **D**	**1.85 to 1.95** *(1.96 to 2.06, 1.63 to 1.71)* Toyota Genuine Differential gear oil LT 75W-85 GL-5 or equivalent **39** *(400, 29)*
		Standard **4.15 to 4.25** *(4.39 to 4.49, 3.66 to 3.74)* **w/ LSD** **w/ Differential Lock** **4.10 to 4.20** *(4.34 to 4.43, 3.60 to 3.69)* **w/o LSD** Toyota Genuine Differential gear oil LT 75W-85 GL-5 or equivalent **w/ LSD** Toyota Genuine Differential gear oil LX 75W-85 GL-5 or equivalent **49** *(500, 36)*
		**GRJ, URJ**
 **N*m** *(kgf*cm, ft.*lbf)*		**131** (*1336, 97*)***4** **209** (*2131, 154*)***5**
		**GRJ, URJ**
 **mm** *(in.)*		**30** *(1.18)*
		
	**A** **B** **C** **D**	**Please refer to Repair Manual (Specifications / Alignment / Handling Diagnosis)**
	**E+F** **G-H** **mm** *(in.)*	
		
 **kPa** *(kgf/cm^2, psi)*	**Please refer to Repair Manual (Specifications / Tire / Wheel)**	

*1: When brake pedal is depressed with the force of 490 N (50 kgf, 110.2 lbf) while the engine is running.
*2: Please refer to Repair Manual (A750F Automatic Transmission / Transaxle / Automatic Transmission Fluid)
*3: Please refer to Repair Manual (AB60F Automatic Transmission / Transaxle / Automatic Transmission Fluid)
*4: for Aluminum Wheel *5: for Steel Wheel

LAND CRUISER Station Wagon

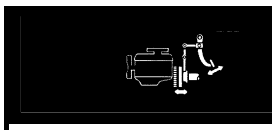
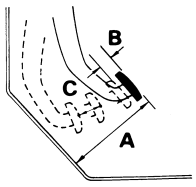
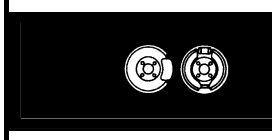
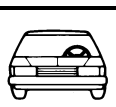
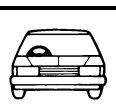
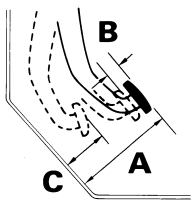
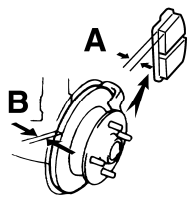
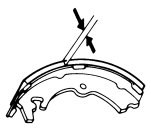
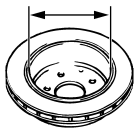
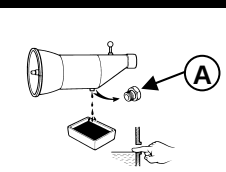
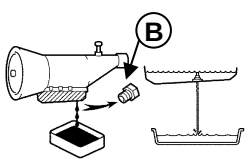
GRJ200, URJ200, 202 2014/08 -

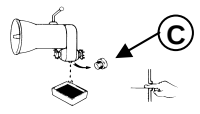
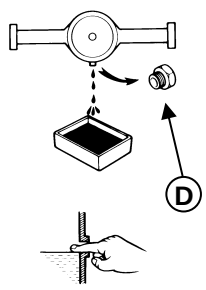
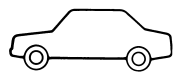
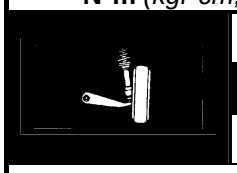
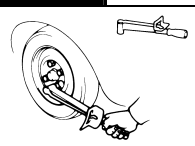
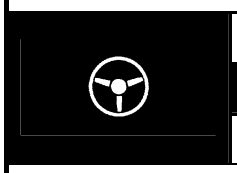
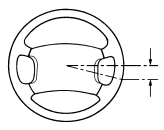
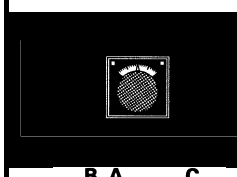
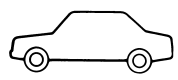
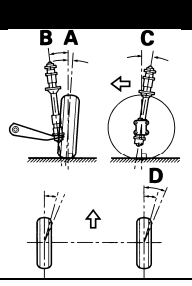
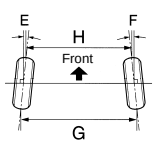
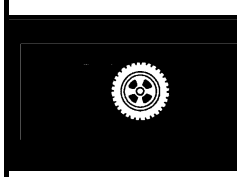
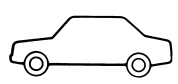
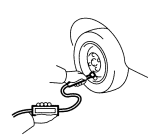
		GRJ, URJ		
*1		**Parking Assist Monitor System**		
		Power Back Door System		
		Air Conditioning System		
20°C *(68°F)*		**1.25 to 1.29**		
		1GR-FE	**1UR-FE**	**3UR-FE**
	cc *(cu. in.)*	**3956** *(241.4)*	**4608** *(281.1)*	**5663** *(345.6)*
A	**DENSO**	**SK20HR11 or SK16HR11**	**SK20HR11**	
	A mm *(in.)*	**1.0 to 1.1** *(0.0394 to 0.0433)*		
	BTDC	**8 to 12°*2** [DLC3 terminals 13 (TC) and 4 (CG) connected]		
	mm *(in.)*	-		
		-		
[DLC3 terminal 9 (TAC) connected] **rpm**		**690 to 790*2**	**650 to 750*2**	

		1400 *(14.3, 203)*	**1300** *(13.3, 189)*	
kPa *(kgf/cm², psi)*		⬆ **1000** *(10.2, 145)*		
		⬇ **100** *(1.0, 15)*		
		⬆ **30** *(0.3, 4.4)*	⬆ **70** *(0.7, 10.1)*	
kPa *(kgf/cm², psi)*	**rpm**	⬆ **200** *(2.0, 29)**5	⬆ **220** *(2.2, 32)* *4	
		1GR-FE	**1UR-FE**	**3UR-FE**
		5.6 *(5.9, 4.9)*	**7.1** *(7.5, 6.2)*	
A		**6.1** *(6.4, 5.4)*	**7.5** *(7.9, 6.6)*	
Liter *(US qts, Imp. qts)*		**0W-20*6, 5W-20*6, 5W-30 and 10W-30: API grade SL "Energy-Conserving", SM "Energy-Conserving", SN "Resource-Conserving" or ILSAC*3 multigrade engine oil** **15W-40 and 20W-50: API grade SL, SM or SN multigrade engine oil**	**0W-20, 5W-20, 5W-30 and 10W-30: API grade SL "Energy-Conserving", SM "Energy-Conserving", SN "Resource-Conserving" or ILSAC*3 multigrade engine oil** **15W-40 and 20W-50: API grade SL, SM or SN multigrade engine oil**	**5W-30 and 10W-30: API grade SL "Energy-Conserving", SM "Energy-Conserving", SN "Resource-Conserving" or ILSAC*3 multigrade engine oil** **15W-40 and 20W-50: API grade SL, SM or SN multigrade engine oil**
N*m *(kgf*cm, ft.*lbf)*	A	**40** *(408, 30)*		
	1 3 5 / 2 4 R	**w/o Rear Heater 11.7** *(12.4, 10.3)* **w/ Rear Heater 14.6** *(15.4, 12.8)*	-	
		11.2 *(11.8, 9.9)*	**w/o ATF Warmer: w/ Rear Heater 16.5** *(17.4, 14.5)* **w/o Rear Heater 13.8** *(14.6, 12.1)* **w/ ATF Warmer: w/ Rear Heater 17.0** *(18.0, 15.0)* **w/o Rear Heater 14.2** *(15.0, 12.5)*	**w/o Rear Heater 13.4** *(14.2, 11.8)* **w/ Rear Heater 16.2** *(17.1, 14.3)*
Liter *(US qts, Imp. qts)*	***6**	**14.4** *(15.2, 12.7)*	-	

*1: Initialization required. Refer to the repair manual for the initialization procedures.
*2: Transmission in neutral position and A/C switch OFF.
*3: International Lubricant Standardization and Approval Committee *4: 2500 rpm *5: 3000 rpm *6: for China

TOYOTA MOTOR CORPORATION Technical Service Division

			
	A	**162.7 to 172.7** *(6.41 to 6.79)*	**164.8 to 174.8** *(6.49 to 6.88)*
	B	**5 to 15** *(0.197 to 0.591)*	
	C	⇧ **20** *(0.787)*	
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT3**	
			
	A	**147.1 to 157.1** *(5.80 to 6.18)*	**149.1 to 159.1** *(5.87 to 6.26)*
	B	**1 to 6** *(0.0394 to 0.236)*	
	C*1	⇧ **67** *(2.64)*	⇧ **67.5** *(2.66)*
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT3**	
 **200 N** *(20 kgf, 45 lbf)*		**5 to 7**	
 **mm** *(in.)*			
	A	⇧ **1.0** *(0.0394)*	
	B	⇧ **29.0** *(1.15)*	⇧ **16.0** *(0.630)*
 **mm** *(in.)*		⇧ **1.0** *(0.0394)*	
 **mm** *(in.)*		⇧ **241** *(9.48)*	
		**VDJ**	
		**3.0** *(3.17, 2.64)*	
Liter *(US qts, Imp. qts)*		**API GL-4 SAE 75W-90**	
N*m *(kgf*cm, ft.*lbf)*	Ⓐ	**37** *(380, 27)*	
 **Liter** *(US qts, Imp. qts)*		**Please refer to Repair Manual (AB60F Automatic Transmission / Transaxle / Automatic Transmission Fluid)**	
		Toyota Genuine ATF WS	
N*m *(kgf*cm, ft.*lbf)*	Ⓑ	**20** *(204, 15)*	

 **Liter** *(US qts, Imp. qts)*	Ⓒ	**1.4 to 1.5** *(1.5 to 1.6, 1.2 to 1.3)*	
		Toyota Genuine Transfer Gear Oil LF SAE 75W or equivalent	
N*m *(kgf*cm, ft.*lbf)*	Ⓒ	**37** *(377, 27)*	
 **Liter** *(US qts, Imp. qts)*			
		1.85 to 1.95 *(1.96 to 2.06, 1.63 to 1.71)*	**Standard** **4.15 to 4.25** *(4.39 to 4.49, 3.66 to 3.74)* **w/ LSD** **w/ Differential Lock** **4.10 to 4.20** *(4.34 to 4.43, 3.60 to 3.69)*
		Toyota Genuine Differential gear oil LT 75W-85 GL-5 or equivalent	**w/o LSD** Toyota Genuine Differential gear oil LT 75W-85 GL-5 or equivalent **w/ LSD** Toyota Genuine Differential gear oil LX 75W-85 GL-5 or equivalent
N*m *(kgf*cm, ft.*lbf)*	Ⓓ	**39** *(400, 29)*	**49** *(500, 36)*
		**VDJ**	
 **N*m** *(kgf*cm, ft.*lbf)*		**131** *(1336, 97)*2* **209** *(2131, 154)*3*	
		**VDJ**	
 **mm** *(in.)*		⇩ **30** *(1.18)*	
			
	A	**Please refer to Repair Manual (Specifications / Alignment / Handling Diagnosis)**	-
	B		
	C		
	D		
	E+F		
	G-H **mm** *(in.)*		
			
 **kPa** *(kgf/cm^2, psi)*		**Please refer to Repair Manual (Specifications / Tire / Wheel)**	

*1: When brake pedal is depressed with the force of 490 N (50 kgf, 110.2 lbf) while the engine is running.
*2: for Aluminum Wheel *3: for Steel Wheel

LAND CRUISER Station Wagon

Diesel VDJ200 2014/08 -

	VDJ	
*1	**Parking Assist Monitor System**	
	Power Back Door System	
	Air Conditioning System	
20°C *(68°F)*	**1.25 to 1.29**	
	1VD-FTV	
cc *(cu. in.)*	**4461** *(272.2)*	
20°C *(68°F)*	**w/ DPF: 0.7 or higher**	
Ohm	**w/o DPF: Approximately 1.0**	
	w/ DPF: **-15°C** *(5°F)*: **6** **0°C** *(32°F)*: **1** **28°C** *(82°F)*: **0.45**	
sec.	**w/o DPF:** **-20°C** *(-4°F)*: **10** **-15°C** *(5°F)*: **6** **0°C** *(32°F)*: **3** **28°C** *(82°F)*: **1**	
1 3 5 / 2 4 R	**500 to 600** [DLC3 terminal 9 (TAC) connected]	
P R N D 2 L	**550 to 750** [DLC3 terminal 9 (TAC) connected]	
rpm	**4700 to 4900** [DLC3 terminal 9 (TAC) connected]	
	2700 *(27.5, 392)*	
	⇧ **2200** *(22.4, 319)*	
kPa *(kgf/cm², psi)*	⇩ **500** *(5.1, 73)*	
	⇧ **50** *(0.5, 7.3)*	
2500 rpm	⇧ **230** *(2.3, 33)*	
	VDJ	
	8.2 *(8.7, 7.2)*	
	9.2 *(9.7, 8.1)*	
Liter *(US qts, Imp. qts)*	**w/ DPF: 0W-30 5W-30*3**	**ACEA C2 (Using engine oil other than ACEA C2 may damage catalytic converter)**
	w/o DPF: 5W-30 10W-30 15W-40 20W-50*4	**G-DLD-1, API CF-4, API CF or ACEA B1 (You may also use API CE or CD)**
N*m *(kgf*cm, ft.*lbf)* Ⓐ	**38** *(387, 28)*	
1 3 5 / 2 4 R	**15.4** *(16.3, 13.5)*	
P R N D 2 L	**Front Heater Only** **14.8** *(15.6, 13.0)* **Front Heater and Rear Heater** **17.6** *(18.6, 15.5)* **Front Heater with Viscous Heater** **15.2** *(16.1, 13.4)* **18.0** *(19.0, 15.4)* *2	
Liter *(US qts, Imp. qts)*		

*1 Initialization required. Refer to the repair manual for the initialization procedures.
*2: Front Heater and Rear Heater with Viscous Heater *3: 0W-30 is best choice for fuel economy and good starting in cold weather.
*4: 5W-30 is best choice for fuel economy and good starting in cold weather.

TOYOTA MOTOR CORPORATION Technical Service Division