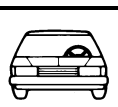
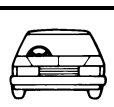
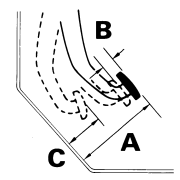
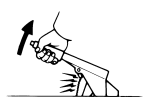
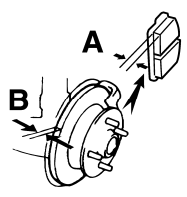
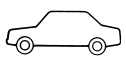
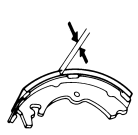
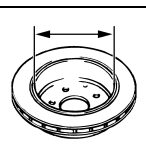
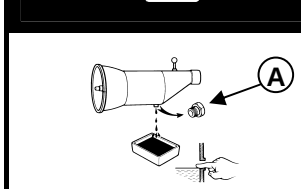
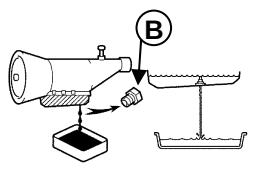
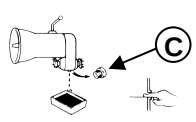
	A	**162.7 to 172.7** *(6.41 to 6.79)*	**164.8 to 174.8** *(6.49 to 6.88)*
	B	**5 to 15** *(0.197 to 0.591)*	
	C	**20** *(0.787)*	
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT3**	

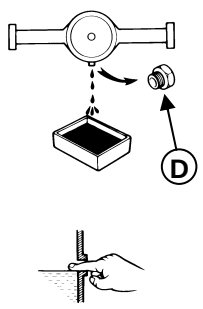


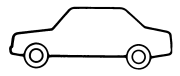
			
	A	**147.1 to 157.1** *(5.80 to 6.18)*	**149.1 to 159.1** *(5.87 to 6.26)*
	B	**1 to 6** *(0.0394 to 0.236)*	
	C*1	**67** *(2.64)*	**67.5** *(2.66)*
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT3**	

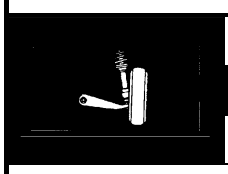
 **200 N** *(20 kgf, 45 lbf)*		**5 to 7**
 **mm** *(in.)*		
	A	**1.0** *(0.0394)*
	B	**29.0** *(1.15)* / **16.0** *(0.630)*
 **mm** *(in.)*		**1.0** *(0.0394)*
 **mm** *(in.)*		**241** *(9.48)*

		**GRJ**	**UZJ**	**URJ**
	1 3 5 / 2 4 R	**3.0** *(3.2, 2.6)*	-	
		API GL-4 or GL-5 SAE 75W-90	-	
Liter *(US qts, Imp. qts)* **N*m** *(kgf*cm, ft.*lbf)*	A	**37** *(380, 27)*	-	
		***2**		***3**
Liter *(US qts, Imp. qts)*		**Toyota Genuine ATF WS**		
N*m *(kgf*cm, ft.*lbf)*	B	**20** *(204, 15)*		

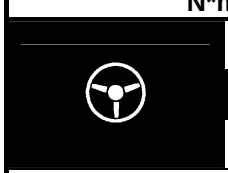
 **Liter** *(US qts, Imp. qts)*		**1.4 to 1.5** *(1.47 to 1.59, 1.23 to 1.32)*
		Toyota Genuine Transfer Gear Oil LF SAE 75W or equivalent
N*m *(kgf*cm, ft.*lbf)*	C	**37** *(377, 27)*



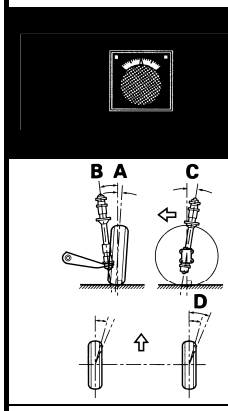
		
Liter *(US qts, Imp. qts)*		**1.85 to 1.95** *(1.96 to 2.06, 1.63 to 1.71)* **w/ LSD** **w/ Differential Lock** **4.10 to 4.20** *(4.34 to 4.43, 3.60 to 3.69)*
		Toyota Genuine Differential gear oil LT 75W-85 GL-5 or equivalent **w/ LSD** Toyota Genuine Differential gear oil LX 75W-85 GL-5 or equivalent
N*m *(kgf*cm, ft.*lbf)*	D	**39** *(400, 29)* / **49** *(500, 36)*

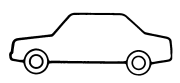


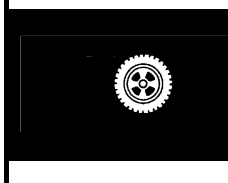
	GRJ, UZJ, URJ
N*m *(kgf*cm, ft.*lbf)*	**131** (*1336, 97*)***4** **209** (*2131, 154*)***5**

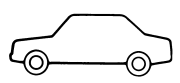


	GRJ, UZJ, URJ
mm *(in.)*	**30** *(1.18)*



			
	A	**Please refer to Repair Manual (Specifications / Alignment / Handling Diagnosis)**	-
	B		
	C		
	D		
	E+F		
	G-H **mm** *(in.)*		



	
kPa *(kgf/cm², 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, UZJ200
URJ200

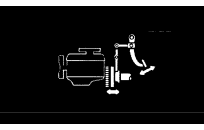
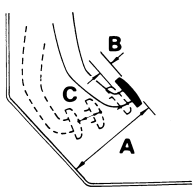
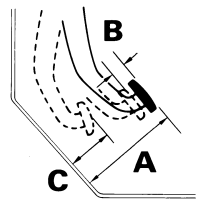
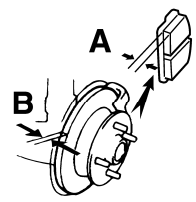
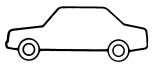
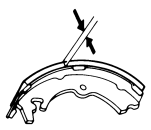
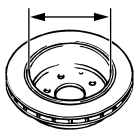
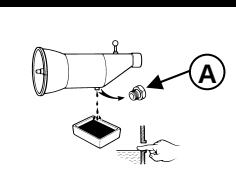
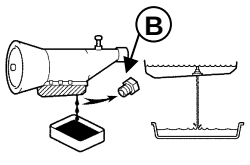
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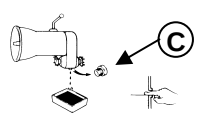
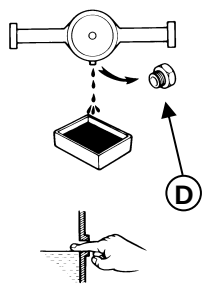
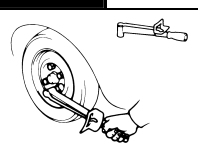
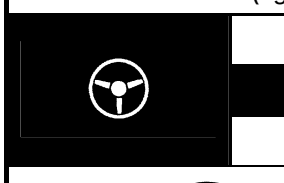
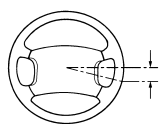
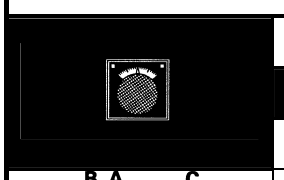
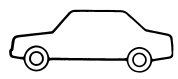
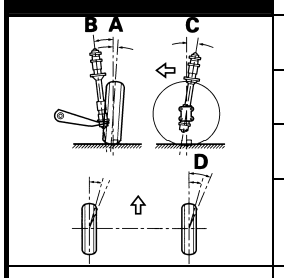
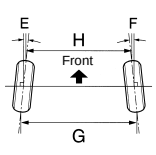
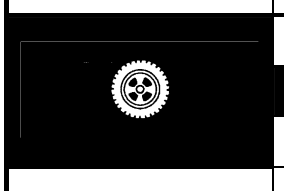
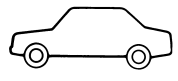
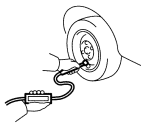
		GRJ, URJ, UZJ		
*1		**Parking Assist Monitor System**		
20°C *(68°F)*		**1.25 to 1.29**		
		1GR-FE	**2UZ-FE**	**3UR-FE**
	cc *(cu. in.)*	**3956** *(241.4)*	**4664** *(284.5)*	**5663** *(345.6)*
A	**DENSO**	**K20HR-U11**	**SK20HR11**	**SK20HR11**
A	**NGK**	**LFR6C11**	**IFR6A11**	-
A	**A mm** *(in.)*	**1.0 to 1.1** *(0.0394 to 0.0433)*		
BTDC		**8 to 12°*2** [DLC3 terminals 13 (TC) and 4 (CG) connected]	**5 to 15°*2** [DLC3 terminals 13 (TC) and 4 (CG) connected]	**8 to 12°*2** [DLC3 terminals 13 (TC) and 4 (CG) connected]
mm *(in.)*		**0.15 to 0.25** *(0.00591 to 0.00984)*		-
		0.29 to 0.39 *(0.0114 to 0.0154)*	**0.25 to 0.35** *(0.00984 to 0.0138)*	
[DLC3 terminal 9 (TAC) connected] **rpm**		**650 to 750*2**		

kPa *(kgf/cm², psi)*		**1300** *(13.3, 189)*	↑ **1373** *(14.0, 199)*	↑ **1300** *(13.3, 189)*
		1000 *(10.2, 145)*	**1030** *(10.5, 149)*	**1000** *(10.2, 145)*
		100 *(1.0, 15)*	↓ **98** *(1.0, 14.2)*	↓ **100** *(1.0, 15)*
kPa *(kgf/cm², psi)*		↑ **29** *(0.3, 4.2)*		↑ **70** *(0.7, 10.1)*
	rpm	↑ **294 to 588** *(3.0 to 6.0, 43 to 85)*6		↑ **220** *(2.2, 32)* *5
		1GR-FE	**2UZ-FE**	**3UR-FE**
A		**4.9** *(5.2, 4.3)*	**5.7** *(6.0, 5.0)*	**7.1** *(7.5, 6.2)*
A		**5.2** *(5.5, 4.6)*	**6.2** *(6.6, 5.5)*	**7.5** *(7.9, 6.6)*
Liter *(US qts, Imp. qts)*		**5W-30 and 10W-30: API grade SL "Energy-Conserving", SM "Energy-Conserving", SN "Resource-Conserving" or ILSAC*4 multigrade engine oil** **15W-40 and 20W-50: API grade SL, SM or SN multigrade engine oil**	**10W-30*3: API grade SL "Energy-Conserving", SM "Energy-Conserving" or ILSAC*4 multigrade engine oil** **10W-30: API grade SL and SM multigrade engine oil** **15W-40 and 20W-50: API grade SL and SM multigrade engine oil**	**5W-30 and 10W-30: API grade SL "Energy-Conserving", API grade SM "Energy-Conserving" or ILSAC*4 multigrade engine oil** **15W-40 and 20W-50: API grade SL and SM multigrade engine oil**
N*m *(kgf*cm, ft.*lbf)*	A	**40** *(408, 30)*	**39** *(398, 29)*	**40** *(408, 30)*
	1 3 5 / 2 4 R	**w/o Rear Heater** **12.0** *(12.7, 10.6)* **w/ Rear Heater** **14.6** *(15.4, 12.8)*	-	
Liter *(US qts, Imp. qts)*		**w/o Rear Heater** **11.2** *(11.8, 9.9)* **w/ Rear Heater** **14.4** *(15.2, 12.7)*	**w/o Transmission Oil Cooler Front Heater Only** **13.4** *(14.2, 11.8)* **Front and Rear Heater** **16.3** *(17.2, 14.3)* **w/ Transmission Oil Cooler Front Heater Only** **14.1** *(14.9, 12.4)* **Front and Rear Heater** **16.9** *(17.9, 14.9)*	**w/o Rear Heater** **13.4** *(14.2, 11.8)* **w/ Rear Heater** **16.2** *(17.1, 14.3)*

*1: Initialization required. Refer to the repair manual for the initialization procedures.
*2: Transmission in neutral position and A/C switch OFF. *3: 10W-30 is the best choice for good fuel economy and good starting in cold weather.
*4: International Lubricant Standardization and Approval Committee *5: 2500 rpm *6: 3000 rpm

TOYOTA MOTOR CORPORATION Technical Service Division

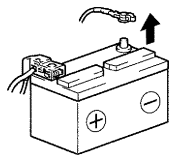
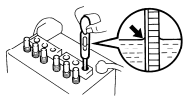
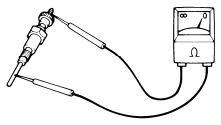
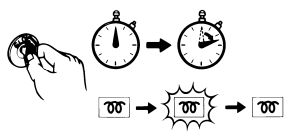
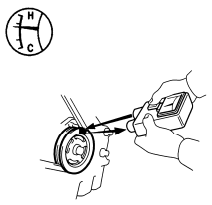
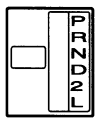
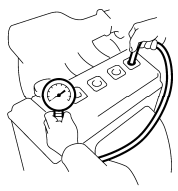
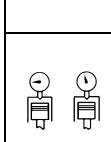
			
 mm *(in.)*	A	**162.7 to 172.7** *(6.41 to 6.79)*	**164.8 to 174.8** *(6.49 to 6.88)*
	B	**5 to 15** *(0.197 to 0.591)*	
	C	⇧ **20** *(0.787)*	
		**SAE J1703 or FMVSS No. 116 DOT3**	
			
 mm *(in.)*	A	**147.1 to 157.1** *(5.80 to 6.18)*	**149.1 to 159.1** *(5.87 to 6.26)*
	B	**1.0 to 6.0** *(0.0394 to 0.236)*	
	C*1	⇧ **67** *(2.64)*	⇧ **67.5** *(2.66)*
		**SAE J1703 or FMVSS No. 116 DOT3**	
 mm *(in.)*		**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**	
 Liter *(US qts, Imp. qts)*		**3.0** *(3.2, 2.6)*	
		API GL-4 or GL-5 SAE 75W-90	
N*m *(kgf*cm, ft.*lbf)*	A	**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)*	B	**20** *(204, 15)*	

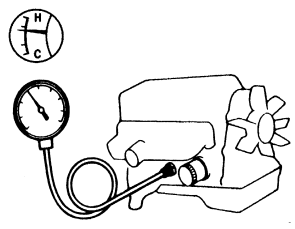
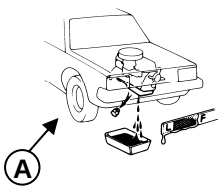
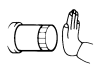
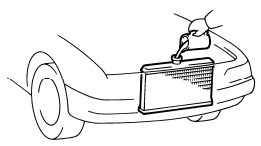
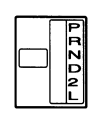
 Liter *(US qts, Imp. qts)*	C	**1.4 to 1.5** *(1.47 to 1.59, 1.23 to 1.32)*	
		Toyota Genuine Transfer Gear Oil LF SAE 75W or equivalent	
N*m *(kgf*cm, ft.*lbf)*	C	**37** *(377, 27)*	
 Liter *(US qts, Imp. qts)*			
		Standard **4.15 to 4.25** *(4.39 to 4.49, 3.66 to 3.74)* **w/ LSD** **w/ Differential Lock** **4.10 to 4.20** *(4.34 to 4.43, 3.60 to 3.69)*	**1.85 to 1.95** *(1.96 to 2.06, 1.63 to 1.71)*
		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	Toyota Genuine Differential gear oil LT 75W-85 GL-5 or equivalent
N*m *(kgf*cm, ft.*lbf)*	D	**49** *(500, 36)*	**39** *(400, 29)*
		**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

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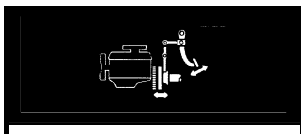
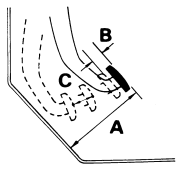
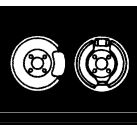
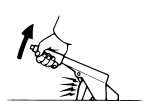
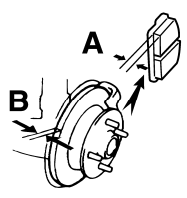
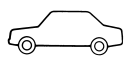
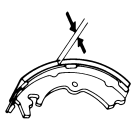
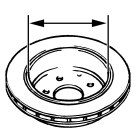
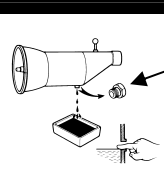
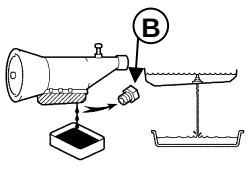
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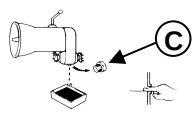
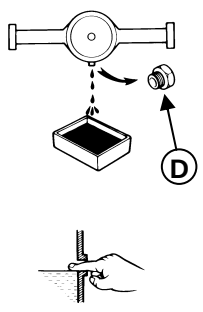
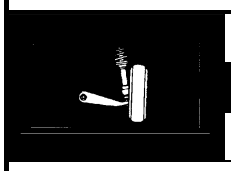
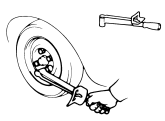
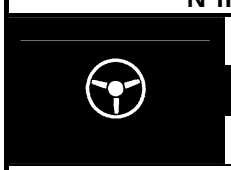
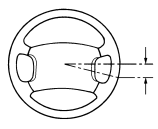
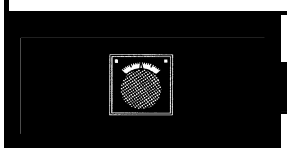
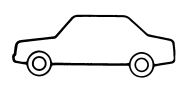
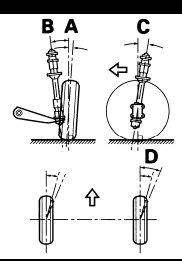
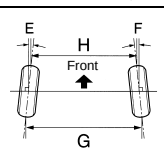
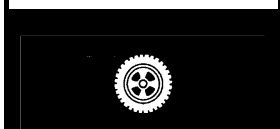
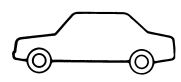
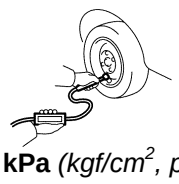
		VDJ
		***1** **Parking Assist Monitor System**
 **20°C** *(68°F)*		**1.25 to 1.29**
		1VD-FTV
cc *(cu. in.)*		**4461** *(272.2)*
20°C *(68°F)*  **Ohm**		**Approximately 1.0**
 **sec.**		**40°C** *(104°F)*:**1**
		40°C *(104°F)*: **Maximum 21**
 **rpm**	 1 3 5 2 4 R	**500 to 600** [DLC3 terminal 9 (TAC) connected]
	 P R N D 2 L	**550 to 650** [DLC3 terminal 9 (TAC) connected]
		**4700 to 4900** [DLC3 terminal 9 (TAC) connected]
 **kPa** *(kgf/cm²*, *psi)*		**2700** *(27.5, 392)*
		**2200** *(22.4, 319)*
		**500** *(5.1, 73)*

 **kPa** *(kgf/cm²*, *psi)*		**50** *(0.5, 7.3)*
	2500 rpm 	**230** *(2.3, 33)*
		VDJ
 **Liter** *(US qts, Imp. qts)*		**8.2** *(8.7, 7.2)*
		**9.2** *(9.7, 8.1)*
		5W-30*3, 10W-30, 15W-40 and 20W-50: 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)*
Liter *(US qts, Imp. qts)*	 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)**2 **18.0** *(19.0, 15.4)*

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

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)*	
mm *(in.)*	**C**	⬆ **20** *(0.787)*	
		**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)*	
mm *(in.)*	**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**	
			
	A	⬆ **1.0** *(0.0394)*	
mm *(in.)*	**B**	⬆ **29.0** *(1.15)*	⬆ **16.0** *(0.630)*
 **mm** *(in.)*		⬆ **1.0** *(0.0394)*	
 **mm** *(in.)*		⬇ **241** *(9.48)*	
		GRJ	**URJ**
	1 3 5 / 2 4 R	**3.0** *(3.2, 2.6)*	-
		API GL-4 or GL-5 SAE 75W-90	-
Liter *(US qts, Imp. qts)*	**A**	**37** *(380, 27)*	-
N*m *(kgf*cm, ft.*lbf)*			
		***2**	***3**
Liter *(US qts, Imp. qts)*		**Toyota Genuine ATF WS**	
N*m *(kgf*cm, ft.*lbf)*	**B**	**20** *(204, 15)*	

		**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	
Liter *(US qts, Imp. qts)* **N*m** *(kgf*cm, ft.*lbf)*	**C**	**37** *(377, 27)*	
			
		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)*
Liter *(US qts, Imp. qts)*		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)*	**D**	**39** *(400, 29)*	**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**	**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: 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 2012/01 -

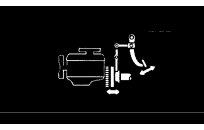
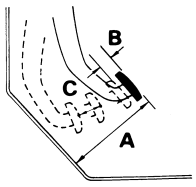
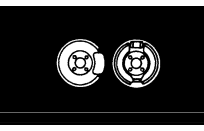
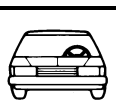
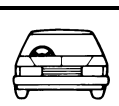
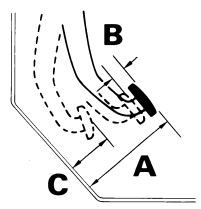
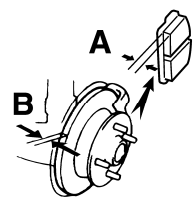
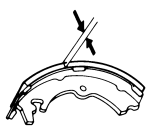
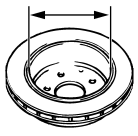
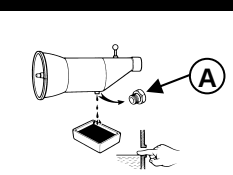
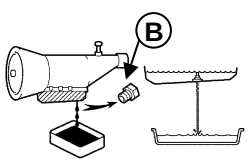
		GRJ	URJ
*1		Parking Assist Monitor System	
		-	Power Back Door System
		Air Conditioning System	
20°C *(68°F)*		1.25 to 1.29	

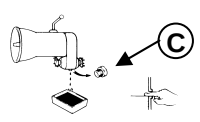
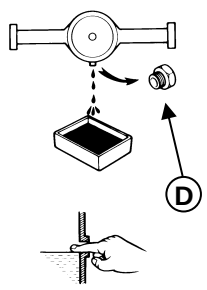
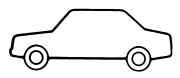
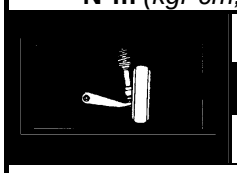
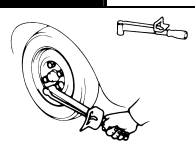
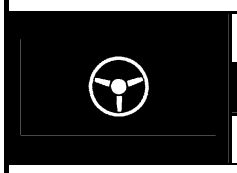
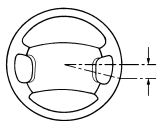
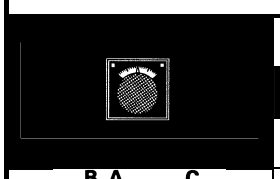
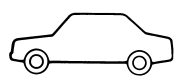
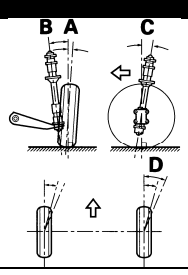
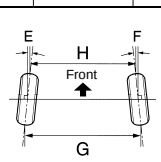
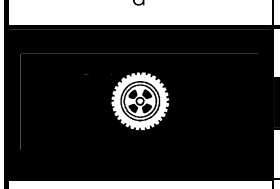
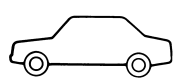
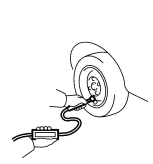
		1GR-FE	1UR-FE	3UR-FE
	cc *(cu. in.)*	**3956** *(241.4)*	**4608** *(281.1)*	**5663** *(345.6)*
	DENSO	**SK20HR11**		
A	**A** **mm** *(in.)*	**1.0 to 1.1** *(0.0394 to 0.0433)*		
BTDC		**8 to 12°*2** [DLC3 terminals 13 (TC) and 4 (CG) connected]		
mm *(in.)*		-		
		-		
[DLC3 terminal 9 (TAC) connected] **rpm**		**690 to 790*2**	**650 to 750*2**	

kPa *(kgf/cm²*, *psi)*		**1400** *(14.3, 203)*	⇧ **1300** *(13.3, 189)*	
		1000 *(10.2, 145)*		
		100 *(1.0, 15)*	⇩ **100** *(1.0, 15)*	
kPa *(kgf/cm²*, *psi)*	**rpm**	⇧ **200** *(2.0, 29)**6	⇧ **220** *(2.2, 32)* *5	

		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*7, 5W-20*7, 5W-30 and 10W-30: API grade SL "Energy-Conserving", SM "Energy-Conserving", SN "Resource-Conserving" or ILSAC*4 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*4 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", API grade SM "Energy-Conserving" or ILSAC*4 multigrade engine oil** **15W-40 and 20W-50: API grade SL and SM 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)*	***7**	**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: 10W-30 is the best choice for good fuel economy and good starting in cold weather.
*4: International Lubricant Standardization and Approval Committee *5: 2500 rpm *6: 3000 rpm *7: for China

			
 **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	**1.0 to 6.0** *(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**	
 **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**	
 **Liter** *(US qts, Imp. qts)* **N*m** *(kgf*cm, ft.*lbf)*		**5 to 7**	
		3.0 *(3.2, 2.6)*	
		API GL-4 or GL-5 SAE 75W-90	
	(A)	**37** *(380, 27)*	
 **Liter** *(US qts, Imp. qts)* **N*m** *(kgf*cm, ft.*lbf)*		**Please refer to Repair Manual (AB60F Automatic Transmission / Transaxle / Automatic Transmission Fluid)**	
		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	
	(C)	**37** *(377, 27)*	
 **Liter** *(US qts, Imp. qts)* **N*m** *(kgf*cm, ft.*lbf)*			
		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
	(D)	**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 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: for Aluminum Wheel *3: for Steel Wheel

LAND CRUISER Station Wagon

Diesel VDJ200 2012/01 -

	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)*
kPa *(kgf/cm², psi)*	**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, 13.6)*	
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