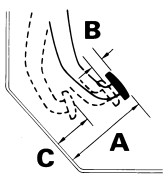
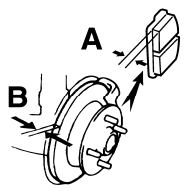
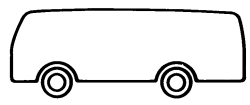
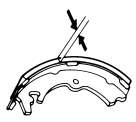
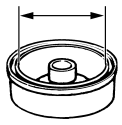
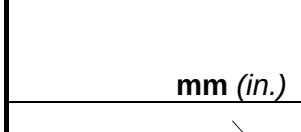
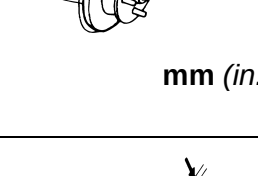
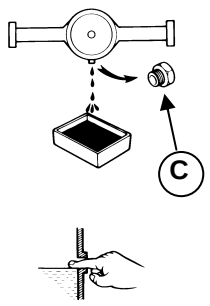
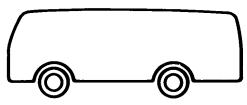
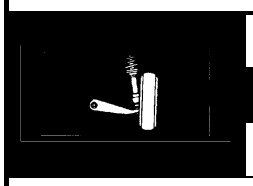
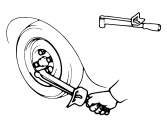
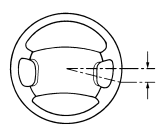
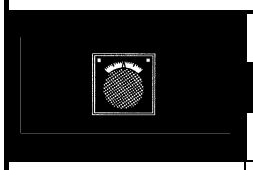
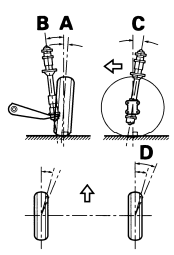
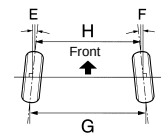
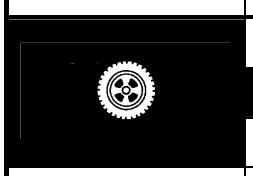
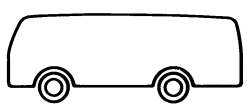
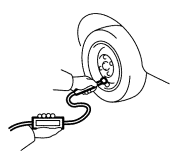
	A	**157.3 to 167.3** *(6.193 to 6.587)*	**160.5 to 170.5** *(6.319 to 6.713)*
	B	**5 to 15** *(0.197 to 0.590)*	
	C	⬆ **25** *(0.98)*	
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT3 or equivalent**	
			
	A	**151.0 to 161.0** *(5.945 to 6.339)*	**154.0 to 164.0** *(6.063 to 6.457)*
	B	**1.0 to 6.0** *(0.039 to 0.236)*	
	C*1	⬆ **117** *(4.61)*	⬆ **120** *(4.72)*
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT3 or equivalent**	
 **200 N** *(20 kgf, 44 lbf)*		**10 to 16 clicks**	
 **mm** *(in.)*			
	A	⬆ **1.0** *(0.039)*	
	B	⬆ **26.0** *(1.024)*	
 **mm** *(in.)*		⬆ **1.0** *(0.0394)*	
 **mm** *(in.)*		⬇ **256***(10.079)*2* ⬇ **297***(11.692)*3*	
		**TRH**	
	1 3 5 / 2 4 R	**2.6** *(2.7, 2.3)*	
Liter *(US qts, Imp. qts)*		**API GL-4 SAE 75W-90**	
N*m *(kgf*cm, ft.*lbf)*	Ⓐ	**37** *(377, 27)*	
		**8.3** *(8.8, 7.3)*4*	**7.9** *(8.3, 7.0)*5*
Liter *(US qts, Imp. qts)*		**Toyota Genuine ATF TYPE T-IV or equivalent**	
N*m *(kgf*cm, ft.*lbf)*	Ⓑ	**20** *(205, 15)*	

			
Liter *(US qts, Imp. qts)*		**Standard body** **3.10** *(3.28, 2.73)* **Wide body** **3.25** *(3.43, 2.86)*	
		Toyota Genuine Differential Gear Oil API GL-5 or equivalent **SAE 90:** (⬆ -18°C (*0°F*)) **SAE 80W or 80W-90:** (⬇ -18°C(*0°F*))	
N*m *(kgf*cm, ft.*lbf)*	Ⓒ	**49** *(500, 36)*	
		**TRH**	
 **N*m** *(kgf*cm, ft.*lbf)*		**100** (*1020, 74*)	
		**TRH**	
 **mm** *(in.)*		⬇ **30** *(1.18)*	
		**TRH**	
	A	**Please refer to Repair Manual (Service Specifications / Suspension)**	**-**
	B		
	C		
	D		
	E+F		
	G-H **mm** *(in.)*		
			
 **kPa** *(kgf/cm^2, psi)*		**Please refer to Repair Manual (Service Specifications / Tire and Wheel)**	

*1: When brake pedal is depressed with the force of 500 N (51 kgf, 112.5 lbf) while the engine is running.
*2: for 254 mm drum *3: for 295 mm drum *4: for 2TR-FE *5: for 1TR-FE

HIACE

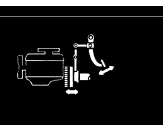
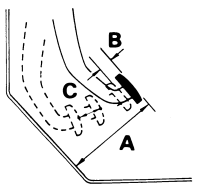
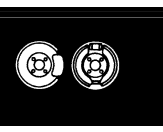
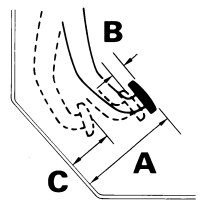
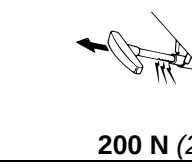
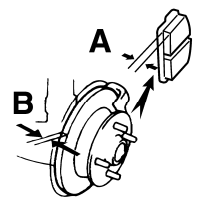
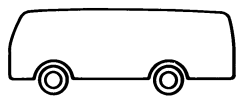
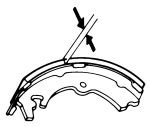
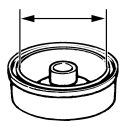
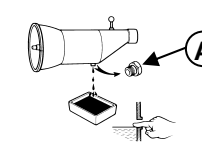
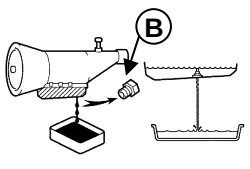
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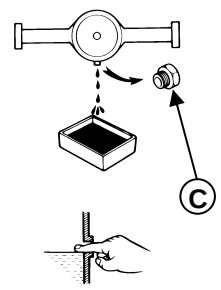
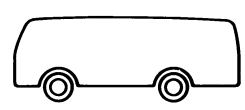
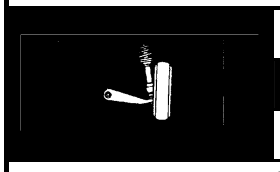
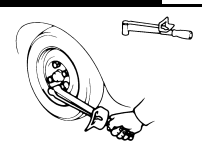
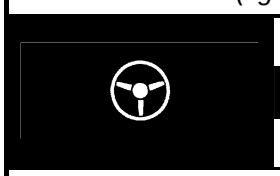
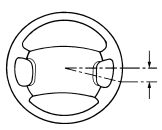
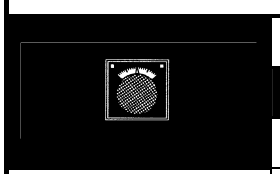
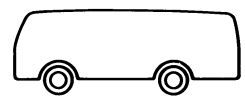
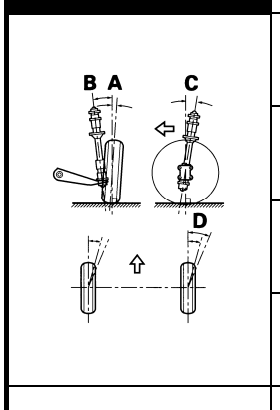
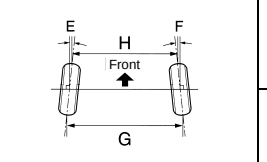
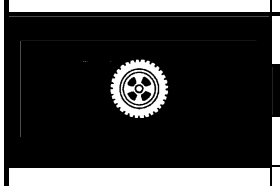
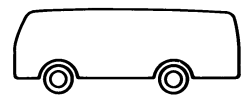
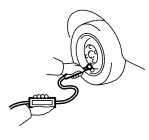
		TRH	
*1		**Power Window Control System**	
		Power Slide Door System	
20°C *(68°F)*		**1.25 to 1.29**	
		2TR-FE	**1TR-FE**
	cc *(cu. in.)*	**2694** *(164.4)*	**1998** *(121.9)*
	DENSO	**SK20HR-A11** *4 / **K20HR-U11***5	**FK20HBR11-T**
	NGK	**-** / **LFR6C-11***5	**-**
A	**A** **mm** *(in.)*	**1.0 to 1.1 mm** *(0.039 to 0.043 in.)* *4 / **1.1** *(0.043)**5	**1.0 to 1.1 mm** *(0.0394 to 0.0433 in.)*
BTDC		**3 to 7°** [DLC3 terminals 13 (TC) and 4 (CG) connected]	
[DLC3 terminal 9 (TAC) connected] **rpm**		**600 to 700***3	**650 to 750***3
KPa *(kgf/cm², psi)*		**1230** *(12.5, 178)*	
		883 *(9.0, 128)*	
		98 *(1.0, 14)*	

kPa *(kgf/cm², psi)*		**29** *(0.3, 4.2)*	
	3000 rpm	**160 to 490** *(1.6 to 5.0, 23 to 71)*	
		2TR-FE	**1TR-FE**
Liter *(US qts, Imp. qts)*		**5.0** *(5.3, 4.4)*	
		5.5 *(5.8, 4.8)*	
		5W-30 and 10W-30: API grade SL "Energy-Conserving", SM "Energy-Conserving", SN "Resource-Conserving" or ILSAC*2 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*2 multigrade engine oil** **15W-40 and 20W-50: API grade SL, SM or SN multigrade engine oil**
N*m *(kgf*cm, ft.*lbf)*	A	**38** *(382, 28)*	
	w/o Rear Heater	**11.2** *(11.8, 9.9)*	**-**
	w/ Rear Heater	**13.2** *(13.9, 11.6)*	**-**
Liter *(US qts, Imp. qts)*	**w/ Front Heater**	**-**	**11.2** *(11.8, 9.9)*

*1: Initialization required. Refer to the repair manual for the initialization procedures.
*2: ILSAC: International Lubricant Standardization and Approval Committee
*3: Transmission in neutral position *4: for Unleaded Gasoline Specification Vehicle
*5: for Leaded Gasoline Specification Vehicle

TOYOTA MOTOR CORPORATION Technical Service Division

			
	A	**157.3 to 167.3** *(6.193 to 6.587)*	**160.5 to 170.5** *(6.319 to 6.713)*
	B	**5 to 15** *(0.197 to 0.590)*	
	C	⬆ **25** *(0.98)*	
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT3 or equivalent**	
			
	A	**151 to 161** *(5.945 to 6.339)*	**154 to 164** *(6.063 to 6.457)*
	B	**1.0 to 6.0** *(0.039 to 0.236)*	
	C*1	⬆ **117** *(4.61)*	⬆ **120** *(4.72)*
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT3 or equivalent**	
 **200 N** *(20 kgf, 44 lbf)*		**10 to 16 clicks**	
			
mm *(in.)*	A	⬆ **1.0** *(0.039)*	
	B	⬆ **26.0** *(1.024)*	
 **mm** *(in.)*		⬆ **1.0** *(0.0394)*	
 **mm** *(in.)*		⬇ **256** *(10.079)*4* ⬇ **297** *(11.692)*5*	
		**KDH, LH**	
		**2.2** *(2.3, 1.9)*2* **2.6** *(2.7, 2.3)*3*	
		API GL-4 SAE 75W-90	
Liter *(US qts, Imp. qts)* **N*m** *(kgf*cm, ft.*lbf)*	Ⓐ	**37** *(377, 27)*	
		**8.3** *(8.8, 7.3)*	
		Toyota Genuine ATF TYPE T-IV or equivalent	
Liter *(US qts, Imp. qts)* **N*m** *(kgf*cm, ft.*lbf)*	Ⓑ	**20** *(204, 15)*	

		
		Standard body **3.10** *(3.28, 2.73)* **Wide body** **3.25** *(3.43, 2.86)*
Liter *(US qts, Imp. qts)*		**Toyota Genuine Differential Gear Oil API GL-5 or equivalent** **SAE 90:** (⬆ -18°C (*0°F*)) **SAE 80W or 80W-90:** (⬇ -18°C(*0°F*))
N*m *(kgf*cm, ft.*lbf)*	Ⓒ	**49** *(500, 36)*
		**KDH, LH**
 **N*m** *(kgf*cm, ft.*lbf)*		**100** *(1020, 74)*
		**KDH, LH**
 **mm** *(in.)*		⬇ **30** *(1.18)*
		
	A	**Please refer to Repair Manual (Service Specifications / Suspension)**
	B	
	C	
	D	
	E+F	
	G-H **mm** *(in.)*	
		
 **kPa** *(kgf/cm^2, psi)*	FRONT	**Please refer to Repair Manual (Service Specifications / Tire and Wheel)**
	REAR	

*1: When brake pedal is depressed with the force of 500 N (51 kgf, 112.5 lbf) while the engine is running.
*2: for G55 *3: for R351 *4: for 254 mm drum *5: for 295 mm drum

HIACE

Diesel

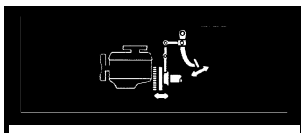
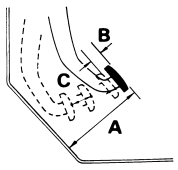
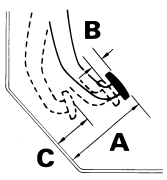
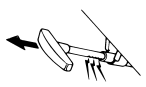
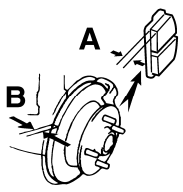
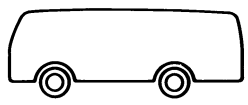
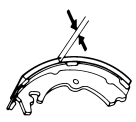
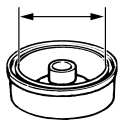
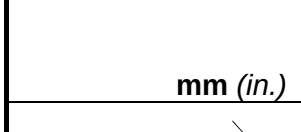
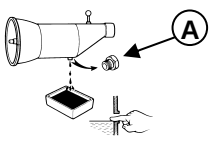
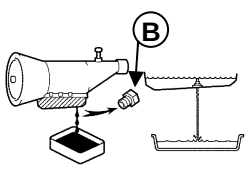
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LH 200, 202, 212, 222

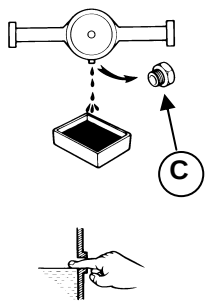
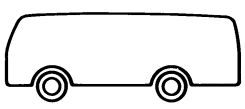
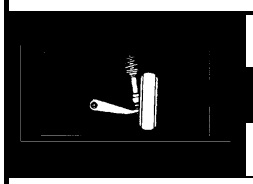
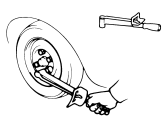
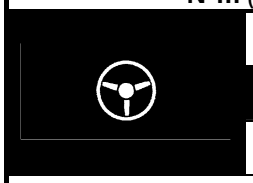
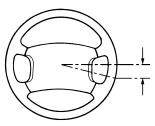
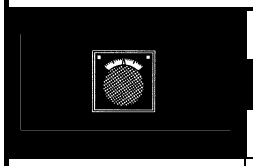
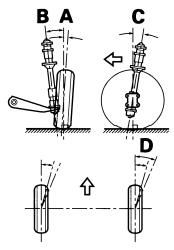
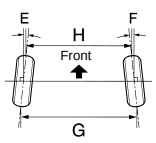
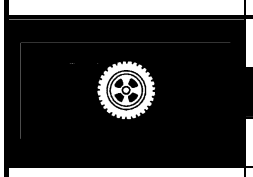
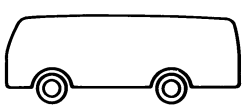
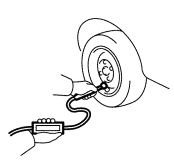
2014/10 - 2015/01

	KDH, LH			
*1	**Power Window Control System**			
	Power Slide Door System			
20°C *(68°F)*	**1.25 to 1.29**			
	1KD-FTV	**2KD-FTV**	**5L-E**	
cc *(cu. in.)*	**2982** *(182.0)*	**2494** *(152.2)*	**2986** *(182.2)*	
	*2 *3		**-**	
mm *(in.)* **N** *(kgf, lbf)* *	**-**	**-**	**7.5 to 9.5** *(0.30 to 0.37)* ***441 to 539** *(45 to 55)*	
	-	**-**	**11 to 15** *(0.43 to 0.59)* ***372 to 608** *(38 to 62)*	
	-	**-**	**7.0 to 10** *(0.28 to 0.39)* ***441 to 539*** *(45 to 55)*	
20°C *(68°F)* **Ohm**	**w/ DPF: 1.2**	**w/o DPF: 0.95**	**0.72**	
↑ **40°C** *(104°F)* **sec.**	**1.0**			
mm *(in.)*	**0.20 to 0.30** *(0.008 to 0.012)*			
	0.35 to 0.45 *(0.014 to 0.018)*		**0.40 to 0.50** *(0.016 to 0.020)*	
rpm	**700 to 800**		**720 to 820*5 750 to 850*6**	
	4500 to 5000		**4850 to 4950**	

kPa *(kgf/cm², psi)*		**2700** *(27.5, 391)*		**3138** *(32.0, 455)*
		↑ **2200** *(22.5, 320)*		↑ **1961** *(20.0, 284)*
		↓ **500** *(5.0, 71)*		↓ **490** *(5.0, 71)*
kPa *(kgf/cm², psi)*		**w/DPF:** ↑ **50** *(0.5, 7.3)*	**w/o DPF:** ↑ **29** *(0.3, 4.2)*	↑ **29** *(0.3, 4.2)*
	2500 rpm	**w/DPF:** ↑ **200** *(2.0, 29)*	**-**	
	3000 rpm	**w/DPF: 250** *(2.5 36)*	**w/o DPF: 245** *(2.5 33)*	**245** *(2.5 36)* **294 to 539** *(3.0 to 5.5, 43 to 78)*
		1KD-FTV	**2KD-FTV**	**5L-E**
Liter *(US qts, Imp. qts)*		**w/DPF: 6.6** *(7.0, 5.8)*	**w/o DPF: 6.8** *(7.2, 6.0)*	**6.3** *(6.7, 5.5)* **6.1** *(6.4, 5.4)*
		w/DPF: 6.8 *(7.2, 6.0)*	**w/o DPF: 7.0** *(7.4, 6.2)*	**6.5** *(6.9, 5.7)* **6.9** *(7.3, 6.1)*
		w/DPF: 0W-30 and 5W-30: ACEA C2 (Using engine oil other than ACEA C2 may damage catalytic converter)	**w/o DPF: 5W-30, 10W-30, 15W-40 and 20W-50: G-DLD1, API CF-4, CF or ACEA B1 (You may also use API CE or CD)**	**5W-30, 10W-30, 15W-40 and 20W-50: G-DLD1 or API grade CF-4, CF (API CE or CD may also be used)** **SAE 5W-30:*4 API grade CF-4 or CF (You may also use API CE or CD)**
N*m *(kgf*cm, ft.*lbf)*	Ⓐ	**34** *(347, 25)*		**35** *(350, 25)*
Liter *(US qts, Imp. qts)*	**w/o Heater**	**13.2** (13.9, 11.6)		**12.3** (13.0, 10.8)
	w/ Front Heater	**14.2** *(15.0, 12.5)*		**13.3** *(14.1, 11.7)*
	w/ Front and Rear Heaters	**16.2** *(17.1, 14.3)*		**15.3** *(16.2, 13.5)*

*1: Initialization required. Refer to the repair manual for the initialization procedures.
*2: New *3: Used *4: SAE 5W-30 is the best choice for your vehicle, for good fuel economy, and good starting in cold weather.
*5: A/C OFF *6: A/C ON

			
	A	**157.3 to 167.3** *(6.193 to 6.587)*	**160.5 to 170.5** *(6.319 to 6.712)*
	B	**5 to 15** *(0.197 to 0.590)*	
	C	⬆ **25** *(0.98)*	
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT3 or equivalent**	
			
	A	**151.0 to 161.0** *(5.945 to 6.339)*	**154.0 to 164.0** *(6.063 to 6.457)*
	B	**1.0 to 6.0** *(0.039 to 0.236)*	
	C*1	⬆ **117** *(4.61)*	⬆ **120** *(4.72)*
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT3 or equivalent**	
 **200 N** *(20 kgf, 44 lbf)*		**10 to 16 clicks*6 12 to 18 clicks*7**	
			
mm *(in.)*	A	⬆ **1.0** *(0.039)*	
	B	⬆ **26.0** *(1.024)*	
 **mm** *(in.)*		⬆ **1.0** *(0.0394)*	
 **mm** *(in.)*		⬇ **256***(10.079)*2* ⬇ **297***(11.692)*3*	
		**TRH**	
		**2.6** *(2.7, 2.3)*	
Liter *(US qts, Imp. qts)*		**API GL-4 SAE 75W-90**	
N*m *(kgf*cm, ft.*lbf)*	Ⓐ	**37** *(377, 27)*	
		**8.3** *(8.8, 7.3)*4*	**7.9** *(8.3, 7.0)*5*
		Toyota Genuine ATF TYPE T-IV or equivalent	**Toyota Genuine ATF WS**
Liter *(US qts, Imp. qts)*	Ⓑ	**20** *(205, 15)*	
N*m *(kgf*cm, ft.*lbf)*			

			
Liter *(US qts, Imp. qts)*		**Standard body 3.10** *(3.28, 2.73)* **Wide body 3.25** *(3.43, 2.86)*	
		Toyota Genuine Differential Gear Oil API GL-5 or equivalent SAE 90: (⬆ -18°C (*0°F*)) **SAE 80W or 80W-90:** (⬇ -18°C(*0°F*))	
N*m *(kgf*cm, ft.*lbf)*	Ⓒ	**49** *(500, 36)*	
		**TRH**	
 **N*m** *(kgf*cm, ft.*lbf)*		**100** (*1020, 74*)	
		**TRH**	
 **mm** *(in.)*		⬇ **30** *(1.18)*	
		**TRH**	
	A B C D	**Please refer to Repair Manual (Service Specifications / Suspension)**	**-**
	E+F G-H		
mm *(in.)*			
			
 **kPa** *(kgf/cm^2, psi)*		**Please refer to Repair Manual (Service Specifications / Tire and Wheel)**	

*1: When brake pedal is depressed with the force of 500 N (51 kgf, 112.5 lbf) while the engine is running.
*2: for 254 mm drum *3: for 295 mm drum *4: for A343E *5: for AC60E
*6: except Super Long Wheelbase *7: for Super Long Wheelbase

HIACE

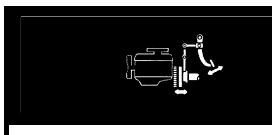
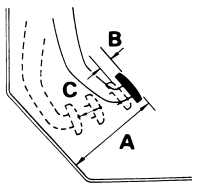
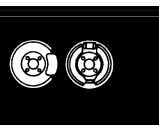
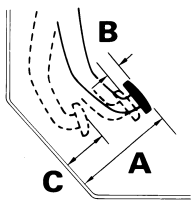
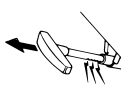
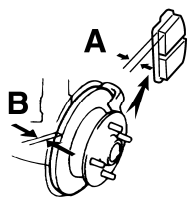
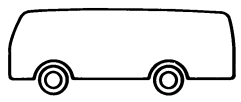
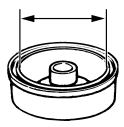
TRH200, 201, 203, 213, 221, 223 | 2015/01 – 2015/12

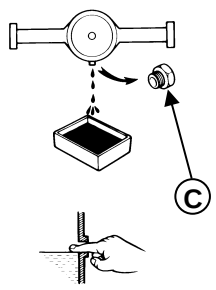
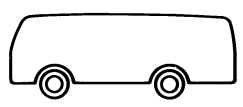
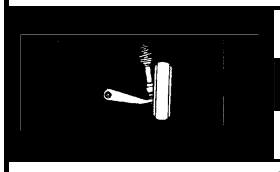
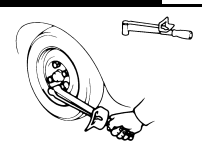
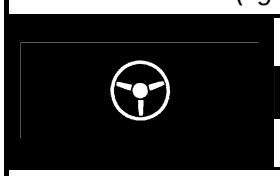
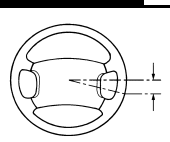
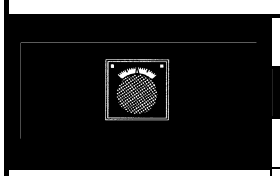
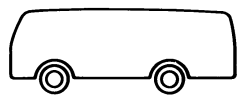
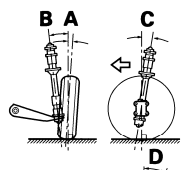
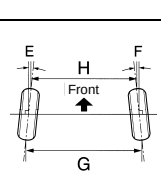
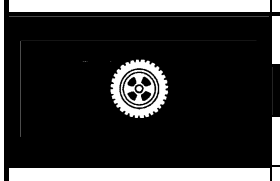
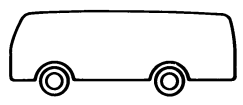
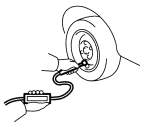
	TRH		
***1**	**Power Window Control System**		
	Power Slide Door System		
20°C *(68°F)*	**1.25 to 1.29**		
	2TR-FE		**1TR-FE**
cc *(cu. in.)*	**2694** *(164.4)*		**1998** *(121.9)*
DENSO	**FK20HR-A8***4	**SK20HR-A11*** 5	**FK20HBR-TJ** 8
NGK	**-**	**-**	**-**
A **mm** *(in.)*	**0.7 to 0.8 mm** *(0.0276 to 0.0315 in.)* *4	**1.0 to 1.1 mm** *(0.0394 to 0.0433 in.)* *5	**0.7 to 0.8 mm** *(0.0276 to 0.0315 in.)*
BTDC	**3 to 7°** [DLC3 terminals 13 (TC) and 4 (CG) connected]		
rpm	[DLC3 terminal 9 (TAC) connected]	**600 to 700*3**	**650 to 750*3**
KPa *(kgf/cm², psi)*	**1230** *(12.5, 178)*		
	883 *(9.0, 128)*		
	98 *(1.0, 14)*		

kPa *(kgf/cm², psi)*	**3000 rpm**	**29** *(0.3, 4.2)*	
		160 to 490 *(1.6 to 5.0, 23 to 71)*	
		2TR-FE	**1TR-FE**
Liter *(US qts, Imp. qts)*		**4.9** *(5.2, 4.3)*	
		5.3 *(5.6, 4.7)*	
		0W-20, 5W-20, 5W-30 and 10W-30: API grade SL "Energy-Conserving", SM "Energy-Conserving", SN "Resource-Conserving" or ILSAC*2 multigrade engine oil **15W-40: API grade SL, SM or SN multigrade engine oil**	
N*m *(kgf*cm, ft.*lbf)*	**A**	**38** *(382, 28)*	
Liter *(US qts, Imp. qts)*	**w/o Rear Heater**	**11.2** *(11.8, 9.9)*	**-**
	w/ Rear Heater	**13.2** *(13.9, 11.6)*	**-**
	w/ Front Heater	**-**	**11.2** *(11.8, 9.9)*

*1: Initialization required. Refer to the repair manual for the initialization procedures.
*2: ILSAC: International Lubricant Standardization and Approval Committee
*3: Transmission in neutral position *4: w/ Dual VVT-i
*5: w/o Dual VVT-i

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	A	**157.3 to 167.3** *(6.193 to 6.587)*	**160.5 to 170.5** *(6.319 to 6.712)*
	B	**5 to 15** *(0.197 to 0.590)*	
	C	⬆ **25** *(0.98)*	
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT3 or equivalent**	
			
	A	**151 to 161** *(5.945 to 6.339)*	**154 to 164** *(6.063 to 6.457)*
	B	**1.0 to 6.0** *(0.039 to 0.236)*	
	C*1	⬆ **117** *(4.61)*	⬆ **120** *(4.72)*
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT3 or equivalent**	
 **200 N** *(20 kgf, 44 lbf)*		**10 to 16 clicks*6** **12 to 18 clicks*7**	
 **mm** *(in.)*			
	A	⬆ **1.0** *(0.039)*	
	B	⬆ **26.0** *(1.024)*	
 **mm** *(in.)*		⬆ **1.0** *(0.0394)*	
 **mm** *(in.)*		⬇ **256** *(10.079)*4* ⬇ **297** *(11.692)*5*	
		**KDH, LH**	
		2.2 *(2.3, 1.9)*2* **2.6** *(2.7, 2.3)*3*	
		API GL-4 SAE 75W-90	
Liter *(US qts, Imp. qts)* **N*m** *(kgf*cm, ft.*lbf)*	Ⓐ	**37** *(377, 27)*	
		**8.3** *(8.8, 7.3)*	
Liter *(US qts, Imp. qts)* **N*m** *(kgf*cm, ft.*lbf)*	Ⓑ	**20** *(204, 15)*	

		
		Standard body **3.10** *(3.28, 2.73)* **Wide body** **3.25** *(3.43, 2.86)*
Liter *(US qts, Imp. qts)*		**Toyota Genuine Differential Gear Oil API GL-5 or equivalent** **SAE 90:** (⬆ -18°C (*0°F*)) **SAE 80W or 80W-90:** (⬇ -18°C(*0°F*))
N*m *(kgf*cm, ft.*lbf)*	Ⓒ	**49** *(500, 36)*
		**KDH, LH**
 **N*m** *(kgf*cm, ft.*lbf)*		**100** *(1020, 74)*
		**KDH, LH**
 **mm** *(in.)*		⬇ **30** *(1.18)*
		
	A	**Please refer to Repair Manual (Service Specifications / Suspension)**
	B	
	C	
	D	
	E+F	
	G-H **mm** *(in.)*	
		
 **kPa** *(kgf/cm^2, psi)*	FRONT	**Please refer to Repair Manual (Service Specifications / Tire and Wheel)**
	REAR	

*1: When brake pedal is depressed with the force of 500 N (51 kgf, 112.5 lbf) while the engine is running.
*2: for G55 *3: for R351 *4: for 254 mm drum *5: for 295 mm drum
*6: except Super Long Wheelbase *7: for Super Long Wheelbase

HIACE

Diesel

KDH 200, 201, 202, 203, 212, 213, 220, 221, 222, 223
LH 200, 202, 212, 222

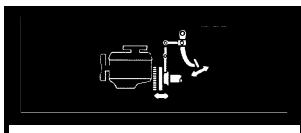
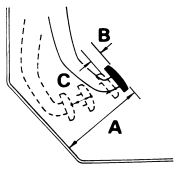
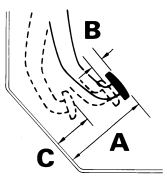
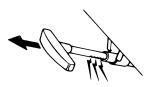
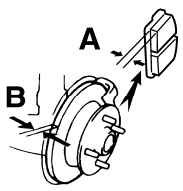
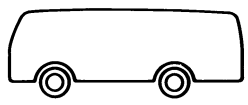
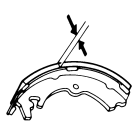
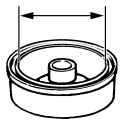
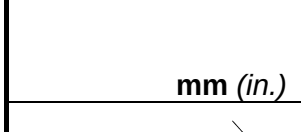
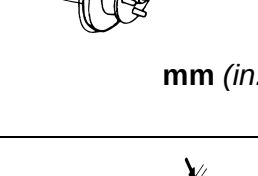
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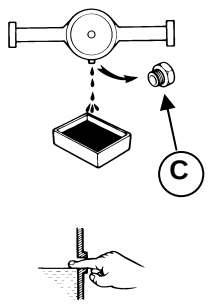
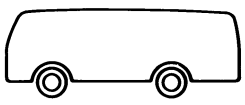
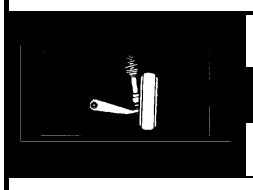
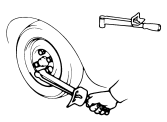
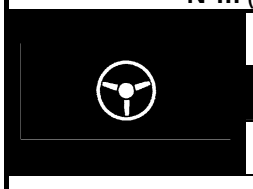
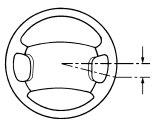
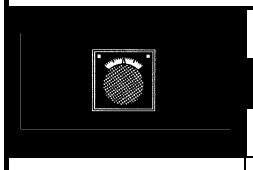
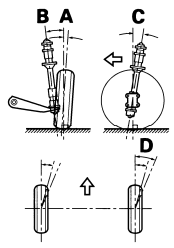
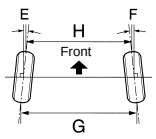
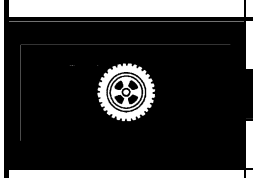
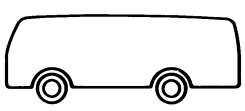
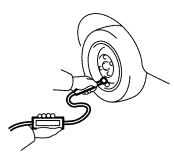
	KDH, LH			
*1	**Power Window Control System**			
	Power Slide Door System			
20°C *(68°F)*	**1.25 to 1.29**			
	1KD-FTV	**2KD-FTV**	**5L-E**	
cc *(cu. in.)*	**2982** *(182.0)*	**2494** *(152.2)*	**2986** *(182.2)*	
	*2 *3		**-**	
mm *(in.)* **N** *(kgf, lbf)* *	**-**	**-**	**7.5 to 9.5** *(0.30 to 0.37)* ***441 to 539** *(45 to 55)*	
	-	**-**	**11 to 15** *(0.43 to 0.59)* ***372 to 608** *(38 to 62)*	
	-	**-**	**7.0 to 10** *(0.28 to 0.39)* ***441 to 539*** *(45 to 55)*	
20°C *(68°F)* **Ohm**	**w/ DPF: 1.2**	**w/o DPF: 0.95**	**0.72**	
↑ **40°C** *(104°F)* **sec.**	**1.0**			
mm *(in.)*	**0.20 to 0.30** *(0.008 to 0.012)*			
	0.35 to 0.45 *(0.014 to 0.018)*		**0.40 to 0.50** *(0.016 to 0.020)*	
rpm	**700 to 800**		**720 to 820*5 750 to 850*6**	
	4500 to 5000		**4850 to 4950**	

kPa *(kgf/cm², psi)*		**2700** *(27.5, 391)*		**3138** *(32.0, 455)*
		↑ **2200** *(22.5, 320)*		↑ **1961** *(20.0, 284)*
		↓ **500** *(5.0, 71)*		↓ **490** *(5.0, 71)*
kPa *(kgf/cm², psi)*		**w/DPF:** ↑ **50** *(0.5, 7.3)*	**w/o DPF:** ↑ **29** *(0.3, 4.2)*	↑ **29** *(0.3, 4.2)*
	2500 rpm	**w/DPF:** ↑ **200** *(2.0, 29)*	**-**	
	3000 rpm	**w/DPF: 250** *(2.5 36)*	**w/o DPF: 245** *(2.5 33)*	**245** *(2.5 36)* **294 to 539** *(3.0 to 5.5, 43 to 78)*
		1KD-FTV	**2KD-FTV**	**5L-E**
Liter *(US qts, Imp. qts)*		**w/DPF: 6.6** *(7.0, 5.8)*	**w/o DPF: 6.8** *(7.2, 6.0)*	**6.3** *(6.7, 5.5)* **6.1** *(6.4, 5.4)*
		w/DPF: 6.8 *(7.2, 6.0)*	**w/o DPF: 7.0** *(7.4, 6.2)*	**6.5** *(6.9, 5.7)* **6.9** *(7.3, 6.1)*
		w/DPF: 0W-30 and 5W-30: ACEA C2 (Using engine oil other than ACEA C2 may damage catalytic converter)	**w/o DPF: 5W-30, 10W-30, 15W-40 and 20W-50: G-DLD1, API CF-4, CF or ACEA B1 (You may also use API CE or CD)**	**5W-30, 10W-30, 15W-40 and 20W-50: G-DLD1 or API grade CF-4, CF (API CE or CD may also be used)** **SAE 5W-30:*4 API grade CF-4 or CF (You may also use API CE or CD)**
N*m *(kgf*cm, ft.*lbf)*	Ⓐ	**34** *(347, 25)*		**35** *(350, 25)*
Liter *(US qts, Imp. qts)*	**w/o Heater**	**13.2** (13.9, 11.6)		**12.3** (13.0, 10.8)
	w/ Front Heater	**14.2** *(15.0, 12.5)*		**13.3** *(14.1, 11.7)*
	w/ Front and Rear Heaters	**16.2** *(17.1, 14.3)*		**15.3** *(16.2, 13.5)*

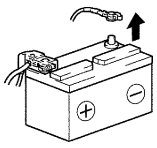
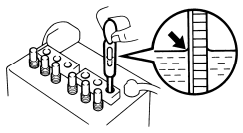
*1: Initialization required. Refer to the repair manual for the initialization procedures.
*2: New *3: Used *4: SAE 5W-30 is the best choice for your vehicle, for good fuel economy, and good starting in cold weather.
*5: A/C OFF *6: A/C ON

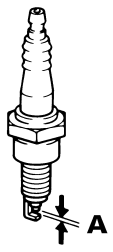
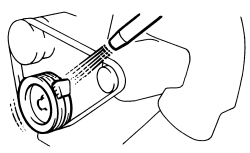
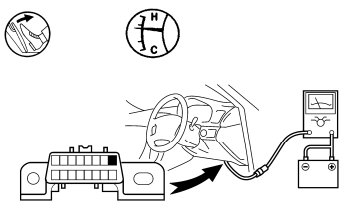
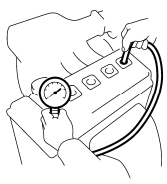
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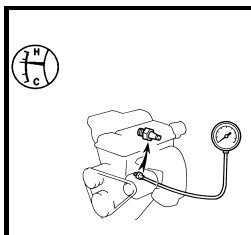
			
	**A**	**157.3 to 167.3** *(6.193 to 6.587)*	**160.5 to 170.5** *(6.319 to 6.712)*
	B	**5 to 15** *(0.197 to 0.590)*	
	C	⬆ **25** *(0.98)*	
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT3 or equivalent**	
			
	**A**	**151.0 to 161.0** *(5.945 to 6.339)*	**154.0 to 164.0** *(6.063 to 6.457)*
	B	**1.0 to 6.0** *(0.039 to 0.236)*	
	C*1	⬆ **117** *(4.61)*	⬆ **120** *(4.72)*
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT3 or equivalent**	
 **200 N** *(20 kgf, 44 lbf)*		**10 to 16 clicks*6 12 to 18 clicks*7**	
 **mm** *(in.)*			
	A	⬆ **1.0** *(0.039)*	
	B	⬆ **26.0** *(1.024)*	
 **mm** *(in.)*		⬆ **1.0** *(0.0394)*	
 **mm** *(in.)*		⬇ **256***(10.079)*2* ⬇ **297***(11.692)*3*	
		**TRH**	
Liter *(US qts, Imp. qts)*		**API GL-4 SAE 75W-90**	
N*m *(kgf*cm, ft.*lbf)*	Ⓐ	**37** *(377, 27)*	
 **Liter** *(US qts, Imp. qts)* **N*m** *(kgf*cm, ft.*lbf)*	 Ⓑ	**8.3** *(8.8, 7.3)*4* / **Toyota Genuine ATF TYPE T-IV or equivalent**	**7.9** *(8.3, 7.0)*5* / **Toyota Genuine ATF WS**
		20 *(205, 15)*	

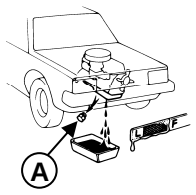
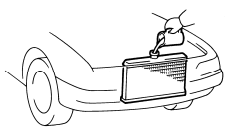
 **Liter** *(US qts, Imp. qts)* **N*m** *(kgf*cm, ft.*lbf)*	Ⓒ	 **Standard body 3.10** *(3.28, 2.73)* **Wide body 3.25** *(3.43, 2.86)*	
		Toyota Genuine Differential Gear Oil API GL-5 or equivalent SAE 90: (⬆ -18°C (*0°F*)) **SAE 80W or 80W-90:** (⬇ -18°C(*0°F*))	
		**TRH**	
 **N*m** *(kgf*cm, ft.*lbf)*		**100** (*1020, 74*)	
		**TRH**	
 **mm** *(in.)*		⬇ **30** *(1.18)*	
		**TRH**	
	**A**	**Please refer to Repair Manual (Service Specifications / Suspension)**	**-**
	B		
	C		
	D		
	**E+F**		
	G-H **mm** *(in.)*		
			
 **kPa** *(kgf/cm^2, psi)*		**Please refer to Repair Manual (Service Specifications / Tire and Wheel)**	

*1: When brake pedal is depressed with the force of 500 N (51 kgf, 112.5 lbf) while the engine is running.
*2: for 254 mm drum *3: for 295 mm drum *4: for A343E *5: for AC60E
*6: except Super Long Wheelbase *7: for Super Long Wheelbase

		TRH	
	***1**	**Power Window Control System**	
		Power Slide Door System	
 **20°C** *(68°F)*		**1.25 to 1.29**	

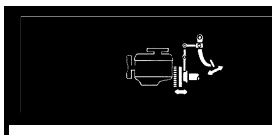
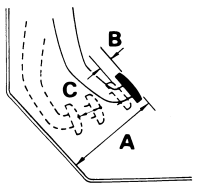
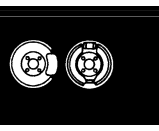
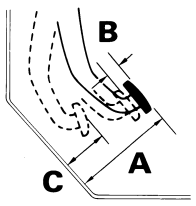
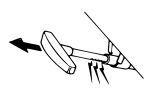
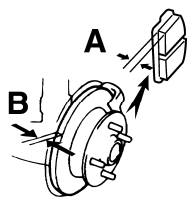
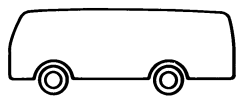
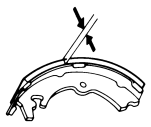
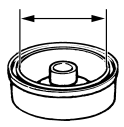
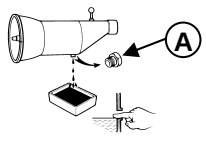
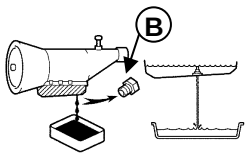
		2TR-FE		**1TR-FE**
	cc *(cu. in.)*	**2694** *(164.4)*		**1998** *(121.9)*
 **A**	**DENSO**	**FK20HR-A8***4	**SK20HR-A11*** 5	**FK20HBR-TJ** 8
	NGK	**-**	**-**	**-**
	A mm *(in.)*	**0.7 to 0.8 mm** *(0.0276 to 0.0315 in.)* *4	**1.0 to 1.1 mm** *(0.0394 to 0.0433 in.)* *5	**0.7 to 0.8 mm** *(0.0276 to 0.0315 in.)*
 **BTDC**		**3 to 7°** [DLC3 terminals 13 (TC) and 4 (CG) connected]		
 [DLC3 terminal 9 (TAC) connected] **rpm**		**600 to 700*3**		**650 to 750*3**
 **KPa** *(kgf/cm², psi)*		**1230** *(12.5, 178)*		
		883 *(9.0, 128)*		
		98 *(1.0, 14)*		

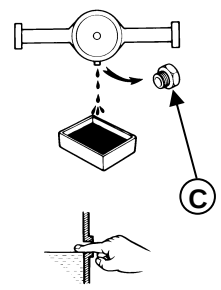
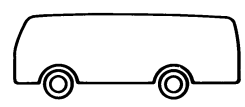
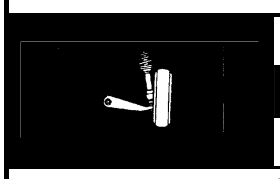
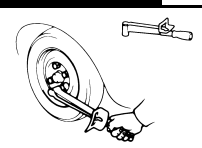
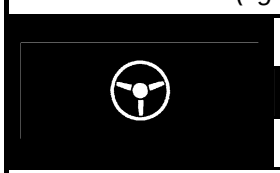
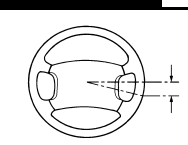
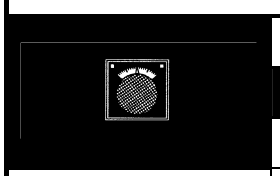
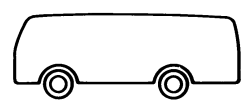
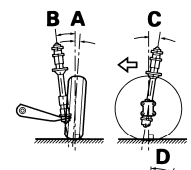
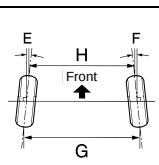
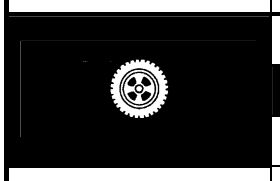
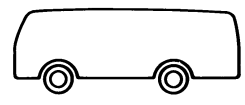
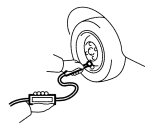
 **kPa** *(kgf/cm², psi)*		**29** *(0.3, 4.2)*	
	3000 rpm	**160 to 490** *(1.6 to 5.0, 23 to 71)*	

		2TR-FE	**1TR-FE**
 **Liter** *(US qts, Imp. qts)*		**4.9** *(5.2, 4.3)*	
		5.3 *(5.6, 4.7)*	
		0W-20, 5W-20, 5W-30 and 10W-30: API grade SL "Energy-Conserving", SM "Energy-Conserving", SN "Resource-Conserving" or ILSAC*2 multigrade engine oil **15W-40: API grade SL, SM or SN multigrade engine oil**	
N*m *(kgf*cm, ft.*lbf)*	**A**	**38** *(382, 28)*	
 **Liter** *(US qts, Imp. qts)*	**w/o Rear Heater**	**11.2** *(11.8, 9.9)*	**-**
	w/ Rear Heater	**13.2** *(13.9, 11.6)*	**-**
	w/ Front Heater	**-**	**11.2** *(11.8, 9.9)*

*1: Initialization required. Refer to the repair manual for the initialization procedures.
*2: ILSAC: International Lubricant Standardization and Approval Committee
*3: Transmission in neutral position *4: w/ Dual VVT-i
*5: w/o Dual VVT-i

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	A	**157.3 to 167.3** *(6.193 to 6.587)*	**160.5 to 170.5** *(6.319 to 6.712)*
	B	**5 to 15** *(0.197 to 0.590)*	
	C	⬆ **25** *(0.98)*	
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT3 or equivalent**	
			
	A	**151 to 161** *(5.945 to 6.339)*	**154 to 164** *(6.063 to 6.457)*
	B	**1.0 to 6.0** *(0.039 to 0.236)*	
	C*1	⬆ **117** *(4.61)*	⬆ **120** *(4.72)*
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT3 or equivalent**	
 **200 N** *(20 kgf, 44 lbf)*		**10 to 16 clicks*6** **12 to 18 clicks*7**	
			
mm *(in.)*	A	⬆ **1.0** *(0.039)*	
	B	⬆ **26.0** *(1.024)*	
 **mm** *(in.)*		⬆ **1.0** *(0.0394)*	
 **mm** *(in.)*		⬇ **256** *(10.079)*4* ⬇ **297** *(11.692)*5*	
		**KDH, LH**	
		**2.2** *(2.3, 1.9)*2* **2.6** *(2.7, 2.3)*3*	
		API GL-4 **SAE 75W-90**	
Liter *(US qts, Imp. qts)*	Ⓐ	***44** (450, 33)*2* ***37** (377, 27)*3*	
N*m *(kgf*cm, ft.*lbf)*			
		**8.3** *(8.8, 7.3)*	
		Toyota Genuine ATF TYPE T-IV or equivalent	
Liter *(US qts, Imp. qts)*	Ⓑ	**20** *(204, 15)*	
N*m *(kgf*cm, ft.*lbf)*			

		
		Standard body **3.10** *(3.28, 2.73)* **Wide body** **3.25** *(3.43, 2.86)*
Liter *(US qts, Imp. qts)*		**Toyota Genuine Differential Gear Oil** **API GL-5 or equivalent** **SAE 90:** (⬆ -18°C (*0°F*)) **SAE 80W or 80W-90:** (⬇ -18°C(*0°F*))
N*m *(kgf*cm, ft.*lbf)*	Ⓒ	**49** *(500, 36)*
		**KDH, LH**
 **N*m** *(kgf*cm, ft.*lbf)*		**100** *(1020, 74)*
		**KDH, LH**
 **mm** *(in.)*		⬇ **30** *(1.18)*
		
	A	**Please refer to Repair Manual (Service Specifications / Suspension)**
	B	
	C	
	D	
	E+F	
	G-H **mm** *(in.)*	
		
 **kPa** *(kgf/cm^2, psi)*	**FRONT**	**Please refer to Repair Manual (Service Specifications / Tire and Wheel)**
	REAR	

*1: When brake pedal is depressed with the force of 500 N (51 kgf, 112.5 lbf) while the engine is running.
*2: for G55 *3: for R351 *4: for 254 mm drum *5: for 295 mm drum
*6: except Super Long Wheelbase *7: for Super Long Wheelbase

HIACE

Diesel

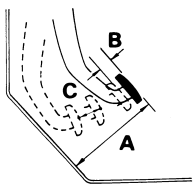
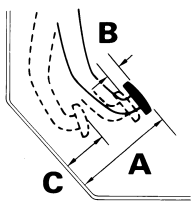
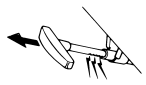
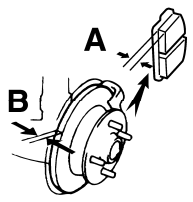
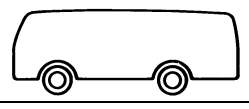
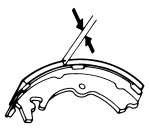
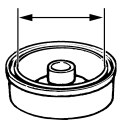
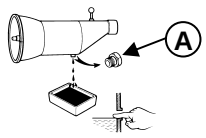
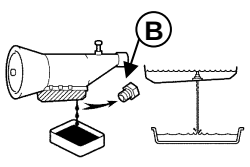
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LH 200, 202, 212, 222

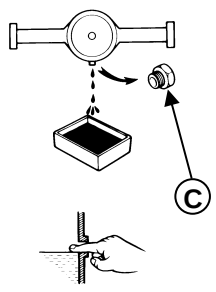
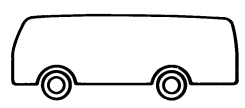
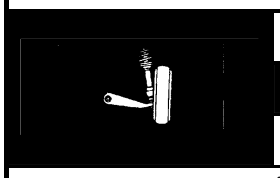
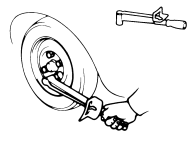
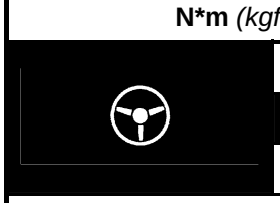
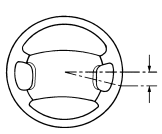
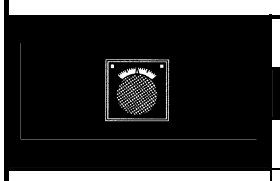
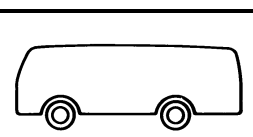
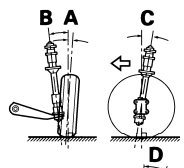
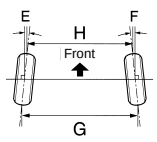
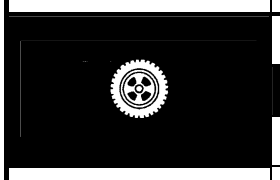
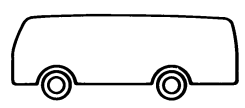
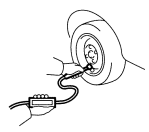
2015/12 - 2017/01

		KDH, LH		
*1		**Power Window Control System**		
		Power Slide Door System		
20°C *(68°F)*		**1.25 to 1.29**		
		1KD-FTV	**2KD-FTV**	**5L-E**
	cc *(cu. in.)*	**2982** *(182.0)*	**2494** *(152.2)*	**2986** *(182.2)*
		*2 *3		-
		-	-	**7.5 to 9.5** *(0.30 to 0.37)* ***441 to 539** *(45 to 55)*
*		-	-	**11 to 15** *(0.43 to 0.59)* ***372 to 608** *(38 to 62)*
mm *(in.)* **N** *(kgf, lbf)*		-	-	**7.0 to 10** *(0.28 to 0.39)* ***441 to 539** *(45 to 55)*
20°C *(68°F)* **Ohm**		**w/ DPF: 1.2**	**w/o DPF: 0.95**	**0.72**
↑ **40°C** *(104°F)* **sec.**		**1.0**		
		0.20 to 0.30 *(0.008 to 0.012)*		
mm *(in.)*		**0.35 to 0.45** *(0.014 to 0.018)*		**0.40 to 0.50** *(0.016 to 0.020)*
rpm		**700 to 800**		**720 to 820*5 750 to 850*6**
		4500 to 4700		**4850 to 4950**

kPa *(kgf/cm², psi)*		**2700** *(27.5, 391)*			**3138** *(32.0, 455)*
		↑ **2200** *(22.5, 320)*			↓ **1961** *(20.0, 284)*
		↓ **500** *(5.0, 71)*			↓ **490** *(5.0, 71)*
kPa *(kgf/cm², psi)*		**w/DPF:** ↑ **50** *(0.5, 7.3)*	**w/o DPF:** ↑ **29** *(0.3, 4.2)*	↑ **29** *(0.3, 4.2)*	
	2500 rpm	**w/DPF:** ↑ **200** *(2.0, 29)*	-		
	3000 rpm	**w/DPF: 250** *(2.5 36)*	**w/o DPF: 245** *(2.5 33)*	**245** *(2.5 36)*	**294 to 539** *(3.0 to 5.5, 43 to 78)*
		1KD-FTV		**2KD-FTV**	**5L-E**
Liter *(US qts, Imp. qts)*		**w/DPF: 6.6** *(7.0, 5.8)*	**w/o DPF: 6.8** *(7.2, 6.0)*	**6.3** *(6.7, 5.5)*	**6.1** *(6.4, 5.4)*
		w/DPF: 6.8 *(7.2, 6.0)*	**w/o DPF: 7.0** *(7.4, 6.2)*	**6.5** *(6.9, 5.7)*	**6.9** *(7.3, 6.1)*
		w/DPF: 0W-30 and 5W-30: ACEA C2 (Using engine oil other than ACEA C2 may damage catalytic converter)	**w/o DPF: 5W-30, 10W-30, 15W-40 and 20W-50: G-DLD1, API CF-4, CF or ACEA B1 (You may also use API CE or CD)**	**5W-30, 10W-30, 15W-40 and 20W-50: G-DLD1 or API grade CF-4, CF (API CE or CD may also be used)**	**SAE 5W-30:*4 API grade CF-4 or CF (You may also use API CE or CD)**
N*m *(kgf*cm, ft.*lbf)*	Ⓐ	**34** *(347, 25)*			**35** *(350, 25)*
Liter *(US qts, Imp. qts)*	**w/o Heater**	**13.2** (13.9, 11.6)			**12.3** (13.0, 10.8)
	w/ Front Heater	**14.2** *(15.0, 12.5)*			**13.3** *(14.1, 11.7)*
	w/ Front and Rear Heaters	**16.2** *(17.1, 14.3)*			**15.3** *(16.2, 13.5)*

*1: Initialization required. Refer to the repair manual for the initialization procedures.
*2: New *3: Used *4: SAE 5W-30 is the best choice for your vehicle, for good fuel economy, and good starting in cold weather.
*5: A/C OFF *6: A/C ON

			
	A	**157.3 to 167.3** *(6.193 to 6.587)*	**160.5 to 170.5** *(6.319 to 6.712)*
	B	**5 to 15** *(0.197 to 0.590)*	
	C	⬆ **25** *(0.98)*	
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT3 or equivalent**	
			
	A	**151 to 161** *(5.945 to 6.339)*	**154 to 164** *(6.063 to 6.457)*
	B	**1.0 to 6.0** *(0.039 to 0.236)*	
	C*1	⬆ **117** *(4.61)*	⬆ **120** *(4.72)*
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT3 or equivalent**	
		**10 to 16 clicks*4** **12 to 18 clicks*5**	
200 N *(20 kgf, 44 lbf)*			
			
	A	⬆ **1.0** *(0.039)*	
mm *(in.)*	B	⬆ **26.0** *(1.024)*	
		⬆ **1.0** *(0.0394)*	
mm *(in.)*			
		⬇ **256** *(10.079)*2 ⬇ **297** *(11.692)*3	
mm *(in.)*			
		**KDH, LH, GDH**	
		G55	**R351**
	1 3 5 / 2 4 R	**2.2** *(2.3, 1.9)*	**2.6** *(2.7, 2.3)*
Liter *(US qts, Imp. qts)*		**Toyota Genuine Manual Transmission Gear Oil API GL-3 (GL-4) or equivalent SAE 75W-90**	**Toyota Genuine Manual Transmission Gear Oil API GL-3 (GL-4) or equivalent SAE 75W-90, 80W or 80W-90:** (⬆ -10°C *(14°F)*) **SAE 75W-90:** (⬇ -10°C *(14°F)*)
N*m *(kgf*cm, ft.*lbf)*	Ⓐ	**44** *(450, 33)*	**37** *(377, 27)*
		**A340E**	**AC60E**
		**8.3** *(8.8, 7.3)*	**7.9** *(8.3, 7.0)*
Liter *(US qts, Imp. qts)*		**Toyota Genuine ATF TYPE T-IV or equivalent**	**Toyota Genuine ATF WS**
N*m *(kgf*cm, ft.*lbf)*	Ⓑ	**20** *(204, 15)*	

		
		Standard body **3.10** *(3.28, 2.73)* **Wide body** **3.25** *(3.43, 2.86)*
Liter *(US qts, Imp. qts)*		**Toyota Genuine Differential Gear Oil API GL-5 or equivalent** **SAE 90:** (⬆ -18°C *(0°F)*) **SAE 80W or 80W-90:** (⬇ -18°C *(0°F)*)
N*m *(kgf*cm, ft.*lbf)*	Ⓒ	**49** *(500, 36)*
		**KDH, LH, GDH**
		**100** *(1020, 74)*
N*m *(kgf*cm, ft.*lbf)*		
		**KDH, LH, GDH**
		⬇ **30** *(1.18)*
mm *(in.)*		
		
	A	**Please refer to Repair Manual (Service Specifications / Suspension)**
	B	
	C	
	D	
	E+F	
	G-H	
	mm *(in.)*	
		
	**FRONT**	**Please refer to Repair Manual (Service Specifications / Tire and Wheel)**
kPa *(kgf/cm^2, psi)*	**REAR**	

*1: When brake pedal is depressed with the force of 500 N (51 kgf, 112.5 lbf) while the engine is running.
*2: for 254 mm drum *3: for 295 mm drum *4: except Super Long Wheelbase *5: for Super Long Wheelbase

HIACE

Diesel

KDH 200, 201, 202, 203, 212, 213, 220, 221, 222, 223
LH 200, 202, 212, 222
GDH201

2017/01 -

		KDH, LH, GDH			
*1		Power Window Control System			
		Power Slide Door System			
20°C *(68°F)*		1.25 to 1.29			
		1GD-FTV	1KD-FTV	2KD-FTV	5L-E
	cc *(cu. in.)*	2755 *(168.1)*	2982 *(182.0)*	2494 *(152.2)*	2986 *(182.2)*
		-	*2 *3		-
*		-	-		7.5 to 9.5 *(0.30 to 0.37)* *441 to 539 *(45 to 55)*
		-	-		11 to 15 *(0.43 to 0.59)* *372 to 608 *(38 to 62)*
mm *(in.)* N *(kgf, lbf)*		-	-		7.0 to 10 *(0.28 to 0.39)* ***441 to 539*** *(45 to 55)*
20°C *(68°F)* Ohm		1.0	w/ DPF: 1.2	0.72	
			w/o DPF: 0.95		
40°C *(104°F)* sec.		1.0			
mm *(in.)*		-	0.20 to 0.30 *(0.008 to 0.012)*		
		-	0.35 to 0.45 *(0.014 to 0.018)*	0.40 to 0.50 *(0.016 to 0.020)*	
rpm		650 to 750	700 to 800	720 to 820*5 750 to 850*6	
		4450 to 4750	4500 to 4700	4850 to 4950	

kPa *(kgf/cm², psi)*		2700 *(27.5, 392)*	2700 *(27.5, 391)*		3138 *(32.0, 455)*
		2200 *(22.4, 319)*	2200 *(22.5, 320)*		1961 *(20.0, 284)*
		500 *(5.1, 73)*	500 *(5.0, 71)*		490 *(5.0, 71)*
kPa *(kgf/cm², psi)*		29 *(0.3, 4.2)*	w/o DPF: 29 *(0.3, 4.2)* w/ DPF: 50 *(0.5, 7.3)*	29 *(0.3, 4.2)*	29 *(0.3, 4.2)*
	2500 rpm	-	w/ DPF: 200 *(2.0, 29)*	-	-
	3000 rpm	245 *(2.5 36)*	w/DPF: 250 *(2.5 36)* w/o DPF: 245 *(2.5 33)*	245 *(2.5 36)*	294 to 539 *(3.0 to 5.5, 43 to 78)*
		1GD-FTV	1KD-FTV	2KD-FTV	5L-E
Liter *(US qts, Imp. qts)*		5.5 *(5.8, 4.8)*	w/ DPF: 6.6 *(7.0, 5.8)* w/o DPF: 6.8 *(7.2, 6.0)*	6.3 *(6.7, 5.5)*	6.1 *(6.4, 5.4)*
		6.1 *(6.4, 5.4)*	w/ DPF: 6.8 *(7.2, 6.0)* w/o DPF: 7.0 *(7.4, 6.2)*	6.5 *(6.9, 5.7)*	6.9 *(7.3, 6.1)*
N*m *(kgf*cm, ft.*lbf)*		0W-30: JASO DL-1 or ACEA C2 (Using engine oil other than ACEA C2 may damage catalytic converter)	w/ DPF: 0W-30 and 5W-30: ACEA C2 (Using engine oil other than ACEA C2 may damage catalytic converter) w/o DPF: 5W-30, 10W-30, 15W-40 and 20W-50: G-DLD1, API CF-4, CF or ACEA B1 (You may also use API CE or CD)	5W-30, 10W-30, 15W-40 and 20W-50: G-DLD1 or API grade CF-4, CF (API CE or CD may also be used)	SAE 5W-30:*4 API grade CF-4 or CF (You may also use API CE or CD)
	A	40 *(408, 30)*	34 *(347, 25)*		35 *(350, 25)*
Liter *(US qts, Imp. qts)*	w/o Heater	-	13.2 (13.9, 11.6)		12.3 (13.0, 10.8)
	w/ Front Heater	13.9 (14.6, 12.2)	14.2 *(15.0, 12.5)*		13.3 *(14.1, 11.7)*
	w/ Front and Rear Heaters	-	16.2 *(17.1, 14.3)*		15.3 *(16.2, 13.5)*

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