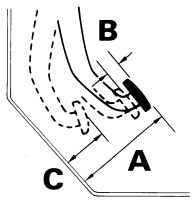
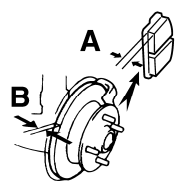
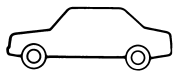
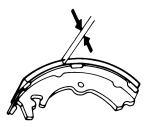
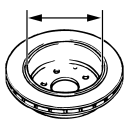
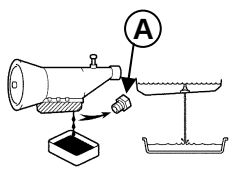
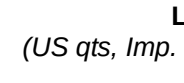
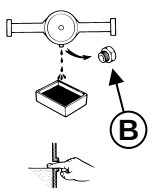
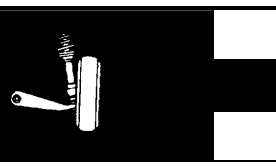
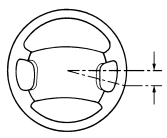
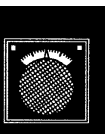
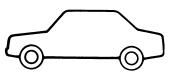
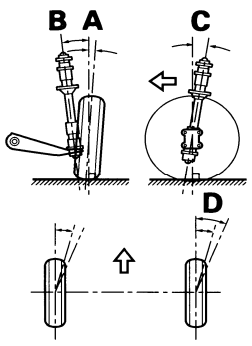
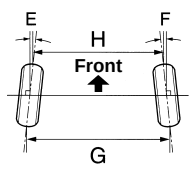
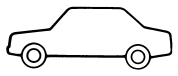
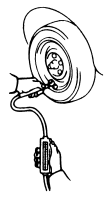
		USK
	A	**179.9 to 189.9** *(7.08 to 7.48)*
	B	**1.0 to 6.0** *(0.0394 to 0.236)*
	C*1	⇧ **104** *(4.09)*
mm *(in.)*		**SAE J1703 or FMVSS No. 116 DOT 3**
 **300 N** *(31 kgf, 67.4 lbf)*		**6 to 9**
 **mm** *(in.)*		
	A	⇧ **1.0** *(0.0394)*
	B	⇧ **29.0** *(1.14)* / ⇧ **16.0** *(0.630)*
 **mm** *(in.)*		⇧ **1.0** *(0.0394)*
 **mm** *(in.)*		⇩ **241** *(9.49)*
		USK
 **Liter** *(US qts, Imp. qts)*		**Refer to Repair Manual Pub. No. RM11Y0E (AB60E Automatic Transmission / Transaxle / Automatic Transmission Fluid)**
		Toyota Genuine ATF WS
 **N*m** *(kgf*cm, ft.*lbf)*	Ⓐ	**20** *(204, 15)*
 **Liter** *(US qts, Imp. qts)*		**1.50 to 1.60** *(1.6 to 1.7, 1.3 to 1.4)*
		Toyota Genuine Differential gear oil LT 75W-85 GL-5 or equivalent
N*m *(kgf*cm, ft.*lbf)*	Ⓑ	**65** *(660, 48)*

			USK	
 **N*m** *(kgf*cm, ft.*lbf)*			**131** *(1336, 97)*	
			USK	
 **mm** *(in.)*			⇩ **30** *(1.18)*	
				
			Coil*2	Air*2	Coil*2	Air*2
	A	USK60L-GKTSKV	**-0°09' +/-45'** *(-0.15° +/-0.75°)*	**-0°08' +/-45'** *(-0.14° +/-0.75°)*	**-1°25' +/-45'** *(-1.42° +/-0.75°)*	**-1°41' +/-45'** *(-1.68° +/-0.75°)*
		USK60L-GKTLKV	**-0°11' +/-45'** *(-0.18° +/-0.75°)*	**-0°10' +/-45'** *(-0.17° +/-0.75°)*		
		USK60L-GKTZKV	**-0°11' +/-45'** *(-0.19° +/-0.75°)*			
	B	USK60L-GKTSKV	**13°10' +/-45'** *(13.17° +/-0.75°)*		-	
		USK60L-GKTLKV	**13°12' +/-45'** *(13.20° +/-0.75°)*	**13°11' +/-45'** *(13.19° +/-0.75°)*		
		USK60L-GKTZKV	**13°13' +/-45'** *(13.21° +/-0.75°)*			
	C	USK60L-GKTSKV	**3°43' +/-45'** *(3.71° +/-0.75°)*	**3°56' +/-45'** *(3.93° +/-0.75°)****3** **3°55' +/-45'** *(3.92° +/-0.75°)****4**		
		USK60L-GKTLKV	**3°48' +/-45'** *(3.80° +/-0.75°)****3** **3°47' +/-45'** *(3.79° +/-0.75°)****4**	**3°57' +/-45'** *(3.95° +/-0.75°)****3** **3°56' +/-45'** *(3.94° +/-0.75°)****4**		
		USK60L-GKTZKV	**3°57' +/-45'** *(3.95° +/-0.75°)*			
	D	USK60L-GKTSKV	**36°23'** *(36.39°)*	**36°24'** *(36.40°)*		
		USK60L-GKTLKV	**36°21'** *(36.35°)*	**36°22'** *(36.36°)*		
		USK60L-GKTZKV	**36°20'** *(36.33°)*			
	E+F		-		**-0°02' +/-4'** *(-0.03° +/-0.07°)*	**-0°01' +/-4'** *(-0.02° +/-0.07°)*
	G-H mm *(in.)*	USK60L-GKTSKV	**2.37** *(0.0933)*	**2.49** *(0.0980)*	**-1.0 +/-2** *(-0.04 +/-0.08)*	**-0.3 +/-2** *(-0.01 +/-0.08)*
		USK60L-GKTLKV	**1.97** *(0.0776)*	**2.06** *(0.0811)*		
		USK60L-GKTZKV	**1.88** *(0.0740)*			
						
 **kPa** *(kgf/cm²*, *psi)*		P275/65R18	**230** *(2.3, 33)*			
		P275/55R20	**210** *(2.1, 30)*	**240** *(2.4, 35)*		

*1: When the brake pedal is depressed with the force of 490 N (50 kgf, 110 lbf) while the engine is running.
*2: Rear Suspension Type *3: P275/65R18 *4: P275/55R20

SEQUOIA

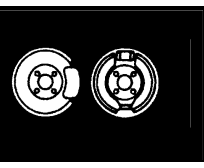
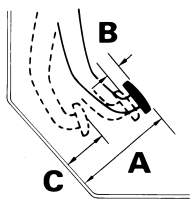
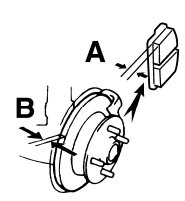
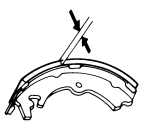
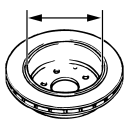
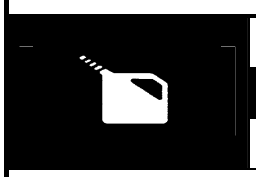
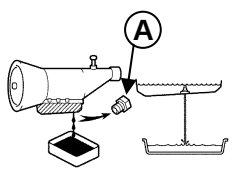
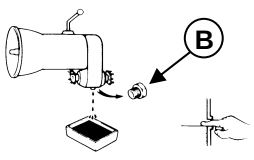
USK60 2008/11 - 2009/11

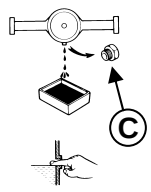
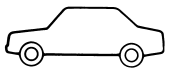
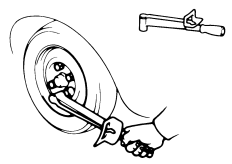
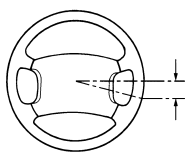
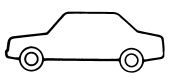
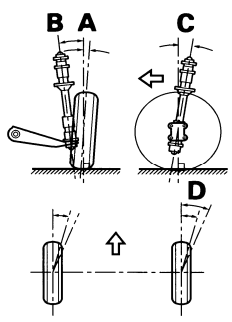
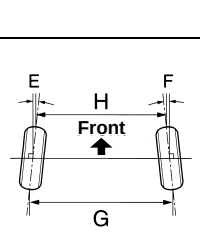
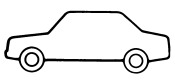
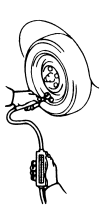
		USK
*1		**Power Back Door System**
		1.25 to 1.29 **20°C** *(68°F)*
		3UR-FE
	cc *(cu. in.)*	**5663** *(345.6)*
		-
	DENSO	**SK20HR11**
A	**NGK**	-
	A **mm** *(in.)*	**New: 1.0 to 1.1** *(0.0394 to 0.0433)* **Used: 1.3** *(0.0512)*
[DLC3 terminals 13 (TC) - 4 (CG) connected]		**8 to 12°** [Transmission in neutral and A/C switch OFF] **BTDC**
		-
		-
[DLC3 Terminal 9 (TAC) Connected]		**650 to 750** [Transmission in neutral and A/C switch OFF] **rpm**

		1300 *(13.3, 189)*
		1000 *(10.2, 145)*
		100 *(1.0, 15)* **kPa** *(kgf/cm²*, *psi)*
		70 *(0.7, 10.1)*
	2500 rpm	**220** *(2.2, 32)* **kPa** *(kgf/cm²*, *psi)*
		3UR-FE
		Refer to Repair Manual Pub. No. RM11Y0E (3UR-FE Lubrication / Oil and Oil Filter / Replacement)
A		**20W-50** **15W-40** **API grade SL or SM multigrade engine oil**
		10W-30 **5W-30*2** **API grade SL "Energy-Conserving", SM "Energy-Conserving" or ILSAC*3 multigrade engine oil** **Liter** *(US qts, Imp. qts)*
	A	**40** *(408, 30)* **N*m** *(kgf*cm, ft.*lbf)*
		14.6 *(15.4, 12.8)* **Liter** *(US qts, Imp. qts)*

*1: Initialization required. Refer to the repair manual for the initialization procedures.
*2: 5W-30 is best choice for fuel economy and good starting in cold weather. *3 ILSAC: International Standardization and Approval Committee

TOYOTA MOTOR CORPORATION Technical Service Division

		**USK**
 **mm** *(in.)*	**A**	**179.9 to 189.9** *(7.08 to 7.48)*
	B	**1.0 to 6.0** *(0.0394 to 0.236)*
	C*1	**104** *(4.09)*
mm *(in.)* 		**SAE J1703 or FMVSS No. 116 DOT 3**
 **300 N** *(31 kgf, 67.4 lbf)*		**6 to 9**
 **mm** *(in.)*		
	A	**1.0** *(0.0394)*
	B	**29.0** *(1.14)* / **16.0** *(0.630)*
 **mm** *(in.)*		**1.0** *(0.0394)*
 **mm** *(in.)*		**241** *(9.49)*
		**USK**
 **Liter** *(US qts, Imp. qts)*	**2WD**	**Refer to Repair Manual Pub. No. RM11Y2E (AB60E Automatic Transmission / Transaxle / Automatic Transmission Fluid)**
	4WD	**Refer to Repair Manual Pub. No. RM11Y2E (AB60F Automatic Transmission / Transaxle / Automatic Transmission Fluid)**
		Toyota Genuine ATF WS
N*m *(kgf*cm, ft.*lbf)*	**A**	**20** *(204, 15)*
 **Liter** *(US qts, Imp. qts)*		**1.29 to 1.41** *(1.36 to 1.49, 1.14 to 1.24)*
		API GL-5 SAE 75W-90
N*m *(kgf*cm, ft.*lbf)*	**B**	**37** *(377, 27)*

 **Liter** *(US qts, Imp. qts)*			
		2.00 to 2.10 *(2.1 to 2.2, 1.7 to 1.8)*	**1.50 to 1.60** *(1.6 to 1.7, 1.3 to 1.4)*
		Toyota Genuine Differential gear oil LT 75W-85 GL-5 or equivalent	
N*m *(kgf*cm, ft.*lbf)*	**C**	**65** *(660, 48)*	
		**USK**	
 **N*m** *(kgf*cm, ft.*lbf)*		**131** *(1336, 97)*	
		**USK**	
 **mm** *(in.)*		**30** *(1.18)*	
			
	**A**	**Refer to Repair Manual Pub. No. RM11Y2E (Specifications)**	
	B		
	C		
	D		
	**E+F**		
	G-H **mm** *(in.)*		
			
 **kPa** *(kgf/cm²*, *psi)*	**P275/65R18**	**230** *(2.3, 33)*	
	P275/55R20	**210** *(2.1, 30)*	**240** *(2.4, 35)*

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

SEQUOIA

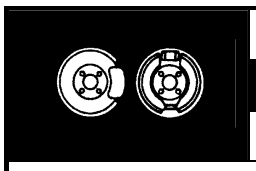
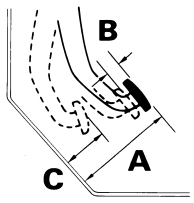
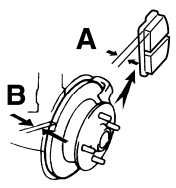
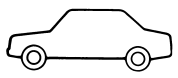
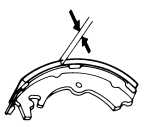
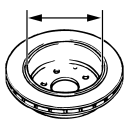
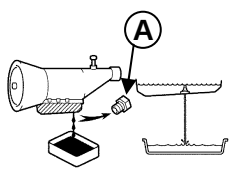
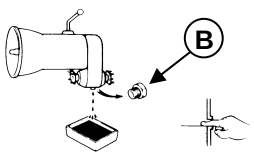
USK60, 65 2009/11 - 2012/08

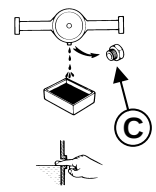
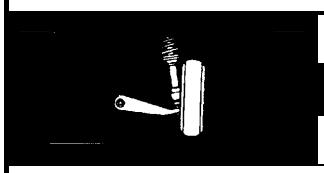
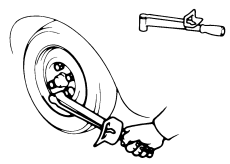
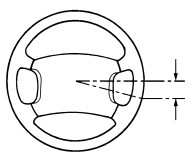
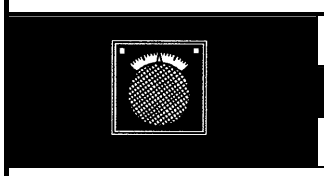
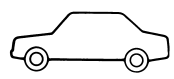
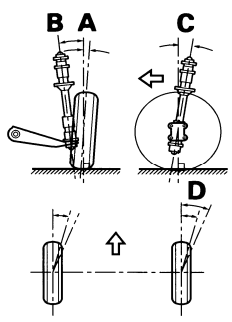
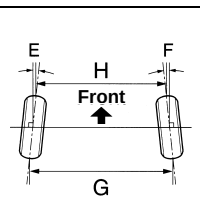
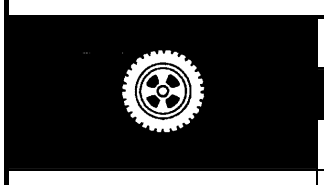
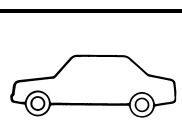
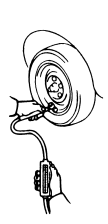
	USK
*1	**Power Back Door System**
20°C *(68°F)*	**1.25 to 1.29**
	3UR-FE
cc *(cu. in.)*	**5663** *(345.6)*
	-
	DENSO **SK20HR11**
	NGK -
A	**A** **mm** *(in.)* **New: 1.0 to 1.1** *(0.0394 to 0.0433)* **Used: 1.3** *(0.0512)*
[DLC3 terminals 13 (TC) - 4 (CG) connected] **BTDC**	**8 to 12°** [Transmission in neutral and A/C switch OFF]
mm *(in.)*	-
	-
[DLC3 Terminal 9 (TAC) Connected] **rpm**	**650 to 750** [Transmission in neutral and A/C switch OFF]

kPa *(kgf/cm²*, *psi)*		**1300** *(13.3, 189)*
		1000 *(10.2, 145)*
		100 *(1.0, 15)*
kPa *(kgf/cm²*, *psi)*		**70** *(0.7, 10.1)*
	2500 rpm	**220** *(2.2, 32)*
		3UR-FE
Liter *(US qts, Imp. qts)*		**Refer to Repair Manual Pub. No. RM11Y2E (3UR-FE Lubrication / Oil and Oil Filter / Replacement)**
		20W-50 15W-40 **API grade SL or SM multigrade engine oil**
		10W-30 5W-30*2 **API grade SL "Energy-Conserving", SM "Energy-Conserving" or ILSAC*3 multigrade engine oil**
N*m *(kgf*cm, ft.*lbf)*	A	**40** *(408, 30)*
Liter *(US qts, Imp. qts)*		**14.6** *(15.4, 12.8)*

*1: Initialization required. Refer to the repair manual for the initialization procedures.
*2: 5W-30 is best choice for fuel economy and good starting in cold weather. *3 ILSAC: International Lubricant Standardization and Approval Committee

TOYOTA MOTOR CORPORATION Technical Service Division

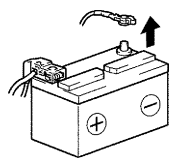
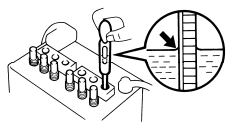
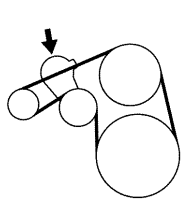
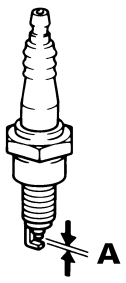
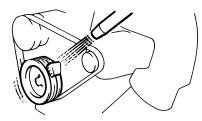
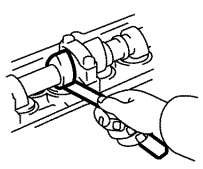
		**USK**
	**A**	**179.9 to 189.9** *(7.08 to 7.48)*
	B	**1.0 to 6.0** *(0.0394 to 0.236)*
	C*1	⇧ **104** *(4.09)*
mm *(in.)* 		**SAE J1703 or FMVSS No. 116 DOT 3**
 **300 N** *(31 kgf, 67.4 lbf)*		**6 to 9**
 **mm** *(in.)*		
	A	⇧ **1.0** *(0.0394)*
	B	⇧ **29.0** *(1.14)* / ⇧ **16.0** *(0.630)*
 **mm** *(in.)*		⇧ **1.0** *(0.0394)*
 **mm** *(in.)*		⇩ **241** *(9.49)*
		**USK**
	**2WD**	**Please refer to Repair Manual (AB60E Automatic Transmission / Transaxle / Automatic Transmission Fluid)**
	4WD	**Please refer to Repair Manual (AB60F Automatic Transmission / Transaxle / Automatic Transmission Fluid)**
Liter *(US qts, Imp. qts)*		**Toyota Genuine ATF WS**
N*m *(kgf*cm, ft.*lbf)*	**A**	**20** *(204, 15)*
 **Liter** *(US qts, Imp. qts)*		**1.29 to 1.41** *(1.36 to 1.49, 1.14 to 1.24)*
		API GL-5 SAE 75W-90
N*m *(kgf*cm, ft.*lbf)*	**B**	**37** *(377, 27)*

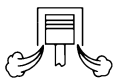
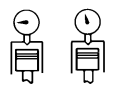
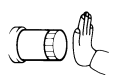
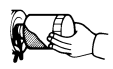
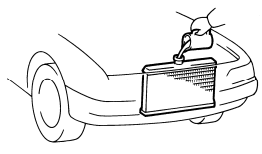
			
		2.00 to 2.10 *(2.1 to 2.2, 1.7 to 1.8)*	**1.50 to 1.60** *(1.6 to 1.7, 1.3 to 1.4)*
Liter *(US qts, Imp. qts)*		**Toyota Genuine Differential gear oil LT 75W-85 GL-5 or equivalent**	
N*m *(kgf*cm, ft.*lbf)*	**C**	**65** *(660, 48)*	
		**USK**	
 **N*m** *(kgf*cm, ft.*lbf)*		**131** *(1336, 97)*	
		**USK**	
 **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)*	**P275/65R18**	**230** *(2.3, 33)*	
	P275/55R20	**210** *(2.1, 30)*	**240** *(2.4, 35)*

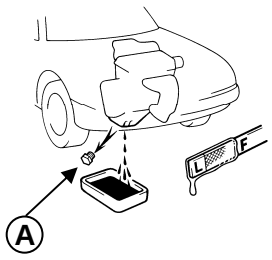
*1: When the brake pedal is depressed with the force of 490 N (50 kgf, 110 lbf) while the engine is running.

SEQUOIA

USK60, 65 2012/08 -

		USK
 *1		**Power Back Door System**
 **20°C** *(68°F)*		**1.25 to 1.29**
		3UR-FE
		-
 A	**DENSO**	**SK20HR11**
	NGK	-
	A **mm** *(in.)*	**New: 1.0 to 1.1** *(0.0394 to 0.0433)* **Used: 1.3** *(0.0512)*
 [DLC3 terminals 13 (TC) - 4 (CG) connected] **BTDC**		**8 to 12°** [Transmission in neutral and A/C switch OFF]
 **mm** *(in.)*		-
		-
[DLC3 Terminal 9 (TAC) Connected] **rpm**		**650 to 750** [Transmission in neutral and A/C switch OFF]

kPa *(kgf/cm²*, *psi)*		**1300** *(13.3, 189)*
		⬆ **1000** *(10.2, 145)*
		⬇ **100** *(1.0, 15)*
kPa *(kgf/cm²*, *psi)*		⬆ **70** *(0.7, 10.1)*
	2500 rpm 	⬆ **220** *(2.2, 32)*
		3UR-FE
Liter *(US qts, Imp. qts)*		**7.1** *(7.5, 6.2)*
		**7.5** *(7.9, 6.6)*
	15W-40 20W-50	**API grade SL, SM or SN multigrade engine oil**
	5W-30*2 10W-30	**API grade SL "energy-conserving", SM "energy-conserving", SN "resource-conserving" or ILSAC*3 multigrade engine oil**
N*m *(kgf*cm, ft.*lbf)*	Ⓐ	**40** *(408, 30)*
Liter *(US qts, Imp. qts)*		**14.6** *(15.4, 12.8)*



*1: Initialization required. Refer to the repair manual for the initialization procedures.
*2: 5W-30 is the best choice for fuel economy and good starting in cold weather. *3 ILSAC: International Lubricant Standardization and Approval Committee