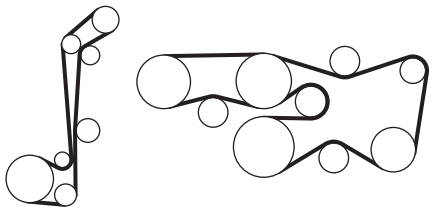
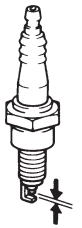
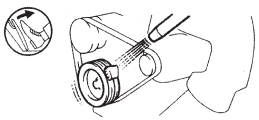
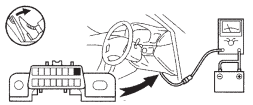
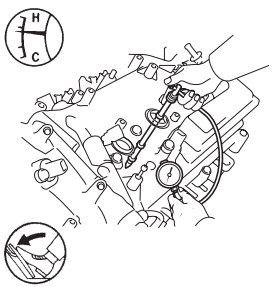
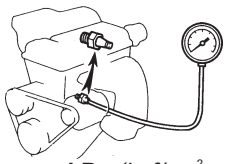
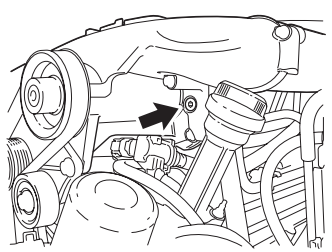
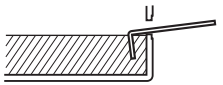
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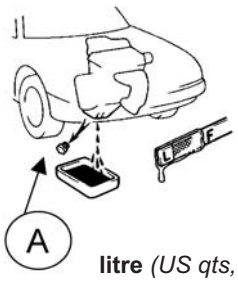
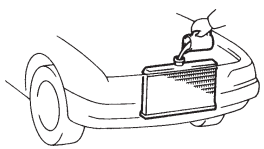
TRD HILUX GGN25

TOYOTA GENUINE
PARTS, SERVICE & ACCESSORIES

	cm³ or CC *(cu in)*	**1GR-FE SUPERCHARGED**
		3956 *(241.4)*
		Self-adjusting
 A	DENSO	**Iridium Tough VHK20**
	A **mm** *(in)*	**1.1** *(0.043)*
	M ohms	⬆ **10**
 **BTDC**	**7-24°**	**w/ Intelligent Tester** Connect tester to DLC3
	8-12°	**w/o Intelligent Tester** Connect terminals 13 (TC) and 4 (CG) of DLC3
 **rpm**		**650-750** **w/ Intelligent Tester** Connect tester to DLC3
		w/o Intelligent Tester Connect tachometer to terminal 9 (TAC) of DLC3
 **kPa** *(kgf/cm², psi)*		**1300** *(13.3, 189)*
		⬆ **1000** *(10.2, 145)*
		⬇ **100** *(1.0, 15)*

 **kPa** *(kgf/cm², psi)*		⬆ **29** *(0.3, 4.2)*
	3000 rpm 	⬆ **294-588** *(3.0-6.0, 43-85)*

	 **Level with opening**
	Eaton supercharger gearcase oil 17190-8Y004

 A **litre** *(US qts, Imp. qts)*		**5.2** *(5.5, 4.6)*
		**5.5** *(5.8, 4.8)*
		20W-50 and 15W-40: API grade SL, SM Multigrade engine oil, or 10W-30 and 5W-30 API grade SL and SM "Energy Conserving" multigrade engine oil.
Nm *(kgf, lbf)*	**A**	**40** *(408, 30)*
 **litre** *(US qts, Imp. qts)*	Cooling System:	**9.8** *(10.4, 8.6)*
	Intercooler System:	**3.2** *(3.4, 2.8)*
		Toyota Super Long Life Coolant

March 2008

TOYOTA

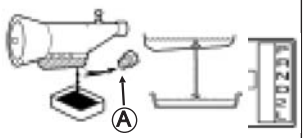
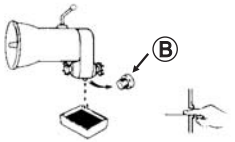
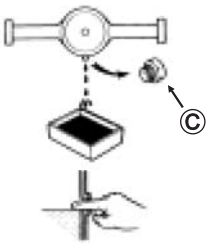
SDS

TRD

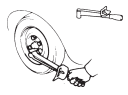
HILUX GGN25

TOYOTA GENUINE
PARTS, SERVICE & ACCESSORIES

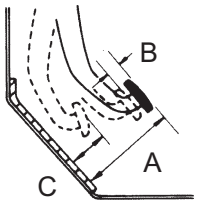
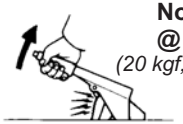
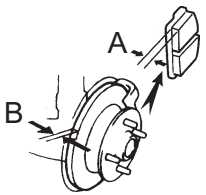
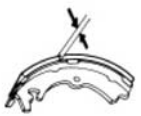
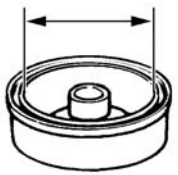
Engine Oil

 litre *(US qts, Imp. qts)*	**REFILL:** **Up to 3.0** *(3.2, 2.6)*
Toyota Genuine ATF WS ATF JWS3324 or NWS9638	
 litre *(US qts, Imp. qts)*	**1.0** *(1.1, 0.9)*
Hypoid gear oil API GL-4 or GL-5 SAE 75W-90	
 litre *(US qts, Imp. qts)*	Front: **1.7** *(1.8, 1.5)*
	Rear: **3.4** *(3.6, 3.0)*
Hypoid gear oil API GL-4 or GL-5 (LSD for rear) ⬆ -18°C (0°F) SAE 90 ⬇ -18°C (0°F) SAE 80W or 80W-90	
A **Nm** *(kgf, lbf)*	**20.0** *(204, 15)*
B **Nm** *(kgf, lbf)*	**37.0** *(377, 27)*
C **Nm** *(kgf, lbf)*	**49.0** *(500, 36)*

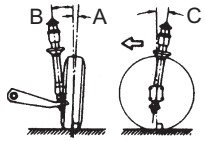
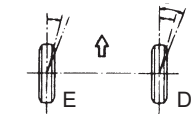
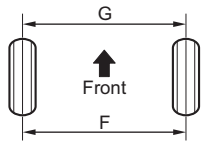
Tightening Torque

 **Nm** *(kgf cm, lbf ft)*	**105** *(1070, 77)*

Brake

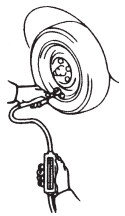
	**A**	**179.6-189.6** *(7.07-7.46)*
	B	**5-15** *(0.20-0.60)*
	C*	⬆ **25.0** *(.98)*
mm *(in)* * **@ 490 N** *(50 kgf, 110 lbf)* * *with engine running*		**SAE J1703 or J1704, FMVSS No. 116 DOT3 or DOT4**
 **Notches @ 200 N** *(20 kgf, 45 lbf)*		**7-9**
 **mm** *(in)*	**A**	⬆ **1.0** *(0.039)*
	B	⬆ **26** *(1.024)*
 **mm** *(in)*		⬆ **1.0** *(0.039)*
 **mm** *(in)*		⬇ **297.0** *(11.7)*

Wheel Alignment

	**A**	**-0°36' ±12'** *(L-R difference 20' or less)*
	B	**-12°04' ±30'** *(L-R difference 30' or less)*
 Outside Inside	**C**	**2°30' ±12'** *(L-R difference 20' or less)*
	D	**36°30' +1°/-2°**
	E	**33°30'** *(Reference)*
 **mm**	**F-G**	**5 ±0.5**

Wheel and Tyre

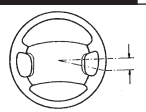
265/65 R17 112S



kPa *(kgf/cm², psi)* Cold tyre pressures

	⬇ 140 km/h	⬆ 140 km/h
Up to 4 Occupants and 200 kg load	**220** *(2.2, 32)*	**250** *(2.5, 36)*
More than 4 Occupants and 200 kg load	**250** *(2.5, 36)*	**250** *(2.5, 36)*

Steering

 **mm** *(in)*	⬇ **30** *(1.18)*
	ATF Dexron II or III