


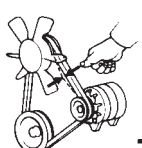




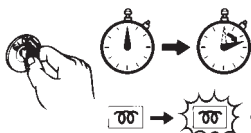
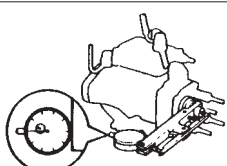
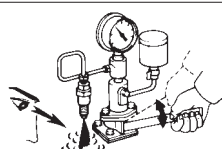
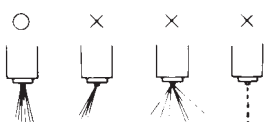
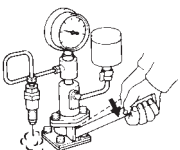

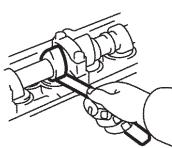



SDS

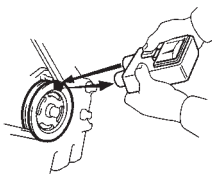

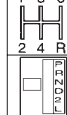



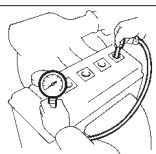



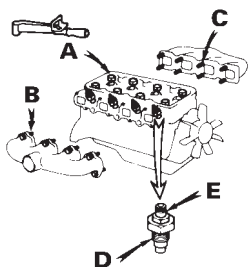
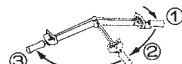
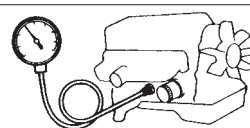






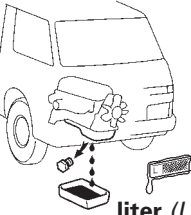
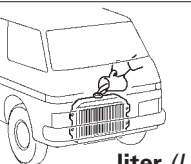
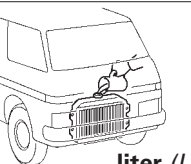
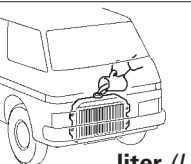
TOYOTA Hiace Diesel

LH102, 104, 112, 114, 154, 162, 164,
166, 168, 172, 174, 176, 178, 184

Jan. '03

		2L	5L	5L-E
cm ³ or CC (cu. in.)		2446 (149.3)	2986 (182.2)	
 mm (in.)		10–14 (0.39–0.55) ※196–343 (20–35)		
		15–21 (0.59–0.83) ※392–588 (40–60)		
		9–13 (0.35–0.51) ※196–343 (20–35)		
 20°C (68°F) Ω		0.72		
 20°C (68°F) secs		5	※ 1 3 Others 5	3
 mm (in.)		w/ ACSD 0.44–0.56 (0.0173–0.0220) w/ o ACSD 0.84–0.96 (0.0331–0.0378) Turkey 0.54–0.66 (0.0212–0.0260)	w/ ACSD (w/ o HAC) 0.44–0.56 (0.0173–0.0220) Others 0.64–0.76 (0.0252–0.0299)	—
				
 kPa (kgf/cm ² , psi)		14220–15200 (145–155, 2062–2205)	15090–16290 (154–166, 2190–2361)	
		14810–15590 (151–159, 2148–2262)	15581–16781 (159–171, 2262–2432)	
 mm (in.)		0.20–0.30 (0.008–0.012)		
	 	0.40–0.50 (0.016–0.020)		

	  	650-750		
rpm	 	Malaysia 4570-4830 Others 4770-5030	750-850	4750-5050
	  	3138 (32.0, 455)		
kPa (kgf/cm ² , psi)		1961 (20.0, 284)		
		490 (5.0, 71)		
	A	 ① 78 (800, 58) ② 90° ③ 90°		
	B	23.5 (240, 17)		
	C	52 (530, 38)		
	D	64 (650, 47)		
N·m (kgf-cm, ft-lbf)	E	29.5 (300, 22)		
	 	29 (0.3, 4.3)		
kPa (kgf/cm ² , psi)	3,000 rpm 	294-539 (3.0-5.5, 43-78)		

		LH		
 liter (US qts, Imp. qts)		5.1 (5.4, 4.5)		
 liter (US qts, Imp. qts)		6.0 (6.3, 5.3)		
 liter (US qts, Imp. qts)		API CF-4 or CF (You may also use API CE or CD)		
 liter (US qts, Imp. qts)		w/ Front and Rear Heaters 11.0 (11.6, 9.7) w/ Front Heater 9.5 (10.0, 8.4) w/o Heater 8.5 (9.0, 7.5)		

Hiace Diesel

LH102 - 6009275~ LH104 - 6000253~ LH112 - 4000001~ , 7012817~ LH114 - 4000023~ , 5000055~ , 7011073~
 LH154 - 1001762~ LH162 - 1007389~ LH164 - 1000082~ LH166 - 1000051~ LH168 - 1001381~
 LH172 - 1030507~ , 5000005~ , 6110354~ LH174 - 1008088~ LH176 - 1000057~ LH178 - 1014616~ LH184 - 1011553~



		LH
	A	170 (6.69)
	B	5-15 (0.20-0.59)
	C	25 (0.98)
mm (in.)		SAE J1703 or FMVSS No. 116 DOT3

		LH
	A	151.5 (5.965)
	B	1-6 (0.04-0.24)
	C	58 (2.28)
mm (in.)		SAE J1703 or FMVSS No. 116 DOT3

196 N (20 kgf, 44.1 lbf)		18-24
		5-7

	A	1.0 (0.039)
	B	14 in. 23.0 (0.906) 15 in. 26.0 (1.024)
mm (in.)		

	1.0 (0.039)
mm (in.)	

	4×2	272 (10.709)
	4×4	297 (11.693)
		mm (in.)

		LH
	(4×2) A+[5.9-18] (0.6-1.8 1.3-4.0)	N (kgf·m lbf)
	(4×4) A+[19-47] (1.9-4.8 4.2-9.6)	
		100 (1020, 74)
		N·m (kgf·cm, ft·lbf)


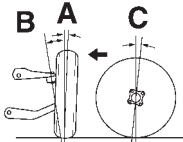
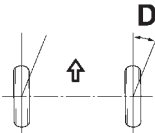

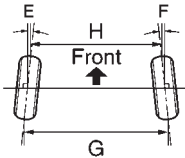
		LH
	2WD 2.2 (2.3, 1.9)	API GL-4 or GL-5 SAE 75 W-90
	4WD 2.6 (2.7, 2.3)	
liter (US qts, Imp. qts)		



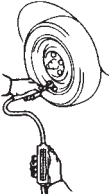
	2.4 (2.5, 2.1)
liter (US qts, Imp. qts)	

	1.3 (1.4, 1.1)
liter (US qts, Imp. qts)	

	1.35 (1.4 1.2)	2.2 (2.3 1.9)
	Hypoid gear oil API GL-5 With LSD use LSD oil only SAE90 (⊖ -18°C (0°F)) SAE80W or 80W-90 (⊖ -18°C (0°F))	
liter (US qts, Imp. qts)		

		LH
		40 (1.57)
		mm (in.)

		2WD	4WD	
 	A	Please refer to the Service Bulletin Australia Ref. No. CP-2013 Others Ref. No. CP-0017	$0^{\circ}05'\pm30'$ ($0.08^{\circ}\pm0.5^{\circ}$)	
	B		$12^{\circ}30'\pm30'$ ($12.50^{\circ}\pm0.5^{\circ}$)	
	C		$2^{\circ}45'\pm30'$ ($2.75^{\circ}\pm0.5^{\circ}$)	
	D		$32^{\circ}20'_{-3^{\circ}}^{+0^{\circ}}$ ($32.33^{\circ}_{-3^{\circ}}^{+0^{\circ}}$)	
 Bias Tire			E+F	$0^{\circ}00'\pm6'$ ($0^{\circ}\pm0.1^{\circ}$)
 G-H mm (in.)				0 ± 1 (0 ± 0.04)

				
 kPa (<i>kgf/cm² or bar, psi</i>)	Australia	185R14C	325 (3.25, 47) 350 (3.50, 51)*	450 (4.50, 65)
		195/70R15C	325 (3.25, 47) 350 (3.50, 51)*	425 (4.25, 62)
	Others	Please refer to the Owner's Manual. (Section 8. SPECIFICATIONS)		