

Specifications (Cont'd)

Rear output shaft preload adjusting shim (Cont'd)	Mark		
	10	1.0 mm	0.039 in.
	11	1.1 mm	0.043 in.
	12	1.2 mm	0.047 in.
	13	1.3 mm	0.051 in.
	14	1.4 mm	0.055 in.
	15	1.5 mm	0.059 in.
Transfer solenoid Resistance	at 20°C (68°F)	37 – 44 Ω	

Torque Specifications

Part tightened	kg-cm	ft-lb	N-m	
Front companion flange lock nut	1,300	94	127	
Rear companion flange lock nut	1,300	94	127	
Idler gear x Transfer oil receiver	80	69 in.-lb	7.8	
Rear bearing retainer x Rear bearing retainer oil receiver	90	78 in.-lb	8.8	
Shift fork shaft x Shift fork	185	14	18	
Diaphragm cylinder body x Transfer front case	185	13	18	
Diaphragm cylinder x Diaphragm cylinder body	185	13	18	
Diaphragm push rod nut	375	27	37	
Diaphragm cylinder cover x Diaphragm cylinder	75	65 in.-lb	7.4	
Suction tube x Diaphragm cylinder cover	375	27	37	
Transfer front case x Transfer adapter	660	47	64	
Transfer front case x Transfer rear case	17 mm	650	47	64
	14 mm	400	29	39
Transfer rear case x Shift plug	450	33	44	
Idler gear shaft lock plate bolt	210	15	21	
Transfer rear case x Rear bearing retainer	350	25	34	
Transmission output shaft lock nut	1,300	94	127	
Transfer rear case x Transfer No.2 case cover	155	11	15	
Transfer rear case x Power take-off cover				
Sealer coated bolts	170	12	17	
Other bolts	195	14	19	
Speedometer driven gear lock nut plate bolt	130	9	13	
Transfer indicator switch	250	18	25	

PROPELLER SHAFT

Specifications

Propeller shaft runout	Limit	0.8 mm	0.031 in.
Spider bearing axial play		Less than 0.05 mm (0.0020 in.)	
Snap ring thickness	Color		
	Uncolored	2.00 mm	0.0787 in.
	Brown	2.03 mm	0.0799 in.
	Blue	2.06 mm	0.0811 in.
	Uncolored	2.09 mm	0.0823 in.

Torque Specifications

Part tightened	kg-cm	ft-lb	N·m
Propeller shaft x Differential	900	65	88
Propeller shaft x Transfer	900	65	88

SUSPENSION AND AXLE Specifications

Cold tire inflation pressure kg / Cm2 (psi, kPa)	Tire size			Front	Rear
	P225/75 R15 EXTRA LOAD			1.8 (26, 177)	2.4 (34, 235)
Front wheel alignment	Camber			1° ± 45'	
	King pin inclination			9°30' ± 45'	
	Caster			0°50' ± 45'	
	Toe-in			Inspection STD	Adjustment STD
				1 ± 2 mm (0.04 ± 0.08 in.)	1 ± 2 mm (0.04 ± 0.08 in.)
	wheel angle	Max.	Inside wheel	32° ^{+0°} - 3°	
			Outside wheel	30°	
			at 20° (Outside wheel)	Inside wheel	21°
Side slip (Reference only)			Less than 3.0 mm / m (0.118 in. / 3.3 ft)		
Disc wheel lateral runout			Limit	1.2 mm	0.047 in.
Wheel bearing preload			Frictional force of oil seal plus	2.8 – 5.7 kg	6.2 – 12.6 lb 27 – 56 N
Steering knuckle bearing preload				3.0 – 6.0 kg	6.6 – 13.2 lb 29 – 59 N
(rotating load at knuckle arm end, before installing dust seal)					
Steering knuckle preload adjusting shim thickness				0.1 mm	0.004 in.
				0.2 mm	0.008 in.
				0.3 mm	0.012 in.
				0.5 mm	0.020 in.
				1.0 mm	0.039 in.