

## QUIGLEY 4X4 ROUTINE MAINTENANCE GUIDE / IFS 2002

VEHICLE APPLICATION .....QUIGLEY MOTOR CO ., 2002 IFS 4x4 SYSTEM WITH SERVICEABLE HUB AND BEARING ASSEMBLY

MAINTENANCE .....FRONT DRIVE AXLE, TRANSFER CASE, DRIVE SHAFTS

NOTE: SEE OWNERS MANUAL FOR COMPLETE VEHICLE MAINTENANCE ON ALL OTHER SYSTEMS!!!

### NORMAL DRIVING SERVICE INTERVALS

### ROUTINE LUBRICATION MAINTENANCE

	Miles (Thousands)	5	10	15	20	25	30	35	40	45	50	55	60
	Kilometers (Thousands)	8	16	24	32	40	48	56	64	72	80	88	96
1	Lubricate front wheel bearings			X			X			X			X
2	Lubricate steering linkage, driveshaft U-joints and slip-yoke if equipped with grease fittings	X	X	X	X	X	X	X	X	X	X	X	X
3	Lubricate caliper slide rails		X		X		X		X		X		X
4	Lubricate ball joints	X	X	X	X	X	X	X	X	X	X	X	X
5	Check oil level & condition in front axle (80w-90)		X		X		X		X		X		X
6	Check oil level & condition in transfer case		X		X		X		X		X		X
7	Change transfer case oil (Dextron / Mercon ATF)										X		
8	Refer to <b>Inspection Section</b> for other lubrication instructions												
9	<b>Special Operating Instructions:</b> When hubs & axles are submerged in water maintenance schedules 1 - 8 should be performed A.S.A.P. For severe use (a.k.a. towing, mud, excessive dust, etc. maintenance schedules 1 - 8 should be performed more frequently).												

### ROUTINE INSPECTION MAINTENANCE

	Miles (Thousands)	5	10	15	20	25	30	35	40	45	50	55	60
	Kilometers (Thousands)	8	16	24	32	40	48	56	64	72	80	88	96
1	Inspect wheels and tires (see <b>Notice</b> below)	X	X	X	X	X	X	X	X	X	X	X	X
2	Inspect and lubricate front wheel bearings			X			X			X			X
3	Inspect steering system		X		X		X		X		X		X
4	Inspect disc brake system		X		X		X		X		X		X
5	Inspect spindle needle bearing lubrication						X						X
6	Inspection hub lock lubrication						X						X

Perform at the distances shown

**NOTE: REPEAT MAINTENANCE SCHEDULE FOR EACH SUCCESSIVE 60,000 MILE INTERVAL**

#### NOTICE!

DRIVER – DEALER – OWNER  
CHECK WHEEL NUTS OR BOLTS

1. First trip – Check wheel nuts or bolts at start and 100 miles. Tighten to 100 Ft. Lbs. of torque. (1/2")  
Tighten to 140 Ft. Lbs. of torque. (14 mm-9/16")
2. After first trip – Check wheel nuts or bolts and tire pressure and tires periodically.
3. Following winter storage – before a trip, always check wheel nuts or bolts and tire pressure.
4. After changing or rotating tires refer to #1.
5. Alignment specifications; see attached specification sheet.