

4 x4 PRE -TRIP CHECK LIST

<i>LUBRICATION (oils) CHECK....</i>	<i>SUSPENSION CHECK....</i>	<i>GENERAL CHECK</i>
Engine	Leave Springs (spread & clean)	Free wheeling hub operation
Manual transmission	Lubricate between leaves	Front 'Auto hub' operation
Automatic transmission	Regrease steering stops	4WD engagement
Front / Rear differentials	Condition of all bushes	'Diff. Lock' engagement
Transfer case	Spray 'Lanotec' on all bushes	Centre 'Diff lock' engagement
Brake fluid	'shocks for leaks / damage	'Diff locks' <i>disengagement</i>
Clutch fluid	'shock bushes (top & bottom)	'Diff breathers
Grease all nipples inc .Tailshaft	Stabilizer link bushes	Air conditioner dryer (bubbles)
	Coil spring seats	Head light aim / operation
	Leaf spring shackles / bushes	Driving lights aim / operation
ENGINE COMPARTMENT	How OLD are the 'shocks ??	Wiper operation (front / rear)
		Tow hooks (front / rear)
Spark plugs (replace)		Winch operation (if fitted)
Injector lines (check leakage)	STEERING CHECK....	Winch cable (frayed etc.)
Fuel filter (replace)		Fire extinguisher (expire date)
Oil filter (replace)	CV boots	Hand brake operation (adjust)
Drive belts (freeplay & condition)	All wheels for oil leaks	Hand brake cables (frayed etc)
Replace belts (old set as spares)	Lower steering arms	Tail shaft Uni. joints (freeplay)
Battery	especially on larger wheels	Engine mounts
Perform high rate discharge test	Steering box freeplay (adjust)	Transmission mounts
Hydrometer test	All bump stops	Fuel tank mountings
Clean / Tighten terminal clamps	Split pins on steering knuckles	Fuel lines / brackets /protection
Spray 'Lonotec' on terminals	Wheel bearing freeplay (repack)	Front bash plate (protection)
Check fluid level (topup as req'd)	Wheel alignment	UHF operation
Fluid levels		Earth connection UHF aerial
Coolant / over-flow bottle		Horn operation
Windscreen bottle (front / rear)	STRAIGHT LINE OPERATION	
	Drifts left or right	
COOLING SYSTEM CHECK...	Wanders left and right	
	Operation of ALL lights	
Water pump for leaks	Steering wheel straight (level)	
Radiator for leaks		
Condition of 'core'/ cooling fins		
For insects / etc in front of core		BRAKES / CLUTCH CHECK....
All hoses & clamps		
Heater hoses (cracked / leaking)		All brake pads for wear
Pressure test radiator core		All discs for grooves
		All slave cylinders (oil leaks)
TYRE CONDITION CHECK....		Clutch pedal freeplay
		Brake pedal freeplay
Damaged side walls (in / out side)		Remove rear drums & clean
Feathering ??		
Uneven wear		
Pressure		