



# DEFENDER

## 52,500 MILE/84,000 KILOMETER SERVICE CHECKLIST 1993 DEFENDER 1 10/1994 DEFENDER 90

Owner's Name: \_\_\_\_\_ Date: \_\_\_\_\_ R.O.#: \_\_\_\_\_

### REQUIRED MAINTENANCE

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- Change engine oil
- Replace engine oil filter
- Replace Positive Crankcase Ventilation intake filter - clean orifice and mesh breather - inspect all hoses
- Check condition of drive belts - adjust if required
- Check/top up cooling system (including auxiliary heater if equipped)
- Check ignition wiring for condition, routing and fit
- Remove distributor rotor, lubricate distributor shaft bushing: 3 drops light oil
- Clean distributor cap and rotor - check for cracks and tracking - apply a small amount of silicone grease to rotor shaft before re-installing rotor
- Check/adjust ignition timing
- Check engine idle speed to verify **IACS** (Stepper motor operation)
- Check fuel filler cap seal for condition
- Replace fuel filter
- Check fuel lines for routing and condition, and fuel system for leaks
- Check evaporative emissions system (EVAP) hoses for routing and leaks - tighten fuel filler hose clamps
- Check engine emission control system hoses/wiring for condition and routing
- Check on-board diagnostic (OBD) readout for presence of fault codes - repair/clear as required
- Reset emissions maintenance reminder (EMR) control unit
- Check exhaust system for leaks, condition and damage

### RECOMMENDED MAINTENANCE

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- Check/top up transfer gearbox oil: EP **80W/90** gear oil (GL 4 or 5)
- Check/top up transmission oil: ATF Type "F"
- Check/top up front axle oil: EP **80W/90** gear oil (GL 4 or 5)
- Check/top up steering swivel housing oil: EP **80W/90** gear oil (GL 4 or 5)
- Check/top up rear axle oil: EP **80W/90** gear oil (GL 4 or 5)
- Check/top up brake and clutch master cylinders: DOT 4 brake fluid
- Check/top up power steering reservoir: ATF Type "F"
- Lubricate front and rear drive shaft universal joints: Multi-purpose lithium grease
- Lubricate parking brake linkage: General purpose grease

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