



DEFENDER

22,500 MILE/36,000 KILOMETER SERVICE CHECKLIST 1993 DEFENDER 1 10/1994 DEFENDER 90

Owner's Name: _____ Date: _____ R.O.#: _____

REQUIRED MAINTENANCE

- Change engine oil
- Replace engine oil filter
- Check exhaust system for leaks, condition and damage
- Check condition of drive belts - adjust if required
- Check/top up cooling system *

* Recommended maintenance in **California**

RECOMMENDED MAINTENANCE

- 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"
- Check/adjust ignition timing
- Lubricate front and rear drive shaft universal joints: Multi-purpose lithium grease
- Lubricate front and rear drive shaft slip joints: Multi-purpose lithium grease
- Lubricate parking brake linkage: General purpose grease
- Check operation of parking brake - adjust if required
- Check shock absorbers and load levelling unit for leaks
- Check brake and clutch lines, hoses and unions for condition, routing and leaks
- Check power steering system for leaks; hydraulic hoses and unions for routing and condition
- Check fuel lines for routing and condition, and fuel system for leaks
- Inspect brake pads for wear, calipers for leaks, and discs for condition
- Remove rear brake drums, inspect linings and drums for wear and wheel cylinders for leaks (Defender 110)
- Reinstall rear brake drums; adjust brake shoes (Defender 110)
- Check clutch/foot brake operation and travel

Continued on reverse side

- [] Check tires for cuts, lumps, bulges, tread wear; and road wheels for damage
- [] Check that tires comply with manufacturer's specifications
- [] Check/adjust tire **pressure**:-
 - 110: Front: 28PSI (1.9 BAR); Rear 48PSI (3.3 BAR)
 - 90: Front: 28PSI (1.9 BAR); Rear **35PSI** (2.4 BAR)
- [] Check spare tire pressure - inflate **to**:-
 - 110: 48PSI (3.3 BAR)
 - 90: 35PSI (2.4 BAR)
- [] Lubricate swing-away spare tire holder - multi-purpose lithium grease (Defender 90)
- [] Torque road wheel lug nuts:
 - 75-85 **ft.lbs. (102-116Nm)** - Steel wheels
 - 95 **ft.lbs.** (129Nm) - Styled cast wheels
- [] Check operation of door, hood, tailgate, locks and window controls/slides
- [] Check condition and operation of seats, seat belt mountings, belts and buckles
- [] Check operation of all instruments, gauges, warning indicators, lamps, horn and stereo cassette system
- [] Clean and grease battery terminals: Petroleum jelly
- [] Check all approved accessories fitted, for condition and operation
- [] Recode stereo and test drive vehicle

**YOUR NEXT SERVICE IS DUE IN SIX (6) MONTHS OR 7,500 MILES (12,000 KM),
WHICHEVER IS 'SOONER**

**PLEASE REFER TO YOUR OWNER'S MANUAL FOR INFORMATION REGARDING
SERVICE RECOMMENDATIONS AND INTERVALS IF YOUR VEHICLE IS USED
EXTENSIVELY OFF-ROAD, OR UNDER SEVERE OPERATING CONDITIONS**