

GTA 43-01-015

FMTV

Hot Weather/ Desert Operations-August 2004

This abbreviated checklist is not to be used as a replacement for the -10 series Tech Manuals or any other PMCS guide

WARNING:Failure to comply may result in equipment damage

1. Extreme Temperature Operation

- a. Watch all gauges and indicator lights for proper readings
- b. Check engine oil level daily
- c. Radiator Fan must be in operation except when fording
- d. Use a mixture of 50% water and 50% antifreeze in radiator
- e. Never operate the engine longer than 30 seconds at full throttle if the vehicle is not moving
- f. Check the battery fluid level often, use distilled water only
- g. Inspect cooling system daily
- h. On the M1088 and M1089 do not block the Transmission Auxiliary fan intake
- i. Grease the fifth wheel daily

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Distribution: U.S. Army Training Support Center.

May 2005

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2. Recommended Fluids and Lubricants

- a. Engine: 15 W 40
- b. Transmission: 15 W 40
- c. Differentials: 80-90 up to 85-140
- d. PTO driven hydraulics and power steering: OE-10
- e. Cab lift system: 5606 OHA or 756 Royco OHA
- f. Grease: GAA, MIL-G-10924
- g. Radiator coolant: Antifreeze, MIL-A-46153

3. Air Filter Maintenance

- a. Clean the engine air filter at least once a week
- b. Watch for sand and dust accumulation on the radiator.
Use low water pressure or air to clean away sand and dust
- c. Check and drain fuel water separator at every stop

4. Critical Lubrication Points

- a. Lubricate universal joints and sp[rings every 3000 miles and after fording
- b. Perform the drive shaft hinging inspections very time you perform the lubrication services. Procedures can be found in the Interactive Electronic Technical Manual (IETM) 9-2320-365 or 366-20, chassis maintenance for the FMTV A1. The procedure is exactly the same for the A0

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5. Towing Operations

- a. Flat towing is the recommended means of towing
 1. Do not tow more then 100 miles. Do not exceed 30 MPH with drive shaft installed
 2. Remove both drive shafts (MTV - front and intermediate) if you plan to exceed above limitations
- b. Lift and tow should only be performed in situations that provide no other means to move the disabled vehicle
 1. Front axle drive shaft must be removed prior to performing a rear connection lift and tow
 2. Rear axle drive shaft must be removed prior to performing a front connection lift and tow on LMTV
 3. Intermediate axle drive shaft must be removed prior to performing a front connection lift and tow on MTV
- c. Cage rear brakes on disabled vehicles
- d. Before Removal, Match Mark the drive shafts.
Procedures can be found in the Interactive Electronic Technical Manual (IETM) 9-2320-365 or 366-20, chassis maintenance for the FMTV A1.
The procedure is exactly the same for the A0