

## **Slave Starter**

1. Read the slave-starting steps in your vehicle's operating instructions
2. Never stand between vehicles being slaved and never position them nose-to-nose
3. Have your mechanic make sure the electrolyte in all battery cells is above the plates and is not frozen. Never slave frozen batteries. They can explode.
4. Make sure all cables and terminals on the dead vehicle's batteries are tight and free of corrosion.
5. Set the parking brake on both vehicles shift both transmissions to neutral. Keep the live vehicle's engine running at a fast idle.
6. Make sure dead vehicle's battery switch is OFF to prevent arcing when you connect the slave cable.
7. Connect the slave cable to the dead vehicle's slave receptacle
8. If either have the two prong slave receptacle use the NATO adapter
9. Push the slave cable into the slave receptacle on the live vehicle
10. Wait at least 1 - 3 minutes before starting the dead vehicle
11. Try to start the dead vehicle.
12. If vehicle wont start in 3 tries there is a bigger problem

## **GTA # 43-01-125**

### **PLS** **COLD WEATHER OPERATION**

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

All snow and ice should be removed from truck as soon as possible. Snow and ice may slow or stop movement of criticalparts if allowed to pile up.

When running vehicles indoors make sure there is ventilation for the exhaust fumes.

### **Seasonal Check**

1. Check antifreeze coolant and corrosion protection levels. Use a 60/40 mix of antifreeze to water (Para 4b of TB 750-651)
2. Check the battery fluid; use distilled water

### **Weekly Check**

Check Hoses

### **Daily Check**

1. Never operate the engine longer then 30 seconds at full throttle if the vehicle is not moving.

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### Daily Check

2. Watch all gauges and indicator lights for proper readings
3. Check Heater
4. Check engine oil level
5. Drain Air Tanks

### Recommended Fluids and Lubricants

Engine --15W/40

Transmission -- 15W/40

Transfer Case - OE /HDO - 40

Hydraulic - OE/HDO -10

Gear Box -- 85W/140

Axles and Planetary Wheel Ends - 75W/90

### Windshield Protection

1. Check Defrosters
2. Check Wiper Blades
3. Scrapers can damage ballistic glasses
4. To clean the inside of the window heat up the cab and add detergent, NSN 7930-00-282-9699 to a gallon of water, rub lightly with a soft cloth, rinse off with water and apply polish NSN 7930-00-634-5340 and let dry

### Tire Chains

Keep chains tight by installing rubber straps.

| NSN 5340-01 | Length(Inches) | Stretch (Inches) |
|-------------|----------------|------------------|
| 029-9084    | 15             | 20-30            |
| 231-6015    | 20             | 26-42            |

### Frozen Fuel Systems

1. Drain fuel filters daily
2. Keep fuel tank to the full mark to stop condensation
3. Add icing inhibitor one pint to 80 gallons of fuel. Add it before refueling.

|            |             |
|------------|-------------|
| Quantity   | NSN 6850-01 |
| 5-gal Can  | 377-5074    |
| 55-gal Can | 089-5514    |

### Freeze Protection

Battery/antifreeze tester NSN 6630-00-105-1418

### Ether

Before operating truck in extreme cold environment (-26 degrees F to -65 degrees F) make sure arctic kits are installed and truck has been prepared as described in FM 9-207.

(1) Operate arctic heater (Para 2-28).

(1.1) Turn engine ON/OFF/START switch (1) to ON position.

(2) Press and hold ether start switch (2) for five seconds, release and wait five seconds. Perform this sequence three times. Seems odd we need to do this three times

(3) Turn engine ON/OFF/START switch (1) to START for about 15 seconds. Release engine ON/OFF/START switch (1).

Engine ON/OFF/START switch (1) will spring back to ON position. Oil pressure indicator (3) and oil pressure lamp (4) may light and buzzer (5) may sound briefly.

(4) Run (idle?)engine for five minutes, then increase engine speed to 1200 to 1500 rpm until transmission DO NOT SHIFT light goes out.