

Vehicle Practice

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PREVENTIVE MAINTENANCE INSPECTION REPORT CLASS 0 - TRAILERS AND MOUNTED EQUIPMENT

Frequency - Annually (Every 12 months)

Practice:

INTRODUCTION

The Preventive Maintenance Inspection Program is designed to ensure routine service functions are performed at regular intervals on all Company trailers and the mounted equipment installed thereon.

These services are required to ensure trailers and the associated equipment are in good mechanical condition, safe and operating efficiently.

This practice covers annual preventive maintenance procedures. Those engaged in carrying out the maintenance procedures are expected to be familiar with trailers, whether generic or special purpose.

The practice is designed to guide the mechanic through a series of inspections, services, and repairs.

The mechanic shall inspect, service, and note defects using the PM Inspection Report Form, No. 80-50-1530. Defects must be repaired on completion of inspection.

Fleet Services is responsible to see that maintenance is performed as outlined in this practice. It is the responsibility of the Fleet Planner to schedule the maintenance with the end user.

The PM Program is comprised of two types of inspections: 'B' and MVI (Motor Vehicle Inspection) which are to be completed at the same time.

INSPECTION PROCEDURES AND GUIDELINES

1. Use inspection Report Form, No. 80-50-1530, enter trailer number and date on top of form.
2. Use the code (X) to indicate items requiring repair and note any defects in the remark section of the report.
3. Check (✓) is used to indicate items found okay.
4. Dash (-) for items not applicable.

Prepared by: H. Cherry

Approved by: J. Abraham

Fleet Services



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PM 'B' INSPECTION INSTRUCTIONS AND GUIDELINES

Instructions

Inspect trailer chassis, suspension and mounted equipment.

1. Inspect trailer tongue and hitch for wear, cracks, loose or broken retaining bolts. Also, inspect the chains, hooks, and connectors for wear, grade, and operation (see VP 07-06 for grade and sizing).
2. Inspect front or rear jack leg(s) and supports for damages. Check the stow mechanism for condition and operation.
3. Inspect deck plates or planks, and substructure for damage and rust.
4. Inspect trailer frame for structural damages, cracks, and rust.
5. Check bunk(s) for damages and cracks; loadbinders for condition and operation; and straps for wear and tear. (see VP 07-07)
6. Inspect reel stand(s) for structural damages and cracks; spindles for distortion; and spindle collars for missing or loose setscrews.
7. Inspect hydraulic cable reel lift mechanism; check for leaks, damages and operation. Check cable tensioning system for condition and operation.
8. Inspect fenders or splashguard for damages, rust, etc.
9. Inspect springs, spring hangers, shackles, and pins for wear and damages. Check U-bolts for looseness and damages.
10. Remove the trailer reach (pole) from the connection (coupling) and inspect the pole for distortion; coupling for damages, cracks and wear; and the pins and pinholes for damages and wear.

Note: Mounted equipment, i.e. air compressor, chipper or wire reel brake mechanism are to be serviced and maintained in accordance with OEM (Original Equipment Manufacturer) Service and Repair Manual.

Electrical Systems

1. Check operation of all the lights.
2. Inspect electrical wiring and connections; check for brittle or damaged wiring and corrosion.

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3. Check trailer break-a-way system - inspect condition of cable, pull the break-a-way pin, and check brakes for holding. Inspect battery - check condition of battery, connections, and solar panel if applicable.
4. Inspect trailer electric cable, plugs or sockets for condition.

Service and Inspect Wheels, Tires, Axle(s) and Brakes

NOTE: Remove all wheels every two years

1. Remove all wheels - inspect rims, tires, studs and nuts for damage and wear. Check air pressure in tires using gauge.
2. Inspect axles, spindles, hubs, and drums for damage and wear. Remove bearings and seals from hub and inspect for damage and wear. (Repack)
3. Inspect brake linings and shoes for damage and wear.
4. Inspect condition of brake magnets and armatures. Check operation.
5. Clean and free brake adjusters, linkages, etc.
6. Assemble and adjust brakes - check operation.
7. Air brake axles: inspect condition of canisters, cams, slack adjusters, hoses and connections. Check for air leak and operation of brakes.

Condition of Paint

1. Inspect unit for surface rust, paint chipping, or flaking. Paint unit as required.

Motor Vehicle Inspection (MVI)

1. Complete the MVI inspection and attach the MVI sticker to the trailer.

Note: The mechanic is to sign the PM 'B' Inspection Report.

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Preventive Maintenance Inspection Report Class (0) Trailer and Mounted Equipment



TRAILER NO.	YEAR	MONTH	DAY	ENGINE HOURS
'B' SERVICE & MVI	ANNUALLY (12 MONTHS)	X - REQUIRES REPAIR	✓ - CHECKED & OK	(-) - NOT EQUIPPED
DESCRIPTION	STATUS	REMARKS		
INSPECT TRAILER CHASSIS, SUSPENSION AND MOUNTED EQUIPMENT				
Tongue/hitch, safety chains and hooks				
Front and rear jack leg(s) and supports				
Deck/or flooring for damages and rust				
Frame for damages and rust				
Bunks, supports, loadbinders and straps for operation				
Fenders/or splash guards for damages and rust				
Springs, hangers, shackles, pins and u-bolts for damage and wear				
Remove trailer reach (pole), inspect reach (pins), and connections for damage, distortions, wear and installation of safety cable				
Note: Compressor, chipper, reel brakes etc. Service to manufacturers specifications				
CHECK ELECTRICAL SYSTEM				
Operation of all lights				
Wiring and connections				
Breakaway system operation, condition of battery				
Trailer electric cable - plugs and sockets for condition				
SERVICE AND INSPECT WHEELS, TIRES, AXLES AND BRAKES				
Remove wheels: inspect rims, tires, studs/nuts check tire pressure				
Axles, spindles, hubs, seals and bearings				
Check brake shoes and linings for wear				
Check magnet and armatures for condition and operation				
Free adjuster assemblies				
Adjust brakes - check operation				
Air axles: check canisters, hoses and connections for damages and air leaks				
CHECK CONDITION OF PAINT				
Paint as required				
M.V.I.				
Annual motor vehicle inspection				
Report completed by:				
Date:				