

Summary Report for Individual Task  
551-88M-1352  
Perform Preventive Maintenance Checks  
Status: Approved

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**Distribution Restriction:** Approved for public release; distribution is unlimited.

**Destruction Notice:** None

**Foreign Disclosure: FD5** - This product/publication has been reviewed by the product developers in coordination with the Fort Lee, VA foreign disclosure authority. This product is releasable to students from all requesting foreign countries without restrictions.

**Condition:** In an operational environment, your unit is preparing to move to another tactical location and orders are given to conduct maintenance checks on all vehicles. Provided a chocked tactical wheeled vehicle, trailer, or other equipment requiring preventive maintenance checks and services (PMCS), basic issue items (BII), DA Form 5988-E/DA Form 2404 (Equipment Inspection Maintenance Worksheet), rags and lubricants as necessary, level ground to work, replacement parts as available, -10, -12, or -14 series technical manual (TM) for the vehicle, trailer or equipment, DA Form 5987-E/DA Form 1970 (Motor Equipment Dispatch) as applicable, hearing protection as necessary, and guidance on disposition of completed maintenance worksheets. Some iterations of this task should be performed in MOPP 4.

**Standard:** Perform preventive maintenance checks to include the following: Interpret the applicable TM and related forms. Inspect the vehicle, trailer, or equipment according to the PMCS tables of the appropriate TM. Distinguish between before, during, and after operation maintenance checks. Regarding faults detected, correct all faults, when possible, within your level of maintenance. Record all uncorrectable faults on DA Form 5988-E/DA Form 2404 completely, accurately, and legibly. Replace available parts within operator-level of authority. Troubleshoot faults as necessary according to the TM. Once all maintenance checks are completed, turn in the form to unit maintenance or your direct supervisor according to the unit standing operating procedure (SOP). When vehicle or equipment requires dispatch, make all operator entries on DA Form 5987-E/DA Form 1970 legibly and accurately. All preventive maintenance checks are to be completed without injury to personnel or damage to equipment.

**Special Condition:** Special Conditions: Supervisory personnel are present to perform those actions required for proper disposition of vehicle status and vehicle dispatching for mission according to unit standing operating procedure (SOP). Installed components: The operator is responsible for performing maintenance of all installed components of the vehicle to include communications equipment, weapons mounts, and the like. In such cases, the successful completion of this task will include the inspection of these items in accordance with the appropriate TM.

**Safety Risk:** Low

**MOPP 4:** Sometimes

<b>Task Statements</b>
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**Cue:** Your unit is preparing to move to a new location. All vehicles must be thoroughly inspected prior to departure.

## DANGER

Soldiers must be aware of the inherent dangers of working in and around tactical wheeled vehicles. Hot surfaces, sharp, moving objects such as fan blades, slippery surfaces, and excessively loud noises are all dangers. Each Soldier should take every precaution not to become a victim of these dangers by wearing the proper uniform, protective devices.

## WARNING

Soldiers must adhere to all WARNINGS published in the applicable publication for the vehicle or equipment as well as instruction from local SOP and leadership.

## CAUTION

Soldiers must adhere to all CAUTIONS published in the applicable publication for the vehicle or equipment as well as instruction from local SOP and leadership.

**Remarks:** None

**Notes:** Use the reference publication that supports the vehicle being used for this task.

Note: Cleanliness. Dirt, grease, oil, and debris only get in the way and may cover up a serious problem. Use Dry Cleaning

Solvent on metal surfaces where directed. Note: Bolts, Nuts, and Screws. Check bolts, nuts, and screws for obvious looseness and missing, bent, or broken conditions. Look for chipped paint and bare metal or rust around bolt heads. If any part seems to be loose, tighten it or notify Unit Maintenance.

Note: Welds. Look for loose or chipped paint, rust, or gaps where parts are welded together. If a bad weld is found, notify Unit Maintenance.

Note: Electrical Wires and Connections. Look for cracked or broken insulation, bare wires, and loose or broken connectors. Tighten loose connectors and make sure wires are in good shape. If a bad wire or connector is found, notify Unit Maintenance.

Note: Hydraulic Lines and Fittings. Look for wear, damage, and leaks; make sure clamps and fittings are tight. Wet spots show leaks. A stain around a fitting or connector can mean a leak. If a leak comes from a loose fitting or connector, tighten it. If something is broken or worn out, notify Unit Maintenance.

Note: Damage. Damage is defined as any condition that affects safety or would make the vehicle unserviceable for mission requirements.

## Performance Steps

1. Prepare for inspection.

a. Gather the following items needed for the inspection.

(1) Replacement parts (indicated by DA Form 5988-E/DA Form 2404, under "parts requested").

(2) Oil and lubricants in accordance with TM as needed.

(3) Bll, rags, and other tools as required (authorized for operator level maintenance only).

(4) On DA Form 5988-E, check for correct pre-printed information in header area. On DA Form 2404 ensure header information is filled in.

(5) Flashlight, work gloves, and hearing protection as needed.

### WARNING

(6) Applicable vehicle TM (-10, -12, or -14 series).

b. Review documentation and ensure that driver information is shown on all required forms.

### WARNING

REMOVE ALL JEWELRY PRIOR TO START OF INSPECTION TO AVOID INJURY FROM SNAGGING OR INADVERTENT ELECTRICAL GROUNDING.

2. Perform before-operation inspection as listed in appropriate vehicle operator's manual (-10 series TM) if deficiencies are noted ensure that they are annotated on DA Form 5988-E/DA Form 2404.

a. Isolate the malfunction by applying step-by-step troubleshooting procedures.

b. Determine classification of any fluid seepage/leakage by the following criteria.

(1) Class I - Seepage of fluid (indicated by wetness or discoloration) not great enough to form drops.

(2) Class II - Leakage of fluid great enough to form drops but not enough to cause drops to drip from item being inspected.

(3) Class III - Leakage of fluid great enough to cause drops to drip from item being checked.

c. Correct all deficiencies (faults) within the operator's level of maintenance.

d. Record all vehicle deficiencies correctly by replacing parts under corrective action of DA Form 5988-E/DA Form 2404.

e. Record all uncorrectable deficiencies under fault description of DA Form 5988-E or in item 10c, Deficiencies and Shortcomings of DA Form 2404.

f. When a deficiency or shortcoming is found using DA Form 5988-E, the operator or supervisor enters a signature and time. For DA Form 2404, the operator or supervisor signs and enters the rank.

3. After performing before-operation checks and vehicle has no NMC faults, the vehicle may be dispatched for mission.  
Note: Make operator entries on DA Form 5987-E.

a. Operator (and supervisor) reviews SERVICE DUE DATA on DA Form 5987-E/DD Form 1970 and takes appropriate action.

b. Operator (and dispatcher) reviews entries on DD Form 5987-E/DD Form 1970 for accuracy. Dispatcher signs the DA Form 5987-E/DA Form 1970.

c. Operator signs DA Form 5987-E/DA Form 1970 in the operator's signature block.

4. Perform during-operation inspection as listed in the appropriate vehicle operator's TM (-10 series TM).

a. If no deficiencies are noted, make no entries.

b. If deficiencies are noted, follow step 2 above.

5. Perform after operation-inspection as listed in the appropriate vehicle operator's TM (-10 series TM).

a. If no deficiencies are noted on DA Form 5988-E place the first letter of the type of inspection performed under the corrective action column. For DA Form 2404 put initials in the initials column.

b. If deficiencies are noted follow steps 2 above.

6. Turn in DA Form 5988-E/DA Form 2404 to the maintenance supervisor.

7. Retain DA Form 5988-E/DA Form 2404 in equipment records folder if no faults are recorded.

8. Perform preventive maintenance checks on installed components (as applicable, in accordance with the appropriate TM).

(Asterisks indicates a leader performance step.)

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If any performance measure is failed, tell the soldier what was done wrong and how to do it correctly.

**Evaluation Preparation:** Brief Soldiers on task requirements; provide Soldier(s) with a wheeled vehicle platform (for purposes of this task), such as a 5-ton, HEMTT-LHS, or M915 Truck tractor, BII, rags, lubricants, applicable TM, chock blocks, hearing protection.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Prepared for inspection.			
2. Performed before-operation inspection as listed in appropriate vehicle operator's manual (-10 series TM). If deficiencies were noted, ensured that they were recorded on DA Form 5988-E/DA Form 2404.			
a. Isolated the malfunction by applying the step by-step troubleshooting procedures as listed in the operator's manual.			
b. Corrected all deficiencies (faults) within the operator's level of maintenance.			
3. Completed operator entries on DA Form 5987-E/DD Form 1970 for vehicle dispatch.			
4. Performed during-operation inspection as listed in the appropriate vehicle operator's TM (-10 series TM).			
5. Performed after operation-inspection as listed in the appropriate vehicle operator's TM (-10 series TM).			
6. Turned in DA Form 5988-E/DA Form 2404 to the maintenance supervisor if faults are recorded during inspection.			
7. Retained DA Form 5988-E/DA Form 2404 in equipment records folder if no faults were recorded.			
8. Performed preventive maintenance checks on installed components (as applicable).			

**Supporting Reference(s):**

Step Number	Reference ID	Reference Name	Required	Primary
	DA FORM 5987-E	MOTOR EQUIPMENT DISPATCH (EGA)	Yes	No
	DA FORM 5988-E	Equipment Inspection Maintenance Worksheet	Yes	Yes
	PAM 750-8	The Army Maintenance Management System (TAMMS) Users Manual.	No	No
	TC 21-305-20	Manual for the Wheeled Vehicle Operator {AFMAN 24-306(I)}	No	No
	TM 9-2320-345-10	OPERATORS MANUAL FOR TRUCK, LOAD HANDLING SYSTEM (LHS), W AND W/O WINCH, 8X8 M1120A4 (NSN 2320-01-534-1872)(EIC BG7) (THIS ITEM IS INCLUDED ON EM 0288)	No	Yes
	TM 9-2320-366-10-1	OPERATORS INSTRUCTIONS MANUAL FOR M1083 SERIES, 5-TON, 6X6, MEDIUM TACTICAL VEHICLES (MTV) VOLUME NO. 1 OF 2 TRK, CAR., MTV, M1083 W/WN (NSN 2320-01-360-1895) (EIC: BT3) W/O WN (2320-01-354-3386) (EIC: B	No	Yes

**Environment:** Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT. Environmental Statement: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT

**Safety:** In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed

during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination. Adhere to all WARNINGS and CAUTIONS listed in the equipment or vehicle technical operator's manual applicable to this procedure(s). Failure to comply may result in injury to personnel or damage to equipment.

Common precautions during the performance of preventive maintenance include the following:

Removal of all personal jewelry to prevent injury.

Use of hearing protection while equipment or vehicle is in operation.

Use of proper fire extinguishers that must be present during maintenance and operation of equipment or vehicles.

Use of ground guide(s) whenever maneuvering vehicles in a congested area.

Safety Statement: In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC).

Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination.

**Prerequisite Individual Tasks :**

Task Number	Title	Proponent	Status
551-88M-1350	Determine the PMCS Process	551 - Transportation (Individual)	Approved

**Supporting Individual Tasks :**

Task Number	Title	Proponent	Status
551-88M-3322	Manage Preventive Checks and Services	551 - Transportation (Individual)	Reviewed

**Supported Individual Tasks :**

Task Number	Title	Proponent	Status
551-88M-3335	Supervise Driver's Training Program	551 - Transportation (Individual)	Approved
551-88M-3339	Perform Advanced Vehicle Recovery Operations and BDAR	551 - Transportation (Individual)	Approved

**Supported Collective Tasks :** None