

**OPERATOR MAINTENANCE
OPERATOR PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS)**

INITIAL SETUP:

References

AR 385-10
WP 0005

Table 1. Operator Preventive Maintenance Checks and Services (PMCS).


ITEM NO.	INTERVAL	ITEM TO BE CHECKED OR SERVICED	PROCEDURE	EQUIPMENT NOT READY/ AVAILABLE IF:
			<p align="center">NOTE</p> <ul style="list-style-type: none"> • Review all Warnings, Cautions, and Notes before performing PMCS. • Perform all PMCS checks if: <ul style="list-style-type: none"> a. You are the assigned operator but have not operated the trailer since the last weekly checks. b. You are operating the trailer for the first time. 	
1	Before	Lunette Ring	<p align="center">WARNING</p>  <p>Keep hands away from lunette ring during coupling/uncoupling operations. Failure to comply may result in personnel injury. Seek medical attention in the event of injury.</p> <p>Check lunette for secure mounting or obvious damage.</p>	
2	Before	Brake Actuator Assembly	<p>1. Inspect area where front roller pin goes through brake actuator housing for damage and abnormal wear.</p> <p>2. Check that breakaway lever is in down position. If lever is not fully released, brakes will drag, heat up, and overheat.</p> <p>3. Inspect master pin that goes through middle rear area of brake actuator for signs of wear or damage.</p>	Damage is evident.

Table 1. Operator Preventive Maintenance Checks and Services (PMCS) - Continued.

ITEM NO.	INTERVAL	ITEM TO BE CHECKED OR SERVICED	PROCEDURE	EQUIPMENT NOT READY/ AVAILABLE IF:
			<p>4. Ensure that mounting nuts and bolts securely fasten brake actuator assembly to drawbar.</p> <p>5. Visually check brake breakaway cable, lever, and spring clip for damage and missing parts.</p> <div data-bbox="573 541 951 793" data-label="Image"> </div> <p data-bbox="646 827 878 856">Figure 1. Spring Clip.</p>	<p>Nuts and bolts missing or damaged.</p> <p>Cable, lever, or spring clip is missing or damaged.</p>
3	Before	Front Support Leg	<p style="text-align: center;">WARNING</p> <div data-bbox="613 942 1057 1079" data-label="Image"> </div> <ul style="list-style-type: none"> • Drawbar is heavy – up to 420 lb (190.5 kg) loaded tongue weight. Use front support (landing) leg crank to raise and lower trailer drawbar. If support leg assembly is inoperative, use suitable lifting device to lift the drawbar. If a suitable lifting device is not available, remove load from trailer and use four or more people to lift drawbar. Failure to comply may result in personnel death or injury, or equipment damage. Seek medical attention in event of injury. • DO NOT move the trailer laterally (push/pull) using the front support leg as a third wheel or trailer dolly. Mounting bracket or front support leg may fail. Failure to comply may result in personnel death or injury, or equipment damage. Seek medical attention in event of injury. <p>Check front support leg for damage, missing parts, and proper operation. Check that caster moves freely and handle can be cranked to raise and lower trailer.</p>	

Table 1. Operator Preventive Maintenance Checks and Services (PMCS) - Continued.


ITEM NO.	INTERVAL	ITEM TO BE CHECKED OR SERVICED	PROCEDURE	EQUIPMENT NOT READY/ AVAILABLE IF:
4	Before	Handbrake Lever (Roadside)	Check handbrake lever for damage or missing parts. Check that the handle can be engaged and released. Adjust as necessary (WP 0005).	Damage is evident or handbrake fails to operate correctly.
5	Before	Tires (Roadside)	Visually check for underinflated and unserviceable tires. Check tires for leaks, cuts, gouges, cracks, and bulges. Remove all penetrating objects.	Any tire is missing or unserviceable. Tires have leaks, cuts, gouges, cracks, or bulges that would result in tire failure during operation.
6	Before	Tires (Curbside)	Visually check for underinflated and unserviceable tires. Check tires for leaks, cuts, gouges, cracks, and bulges. Remove all penetrating objects.	Any tire is missing or unserviceable. Tires have leaks, cuts, gouges, cracks, or bulges that would result in tire failure during operation.
7	Before	Handbrake Lever (Curbside)	Check handbrake lever for damage or missing parts. Check that the handle can be engaged and released. Adjust as necessary (WP 0005).	Damage is evident or handbrake fails to operate correctly.
8	Before	Intervehicular Cable	Connect intervehicular cable to towing vehicle (WP 0005). Operate towing vehicle light switch through all settings, and check trailer lights.	Trailer lights do not operate properly.
9	After	Brake System	<p style="text-align: center;">WARNING</p>  <p>Brake hub (grease cap)/drum and associated components may become hot during operations that require frequent or continuous braking. Use extreme caution when inspecting brakes. Severe burns may result. Failure to comply may result in personnel injury. Seek medical attention in event of injury.</p> <p style="text-align: center;">NOTE</p> <p>A hub/wheel assembly that is significantly cooler or hotter than the other may indicate improperly adjusted brakes. An abnormally cool condition may indicate an inoperative brake.</p> <p>Inspect each hub/wheel assembly. Check for a hub/wheel assembly that is significantly cooler or hotter than the other. Immediately report any significant temperature variation to Field Maintenance.</p>	Brake hub/wheel assembly is abnormally cold or hot.

Table 1. Operator Preventive Maintenance Checks and Services (PMCS) - Continued.

ITEM NO.	INTERVAL	ITEM TO BE CHECKED OR SERVICED	PROCEDURE	EQUIPMENT NOT READY/ AVAILABLE IF:
10	After	Rear Stabilizers	Inspect rear stabilizers for damage. Ensure that hinge on flex plate can be rotated and sections slide up and down when pin is removed.	Damage is evident or parts are missing.
11	After	Shock Absorber	Inspect shock absorbers for leaks, missing hardware, and damage.	Any leaks are evident, mounting hardware is missing, damage is evident.
12	After	Safety Chains	Inspect safety chains for damage or missing parts.	Damage is evident or parts are missing.
13	Weekly	Wheel Assemblies	Check lugnuts and stud nuts to ensure that they are not loose or missing. If any are loose, tighten.	Three or more lugnuts or stud nuts are missing.
14	Weekly	Brake Actuator Assembly	Inspect brake lines and hoses for missing clamps, cracks, leaks, loose connections, or broken lines. Tighten loose connections.	Any leaks are found.
15	Weekly	Lights, Reflectors, and Wiring	<p style="text-align: center;">NOTE</p> <p>Vehicle operation with damaged or inoperable trailer lights may violate AR 385-10.</p> <p>1. Visually inspect lights and reflectors for missing or broken parts and loose connectors. If any connectors are loose, tighten.</p> <p>2. Inspect wiring harness and intervehicular cable for exposed, frayed, or damaged wiring or missing mounting hardware.</p>	Damage is evident.
16	Weekly	Trailer Body	Visually inspect trailer body including inserts that hold bow supports.	Extensive damage is evident.

END OF WORK PACKAGE