

PRE-OPERATION

THE IMPORTANCE OF PERFORMING PREVENTIVE
MAINTENANCE AND INSPECTION TASKS



Genie®
A TEREX BRAND

TAKING
YOU **HIGHER**™

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WHY SHOULD I PERFORM INSPECTIONS?

We know keeping your equipment up and running on the job is of the utmost importance for your business. Uptime is what keeps your equipment in the field and out of the shop. Proper upkeep and maintenance is also critical to keeping your customers and equipment safe when working in the field.



WHAT IS A “PRE-OPERATION INSPECTION”?

The pre-operation inspection is a visual inspection performed by the operator prior to each work shift. The inspection is designed to discover if anything is apparently wrong with a machine before the operator performs the function tests. The operator's manual contains information about how to perform this inspection.

Operators should always read the MEWP's operator's manual, provided by the equipment manufacturer, to learn more on how to perform these inspections. It is important that operators always use the appropriate operator's manual for the MEWP they are inspecting.

When performing the pre-operating inspection, you will need to check for unauthorized modifications, damage, or loose or missing parts. If damage or any unauthorized variation from factory delivered condition is discovered, the aerial platform must be tagged and removed from service. Remember: Repairs to the aerial platform shall only be made by a qualified service technician, according to the manufacturer's specifications.

Once repairs are completed, the operator must perform a pre-operation inspection again before going on to the function tests.



PRE-OPERATION INSPECTION CHECKLIST

NEED HELP? USE THIS CHECKLIST AS A REMINDER

- ☐ Be sure that the operator's and safety manuals are complete, legible and in the storage container located in the platform/cab.
- ☐ Be sure that all decals are legible and in place. See Inspections section.
- ☐ Check for hydraulic oil leaks and proper oil level. Add oil if needed. See Maintenance section.
- ☐ Check for battery/engine fluid/oil leaks and proper fluid level. Add distilled water if needed. See Maintenance section.
- ☐ Check for engine coolant leaks and proper level of coolant. Add coolant if needed. See Maintenance section.

Check the following components or areas for damage, improperly installed or missing parts and unauthorized modifications:

- ☐ Electrical components, wiring and electrical cables
- ☐ Hydraulic hoses, fittings, cylinders and manifolds
- ☐ Fuel and hydraulic tanks
- ☐ Drive motors/ Turntable motors and drive hubs
- ☐ Wear pads
- ☐ Tyres and wheels
- ☐ Engine and related components
- ☐ Battery pack and connections
- ☐ Limit switches, alarms and horn
- ☐ Alarms, beacons, lights and mirrors (if equipped)
- ☐ Pins, nuts, bolts and other fasteners
- ☐ Brake release components
- ☐ Safety arm (Genie® Scissors and Genie® GTH™)
- ☐ Scissor pins and retaining fasteners
- ☐ Platform control joystick
- ☐ Outrigger housing and footpads (if equipped)
- ☐ Ground strap (Genie® Scissors)
- ☐ Platform entry mid-rail or gate
- ☐ Platform extension (Genie® Scissors)
- ☐ Platform overload components
- ☐ Pothole guards (Genie® Scissors)
- ☐ Lanyard anchorage points

Check entire machine for:

- ☐ Cracks in welds or structural components
- ☐ Dents or damage to machine
- ☐ Excessive rust, corrosion or oxidation
- ☐ Be sure that all structural and other critical components are present and all associated fasteners and pins are in place and properly tightened.
- ☐ Be sure side rails are installed and bolts are fastened (Genie® Scissors)
- ☐ Be sure that the chassis trays are closed and latched and the batteries are properly connected. (Genie® Scissors)
- ☐ After you complete your inspection, be sure that all guards, screens and compartment covers are in place and latched

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