

FUNCTION TESTS

THE IMPORTANCE OF PERFORMING PREVENTIVE
MAINTENANCE AND INSPECTION TASKS



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WHY SHOULD I PERFORM FUNCTION TESTS?

Performing function tests is a crucial part of safe work practices when operating any aerial work platform equipment. These tasks must be done according to the manufacturer's instructions found in their manual(s), by a qualified operator. Proper functions are critical to keeping your customers and equipment safe when working in the field.



HOW DO YOU PERFORM FUNCTION TESTS ON YOUR AERIAL WORK PLATFORM?

Function tests are designed to discover any malfunctions before the aerial platform is put into service. Always perform function tests prior to use. The operator must follow the step-by-step instructions listed in the manufacturer's supplied manual(s) to test all machine functions. A malfunctioning aerial work platform must never be used. If malfunctions are discovered, the aerial work platform must be tagged and removed from service.

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

Repairs to the aerial work platform shall only be made by a qualified service technician, according to the manufacturer's specifications.

After repairs are completed, the operator must perform a pre-operation inspection and function tests again before putting the machine into service.



FUNCTION TESTS CHECKLIST

NEED HELP? USE THIS CHECKLIST AS A REMINDER

GENIE® GS™ SCISSOR LIFTS

- Test Emergency stop at the ground controls
- Test the Up/Down Functions at the ground controls
- Test emergency lowering at the ground controls
- Test Emergency stop at the platform controls
- Test the horn at the platform controls
- Test the function Enable switch and the Up/Down Functions at the platform controls
- Test the drive function button at the platform controls
- Test the Steering at the platform controls
- Test Drive and Braking at the platform controls
- Test tilt sensor Operation at the platform controls
- Test Elevated Drive Speed at the platform controls
- Test the Pothole Guards
- Test Oscillating axle – if equipped
- Test the outriggers function – if equipped

GENIE Z® AND S® BOOM LIFTS

- Test Emergency stop at the ground controls
- Test the Tilt Sensor at the ground controls
- Test Machine functions at the ground controls
- Test Emergency stop at the platform controls
- Test the horn at the platform controls
- Test the Foot Switch at the platform controls
- Test Machine functions at the platform controls
- Test the Steering at the platform controls
- Test Drive and Braking at the platform controls
- Test limited drive speed at the platform controls
- Test the lift drive select function
- Test the Drive Enable System
- Test Oscillating axle – if equipped
- Test the outriggers function – if equipped
- Test Aircraft Protection Package – if equipped
- Test Operative Protective Alarm – if equipped

GENIE GTH™ TELEHANDLERS

- Test the function Joystick – (Dual Joystick if equipped)
- Test the hydraulic Quick Coupling Lock/Unlock - if equipped
- Test the steering
- Test the transmission and brakes
- Test the parking brake
- Test the rear axle lock – if equipped
- Test the outriggers cut out – if equipped
- Test the outriggers sensors – if equipped
- Test the road transfer mode
- Test the levelling cut out – if equipped
- Test the lights
- Test the load limited system
- Test the Joystick Enabling Function Switch
- Test the emergency stop push button
- Test the emergency pump – if equipped
- Test the seat switch
- Test the slewing upper structure proximity switches (Rotating Genie® GTH)
- Test the chassis levelling – if equipped

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