

DRY SYSTEMS TECHNOLOGIES®

MACHINE CHECKLIST

Make and model No: DST JLG 600AJ

Engine: Mitsubishi S4S

Machine Serial Number: _____

Date of Examination: _____

Machine Type: _____ Boom Lift _____

Examination Conducted By: _____

E-mail: eng@drysystemstech.com Web: www.drysystemstech.com

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It is the responsibility of the mine operator to ensure that this machine is maintained in proper condition in accordance with this checklist.

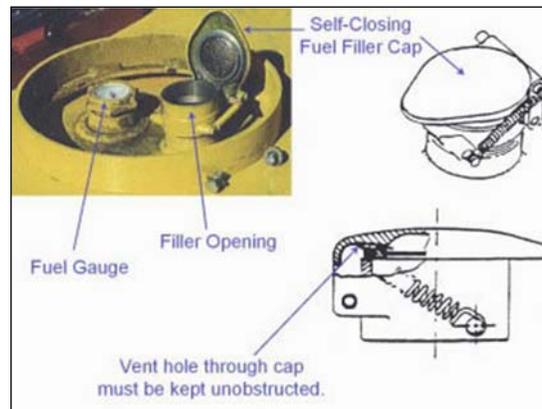
- For a complete evaluation, this checklist must be used in conjunction with a Power System Checklist, M389-003-01, and Electrical System Checklist, M261-008-01.
- Due to Braking Capability Limitations, this machine shall not be operated on grades greater than 20%.

The component and function checks in this document that are designated as “WEEKLY” must be performed during each weekly examination in accordance with 30 CFR, Section 75.1914.

ALL INSPECTIONS AND TESTS SHALL BE PERFORMED IN FRESH AIR.

A. Fuel System

- Weekly 1. [] There are no fuel leaks.
- Weekly 2. [] The fuel filler cap is vented and the vent is not plugged.
- Weekly 3. [] The fuel filler cap is self-closing and is attached to the tank in a manner which will prevent loss during refueling.

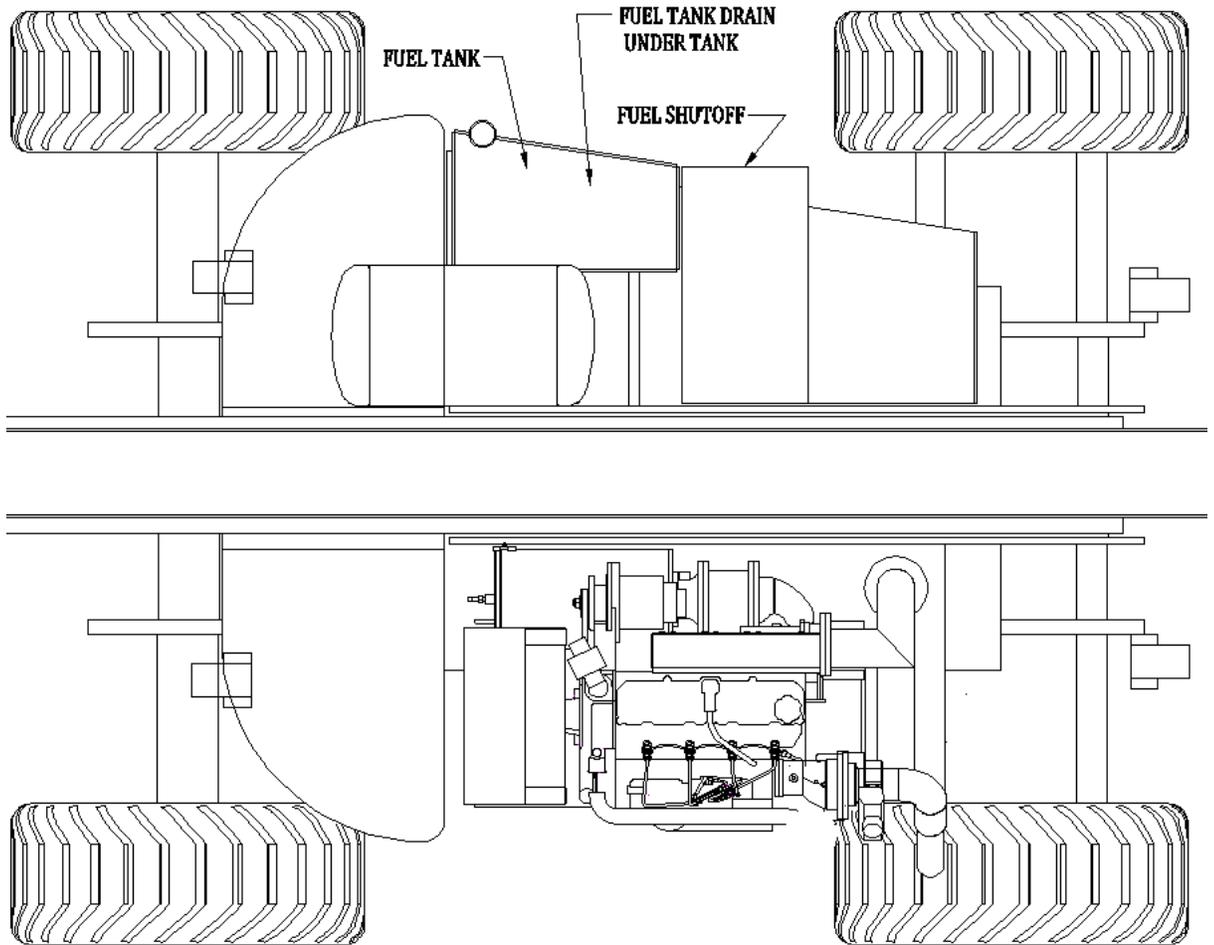


- Weekly 4. [] Auxiliary fuel tank capacity has not been added to the vehicle.
- Weekly 5. [] Fuel filters are properly installed and are not damaged.

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- Weekly 6. [] The fuel shutoff valve in the fuel supply line is operable.
- Weekly 7. [] The drain plug in the fuel tank is locked in position.
- Weekly 8. [] Fuel lines are either steel-wire reinforced, fire-resistant synthetic elastomer-covered hose suitable for use with diesel fuel, or metal.
- Weekly 9. [] Fuel lines are not routed near or connected to hot exhaust components and are protected from external damage.
- Weekly 10. [] Fuel lines are secured.



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B. Braking System

Warning Brake tests are to be conducted on a relatively level surface, away from traffic areas where other machines or persons may be moving around. Consider the possible consequences of testing a machine with braking inadequacies, and select an area where the test machine would not cause an accident due to these inadequacies.

NOTE: This test must ensure parking brake capabilities equal to or greater than the maximum specified gradeability of the machine.

- Weekly
1. Parking Brake Test.
 - a. With the engine operating and the machine stationary, apply the parking brake.
 - b. Release all other brakes.
 - c. Depress the tram pedal and hold it down, to engage hydraulics and throttle up the engine.
 - d. Actuate the directional joystick in either the forward or reverse direction, and hold during test.

If the parking brake is operating satisfactorily, the unit will not move when the above procedure is followed. If movement is detected, the parking brake must be repaired or adjusted.

C. Miscellaneous

- Weekly
1. The vehicle is equipped with at least one dry chemical fire extinguisher with a minimum of a 10A:60B:C NFPA rating. All fire extinguishers are fully charged.