

7. Daily Inspection and Maintenance

At the start of each work day (or 8 hour shift), the machine qualified operator must perform the Daily Inspection and maintenance (or Pre-Operation Inspection as it is sometimes referred to), as listed in the table below.

The purpose of the Daily Inspection and Maintenance is to keep the S3970RT / S3370RT / S2770RT in proper working condition and to detect signs of malfunction at the earliest possible time.

This chapter shows how to perform the inspection and maintenance required for each item in the daily inspection and maintenance table. The machine should be in the STOWED POSITION and the

Master Key Switch set to OFF before you begin this inspection.

Defective parts and/or equipment malfunctions jeopardize the safety of the operator and other personnel, and can cause damage to the machine.

▲ DANGER

The potential for an accident increases when operating a machine that is damaged or malfunctioning. Death or serious injury can result from such accidents. Do not operate a machine that is damaged or malfunctioning.

■ Daily Inspection and Maintenance Table

| Item | Service Required |
|---|---|
| Rough terrain scissor interlock tests | Perform the tests to ensure the system is functioning |
| Fuel level | Visually inspect |
| Fuel filter (diesel engines only) | Visually inspect (condition) |
| Fuel leaks | Visually inspect (hoses and connections etc) |
| Engine oil | Check oil level (between dipstick lines) |
| Engine coolant | Check fluid level and radiator hoses |
| Radiator cap | Visually inspect installation) |
| Swinging gate | Visually inspect (installation, operation) |
| Wiring harnesses and connectors | Visually inspect (installation, operation) |
| Battery terminals | Visually inspect (no corrosion) |
| Battery fluid level | Visually inspect (covers plates) |
| Hydraulic tank cap | Visually inspect installation) |
| Hydraulic oil level | Check fluid level (at line on side of tank) |
| Hydraulic oil leaks | Visually inspect (hoses,tubes) |
| Tires and wheels | Visually inspect (condition) |
| Bolts and fasteners | Visually inspect (looseness) |
| Structural damage and welds | Visually inspect (welds, cracks, dents) |
| Guardrails | Visually inspect (condition) |
| Lanyard anchorages (option) | Visually inspect (condition) |
| Bubble level on platform | Visually inspect (condition) |
| Guides, rollers and slides | Visually inspect (condition) |
| Non slip tread grip | Visually inspect (condition) |
| Wrist support | Visually inspect (condition) |
| Operator manual | Visually inspect (that the manual is in the holder) |
| Placards, decals, and Operators Manual | Visually inspect (installation and condition) |
| START THE ENGINE FROM THE GROUND CONTROL BOX | |
| Charging system | Check condition (gauge) |
| Ground controls | Actuate and visually inspect for operation |
| Emergency lowering | Check operation (causes correct motion) |
| Platform controls | Actuate and visually inspect for operation |
| Flashing light | Visually check (operation) |
| RCD / ELCB (option) | Check operation |
| Air filter | Check condition |
| Safety prop | Check operation |
| Parking brakes | Check operation |