

Full-Function Test Checklist

Once repairs have been completed, verify machine is back to normal operating conditions. A full function test will confirm it is operational or reveal other errors with the machine.

- 1) Verify Adequate voltage is present to the Control Board.
- 2) Prime Machine.
- 3) Add a quart in Inline mode.
 - a. 1qt = 10 seconds
- 4) Add a quart in Dipstick mode.
 - a. 1qt = 10 seconds
- 5) Perform a 3qt dipstick exchange.
- 6) Remove both quarts in dipstick mode.
 - a. 1qt = 40 to 50 seconds
- 7) Drain the waste tank.

Step 1:

- Check Voltage at the Board.
 - Press “0” on the keypad and scroll down until option “8-voltage monitor” appears. Select option “8”.
 - 12.6V>**FAIL** = **PASS**> 12.6V

If machine fails voltage check, refer to “Voltage Testing” in the Maintenance section of the Manual.

Step 2:

- Prime the machine
 - Press “0” on the keypad and select option “5-Prime Machine” from the main menu.
 - Attach Red & Black service hoses together. On TSD440’s attach the Red service hose to the male fitting on the left side of the machine.

Step 3:

- Add a quart in inline mode
 - Attach an open-end adapter to the Red Service Hose.
 - Press “0” on the keypad and select option “3-Add a quart”

Step 4:

- Add a quart in dipstick mode
 - Attached Red & Grey Service hoses to Dipstick Manifold.
 - Press “2” on the keypad or “0” to main menu and select option “2-Dipstick Exchange”.
 - Press “0” on the keypad and select option “3-Add a quart”.

Step 5:

- Perform 3qt dipstick exchange
 - Set quart amount on main screen to 3qts.
 - Press start on the keypad
 - Select “Normal Exchange” & “No Cleaning”
 - Run until completed

Step 6:

- Remove both quarts in dipstick mode
 - Press “0” on the keypad and select option “4-Remove a quart”
 - Repeat until all quarts are removed.

Step 7:

- Drain the waste tank
 - Attach an open-end adapter to the Red service hose.
 - Press “0” on the keypad and select option “7-Drain used tank”
 - Run until completed

When all step have been completed and no issues arise, the machine is fully operational and ready for service.