

Protect Your Pump from Unnecessary Repairs

Avoid Overheating in Bypass

Your Hotsy pressure washer should not be run in bypass mode continuously. When running a pressure washer with the trigger gun closed, there is less than a cup of water circulating in the pump. This is the quickest way to damage the seals in the pump. The equipment becomes hot very quickly as heat is transferred from the crankcase through the plungers directly to the seals. The larger the unit the quicker they overheat.

Standard seal life without fresh water flowing through the pump is 57 minutes on a belt drive low RPM unit – faster on higher RPM direct drive or 3450 RPM systems.

Irreparable damage to your pump will occur when the water temperature exceeds 60°C (140° F). Opening the trigger gun replaces water in the loop and prevents pump damage from high temperatures.

How to protect your pump

1. Remote Start Option

A remote start option allows you to install your pressure washer away from the wash location and provides you with three 2 position switches to turn the pump on/off, the burner on/off, and the soap on/off.

All switches are mounted in a weatherproof enclosure and operate at low voltage to prevent shock hazard. A remote start is a very convenient option for remote applications but quite often the pressure washer cannot be seen or heard causing operators to leave the unit running for extended periods of time with the trigger gun closed and in time damaging the pump. In almost all applications a remote start/shutdown timer, although more expensive, is a much better option. It will save wear and tear on pumps and overall maintenance costs.

Remote start control boxes can also have extra functions added such as wax, foam-brush, or both.

The cost to add the shutdown timer option is less than the pump repair if it is left running with the gun closed for a couple of hours.



2. Shutdown Timer

A shutdown timer option can be added to most pressure washers. It is intended to be a safety shutdown for a unit that is installed close enough to the wash site that it does not require remote starting. If the trigger gun is left closed for an extended length of time, a pre-set timer will shut the pump off saving wear and tear on the pump and related components.

If left running the repairs to the pump will cost more than the shutdown timer. In almost all situations permanently installed pressure washers should have a shutdown timer installed; it is just a matter of time until someone walks away and leaves the unit running.

No electric pressure washer over 5 HP should be permanently installed without some type of shutdown timer.

Call your local branch for more information and pricing on these options.