



INSTRUCTIONS

This manual contains important warnings and information.
READ AND KEEP FOR REFERENCE.

GM 3000® AIRLESS PAINT SPRAYERS

Pressure Control Switch Replacement Kit 238-799

GENERAL REPAIR INFORMATION

WARNING



INJECTION HAZARD

The system pressure must be manually relieved to prevent the system from starting or spraying accidentally. Fluid under high pressure can be injected through the skin and cause serious injury. To reduce the risk of an injury from injection, splashing fluid, or moving parts, follow the **Pressure Relief Procedure** whenever you:

- are instructed to relieve the pressure,
- stop spraying,
- check or service any of the system equipment,
- or install or clean the spray tip.

Pressure Relief Procedure

1. Engage the gun safety latch.
2. Turn the engine switch to OFF.
3. Move the pressure control ON/OFF switch to OFF.
4. Disengage the gun safety latch. Hold a metal part of the gun firmly to a grounded metal pail. Trigger the gun to relieve pressure.
5. Engage the gun safety latch.
6. Open the pressure drain valve. Leave the pressure drain valve open until you are ready to spray again.
7. Disconnect the spark plug cable.

If you suspect that the spray tip or hose is completely clogged, or that pressure has not been fully relieved after following the steps above, **VERY SLOWLY** loosen the tip guard retaining nut or hose end coupling to Relieve the pressure gradually, then loosen completely. Now clear the tip or hose.

Replacement

WARNING

To reduce the risk of serious injury, follow the **Pressure Relief Procedure** on page 1 before performing this procedure.

NOTE: See Fig. 1 for this procedure.

NOTE: The pressure control (25) cannot be repaired or adjusted. If it has malfunctioned, replace it.

1. Remove the front cover (9). Remove the screws (65) and lock washers (37). Lower the junction box (63).
2. Disconnect the harness connector (A) from the control module inside the box (63).
3. Remove the screws (24). Pull forward on the pressure adjusting knob and tip the pressure control (25) forward and up to detach it from the drive housing (6).
4. Guide the harness (A) through the pinion housing and drive housing and remove the pressure control.
5. Guide the harness of the new pressure control through the drive housing and pinion housing passages.
6. Install the new pressure control. Tip the pressure control down and back into the drive housing (6). Do not pinch or damage the harness (A).

7. Loosely install the screws (24) and then torque them to 21 in-lb (2.4 N.m).
8. Install the front cover (9). Connect the harness (A) to the control module leads (B).
9. Install the junction box. Be sure no leads are pinched against the mounting face of the pinion housing.

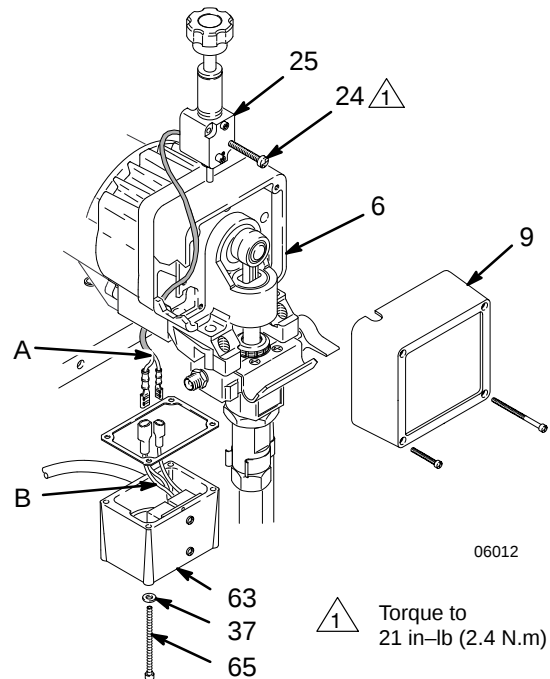


Fig. 1

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