30440 Agoura Road
Agoura Hills, CA 91301 USA
Toll Free: (800) 253-2363
Telephone: (805) 933-9970
bendpak.com

UPDATED INSTALLATION INSTRUCTIONS INCLUDED!

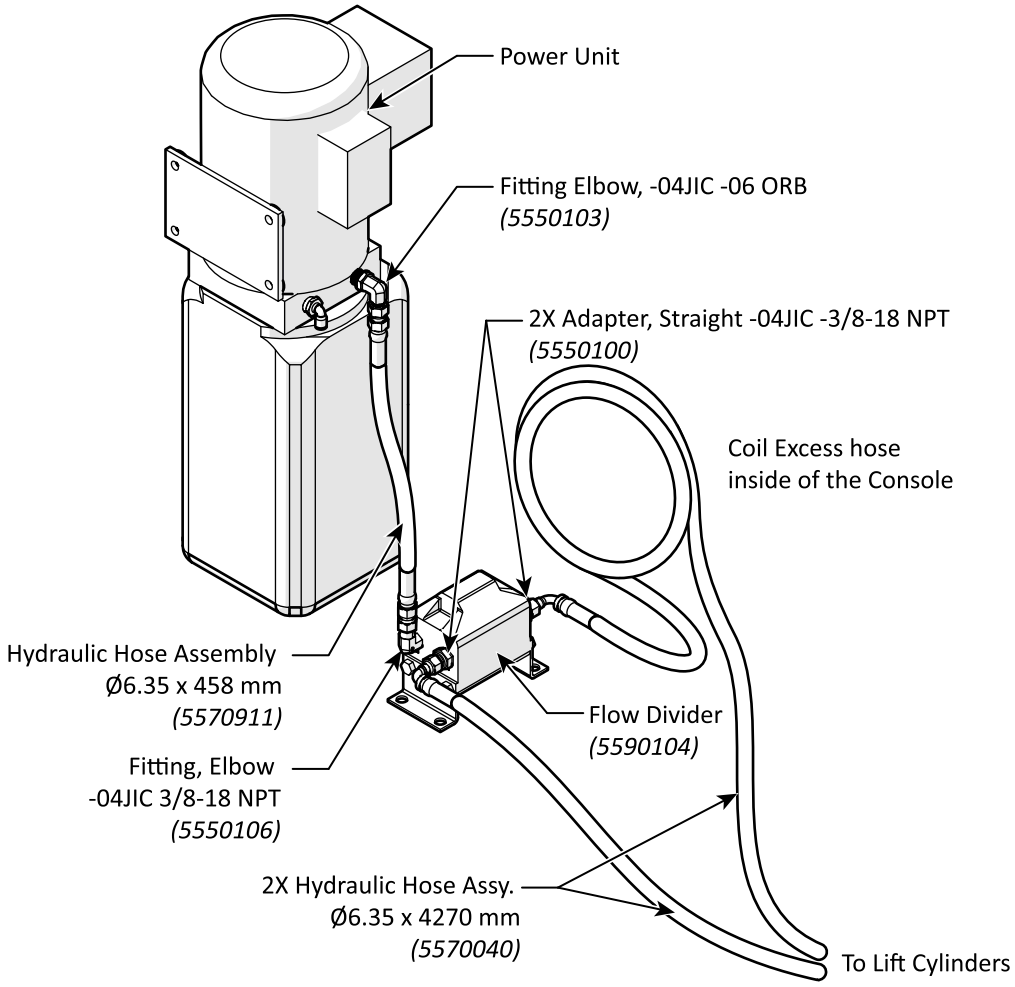
READ ME FIRST!

BendPak Technical Service Bulletin
P-9000LT/F Installation and Operation Manual Changes

BendPak TSB 136-052024

The purpose of this TSB is to describe changes to the current P-9000LT/F Installation and Operation Manual, 5900022, Rev. C1 affecting changes to pp. 28 through 32 and 55-56 of the manual:

- The Power Unit delivered with the P9000LT/F is designed to be used with a flow divider. This flow divider separates the Hydraulic Fluid Flow from the power unit into two circuits and ensures a smooth equal flow of hydraulic power to each.
- The hydraulic hose connections to the Power Unit differ from the connections currently described in the Installation and Operation Manual.
- New wiring diagrams are included for the power unit, replacing pp. 55-56 of the manual.
- The recommended Hydraulic Fluid differs from the fluid currently recommended in the Installation and Operation Manual. BendPak recommends using SAE 30 Conventional detergent motor oil with this Power Unit and Flow Divider. The figure below provides an overview of the Hydraulic connections to the Power Unit and Flow Divider covered in this TSB and assumes the Power unit is currently installed in the Console.

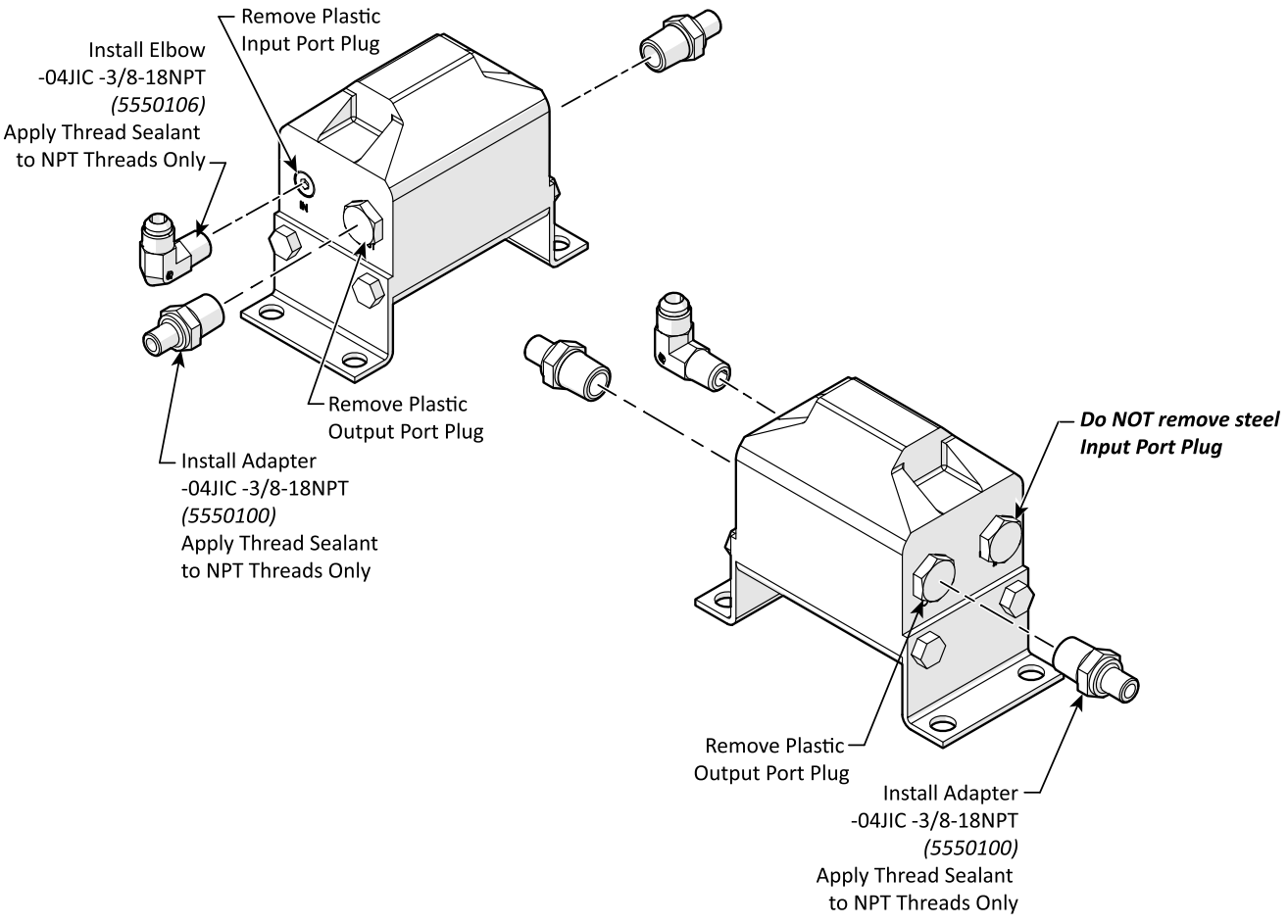


To use a Flow Divider with your P-9000LT:

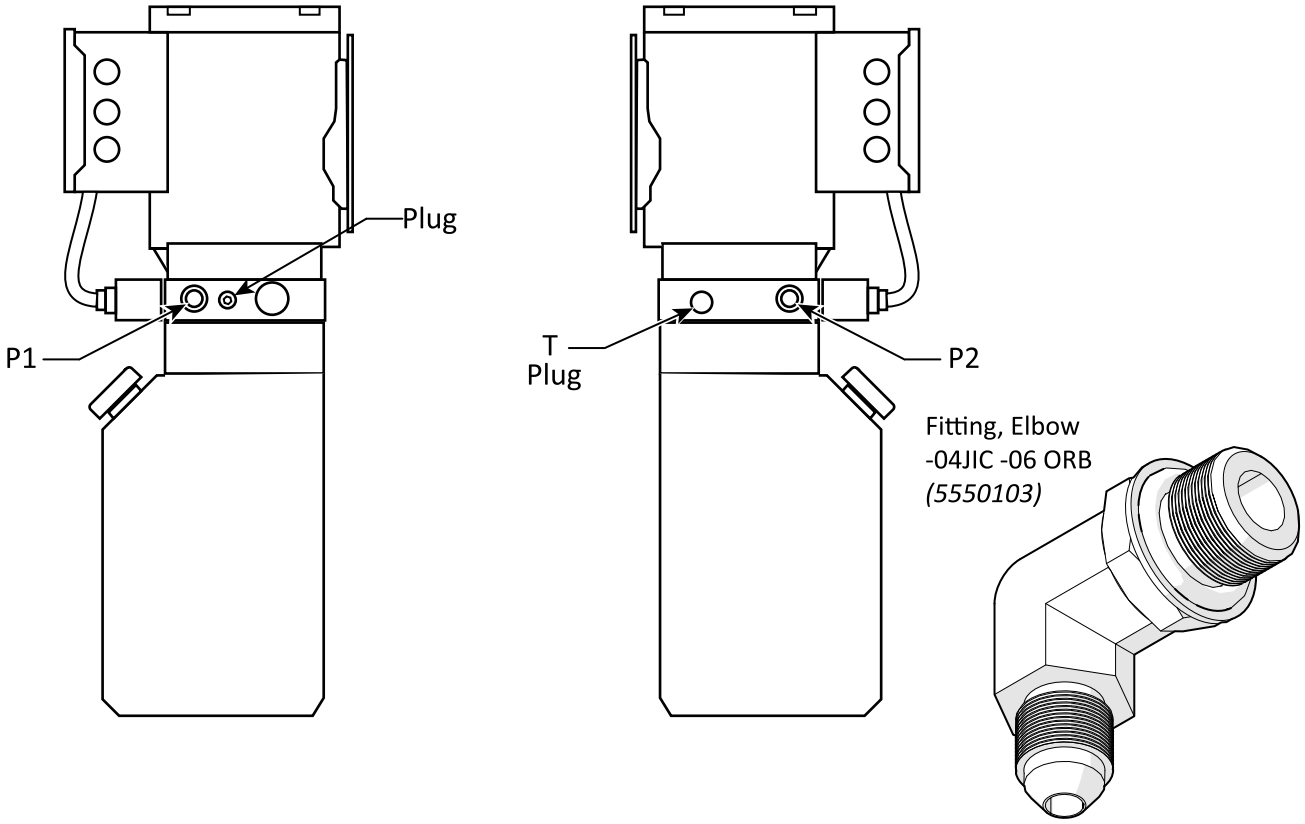
1. Find a clean place to assemble the components and verify all components are clean to prevent contaminating the Hydraulic System during assembly.
2. Retrieve the following:

Qty.	Description	Part Number
1	Flow Divider	559014
2	Adapter -04JIC -3/8-18NPT	5550100
1	Elbow -04JIC to 3/8-18NPT	5550106
1	Thread Sealant, liquid	5580012
1	-04JIC -06ORB	5550103
2	Nipple -4JIC x -04JIC	5550095

3. Remove the one plastic Input Port and two plastic Output Port plugs from the Flow Divider. Refer to the figure below.
4. Verify the steel plug on the unused Input Port is tight. Refer to the figure below.
5. Apply Thread Sealant to the Elbow (5550106) and thread into the input port on the flow divider. Refer to the figure below. Apply the thread sealant when the ambient temperature is between +46.5°F to +70°F (+8°C to 21°C) Refer to the figure below.
6. Apply Thread sealant to the two Adapters (5550100) and thread into the two output ports. Refer to the figure below.



7. Retrieve the Elbow fitting with the O-ring boss -04JIC -06ORB (5550103). Apply a few drops of hydraulic fluid to the O-ring and install in either the P1 or P2 Port on the Power Unit. These ports are identified on the power unit. Verify their location before installing the Fitting. *No thread sealant is required on this fitting*. Refer to the figure below for the **5585239** port locations. Verify the unused Output Port on the Power Unit is securely plugged.

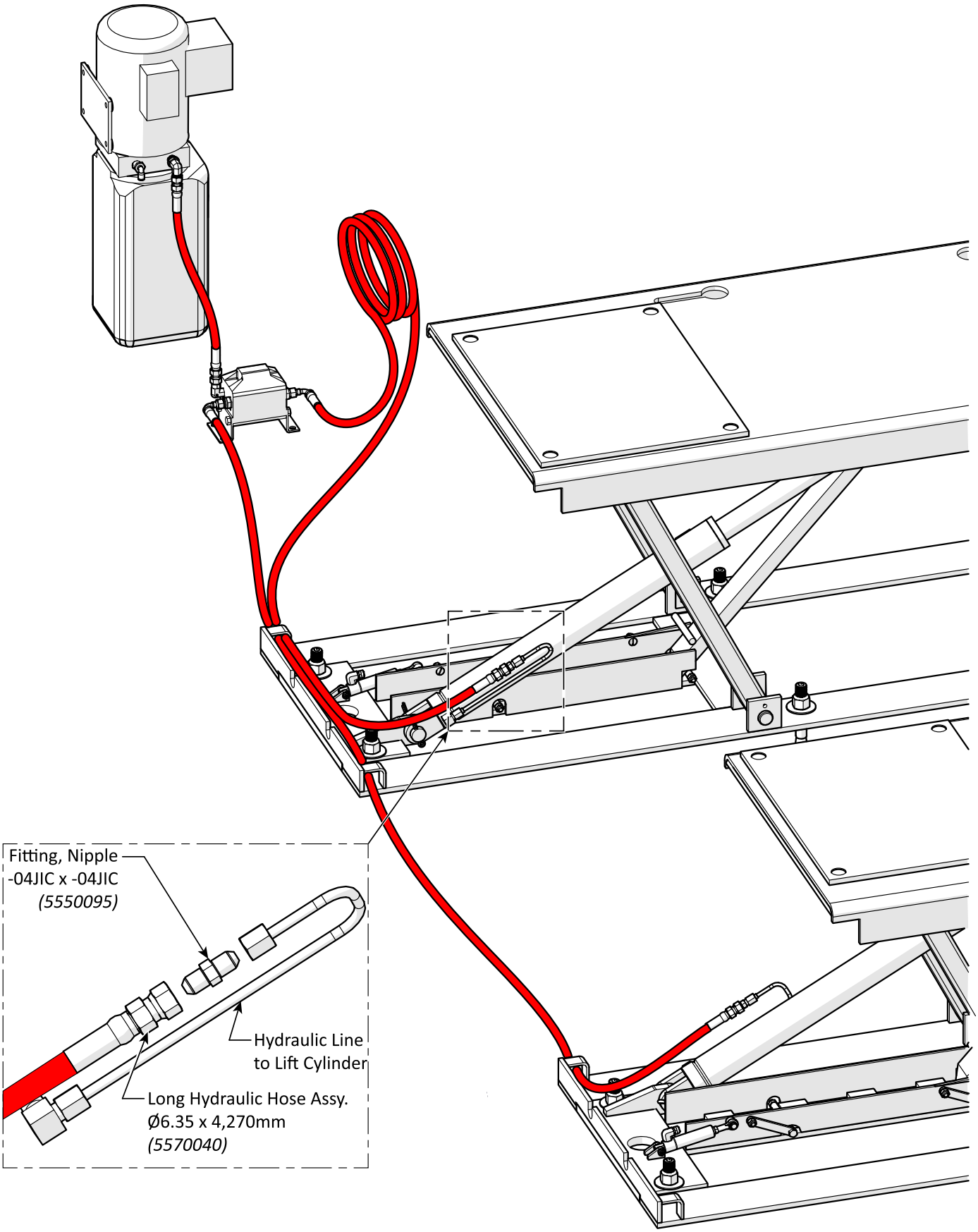


8. Retrieve the Hydraulic Hose Assembly Ø6.35 x 458 (5570911) and attach one end of the hose to the JIC Elbow fitting just installed on the Power Unit P1 or P2 Output Port.
9. Attach the other end to the Elbow fitting on the Flow Divider's Input port.
10. Retrieve the two Long Hydraulic Hoses Ø6.35 x 4,270mm. Connect one 90° end of each hose to the Flow Divider Output Adapters and route the hoses to the Lift Cylinders through the retaining rings in the corners of each Lift base. Any excess hose should be coiled to remain in the console.

IMPORTANT! Verify both Hydraulic Hoses are correctly routed and ***do not*** have any kinks, or pinches and will not bind or become trapped in the Lift mechanism, then use appropriate tools to systematically **securely** tighten all connections.

11. Attach the open end of the Long Hydraulic Hoses to a Nipple 5550095 and then to the Metal Hydraulic Line leading to the Lift Cylinder. Refer to the figure on the next page for Hose Routing.
12. Systematically tighten ***all*** hydraulic fittings and plugs using the appropriate tools.
13. Fill the Power Unit's Fluid reservoir with SAE 30 Conventional detergent motor oil. The higher viscosity, when compared to ATF, helps to prevent cross-migration of fluid across the internal flow-divider components. The use of other lower viscosity fluids such as AW32, AW46, or ATF (Automatic Transmission Fluid) is **not recommended** and may adversely affect the performance and safety of the Lift system.

Hose Routing

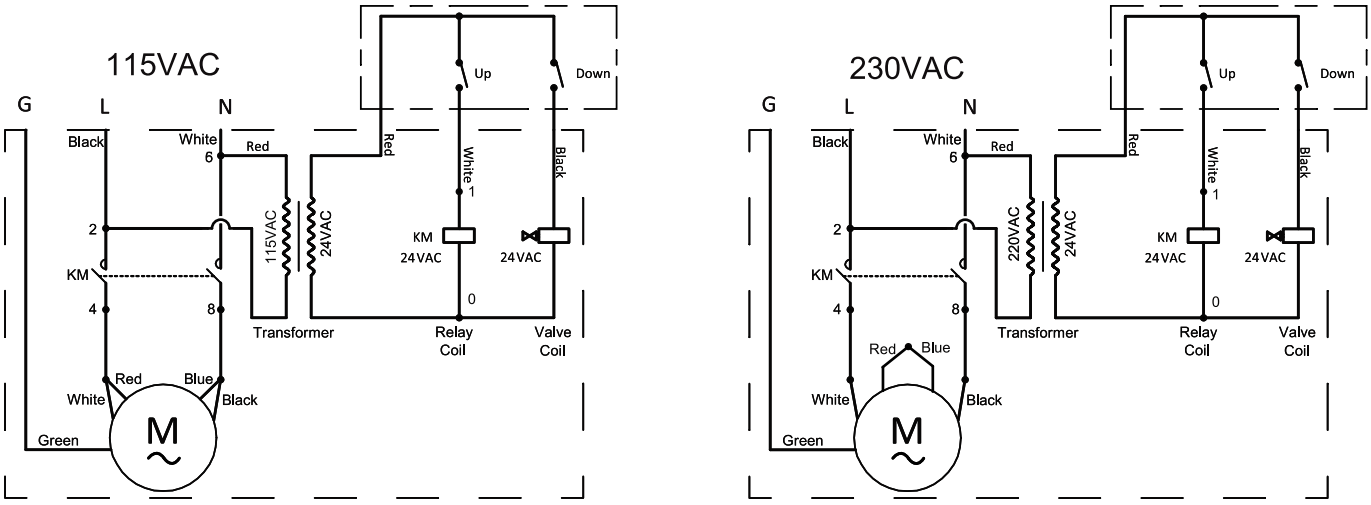


Electrical Wiring Diagram

Power Unit 5585239 may be configured for 115VAC or 230VAC. Verify the configured voltage before connecting to electrical service. The data plate on the motor will provide this information.

⚠ DANGER All wiring ***must*** be performed by a licensed Electrician in accordance with all national, state, and local electrical codes. Verify that main electrical power has been disconnected from the Lift and cannot be re-energized until all procedures are complete. If your organization has Lockout/ Tagout policies, make sure to implement them after connecting the Lift to power.

Important! A Power Disconnect and Thermal Disconnect are not supplied with this Lift. These components must be supplied and installed by a licensed Electrician in accordance with the National Electrical Code (NEC). The Thermal Disconnect while not an NEC requirement may be required by local electrical code.



If you experience difficulties with your P-9000LT/F, visit **bendpak.com/support**, email **techsupport@bendpak.com**, or call **(800) 253-2363**.