

# Connection to Trunk Housing – 4400 Series Power Paks

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## CONNECTING POWER PAK TO TRUNK HOUSING

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4400 Series Power Paks require rigid fittings with a minimum pressure rating of 150 psig. Use Coolant Connector Kit #63335 to connect Power Pak to Trunk Housing.

- Inspect pump outlet port for debris. Insert barbed fitting #63307 into pump outlet port.
- Inspect Glycol Return Manifold inlet for debris. Insert barbed fitting #63307 into return manifold inlet port.
- Cut supplied coolant tubing, #54588, to required length to reach from Power Pak to Trunk Housing connection point.
- Cut tubular insulation sleeve, #C12700, in half and install over previously cut coolant tubing.
- Take oetiker clamps, #54871-198, and install over coolant tubing ends.
- Push coolant lines, one each over pump outlet barbed fitting #63307 and return manifold barbed fitting #63307.
- Position oetikers over barbed fitting and clamp securely.
- Slide tubular insulation sleeves tightly against connection points. Use insulation tape as necessary to ensure an air tight seal to prevent excessive heat gain or condensation problems.
- Drill a 3 1/2" diameter hole in walk-in cooler to accommodate coolant lines.
- Install insulating donuts over hole (both inside and outside of cooler walls).
- Slide large insulation sleeve, #57478, over remaining coolant tubing exposed to warm air conditions including inside walk-in cooler from Power Pak to Trunk Housing connection point. Seal and tape all seams to prevent excessive heat gain or condensation problems.

- Slide coolant lines through 3 1/2" donut hole previously cut in walk-in cooler wall.
- Position Trunk Housing coolant lines and Coolant Connector kit lines in horizontal position, to alleviate condensation runoff into Trunk Housing.
- Cut Trunk Housing coolant lines with tubing cutter to ensure clean burr free ends.
- Take oetiker clamps #54871-198, and install over coolant connector kit tubing ends.
- Slide coolant connector kit tubing over the trunk housing coolant lines and secure using above oetikers..
- Complete the insulation process by ensuring that all coolant lines are well insulated including all seams to prevent excessive condensation and heat gain.
- Seal donut hole to ensure an air tight seal to prevent walk-in cooler problems as well as condensation.

## Connecting Trunk Housing Coolant Lines To Dispensing Head

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- Position the trunk housing so that beverage lines can be connected with a minimum cutting.
- Split trunk housing approximately 12 inches from the end to allow working room for the connections.
- Cut and deburr copper coolant lines coming from trunk housing and dispensing head. Stagger the lengths.
- Connect trunk housing coolant lines to dispensing head coolant lines using clamps, hose and 3/8" x 1/2" union, included in Head connecting kit, #63486. Ensure that coolant lines are fully clamped to guarantee a leak free connection.

