

INSTALLATION INSTRUCTIONS

Compressor Service Replacement Kit

SAFETY

 **WARNING:**

Before starting installation, read and understand all safety label and warnings on the machine. Also review and understand all safety instructions in the owners, installation and service manuals.

Failure to comply could result in serious injury, death or damage to the equipment.

QUALIFIED SERVICE PERSONNEL

 **WARNING:**

Only trained and certified electrical, plumbing and refrigeration technicians should service this unit.

All wiring and plumbing must conform to national and local codes. Failure to comply could result in serious injury, death or equipment damage.

SAFETY PRECAUTIONS

This unit has been specifically designed to provide protection against personal injury. To ensure continued protection observe the following.

 **WARNING:**

Disconnect power to the unit before servicing. Follow all lock out/tag out procedures established by the user. Verify all power is off to the unit before performing any work.

Failure to comply could result in serious injury, death or damage to the equipment.

 **CAUTION:**

Always be sure to keep area around the unit clean and free of clutter.

Failure to keep this area clean may result in injury or equipment damage.

The instructions below describe how to install a replacement refrigeration compressor for P/N 629087567, 629087568 and 629087569.

Power	Compressor	Overload	Relay	For Use ON
115/60	2129	4298	3128	629087567
230/50	2519	3142	3143	629087568
230/60	620607906	850000625	850000626	629087569

LOOSE-SHIPPED PARTS

Unpack and inspect the Kit. Make sure all parts listed are present and in good condition.

Loose-Shipped Parts			
Item No.	Part No.	Name	Qty.
1	620051219	Adaptor Bracket	2
2	319941000	Self-Threading Screw, 8-32 Slotted - Hex Head	4
3	620313396	Wire Harness Assembly	1
4	189723000	Grommet	4
5	317781000	Bushing	4
6	398034400	Hitch Pin	4
7	187638000	Elec Cover	1
8	187636000	Bale Strap	1



Figure 1. New Compressor on adapter bracket, with grommets, bushing, and hitch pins.

COMPRESSOR REPLACEMENT INSTRUCTIONS

1. Disassemble and remove the existing compressor per established procedures in handling refrigerants.
2. Position new compressor, with grommets, onto refrigeration base. If the compressor mounting hole pattern does not align with the refrigeration deck legs, go to step 4. If it does align, go to step 5.
3. Install adapter bracket onto the new compressor with the bracket holes away from the compressor. The refrigeration deck compressor mounting legs must be forced downward to clear the new compressor. Position the new compressor on center with the old compressor center.

NOTE: The suction and discharge ports may be higher on the new unit, but the orientation relative to the compressor shell is the same. The adapter bracket has a 4-hole mounting patten. Mark the deck with a pair of suitable holes on each bracket. Drill holes in the deck at the marked locations with a .140 (9/64) diameter drill bit. Use the supplied self threading screws to attach the adapter brackets to the deck.

4. Install the compressor to the deck (legs or adapter bracket) with the hitch pins supplied.
5. Connect suction and discharge lines, braze, evacuate and charge with refrigerant as per established procedures in handling refrigerants.
6. Install and connect electrical components.
7. Connect electrical power and confirm proper operation.