

Shipping and Packing List

Package 1 of 1 contains:

- 1- High pressure switch (2 in 42W97; 4 in 43W00)
- 1- Wire harness
- 1- Tee (2 in 42W97; 4 in 43W00)

Application

High pressure switches open to de-energize appropriate compressor at 450 psig \pm 10 psig (3100 kPa \pm 70 kPa). Switch must be manually reset.

See table 1 for usage.

⚠ WARNING

Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Installation and service must be performed by a qualified installer, service agency or the gas supplier

Installation

- 1- Disconnect all power to unit and open compressor access panels.
- 2- Refer to table 1 for location of pressure tap(s). Remove and retain pressure tap cap for each refrigerant circuit.

Note - Gloves are recommended for use when installing pressure switches.

- 3- Install tee on pressure tap. Install the high pressure switch on one of the tee Schrader fittings and the retained cap on the other Schrader fitting. Check system for leaks.

Note - Multiple-compressor units will have a tee and pressure switch for each refrigerant circuit.

- 4- Connect wire harness provided in kit. Refer to table 1 for appropriate figure.

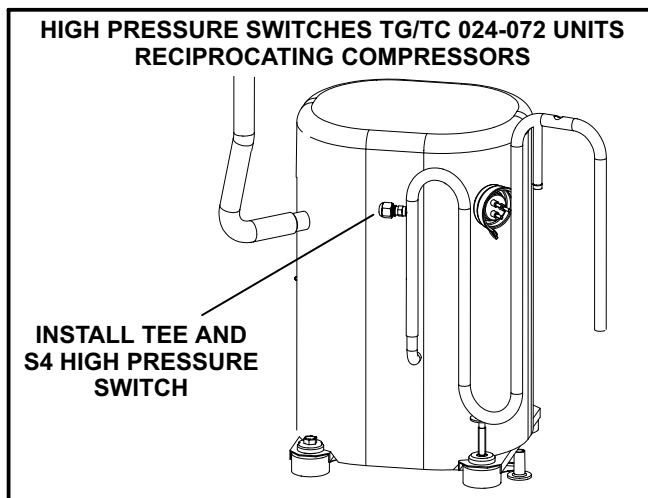


FIGURE 1

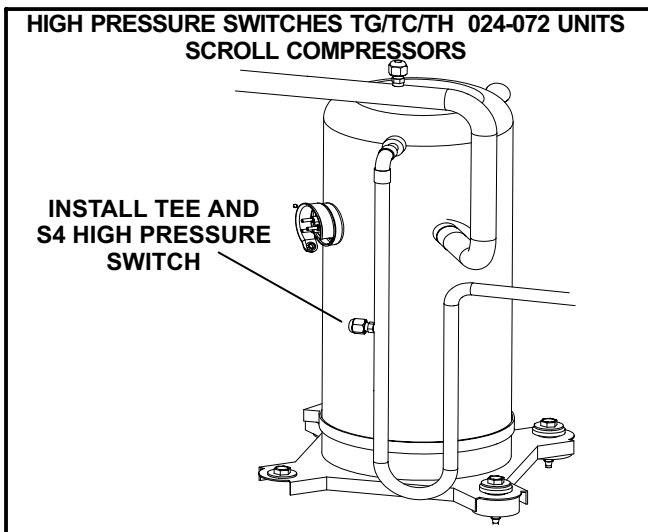


FIGURE 2

TABLE 1

Unit	Kit	Pressure Tap Location	Wiring
TG/TC 024-072	LB-107318AT; 43W02	Figure 1 (Reciprocating Compressor) Figure 2 (Scroll Compressor)	Figure 4
TH 024-072	LB-107318AW; 43W03	Figure 2 (Scroll Compressor)	Figure 7
TG/TC 090-150	LB-1097318AM; 42W97	Figure 3	Figure 6
TG/TC 180-300S	LB-107318AR; 43W00	Figure 5	Figure 8



CAUTION

Danger of sharp metallic edges. Can cause injury. Take care when servicing unit to avoid accidental contact with sharp edges.

HIGH PRESSURE SWITCHES TG/TC 090-150 UNITS

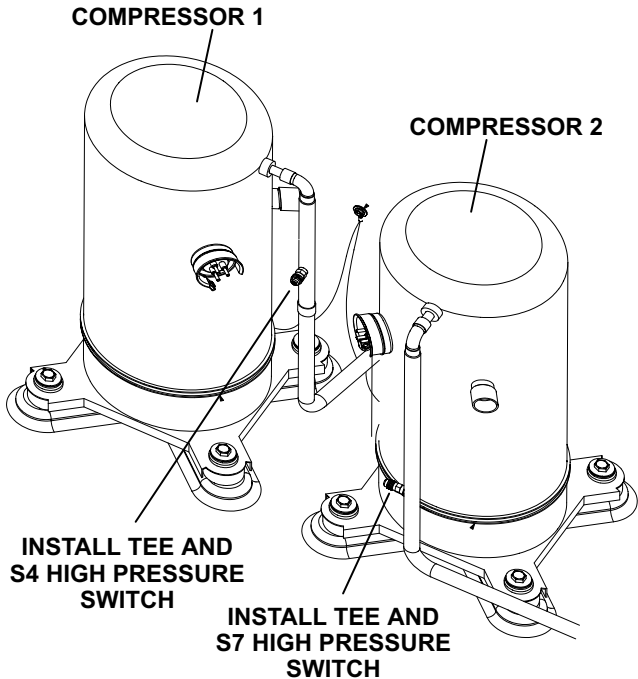


FIGURE 3

WIRING - TG/TC 024-072 UNITS

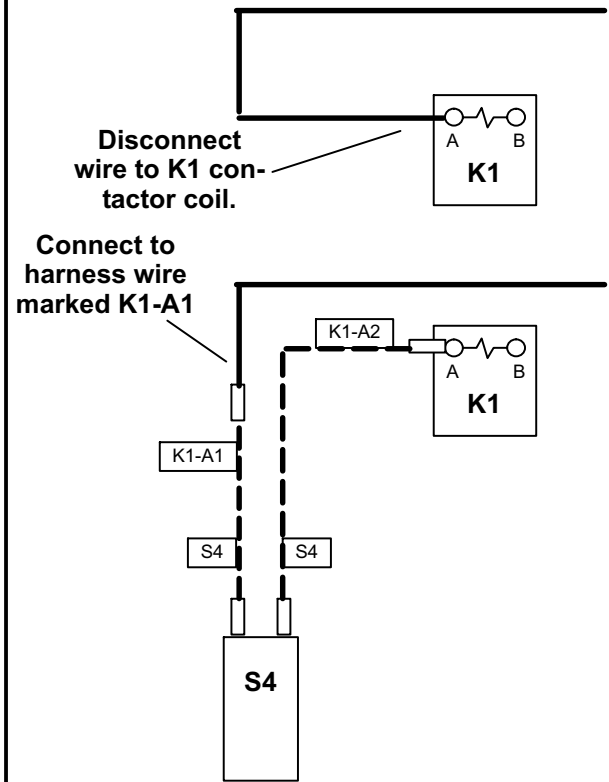


FIGURE 4

HIGH PRESSURE SWITCHES TG/TC 180-300S UNITS

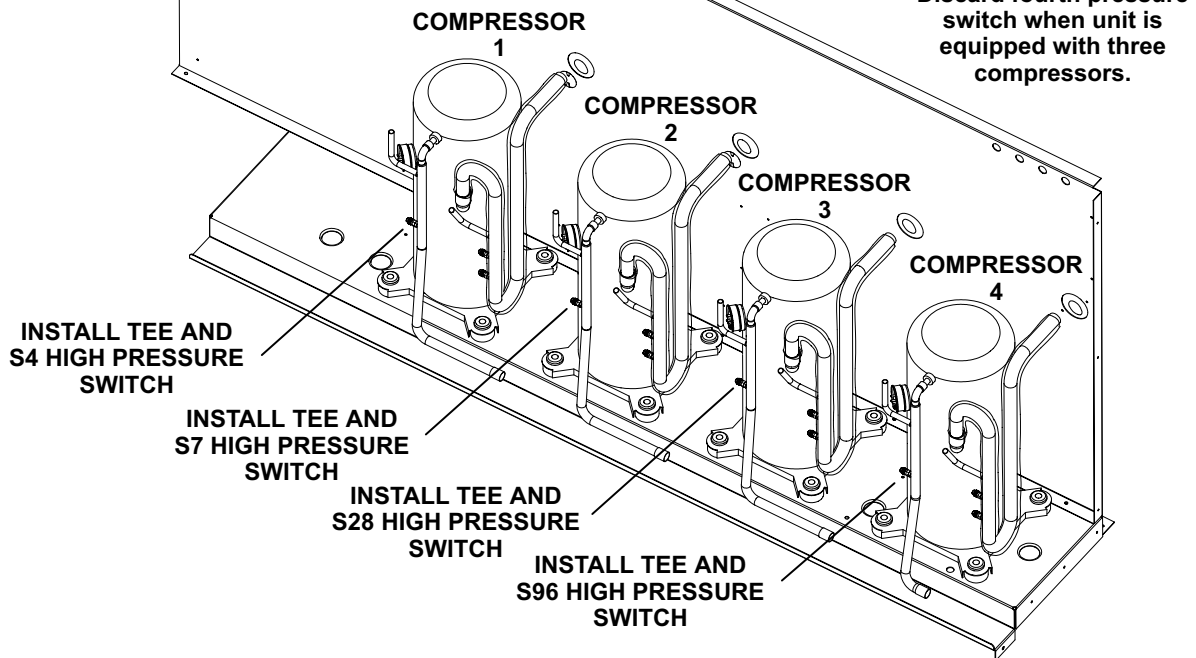


FIGURE 5

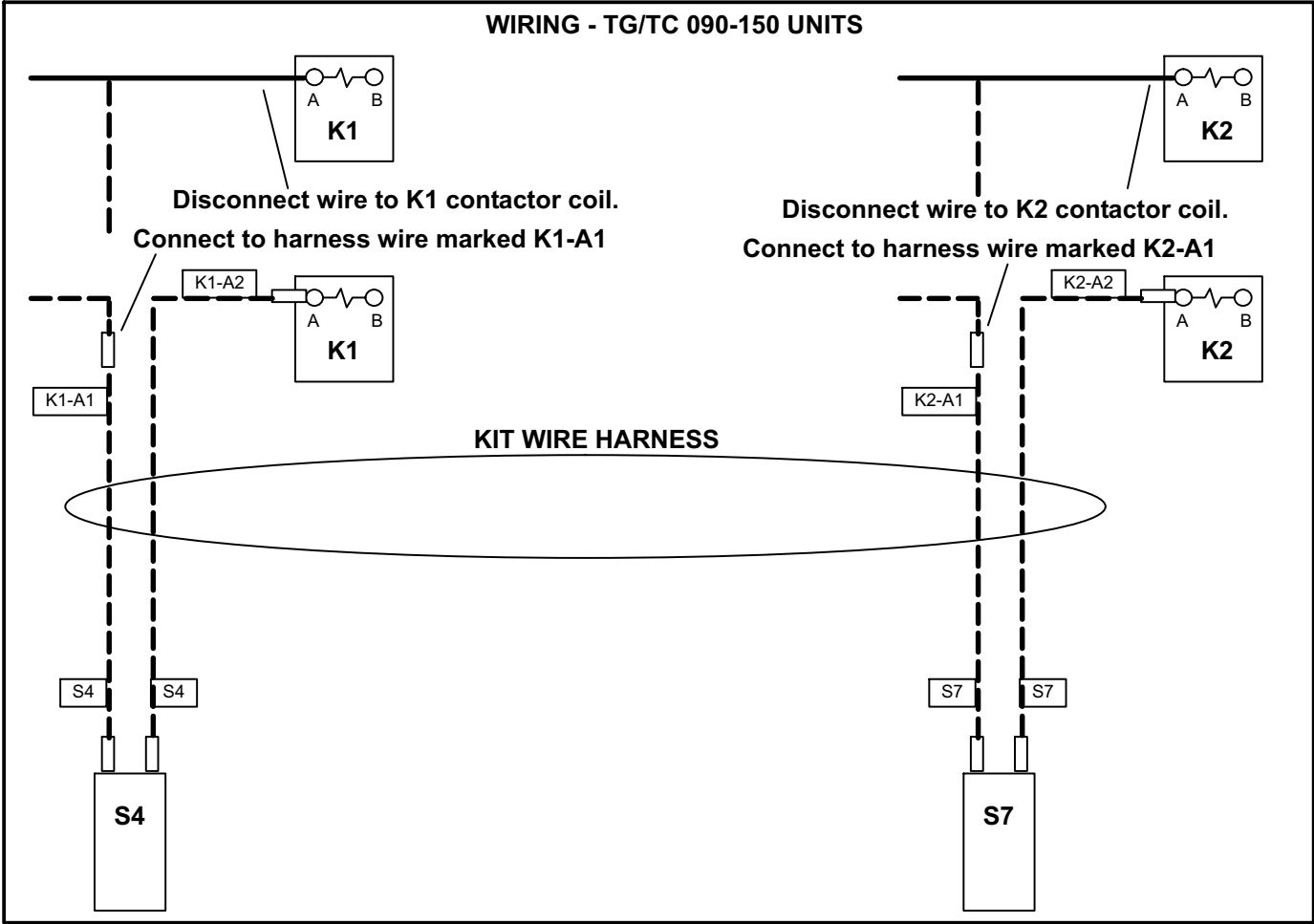


FIGURE 6

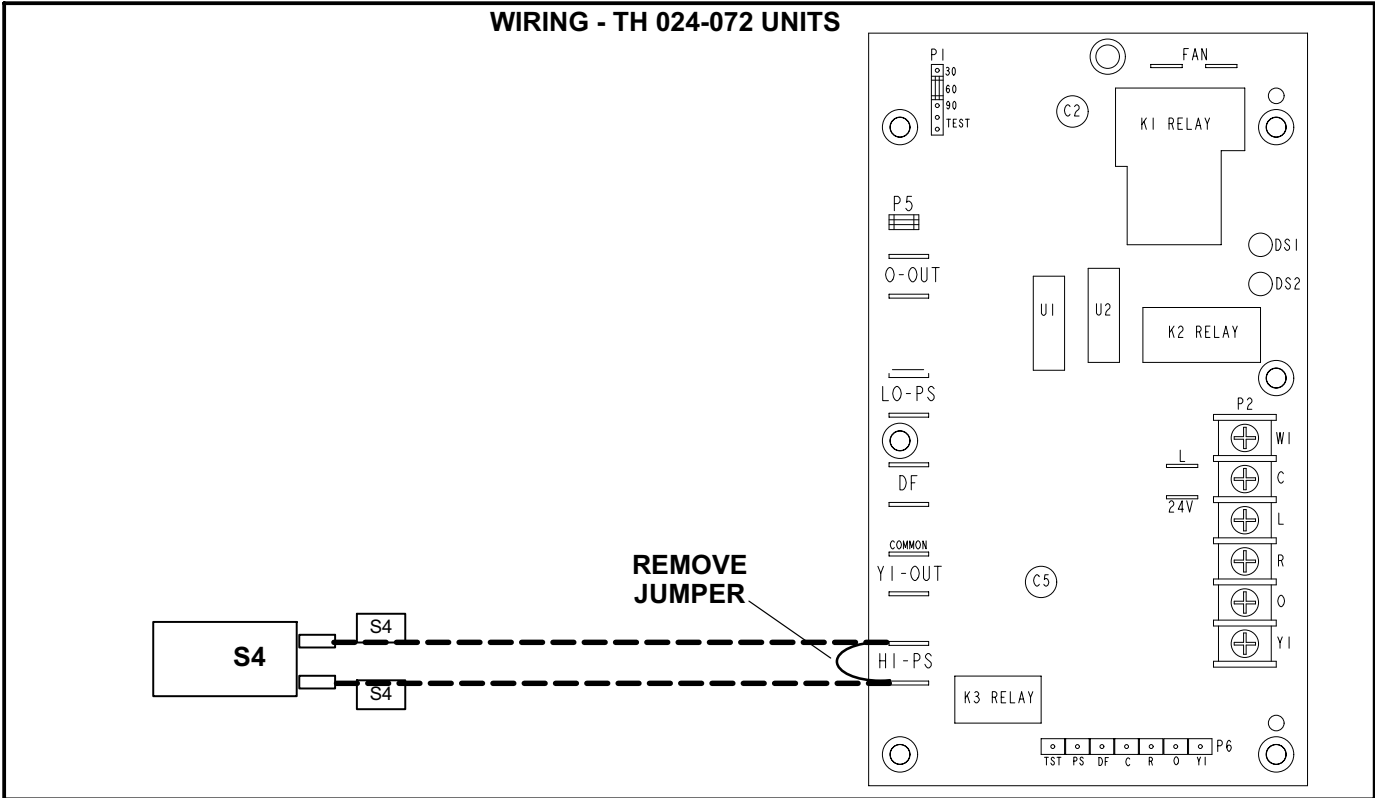
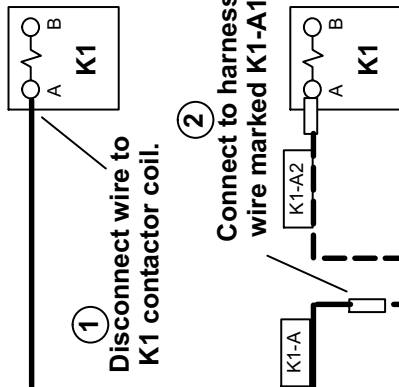


FIGURE 7

WIRING - TG/TC 180-300S UNITS

S4 WIRING



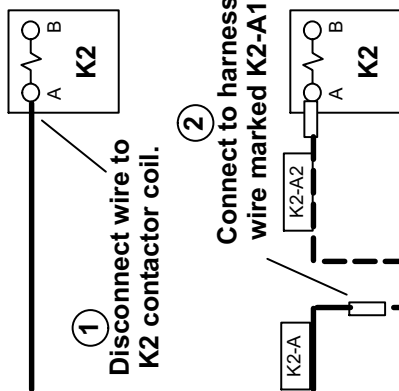
① Disconnect wire to K1 contactor coil.

② Connect to harness wire marked K1-A1

--- Kit Wire Harness

— Factory wiring

S7 WIRING



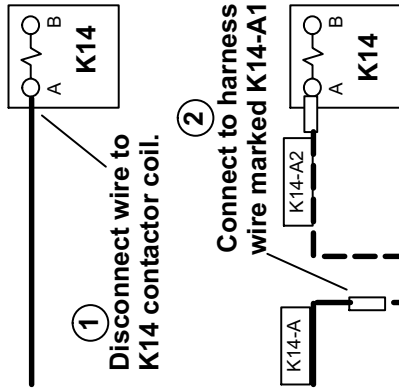
① Disconnect wire to K2 contactor coil.

② Connect to harness wire marked K2-A1

--- Kit Wire Harness

— Factory wiring

S28 WIRING



① Disconnect wire to K14 contactor coil.

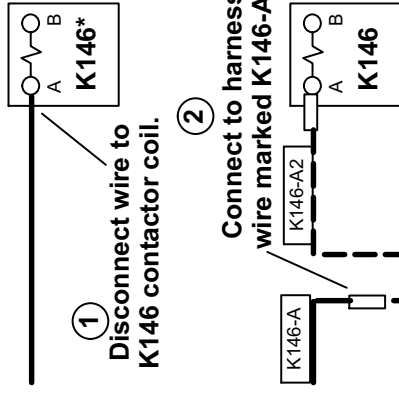
② Connect to harness wire marked K14-A1

--- Kit Wire Harness

— Factory wiring

S96 WIRING

On units equipped with three compressors, tape and secure unused connections away from other components.



① Disconnect wire to K146 contactor coil.

② Connect to harness wire marked K146-A1

--- Kit Wire Harness

— Factory wiring

FIGURE 8