

PREVOST

Instruction Sheet

IS-00051A

CONDENSER (XL, XLII & H3) AND EVAPORATOR FAN (H5-60) DRIVE MOTOR REPLACEMENT

REVISION : A

Drive motor added to kits.

MATERIAL

Kit #453624 includes the following parts:

Part No.	Description	Qty
283482	Shim	2
453685	Shim	1
453687	Shim	1
500462	Washer, flat 5/16 X 1 ½	2
563062	Motor T11G ½ HP, 8" long shaft (CCW rotation)	1
IS-00051	Instruction Sheet	1
FI-00051	Feuille d'instructions	1

Kit #453625 includes the following parts:

Part No.	Description	Qty
283482	Shim	2
453685	Shim	1
453687	Shim	1
500462	Washer, flat 5/16 X 1 ½	4
563051	Motor T11G ½ HP, 2" long shaft (CCW rotation)	1
IS-00051	Instruction Sheet	1
FI-00051	Feuille d'instructions	1

Kit #453626 includes the following parts:

Part No.	Description	Qty
064900	Motor T11G ½ HP, 8" long shaft (CW rotation)	1
283482	Shim	2
453685	Shim	1
453687	Shim	1
500462	Washer, flat 5/16 X 1 ½	2
IS-00051	Instruction Sheet	1
FI-00051	Feuille d'instructions	1

PROCEDURE

Warning: Park vehicle safely, apply parking brake, stop engine and set battery master switch(es) to the OFF position prior to working on the vehicle.

1. Remove the drive motors protective cover. Disconnect the power supply cables connected to the drive motor screw terminals.
2. Dismount the drive motors and separate the fan from the shaft. Keep the hardware for later use.
3. Fix the fans onto the shafts and install the new drive motors as per figure 1, 2 or 3 depending on the type of vehicle. Use the included shims to center the fan in the circular opening.

Note: On H5-60 series vehicles, the shims might not be necessary.

4. Reconnect the power supply cables as described in figure 4 or 5 depending on the type of vehicle. Apply a coat of rubber protector Color Guard (Prevost #684013) on the terminals to protect against corrosion.

Note: The negative screw terminal (-) is on the shaft side and the positive screw terminal is the one in the middle (see figure 4).

5. Fix the protective covers to #453687 shims where applicable. If needed, place a flat washer between the cover and the support.
6. Test the functioning of the system.

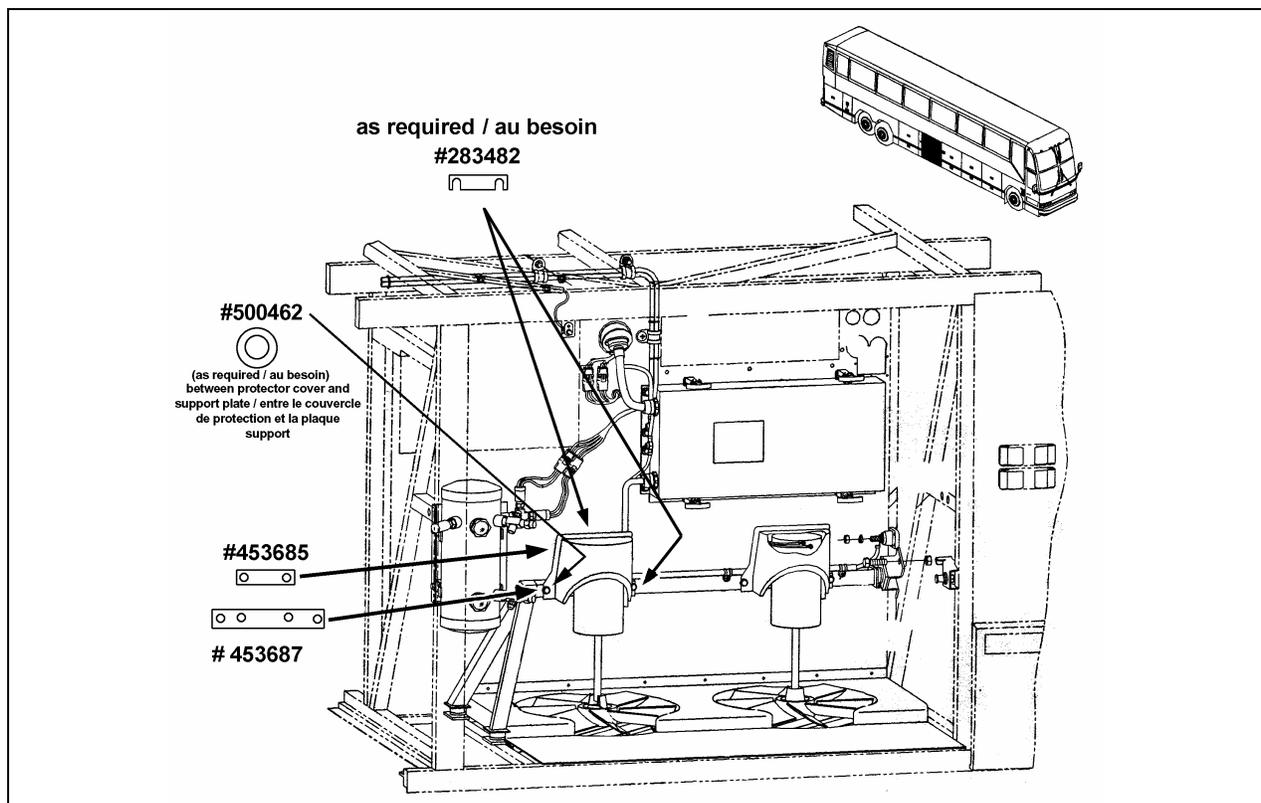


FIGURE 1: H3 SERIES, UP TO V-1961

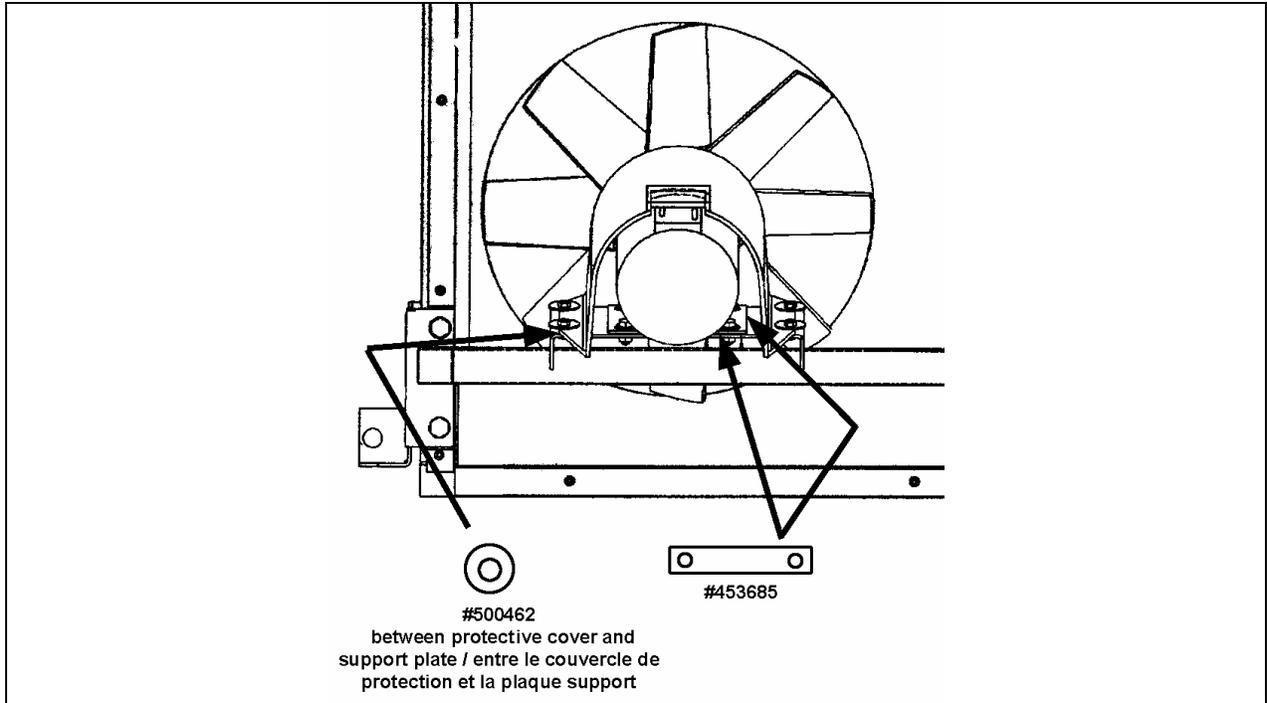


FIGURE 2: H3 SERIES, FROM V-1961

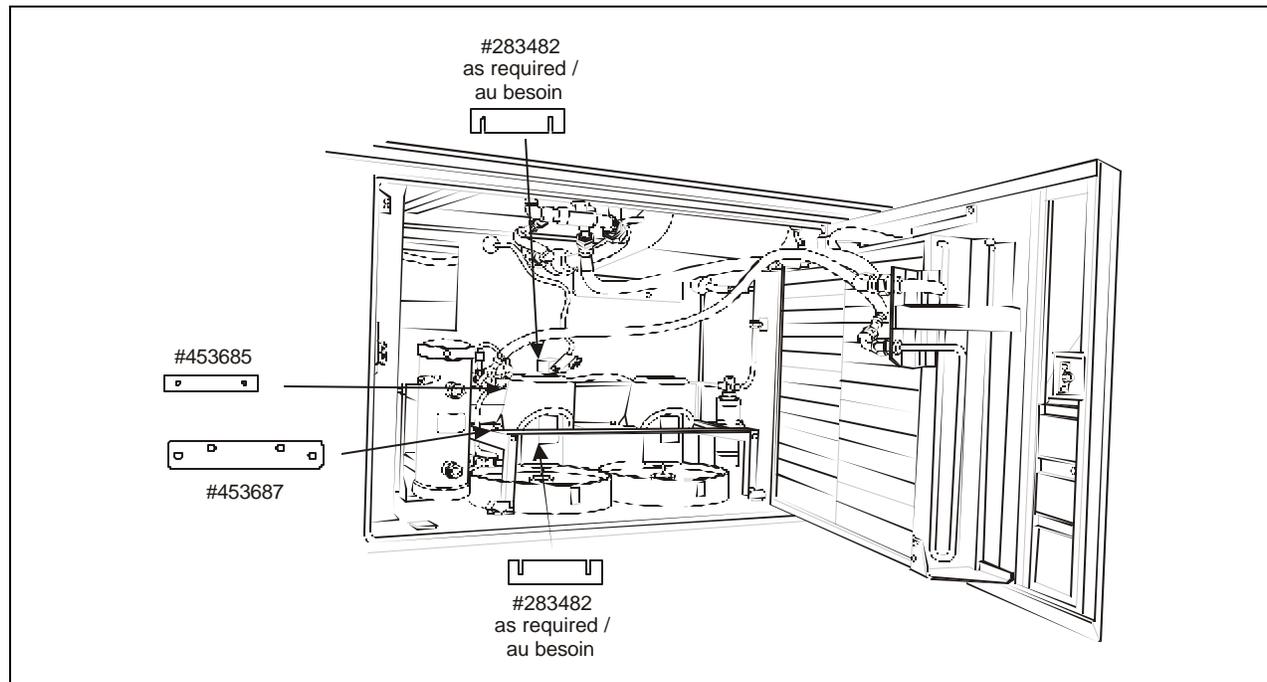


FIGURE 3: XL, XLII

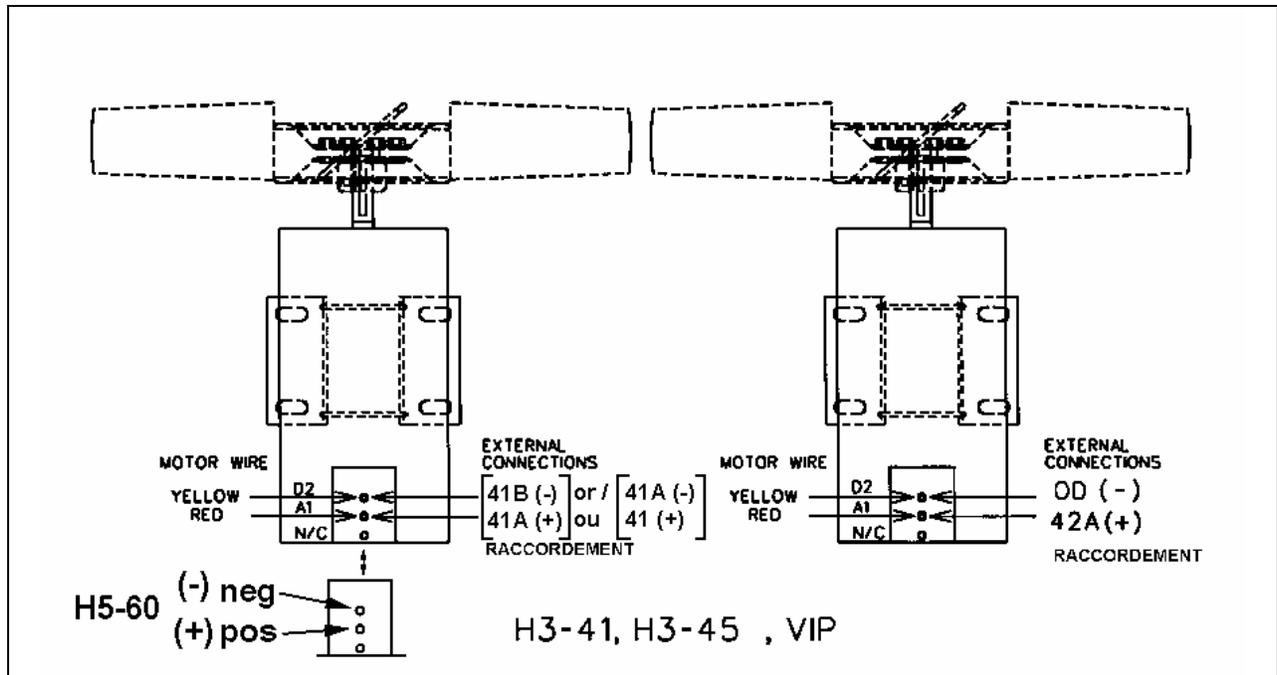


FIGURE 4: CONNECTIONS

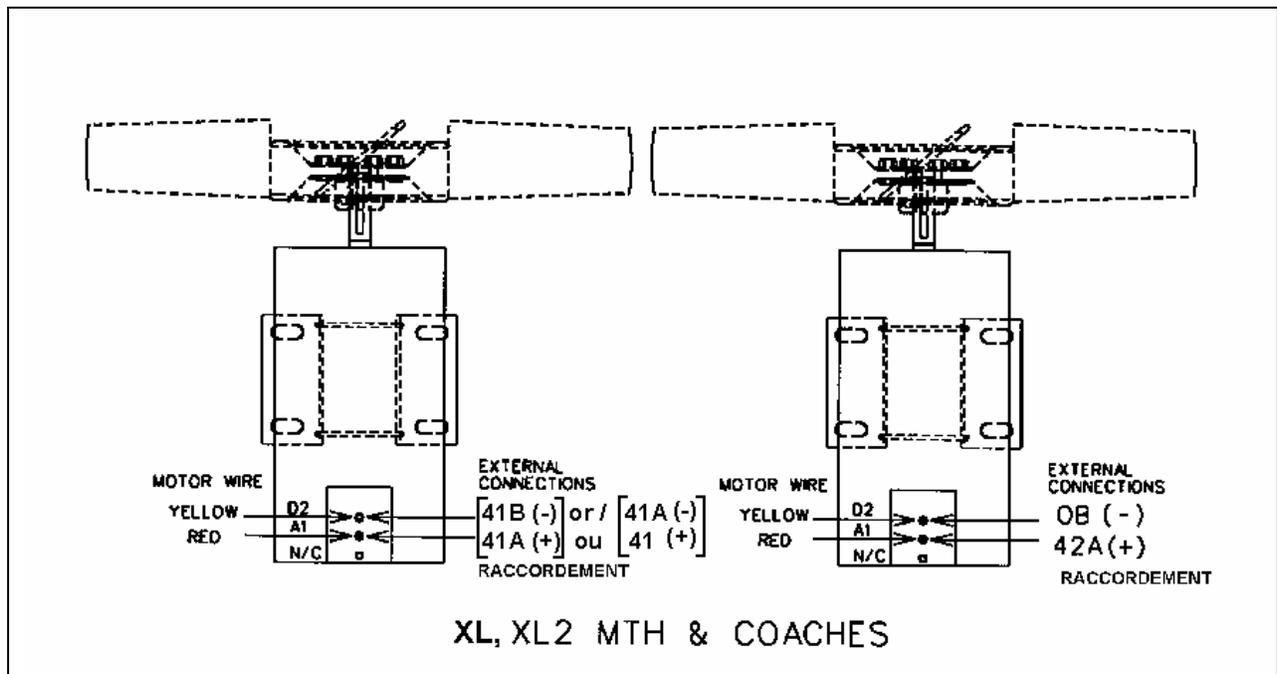


FIGURE 5: CONNECTIONS