

# PREVOST

## Instruction Sheet

## IS-19165A

### LAVATORY FAN RETROFIT KIT

Applicable for H3 Series coaches from R-1012 (1994)

Revision: A

Added installation detail at step 8

Nov 09 2020

#### MATERIAL

Kit #454393 includes the following parts:

Part No.	Description	Qty
354192	INSULATION, AIR INTAKE	1
454382	BRACKET FOR LAVATORY FAN - HOUSING	1
454383	PLATE FOR LAVATORY FAN ASS - FLANGE	1
500283	SCREW TC TR PH SS410 10-24X3/4	3
500914	WASHER LOCK SPLIT N500 .193X.334X.047 (M4,#10)	8
504324	CLAMP HOSE SS/CS 114-165	1
950624	FAN BRUSHLESS	1
5002180	SCREW CAP HEXS SS M4X0.7X10 FT	8
IS-19165	INSTRUCTION SHEET	1
FI-19165	FEUILLE D'INSTRUCTION	1

#### *NOTE*

*Material can be obtained through regular channels.*

#### PROCEDURE



#### **DANGER**

Park vehicle safely, apply parking brake, stop the engine. Prior to working on the vehicle, set the ignition switch to the OFF position and trip the main circuit breakers equipped with a trip button. On Commuter type vehicles, set the battery master switch (master cut-out) to the OFF position.

Lock out & Tag out (LOTO) must be performed during set-up, maintenance or repair activities. Refer to your local procedure for detailed information regarding the control of hazardous energy.

1. From the engine compartment, remove the existing lavatory fan installation (see Figure 1).

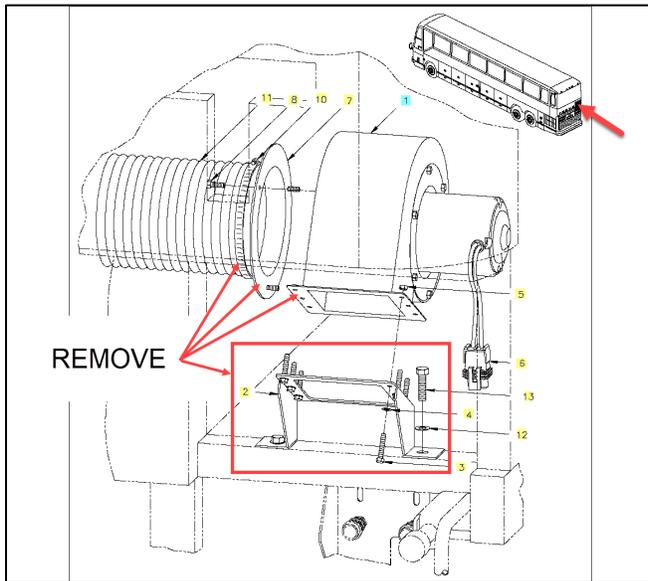


FIGURE 1: EXISTING INSTALLATION

2. Secure fan 950624 onto housing 454382 using hardware identified on Figure 2. Tighten the screws to a torque between 15.9 lb-in and 17.7 lb-in. **DO NOT exceed 17.7 lb-in.**

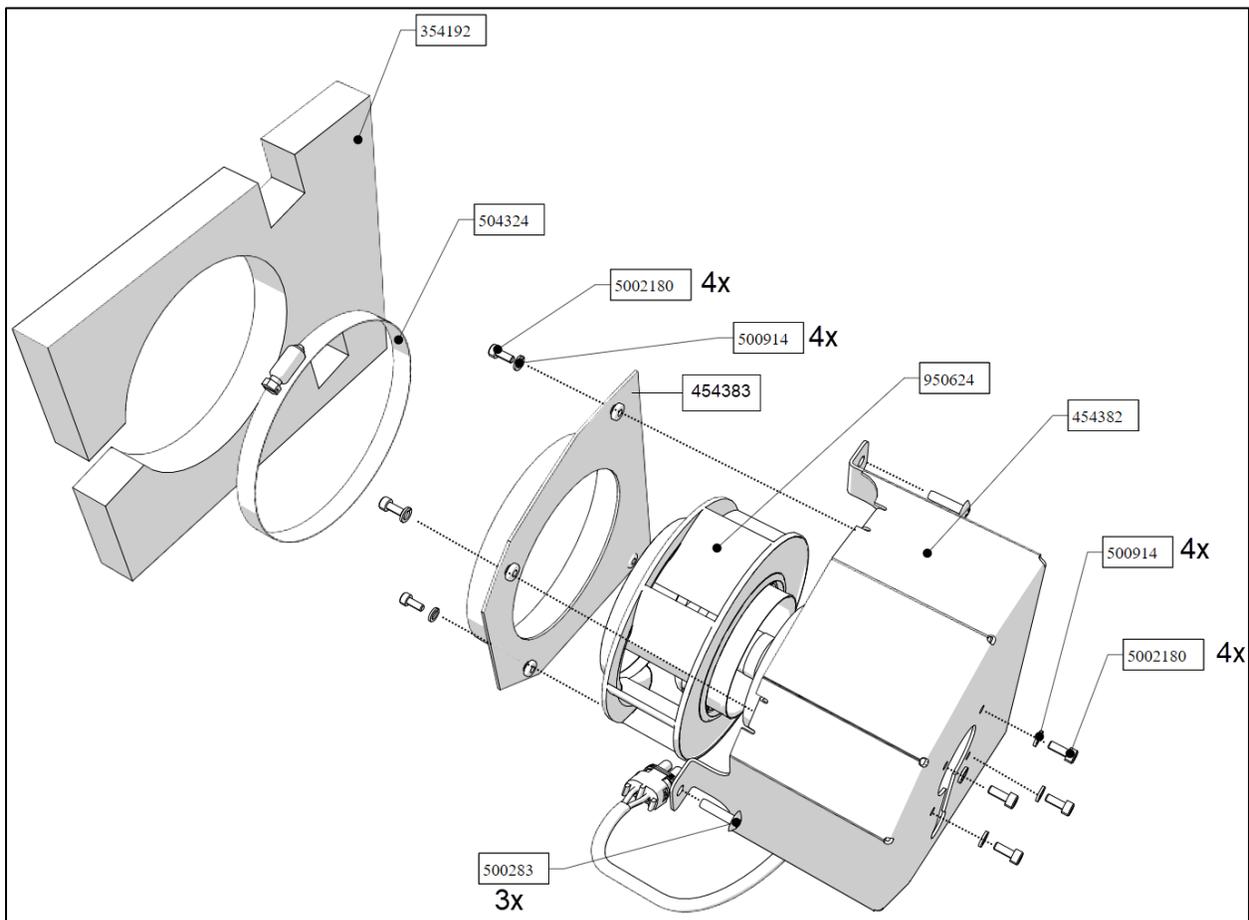
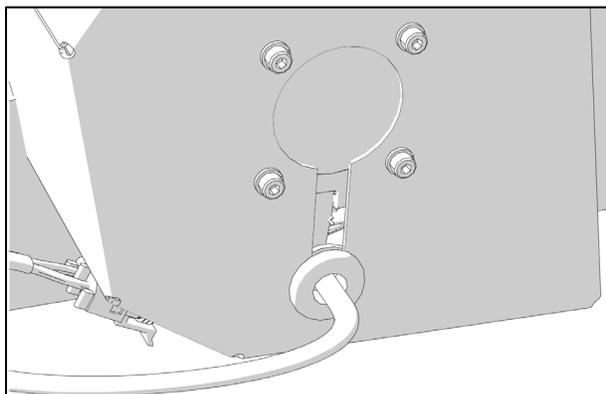


FIGURE 2: EXPLODED VIEW

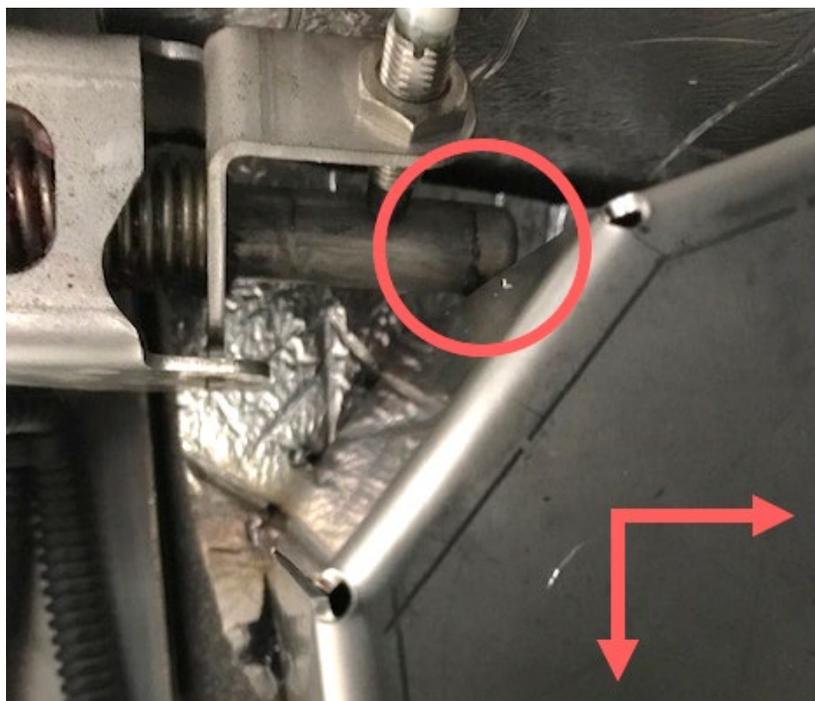
3. Install the power cable grommet as shown on Figure 3.



**FIGURE 3: GROMMET**

4. Secure flange 454383 to the fan housing using hardware indicated on Figure 2.
5. Using foam 354192 as a template, cut and remove existing foam on the bulkhead at the appropriate place.
6. Install the new piece of foam. It is self-adhesive.
7. Pull the fan suction hose through the round opening in the bulkhead. Cut the suction hose so than only 2 inches long will protrude beyond the piece of foam.
8. Install the fan housing assembly. Pre-drill three (3) pilot holes through the bulkhead and then secure the assembly using three (3) thread cutting screws 500283.

**Note: To avoid interference with the rod shown in the following image, offset the fan housing assembly, placing it as low and forward as possible.**



9. Connect the power cable connector.

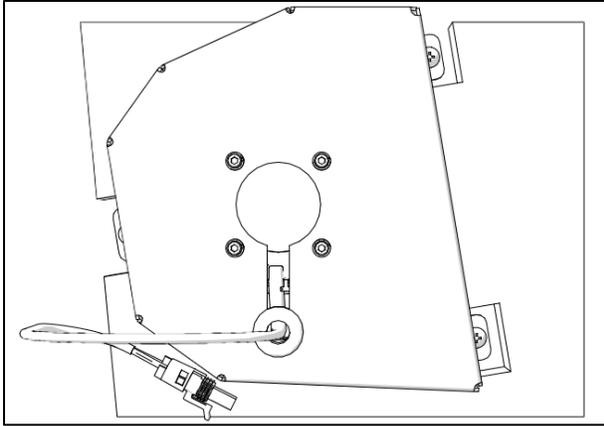


FIGURE 4

## PARTS / WASTE DISPOSAL

Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)