

PREVOST

Instruction Sheet

IS-22106

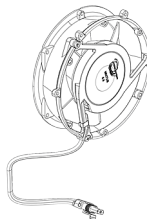
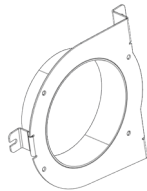



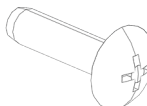
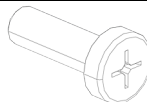
H3 LAVATORY FAN RETROFIT KIT

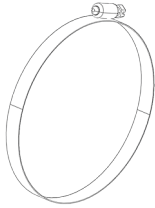
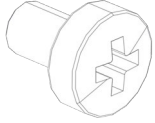

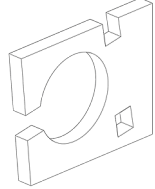
First Release

07-04-2023

MATERIAL

Kit #IS22106 includes the following parts:

Part No	Description		Qty
950707	BRUSHLESS FAN		1
455038	BRACKET LAVATORY FAN		1
455048	FAN GRILL		1
500539	NUT HEX NYRT NX500 M4-0.7		3
502556	WASHER FLAT SS 4.3X9X.8		3
500283	SCREW TC TR PH SS410 10-24X3/4		3
502653	SCREW MACHINE PAN PH SS M5-0.8X16		4

504324	CLAMP HOSE SS/CS 114-165		1
5001377	SCREW MACHINE PAN PH SS M5-0.8X8		4
5001137	WASHER FLAT SS .203X.438X.06		4
354192	INSULATION		1
IS-22106	INSTRUCTION SHEET		1
FI-22106	FEUILLE D'INSTRUCTION		1

Other parts that may be required:

Part No.	Description	Qty
680038	LOCTITE 243 50 ML.	1

NOTE

Material can be obtained through regular channels.

SAFETY PRECAUTIONS

- Eye protection should always be worn when working in a shop.
- Rules for Personal Protection Equipment should always be respected. Wear your PPE including but not limited to the following:



Safety First!



PROCEDURE



DANGER

Park vehicle safely, apply parking brake, stop 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. Remove the old installation
 - Figure 1: With MCC fan installation.

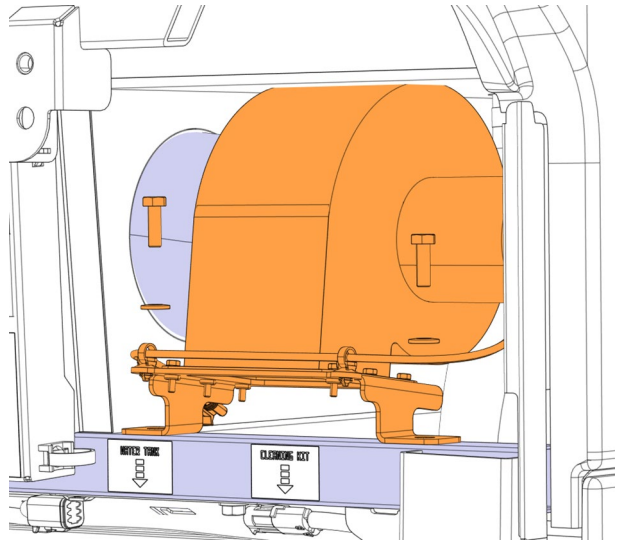


FIGURE 1

- Figure 2: With EBM fan installation.

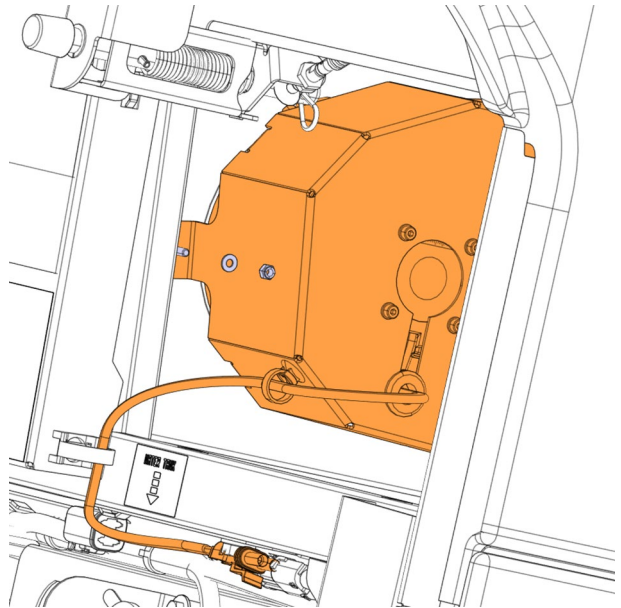
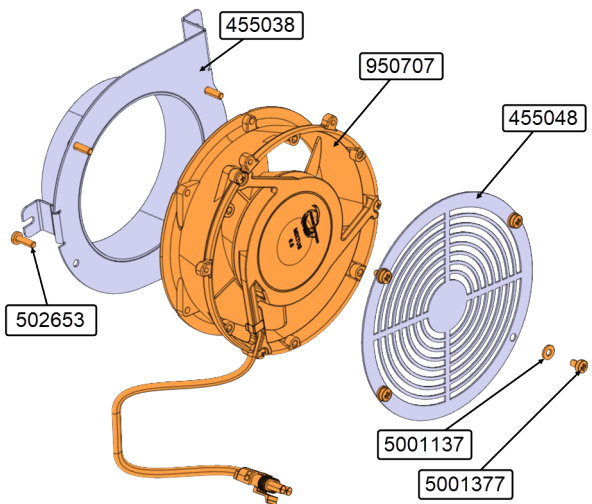
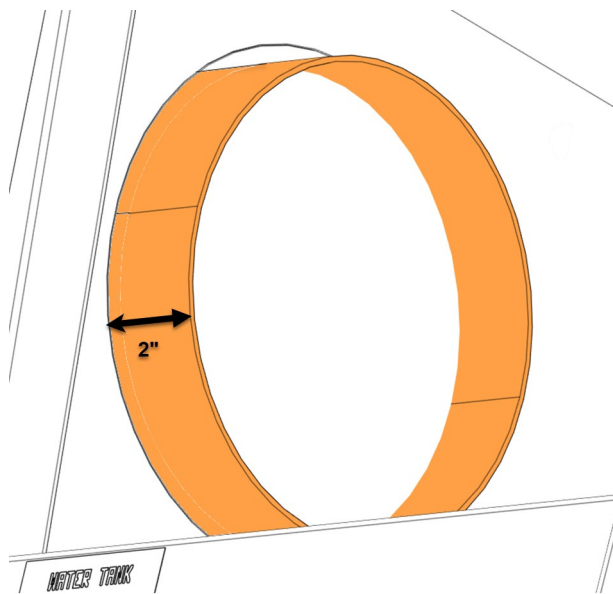


FIGURE 2

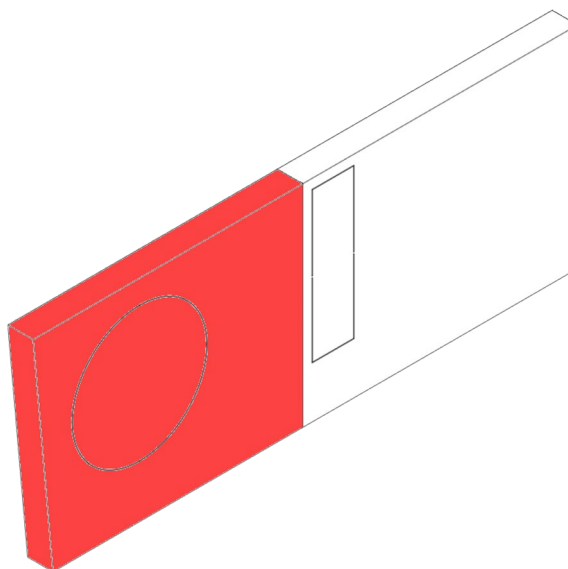
2. Assemble fan, install grill 455048 on fan 950707 using screws 5001377 (4x) with Loctite 680038 and washers 5001137 (4x).
3. Install bracket 455038 on fan using screws 502653 (x4) with Loctite 680038.



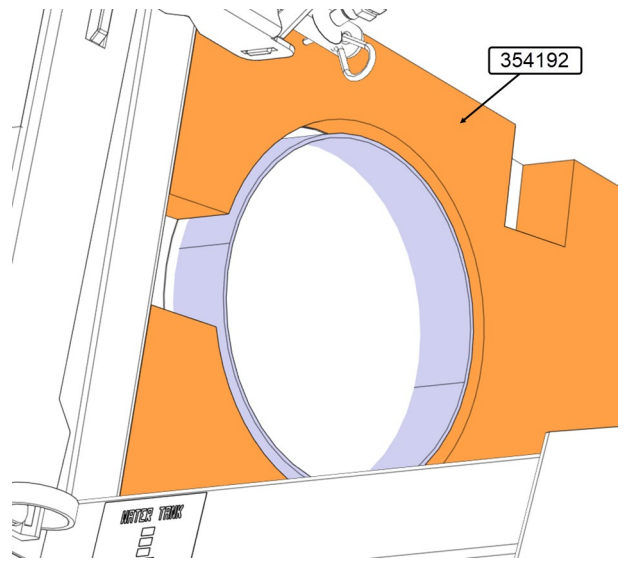
4. **With MCC only**, pull the fan suction hose through the round opening in the bulkhead. Cut the suction hose so only 2 inches long will protrude beyond the piece of foam.



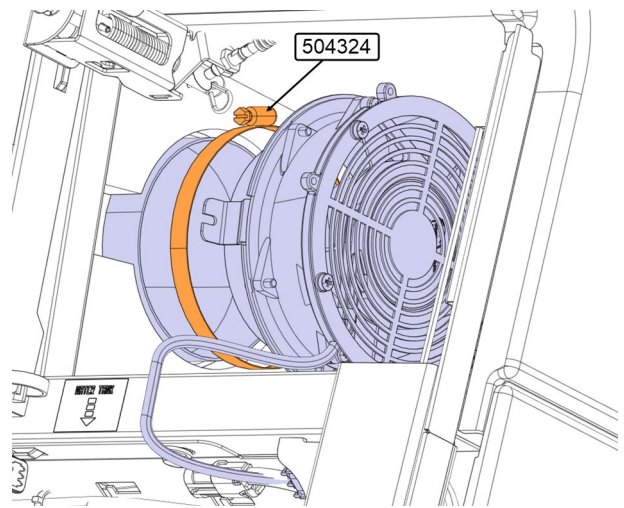
5. **With MCC only**, use foam 354192 as a template, cut and remove existing foam on the bulkhead.



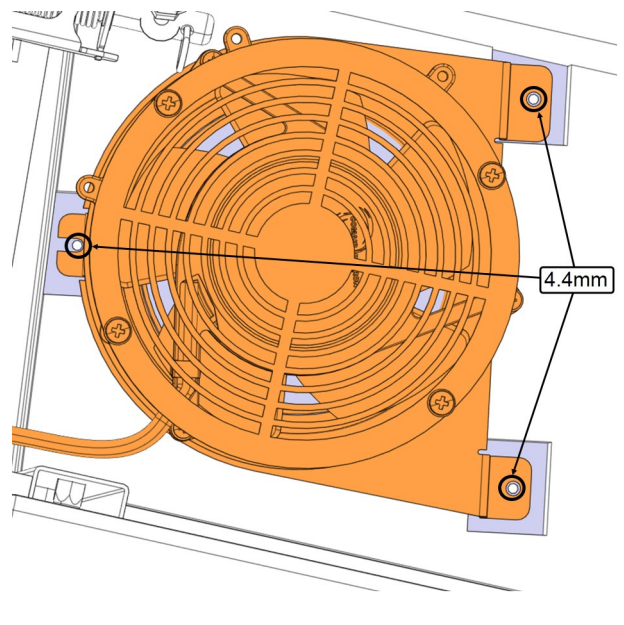
6. **With MCC only**, install the new foam 354192. It is self-adhesive.



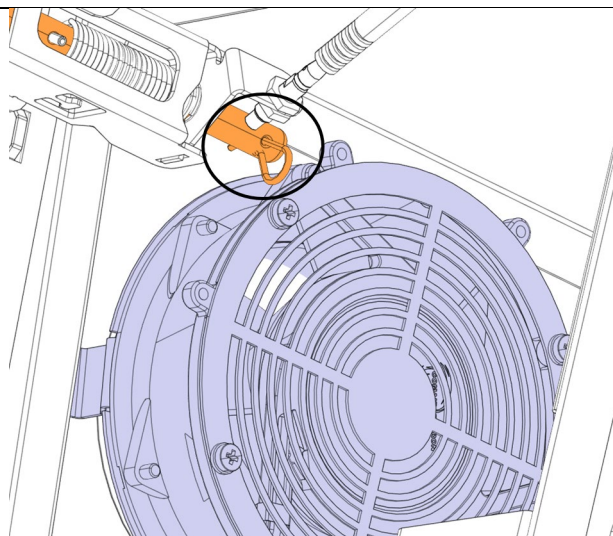
7. Install the hose on the fan assembly bracket using clamp 504324.



8. **With MCC only**, drill holes 4mm(5/32) using fan bracket holes as a template.



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



9. Secure the fan assembly

- **Figure 3:** With MCC fan installation, using screws 500283 (3x).

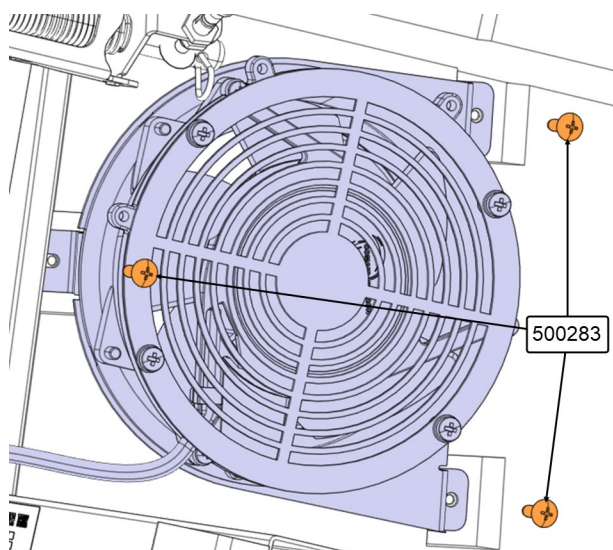


FIGURE 3

- **Figure 4:** With EBM fan installation, using nuts 500539 (3x) and washers (3x).

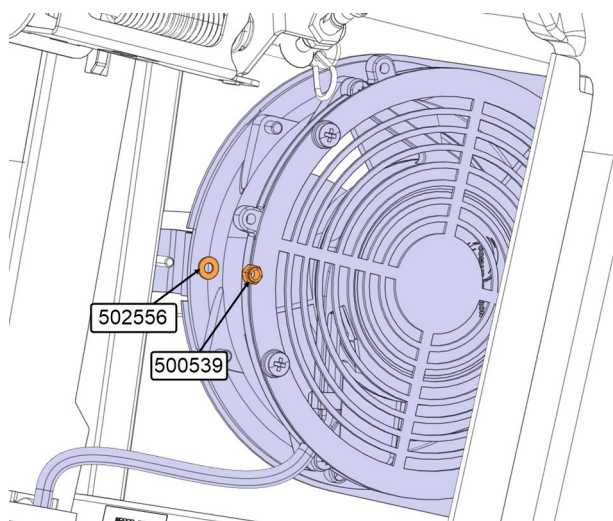
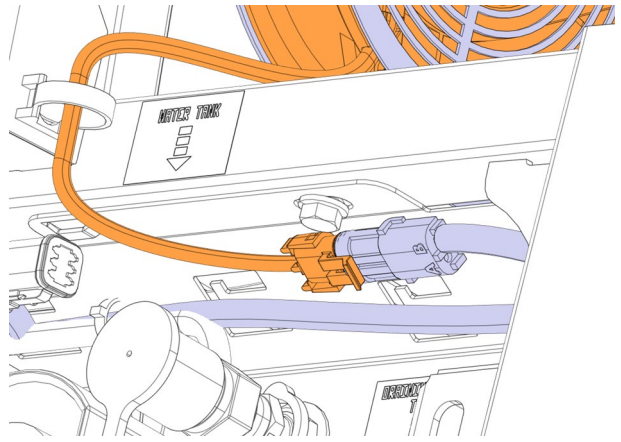


FIGURE 4

10. Plug the fan assembly.



PARTS / WASTE DISPOSAL

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