

# PREVOST

## Instruction Sheet

## IS-13152

### 871252 Water Valve Replacement - Driver's heating

Up to F-2887 (H)  
F-5816 (X)  
F-7015 (X)

First Release

03-22-2022

### MATERIAL

Kit #IS13152 includes the following parts:

Part No.	Description	Qty
871454	WATER VALVE ASSY / 24V	1
641385	CONNECTOR / SOCKET HOUSING ASSY 3C	1
562353	DIODE	1
641242	MALE CONNECTOR / PUSH-IN FITTING / #4x1/8NPT-M BR	1
IS-13152	INSTRUCTION SHEET	1
FI-13152	FEUILLE D'INSTRUCTION	1

## 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.

### *NOTE*

Before starting work on the vehicle

- Release accessory air pressure
- Close hot water valves at the back of vehicle.
- Prepare a suitable container for coolant collection under water valve piping.

## REMOVING THE FORMER WATER VALVE

1. Lower the vehicle front bumper
2. Remove spare tire to create working space.
3. Locate hot water valve on the driver's heater coil supply line.
4. Unplug valve air supply and vent.
5. Prepare a suitable container and place under the pipes to collect coolant.



### CAUTION

Hot coolant!

Allow time to cool down before removing water valve.

Wear gloves, appropriate PPE.

6. Unplug connector and free the wires.  
Keep circuit ID label, else identify wires properly.
7. Undo coolant connections to the valve.
8. Discard former valve.

## ELECTRICAL CONNECTIONS

9. Remove screw on new valve connector.

Depending on supplier the valve may already come with a connector. If not, use the kit supplied connector

10. With a small flat screwdriver, gently pry open connector to release from housing.

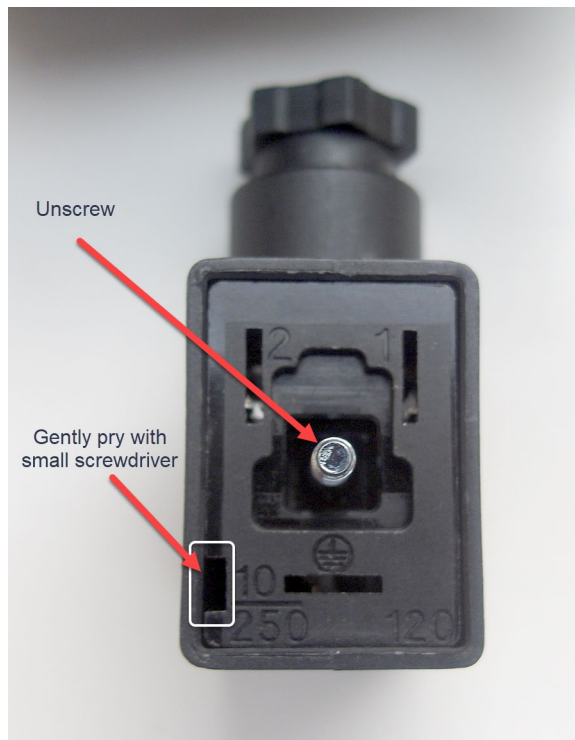
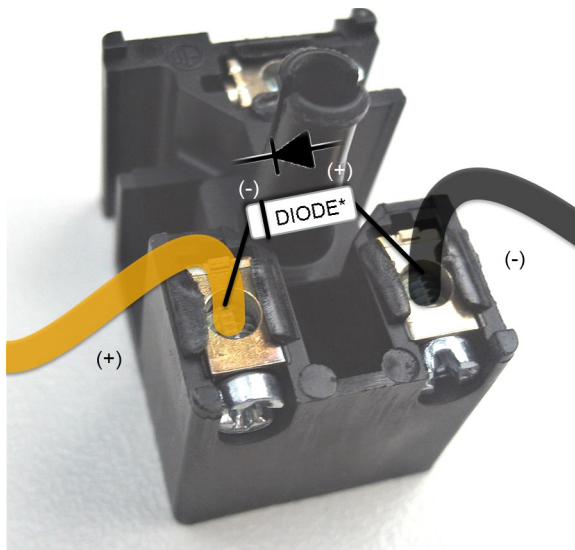


FIGURE 1

11. Connect wires and diode.

12. Arrange diode to allow reassembly in connector housing.



\* NOTE DIODE ORIENTATION

FIGURE 2

13. Thoroughly clean water supply line threads.
14. Notice flow direction in piping and valve.
15. Assemble new valve on supply line, seal threads with liquid Teflon.
16. Connect supply and vent air lines as shown.
17. Plug the connector and secure wiring as shown.
18. Open the hot water valves.
19. Start the vehicle in fast idle.
20. Bleed the driver's heater coil.
21. Confirm proper operation of valve.

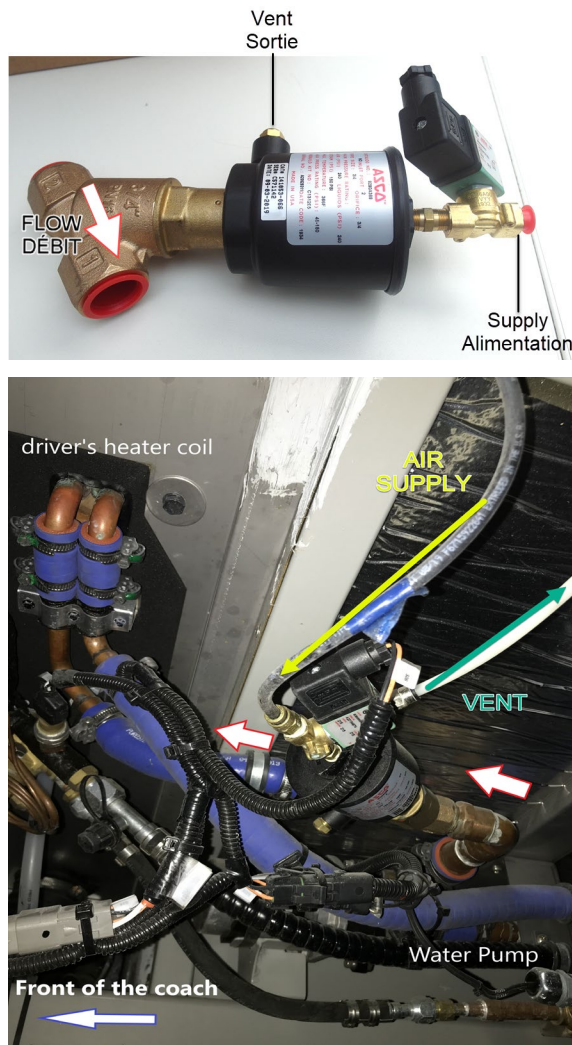


FIGURE 3

## PARTS / WASTE DISPOSAL

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