



PROTERRA



TECHNICAL SERVICE BULLETIN

ISSUE DATE:	10/5/2022
SERVICE BULLETIN SUBJECT:	PE Pump Rooftop Coolant Hose Replacement
VINs or MODELS AFFECTED:	Service Specified Buses
COMPLETE BY:	Next Service Opportunity
SERVICE BULLETIN #:	SC-22-119
LABOR OPERATION CODE:	N/A

NOTICE! It is expected that this process may require up to one hour per bus. Please schedule appropriately to minimize vehicle downtime.

PE PUMP ROOFTOP COOLANT HOSE REPLACEMENT

Description:

The procedure describes the process of replacing the Power Electronics Rooftop coolant hose with a reinforced version for increased durability.

Tools/Parts Required:

Tools and Supplies Required:

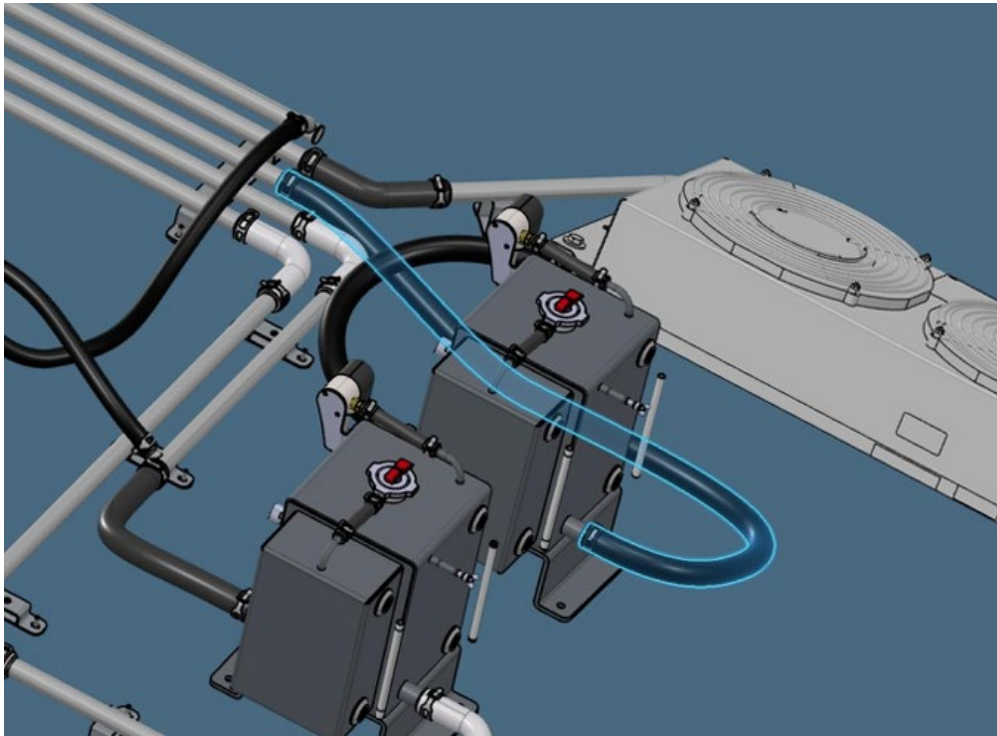
- Ratchet
- 8mm Socket
- Catch Pan
- Shop Towels

Kit Parts Required:

- 062838 SERVICE KIT: ROOFTOP SURGE TANK HOSE (Consisting of)
 - 038666 HOSE, COOLANT, BELLOWSFLEX, SAE J2006R2, Ø1.00 ID 48 IN
 - 044137 CLAMP, WORM DRIVE, 21 to 38mm OD HOSE 2 EA

Procedure:

1. Perform the Proterra approved Lockout/Tagout procedure to make the bus safe for work.
2. Use the Proterra and Transit agency approved procedures for safely working on the rooftop of the bus.
3. Using a Catch Pan, drain enough coolant from the power electronics coolant system to allow removal and replacement of the hose shown highlighted in blue in the following illustration.



4. Using an 8mm Ratchet/Socket, remove the hose clamps and the hose shown highlighted in blue.
5. Using an 8mm Ratchet/Socket, install the new Hose (**038666**) using two new Worm Drive Clamps (**044137**).
6. Replace any coolant that was drained from the system.
7. Using Shop Towels, clean up any spilled coolant.
8. Remove the Lockout/Tagout devices and return the bus to service.