



PROTERRA



TECHNICAL SERVICE BULLETIN

7ISSUE DATE:	6/29/2020
SERVICE BULLETIN SUBJECT:	E2 VER 1 Cooling Hose Cap Retrofit
VINs or MODELS AFFECTED:	Service Specified Buses
COMPLETE BY:	Next Service Opportunity
SERVICE BULLETIN #:	SB-20-84

E2 VER 1 COOLING HOSE CAP RETROFIT

NOTICE! It is expected that this process will require 1 hour per bus. Please schedule appropriately to minimize vehicle downtime.

Retrofit Description:

This retrofit removes an unnecessary bleed line in the coolant system that may lead to air entrapment and reduced efficiency of the cooling system.

Tools/Parts Required

Tools and Supplies Required:

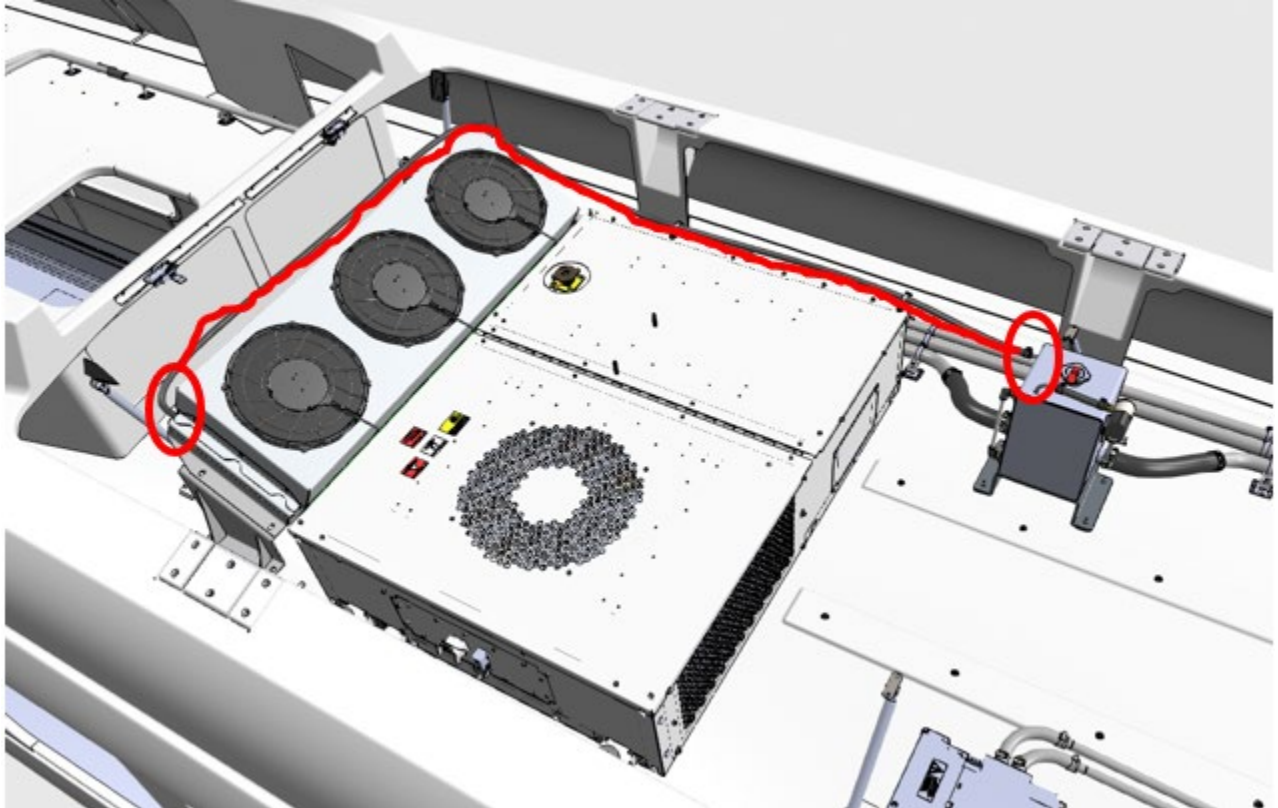
- Spring Clamp Pliers
- Side Cutting Pliers
- Shop Towels

Kit Parts Required:

- 054448 KIT, RETROFIT, RADIATOR BLEED HOSE CAP (Consisting of)
 - 054152 CAP, COOLANT, BYPASS, Ø3/8" 2 EA

Procedure:

1. Perform the Proterra approved Lockout/Tagout procedure to make the bus safe for work.
2. Using the appropriate safety measures, access the coolant system on the rooftop of the bus.
3. Open the Clamshell Doors on the rooftop of the bus.
4. Using Spring Clamp Pliers, remove the clamps from the coolant hose shown by the red mark in the following illustration. Using Side Cutting Pliers, remove the Cable Ties that secure the hose to the radiator assembly and coolant lines. Remove the hose, it will not be reused.



5. Using Spring Clamp Pliers and the Clamps that were removed earlier, add a Cap (054152) to each connection where the hose was removed.
6. Using Shop Towels, clean up any spilled coolant.
7. Remove the Lockout/Tagout devices and return the bus to service.