



TECHNICAL SERVICE BULLETIN

7ISSUE DATE:	4/9/2021
SERVICE BULLETIN SUBJECT:	HVAC Supply Air Temperature Sensor Retrofit
VINs or MODELS AFFECTED:	Service Specified Buses
COMPLETE BY:	Next Service Opportunity
SERVICE BULLETIN #:	SC-21-56
LABOR OPERATION CODE:	VA45Z

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

HVAC SUPPLY AIR TEMPERATURE SENSOR RETROFIT

Description

The procedure upgrades the HVAC Supply Air Temperature Sensor to an improved version.

Tools/Parts Required

Tools and Supplies Required:

- Stubby #1 Phillips Screwdriver

Parts Required:

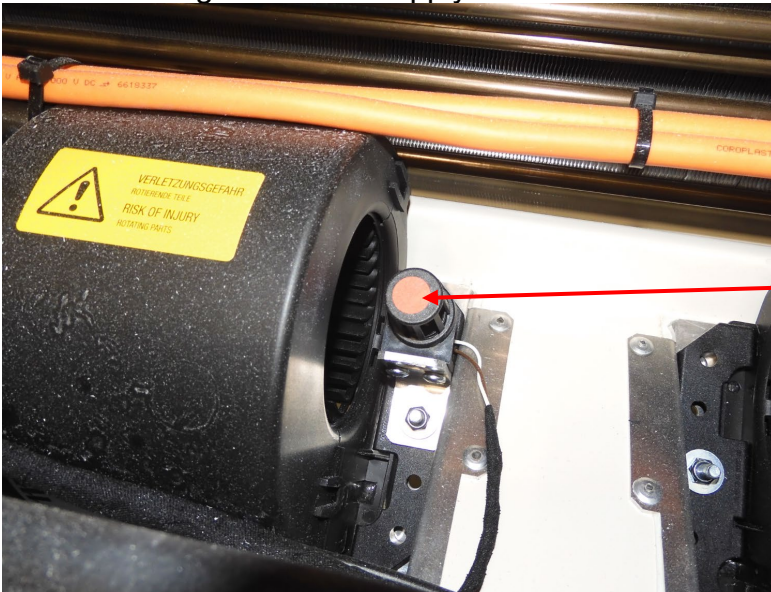
- 129-7408 SENSOR, HVAC, TEMPERATURE SENSOR, MOISTURE RESISTANT 1 EA

Procedure

1. Complete the Proterra approved Lockout/Tagout procedure to make the bus safe for work.
2. This procedure requires access to the rooftop of the bus. All safety procedures for accessing and working on the rooftop of a bus must be followed.
3. Working of the Curbside Rooftop of the bus, open the HVAC access panel to access the Supply Air Sensor.



4. Locate the original HVAC Supply Air Sensor shown in the following photograph.



Supply Air Sensor

5. Using a Stubby #1 Phillips Screwdriver, remove the sensor from the bracket.
6. Disconnect the original Sensor from the harness connector and discard the Sensor.
7. Connect the replacement Sensor (129-7408) to the harness connector.
8. Using a Stubby #1 Phillips Screwdriver, install the replacement Sensor (129-7408) into the HVAC Unit.
9. Close the HVAC Access Panel.

10. Safely exit the rooftop of the bus.
11. Remove the Lockout/Tagout devices and power on the bus.
12. Return the bus to service after ensuring that the HVAC Unit is functioning correctly.