



PROTERRA



TECHNICAL SERVICE BULLETIN

ISSUE DATE:	6/8/2021
SERVICE BULLETIN SUBJECT:	Air Compressor High Voltage Connection Torque Retrofit
VINs or MODELS AFFECTED:	Service Specified Buses
COMPLETE BY:	Next Service Opportunity
SERVICE BULLETIN #:	SC-21-97
LABOR OPERATION CODE:	BC44Z

NOTICE! It is expected that this process will require 1/2 hour per bus. Please schedule appropriately to minimize vehicle downtime.

AIR COMPRESSOR HIGH VOLTAGE CONNECTION TORQUE RETROFIT

Description

This procedure updates the high voltage connection torque on the air compressor for improved reliability.

Tools/Parts Required

Tools and Supplies Required:

- Isopropyl Alcohol
- Shop Towels
- Ratchet
- T-25 Torx Screwdriver
- Calibrated Torque Wrench
- 8mm socket
- Orange Torque Stripe Paint

Kit Parts Required:

- None

Procedure:

1. Complete the Proterra approved Lockout/Tagout procedure to make the bus safe for work.
2. Open the rear hatch to access the Air Compressor.

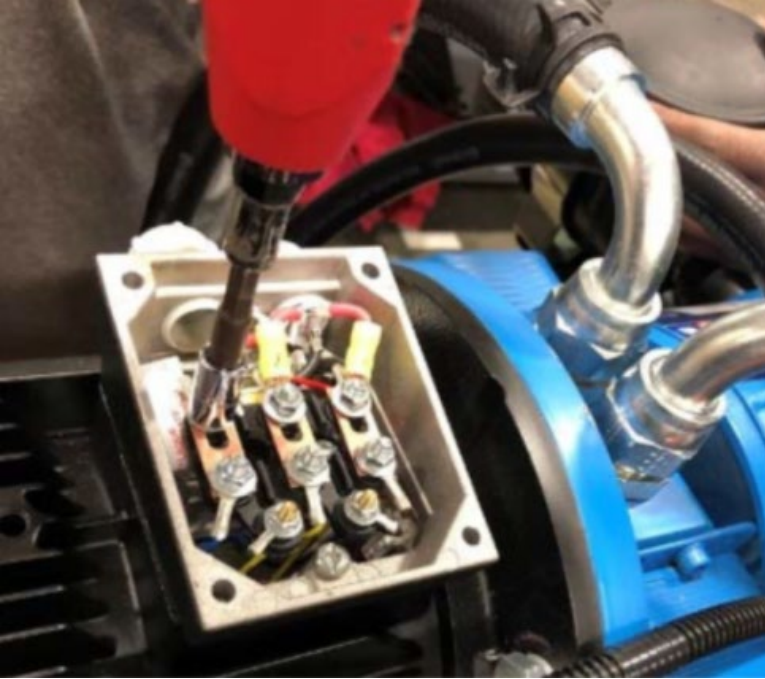


3. Using a T-25 Torx Driver, remove the Air Compressor wiring cover.



4. Using Isopropyl Alcohol and Shop Towels, remove any existing Torque Stripes from the connections.

- Using a Calibrated Torque Wrench with an 8mm Socket, **torque all six nuts on the three buss bars to 35 inch pounds.**



- Using Orange Torque Stripe Paint, apply a Torque Stripe across each nut to the Busbar.
- Using a T-25 Torx Driver, replace the Air Compressor wiring cover.
- Remove the Lockout/Tagout devices and return the bus to service.