



PROTERRA



TECHNICAL SERVICE BULLETIN

ISSUE DATE:	8/12/2021
SERVICE BULLETIN SUBJECT:	CAT35PD Backlight Power Splice Pack Retrofit
VINs or MODELS AFFECTED:	Service Specified Buses
COMPLETE BY:	Next Service Opportunity
SERVICE BULLETIN #:	SC-21-110
LABOR OPERATION CODE:	N/A

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

CAT35PD BACKLIGHT POWER SPLICE PACK RETROFIT

Description

This procedure adds a jumper to the wiring harness so that the Hazzard, Stop Request, and Pedal Adjust Switches can be illuminated.

Tools/Parts Required

Tools and Supplies Required:

- T-30 Torx Driver
- Side Cutting Pliers
- Wire Strippers
- Crimping Tool
- Label Maker

Parts Required:

- | | | |
|----------|--|--------|
| • 012195 | FML,MP280,US,T,TP,CR .8-1 IR 1.96-2.64 | 2 EA |
| • 001362 | WIRE, #18 AWG, TYPE GXL, YELLOW, (YE) | 300 mm |
| • 001912 | CABLE TIE, 11.5 BLACK 292MM" | 5 EA |

Procedure:

1. Complete the Proterra approved Lockout/Tagout procedure to make the bus safe for work.
2. Using a T-30 Torx Driver, remove the Switch Panels from the Driver's Armrest shown in the following photograph.

Note: The controls on the bus may be different from the photograph.



3. Locate the connectors labeled BD050 and JD132 on the ARM2 Harness underneath the Switch Panels.
4. Using Wire Strippers, strip each end of the Yellow Wire (001362) to prepare it for installing Terminals (012195).
5. Using a Crimping Tool, install a Terminal (012195) onto each end of the wire.
6. Using a Label Maker, label the wire as ABD050-EJD132.
7. Install one of the Terminals (012195) into Cavity E of the connector labeled JD132.



8. Install the Terminal (012195) on the other end of the Yellow Wire (001362) into Cavity A of the connector labeled BD050.



9. Using Cable Ties (001912), secure the wire to the existing harness.
10. Remove the Lockout/Tagout devices and return the bus to service.