

FT5184 Safety Vision Camera system connection issues

Technical writer name
Rajendra N M

Manual section 17

First Level Parts		
Part Description	Part Number	QTY
-	-	-

Nb hours Level 1

0.5 hr

MQR

7621-2268

Disposal of parts

Removed parts are:

Discarded	Retained
-	-

When the retained check box is check, the parts must be retained and returned in accordance with the usual warranty procedure to be reimbursed.

Client	Order	Road numbers		VIN		QTY	Lang.	Customer	Target market	Plant	Engine Config	Model	NR	R1
Maryland Transit Authority - MTA	LC27	20002	20030	L82JXL9777602	L82J4L9777658	29	E	Us-Prv	US	PLB	TD	40	x	
Maryland Transit Authority - MTA	LC28	20032	20070	S92J5L9777628	S92J3L9777689	39	E	Us-Prv	US	PLB	TD	60	x	

Jean-Nicolas
Fournier

Digitally signed by Jean-Nicolas Fournier
DN: cn=Jean-Nicolas Fournier, o=Nova Bus,
email=jean-nicolas.fournier@volvo.com, c=CA
Date: 2021.09.29 10:21:54 -04'00'

QJ 7621 - 2268

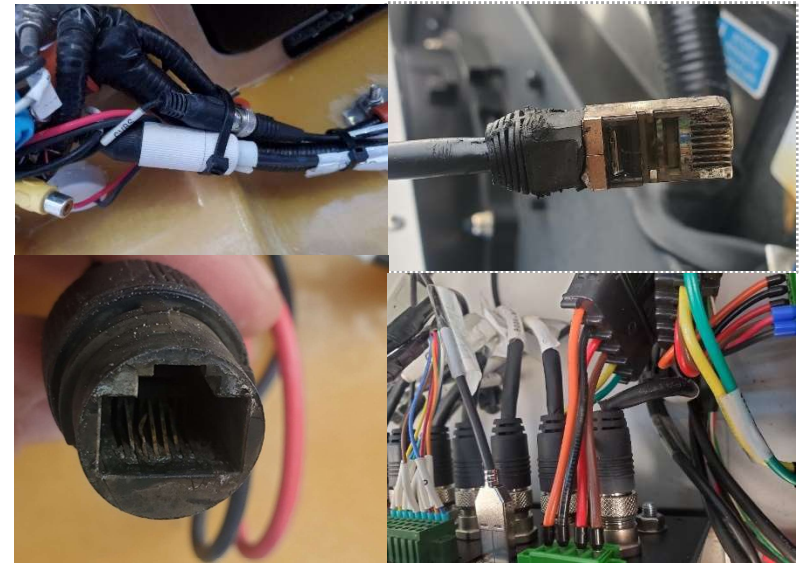
Safety Vision Camera System Issues Solutions for LD82

2021-06-30

Customer Project Manager: Francois Seres

Customer Support Manager: Bryan Furey

Case Manager: Siddiqui Ayoob



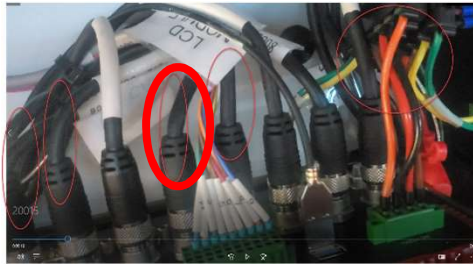
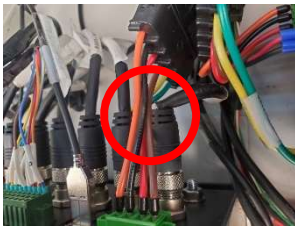
Problem 3 – Cable Routing & Handling

Symptom:

- Intermittent Freezing Screens

Root causes

- The POE Cables connected to the NVR were too tight, stressed, and even 90° bending of the cables were observed.
- No agreed installation requirement provided by the vendor.



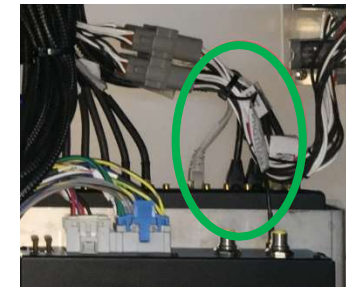
Technical Solutions

Improved installation thanks to:

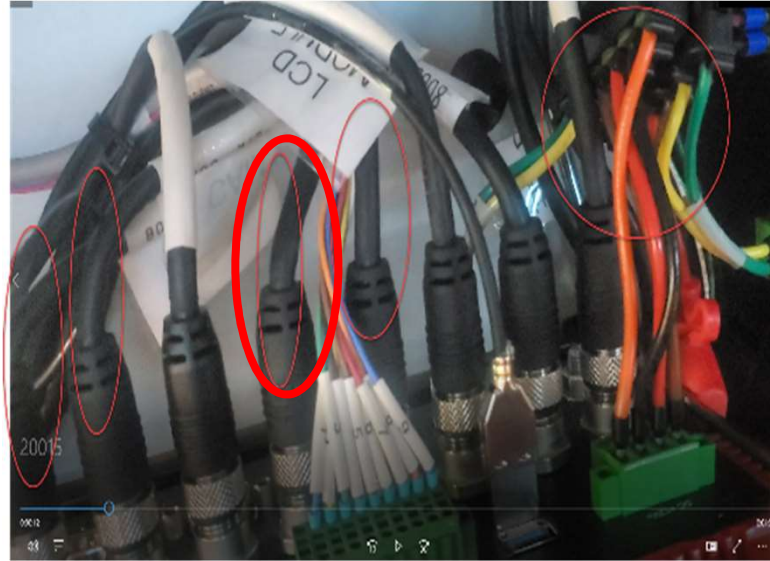
- 3"- 4" of slack at each end of the cables. (extra length loops vetted by PM Services)
- Avoidance of 90° bending
- Enabled free movements of the cables during Transit (Bad roads at Baltimore)

LD82 implementation

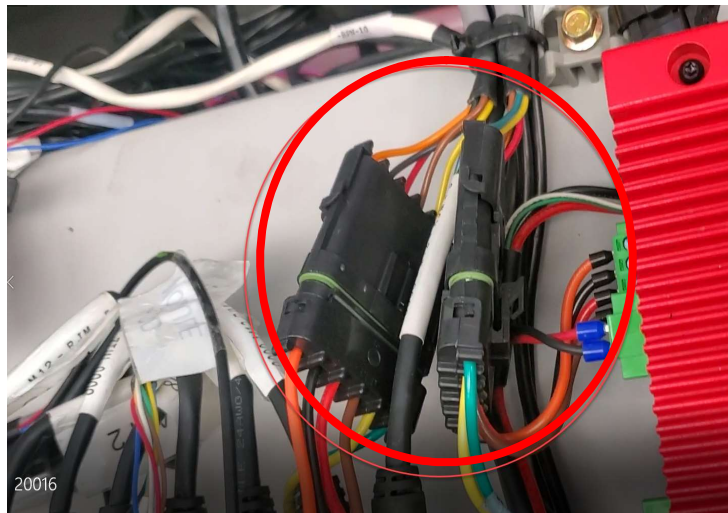
- Vendor provided to Nova Bus (PD, GM Services) documents explaining requirement on cable routing and handling.
- Instruction to implement the solution provided to PLB (Bob Davies). Quality is monitoring / documenting the installation of the cables for LD82



Bad Cable Routing & Handling

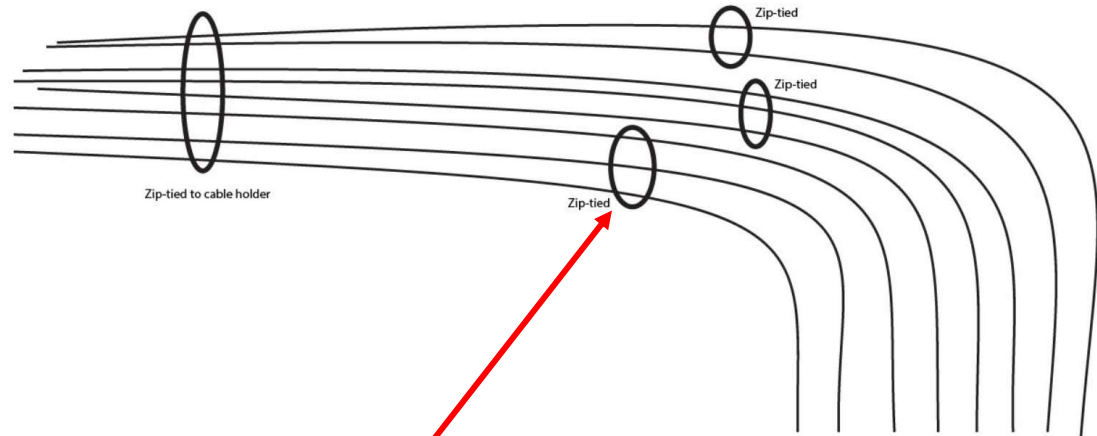
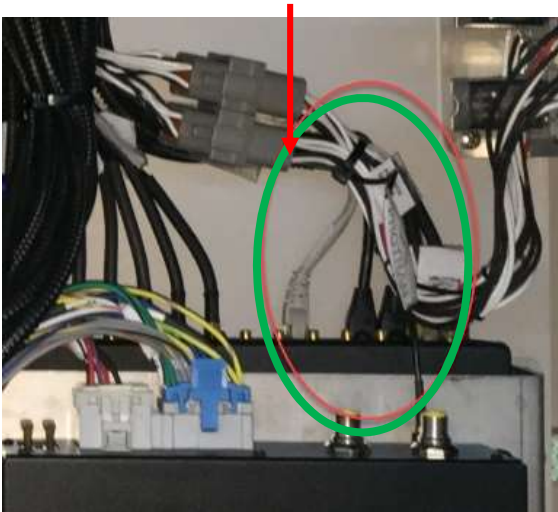


Bad Cable Routing & Handling



Cable Routing & Handling Improvement

Example of Proper Routing

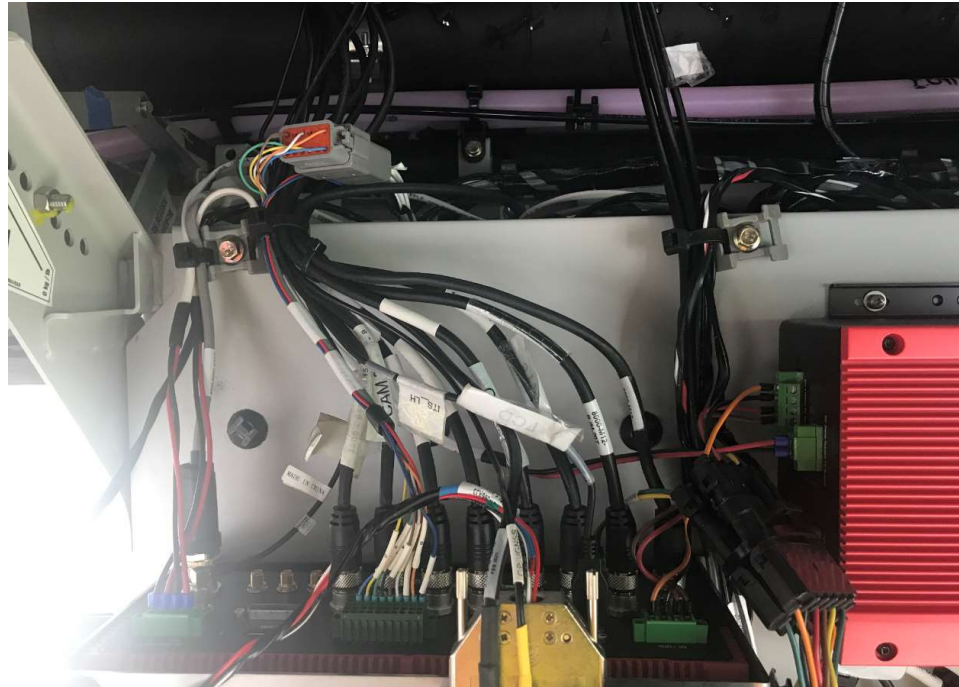


Sketch of POE Cable Routing
for LD82 Buses

Cable Routing & Handling Improvement

- Add 3'' - 5'' of slack at each end of the cables.
- No 90° bending
- Secure with tie wrap.

Notes: Longer & bigger tie wrap may be needed in certain places.



bring life
to your city



NOVABUS