

Summary Overview of Work to be Performed

- **EV PDI** – Follow attached **WAR305 Pre-Delivery Inspection (PDI) Form: Freightliner – Electric Vehicles**
- Be sure to close out any open safety recalls. In addition, DTNA recommends performing the following work, to close out open service campaigns and service bulletins Complete all Open Campaigns and Recalls.
 - ***SF694 Ground Strap Modification <<<< Once it is published
 - ***SF708 Cooling system replace <<<< Once it is published
- Make sure TSB's and axle oil level have been addressed
 - TSB 20-089 Adjusting the Coolant Pipe Position
 - TSB 35-040 Fixing eAxle Oil Seepage at the Shift to Neutral Tool - Plug Location
- Perform other checks as noted in this document and repair as necessary.
 - Report back to Travis Ingram any other issues found while doing these tasks.

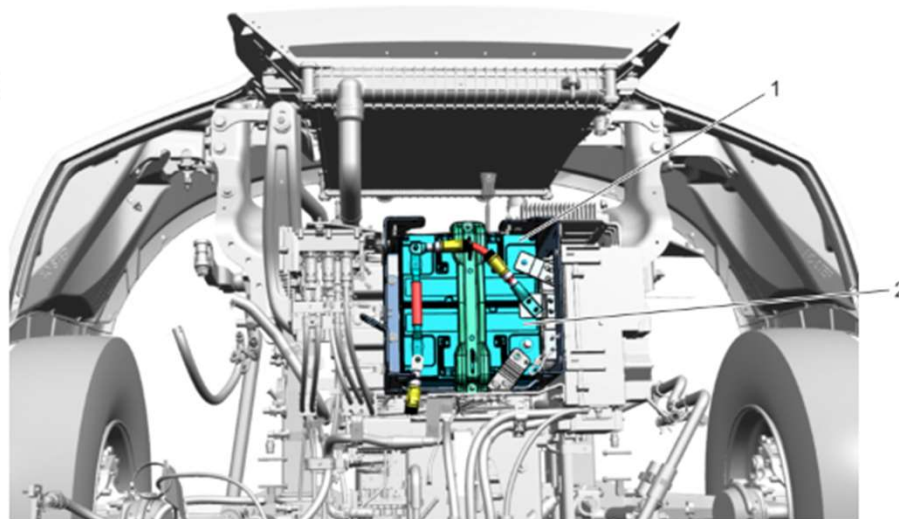
Primary Contacts for questions/comments/concerns:

Other checks

- Mod 4NJ, Section of 13.7 of the eCascadia Workshop: Inspect the Low Voltage (LV) Battery. If not factory battery, replace with DTNA spec'd battery and make sure hold downs are in place.
 - Spec'd Battery is **A66-06013-002** >>> Replaced by **ODX AGM31** which shows PDC inventory
- Mod 290: Make sure Battery Hold down bolts are still installed.



Factory Battery

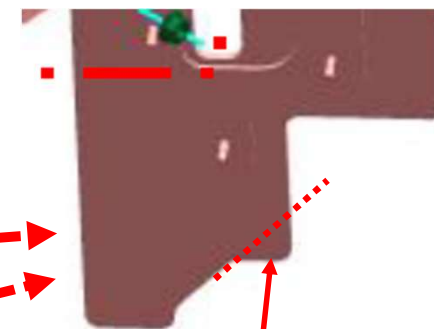
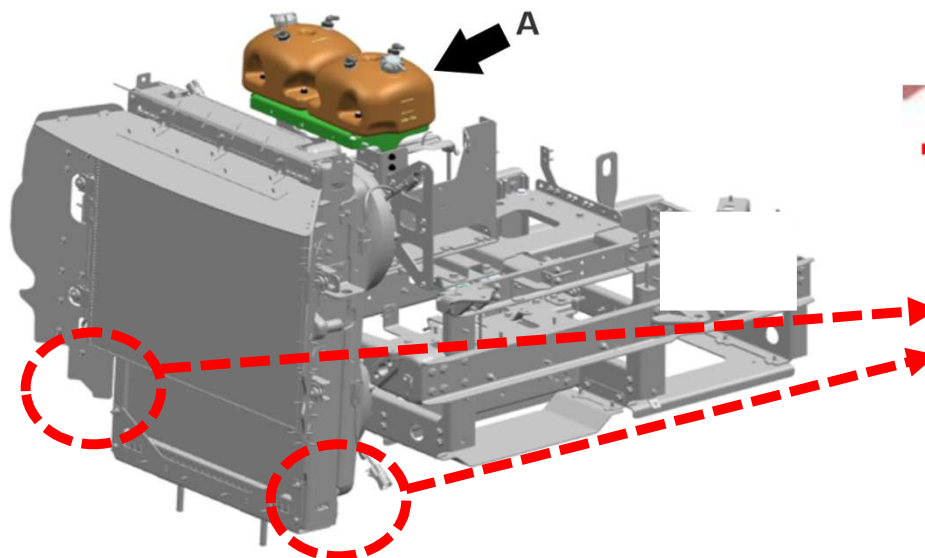


2. Rear Low Voltage Battery

Fig. 1, Location of the Low Voltage Batteries

Other checks

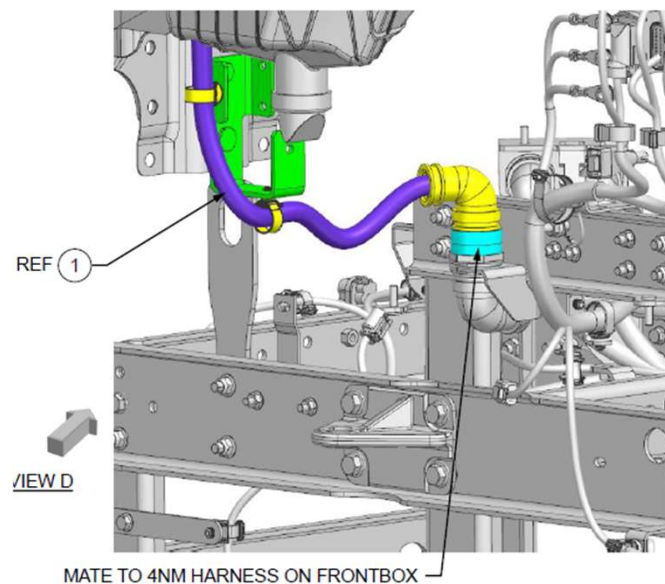
- Mod 278: Trim LH and RH Baffle on bottom of Fan Shroud to prevent it from rubbing on harness that routes around lower radiator



Continue existing
angled cut to edge
and remove corner

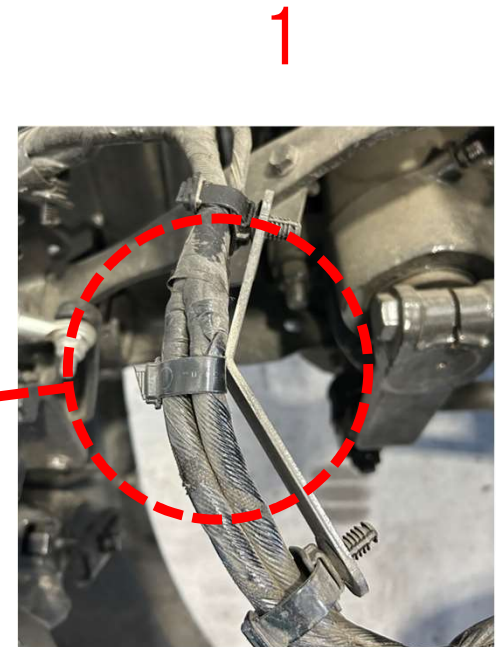
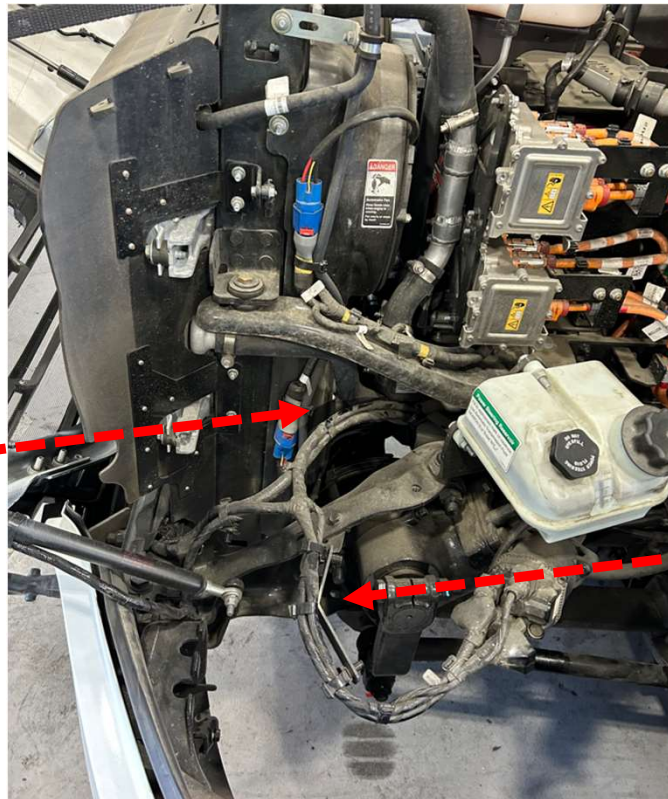
Other checks

- Mod 321: Passenger side Firewall: Make sure there is a drip loop in harness going from firewall to Deutsch Connector



Other checks

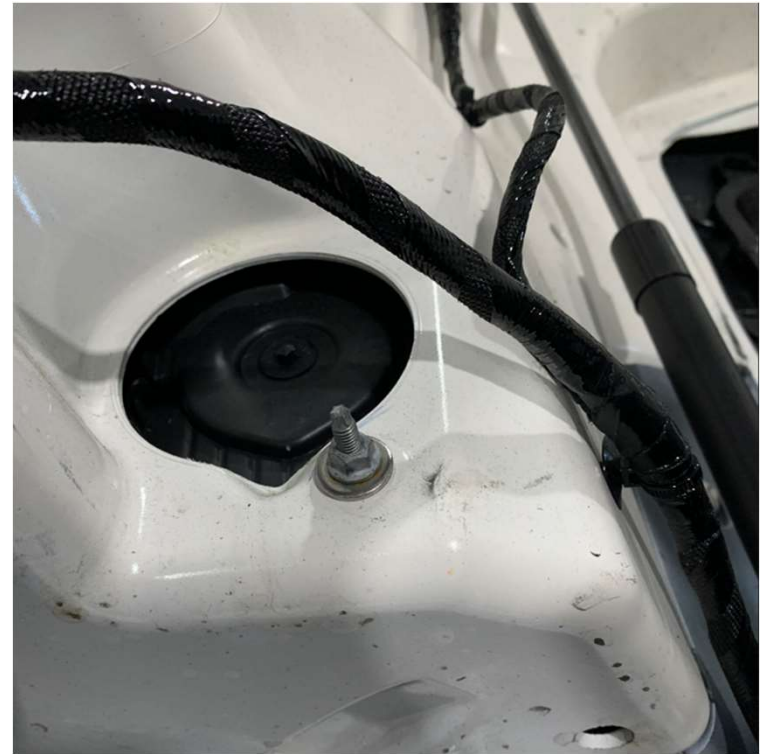
- Mod 475/288: 1) Add some slack to make sure power steering harness cannot rub on bracket by steering gear
2) Make sure harness is not rubbing on 3/2 coolant valve



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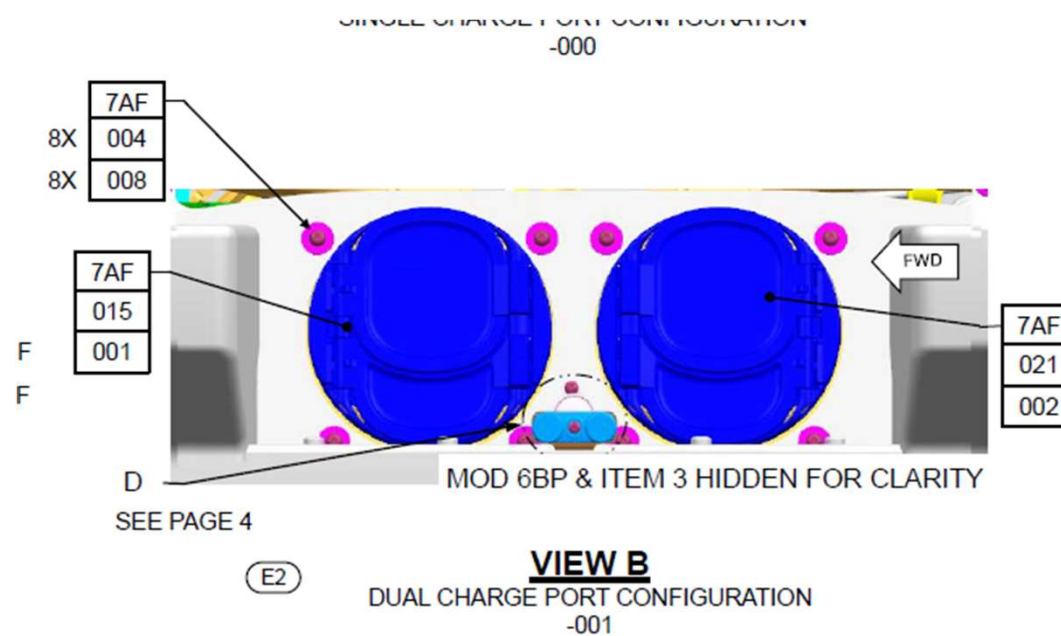
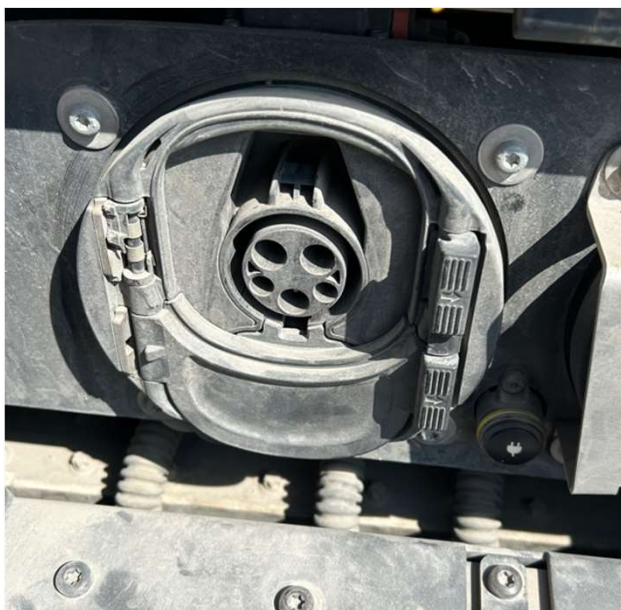
Other checks

- Mod 475: Check for headlamp bolts rubbing on harness when hood is closed. Bracket can be bent so bolt doesn't hit harness or bracket.



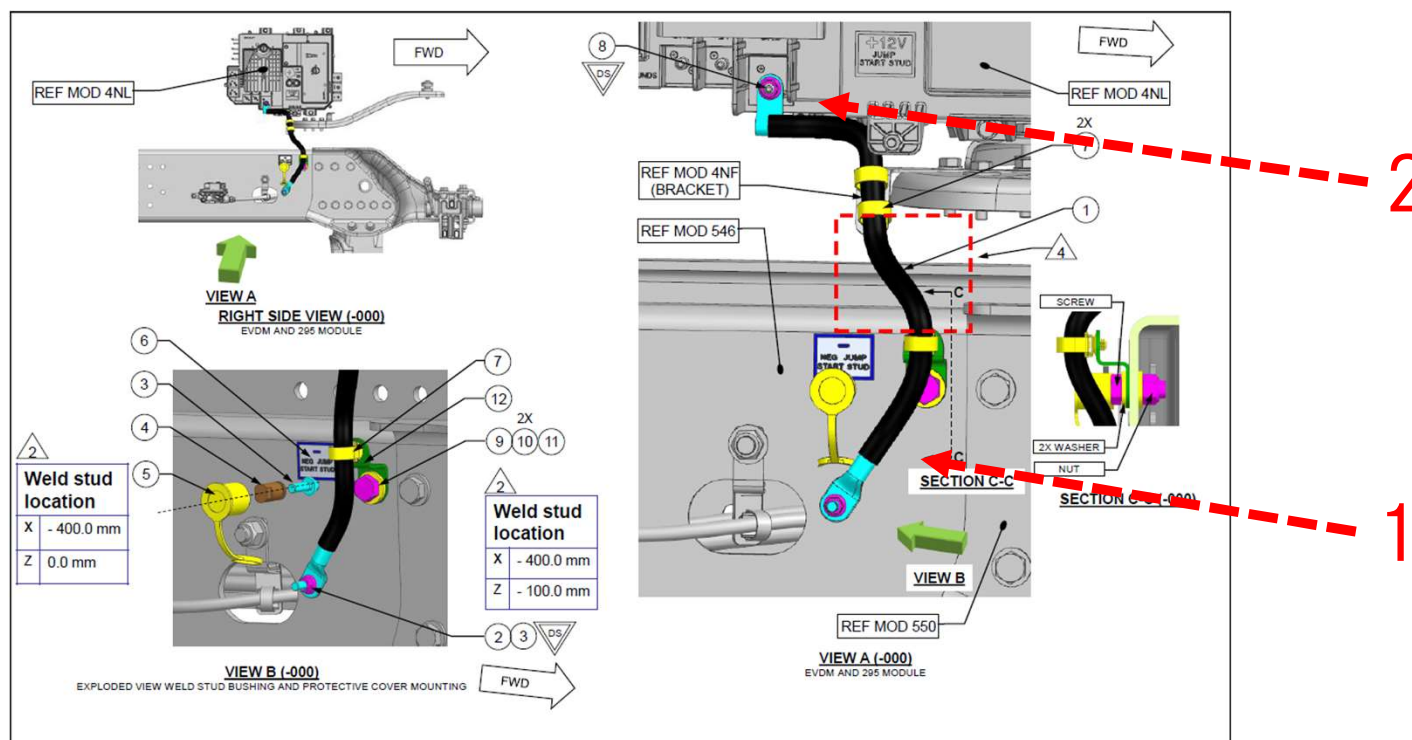
Other checks

- Mod 7AF - Make sure charge port cover is not broken and lock function correctly



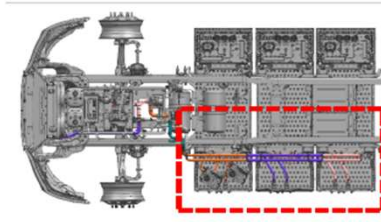
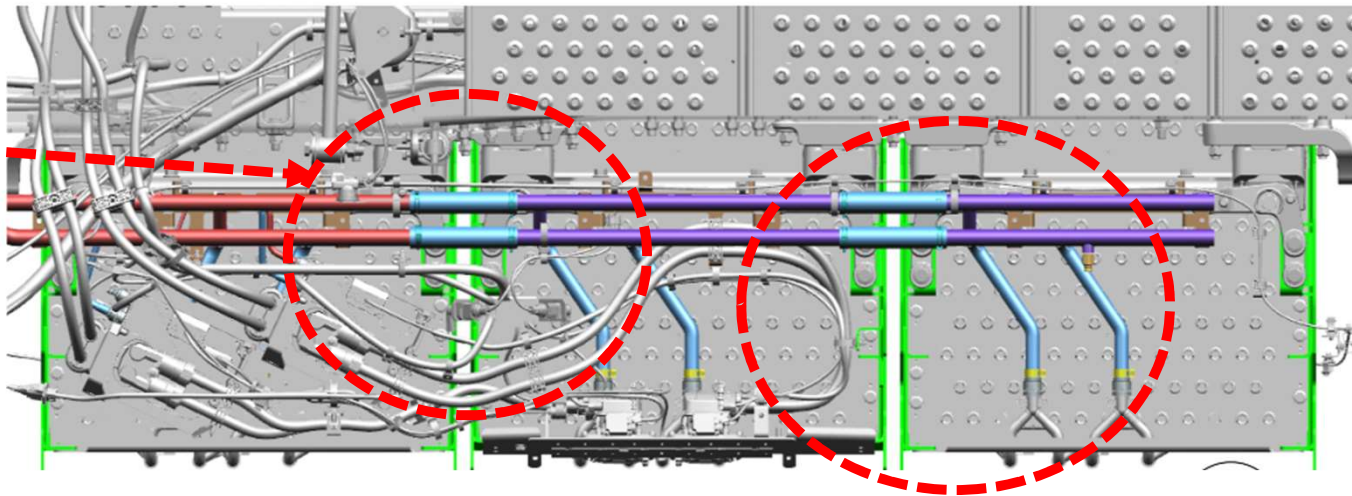
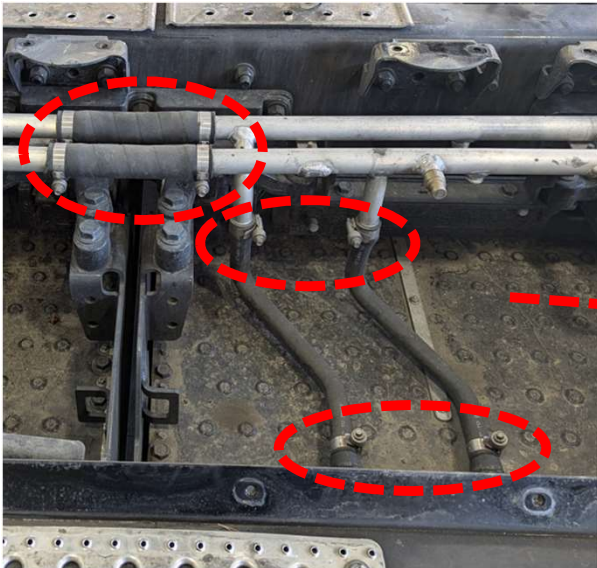
Other checks

- Mod 295 –
 - 1) Relocate Frame Ground lower on rail (this will be SF694 Campaign when published)
 - 2) Make sure nut it tight at EVDM end.



Other checks

- Mod 4BE – Check Coolant clamps for HV battery plumbing for leaks.
- Also check push to connect fittings where coolant lines attach to the batteries to make sure they are secure.



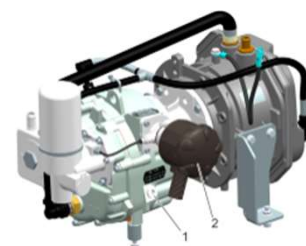
Other checks

- Mod 3ZY (Compressor) & Mod 38S (EAPU) – Check for signs of oil under EDAC. Check air filter on EAPU if oil seen.

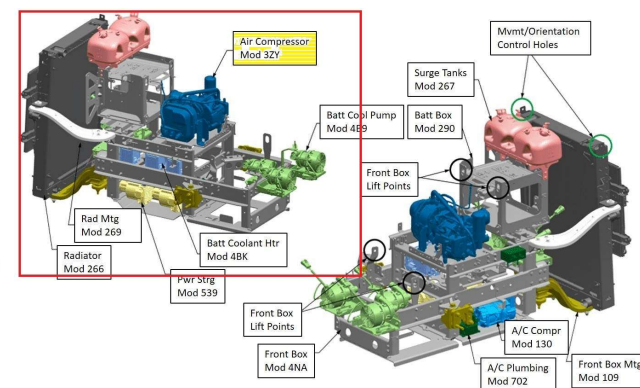


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EAPU



2. Air Filter



If oil is seen:

- Change Desiccant Cartridge in EAPU.
 - Reference eCascadia Maintenance Manual **section 11.5.**
- Check Air Filter on Air Compressor and change if needed.
 - Reference eCascadia Maintenance Manual **section 4.3.**

Parts

Mod - Desc	PN	Desc	Qty/Trk
4NJ - LV Battery	ODX AGM31	Battery	2
290 - Battery Box	06-17103-006	Hold Down	2
290 - Battery Box	23-11600-104	Nut	2
290 - Battery Box	23-09114-002	Washer	2
321 - Firewall Harness	23-14137-001	Cable Tie - Fir Tree Mount	2
475 - Pwr Strg Brkt	23-14137-001	Cable Tie-Fir Tree Mount,Tyc	2
288 - Harness zip tie	23-13476-000	Tie-Clamp,.5W,15L,4.13Bundle	1
7AF - Charge Port	66-21231-000	Charge Port Cover - Left Hand	1
4BE - Battery Cooling	23-12485-125	Worm Gear Clamp, 1-1/4 Hose	6
3ZY - Air Compressor	BW K195911	Air Filter Element	1
38S - EAPU	BW K266043	Air Dryer (Desiccant) Cartridge	1

Filing

- War 305 PDI >

File to Warranty:	Please note this is 2 nd PDI approved for Sysco EV units in claim story
PFP F99-999-091	PERFORMED PDI
SRT 958-6010A	PRE-DELIVERY, INSPECTION
- TSB 20-089 Coolant pipe

File to warranty per bulletin

- TSB 35-040 Axle Neutral Tool

File to warranty per bulletin

- Secondary Checks

File individual issues to warranty where possible
Policy repairs file to Travis Ingram, Region Code OM.
Put TI-Sysco2 as auth code in claim story
PFP 24-02114-000 Label – Certification, Zero Emission
SRT Varies depending on work completed