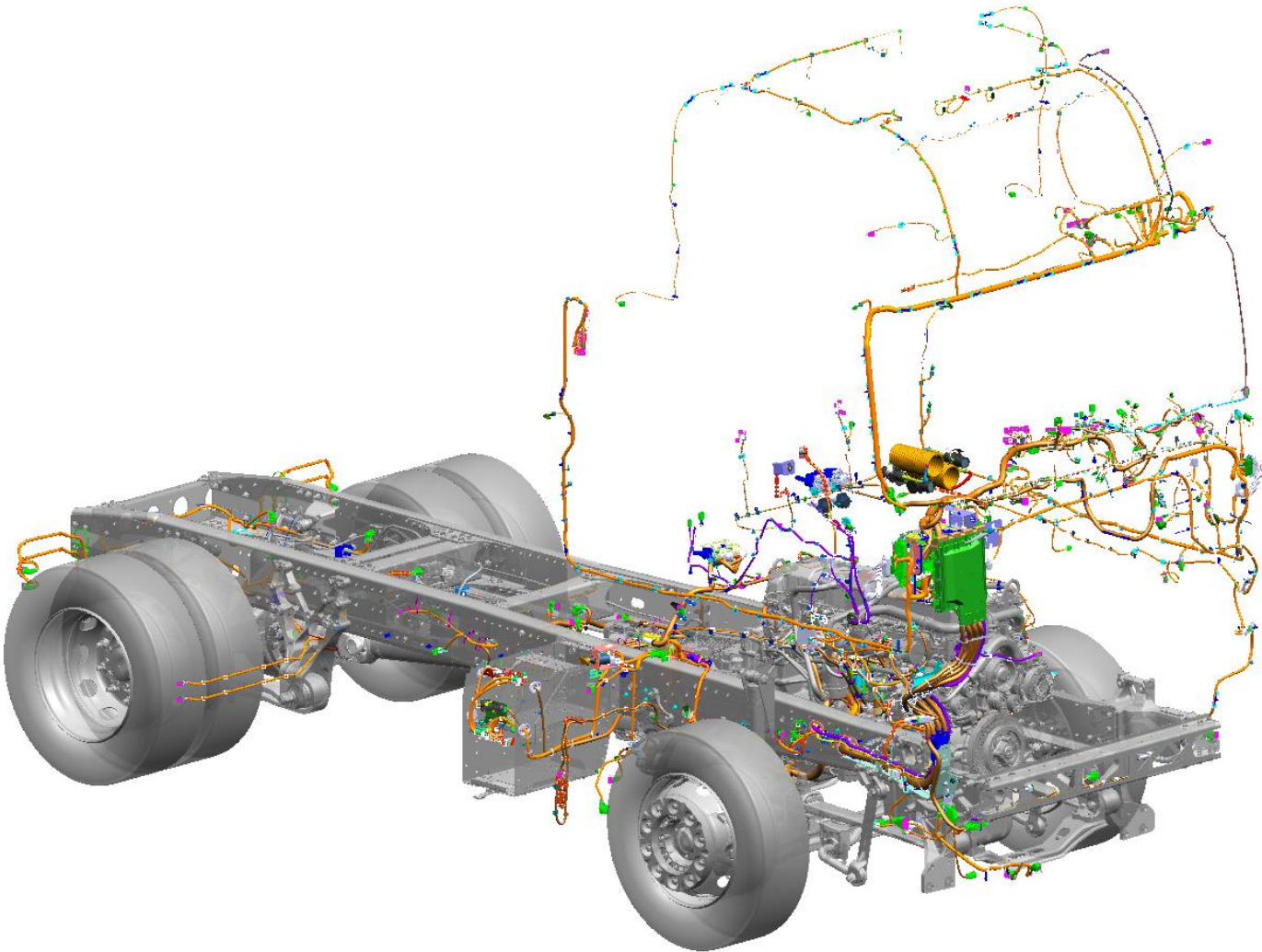


FORD TRUCKS

F-MAX Electrical Wiring Repair Manual



Vehicle	Title	Document No:	Date of Issue	Language
H625	Electrical System Troubleshooting - Repair Manual	JC46-180000-AB	08.12.2018	EN





TRUCKS

Ford Trucks Service Engineering

Contact:	Service Engineering Team
E-mail:	ftimse@ford.com.tr
Tel. No:	0216 564 7204

Updates:

Level	Date	Name	Revision
AA	09.10.2018	B.Aktepe	First Document
AB	08.12.2018	B.Aktepe	Chassis points, fusebox and bulkhead images have been added.
AC	29.04.2019	B.Aktepe	Connector visual added instead of TBD. Module and Connector Locations added..

Charts and Diagrams Referenced In This Manual:

Item No.	Name of the wiring	Middle No.	2D Diagrams
1	Driver side cab internal wiring	14A005	JC46-14A005-ABB
2	BCU wiring (Main wiring)	14398	JC46-14398-MFB
3	Door internal wiring - Left	14A584	JC46-14A584-AAB
4	Cab internal wiring from driver side to passenger side	14B242	JC46-14B242-AAB
5	Driver side cab internal rear wiring	14014	JC46-14014-ABB
6	Door internal wiring - Right	14K138	JC46-14K138-AAB
7	TPMS, Radar, OAT and Horn Wiring	13B767	JC46-13B767-DB
8	Passenger side cab internal wiring	13B712	JC46-13B712-AEB
9	Driver side roof wiring	15B594	JC46-15B594-AB
10	Bumper wiring	13N052	JC46-13N052-AB
11	Roof wiring	15A404	JC46-15A404-ADB
12	Cab lift, wet type webasto wiring	13B711	JC46-13B711-DB
13	On-transmission wiring	14K039	JC46-14K039-ABB
14	Transmission-cab wiring	15A808	JC46-15A808-RAB
15	Exhaust-SCR wiring	9L430	JC46-9L430-AB
16	cab internal console wiring	14401	JC46-14401-ASB
17	Console wiring attachment-1	14A320	JC46-14A320-BB
18	Console wiring attachment-2	19C603	JC46-19C603-AB
19	Sensor on engine wiring	12A690	JC46-12A690-AFB
20	Injector wiring	9H589	JC46-9H589-C
21	Passenger side Engine ground wiring	14303	JC46-14303-AB
22	ADR Wiring - 24V from the battery	14405	JC46-14405-MBB
23	Driver side cab internal ground wiring	14F416	JC46-14F416-AB
24	ADR Wiring	14N013	JC46-14N013-UA
25	Battery wiring	14304	JC46-14304-AB
26	ADR Wiring - 24V from the battery	14300	JC46-14300-UB
27	Alternator-mega fuse-battery wiring	14A280	JC46-14A280-UB
28	Switch-ground wiring	10K701	JC46-10K701-TB
29	Switch-battery-ground wiring	14301	JC46-14301-UB
30	Relay - air heater ground wiring	6B018	JC46-6B018-A
31	Alternator-start/stop-starter wiring	12A522	JC46-12A522-BB
32	Air heater ground wiring	6B019	JC46-6B019-BB

**TRUCKS****PREFACE**

This repair manual is prepared for providing correct and appropriate workshops services in technical manner for Ford Cargo vehicles.

This manual covers the information and repair methods required for performing electrical repair work that will be carried on the vehicle. Described repairs shall be performed by qualified and trained personnel.

It covers information on the system description, operation, and displaying the system on the vehicle, and electrical circuit diagrams, connector positions and pin layouts. Also, safety rules are provided in the introduction section.

Before starting any workshop procedure, relevant service bulletins shall also be inspected, if available, and procedures shall be performed according to the new information. Contact service representatives or relevant personnel of Ford Trucks Service Engineering department.

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SECTION: 1 INTRODUCTION
1.1. Safety Warning:

To prevent any accidents during repair and to ensure personnel safety and health, it is required to follow the procedures in this manual. Repair manual includes proper procedures and safety warnings for repair procedures. However, there are many variables in repair operations, such as the tools used, the skill of the technician and the physical conditions of environment etc. This repair manual does not consider all of these variables. Technician shall always consider his own safety.

1.2. Warnings:

Follow the general safety warnings below while working on the vehicle:

- Always use work goggles.
- If you shall work under a vehicle lifted with a jack, place a safety part under the axle.
- Hand brake shall be applied while the vehicle is parked.
- Chock the wheels to prevent moving of the vehicle.
- If the vehicle shall be operated inside the workshop, exhaust gas shall be discharged with an exhaust hose. Exhaust gas contains poisonous Carbon monoxide gas.
- Keep your body and garments away from moving and rotating parts on the vehicle. Especially, use caution while working near the pulley, belt and driveshaft. Wear proper work clothes.
- Avoid wearing clothes with long sleeves and cuffs.
- Do not touch hot parts on the vehicles which have recently been operated or have just arrived to the workshop. Parts such as hot exhaust muffler, catalyst, radiator, exhaust manifold etc. may cause serious burns.
- Do not smoke while working on the vehicle.
- Remove jewellery such as rings, watches, bracelets etc. if you will be working on the vehicle.
- If you will be working under the cab while the cab has been tilted, place a safety chock. Ensure that cab is completely tilted.
- Always make sure that nobody is present under the vehicle and in the vicinity of the vehicle before operating the vehicle.
- If the operation of the vehicle may cause risk for you, e.g. if you are working on parts such as radiator fan, driveshaft etc., remove the key from ignition switch. Put a "do not operate" sign on the steering wheel.

1.3. Workshop Equipment:
Computer Connection Interface: Samtec® HS Light-2

Part No: AC46-INTER-FACE

Recommended procurement point: Ford Otosan



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New Level Diagnostics Extension Cable:

Part No: JC46-000615-A* / JC46-000615-B*

***10 versions are available. Must be specified before ordering.**

Recommended procurement point: Çevik Makina


Laptop Computer:

Recommended brand: Panasonic® Toughbook CF-53

Recommended procurement point: Market


Diagnostic Software: FODP-2 Lite

Recommended procurement point: Ford Otosan


Digital Multimeter:

Recommended brand: Fluke® 88V/A

Recommended procurement point: Market



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Inspection Lamp: 12V and 24V

Recommended brand: -

Recommended procurement point: Market


Pin Crimper:

Recommended brand: -

Recommended procurement point: Market


Soldering gun and iron

Recommended brand: -

Recommended procurement point: Market


Electric Line Piercing Clip

Recommended brand: Fluke® TP82

Recommended procurement point: Market



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Insulation material:

- Electric tape
- Heat-shrink tubes with various diameters

Recommended brand: -

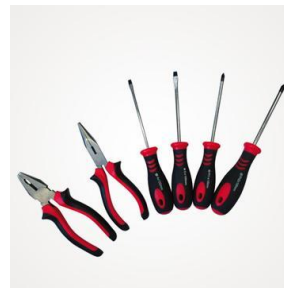
Recommended procurement point: Market


Standard service equipment:

- Set of pliers
- Set of diagonal pliers
- Set of flat screwdrivers
- Set of phillips screwdrivers

Recommended brand: -

Recommended procurement point: Market


Recommended equipment:
Oscilloscope

Recommended brand: Fluke® 123

Recommended procurement point: Market


SECTION: 2 FUSES AND RELAYS
2.1. General Description for Fuses:

Fuses and relays are the first points to be checked in an electrical failure. This section describes the fuses and relays in the vehicle and their functions.

Fuses are safety elements. They are included in the system in order to protect the power line and the component that they are connected to. They are included in the electrical system in order to protect the power line in case of excessive current consumption and/or short circuit. When the fuse is blown, it shall be replaced in order to remove the fault. However, it shall be examined carefully why the fuse has blown, the root cause of the fault and proper intervention shall be made to resolve this.

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If there is a problem with the fuse:

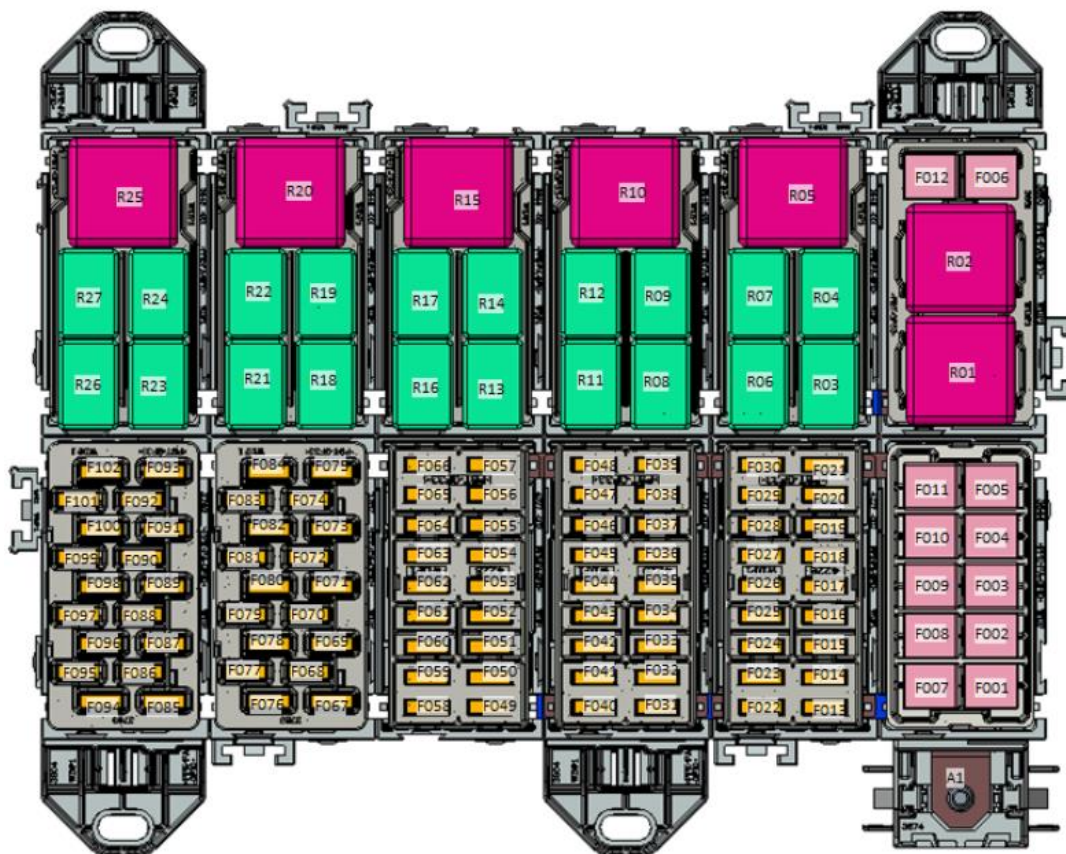
- 1- Wiring shall be checked.
- 2- Components connected to the wiring shall be checked.

Always use 'genuine' fuses and relays with 'DC'.

Components inside the Fuse Box:

- BLADE FUSE (shown with a J)
- MINI FUSE (shown with an F)
- RELAYS (shown with a R)
- MEGA FUSE
- DIODES (shown with a D)

2.2. Fuse and Relay Box:





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Fuse and Relay Box Diagram View:

R25		R20		R15		R10		R05		F012	F006
R27		R24		R22		R19		R17		R02	
R26		R23		R21		R18		R16		R01	
F102	F093	F084	F075	F066	F057	F048	F039	F030	F021	F011	F005
F101	F092	F083	F074	F065	F056	F047	F038	F029	F020	F010	F004
F100	F091	F082	F073	F064	F055	F046	F037	F028	F019	F009	F003
F099	F090	F081	F072	F063	F054	F045	F036	F027	F018		
F098	F089	F080	F071	F062	F053	F044	F035	F026	F017	F008	F002
F097	F088	F079	F070	F061	F052	F043	F034	F025	F016		
F096	F087	F078	F069	F060	F051	F042	F033	F024	F015	F007	F001
F095	F086	F077	F068	F059	F050	F041	F032	F023	F014		
F094	F085	F076	F067	F058	F049	F040	F031	F022	F013		



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2.2.1 Fuses:

NO	VALUE	SYSTEM
FS001	30 A	AUTOMATIC TRANSMISSION CONTROL UNIT - 1
FS002	40 A	WINDSHIELD HEATING - 1
FS003	40 A	WINDSHIELD HEATING - 2
FS006	20 A	12V POWER OUTLET
FS007	30 A	AIR CONDITIONER FAN
FS009	50 A	CAB LIFTING MOTOR
FS010	30 A	24V KL30 FOR FS101
FS011	40 A	24V POWER OUTLET PANEL AND BED
FS013	20 A	ENGINE CONTROL UNIT
FS014	10 A	AUTOMATIC TRANSMISSION CONTROL UNIT - 2
FS015	7.5 A	INTARDER
FS016	15 A	PARKING LAMPS
FS017	5 A	TACHOGRAPH
FS018	3 A	FRONT CAMERA
FS019	7.5 A	DOOR LOCK BUTTON
FS020	20 A	BODY CONTROL UNIT - 1

NO	VALUE	SYSTEM
FS021	5 A	ELECTRONIC AIR PRESSURE UNIT
FS022	20 A	BODY CONTROL UNIT - 2
FS023	10 A	BRAKE LAMPS
FS024	7.5 A	REFRIGERATOR
FS025	20 A	BODY CONTROL UNIT - 3
FS026	20 A	NOX SENSORS 1 & 2 & UREA QUALITY AND LEVEL SENSOR
FS027	20 A	WET TYPE HEATER
FS028	10 A	MIRROR HEATERS
FS029	7.5 A	TRIPLE DOME PARKING LAMPS & DOME BEACON
FS030	10 A	DRY TYPE HEATER
FS031	30 A	7 PIN TRAILER CONNECTOR
FS032	3 A	ERA GLONASS EMERGENCY CALL UNIT
FS033	20 A	BODY CONTROL UNIT - 4
FS034	20 A	BODY CONTROL UNIT - 5
FS035	20 A	BODY CONTROL UNIT - 6

NO	VALUE	SYSTEM
FS036	20 A	BODY CONTROL UNIT - 7
FS037	3 A	RIGHT AND LEFT ARM
FS038	10 A	OBD (ON BOARD DIAGNOSIS SYSTEM) CONNECTORS 1 & 2
FS039	20 A	BODY CONTROL UNIT - 8
FS040	7.5 A	SHADE MOTOR
FS041	25 A	CONVERTOR 2
FS042	5 A	PREDICTIVE CRUISE CONTROL UNIT
FS043	15 A	HORN
FS044	15 A	EBS UNIT
FS045	3 A	BUTTONS
FS046	25 A	CONVERTOR 2
FS047	15 A	DENOX CONTROL UNIT AND UREA HEATERS
FS048	20 A	AFTER SALES CHASSIS AND DOME CONNECTORS
FS050	20 A	24V POWER OUTLET - PANEL
FS051	20 A	24V POWER OUTLET - BED
FS052	20 A	AFTER SALES CAB CONNECTOR & FLEET MONITORING UNIT
FS053	15 A	LIGHTER

NO	VALUE	SYSTEM
FS054	5 A	TIRE PRESSURE DISPLAY UNIT
FS055	5 A	IGNITION SWITCH
FS056	10 A	INSTRUMENT PANEL
FS057	3 A	EXTERIOR CABINET LAMPS
FS058	3 A	Engine RPM
FS059	10 A	15-PIN TRAILER CONNECTOR & AFTER SALES CHASSIS AND DOME CONNECTORS - PARK
FS060	5 A	VEHICLE PARK LAMPS
FS061	1 A	SUNROOF WINDOW (HEADLINING CONSOLE SIDE) BUTTON - WAKING
FS062	1 A	SUNROOF WINDOW (BED SIDE) BUTTON - WAKING
FS063	1 A	BED LAMP BUTTON - WAKING
FS064	3 A	TACHOGRAPH (VEHICLES CARRYING HAZARDOUS MATERIAL)
FS066	5 A	INTERIOR CABINET LAMPS & DOOR LOCKING SWITCHES
FS067	7.5 A	EBS UNIT - IGNITION
FS068	3 A	INSTRUMENT PANEL - IGNITION
FS069	3 A	ELECTRONIC AIR PRESSURE UNIT - IGNITION
FS070	7.5 A	INTARDER - IGNITION
FS071	5 A	TACHOGRAPH - IGNITION



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NO	VALUE	SYSTEM
FS072	3 A	LANE DEPARTURE WARNING SYSTEM BUZZER
FS073	7.5 A	RADAR & CAMERA & PREDICTIVE CRUISE CONTROL UNIT - IGNITION
FS074	7.5 A	AUTOMATIC TRANSMISSION CONTROL UNIT - IGNITION
FS075	5 A	ENGINE CONTROL UNIT - IGNITION
FS076	3 A	ELECTRONICALLY AIR SUSPENSION CONTROL
FS077	10 A	SEAT HEATER
FS079	3 A	BRAKE LAMPS
FS080	15 A	AFTER SALES CHASSIS AND DOME CONNECTORS & FLEET MONITORING UNIT - IGNITION
FS081	3 A	ERA GLONASS EMERGENCY CALL UNIT - IGNITION
FS082	7.5 A	WORKING LAMP - IGNITION
FS083	3 A	RIGHT AND LEFT ARM - IGNITION
FS084	5 A	BUTTONS & STEERING LOCK VALVE - IGNITION
FS085	10 A	REVERSING LAMPS

NO	VALUE	SYSTEM
FS087	20 A	FUEL HEATER
FS088	7.5 A	7-PIN TRAILER CONNECTOR - IGNITION
FS089	3 A	CONVERTORS 1 & 2 - IGNITION
FS090	10 A	NOX SENSORS 1 & 2
FS091	7.5 A	UREA QUALITY AND LEVEL SENSOR
FS092	15 A	TURBO & EXHAUST GAS RECIRCULATION
FS093	7.5 A	FRONT HEADLAMPS
FS094	5 A	RAIN SENSOR & ON BOARD TEMPERATURE AND HUMIDITY SENSOR & WINDOW AND MIRROR BUTTON
FS097	20 A	BODY CONTROL UNIT - 12V SUPPLY
FS098	7.5 A	A/C CONTROL UNIT
FS099	7.5 A	EXTERIOR CABINET LAMPS
FS100	3 A	HEADLAMP SWITCH
FS101	7.5 A	HORN AND A/C MOTOR RELAY COIL
FS102	20 A	RADIO

J (BLADE) FUSE DESCRIPTION		
AMPERE [A]	COLOR	PART NUMBER
20	BLUE	F8SB-14A094-AA
30	PINK	F8SB-14A094-BA
40	GREEN	F8SB-14A094-CA
60	YELLOW	XS21-14A094-AA

F (MINI) FUSE DESCRIPTION		
AMPERE [A]	COLOR	PART NUMBER
3	PURPLE	1L3T-14A094-BA
5	ORANGE	1L3T-14A094-DA
7.5	BROWN	1L3T-14A094-EA
10	RED	1L3T-14A094-FA
15	BLUE	1L3T-14A094-GA
20	YELLOW	1L3T-14A094-HA
30	GREEN	1L3T-14A094-KA



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2.2.2 Relays:

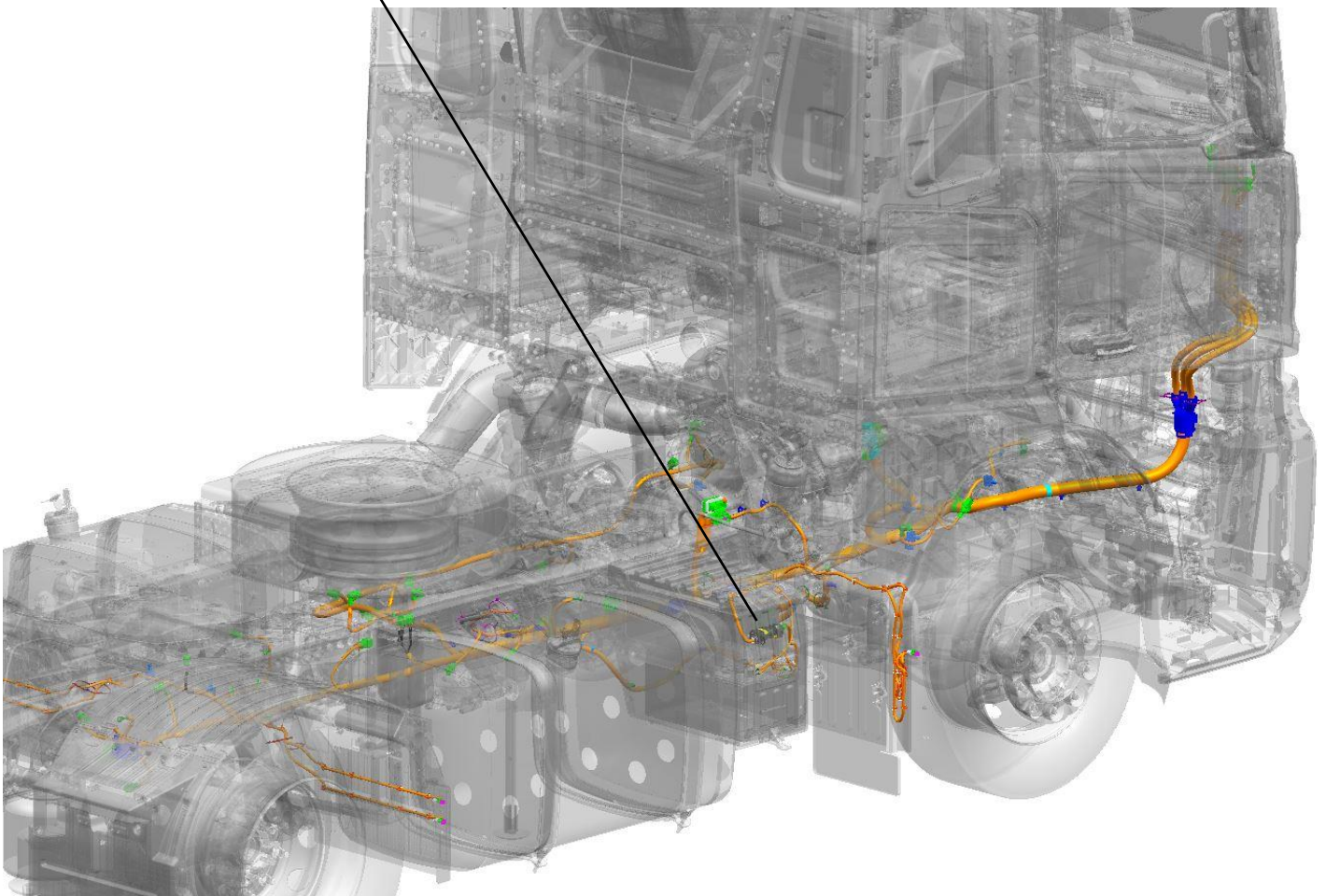
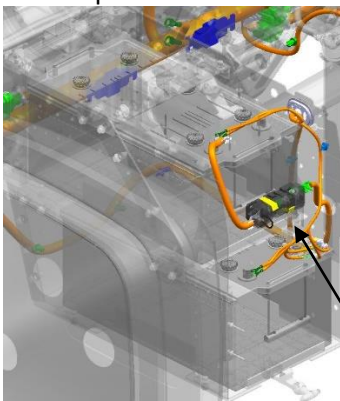
NO	VALUE	SYSTEM	PART NO.
R01	40A	IGNITION/START - 1	DU5T-14B192-BA
R02	40A	IGNITION/START - 2	DU5T-14B192-BA
R03	20A	POWER OUTLETS (SEALED RELAY) - 12V	FU5T-14B192-AA
R04	20A	WORKING LAMP	DU5T-14B192-AA
R05	40A	IGNITION/ACCESSORY	DU5T-14B192-BA
R06	20A	SHADE MOTOR - UP	DU5T-14B192-AA
R07	20A	ENGINE OFF	DU5T-14B192-AA
R08	20A	HORN	DU5T-14B192-AA
R09	20A	UREA MODULE AND UREA HEATERS	DU5T-14B192-AA
R10	40A	A/C MOTOR	DU5T-14B192-BA
R11	20A	REVERSE LAMPS & REVERSE WARNING	DU5T-14B192-AA
R12	20A	UREA QUALITY AND LEVEL SENSOR & NOX SENSORS & TURBO & EXHAUST GAS RECIRCULATION	DU5T-14B192-AA
R13		EMPTY	
R14		EMPTY	
R15	40A	CAB LIFTING MOTOR	DU5T-14B192-BA
R16		EMPTY	
R17	20A	BRAKE LAMPS	DU5T-14B192-AA
R18		EMPTY	
R19	20A	PARKING LAMPS	DU5T-14B192-AA
R20	40A	WINDSHIELD HEATING - 1	DU5T-14B192-BA
R21	20A	TRIPLE DOME PARK LAMPS	DU5T-14B192-AA
R22		EMPTY	
R23	20A	DOME BEACON	DU5T-14B192-AA
R24	20A	MIRROR HEATERS	DU5T-14B192-AA
R25	40A	WINDSHIELD HEATING - 2	DU5T-14B192-BA
R26	20A	DOOR LOCKING BUTTONS	DU5T-14B192-AA
R27	20A	SHADE MOTOR - DOWN	DU5T-14B192-AA

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2.3. Mega Fuse:



This is the fuse with the highest amperage installed for the protection of electrical wiring of vehicles. It is rated at 150 Amperes.



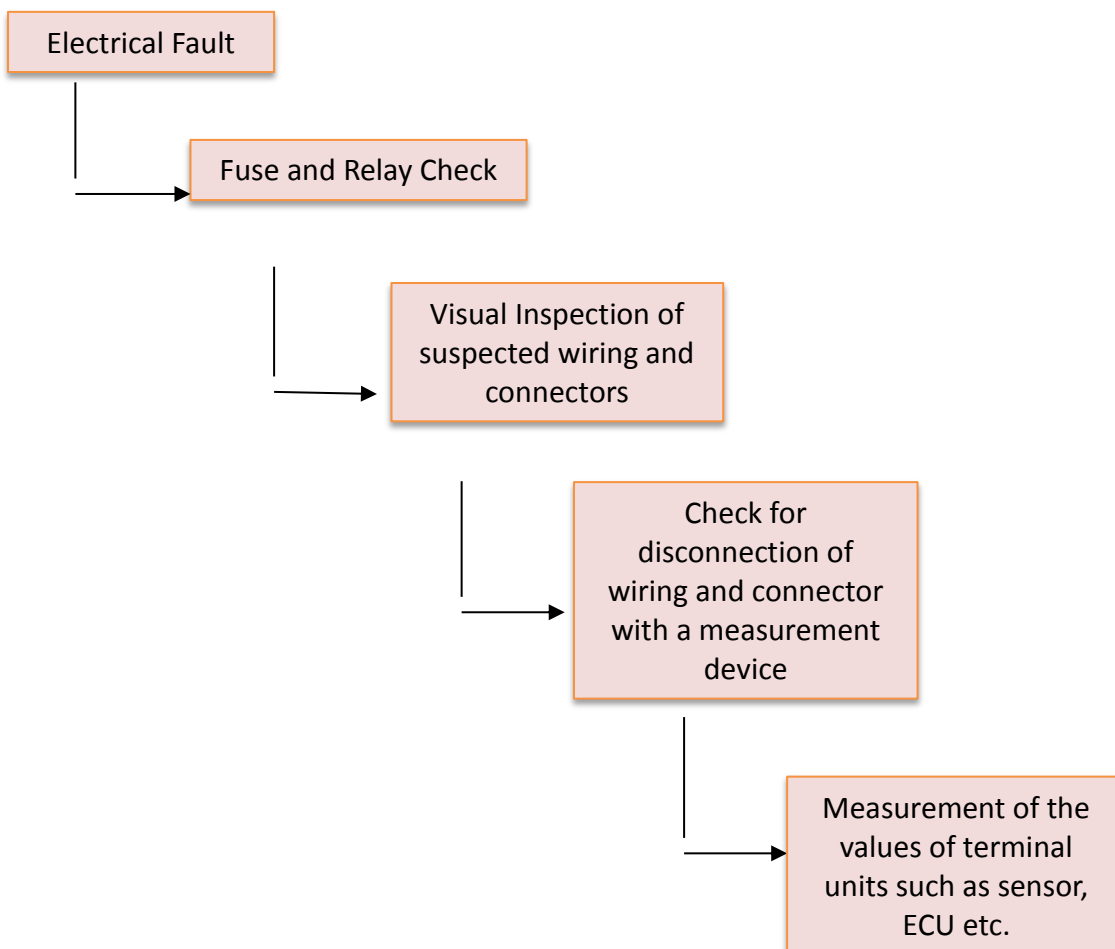
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SECTION: 3 ELECTRICAL WIRINGS

3.1.0 Basic Approaches on Fault Finding

We have mentioned in section 2 that the fuses and relays are the first points to be checked in an electrical failure. If there is no failure on fuses or relays, visually inspect the relevant line.

During visual inspection, check for cable sheath damage and whether the conductive part has come out due to friction in wires especially. Connectors on the line may be removed and re-installed again for visual inspection. Check for oxidation, loosening of the pins and check whether they are driven in. If you cannot observe any fault, check for open (disconnection) or short circuit in the line. If the line is also OK, perform measurements of terminal units such as control units.



The main guide in these inspections is the “wiring diagrams.” These shall be available in the computer or in the briefcase of each technician as a printed book.

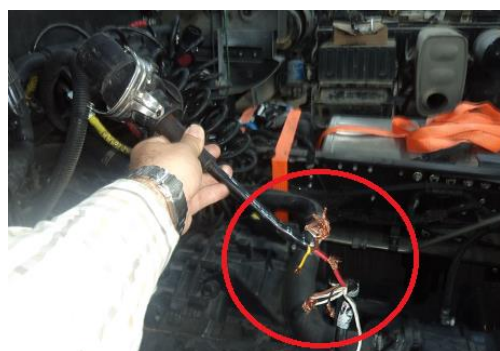
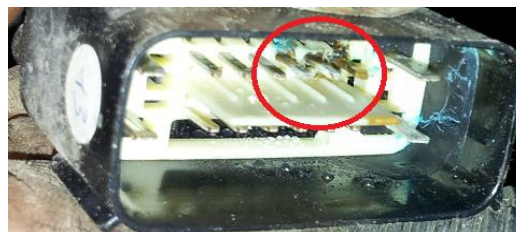
Open circuit or short circuit faults may be “continuous” or may appear intermittently as per conditions. For example, fault may appear when the vehicle falls in a pit or when it enters a turn with a high speed, and it may be non-apparent when the vehicle is on a straight road. Intermittent faults are the most difficult ones to diagnose. In this respect, “passive” faults displayed in the diagnostics unit give us important information. If it is required to repeat the fault condition, one of the methods is making a test drive by connecting a measurement tool and trying to repeat the fault by changing many driving and environmental parameters. For example, if a CAN line disconnection is present between automatic transmission and Engine ECU, it is possible to view the disconnection moment graphically in a road test by connecting an oscilloscope to the transmission CAN line.

Another way of recurring the fault is “static” operation. It is checked whether the fault recurs by jiggling the suspected line while the vehicle is parked.

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Some examples that may cause a fault in the power line:

- Driving in of the connector pin: this condition is seen in connectors frequently removed and installed.
- Loosened female to male connection due to the loosening of connector tab:
- Corrosion (oxidation) of connector pins: Corrosion makes that the pins lose their conductive properties and causes an open/short circuit due to the contact of the liquids such as water, acid etc. with connector pins. Corrosion may especially be seen in areas where contact with liquids is probable. For example, it may be encountered with higher risk of mud, snow splashes, or where liquids flow from the upperstructure to the connector. (This shall be considered in vehicles that carry liquids such as mixers, dump trucks, tankers etc.)
- Wire short circuit due to friction
- Damage to the wire that connect the trailer to vehicle while cornering
- Overheating of a source in the vicinity of the connector; e.g. a turbocharger or falling of the wiring in the vicinity of a heat producing source due to break of the cable tie that fixes the line.



TRUCKS

3.1.1 Electric Wiring Repair Methods

Padded Add-on Wiring Repair

The electrical wiring may require repairs in case of mechanical damage. In this case, the instructions below shall be followed.

1) Remove the battery negative pole cap. The battery pole caps shall not be removed as the vehicle is operational. Place the removed battery pole cap following reconnecting all cables.

2) Before starting any modification, installation and superstructure operations, the related instructions must be read. The evidence whether the instructions are observed must be kept based on vehicle chassis number. The evidence may be photographs, project schematics etc. or other technical documentation.

3) Replace the whole cable if possible. Extensions in thick cables are very risky and should be avoided. Since it will have a negative effect on the starter current which changes drastically based on ambient temperature, extension of the cable length shall be avoided. Therefore, issues such as late operation or no operation may occur.

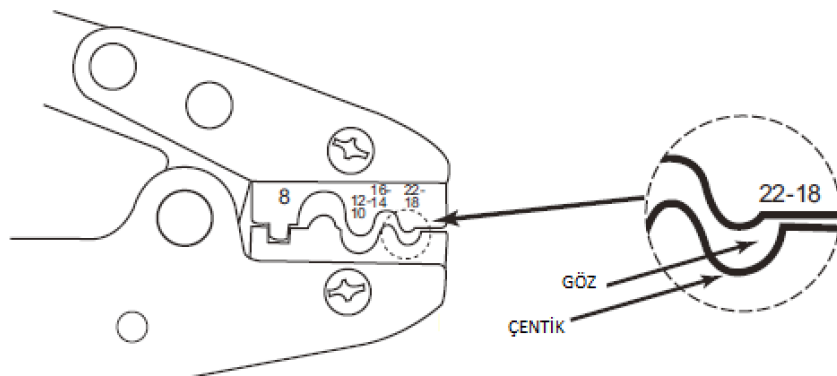
4) Padded add-on wiring repair procedure can only be done on cables with cross section larger than 1 mm.

5) Remove the cable sleeve on the wire approximately 25 mm. Remove the insulation on the wire approximately 7-8 mm.

6) Slide the contracted tube appropriate for the cable cross section near the cable with removed insulation around 2-3 mm proximity.

7) Select the extension clip appropriate for the cable cross section. Place the cables with removed insulation on the leads in the extension clip. Ensure that the cable insulation is not inside the terminal.

8-) Select the eyelet of the terminal clamps in align with the cable diameter and additional clip



9) Centre one lead of the extension that will be crimped with the appropriate eyelet of the terminal clamp. Ensure that the terminal lead is tightly fit in the groove on the clamps.

10) Keep the terminal in place so that it will not come out through the cable. Start crimping until the clamp is released (one or two clicks). Do not damage the terminal.

11) Hold the terminal clamp to view the cable diameter indicators. Tighten the clamp until the handles are released, then leave the clamp.

TRUCKS

- 12) Repeat steps 6 to 10 for the non-crimped lead of the cable.
- 13) Check the attached cable visually.
- 14) Provide appropriate protection on the repaired section (band etc.).

OK crimping criteria

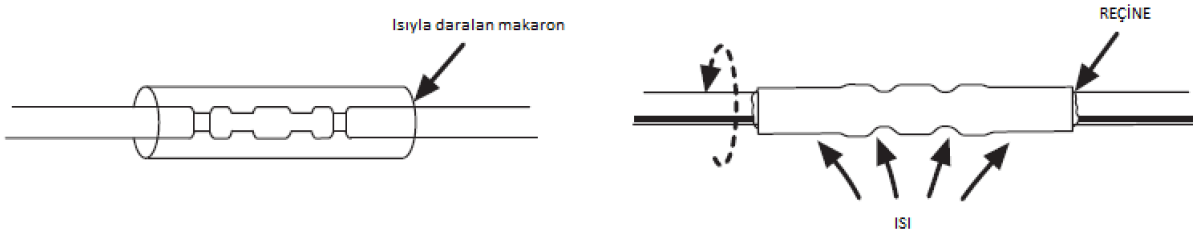
- 1-) The terminal should stop in the middle of the two cables. A slight displacement may be acceptable, however one must stick to one of the terminal cables



- 2) Cable insulation must not enter the terminal in any way.
- 3) The cables must be visible through the eyelets on the terminal.

APPLICATION OF CONTRACTING TUBE

- 1-) Slide the contracting tube on the cable extension. Ensure that the tube is centred on the cable extension.
- 2-) As per the operating instructions for the heat gun; heat the tube starting from the middle and going to the edges and rotate the tube accordingly, until the tube is completely contracted and ensured that it will not contract further. The resin inside the tube must flow out and must be visible from both leads of the tube.
- 3-) Ensure that the tube is not loose.


NOTE:

- 1-) The completed extension should be placed at a well-protected area to avoid mechanical damage. It shall not be placed where maximum vibration, distortion, bending and water accumulation occur.
- 2-) Cables shall not be connected through the leads with removed insulation; the cables shall be repaired as specified above.
- 3-) Silicon shall not be used for insulation. Contracting tubes shall be used.
- 4-) Components such as damaged cables and / or connecting parts, sockets, boxes etc. must never be used. If damage has occurred during installation, it must be replaced with new component.

Tube Type add-on Wiring Repair:

The electrical wiring may require repairs in case of mechanical damage. In this case, the instructions below shall be followed.

1) Remove the battery negative pole cap. The battery pole caps shall not be removed as the vehicle is operational. Place the removed battery pole cap following reconnecting all cables.

2) Before starting any modification, installation and superstructure operations, the related instructions must be read. The evidence whether the instructions are observed must be kept based on vehicle chassis number. The evidence may be photographs, project schematics etc. or other technical documentation.

3) Replace the whole cable if possible. Extensions in thick cables are very risky and should be avoided. Since it will have a negative effect on the starter current which changes drastically based on ambient temperature, extension of the cable length shall be avoided. Therefore, issues such as late operation or no operation may occur.

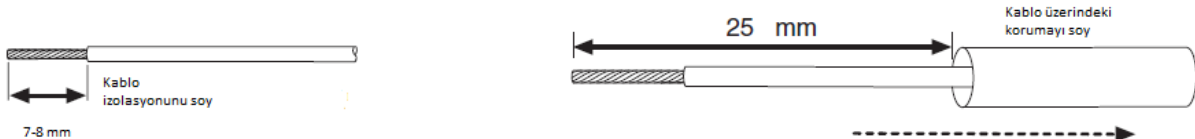
4-) Additional wiring should be provided as Ford Otosan spare parts

5-) Cut off the damaged part of the cable.

6-) Select the extension appropriate for the cable cross section.

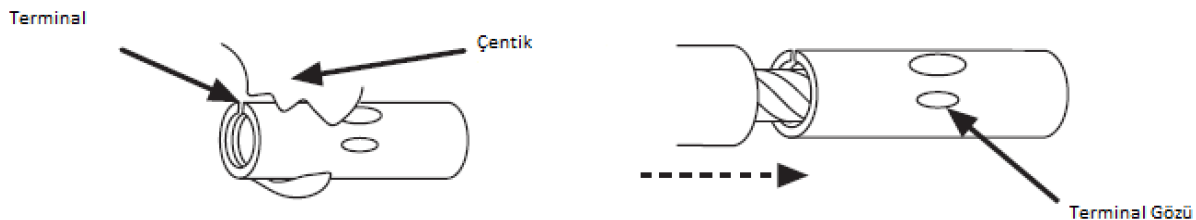
7-) It shall be insulated with a tube that contracts with appropriate heat.

8-) Remove the cable sleeve on the wire approximately 25 mm. Remove the insulation on the wire approximately 7-8 mm.



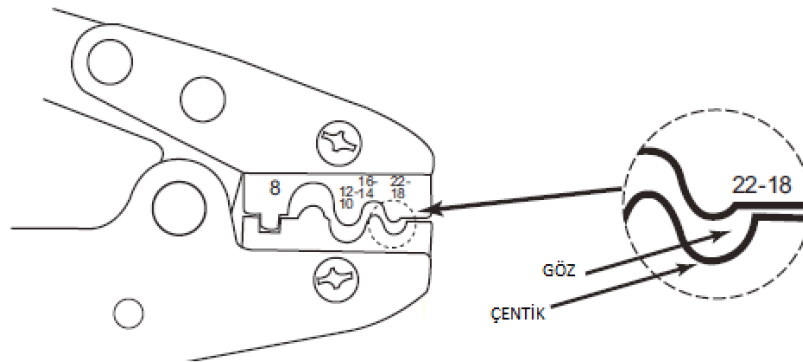
9-) Slide the contracted tube near the cable with removed insulation around 2-3 mm proximity.

10-) The cables with insulation removed shall be inserted until seen through the eyelets of the terminal. Ensure that the cable insulation is not inside the terminal.



TRUCKS

11-) Select the eyelet of the terminal clamps in align with the cable diameter and additional clip



12-) Centre one lead of the extension that will be crimped with the appropriate eyelet of the terminal clamp. Ensure that the terminal lead is tightly fit in the groove on the clamps.

13-) Keep the terminal in place so that it will not come out through the cable. Start crimping until the clamp is released (one or two clicks). Do not damage the terminal.

14-) Hold the terminal clamp to view the cable diameter indicators. Tighten the clamp until the handles are released, then leave the clamp.

15-) Follow the instructions from point 7 to point 12 to add the other lead of the cable to the terminal.

NOTE: If it is not possible to rotate the cable extension, the terminal clamp can be rotated.

16) Check the attached cable visually.

17) Provide appropriate protection on the repaired section (band etc.).

OK crimping criteria

1-) The terminal should stop in the middle of the two cables. A slight displacement may be acceptable, however one must stick to one of the terminal cables

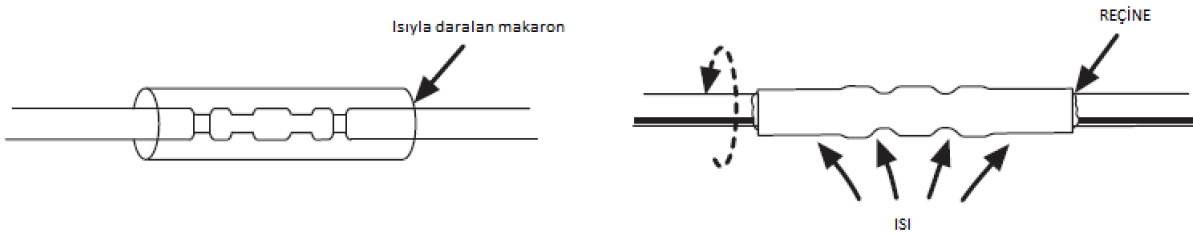


2) Cable insulation must not enter the terminal in any way.

3) The cables must be visible through the eyelets on the terminal.

APPLICATION OF CONTRACTING TUBE

- 1-) Slide the contracting tube on the cable extension. Ensure that the tube is centred on the cable extension.
- 2-) As per the operating instructions for the heat gun; heat the tube starting from the middle and going to the edges and rotate the tube accordingly, until the tube is completely contracted and ensured that it will not contract further. The resin inside the tube must flow out and must be visible from both leads of the tube.
- 3-) Ensure that the tube is not loose.


NOTE:

- 1-) The completed extension should be placed at a well-protected area to avoid mechanical damage. It shall not be placed where maximum vibration, distortion, bending and water accumulation occur.
- 2-) Cables shall not be connected through the leads with removed insulation; the cables shall be repaired as specified above.
- 3-) Silicon shall not be used for insulation. Contracting tubes shall be used.
- 4-) Components such as damaged cables and / or connecting parts, sockets, boxes etc. must never be used. If damage has occurred during installation, it must be replaced with new component.

Wiring Repair by Soldering

The electrical wiring may require repairs in case of mechanical damage. In this case, the instructions below shall be followed.

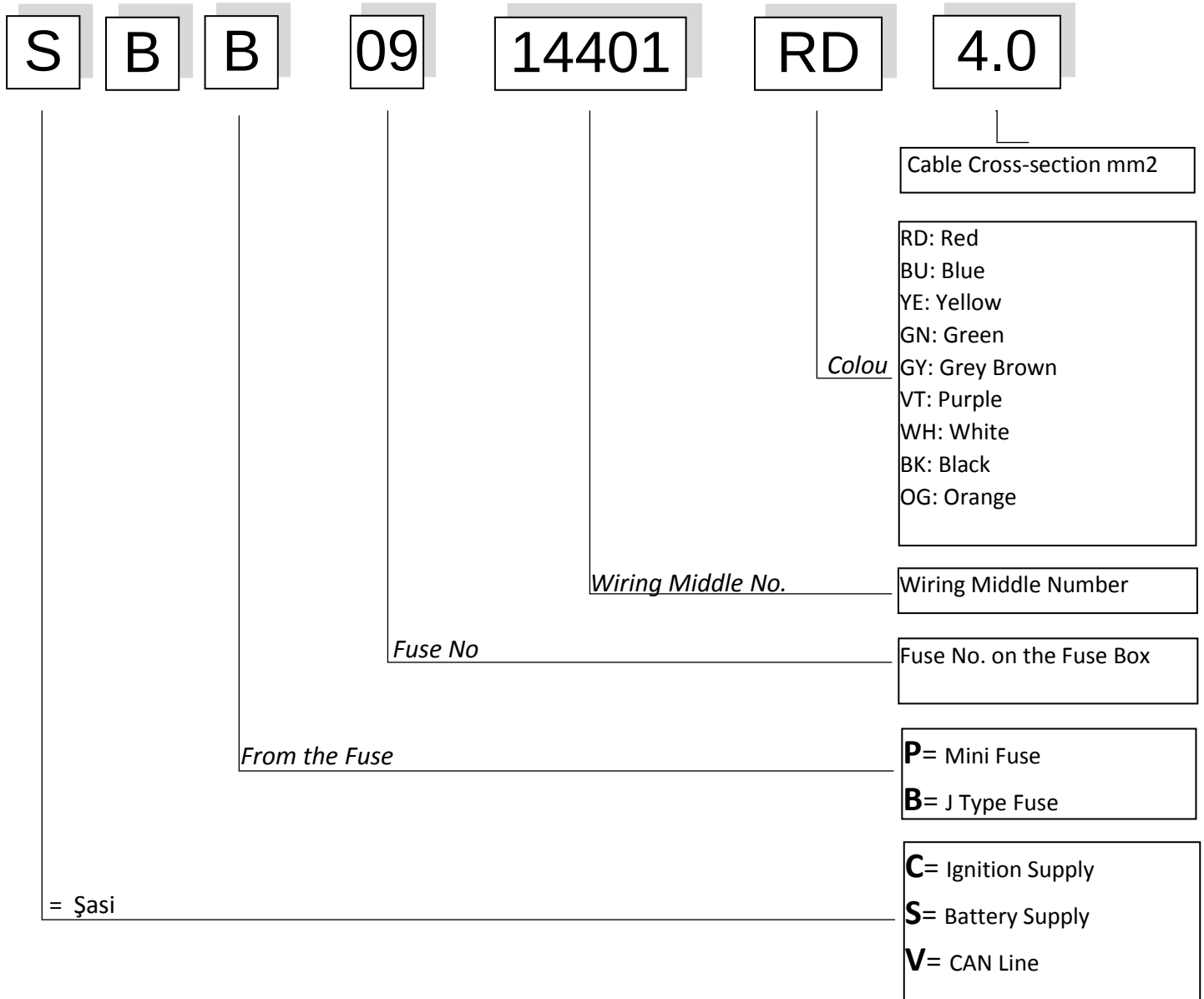
- 1) Remove the battery negative pole cap.** The battery pole caps shall not be removed as the vehicle is operational. Place the removed battery pole cap following reconnecting all cables.
- 2) Before starting any modification, installation and superstructure operations, the related instructions must be read. The evidence whether the instructions are observed must be kept based on vehicle chassis number. The evidence may be photographs, project schematics etc. or other technical documentation.
- 3) Replace the whole cable if possible**
- 4) The soldering procedure can only be carried out for a cable with a cross section of maximum 1 mm.**
- 5) Remove the affected connector from the component. Remove the band or any other protection on the wiring.
- 6) Cut off the circuits 150 mm behind the connector. Ensure that the remaining cable length is sufficient for repair

- 7) Remove the insulation on both cables up to 2-3 mm.
- 8-) Slide the contracted tube near the cable with removed insulation around 2-3 mm proximity.
- 9) Bend the stripped parts of the cables. Solder the cables together.
- 10) After the solder is cooled down, visually check the soldering.
- 11) Slide the contracting tube to the soldered section. Ensure that the tube is centred on the repaired section.
- 12-) As per the operating instructions for the heat gun; heat the tube starting from the middle and going to the edges and rotate the tube accordingly, until the tube is completely contracted and ensured that it will not contract further. The resin inside the tube must flow out and must be visible from both leads of the tube.
- 13-) Ensure that the tube is not loose.
- 14) Provide appropriate protection on the repaired section (band etc.).

Notes:

- 1-) Following repairing twisted cables, a section longer than 50 mm shall not be left not twisted.
- 2-) Repaired cables should be bent in the same direction as the original cable and with the same twist frequency.
- 3-) Screen shielding should be applied on shielded cables.
- 4-) Silicon shall not be used for insulation. Contracting tubes shall be used.
- 5-) Components such as damaged cables and / or connecting parts, sockets, boxes etc. must never be used. If damage has occurred during installation, it must be replaced with new component.

3.2. Wiring Diagram Abbreviations:



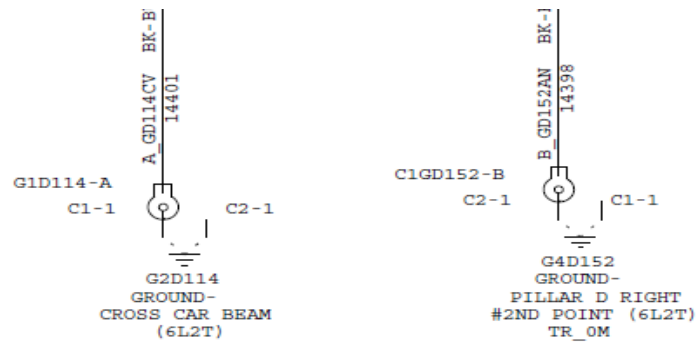
SBB09A RD 2TBD-4.0
14401

SBB09B RD 2TBD-6.0
14401

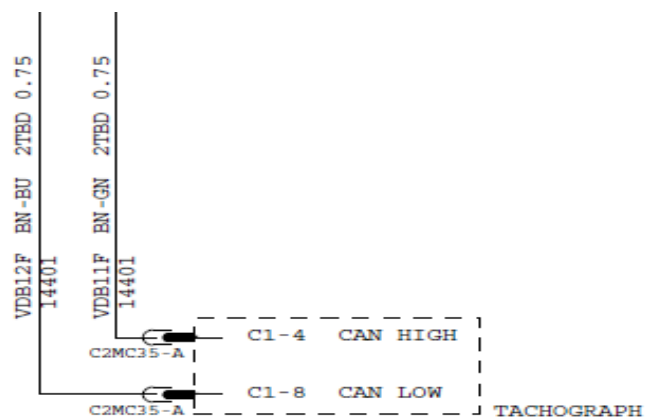
SBB09C RD 2TBD-4.0
14401

SBP56A VT/RD 2TBD-2.5
14401

GD = Chassis



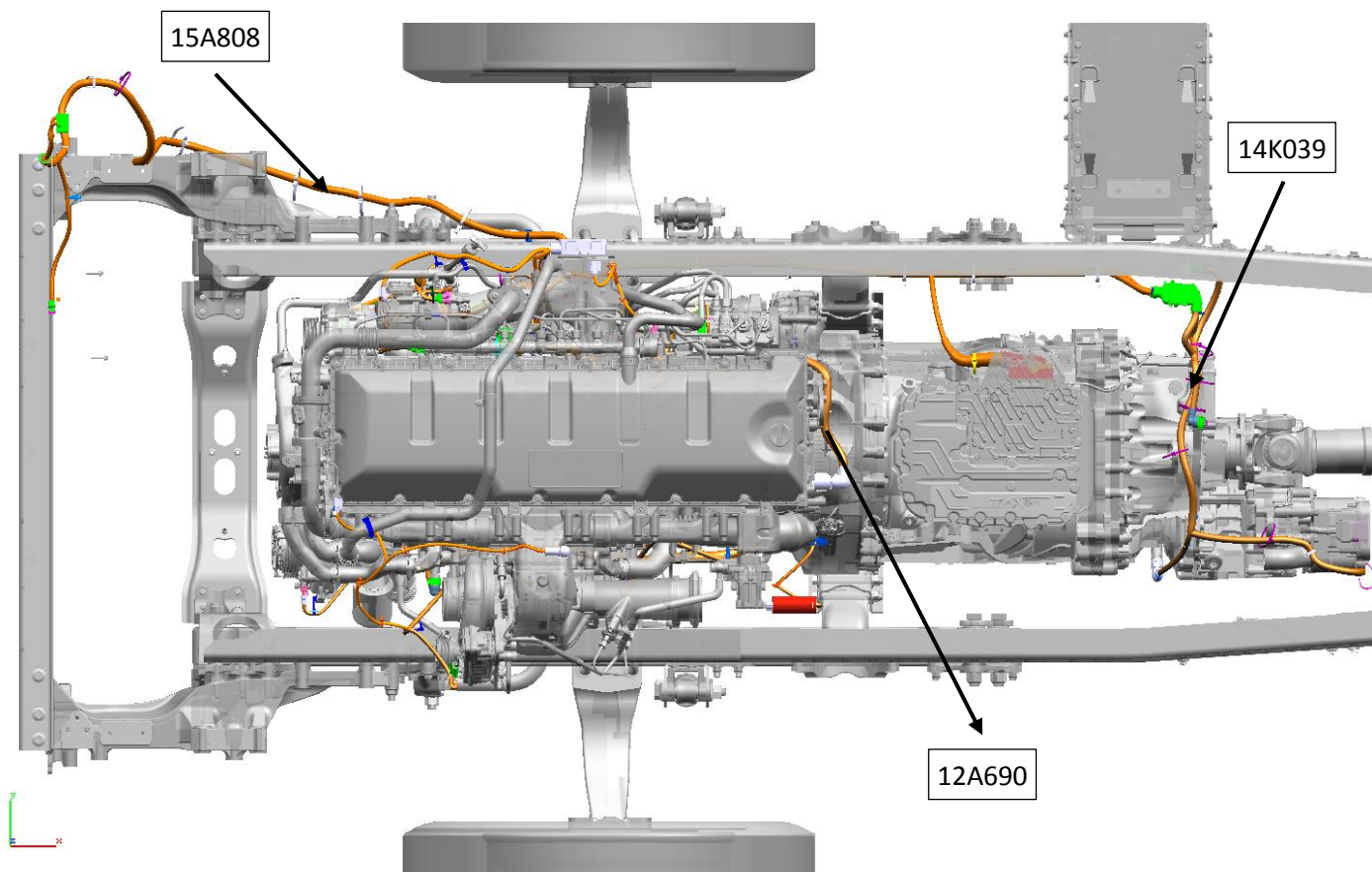
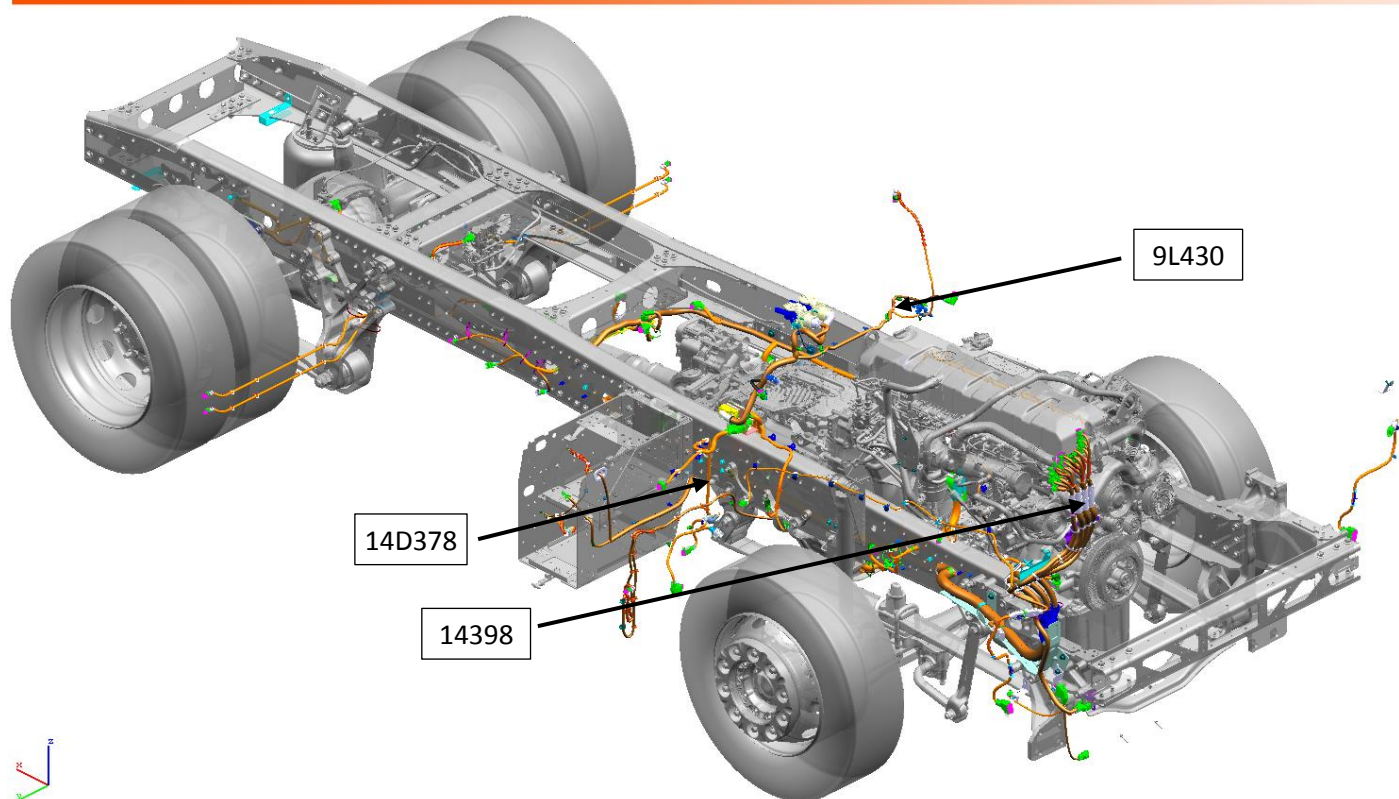
VDB = CAN Line



TRUCKS
3.3. Electric wiring on vehicle:

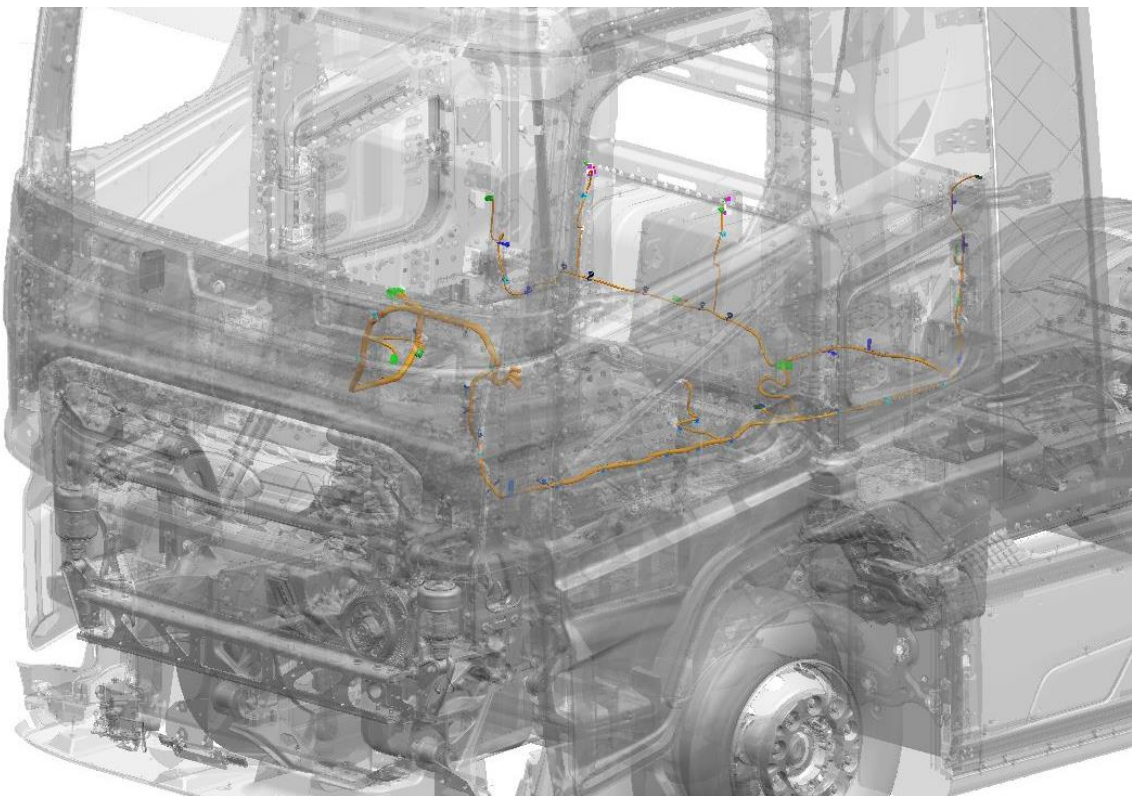
There are 21 main wirings on vehicle. You may find detailed information the wirings, connectors on the wirings on the following pages.

Item No.	Name of the wiring	Middle No.
1	Driver side cab internal wiring	14A005
2	Cab internal wiring from driver side to passenger side	14B242
3	Driver side cab internal rear wiring	14014
4	Passenger side cab internal wiring	13B712
5	Driver side roof wiring	15B594
6	Roof wiring	15A404
7	TPMS, Radar, OAT and Horn Wiring	13B767
8	Bumper wiring	13N052
9	Cab lift, wet type webasto wiring	13B711
10	cab internal console wiring	14401
11	Console wiring attachment-1	14A320
12	Console wiring attachment-2	19C603
13	Door internal wiring - Left	14A584
14	Door internal wiring - Right	14K138
15	BCU wiring (Main wiring)	14398
16	Rear Wiring	14405
17	Sensor on engine wiring	12A690
18	Injector wiring	9H589
19	Exhaust-SCR wiring	9L430-14D378
20	On-transmission wiring	14K039
21	Transmission-cab wiring	15A808



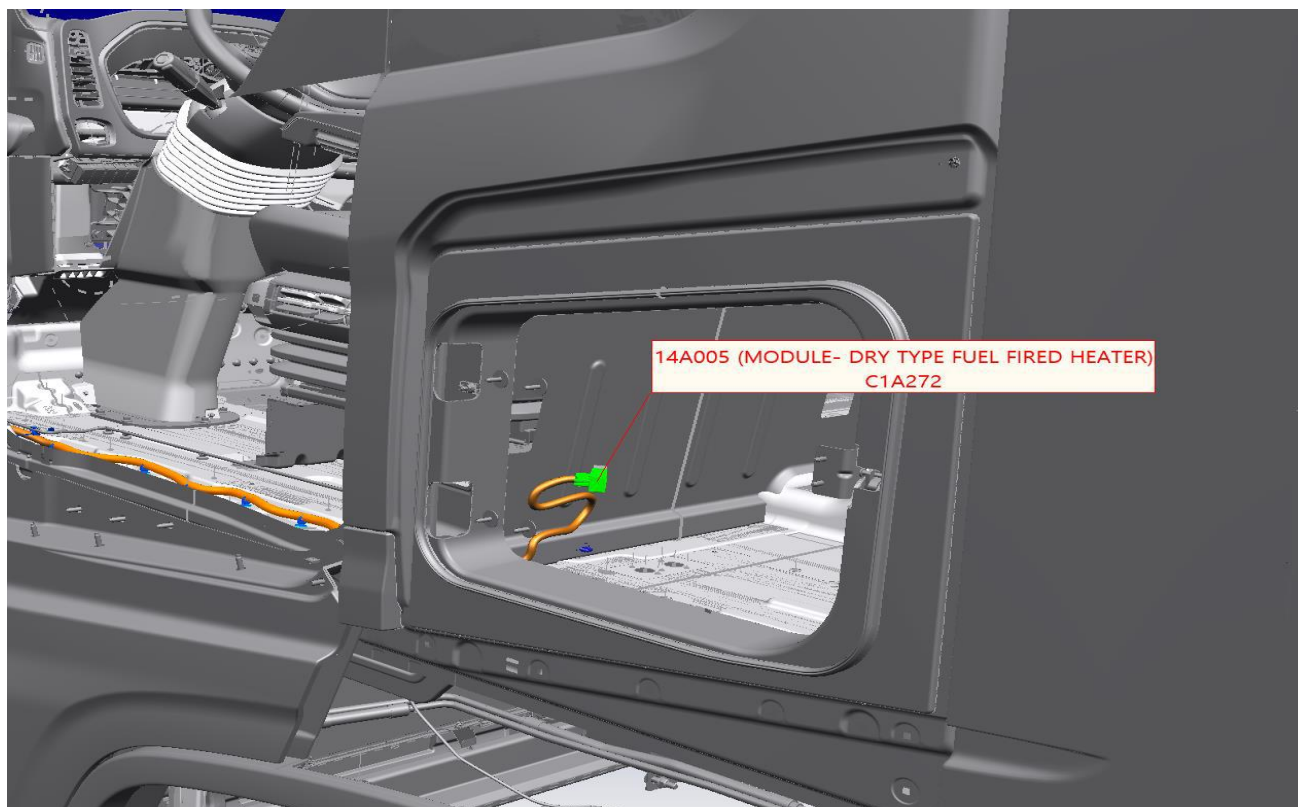
TRUCKS

14A005 → Driver side cab internal wiring 3D View:

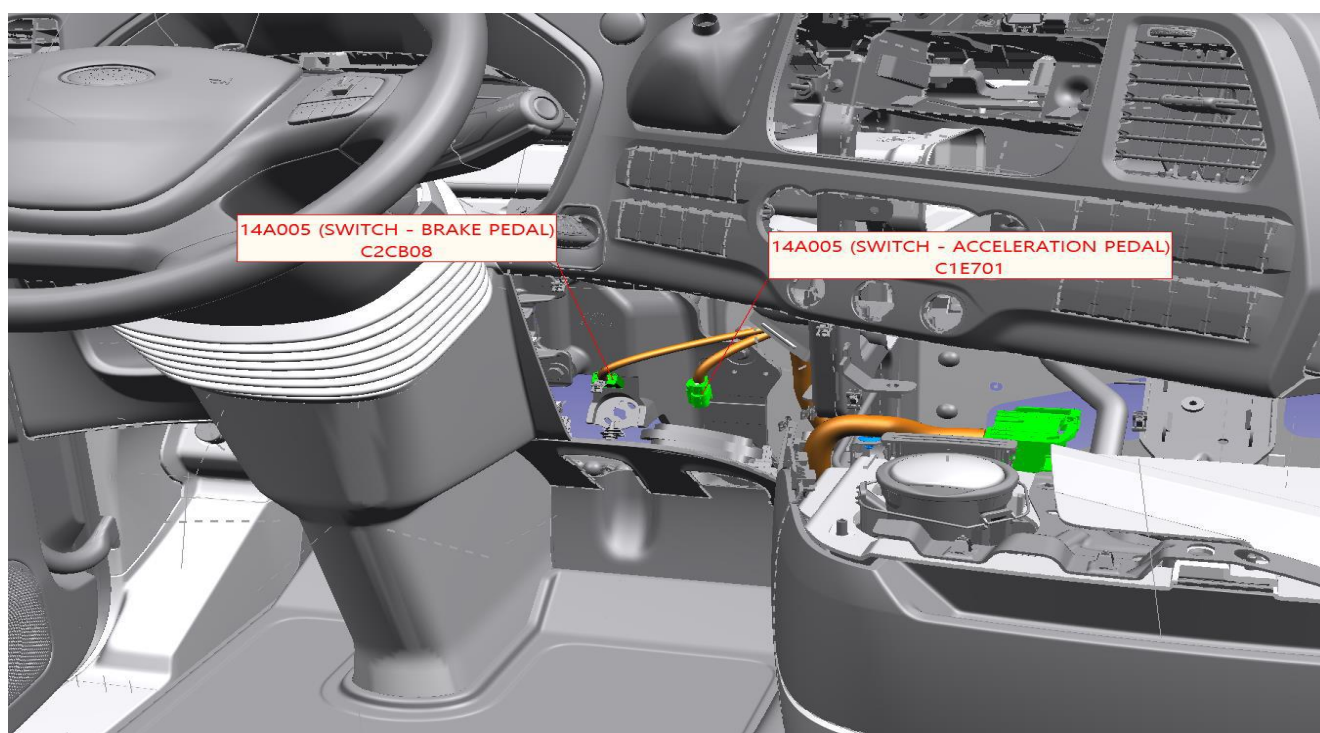


TRUCKS

14A005 Wiring : C1A272 Connector

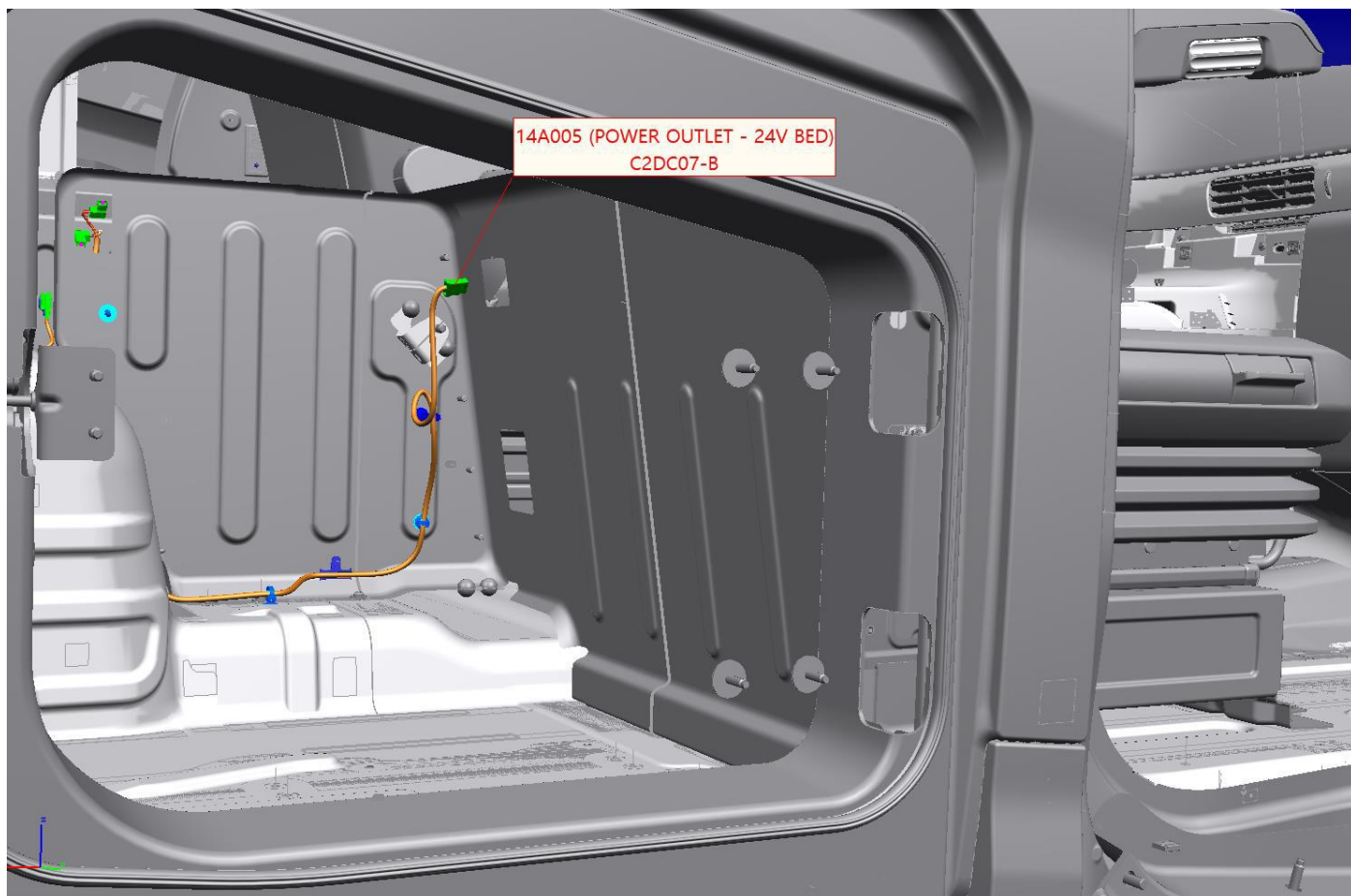


C1E701 / C2CB08 Connectors:

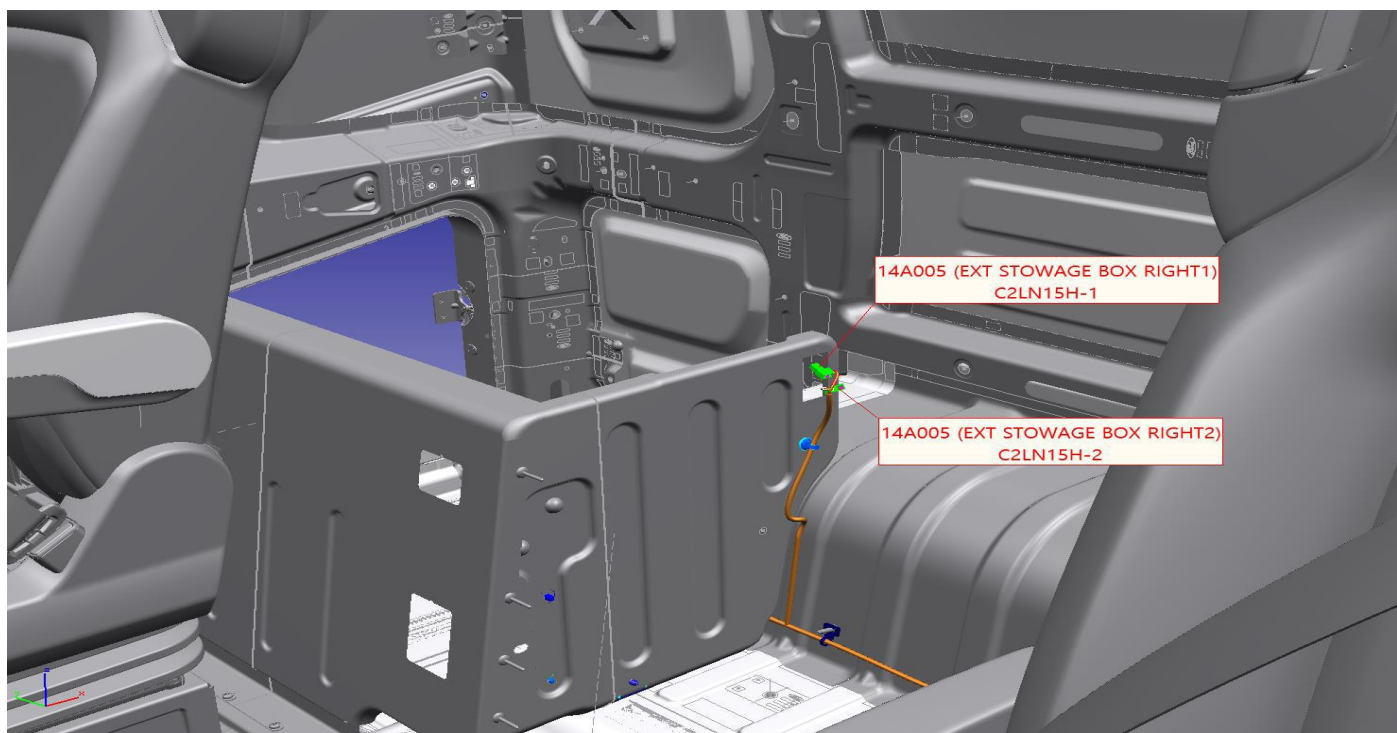


TRUCKS

C2DC07-B Connector :

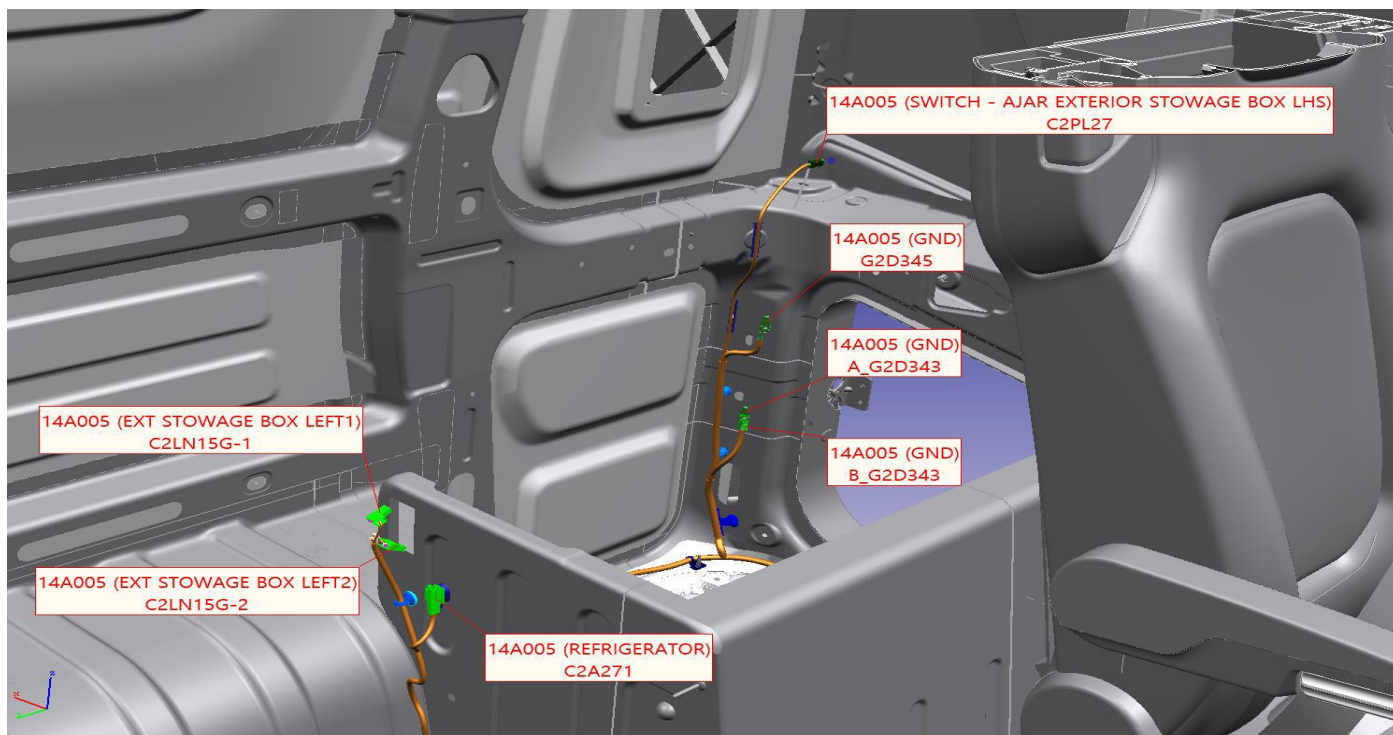


C2LN15H-1 / C2LN15H-2 Connector :

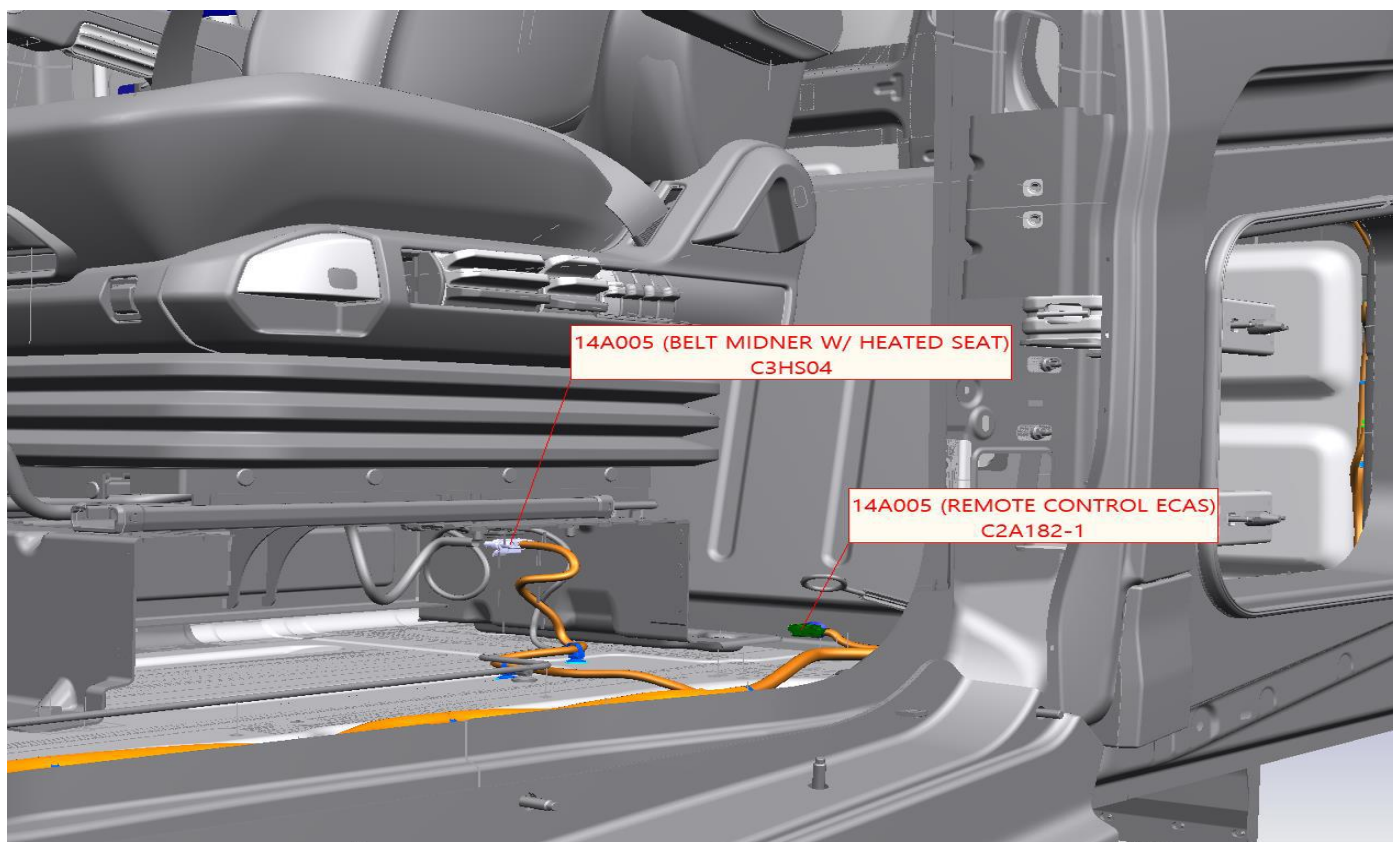


TRUCKS

C2PL27 / G2D345_A / G2D343_B / G2D343 / C2A271 / C2LN15G-1 / C2LN15G-2 Connectors:

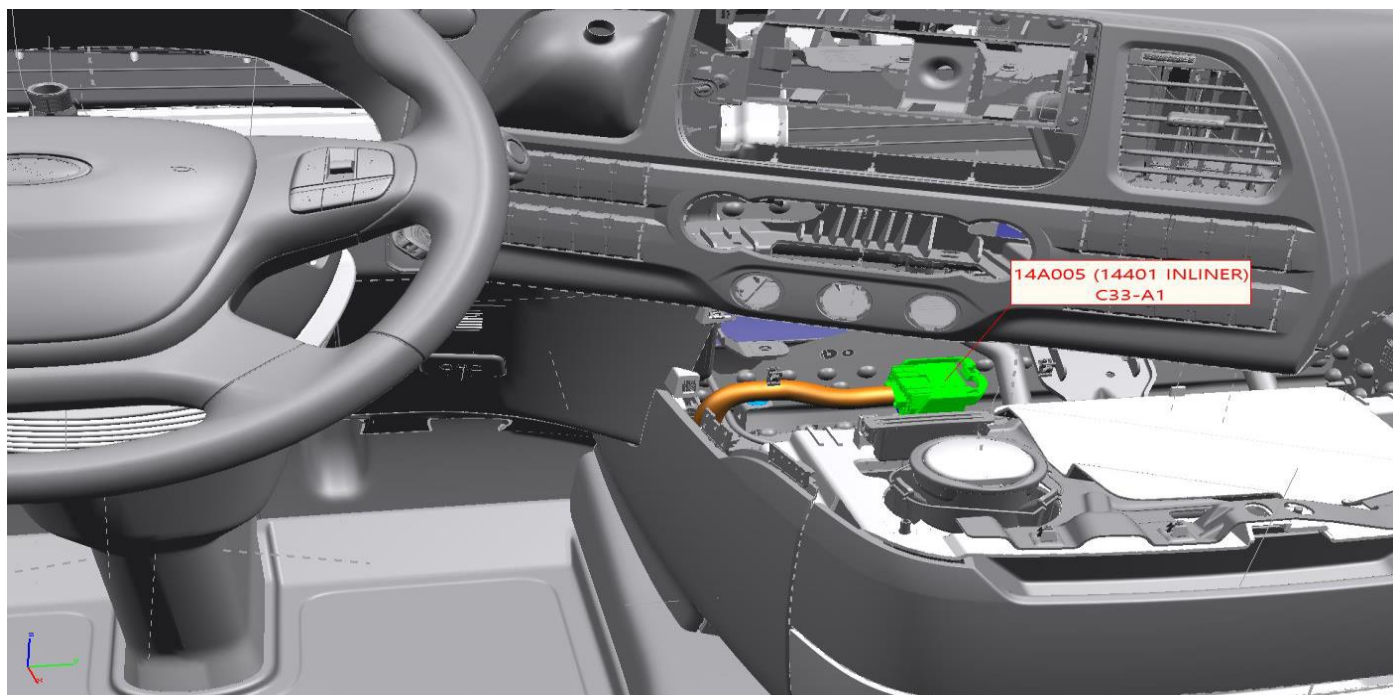


C3HS04 / C2A182-1 Connectors:

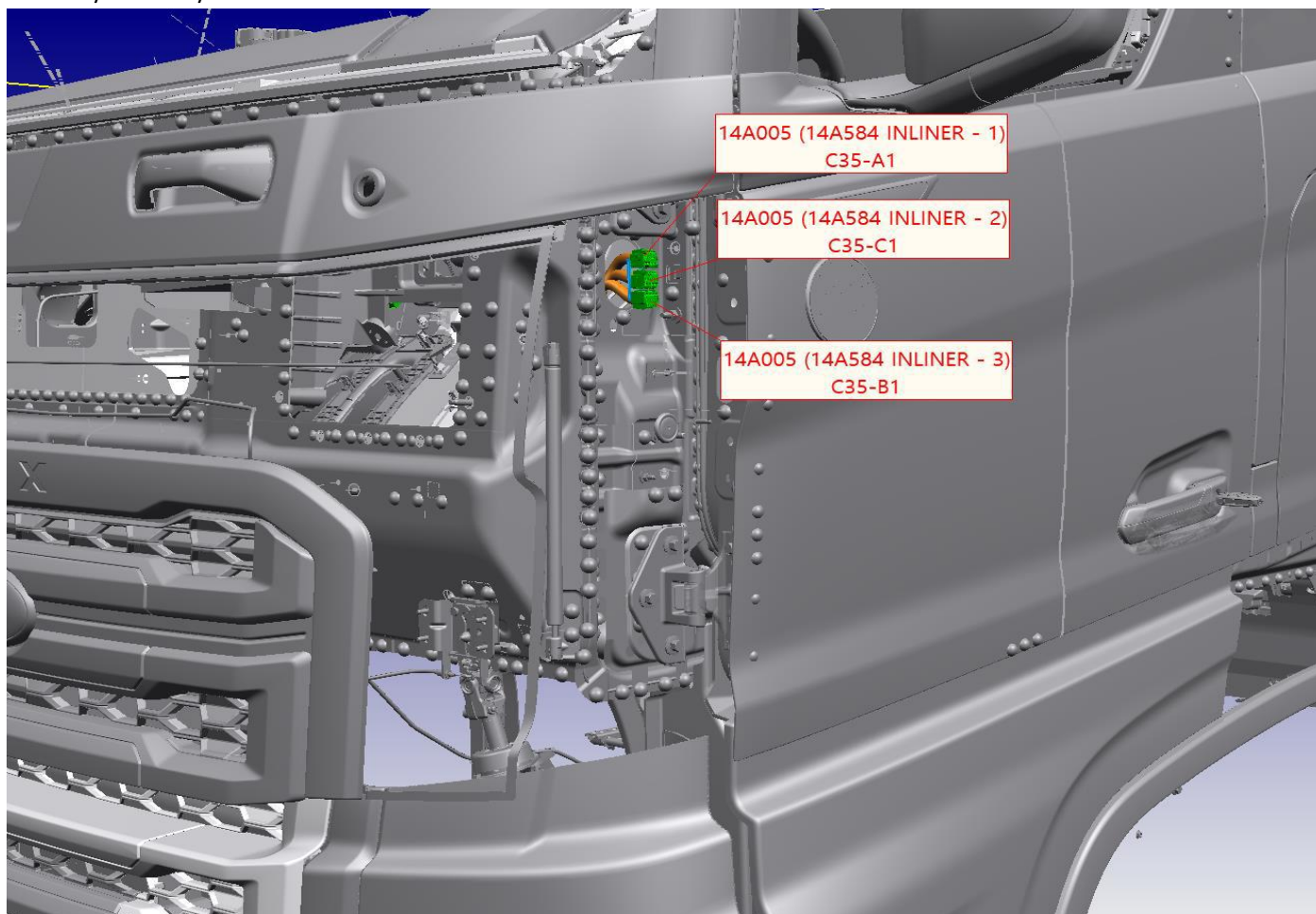


TRUCKS

C33-A1 Connector:

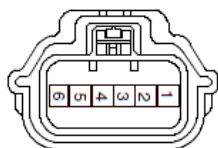


C35-A1 / C35-B1 / C35-C1 Connectors:



TRUCKS

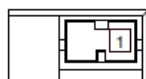
14A005 → Driver side cab internal wiring connector descriptions:



Connector Code	C1E701	
Connector Description	ACCELERATOR PEDAL	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLUE/WHITE
2	0.35	GREEN/ORANGE
3	0.35	PURPLE/GREEN
4	0.35	YELLOW/ORANGE
5	0.35	YELLOW/BLUE
6	0.35	GREEN/WHITE

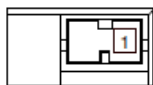


Connector Code	C2CB08	
Connector Description	BRAKE PEDAL	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	PURPLE/WHITE
2	0.35	BROWN/GREEN
3	0.35	BROWN/WHITE
4	0.35	GREEN/PURPLE

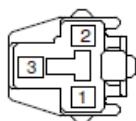


Connector Code	C2LN15H-1	
Connector Description	EXTERIOR STOWAGE LAMP	
Pin Layout	Wire Thickness	Wiring Colour
1	0.5	RED

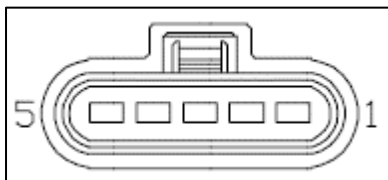
TRUCKS



Connector Code	C2LN15H-2	
Connector Description	EXTERIOR STOWAGE LAMP	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK/YELLOW

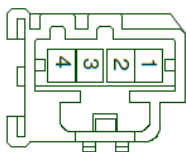


Connector Code	C2DC07-B	
Connector Description		
Pin Layout	Wire Thickness	Wiring Colour
1	2.5	BROWN
3	2.5	BLACK/BLUE

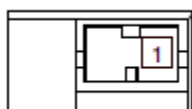


Connector Code	C3HS04	
Connector Description	BELTMINDER&HEATED SEAT	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	WHITE
2	0.75	BLACK/PURPLE
3	0.75	BLACK/PURPLE
4	0.35	BLUE/ORANGE

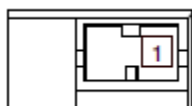
TRUCKS



Connector Code	C2A182-1	
Connector Description	ECAS RCU	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BROWN/RED
2	0.75	YELLOW/GREY
3	0.75	WHITE/BROWN
4	0.35	BLACK/PURPLE

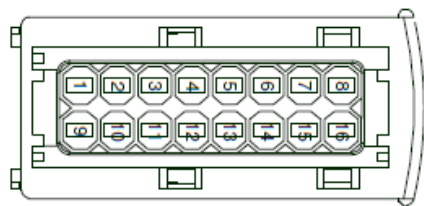


Connector Code	C2LN15G-1	
Connector Description	EXTERIOR STOWAGE LAMP	
Pin Layout	Wire Thickness	Wiring Colour
1	0.5	RED

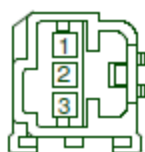


Connector Code	C2LN15G-2	
Connector Description	EXTERIOR STOWAGE LAMP	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK/PURPLE

TRUCKS

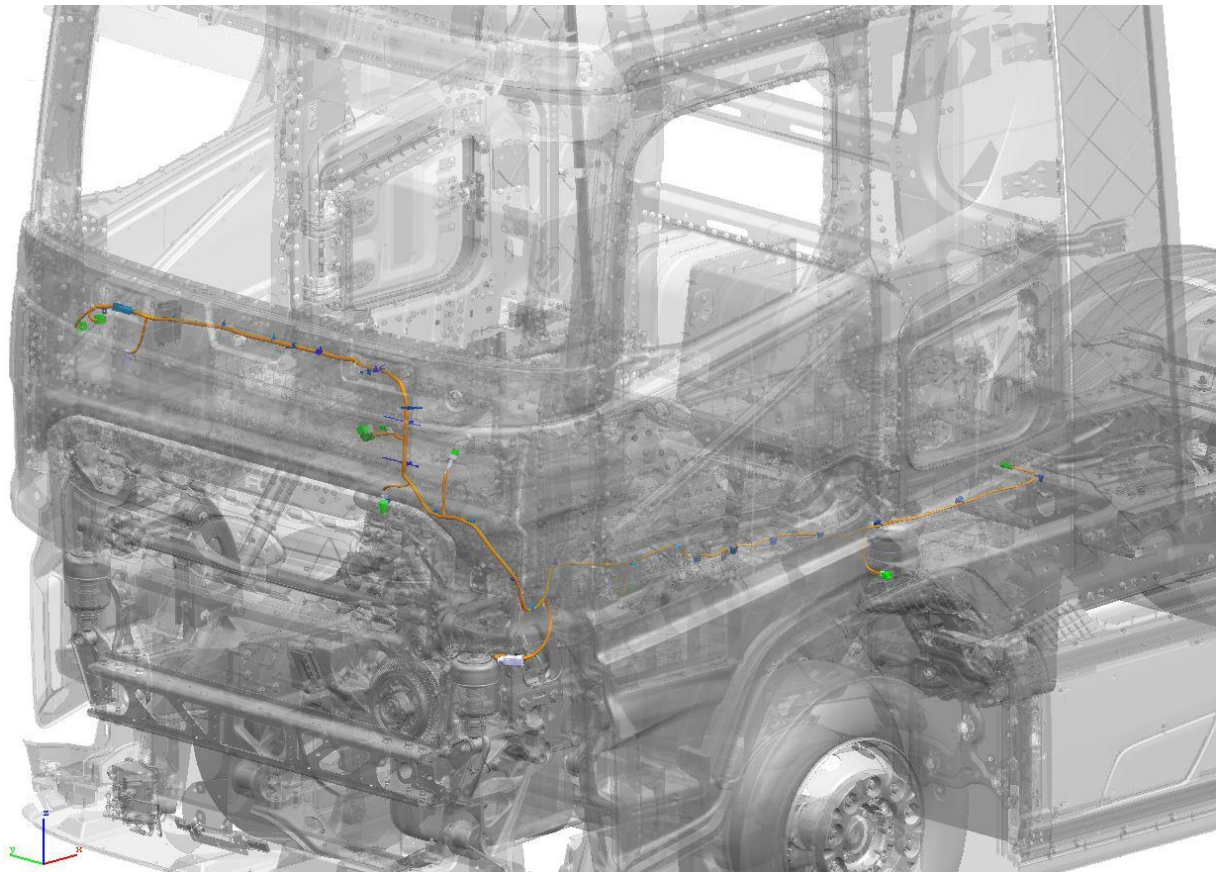
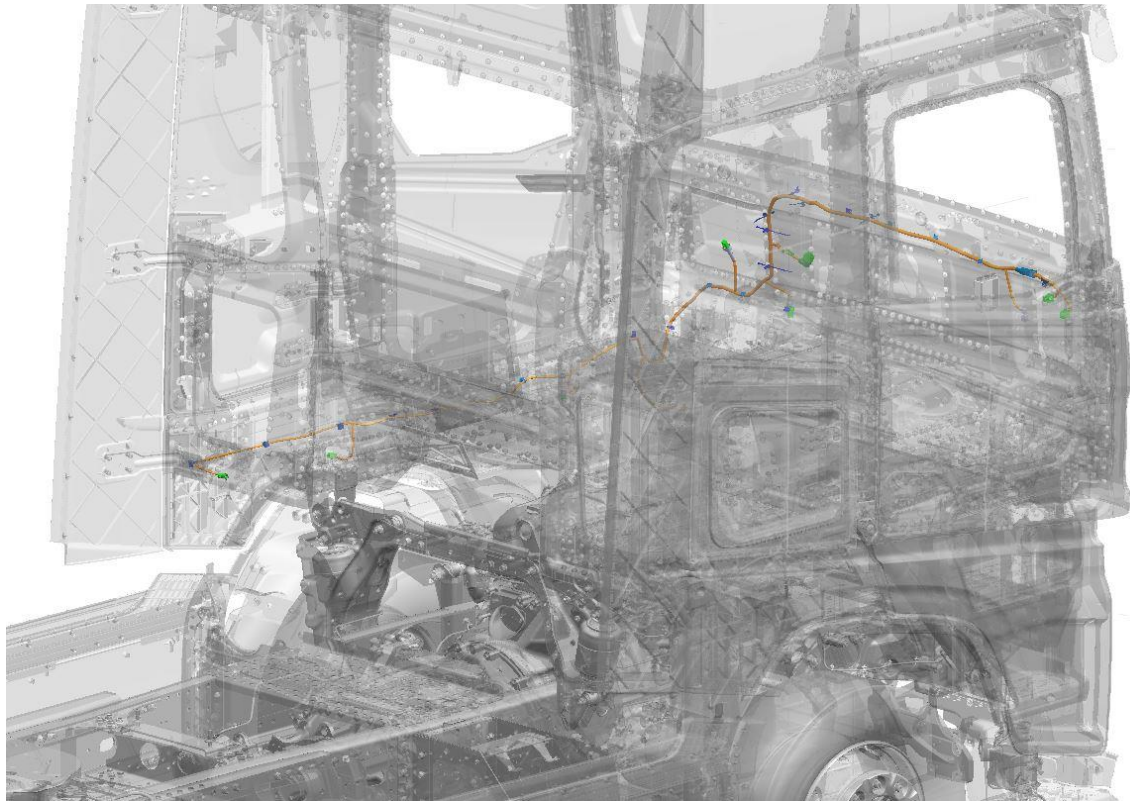


Connector Code	C1A272	
Connector Description	DRY TYPE HEATER MODULE	
Pin Layout	Wire Thickness	Wiring Colour
1	2.5	BROWN/RED
5	0.75	BROWN/BLUE
6	0.75	ORANGE/GREY
7	0.75	ORANGE/GREY
8	0.75	BROWN/PURPLE
10	2.5	BROWN/PURPLE
13	0.75	ORANGE/BLUE



Connector Code	C2A271	
Connector Description	REFRIGERTOR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK/BLUE
2	0.75	PURPLE/RED

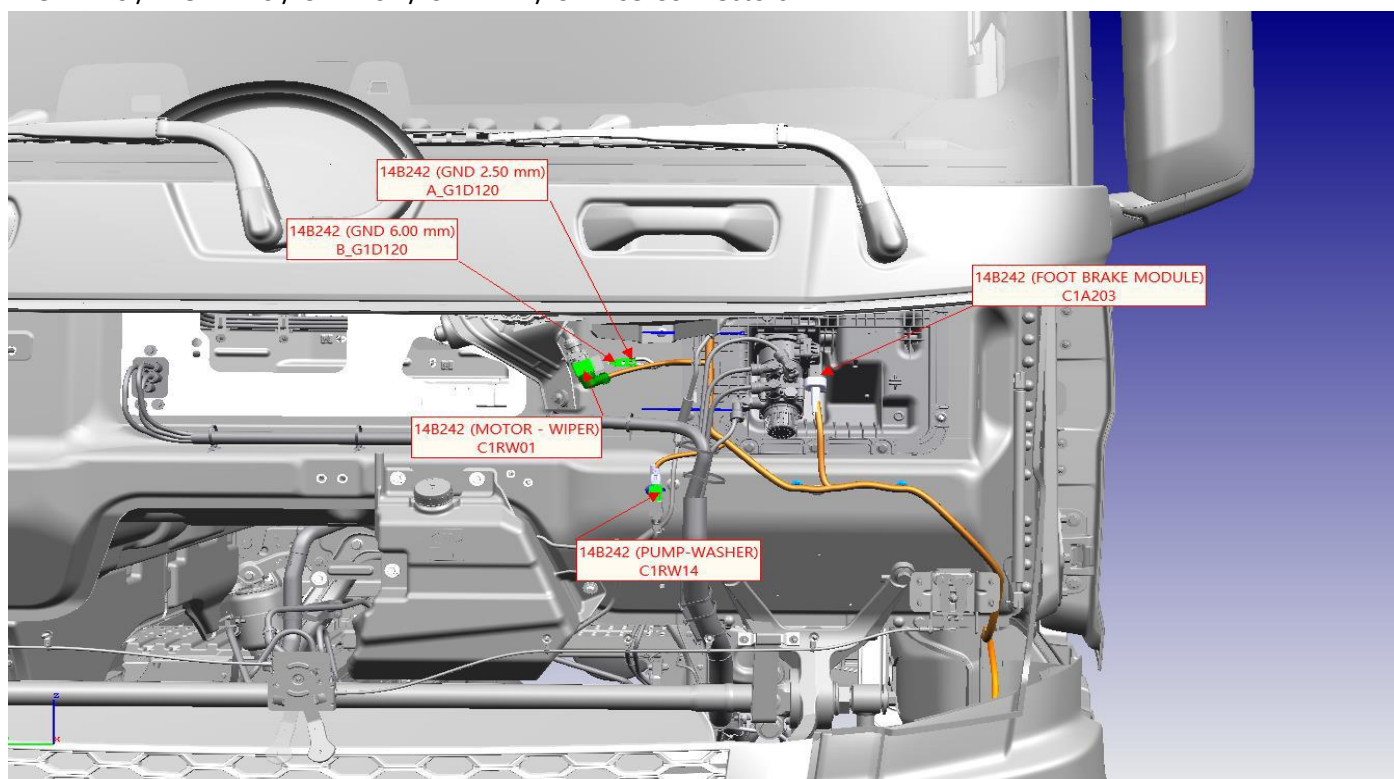
14B242 → Cab internal wiring from driver side to passenger side



TRUCKS

14B242 Wiring :

A-G1D120 / B-G1D120 / C1RW01 / C1RW14 / C1A203 Connectors:

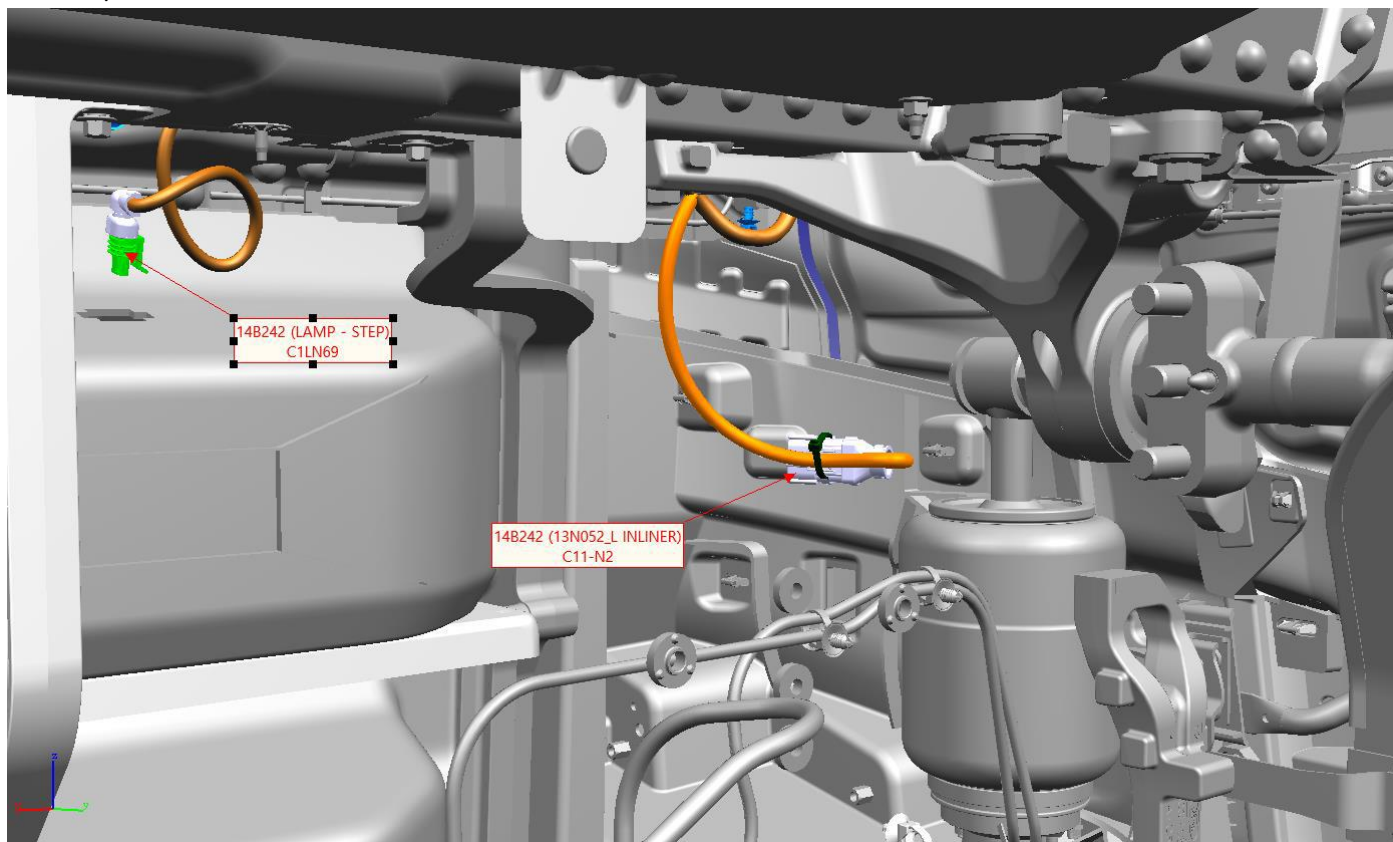


C1A362 / C1LS21 Connectors:

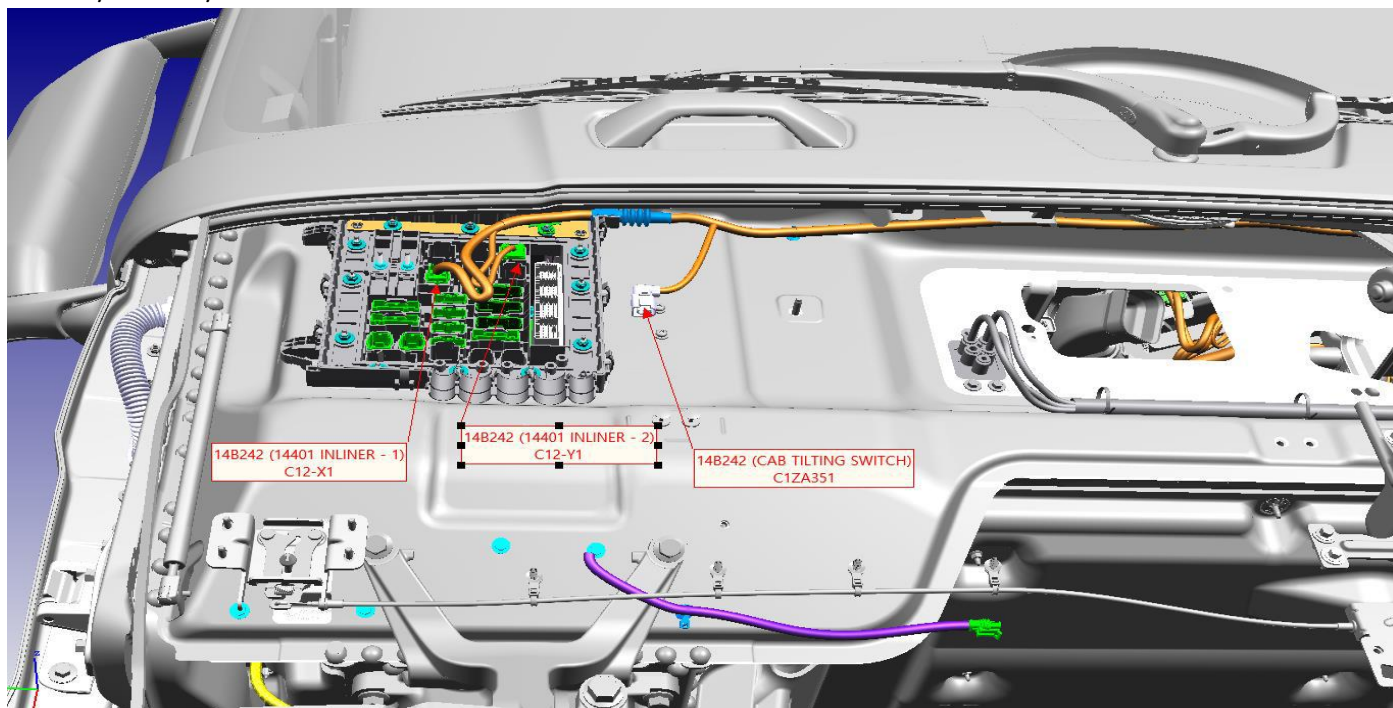


TRUCKS

C11LN69 / C11-N2 Connectors:



C12-X1 / C12-Y1 / C1ZA351 Connectors:

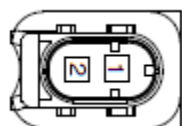


TRUCKS

14B242 ➔ Cab internal wiring from driver side to passenger side connector descriptions:



Connector Code	C1A203	
Connector Description	FOOT BRAKE MODULE	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLUE
2	0.75	GREY/ORANGE
4	0.75	YELLOW/PURPLE
5	0.75	WHITE/GREEN
6	0.75	GREEN/BLUE

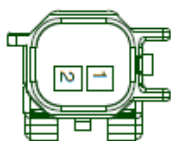


Connector Code	C1RW14	
Connector Description	WASHER PUMP	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY
2	0.75	BLACK/GREEN

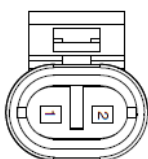


Connector Code	C1RW01	
Connector Description	WIPER MOTOR	
Pin Layout	Wire Thickness	Wiring Colour
1	1.5	BLACK/GREEN
2	1.5	GREEN/PURPLE
3	0.75	BLUE/GREY
4	1.5	GREEN/BLUE

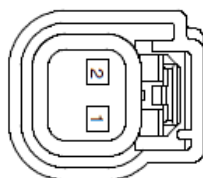
TRUCKS



Connector Code	C1A362	
Connector Description	WORK LAMP	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	ORANGE/BLACK
2	0.75	BLACK/GREEN



Connector Code	C1LN69	
Connector Description	STEP LAMP	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK/GREEN
2	0.75	GREEN/BROWN



Connector Code	C1LS21	
Connector Description	TURN INDICATOR LAMP	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK/GREEN
2	0.75	GREEN/BLUE

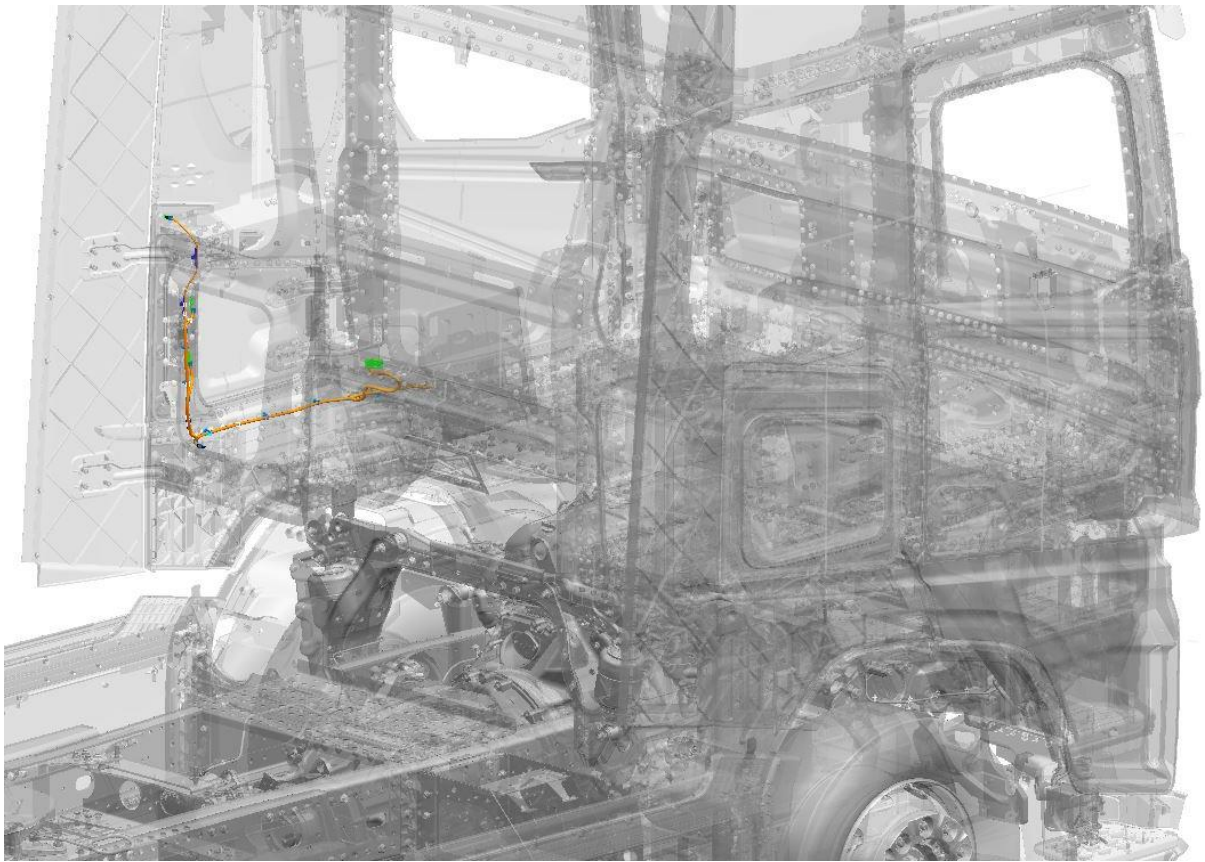
TRUCKS



Connector Code	C1ZA351	
Connector Description	CABIN TILTING SWITCH	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK/GREEN
2	0.75	ORANGE/GREY

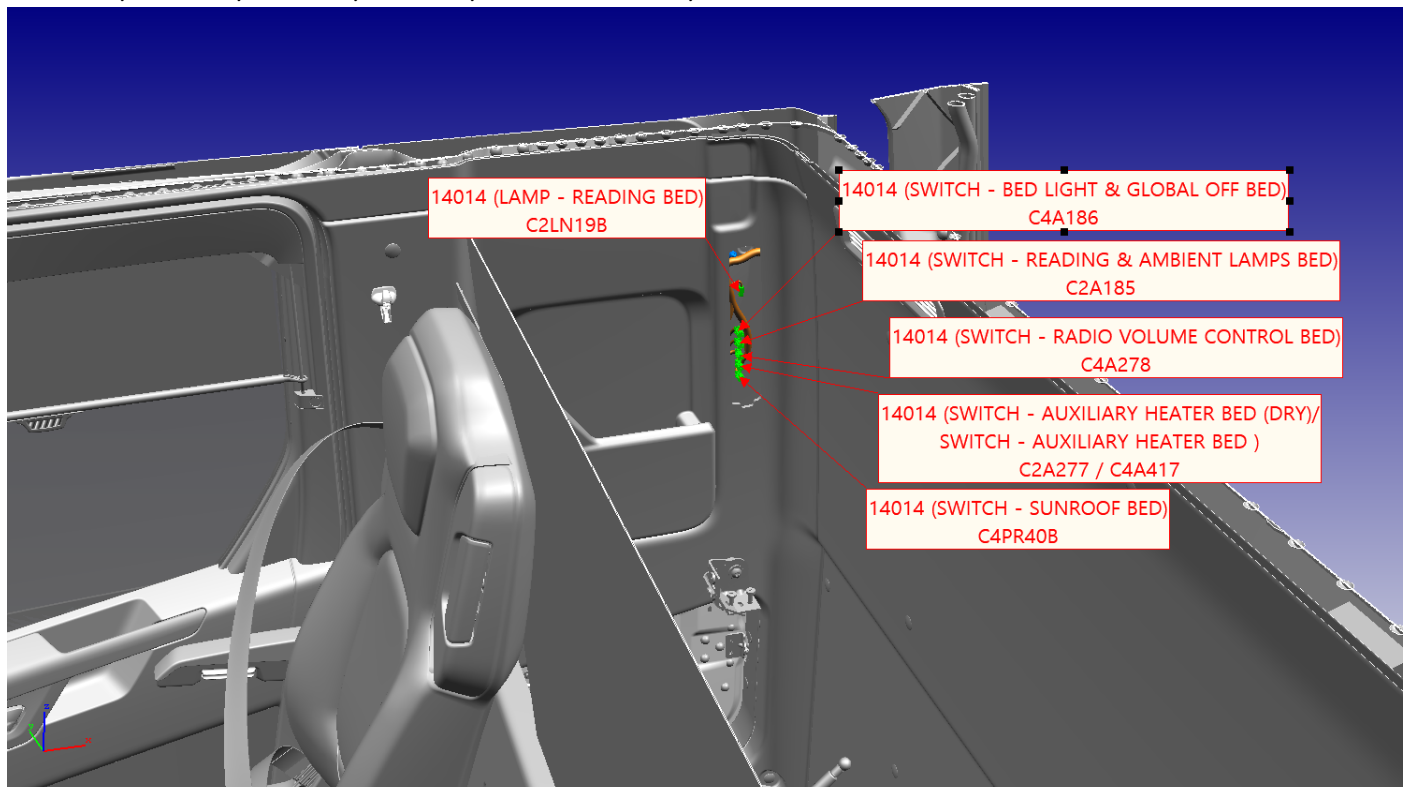
14014 → Driver side cab internal rear wiring





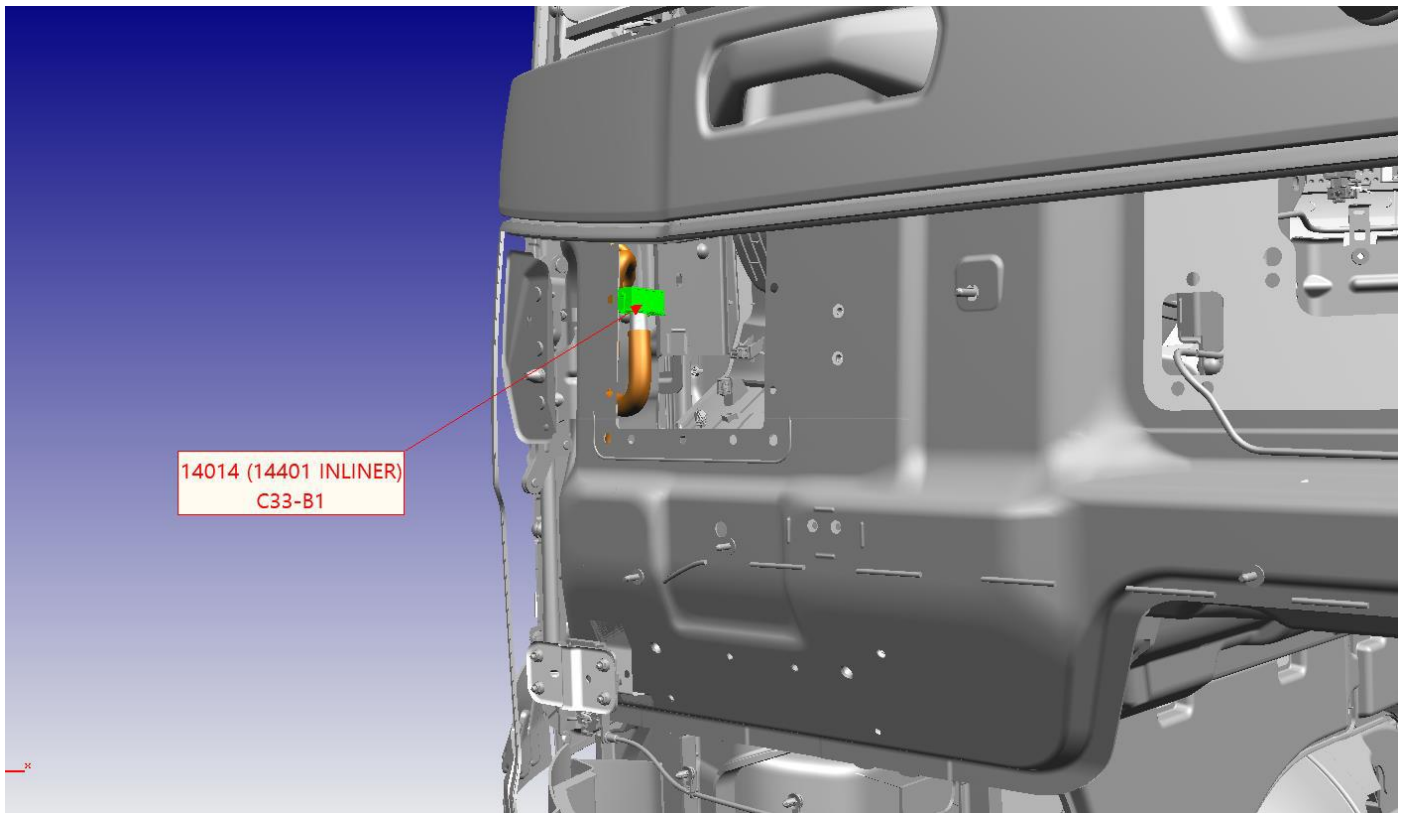
14014 Wiring :

C2LN19B / C4A186 / C2A185 / C4A278 / C2A277-C4A417 / C4PR40B Connectors:

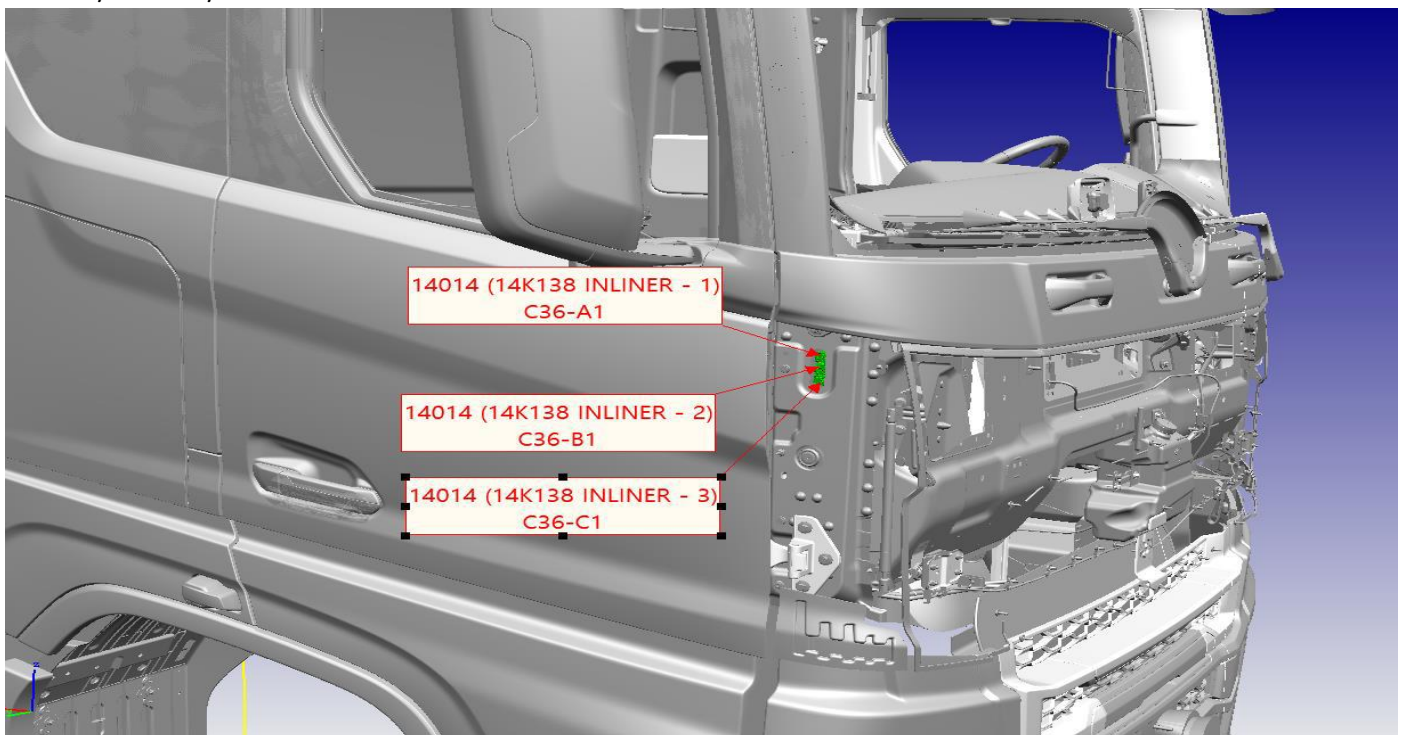


TRUCKS

C33-B1 Connector:

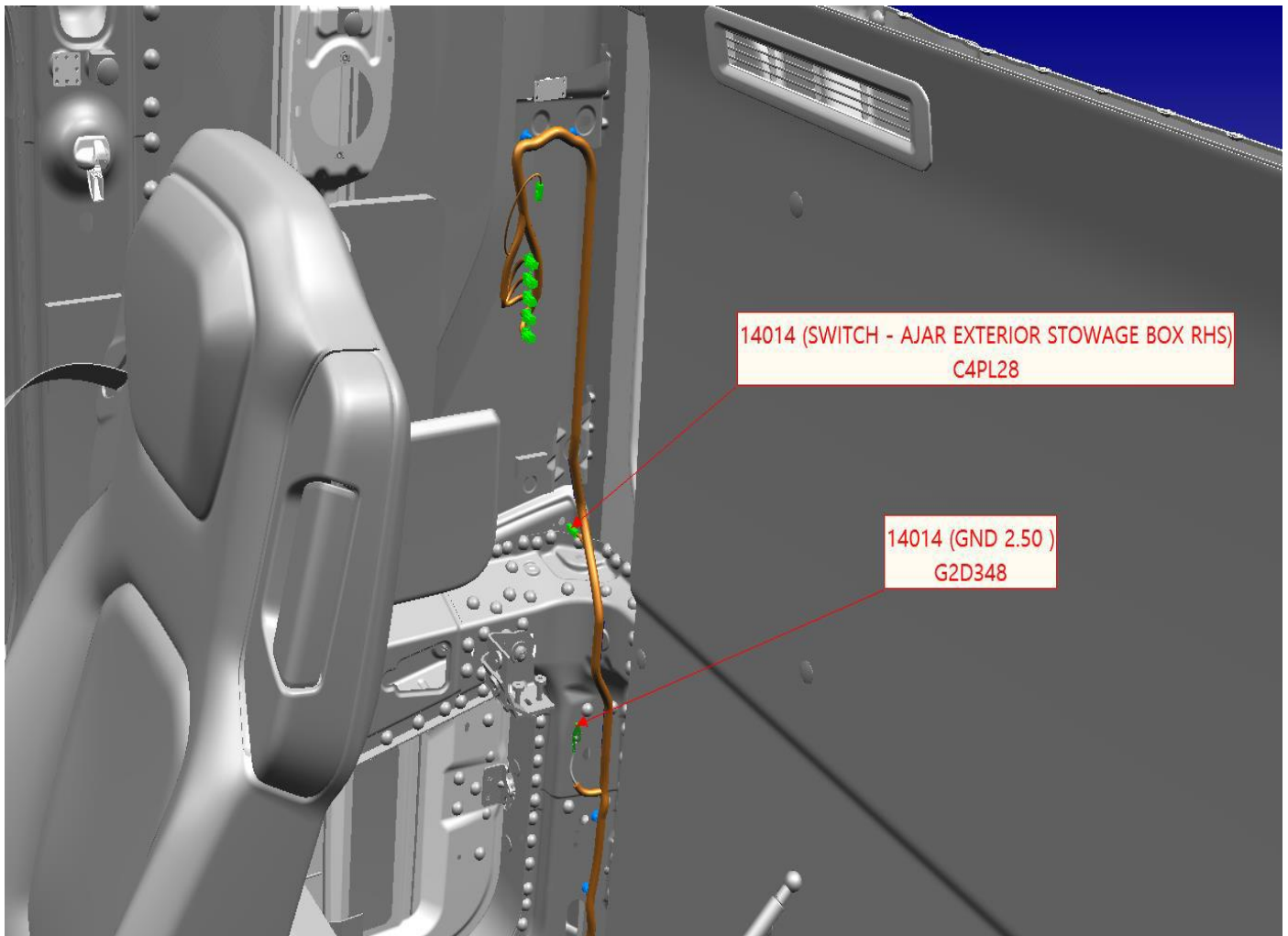


C36-A1 / C36-B1 / C36-C1 Connectors:



TRUCKS

G2D348 / C4PL28 Connectors:

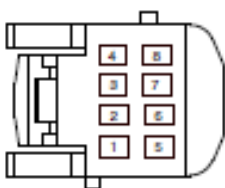


TRUCKS

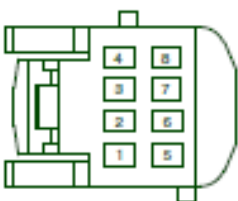
14014 → Driver side cab internal wiring connector descriptions:



Connector Code	C4PL28	
Connector Description	TO EXTERIOR STOWAGE AJAR SW	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK/YELLOW

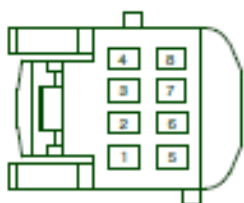


Connector Code	C4PR40B	
Connector Description		
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	GREY/RED
2	0.35	PURPLE/BROWN
3	0.35	BLACK/YELLOW
4	0.35	BLUE/BROWN
5	0.35	GREY/RED
6	0.35	YELLOW/ORANGE

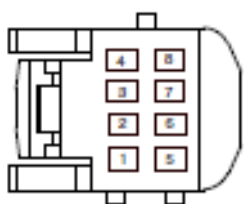


Connector Code	C2A277	
Connector Description	TO AUX HEATER SW	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	ORANGE/YELLOW
2	0.35	ORANGE/WHITE
3	0.35	BLACK/YELLOW
4	0.35	BLUE/BROWN

TRUCKS

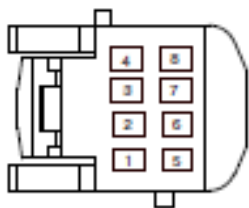


Connector Code	C4A417	
Connector Description	TO AUX HEATER SW	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLACK/YELLOW
2	0.35	ORANGE/BLACK
3	0.35	BLACK/YELLOW
4	0.35	BLUE/BROWN
5	0.35	BLACK/YELLOW
6	0.35	ORANGE/WHITE

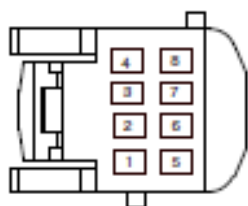


Connector Code	C4A278	
Connector Description	TO VOLUME CONTROL SW	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLACK/YELLOW
2	0.35	BROWN/GREEN
3	0.35	BLACK/YELLOW
4	0.35	BLUE/BROWN
5	0.35	BLACK/YELLOW
6	0.35	YELLOW/GREY

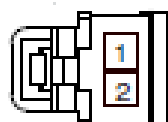
TRUCKS



Connector Code	C2A185	
Connector Description	TO READING&AMBIENT LAMPS SW	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	GREY/RED
2	0.35	ORANGE/BLUE
3	0.35	BLACK/YELLOW
4	0.35	BLUE/BROWN
5	0.35	GREY/RED
6	0.35	BLUE

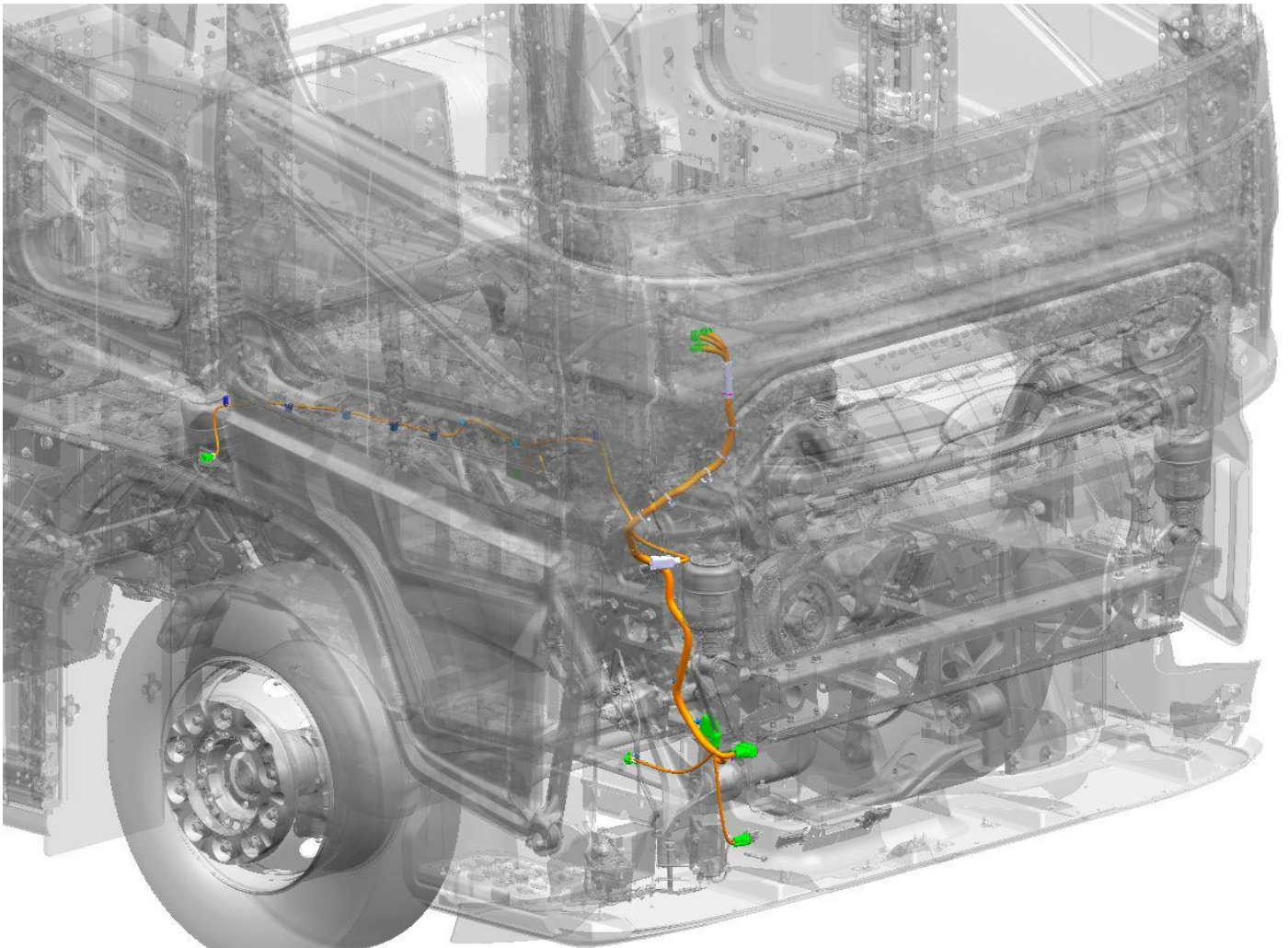


Connector Code	C4A186	
Connector Description	TO BED LIGHT SW	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLACK/YELLOW
2	0.35	GREEN/BLUE
3	0.35	BLACK/YELLOW
4	0.35	BLUE/BROWN
5	0.35	GREY/RED
6	0.35	WHITE/BROWN



Connector Code	C2LN19B	
Connector Description	TO BED COMPARTMENT LAMP	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLUE/WHITE
2	0.75	BLACK/YELLOW

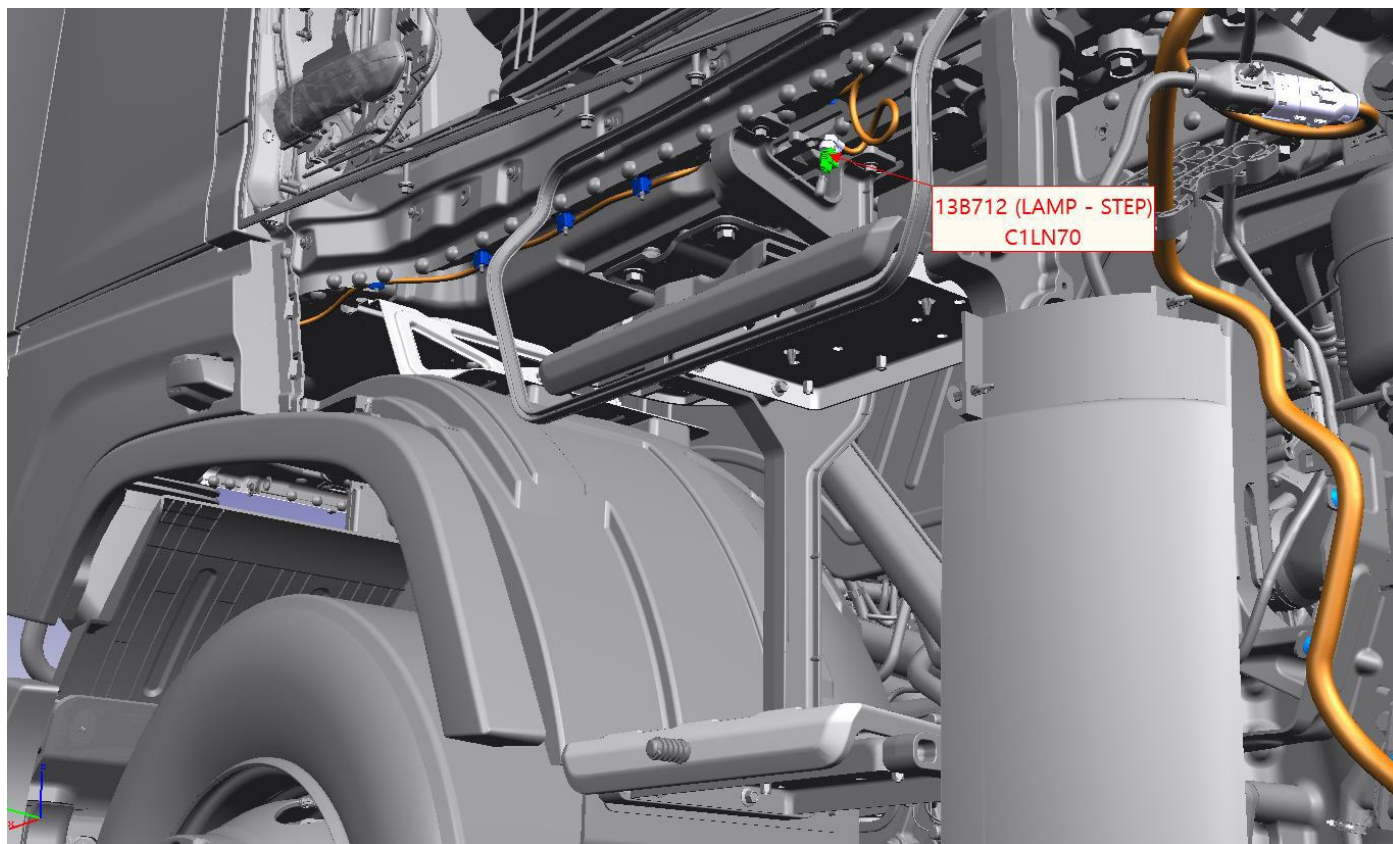
13B712 → Passenger side cab internal wiring



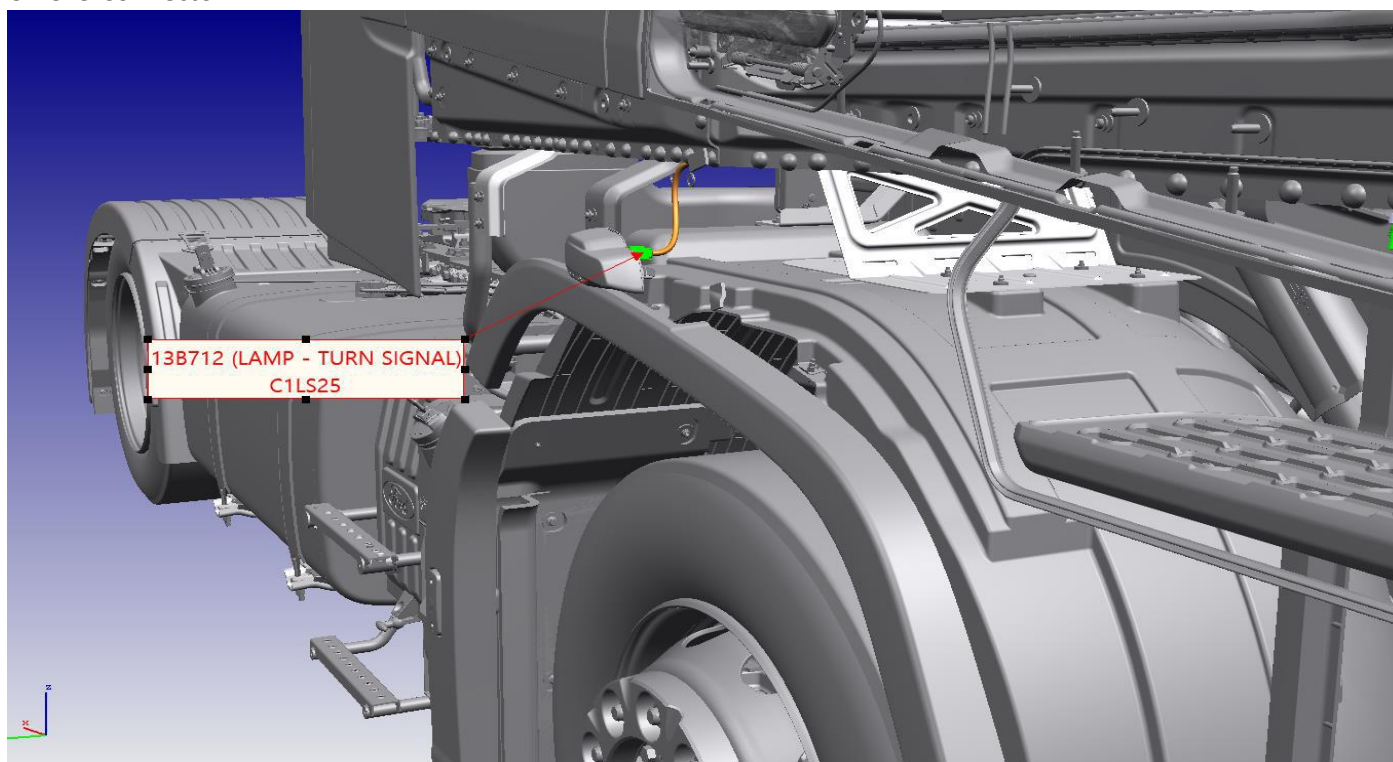
TRUCKS

13B712 Wiring :

C1LN70 Connector :

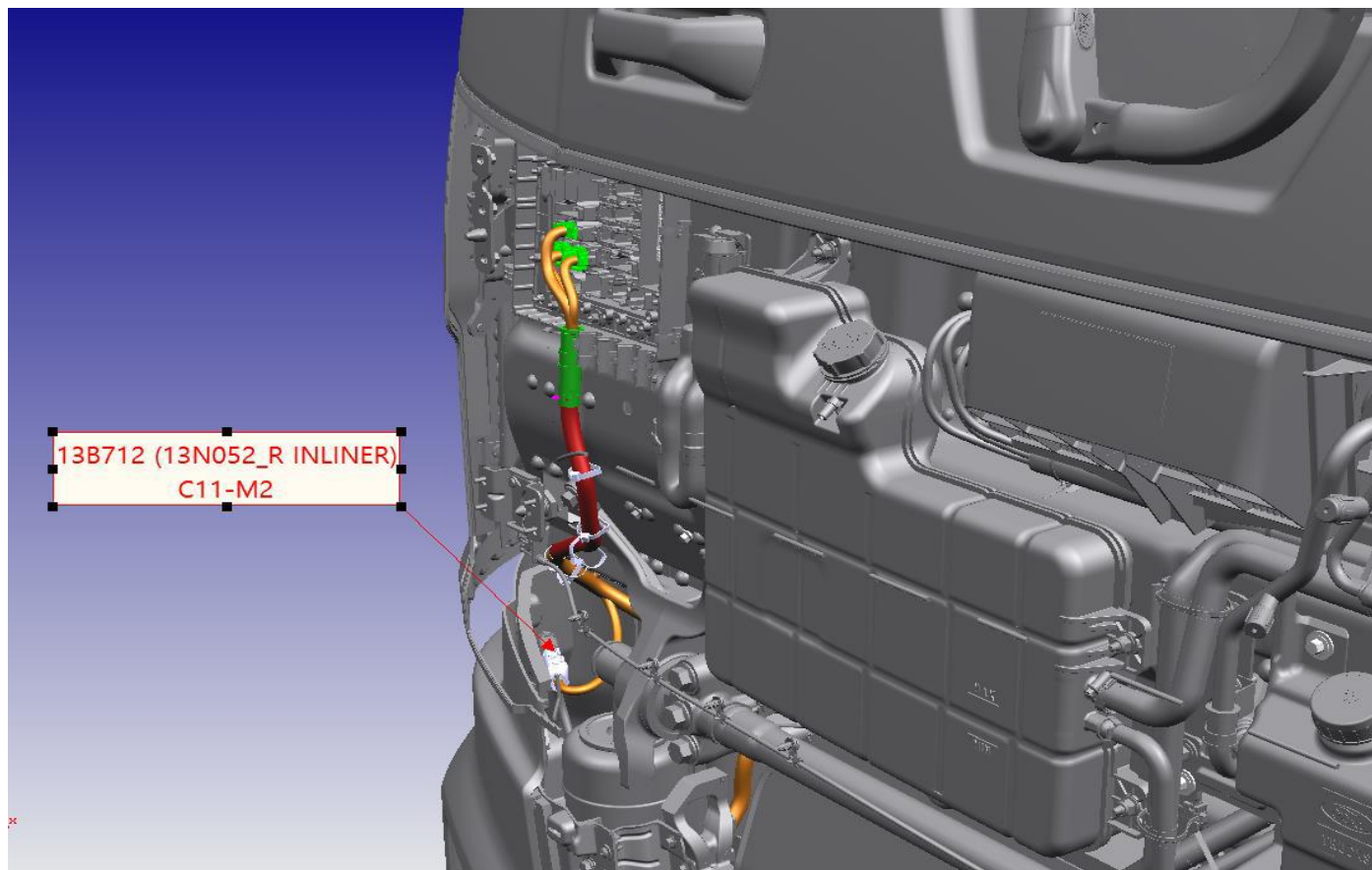


C1LS25 Connector :

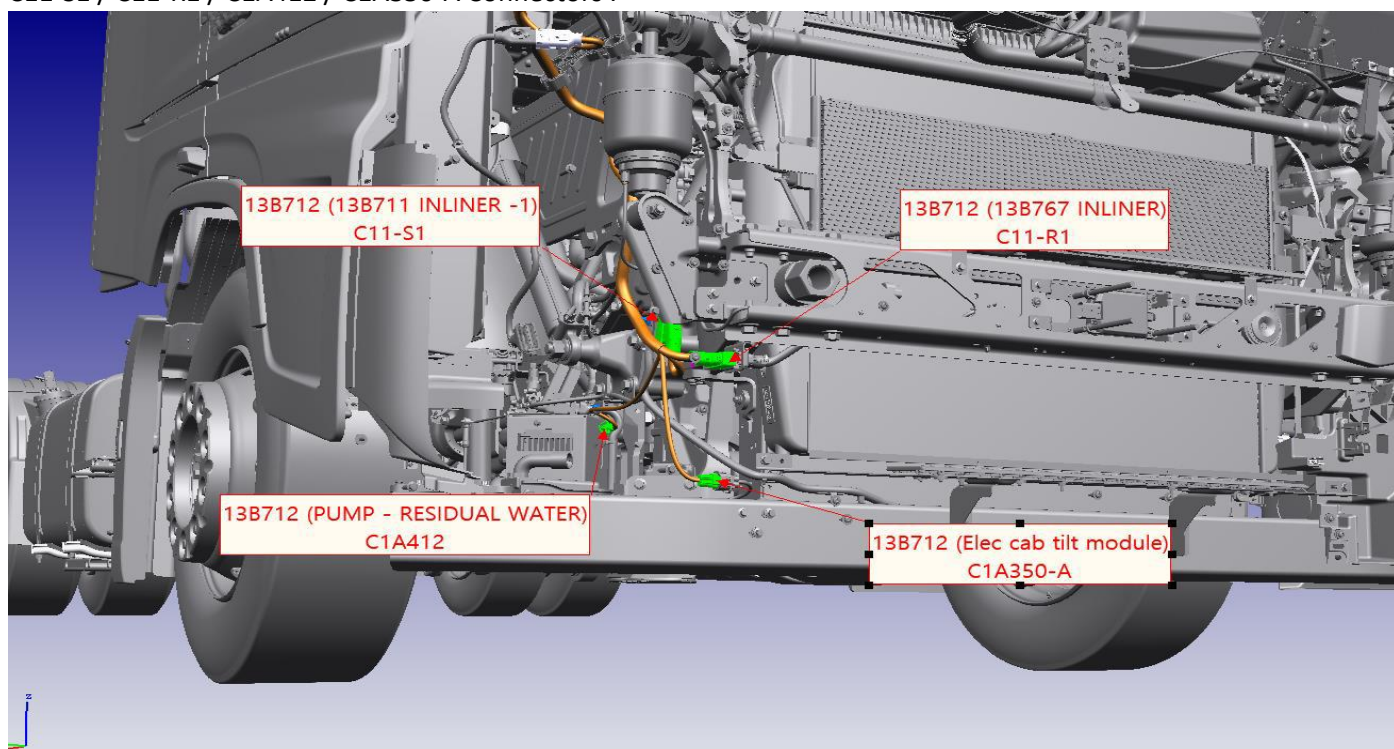


TRUCKS

C11-M2 Connector:

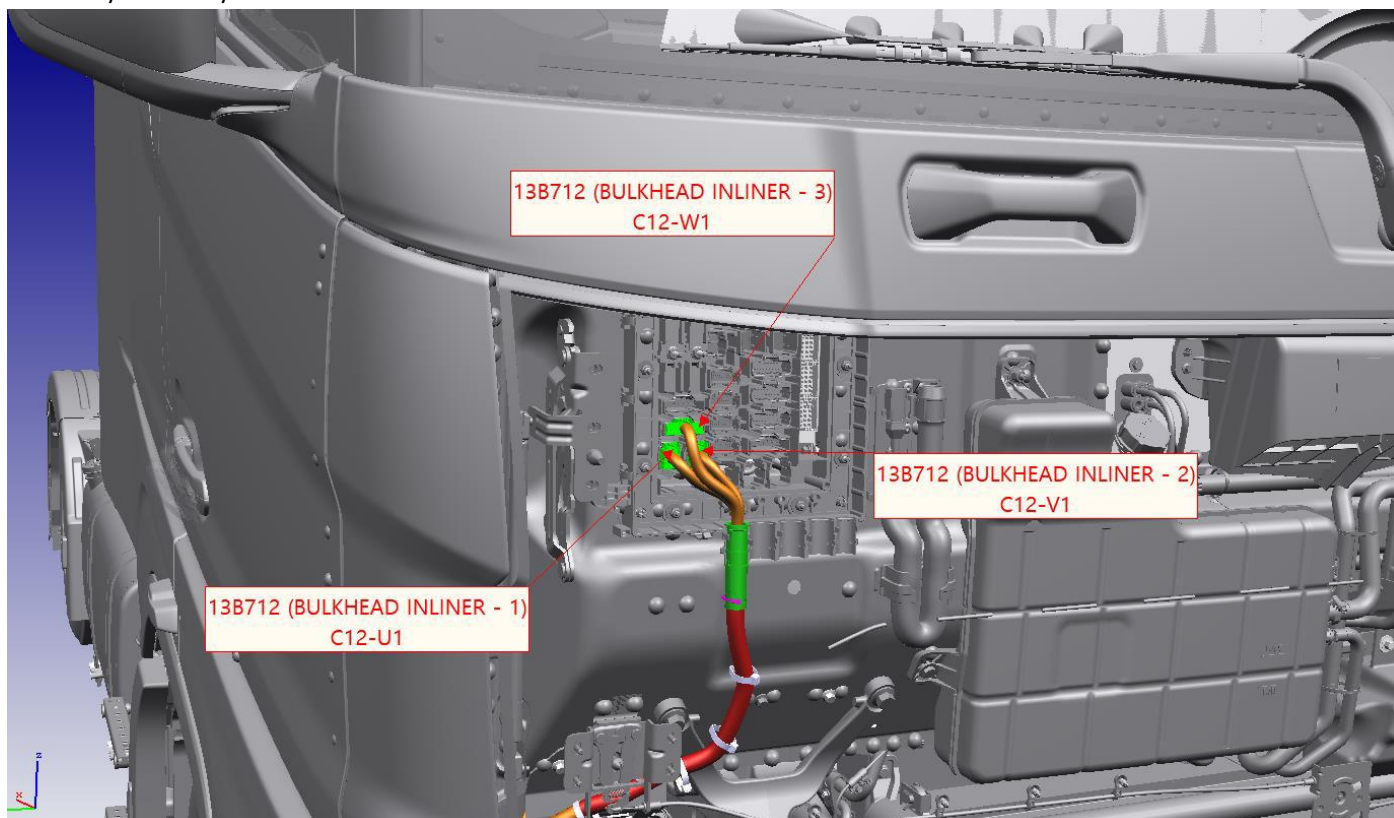


C11-S1 / C11-R1 / C1A412 / C1A350-A Connectors :

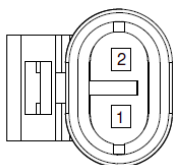


TRUCKS

C12-W1 / C12-U1 / C12-V1 Connectors:



13B712 ➔ Passenger side cab internal wiring connector descriptions:



Connector Code	C1LN70	
Connector Description	STEP LAMP	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK/PURPLE
2	0.75	GREEN/BROWN

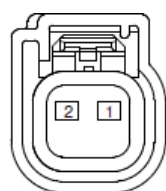


Connector Code	C1A412	
Connector Description	RESIDUAL WATER PUMP	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK/GREY
2	0.75	GREY/BROWN

TRUCKS



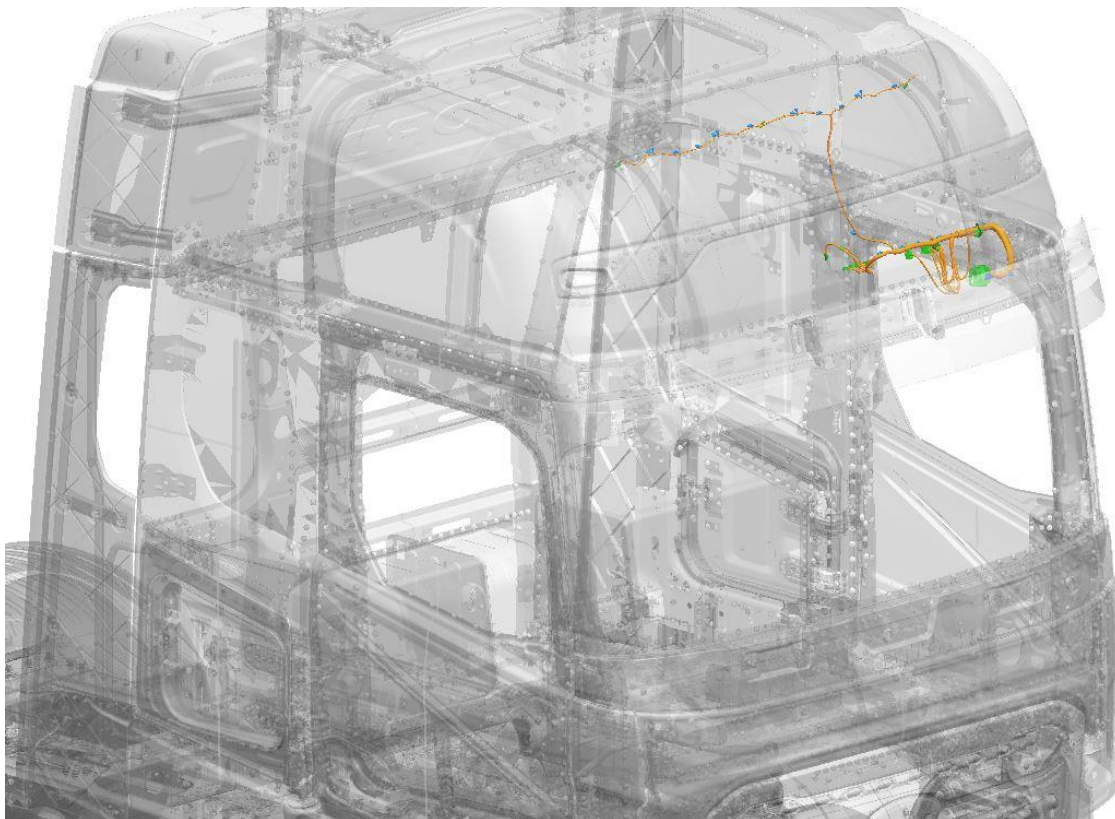
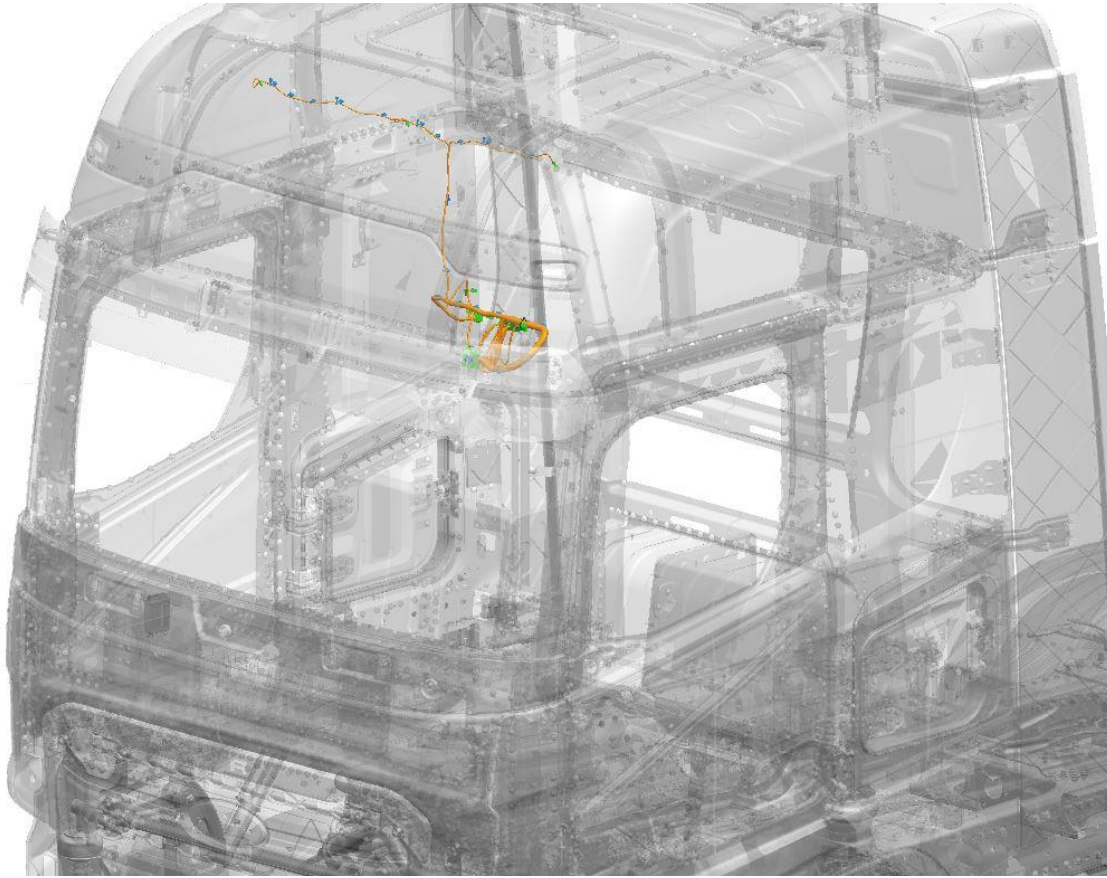
Connector Code	C1A350-A	
Connector Description	ELEC CAB TILT MODULE	
Pin Layout	Wire Thickness	Wiring Colour
1	4	ORANGE/BLUE
2	4	BLACK/BLUE



Connector Code	C1LS25	
Connector Description	TURN SIGNAL LAMP	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK/PURPLE
2	0.75	BROWN/GREEN

TRUCKS

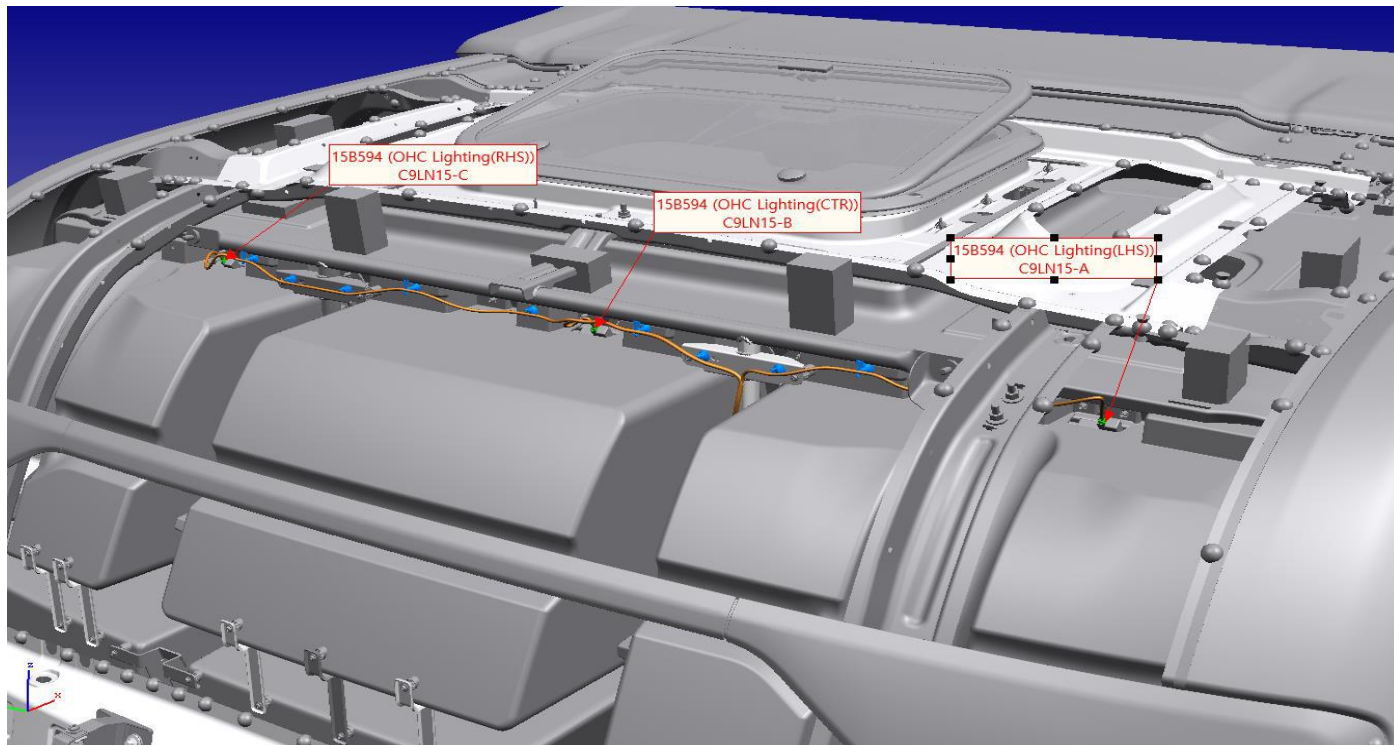
15B594 → Driver side roof wiring



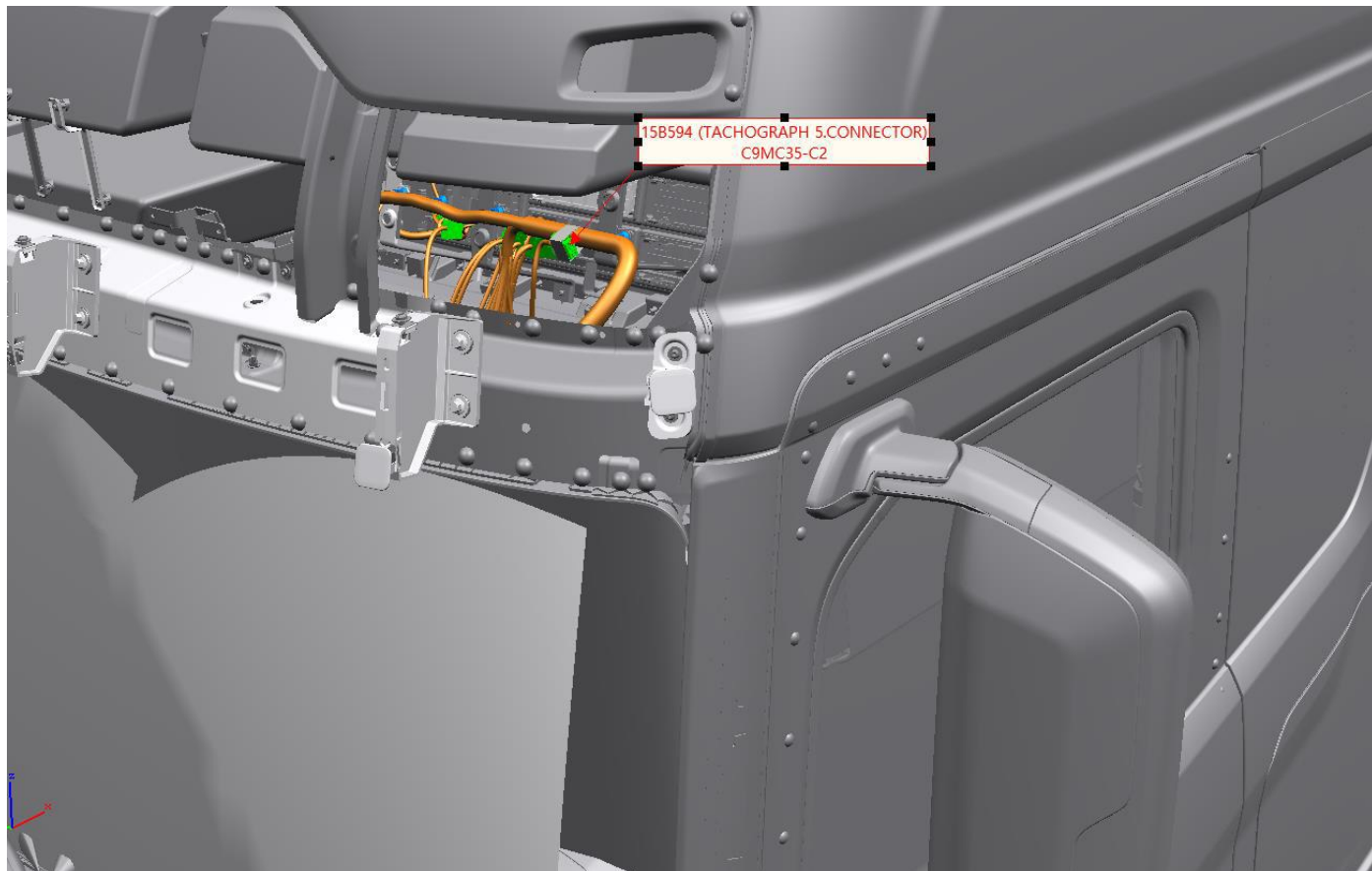
TRUCKS

15B594 Wiring:

C9LN15-C / C9LN15-B / C9LN15-A Connectors:

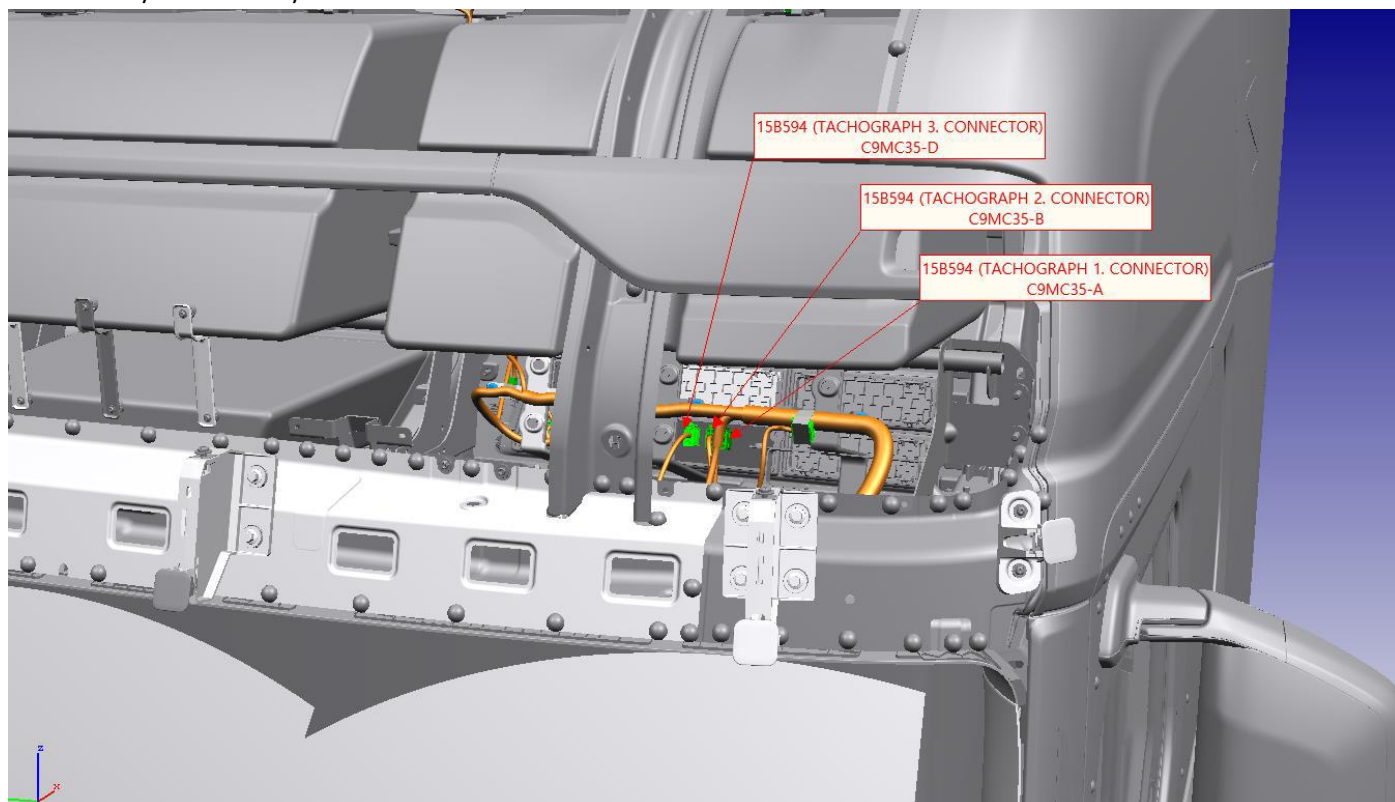


C9MC35-C2 Connector:

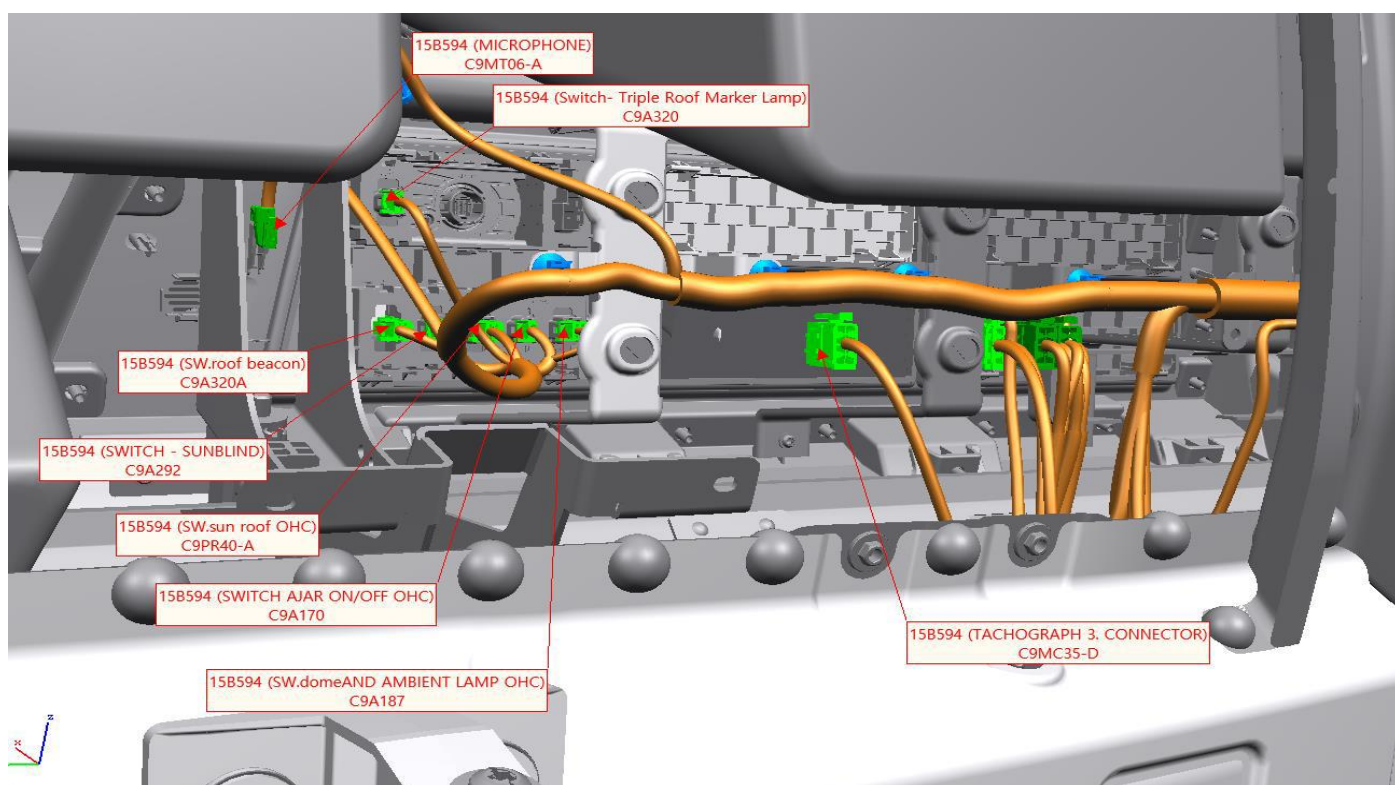


TRUCKS

C9MC35-D / C9MC35-B / C9MC35-A Connectors:

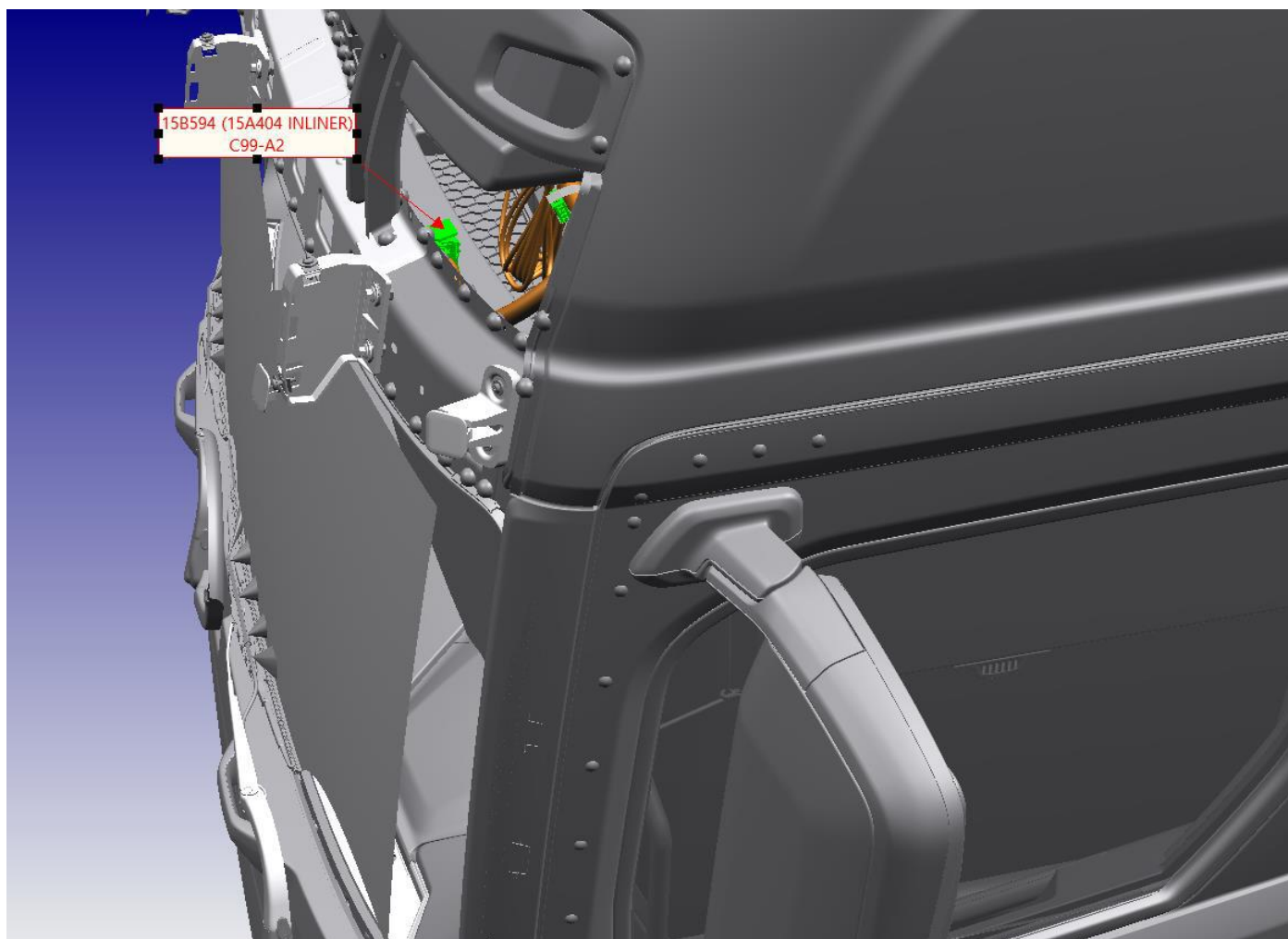


C9MT06-A / C9A320 / C9A320A / C9A292 / C9PR40-A / C9A170 / C9A187 / C9MC35-D Connectors:



TRUCKS

C99-A2 Connector:



15B594 ➔ Driver side roof wiring connector descriptions:



Connector Code	C9MC35-D	
Connector Description	TO TACOGAPY	
Pin Layout	Wire Thickness	Wiring Colour
3	0.75	PURPLE/RED

TRUCKS



Connector Code	C9MC35-A	
Connector Description	TO TACOGRAPH	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	RED
2	0.35	BLUE/BROWN
3	0.75	PURPLE/GREY
4	0.5	GREEN/ORANGE
5	1.5	BLACK/PURPLE
6	0.75	BLACK/BLUE
8	0.5	GREY/BLUE

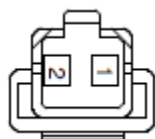


Connector Code	C9MC35-B	
Connector Description	TO TACOGRAPH	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLUE/GREY
2	0.35	YELLOW/BLUE
3	0.35	BROWN/WHITE
4	0.35	BLUE
7	0.35	BLUE

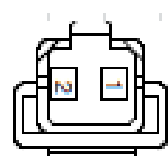


Connector Code	C9MC35-C2	
Connector Description	TO TACOGRAPH FMS(B)	
Pin Layout	Wire Thickness	Wiring Colour
5	0.5	WHITE/BROWN
7	0.5	YELLOW/GREY

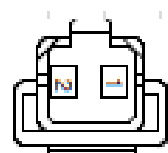
TRUCKS



Connector Code	C9LN15-A	
Connector Description	TO OHC LIGHTING (LHS)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	YELLOW/RED
2	0.35	BLACK/WHITE



Connector Code	C9LN15-B	
Connector Description	TO OHC LIGHTING (CTR)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	YELLOW/RED
2	0.35	BLACK/WHITE

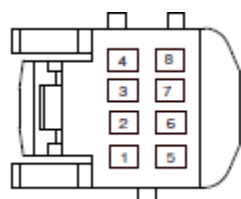


Connector Code	C9LN15-C	
Connector Description	TO OHC LIGHTING (RHS)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	YELLOW/RED
2	0.35	BLACK/WHITE

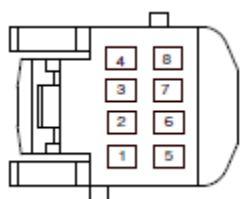
TRUCKS



Connector Code	C9MT06-A	
Connector Description	TO MICROPHONE	
Pin Layout	Wire Thickness	Wiring Colour
2	0.35	BROWN/PURPLE
3	0.35	WHITE/GREEN

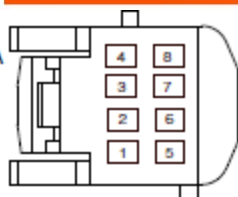


Connector Code	C9A320A	
Connector Description	TO GCC LAMP SW.	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	VT
2	0.35	GREEN/BLUE
3	0.35	BLACK/BLUE
4	0.35	BLUE/BROWN

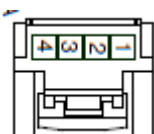


Connector Code	C9A292	
Connector Description	TO ELEC SUNBLIND MOTOR SW.	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	GREY/RED
2	0.35	PURPLE/BROWN
3	0.35	BLACK/BLUE
4	0.35	BLUE/BROWN
5	0.35	GREY/RED
6	0.35	YELLOW/ORANGE

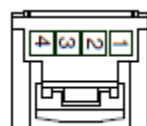
TRUCKS



Connector Code	C9PR40-A	
Connector Description	TO ELEC SUN ROOF SW.	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	GREY/RED
2	0.35	YELLOW/ORANGE
3	0.35	BLACK/BLUE
4	0.35	BLUE/BROWN
5	0.35	GREY/RED
6	0.35	PURPLE/BROWN

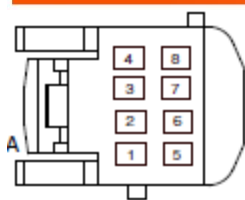


Connector Code	C9A320	
Connector Description	TO TRIPPLE LAMP.SW.	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	PURPLE
2	0.35	WHITE/GREEN
3	0.35	BLACK/BLUE
4	0.35	BLUE/BROWN



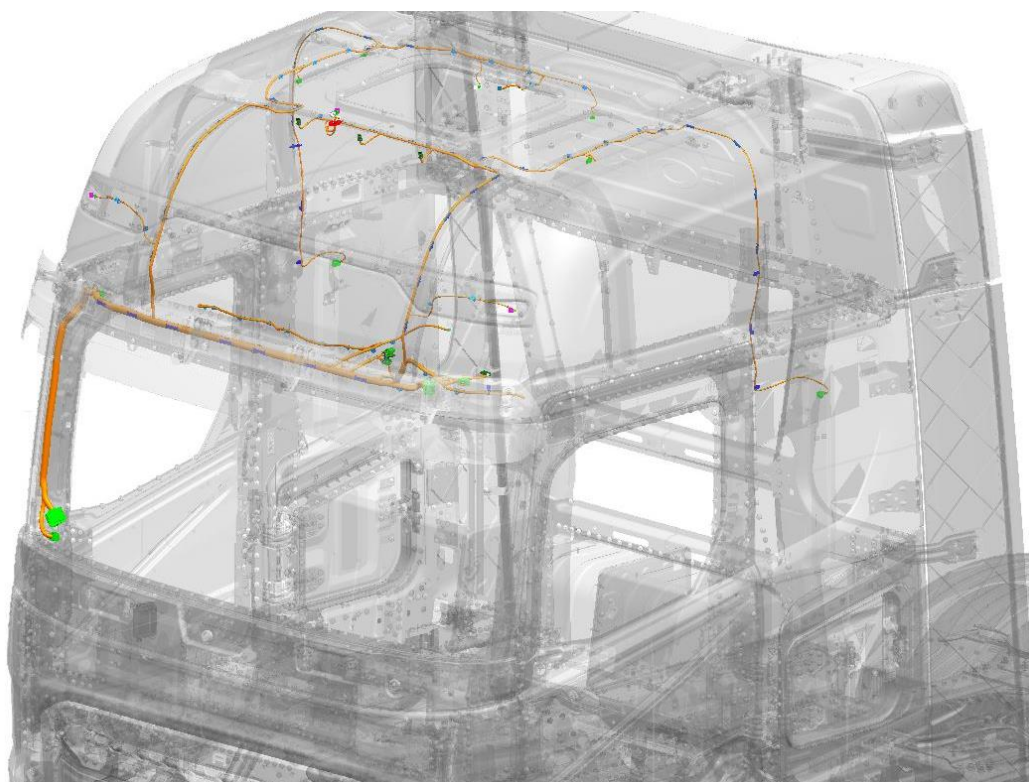
Connector Code	C9A170	
Connector Description	TO DOOR AJAR SW.	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLACK/BLUE
2	0.35	ORANGE/BLACK
3	0.35	BLACK/BLUE
4	0.35	BLUE/BROWN

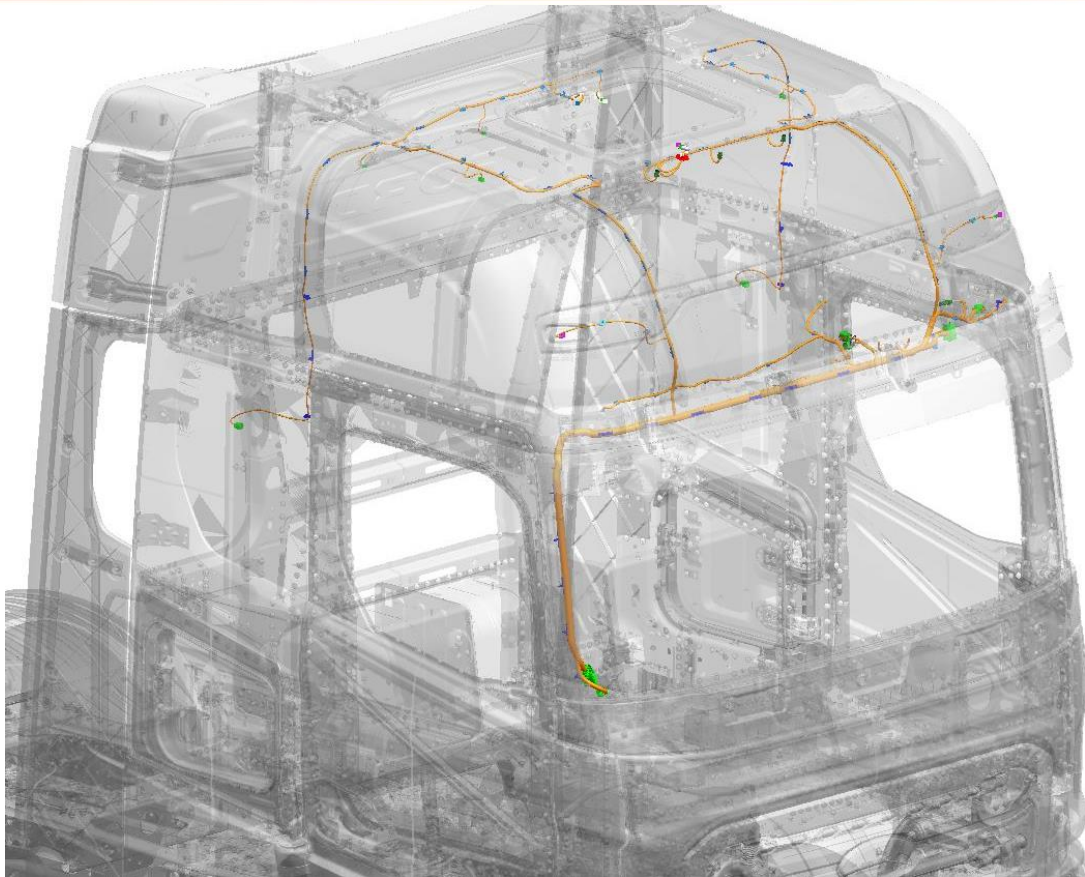
TRUCKS

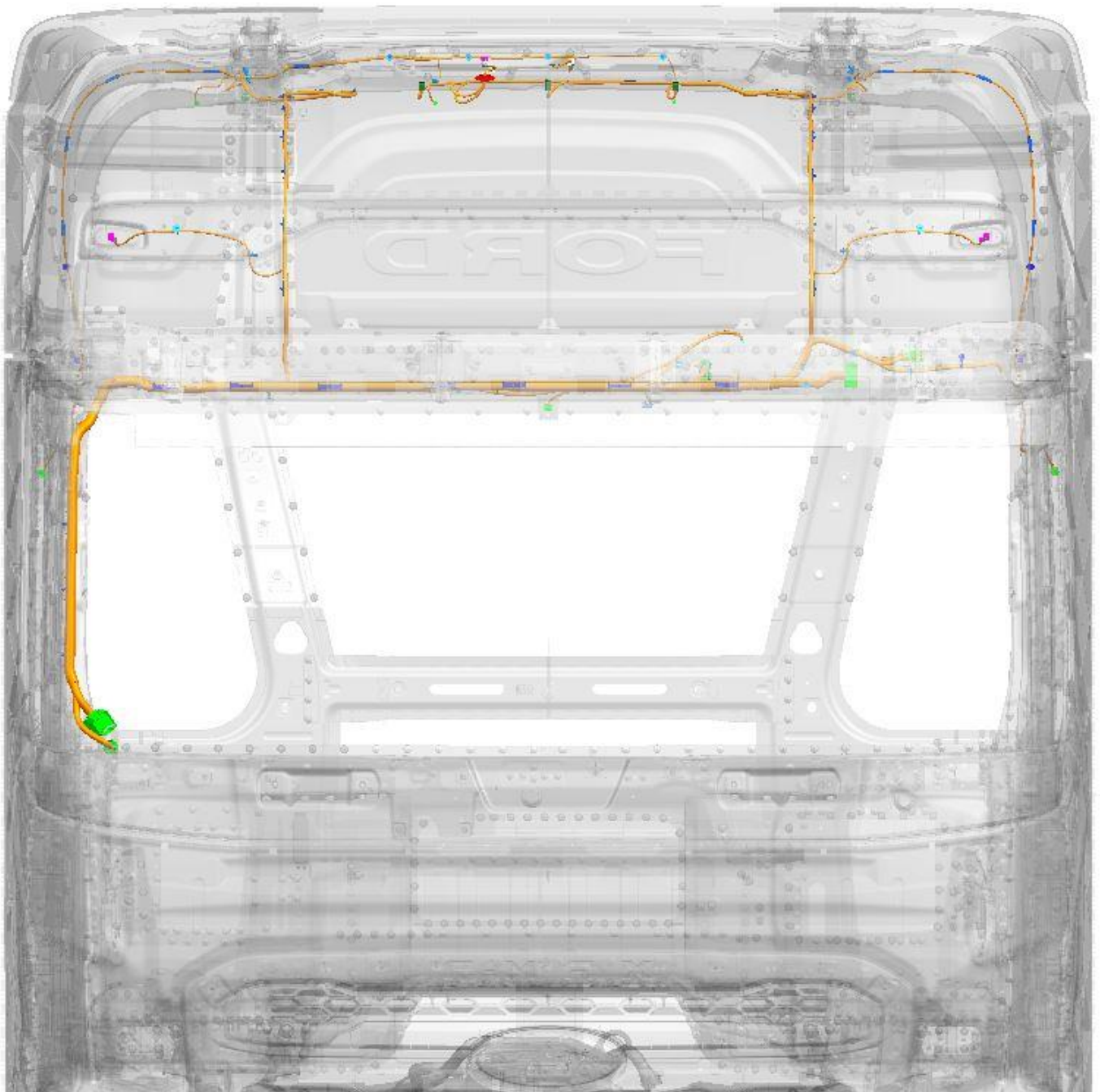


Connector Code	C9A187	
Connector Description	TO DOMELAMP AND AMBIENT LIGHTING SW.	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	GREY/RED
2	0.35	ORANGE/BLUE
3	0.35	BLACK/BLUE
4	0.35	BLUE/BROWN
5	0.35	GREY/RED
6	0.35	BLUE

15A404➔ Roof Wiring



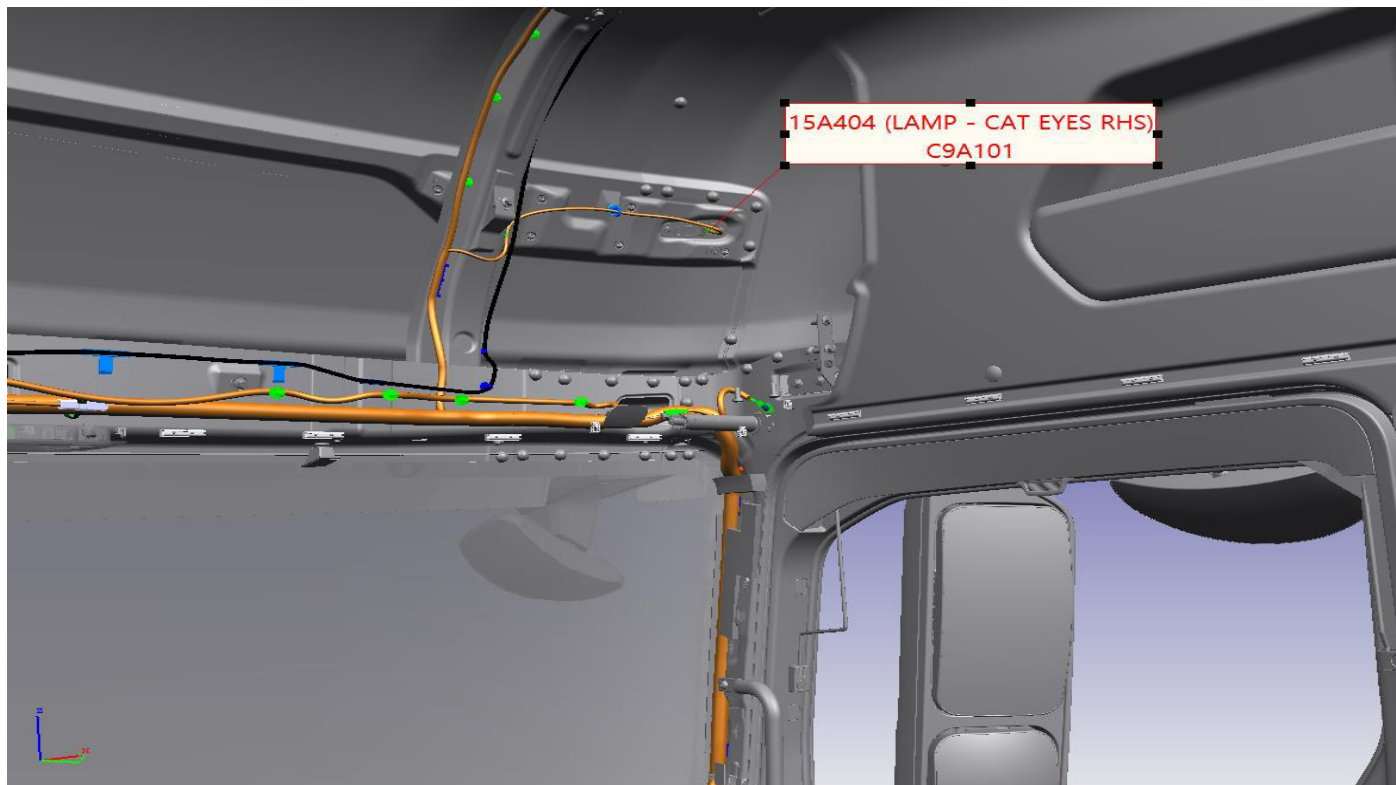




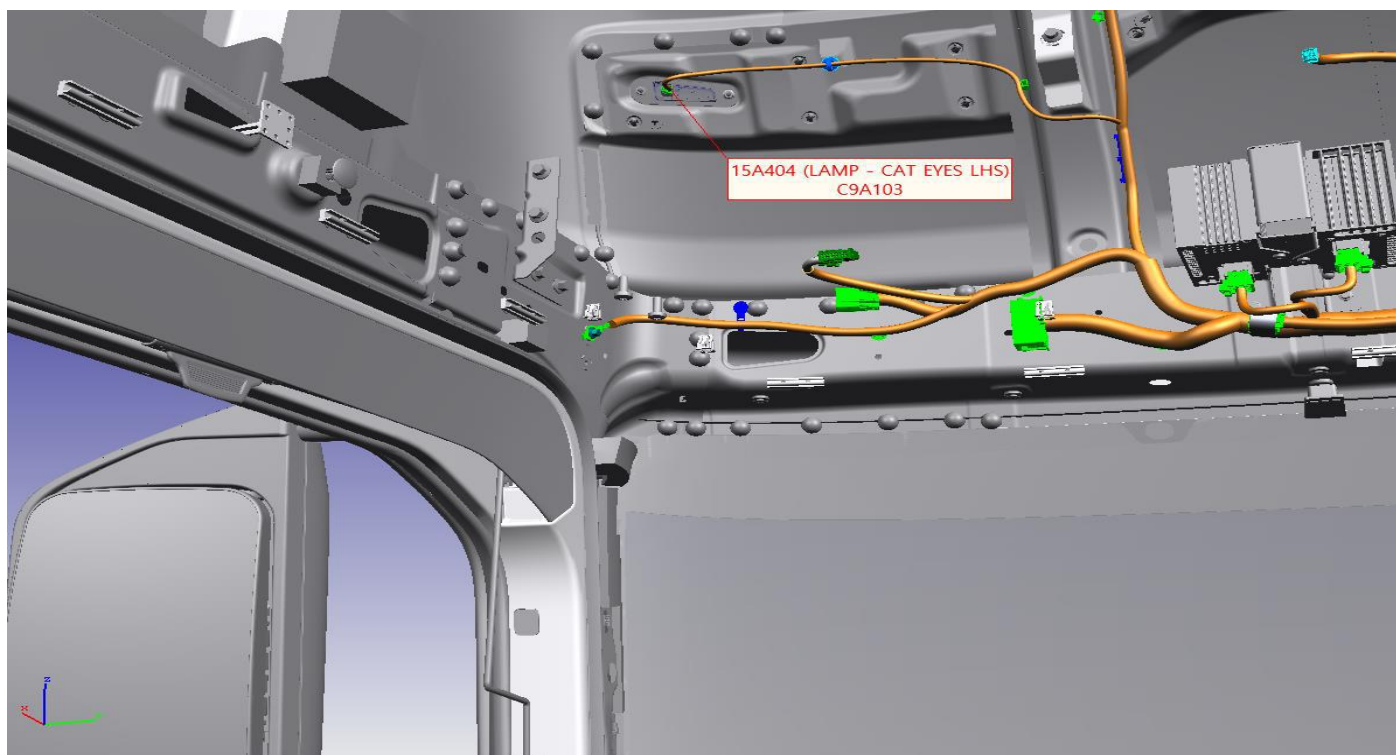
TRUCKS

15A404 Wiring:

C9A101 Connector:

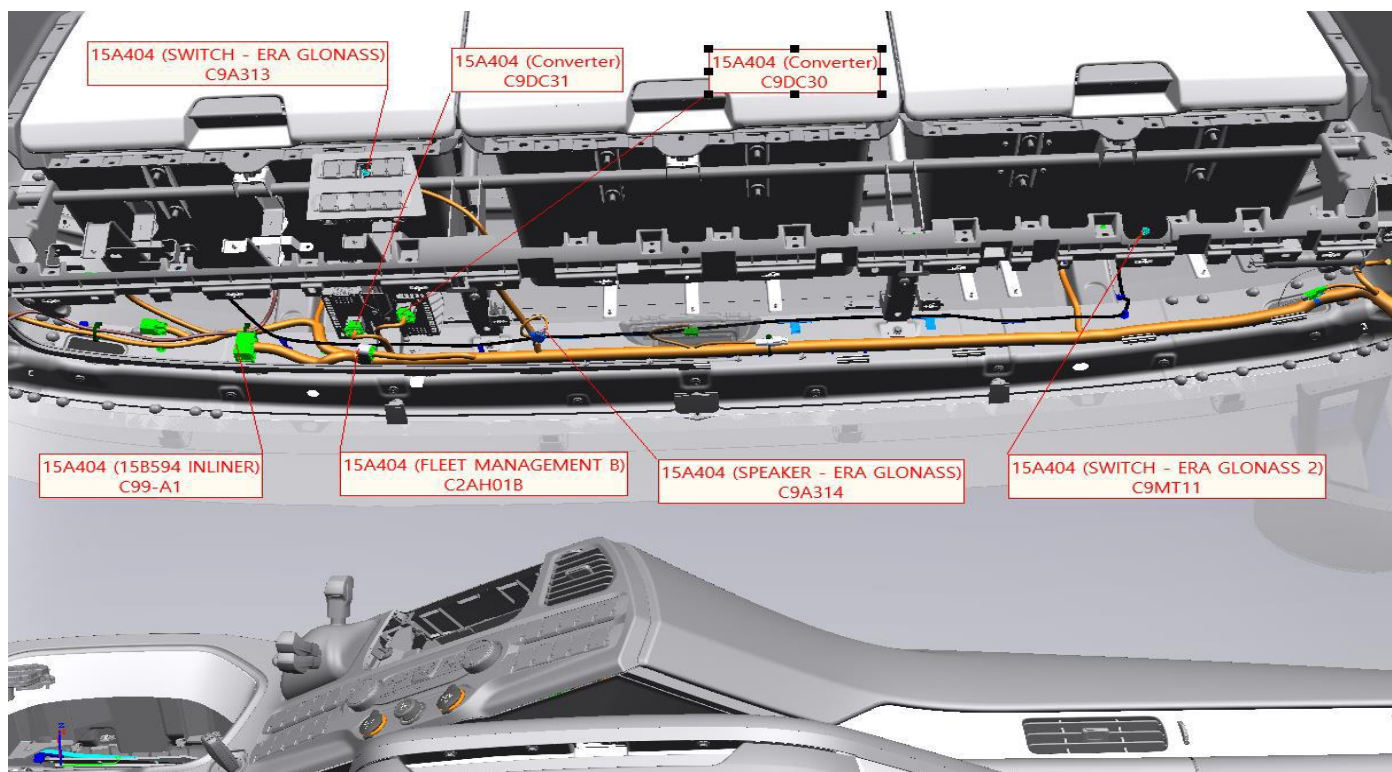


C9A103 Connector:



TRUCKS

C9A313 / C9DC31 / C9DC30 / C99-A1 / C2AH01B / C9A314 / C9MT11 Connectors:

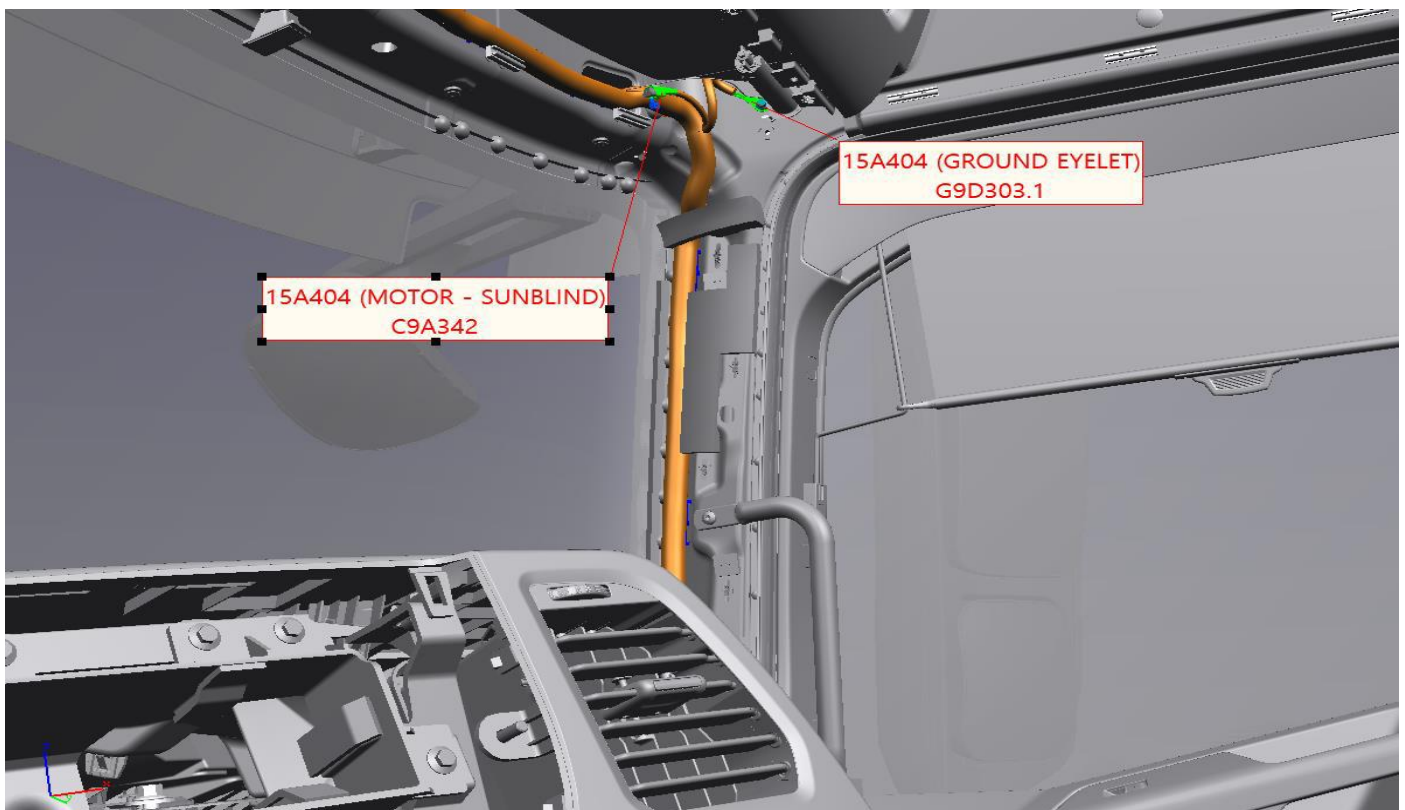


C9A335 Connector:

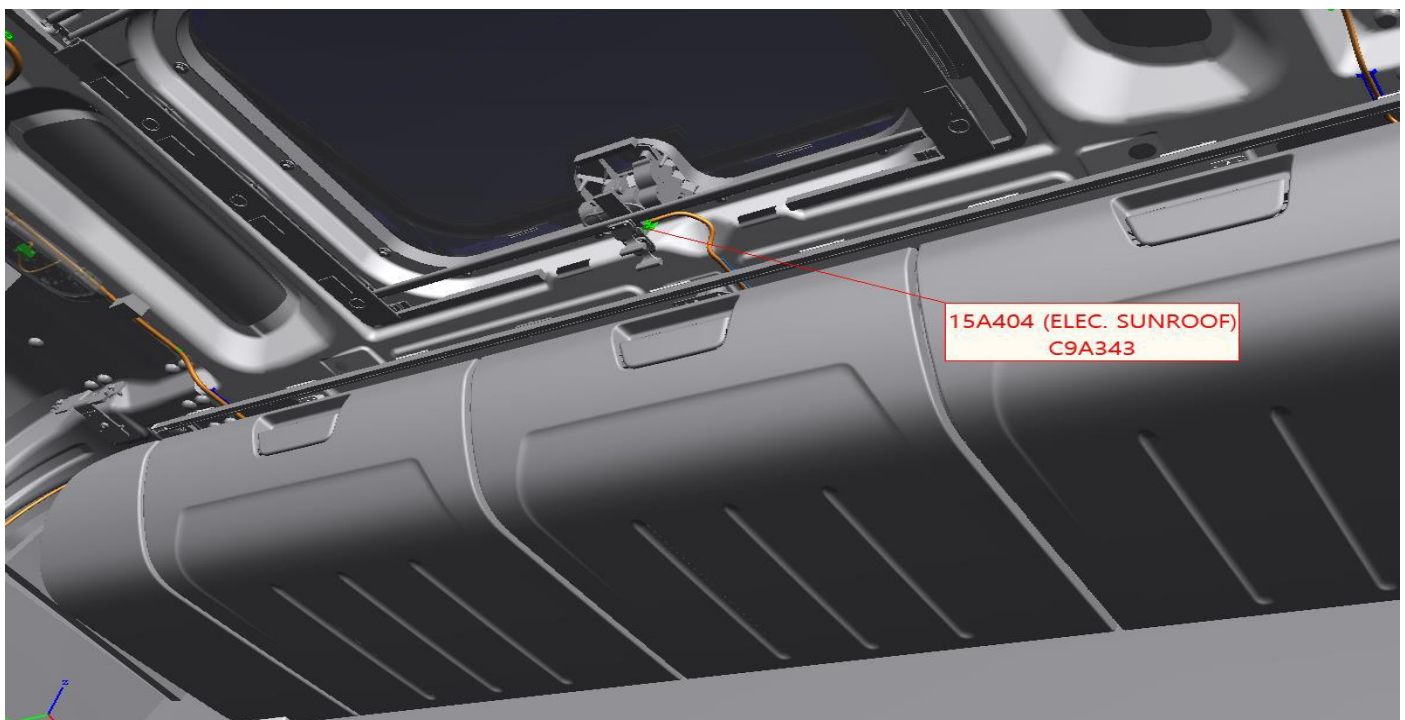


TRUCKS

C9A342 / G9D303.1 Connectors:

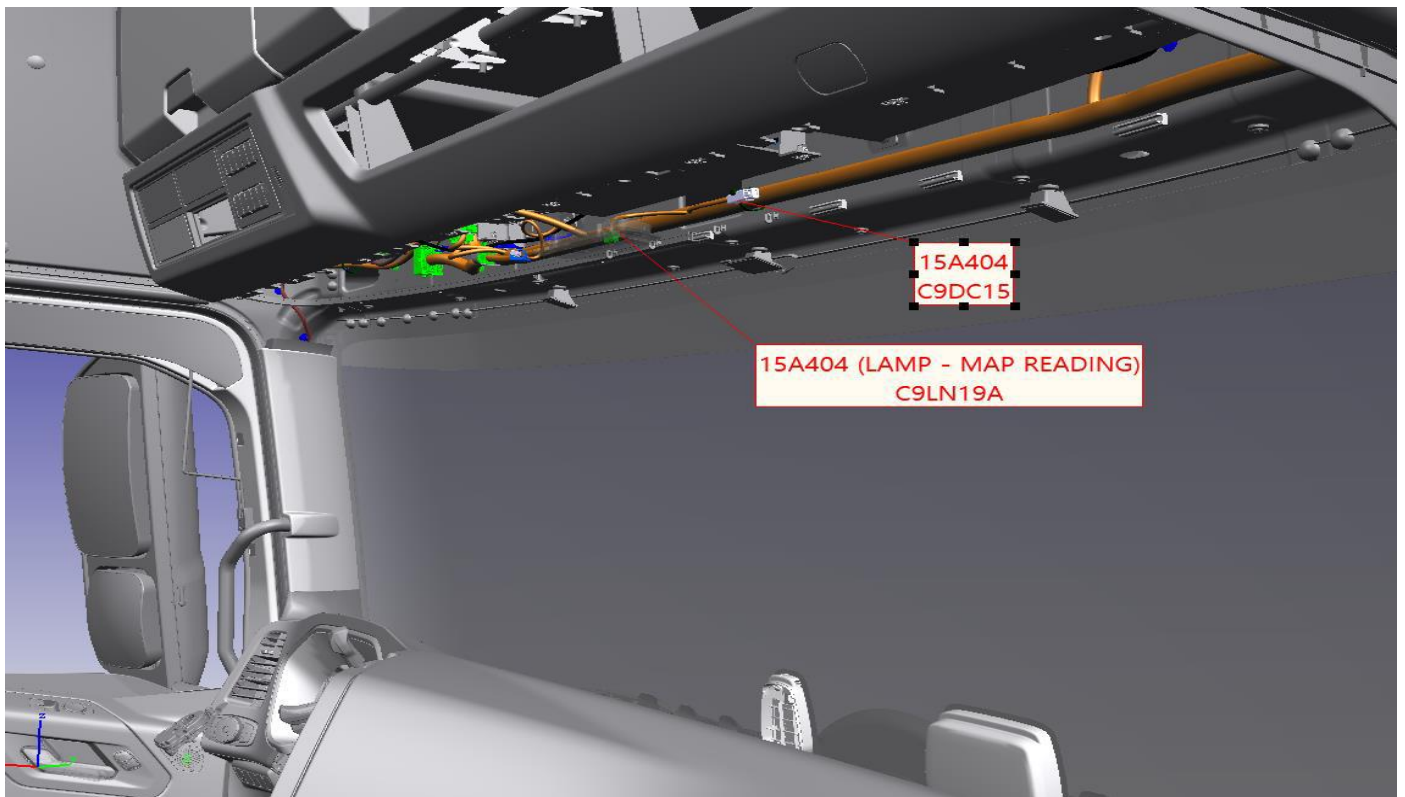


C9A343 Connector :

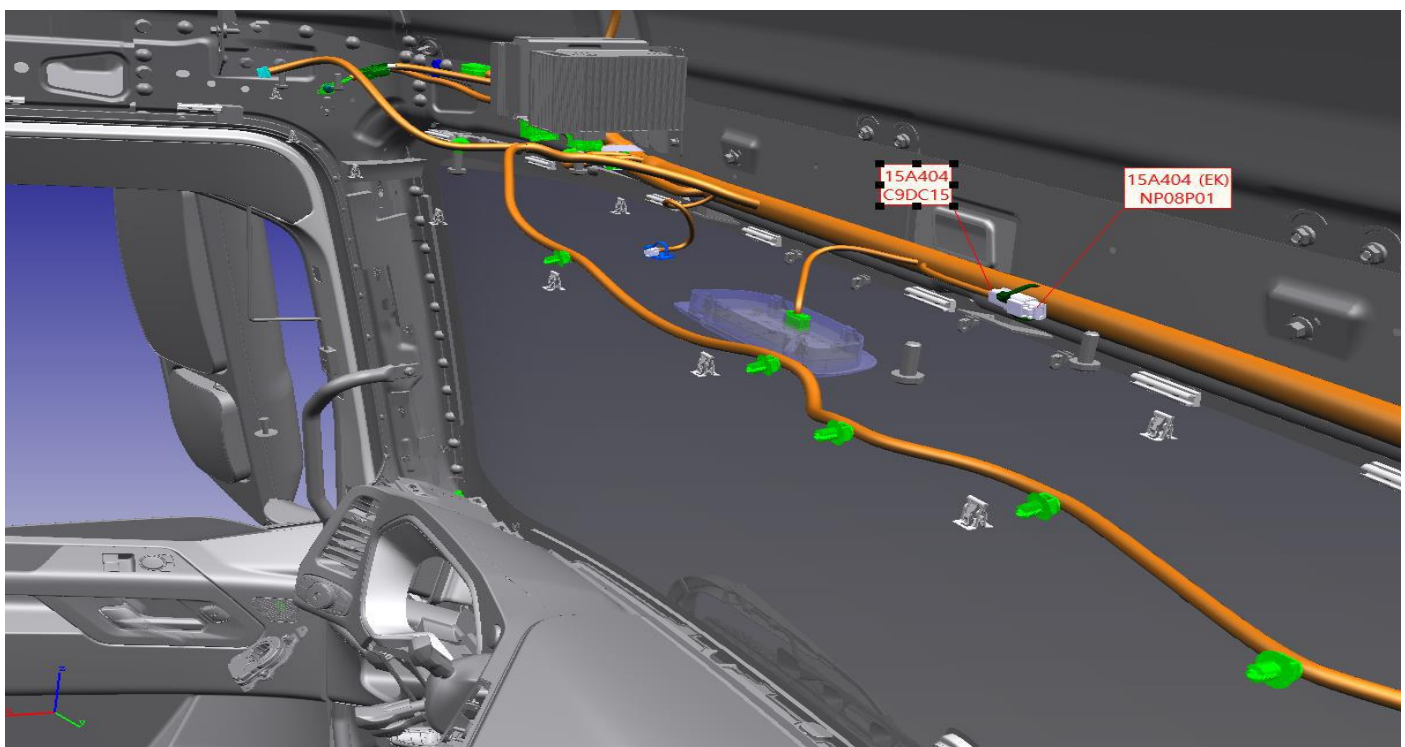


TRUCKS

C9DC15 / C9LN19A Connectors:

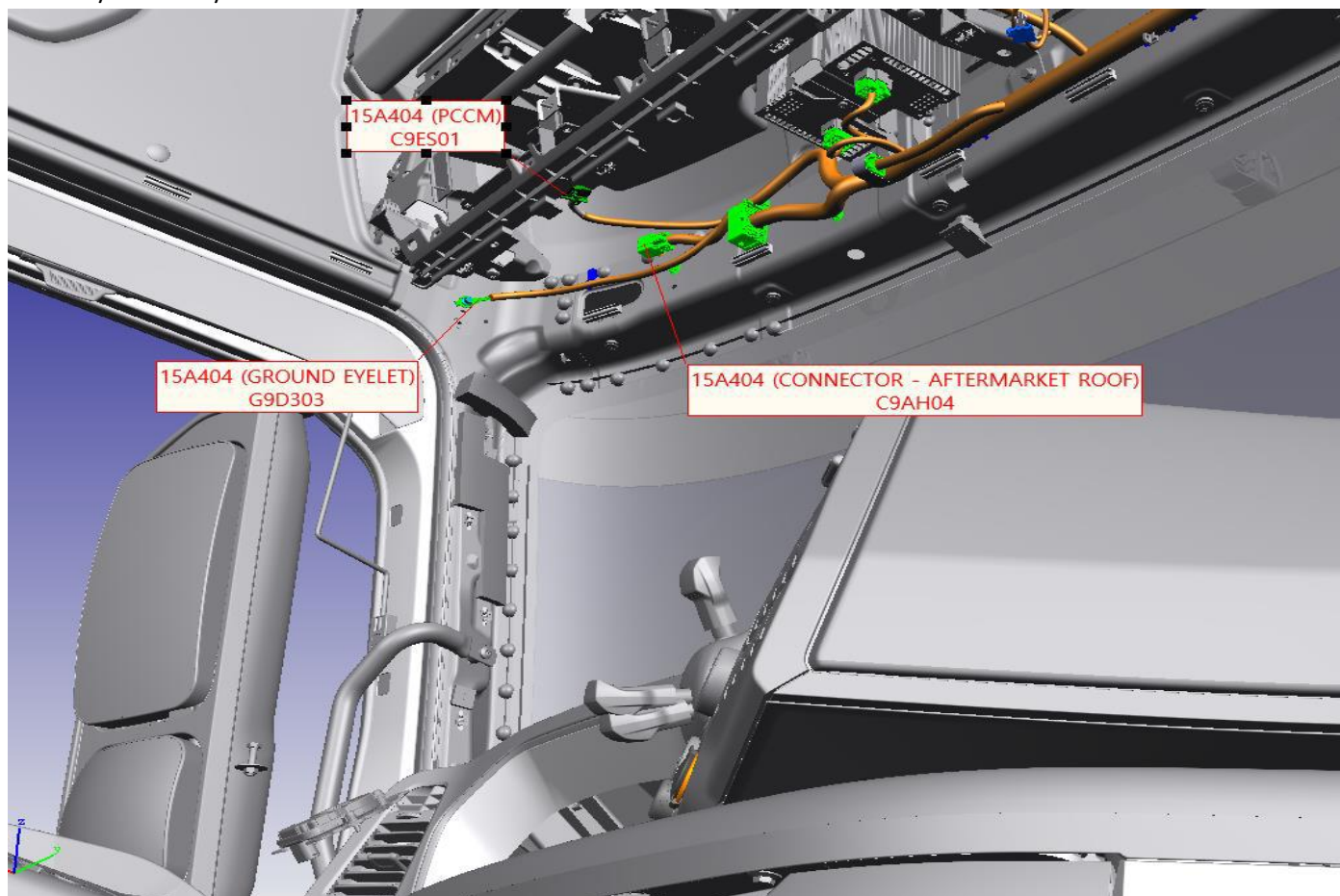


C9DC15 / NP08P01 Connectors:

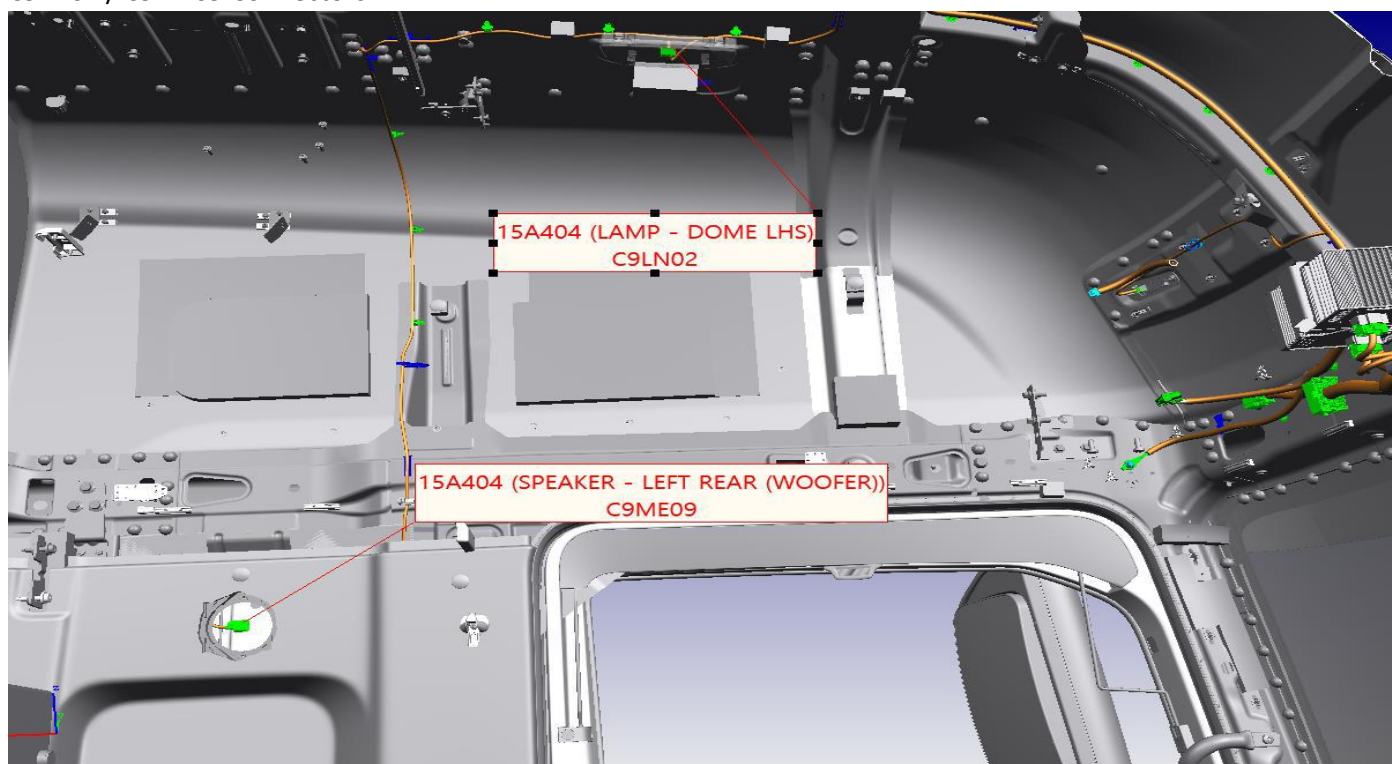


TRUCKS

C9ES01 / G9D303 / C9AH04 Connectors:

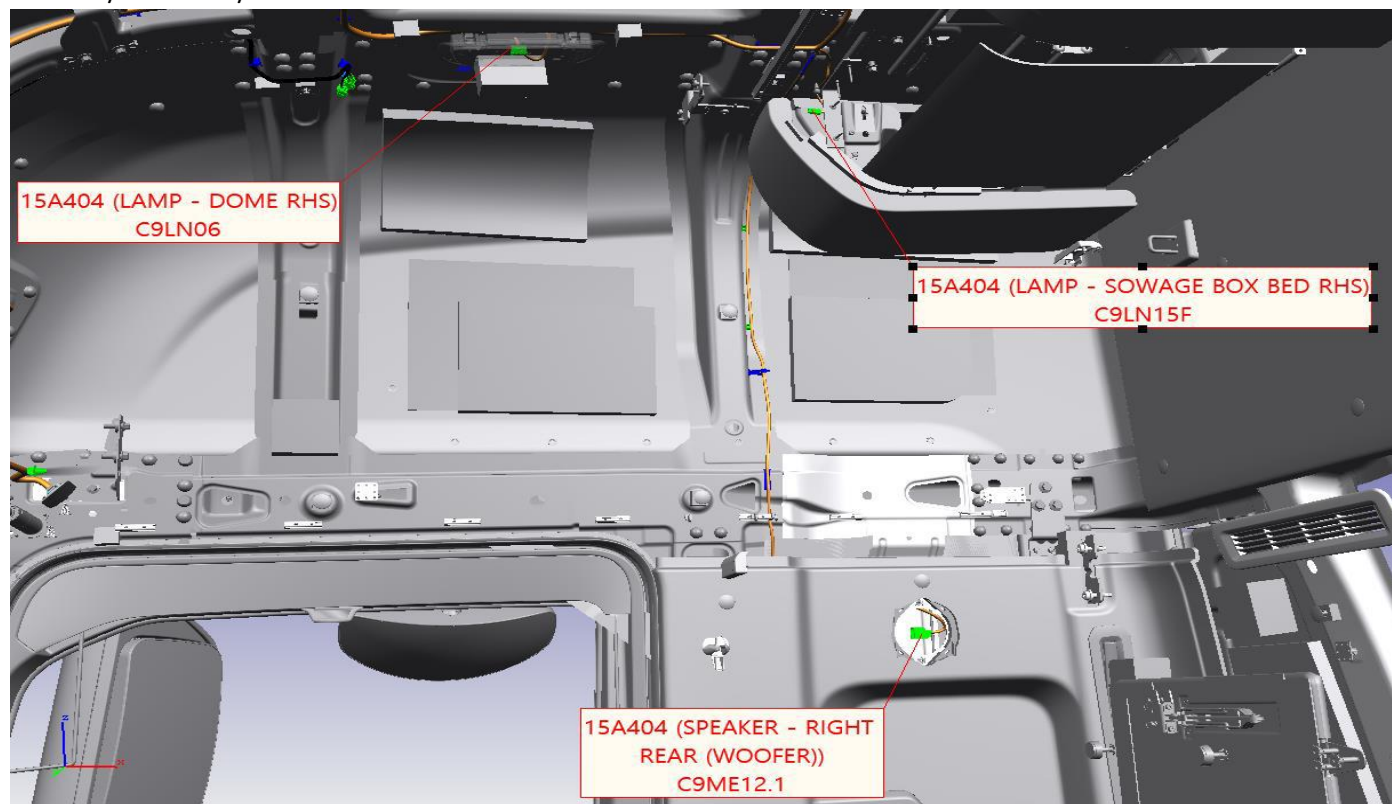


C9LN02 / C9ME09 Connectors:

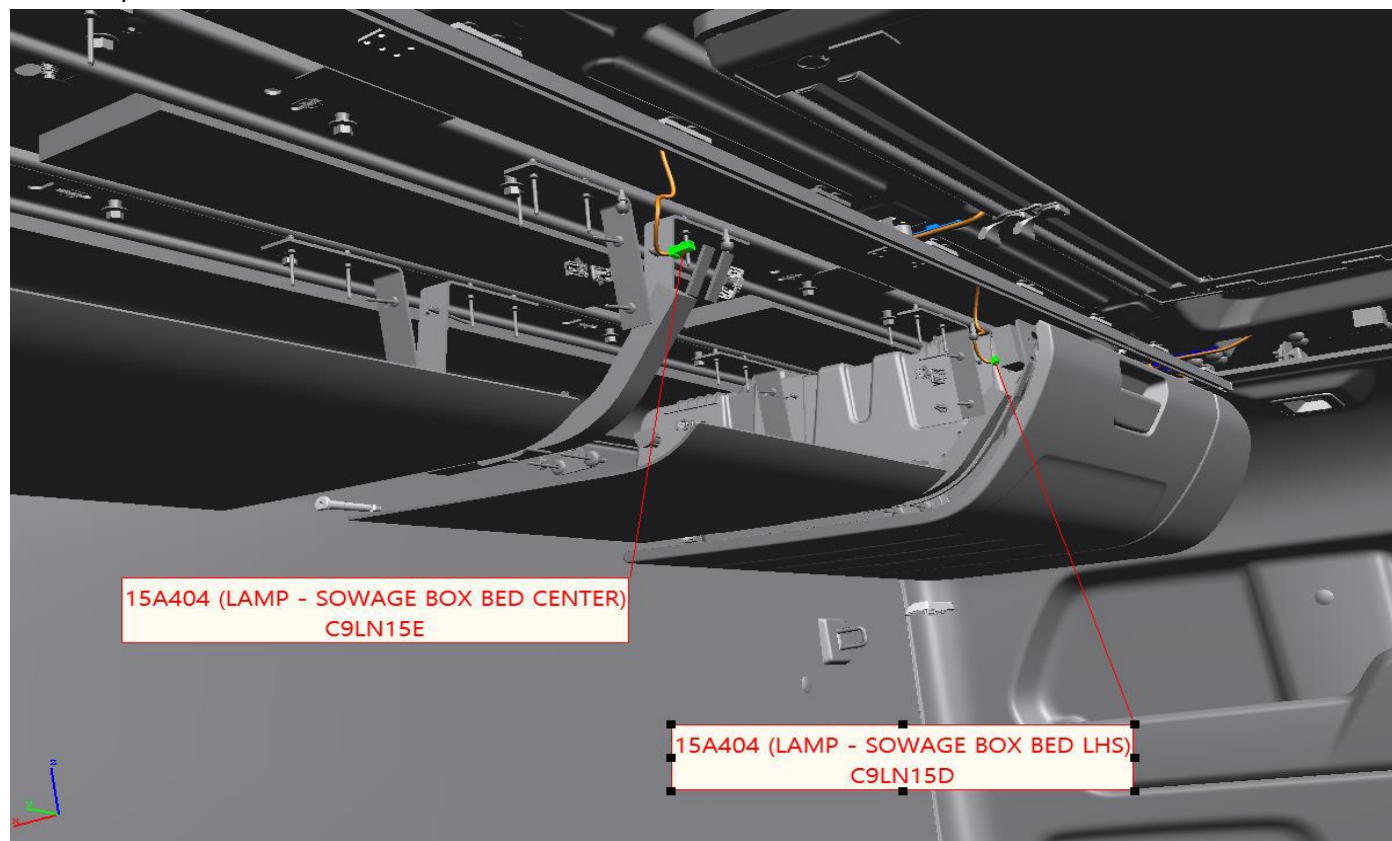


TRUCKS

C9LN06 / C9LN15F / C9ME12.1 Connectors:

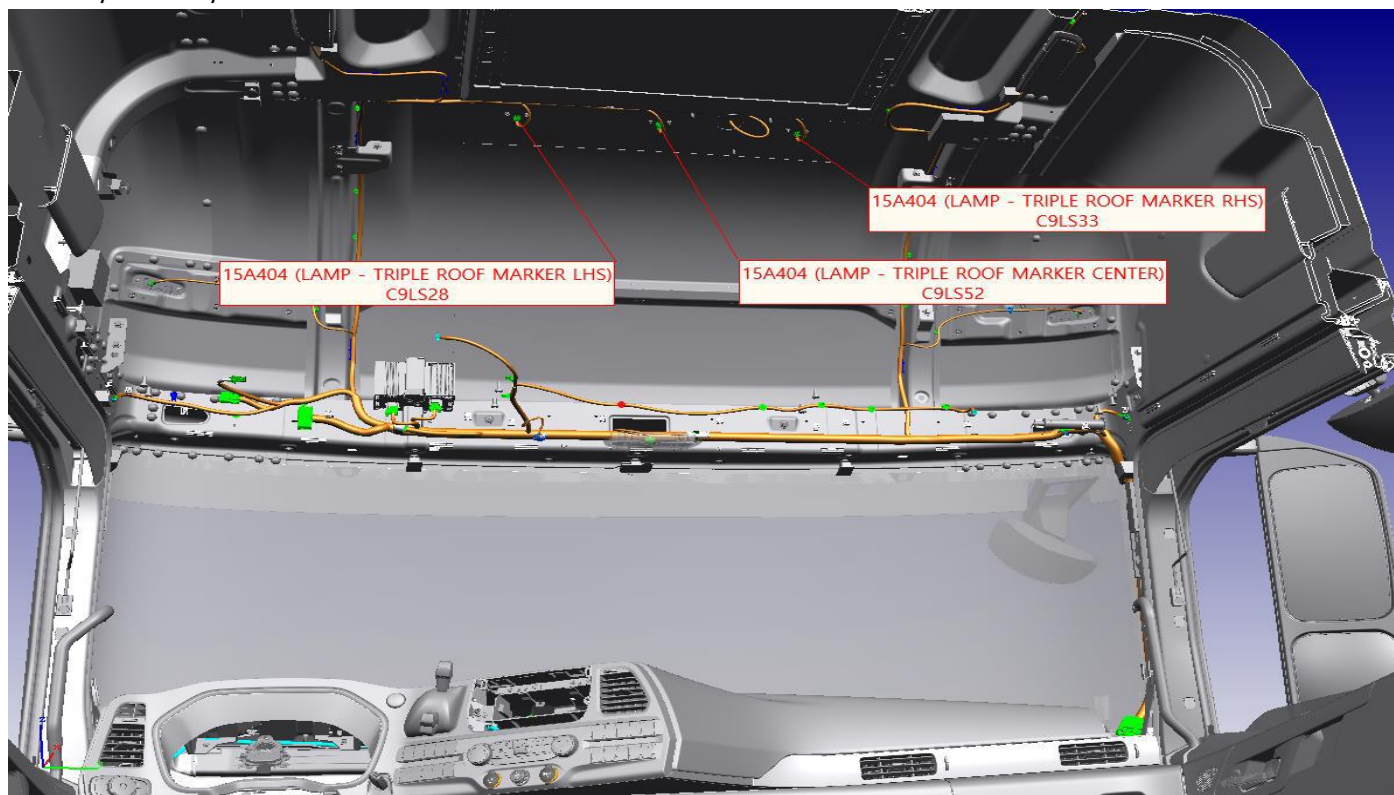


C9LN15E / C9LN15D Connectors:

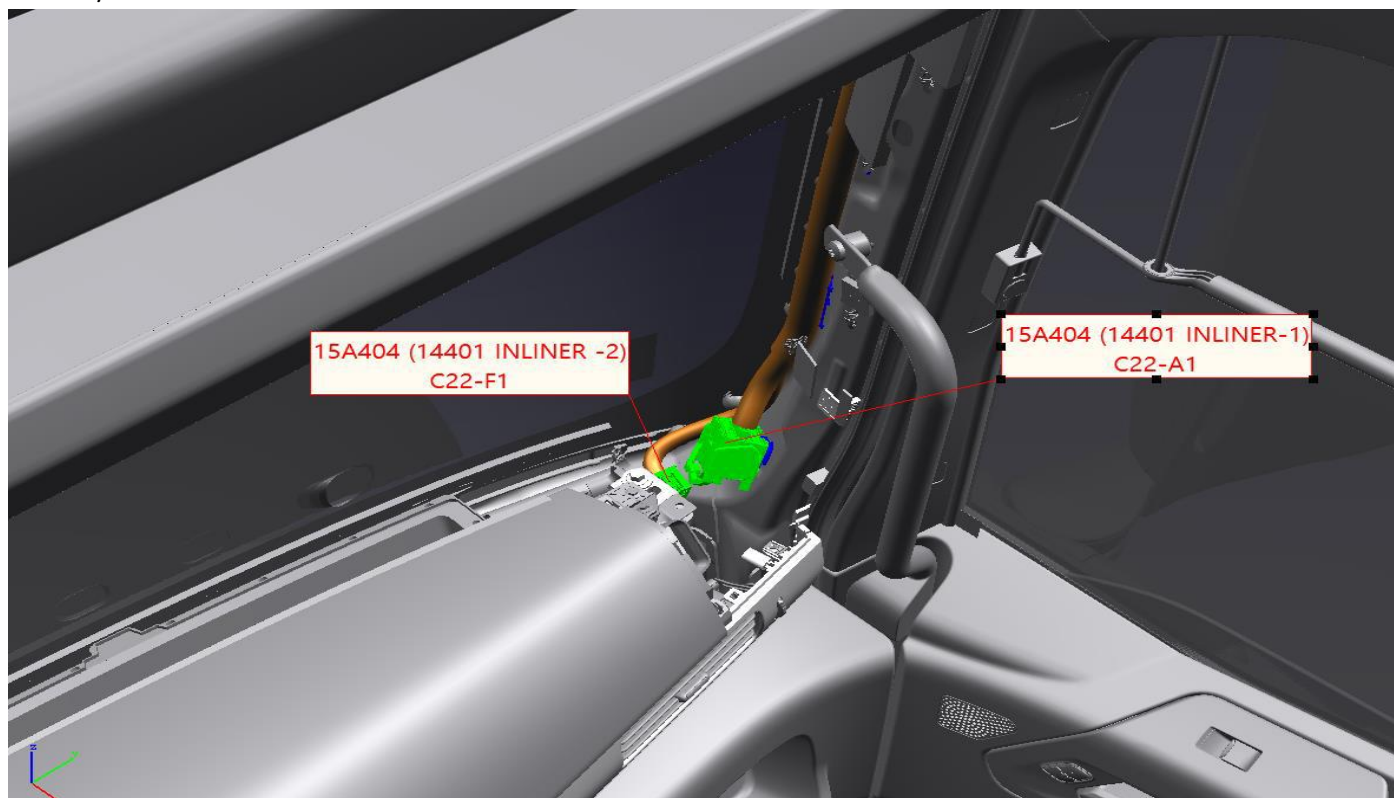


TRUCKS

C9LS28 / CPLS52 / C9LS33 Connectors:

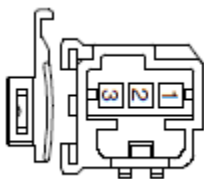


C22-F1 / C22-A1 – Connectors:

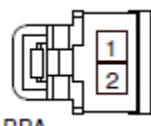


TRUCKS

15A404➔ Roof wiring connector descriptions:



Connector Code	C9A342	
Connector Description	TO ELEC SUNBLIND	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	ORANGE/GREY
3	0.75	ORANGE/BLACK



Connector Code	C9A101	
Connector Description	TO CAT EYES (RHS)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLACK/PURPLE
2	0.35	BLUE/WHITE



Connector Code	C9LN19A	
Connector Description	TO MAP READING LAMP	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/BLUE
2	0.75	BLACK/PURPLE

TRUCKS



Connector Code	C9DC15	
Connector Description		
Pin Layout	Wire Thickness	Wiring Colour
1	0.5	YELLOW/GREY
2	0.5	WHITE/BROWN

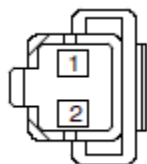


Connector Code	C9A314	
Connector Description	SPEAKER-ERA GLONASS	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	ORANGE/WHITE
2	0.35	ORANGE/BLACK

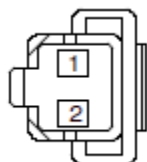


Connector Code	C9LN06	
Connector Description	TO DOMELAMP (RHS)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	ORANGE/YELLOW
2	0.35	BLACK/PURPLE
3	0.35	GREY/ORANGE
4	0.35	BLACK/PURPLE
5	0.35	GREY/BLUE
6	0.35	BLACK/PURPLE

TRUCKS



Connector Code	C9LN15F	
Connector Description	TO UPPERBED STOWAGE LAMP (LHS)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	YELLOW/RED
2	0.35	BLACK/WHITE



Connector Code	C9LN15E	
Connector Description	TO UPPERBED STOWAGE LAMP (CTR)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	YELLOW/RED
2	0.35	BLACK/WHITE

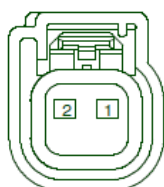


Connector Code	C9MT11	
Connector Description	TO ERAGLONASS SW.(RHS)	
Pin Layout	Wire Thickness	Wiring Colour
3	0.22	ORANGE/WHITE
5	0.22	ORANGE/WHITE
7	0.22	ORANGE/YELLOW
9	0.22	ORANGE/YELLOW

TRUCKS



Connector Code	C9A313	
Connector Description	TO ERAGLONASS SW (LHS)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.22	ORANGE/GREEN
2	0.22	ORANGE/GREY
3	0.22	ORANGE/WHITE
4	0.22	ORANGE/BLACK
5	0.22	ORANGE/WHITE
6	0.22	ORANGE
7	0.22	ORANGE/GREEN
8	0.22	ORANGE/BLACK
9	0.22	ORANGE/GREEN
10	0.22	ORANGE/GREY



Connector Code	C9ME12	
Connector Description	TO RR SPEAKER (RHS)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BROWN/WHITE
2	0.75	BROWN/BLUE

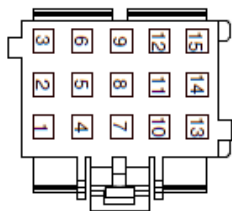


Connector Code	C9A103	
Connector Description	TO CAT EYES (LHS)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLUE/WHITE
2	0.35	BLACK/PURPLE

TRUCKS

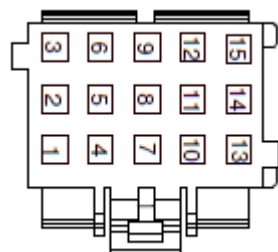


Connector Code	C9LN15D	
Connector Description	TO UPPERBED STOWAGE LAMP(LHS)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	YELLOW/RED
2	0.35	BLACK/WHITE

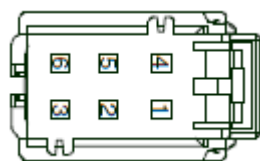


Connector Code	C9DC30	
Connector Description	TO CONVERTER 1	
Pin Layout	Wire Thickness	Wiring Colour
3	2.5	BLACK/YELLOW
6	0.75	PURPLE/GREY
7	2.5	GREY/YELLOW
8	2.5	GREY/YELLOW
9	2.5	BLACK/YELLOW
10	2.5	GREY/YELLOW
11	2.5	GREY/YELLOW
12	2.5	BLACK/YELLOW
13	2.5	GREY/YELLOW
14	2.5	BLACK/YELLOW
15	2.5	BROWN/RED

TRUCKS

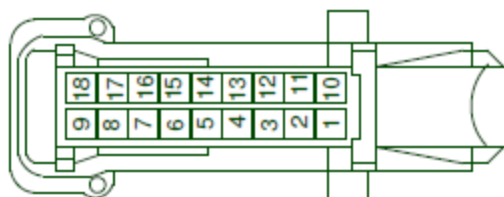


Connector Code	C9DC31	
Connector Description	TO CONVERTER 2	
Pin Layout	Wire Thickness	Wiring Colour
1	0.5	PURPLE/BROWN
3	2.5	BLACK/YELLOW
4	0.75	PURPLE
5	0.75	GREEN/ORANGE
6	0.75	PURPLE/GREY
7	2.5	GREY/YELLOW
8	2.5	GREY/YELLOW
9	2.5	BLACK/YELLOW
10	2.5	GREY/YELLOW
11	2.5	GREY/YELLOW
12	2.5	BLACK/YELLOW
13	2.5	GREY/YELLOW
14	2.5	BLACK/YELLOW
15	2.5	RED



Connector Code	C9A343	
Connector Description	ELEC SUNROOF	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	PURPLE/WHITE
2	0.75	WHITE/BROWN

TRUCKS

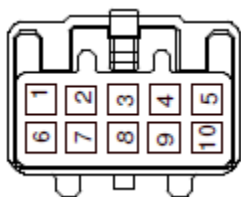


Connector Code	C9ES01	
Connector Description	TO PCCM	
Pin Layout	Wire Thickness	Wiring Colour
1	0.5	BLACK/BLUE
5	0.5	GREEN/ORANGE
6	0.5	GREY/BLUE
8	0.5	WHITE/BROWN
9	0.75	YELLOW/RED
14	0.5	BROWN/GREEN
15	0.5	BROWN/BLUE



Connector Code	C9LS33	
Connector Description	TO TRIPPLE LAMP (RHS)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BROWN
2	0.75	BROWN/PURPLE

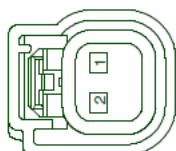
TRUCKS



Connector Code	TO AFTERMARKET	
Connector Description	C9AH04	
Pin Layout	Wire Thickness	Wiring Colour
1	1.5	BLACK/YELLOW
4	1.5	YELLOW/GREEN
5	1.5	PURPLE/RED
7	0.35	BLUE

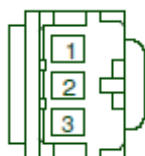


Connector Code	C9LN02	
Connector Description	TO DOMELAMP (LHS)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	GREY
2	0.35	BLACK/PURPLE
3	0.35	GREY/ORANGE
4	0.35	BLACK/PURPLE
5	0.35	GREY/BLUE
6	0.35	BLACK/PURPLE

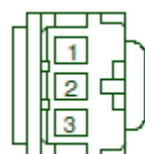


Connector Code	C9ME09	
Connector Description	TO RR SPEAKER (LHS)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	WHITE/GREEN
2	0.75	BROWN/YELLOW

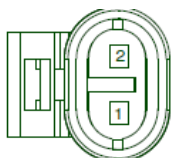
TRUCKS



Connector Code	C9LS28	
Connector Description	TO TRIPPLE LAMP (LHS)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BROWN
2	0.75	BLACK/PURPLE

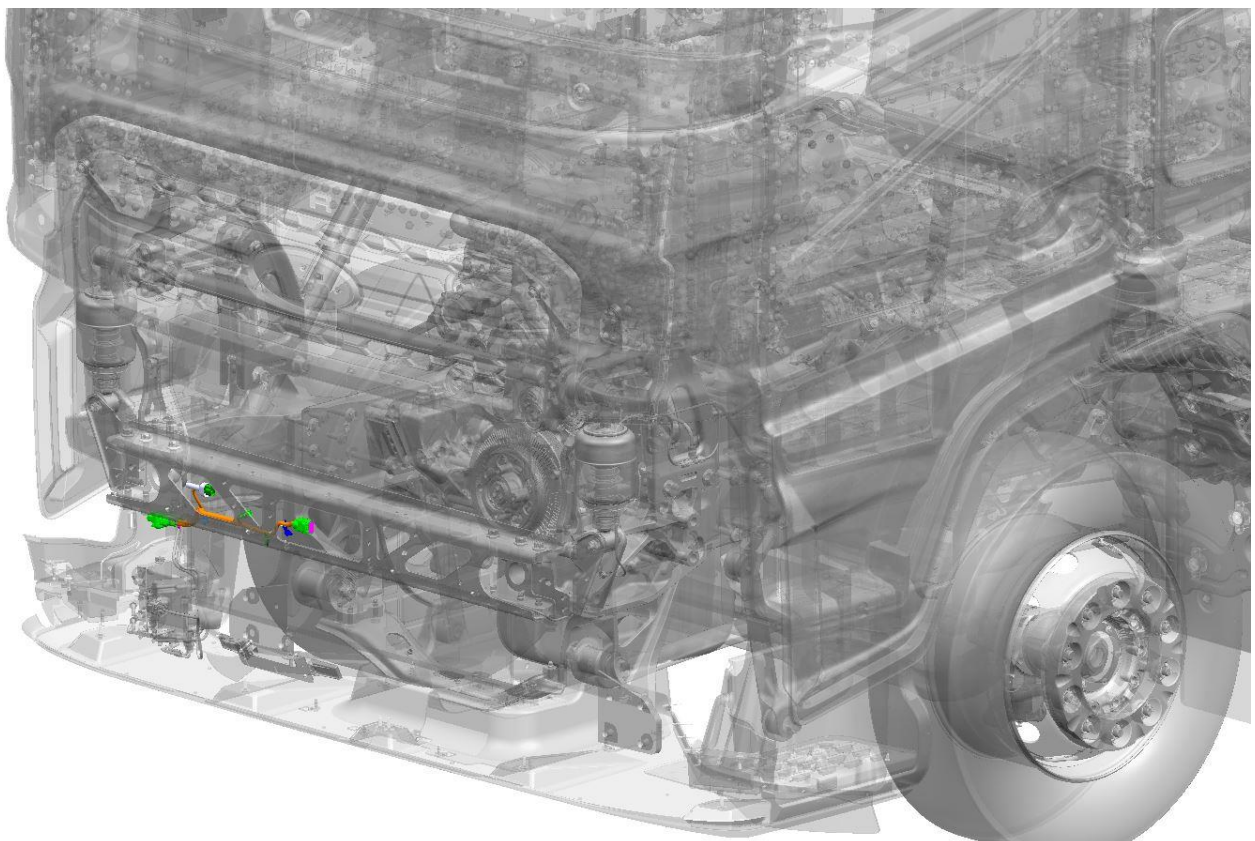
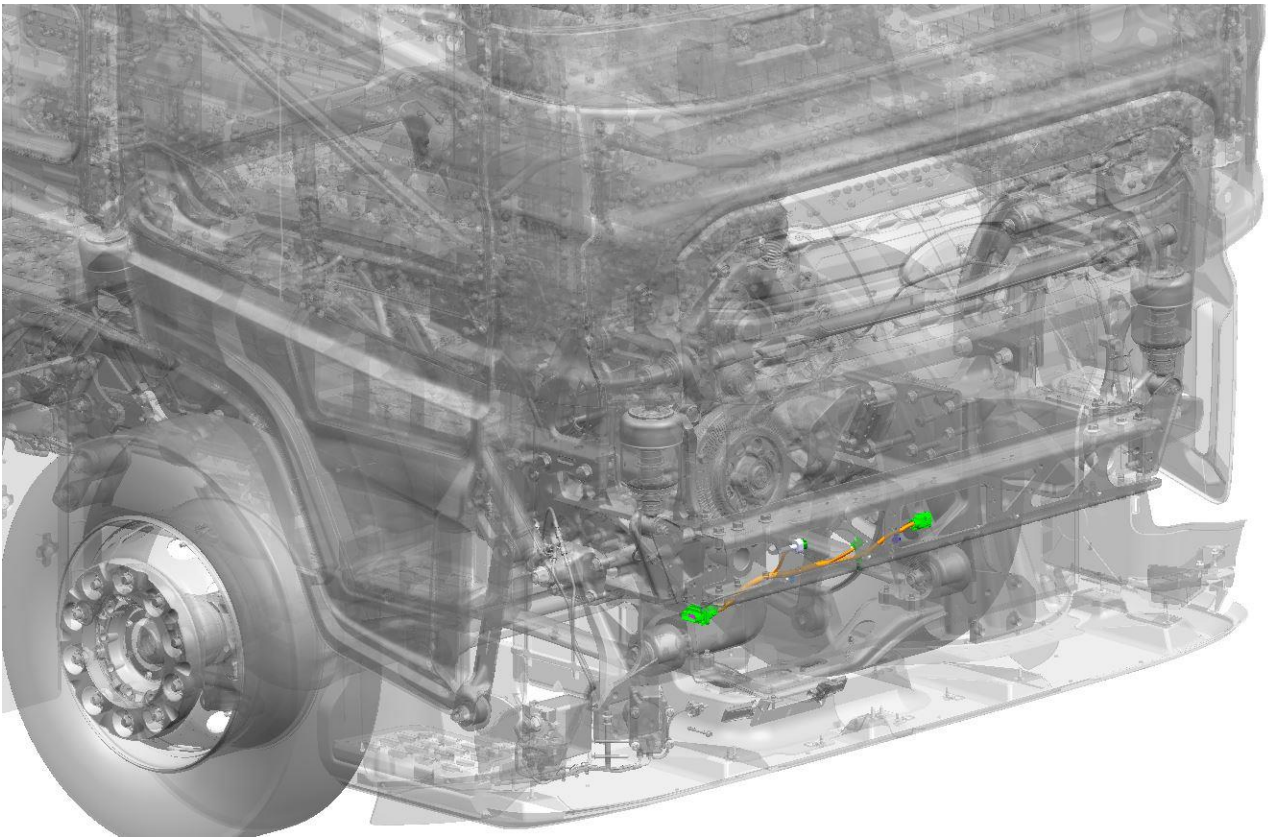


Connector Code	C9LS52	
Connector Description	TO TRIPPLE LAMP (CTR)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BROWN
2	0.75	BLACK/PURPLE



Connector Code	C9A335	
Connector Description	TO ROOF BEACON LAMP	
Pin Layout	Wire Thickness	Wiring Colour
1	1.5	PURPLE/ORANGE
2	1.5	BLACK/YELLOW

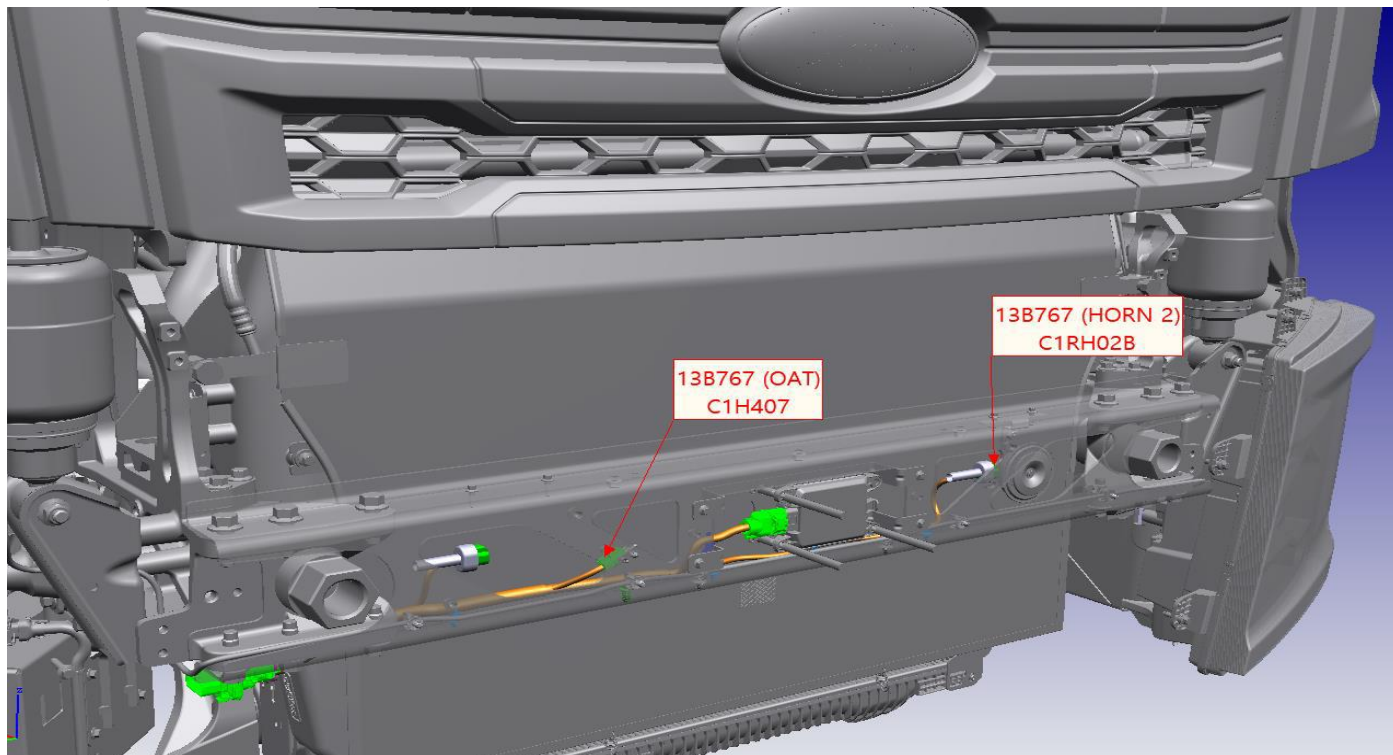
13B767 ➔ TPMS, Radar, OAT and Horn Wirings



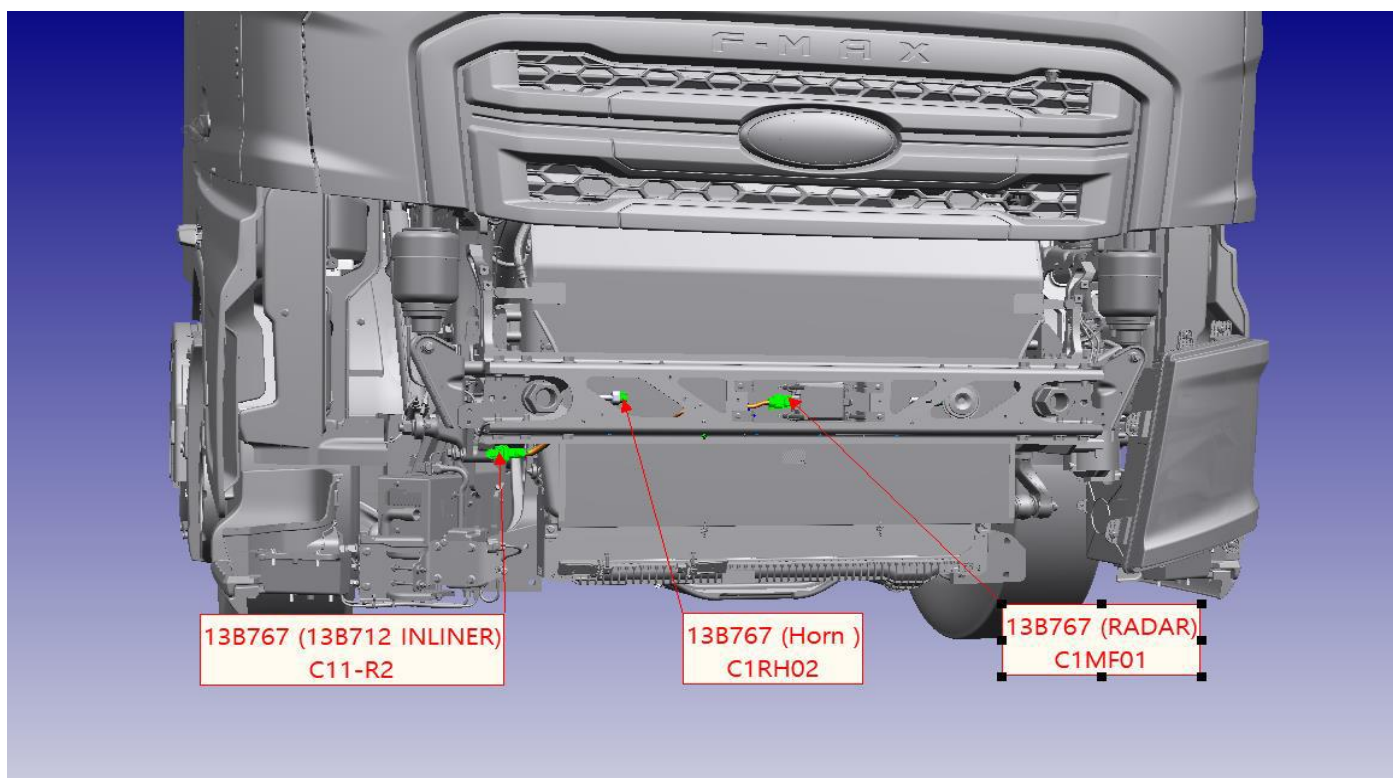
TRUCKS

13B767 Wiring :

C1H407 / C1RH02B Connectorler:

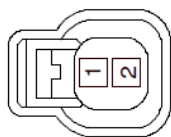


C11-R2 / C1RH02 / C1MF01 Connectors :

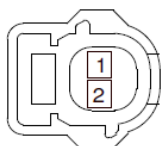


TRUCKS

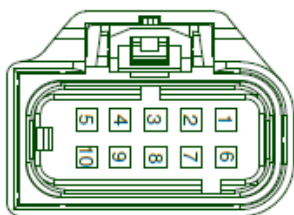
13B767➔ TPMS, Radar, OAT and Horn Wirings connector descriptions:



Connector Code	C1RH02	
Connector Description	HORN	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLUE/WHITE
2	0.75	BLACK/GREY



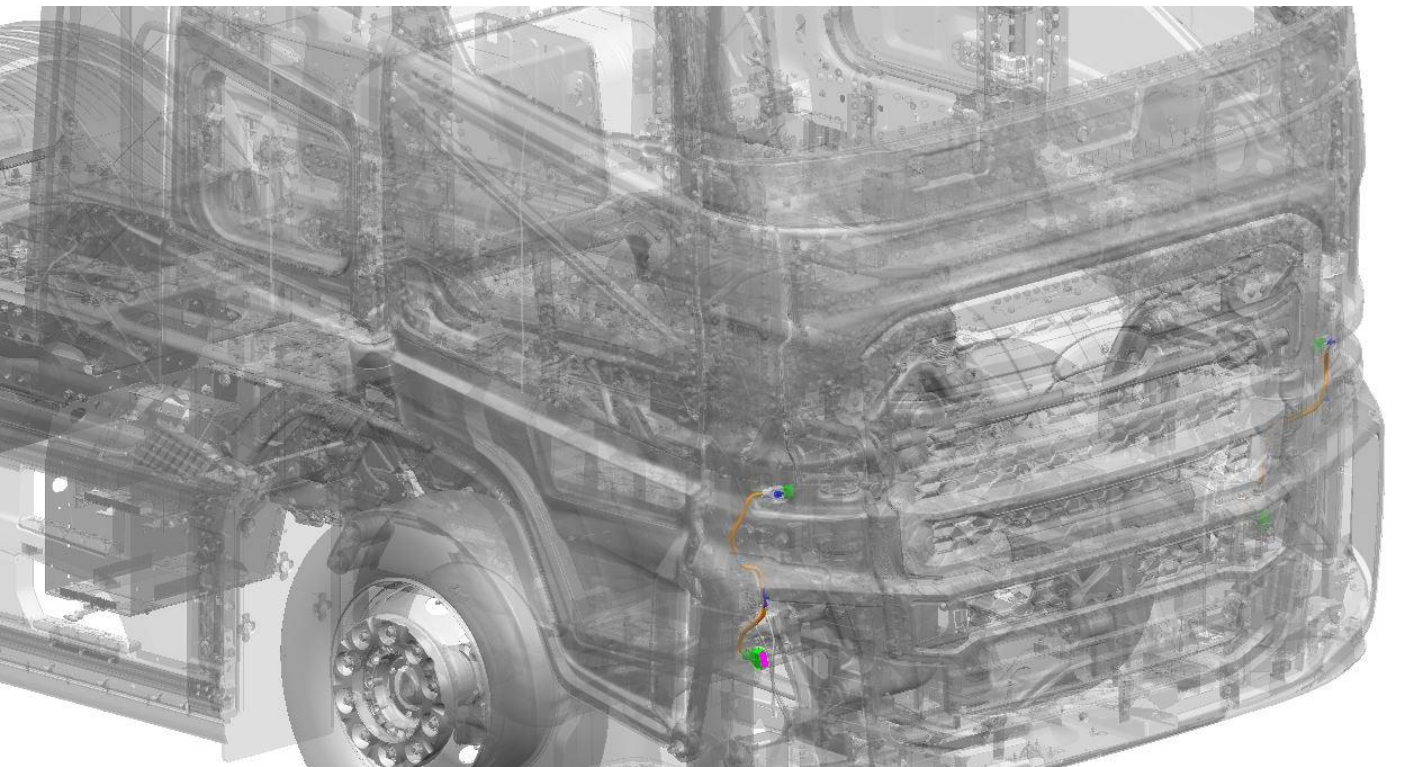
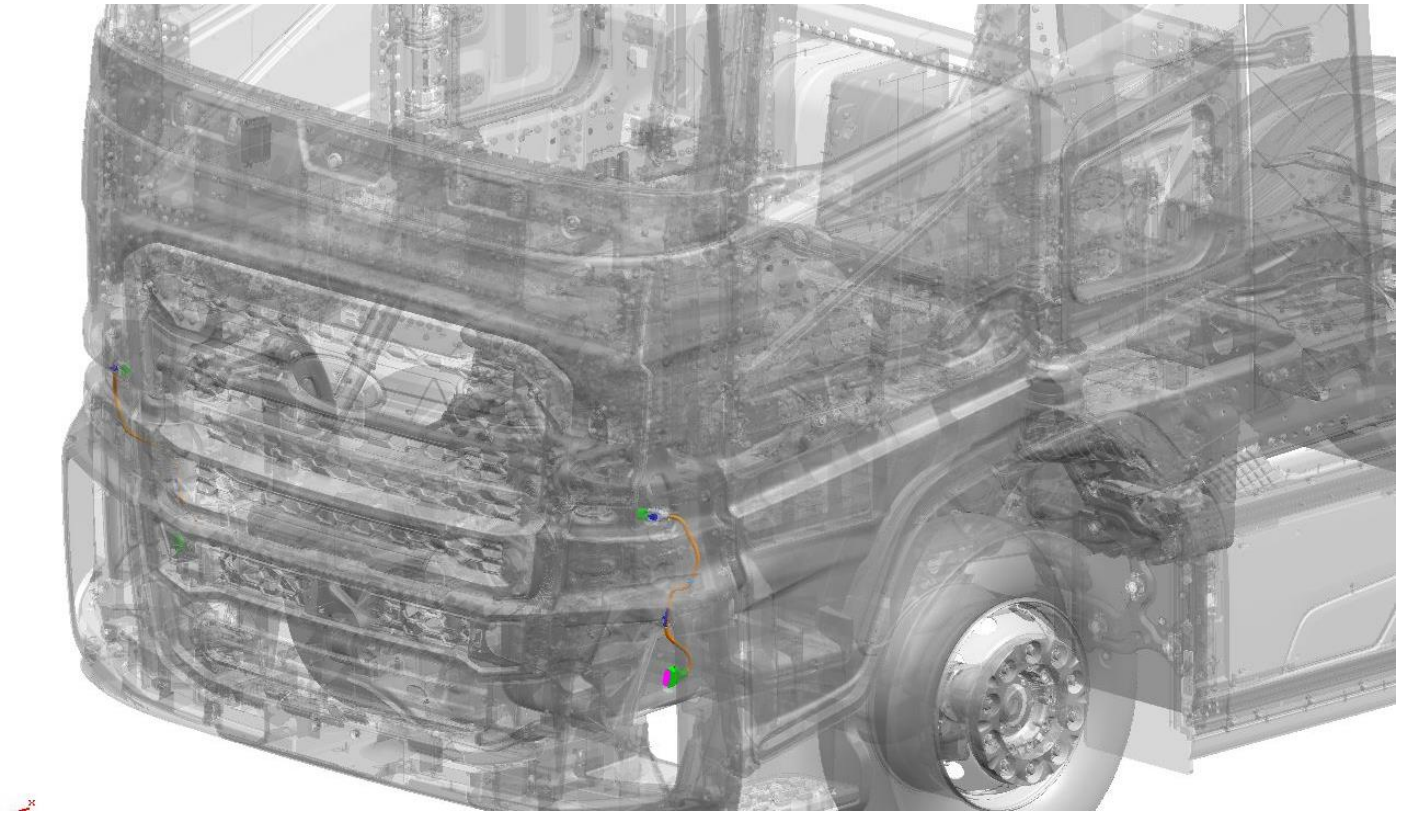
Connector Code	C1H407	
Connector Description	OUTSIDE TEMP SENSOR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	PURPLE/GREY
2	0.75	WHITE/BROWN

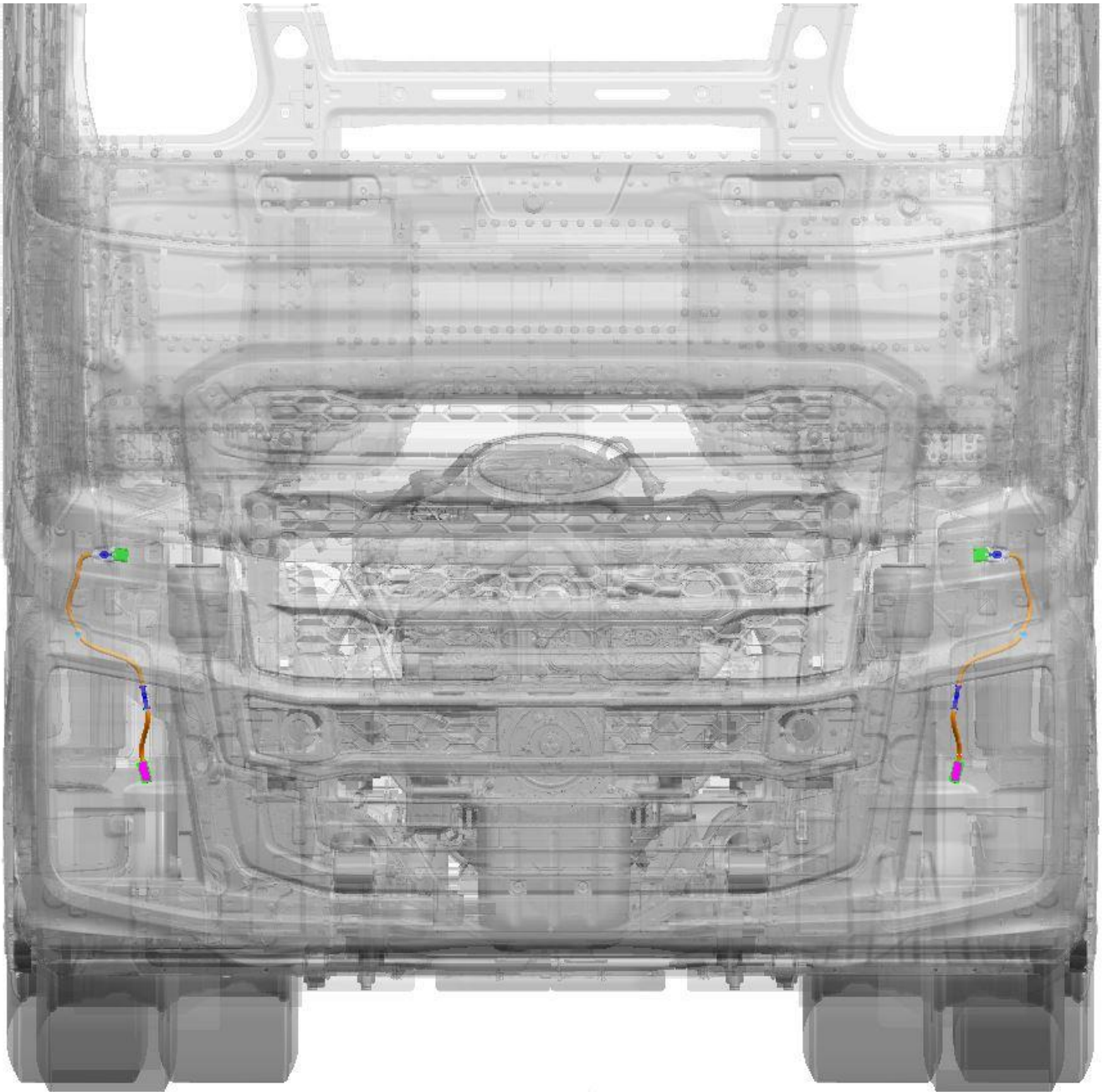


Connector Code	C1MF01	
Connector Description	RADAR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/ORANGE
2	0.75	BROWN/BLUE
5	0.75	BLACK/BLUE
6	0.75	GREY/BLUE
7	0.75	GREY/BLUE
8	0.75	WHITE/BROWN

TRUCKS

13N052 → Bumber wiring

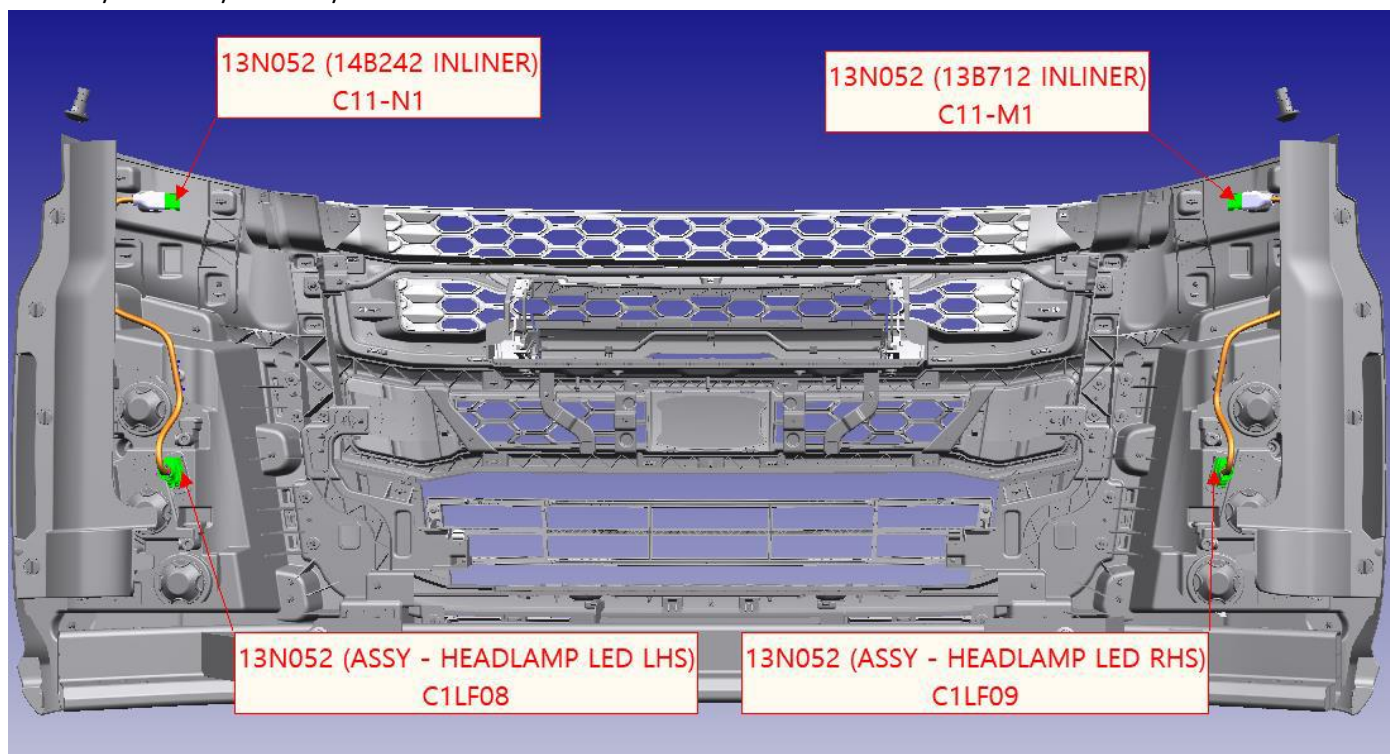




TRUCKS

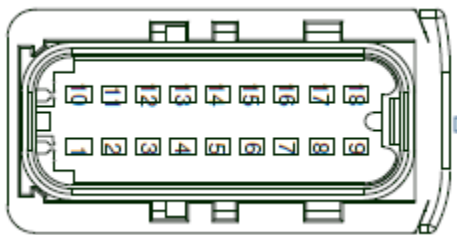
13N052 Wiring :

C11-N1 / C11-M1 / C1LF08 / C1LF09 Connectors :



TRUCKS

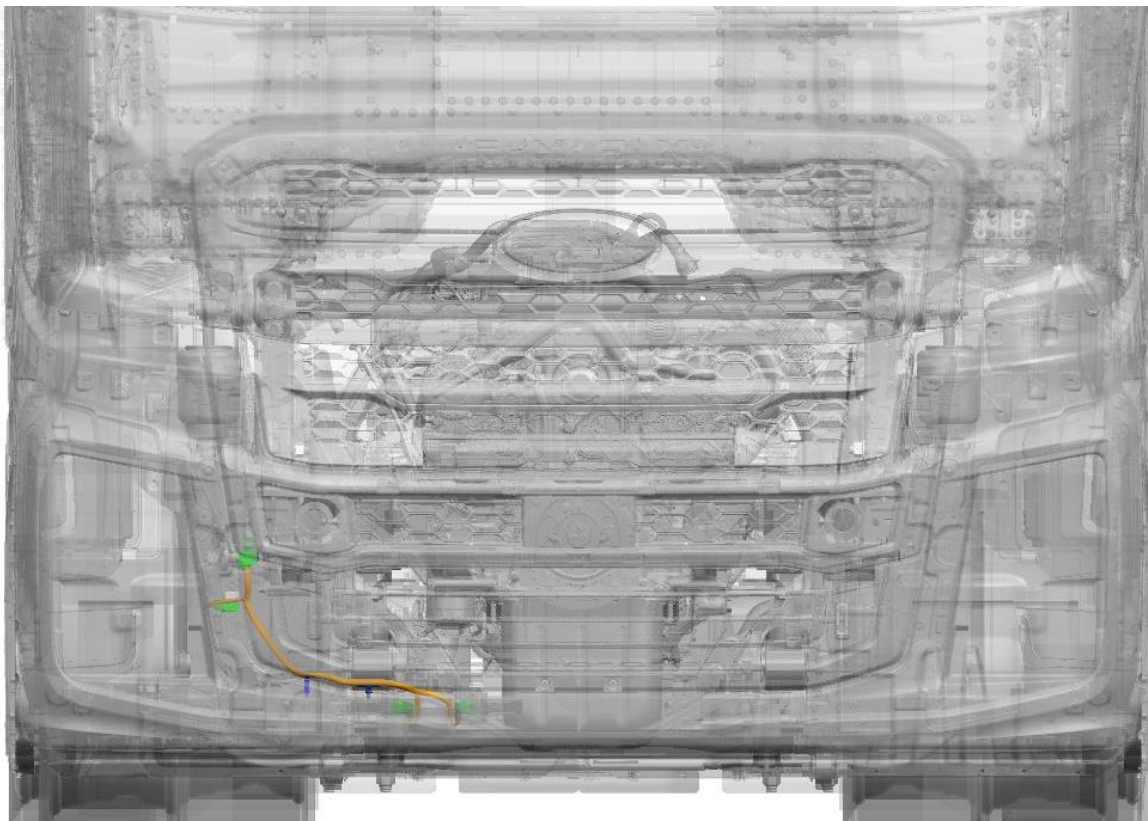
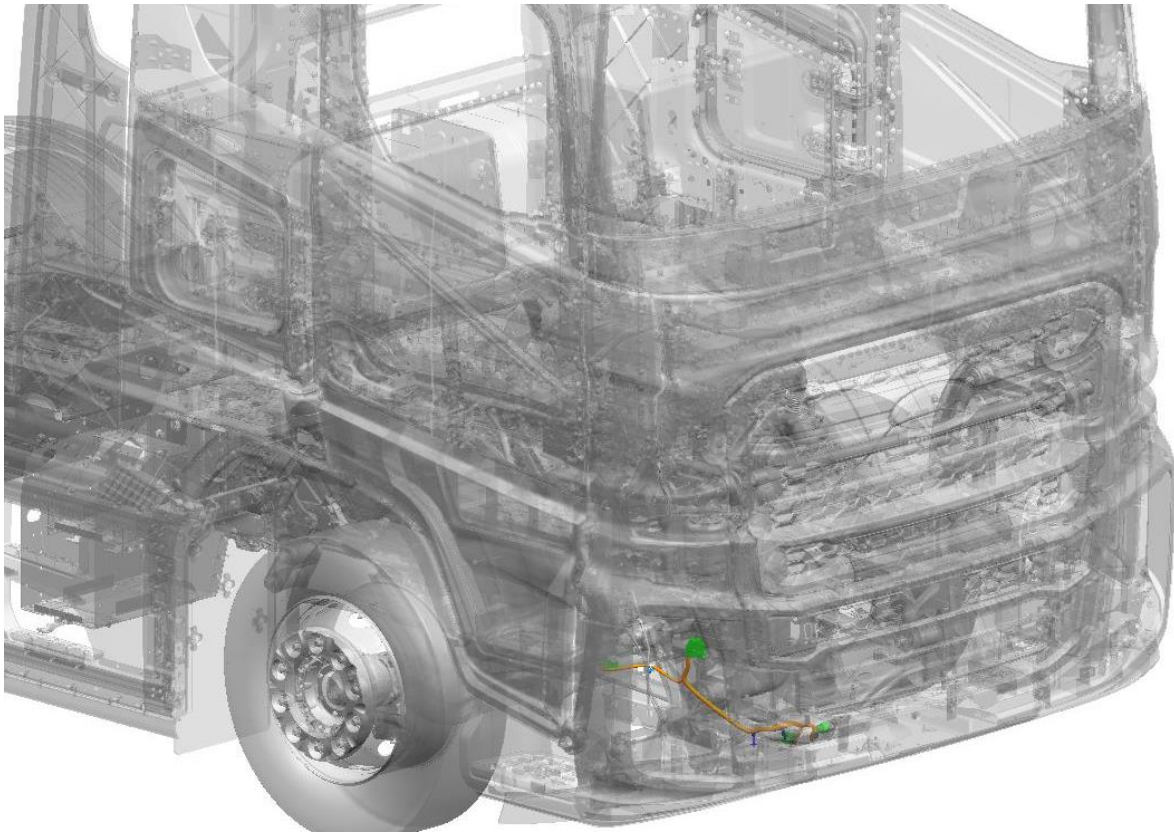
13N052 → Roof wiring connector descriptions:



Connector Code	C1LF09	
Connector Description	HEADLAMP	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLUE/WHITE
2	0.75	GREY/BLUE
3	0.75	BLACK/PURPLE
4	0.75	PURPLE/ORANGE
5	0.75	BLACK/PURPLE
6	0.75	BLUE/GREEN
7	0.75	BLACK/PURPLE
8	0.75	BROWN/GREEN
9	0.75	BLACK/PURPLE
10	0.75	GREY/YELLOW
11	0.75	BLACK/PURPLE
12	0.75	GREY/BROWN
13	0.75	BLUE/GREEN
14	0.75	BLACK/PURPLE

TRUCKS

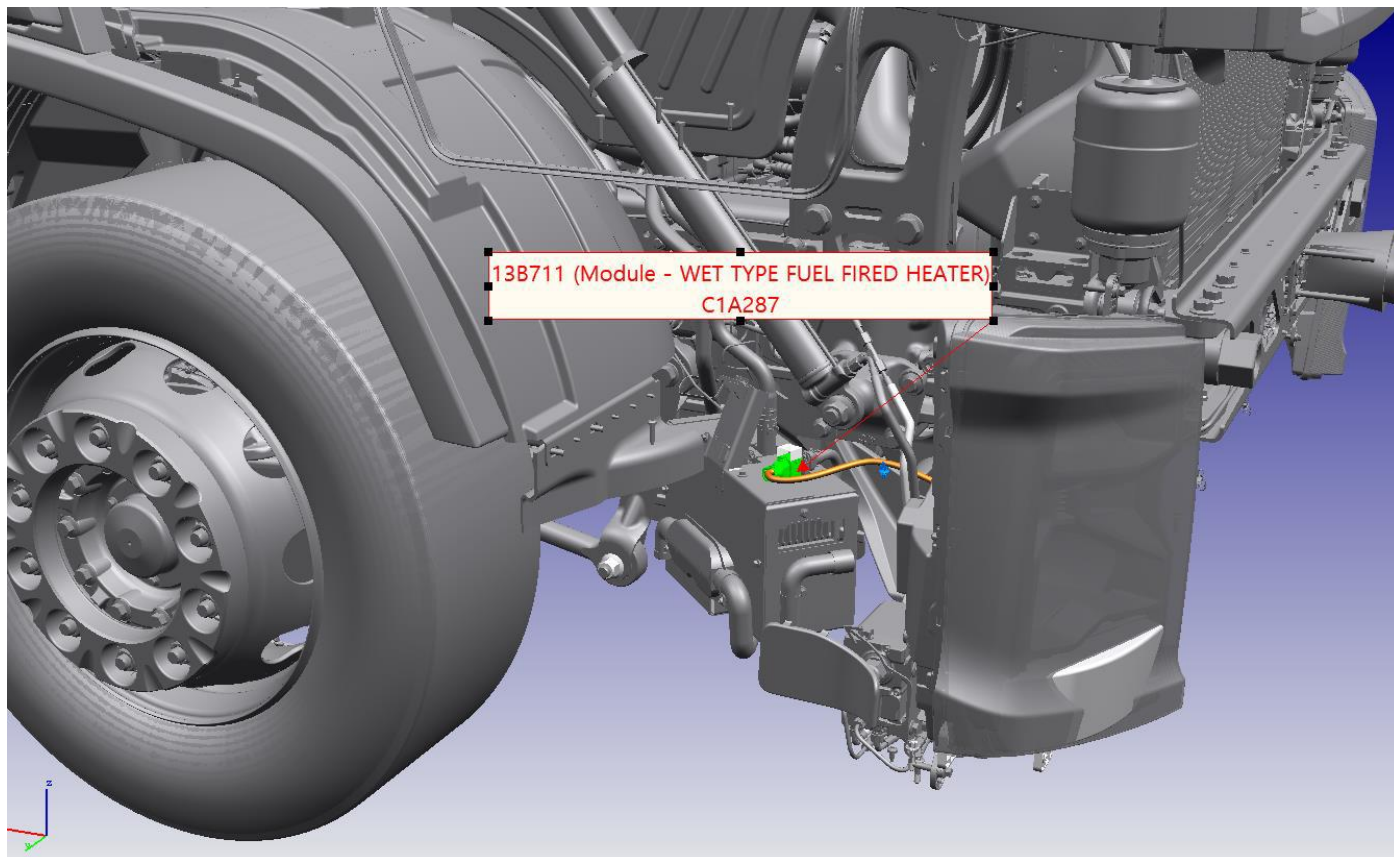
13B711 → Cab lift, wet type webasto wiring



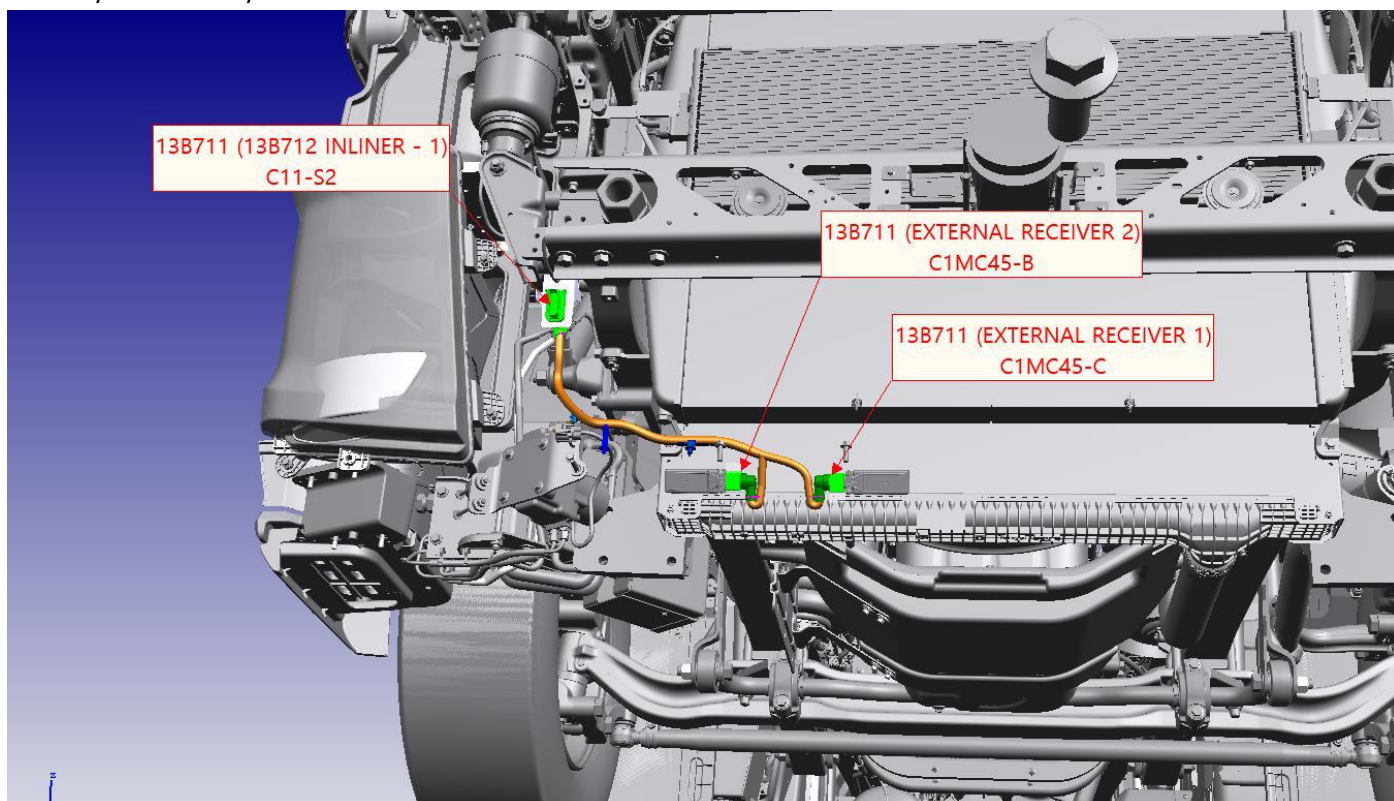
TRUCKS

13B711 Wiring:

C1A287 Connector:

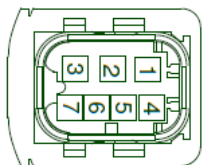


C11-S2 / C1MC45-B / C1MC45-C Connectors:

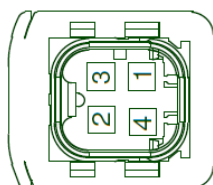


TRUCKS

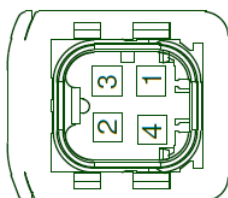
13B711 → Cab lift, wet type webasto wiring connector descriptions:



Connector Code	C1A287	
Connector Description	WET TYPE HEATER MODULE	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/ORANGE
2	2.5	BLACK/GREY
3	2.5	BLUE/RED
4	0.75	BROWN/PURPLE
5	0.75	ORANGE/BLUE



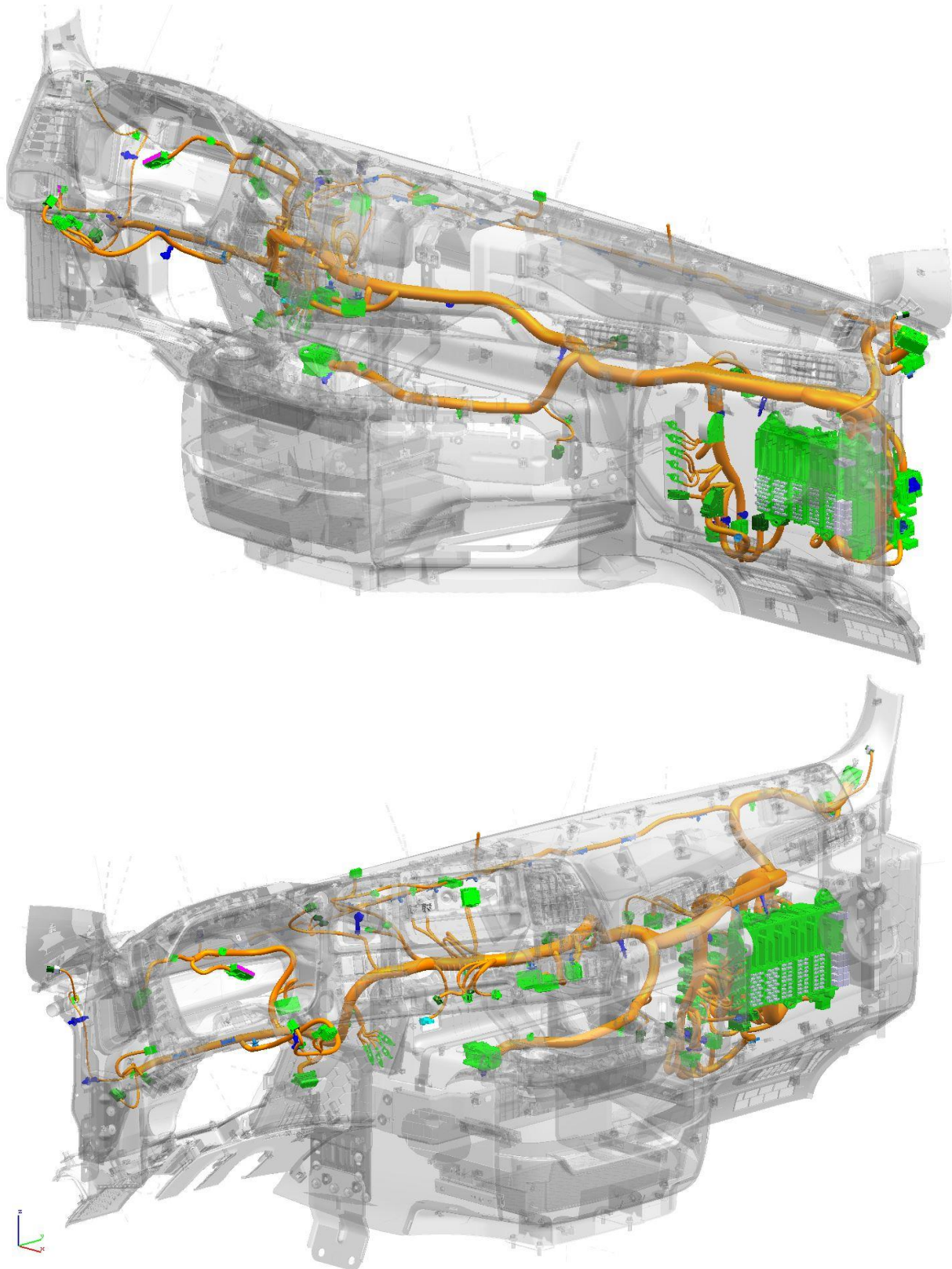
Connector Code	C1MC45-B	
Connector Description	TPMS RECEIVER-2	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BROWN/WHITE
2	0.75	ORANGE/GREY
3	0.75	BLUE/BROWN
4	0.75	ORANGE/BLACK

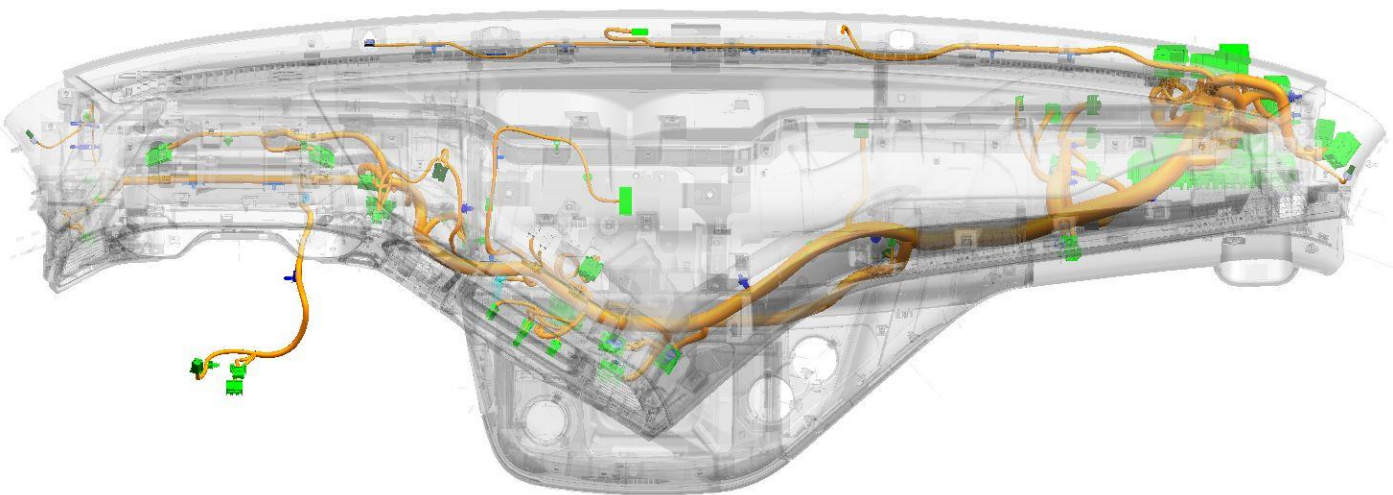
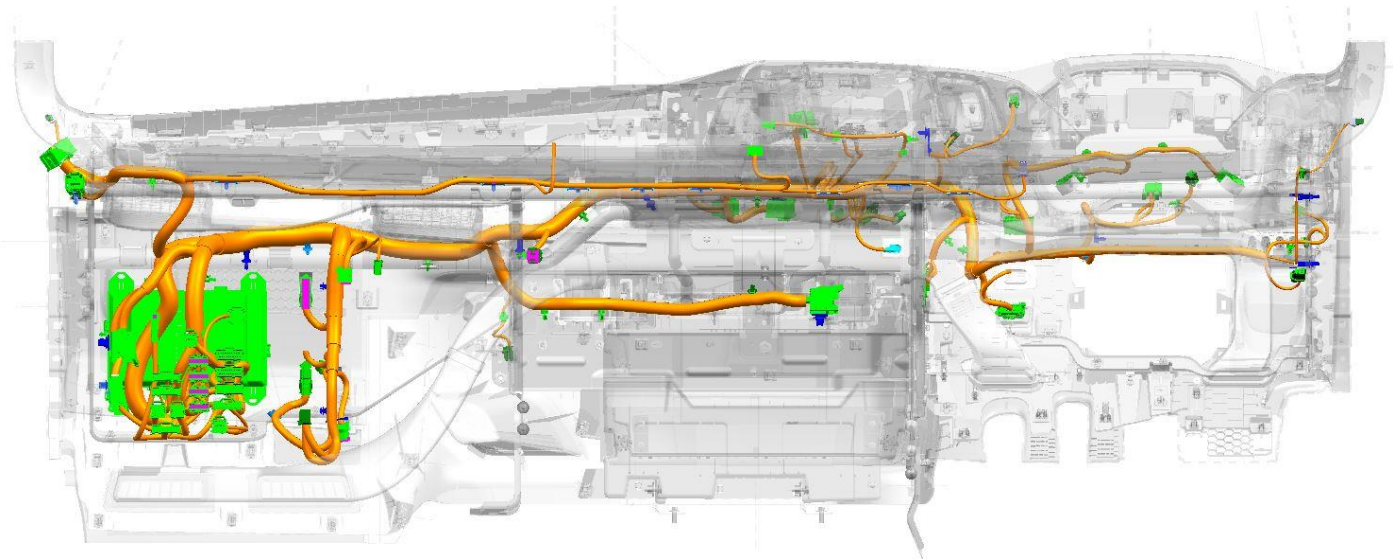
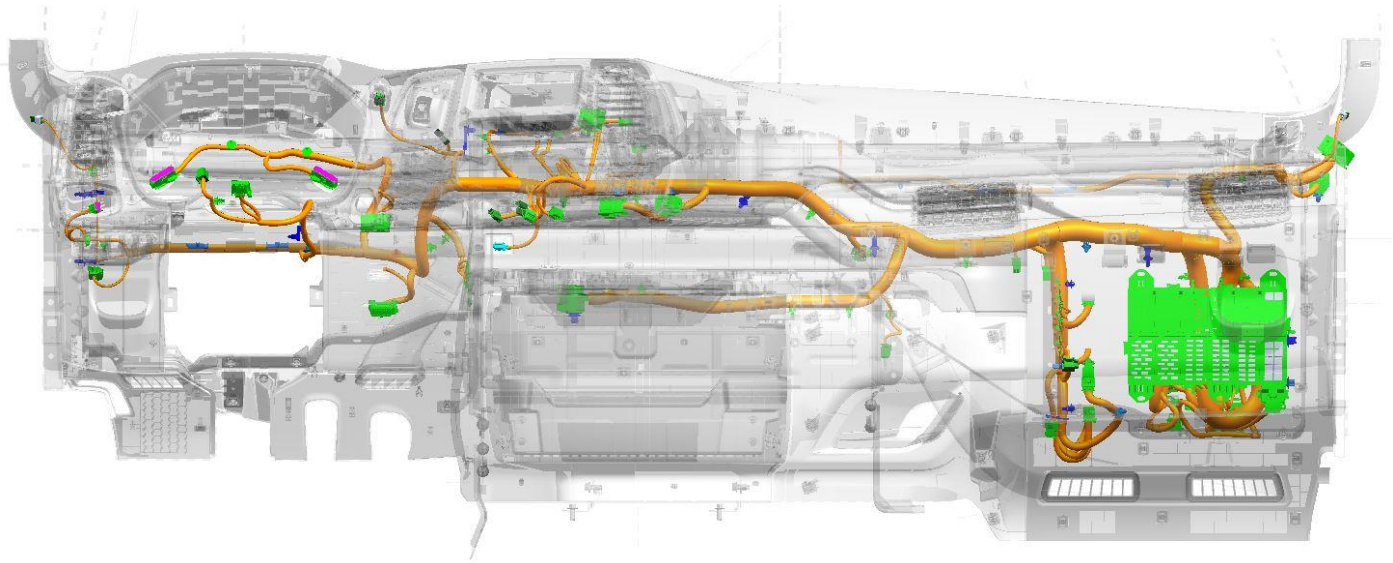


Connector Code	C1MC45-C	
Connector Description	TPMS RECEIVER-1	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	YELLOW
2	0.75	ORANGE/YELLOW
3	0.75	PURPLE/BROWN
4	0.75	ORANGE

TRUCKS

14401 → Cab internal console wiring

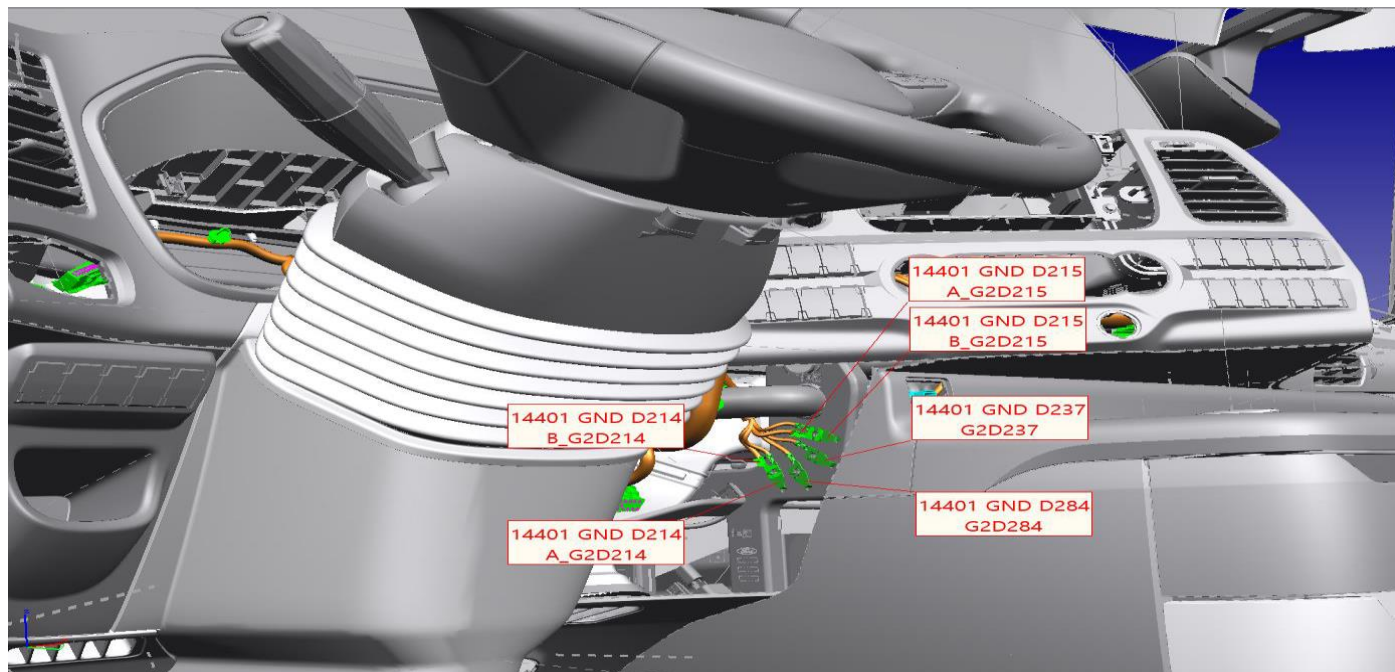




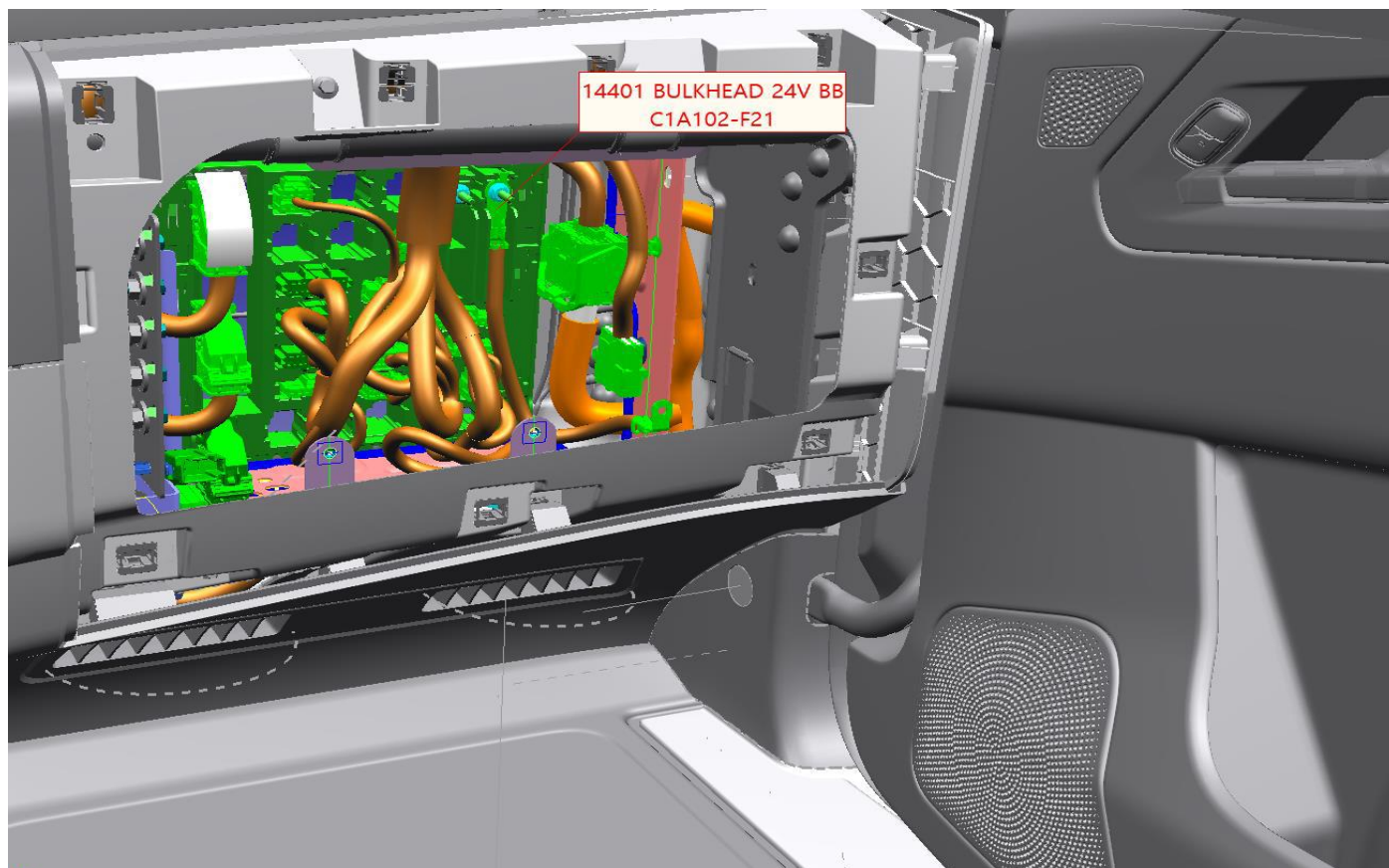
TRUCKS

14401 Wiring:

A-G2D215 / B-G2D215 / G2D237 / G2D284 / A-G2D214_B-G2D214 Connectors:

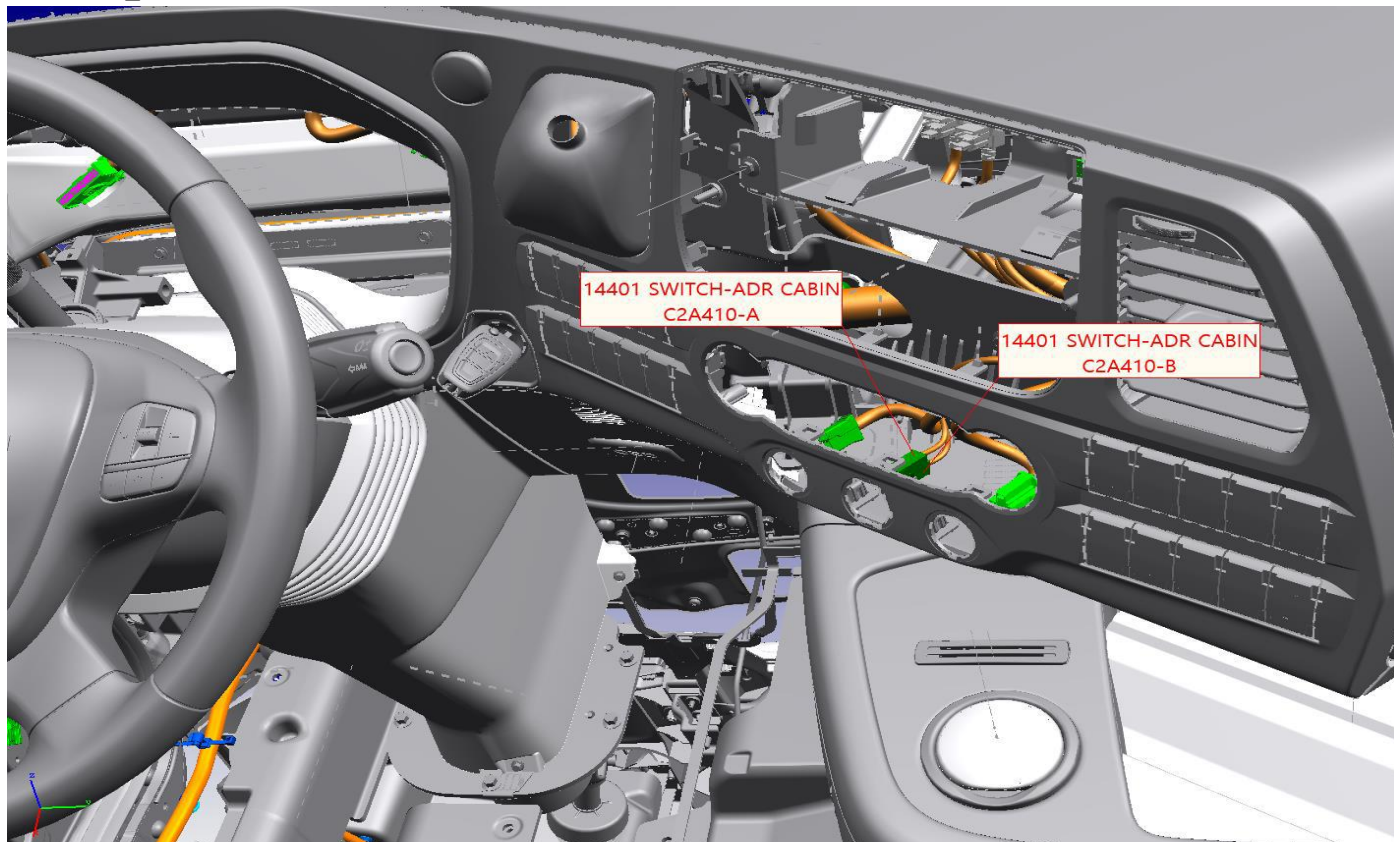


C1A102-F21 Connector:



TRUCKS

C2A410-A_C2A410-B Connectors:

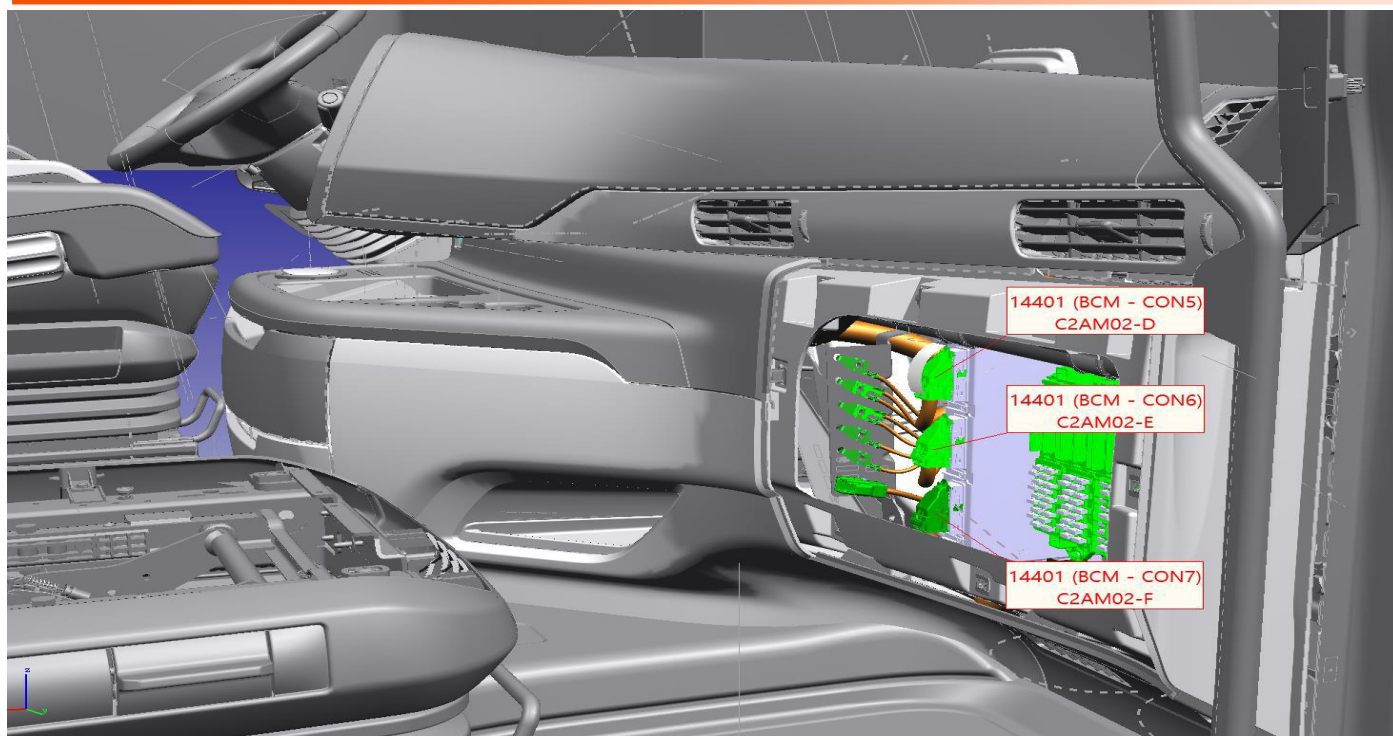


C2AM02-A / 2AM02-B / C2AM02-C Connectors:

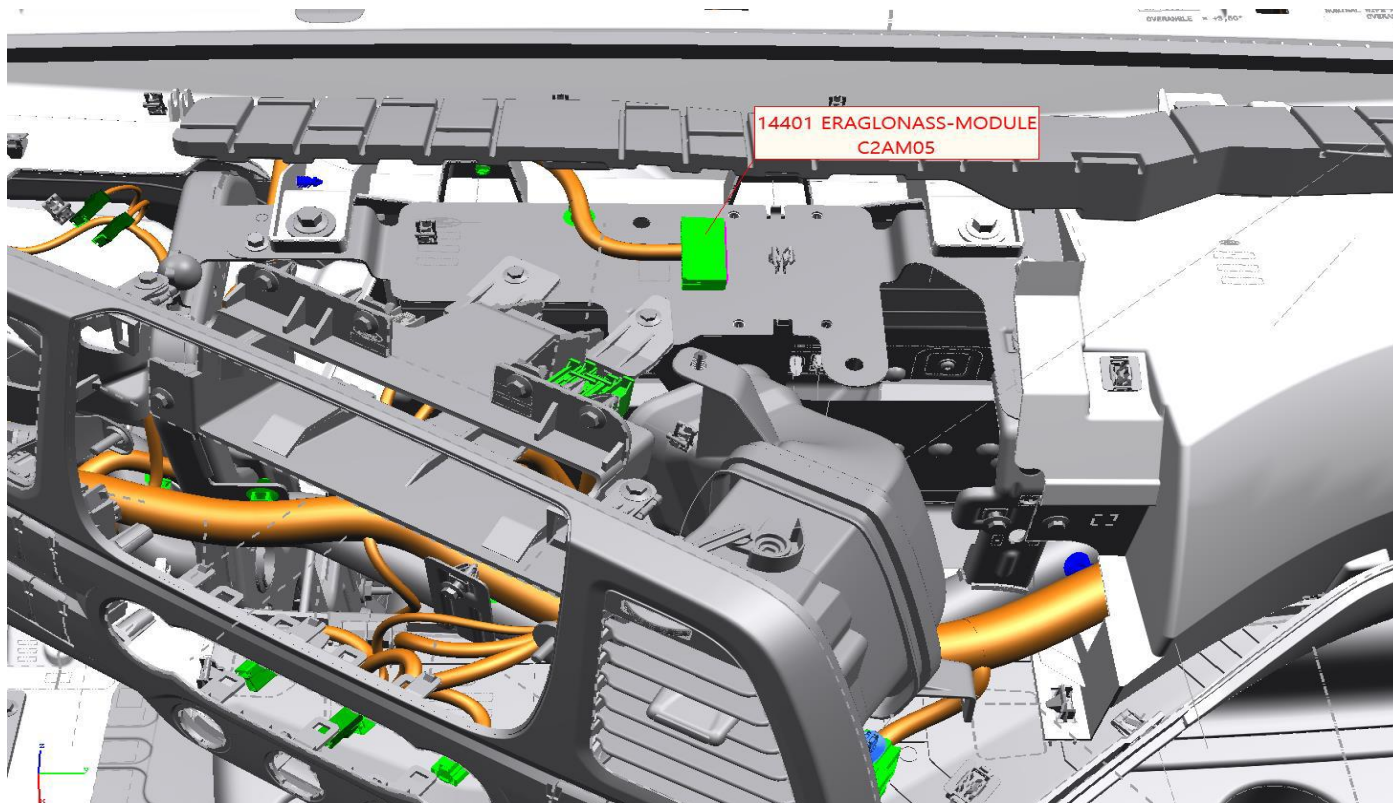


C2AM02-D / C2AM02-E / C2AM02-F Connectors:

TRUCKS

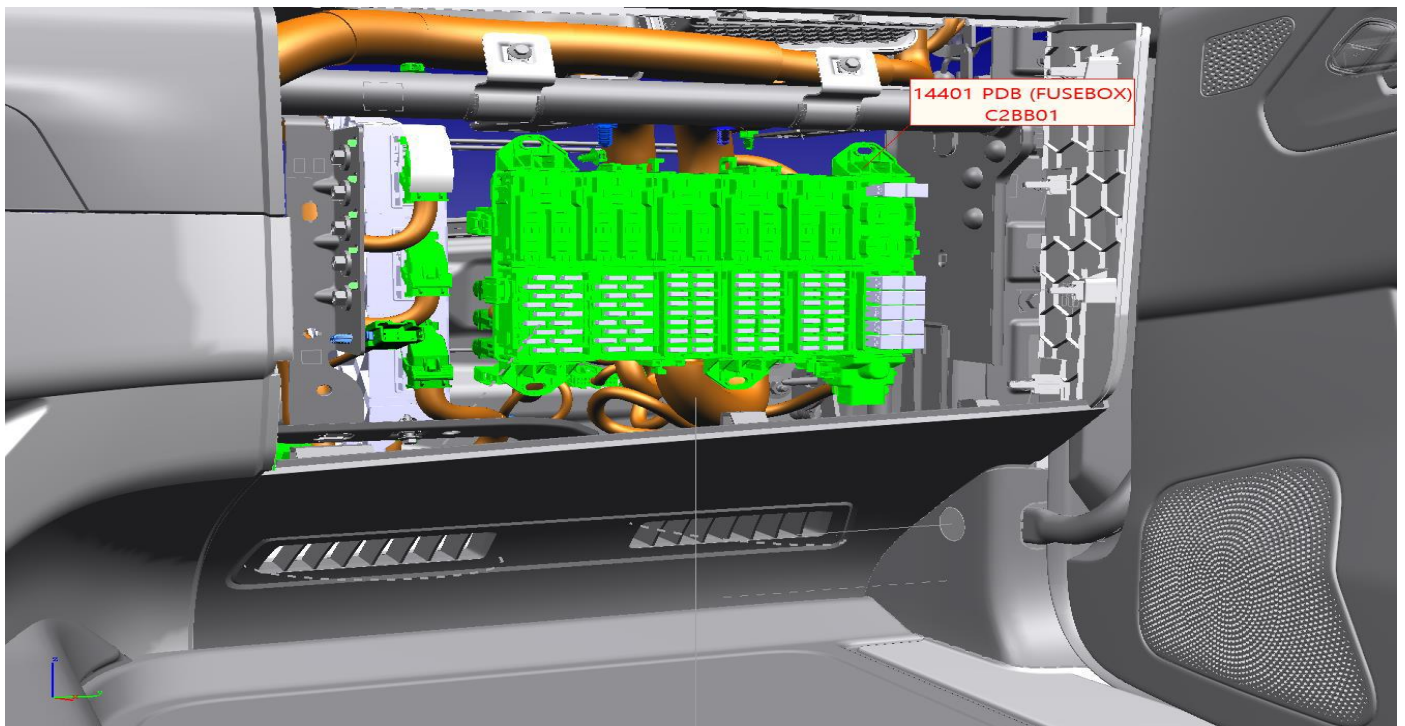


C2AM05 Connector:

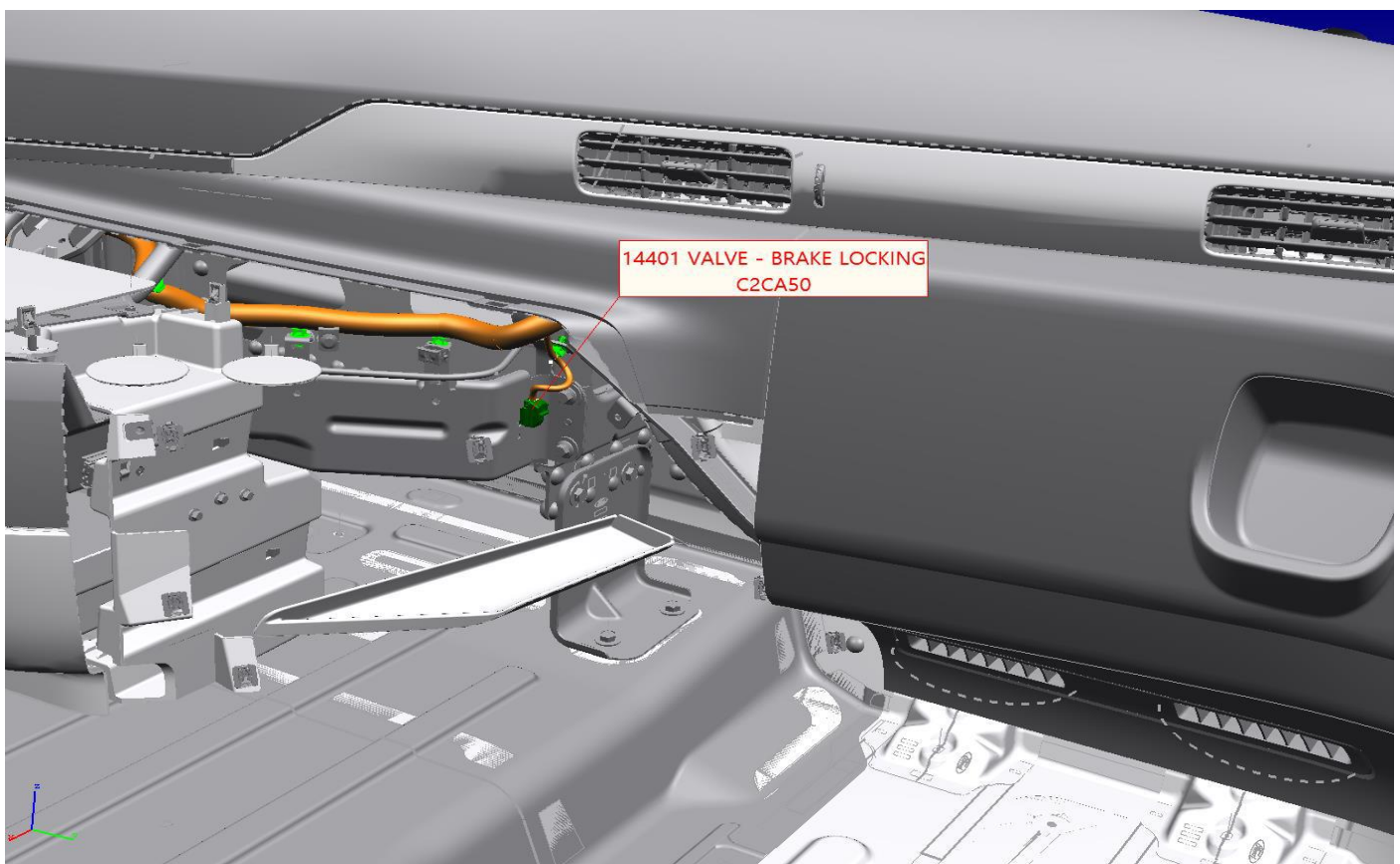


TRUCKS

C2BB01 Connector:

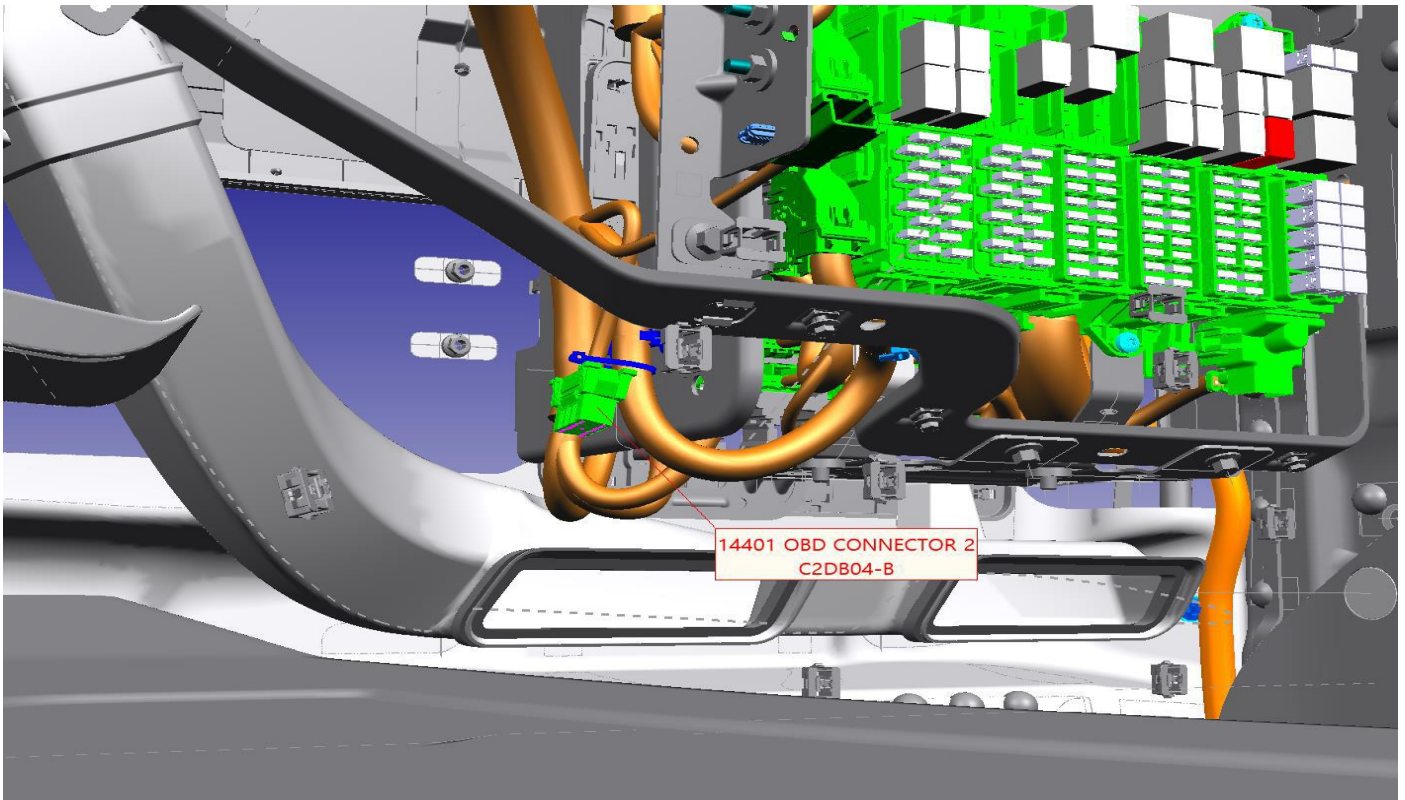


C2CA50 Connector:

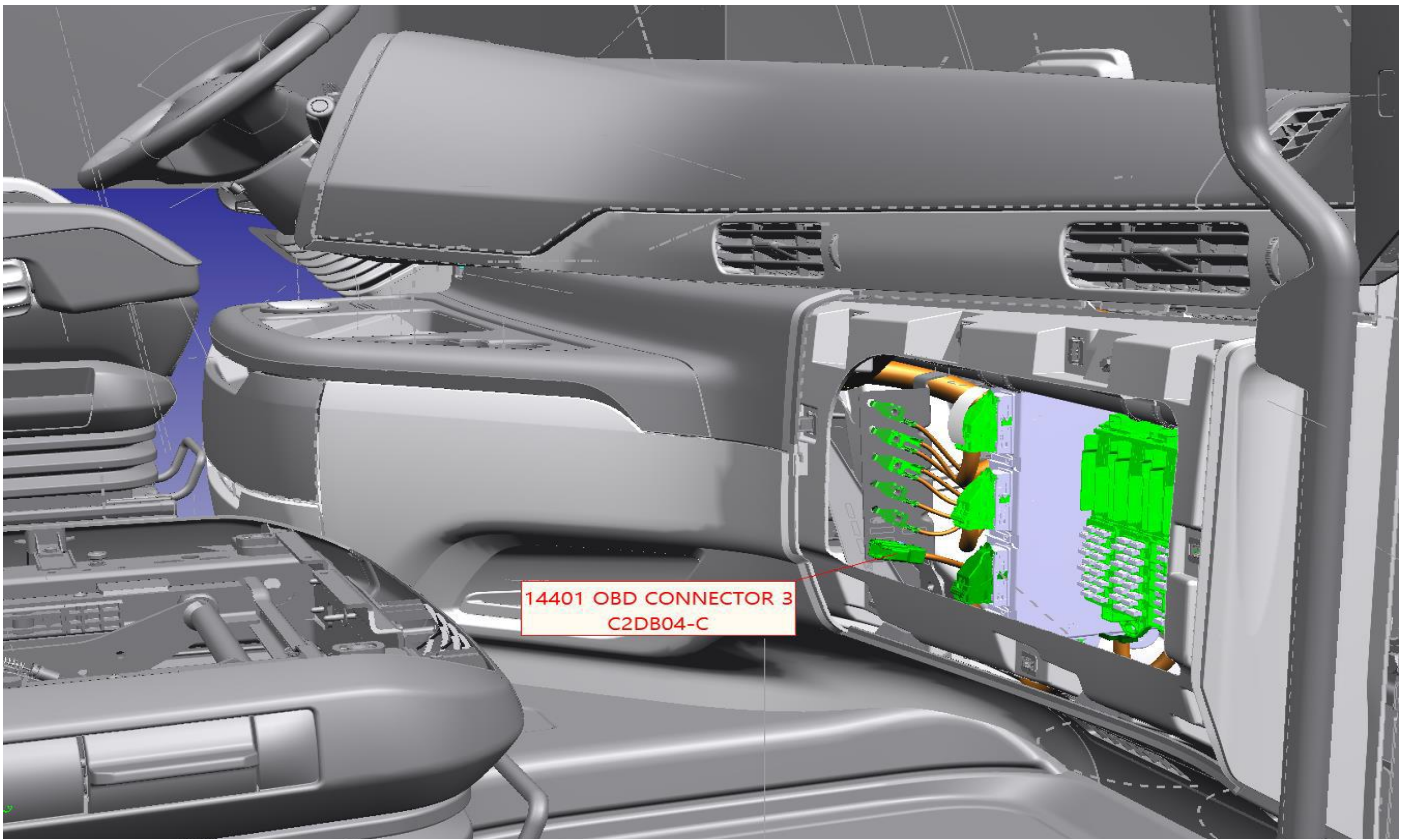


TRUCKS

C2DB04-B Connector:

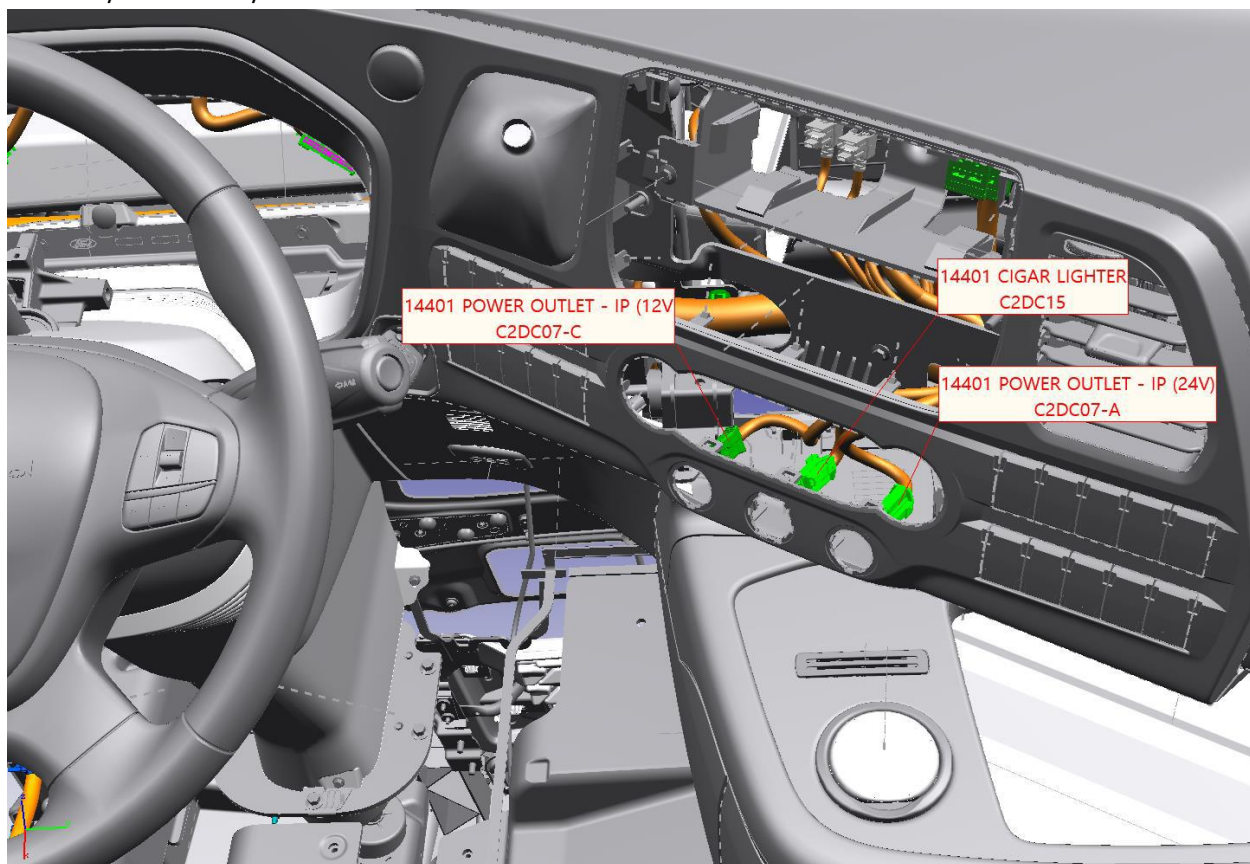


C2DB04-C Connector:

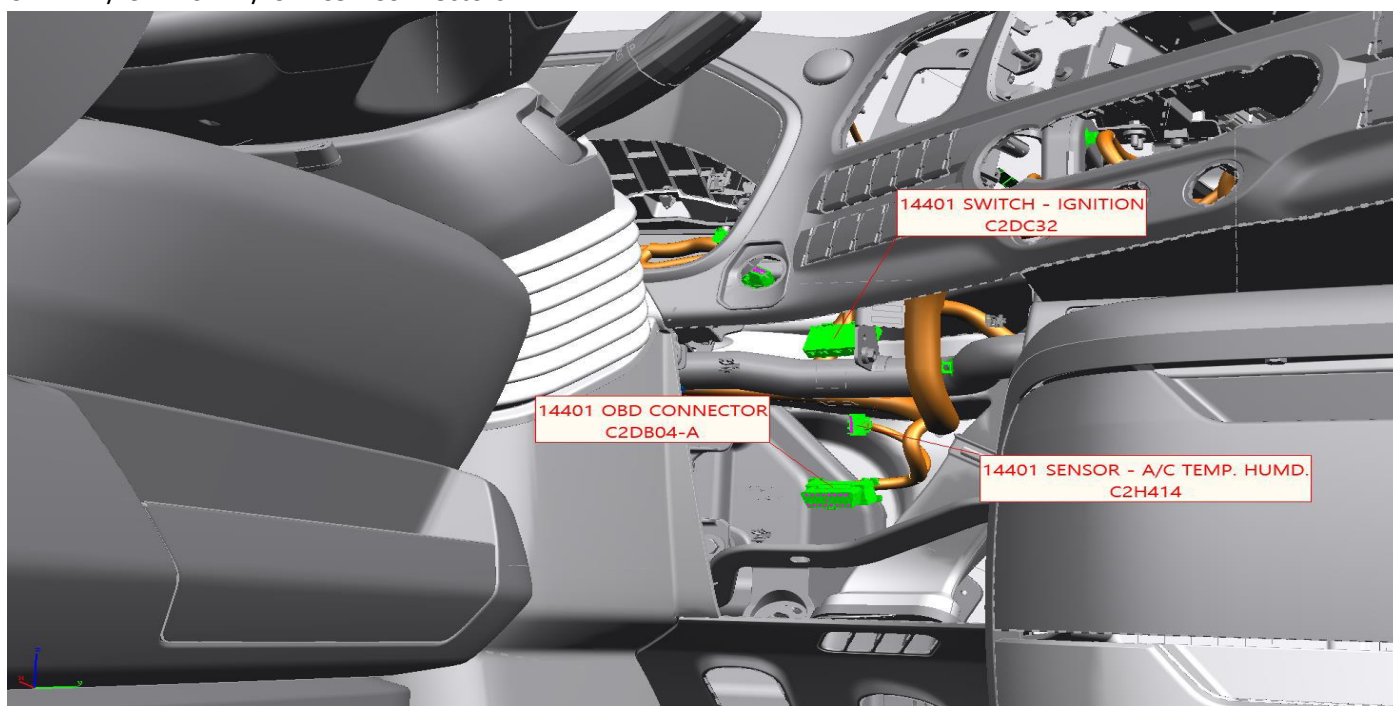


TRUCKS

C2DC15 / C2DC07-A / C2DC07-C Connectors:

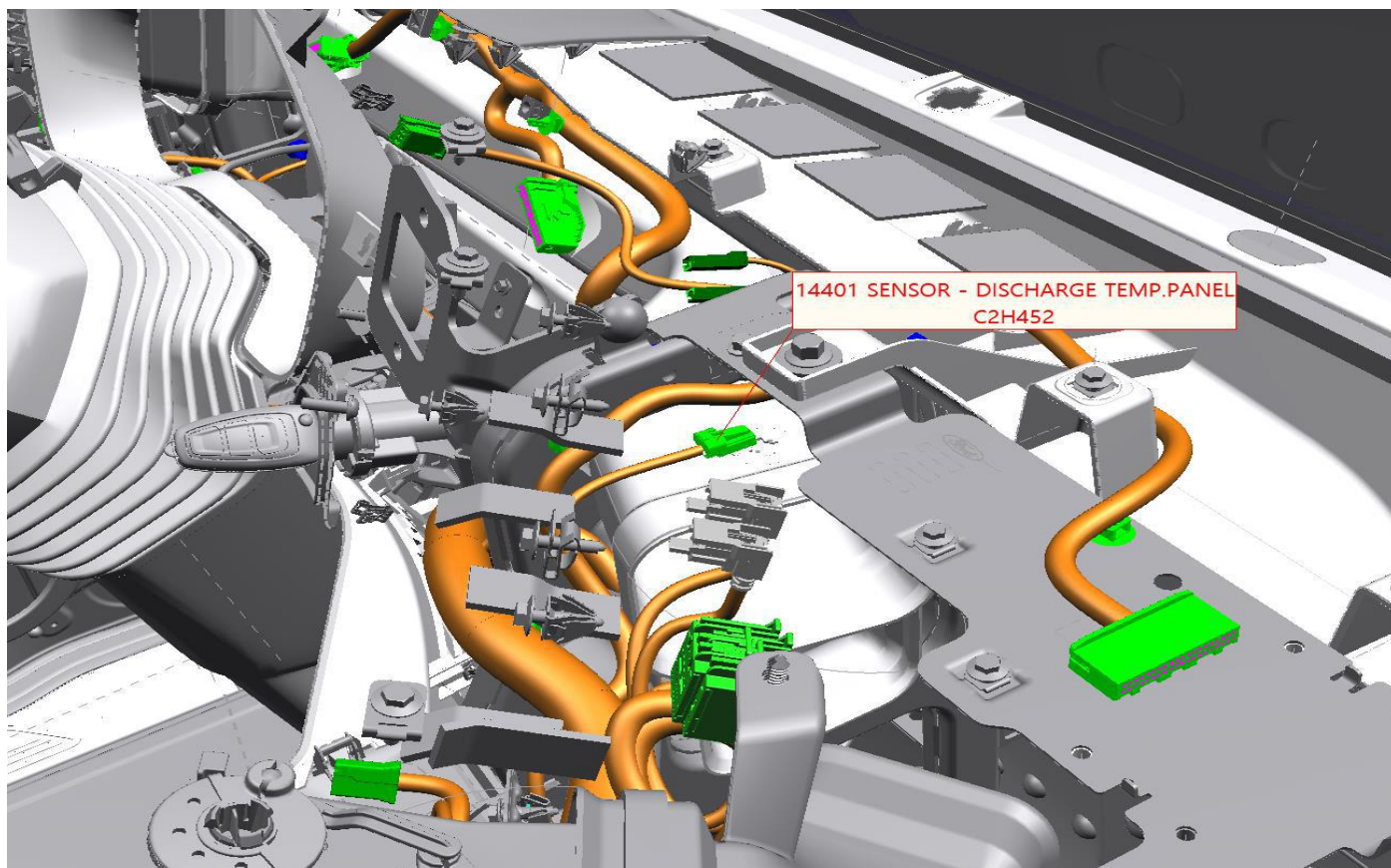


C2H414 / C2DB04-A / C2DC32 Connectors:

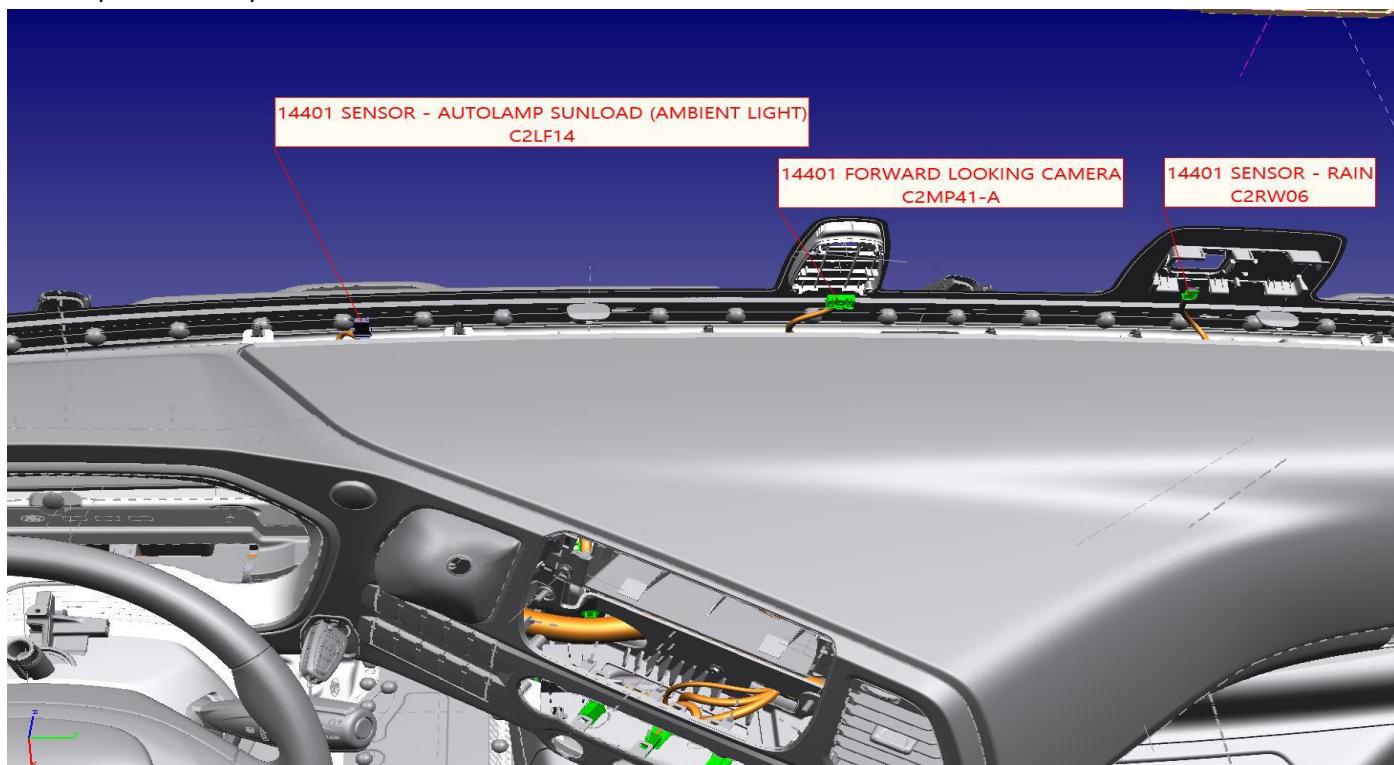


TRUCKS

C2H452 Connector:

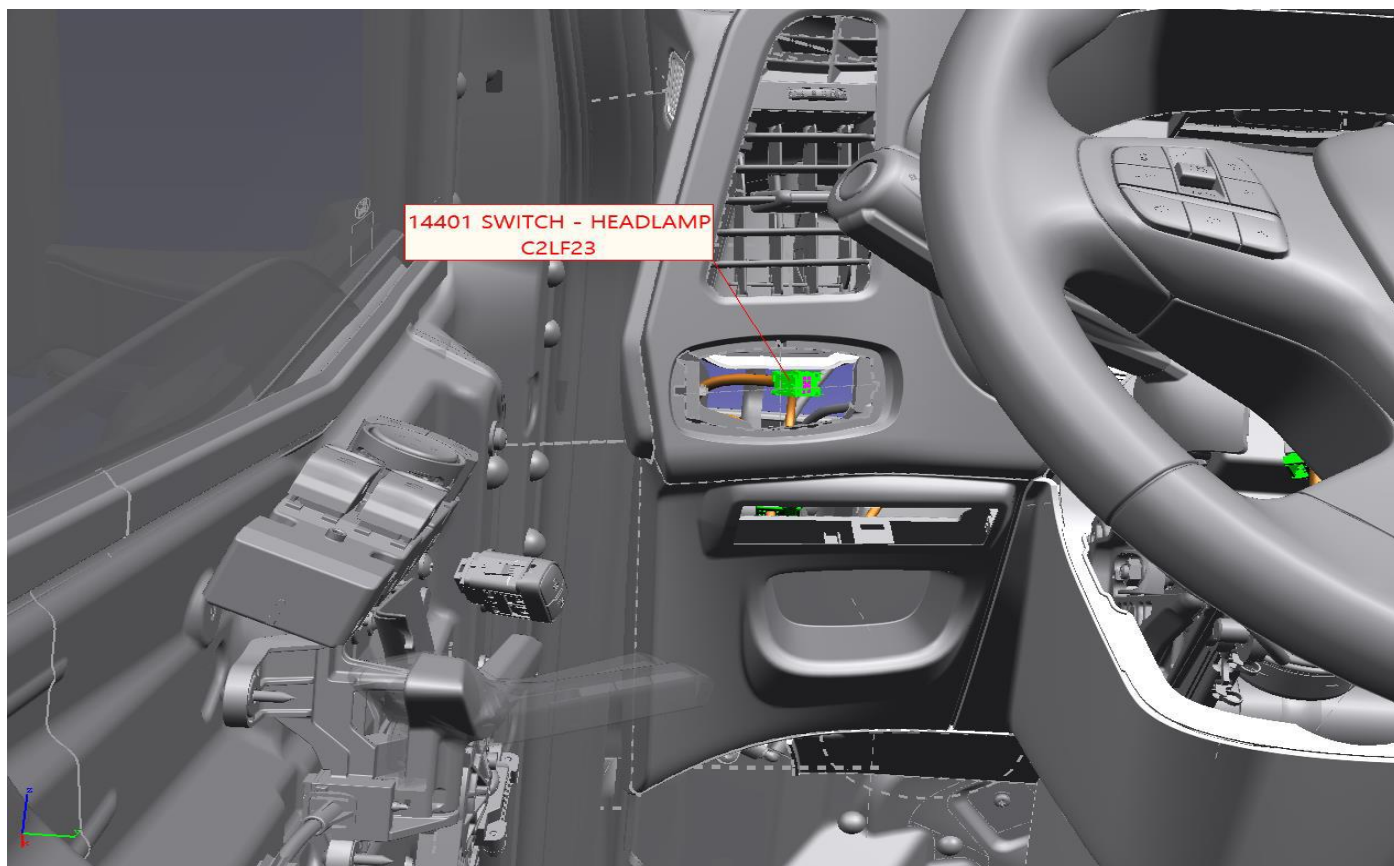


C2LF14 / C2MP41-A / C2RW06 Connectors:

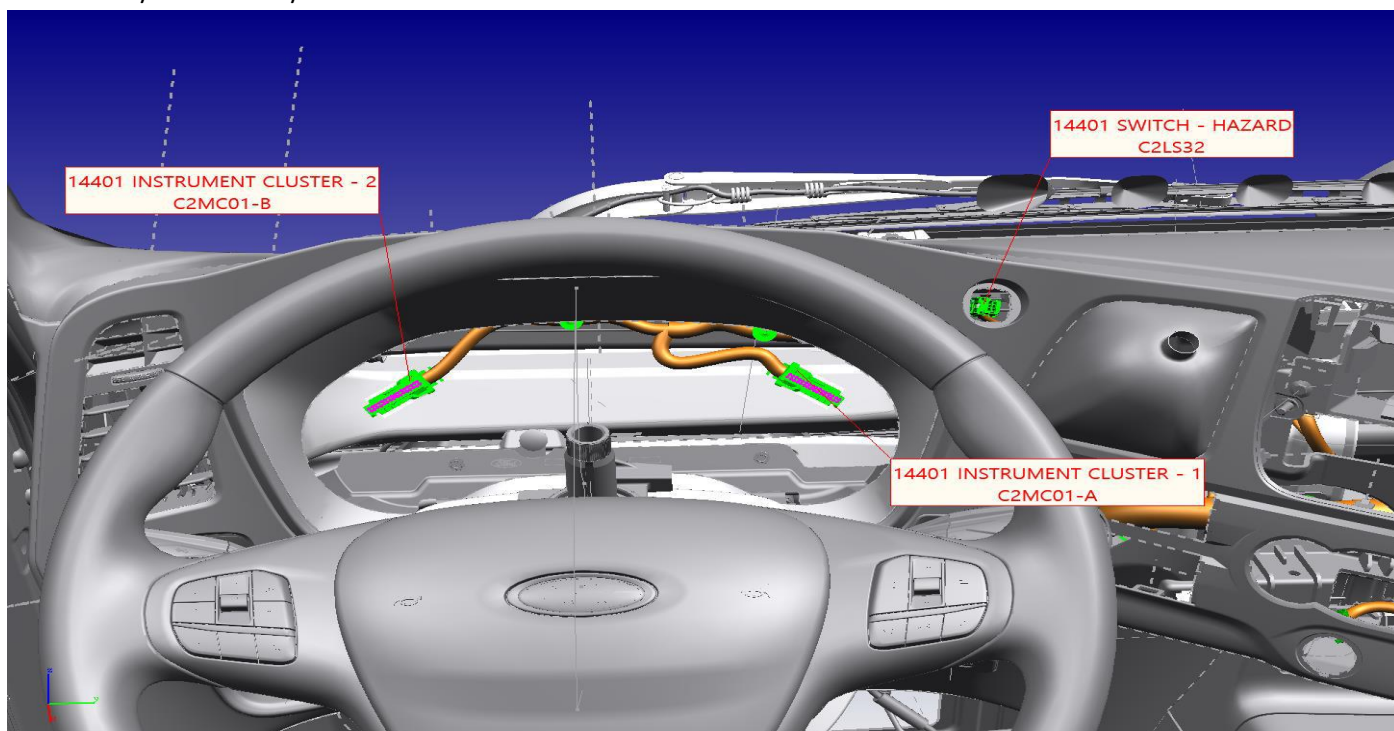


TRUCKS

C2LF23 Connector:

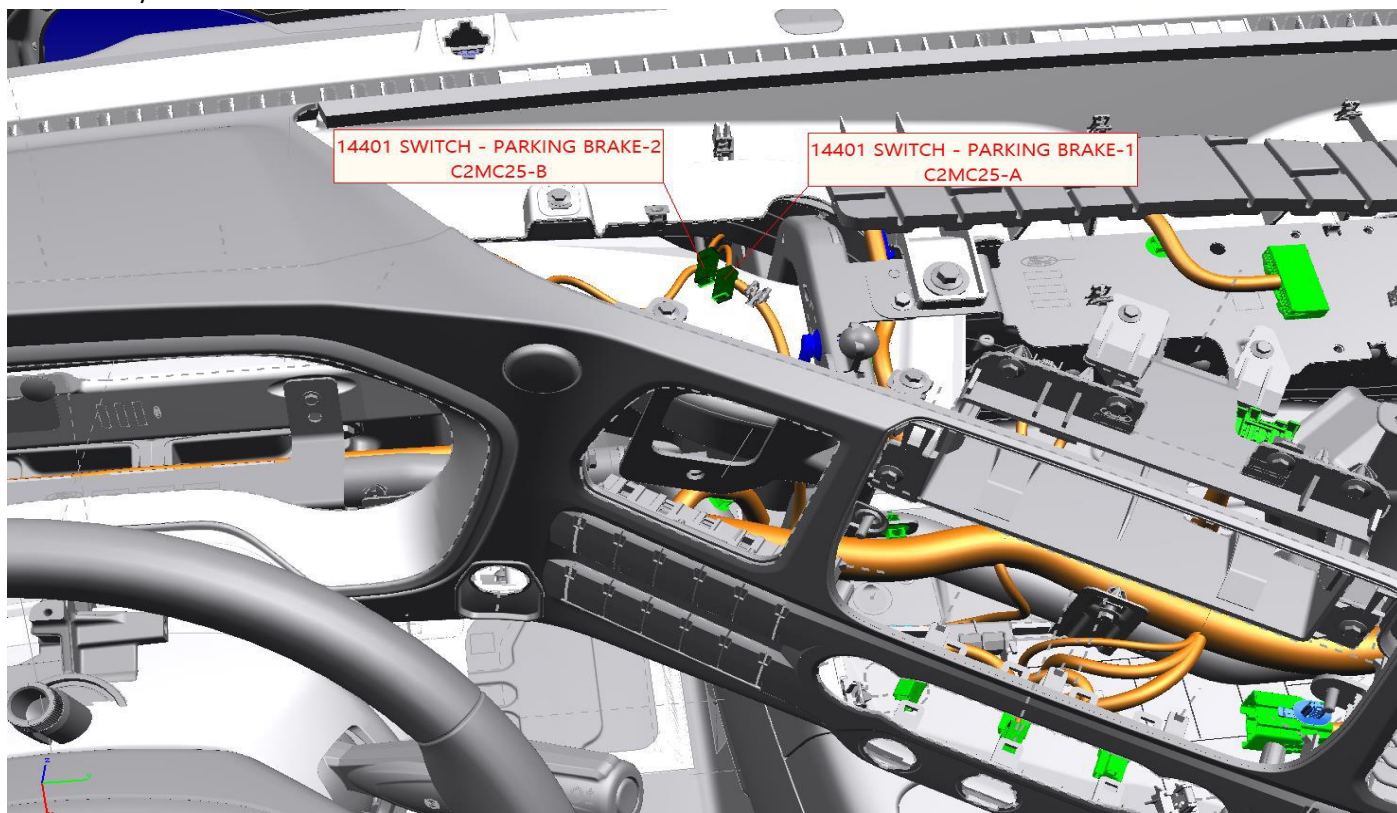


C2MC01-A / C2MC01-B / C2LS32 Connectors:

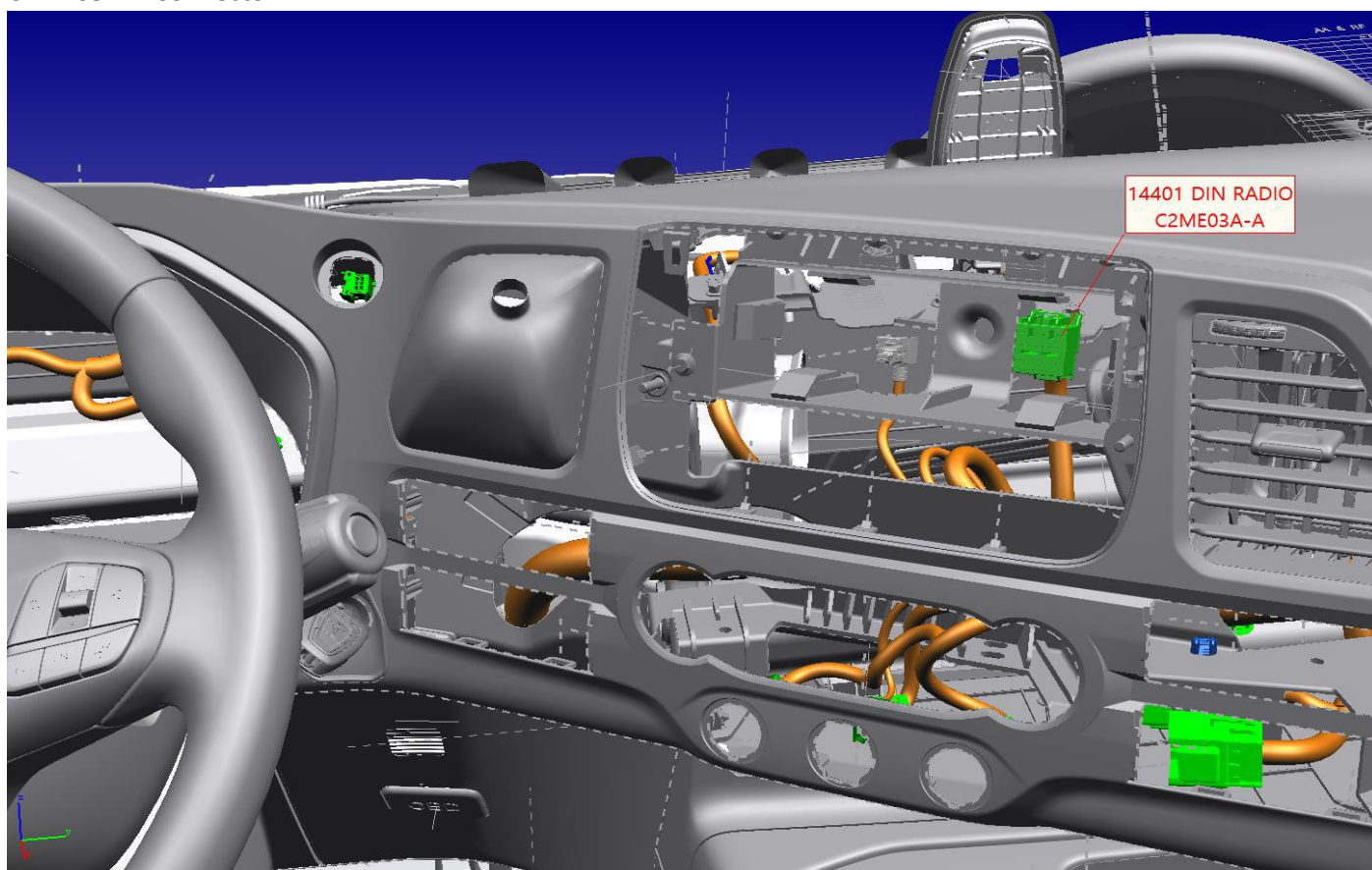


TRUCKS

C2MC25-A / C2MC25-B Connectors:

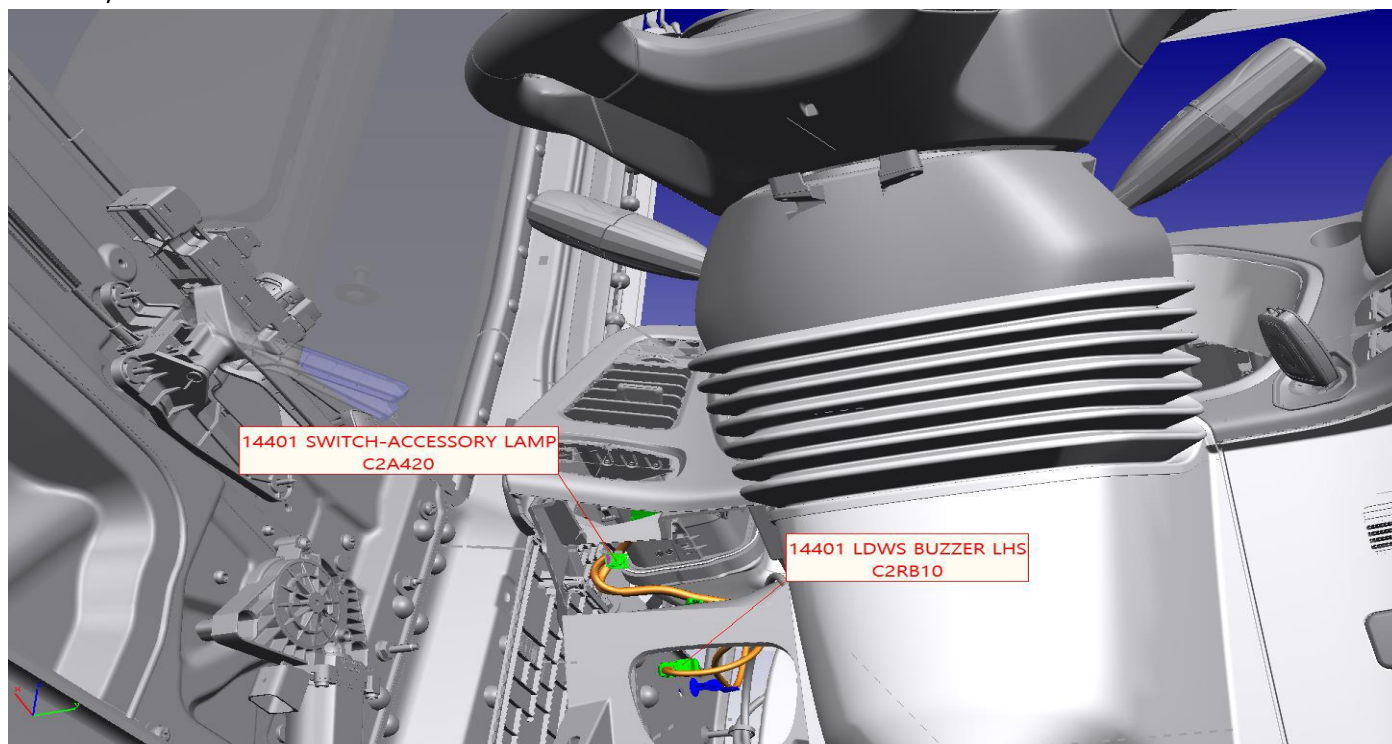


C2ME03A-A Connector:

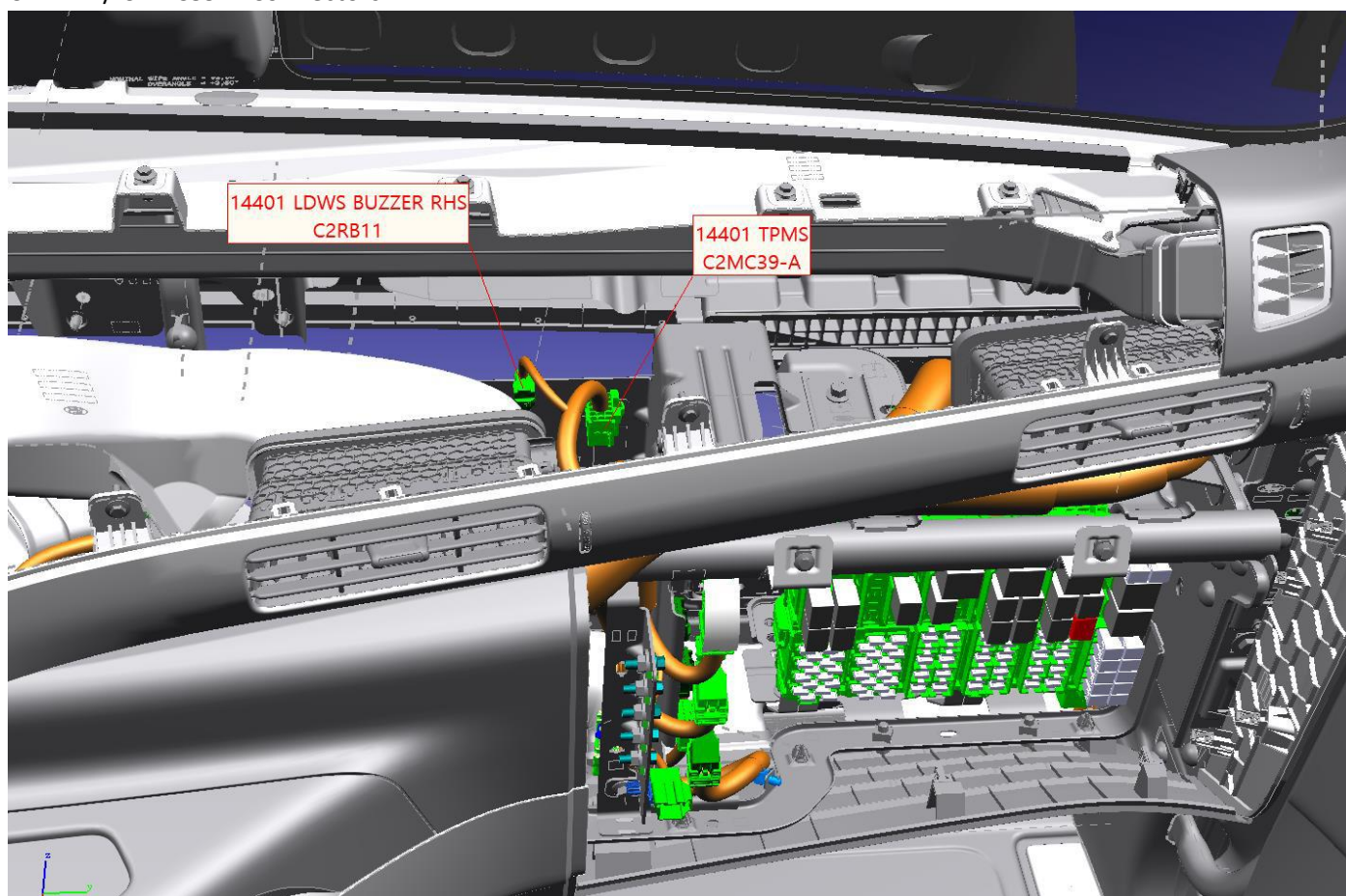


TRUCKS

C2RB10 / C2A420 Connectors:

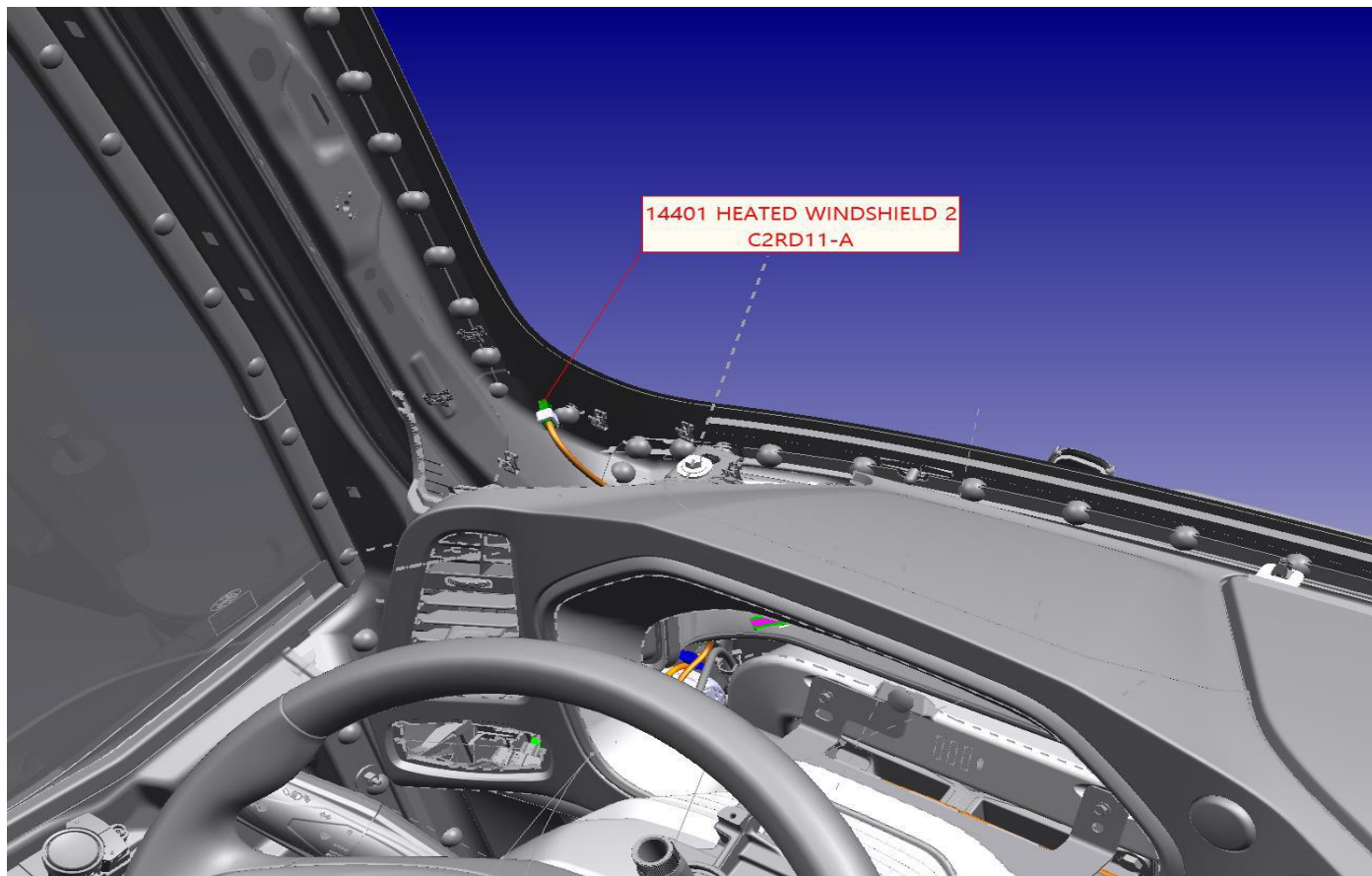


C2RB11 / C2MC39-A Connectors:

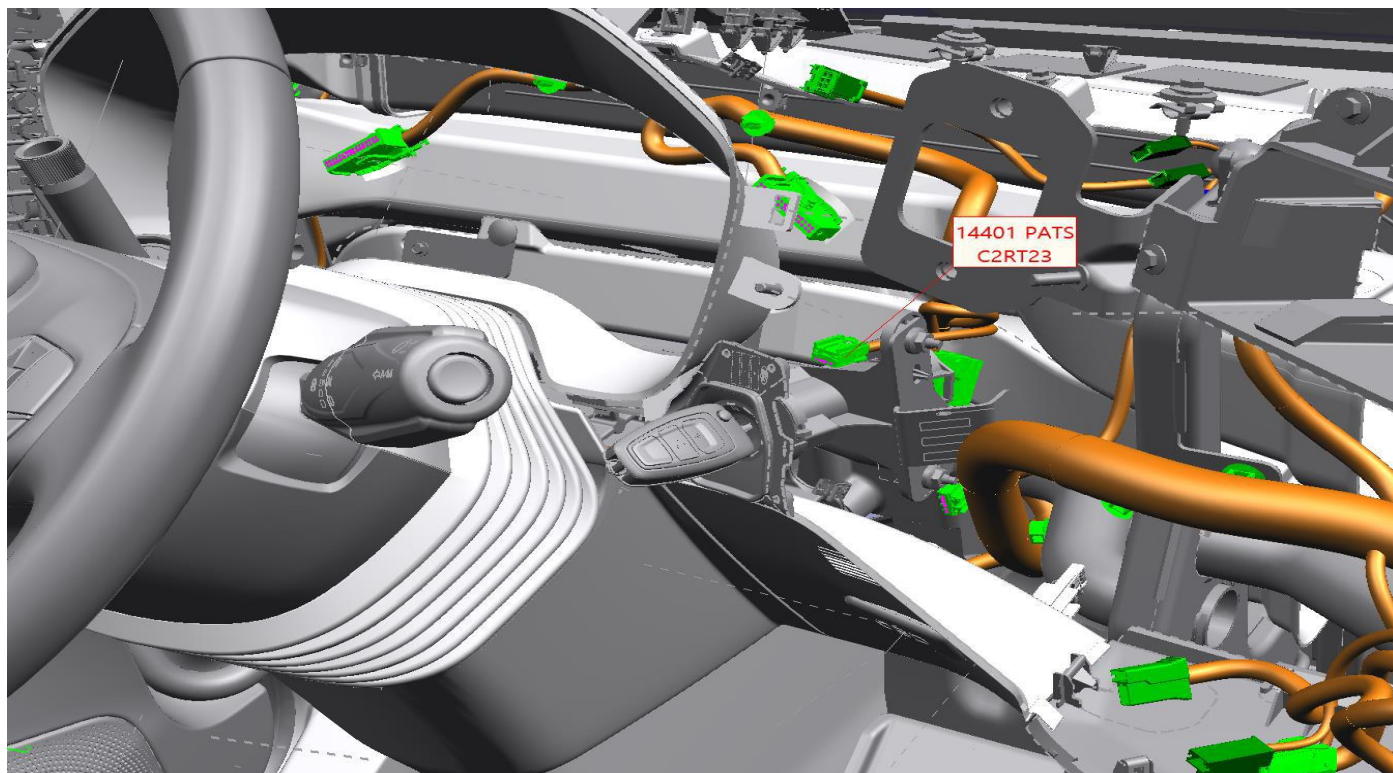


TRUCKS

C2RD11-A Connector:

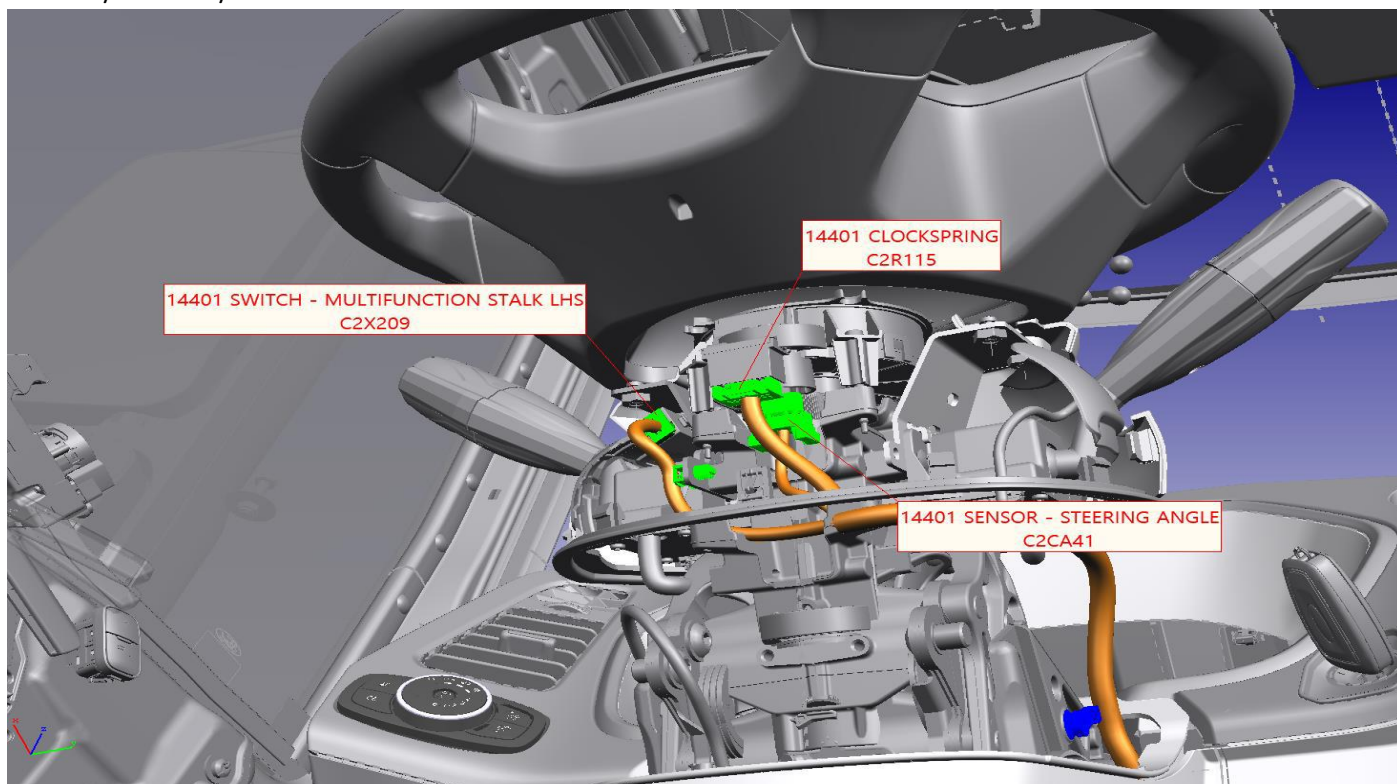


C2RT23 Connector:

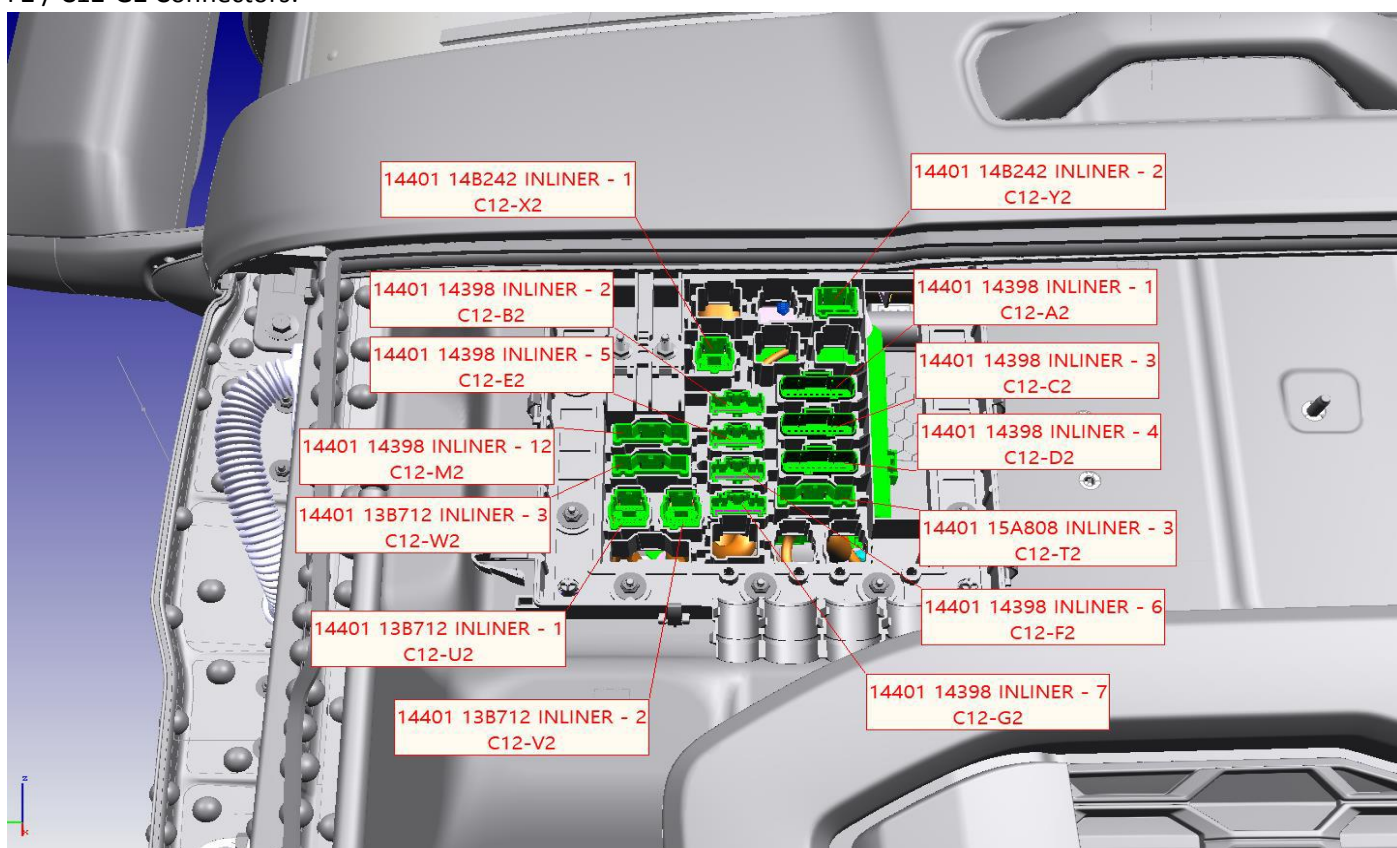


TRUCKS

C2X209 / C2R115 / C2CA41 Connectors:

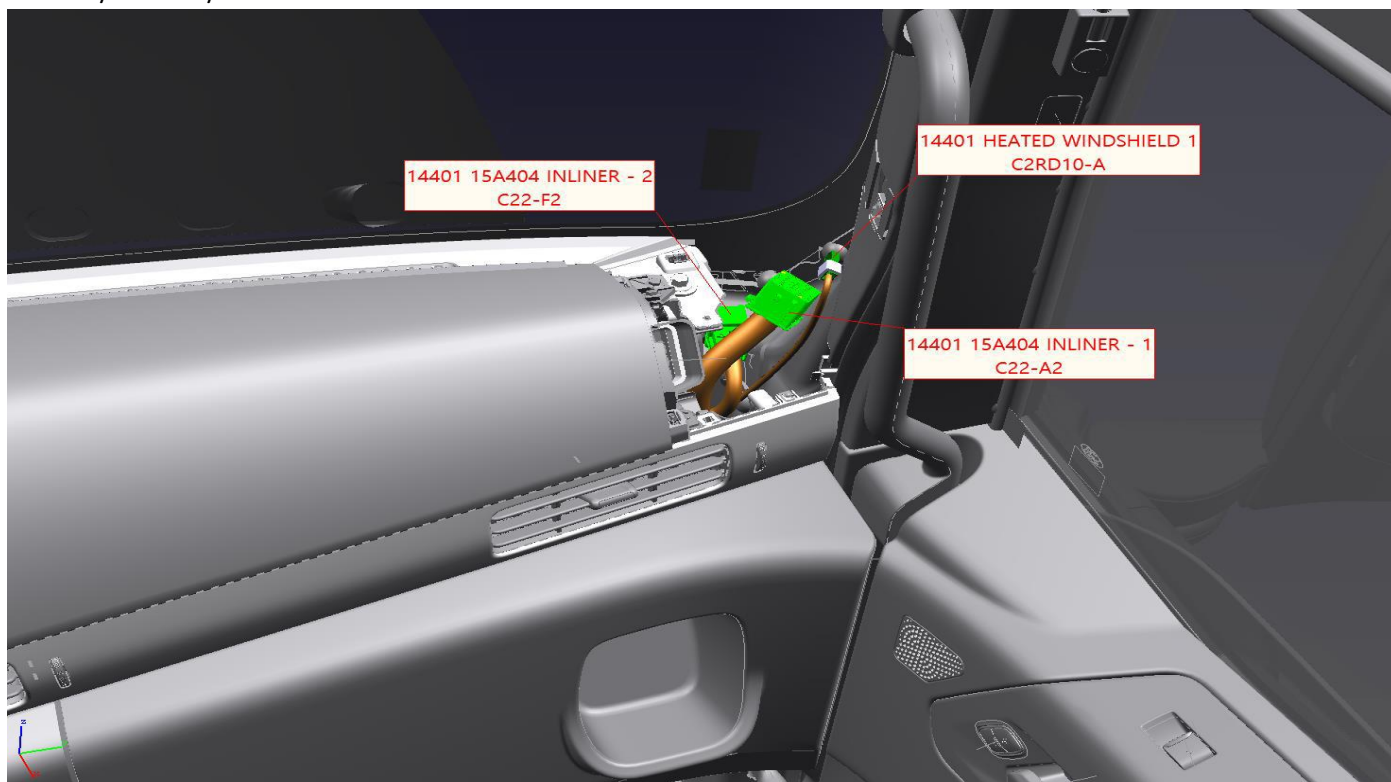


C12-X2 / C12-B2 / C12-E2 / C12-M2 / C12-W2 / C12-U2 / C12-V2 / C12-Y2 / C12-A2 / C12-C2 / C12-D2 / C12-T2 / C12-F2 / C12-G2 Connectors:

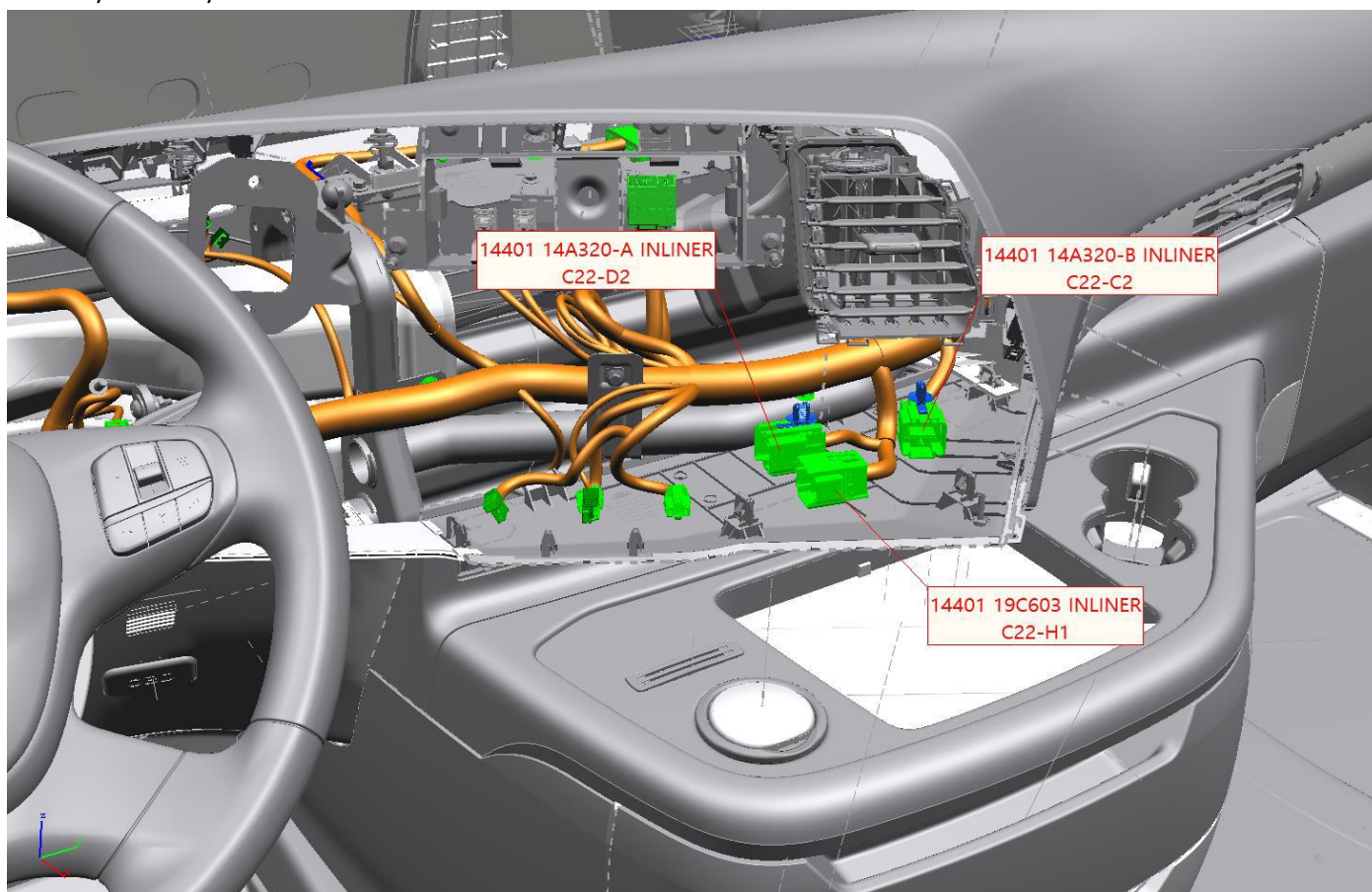


TRUCKS

C22-A2 / C22-F2 / C2RD10-A Connectors:

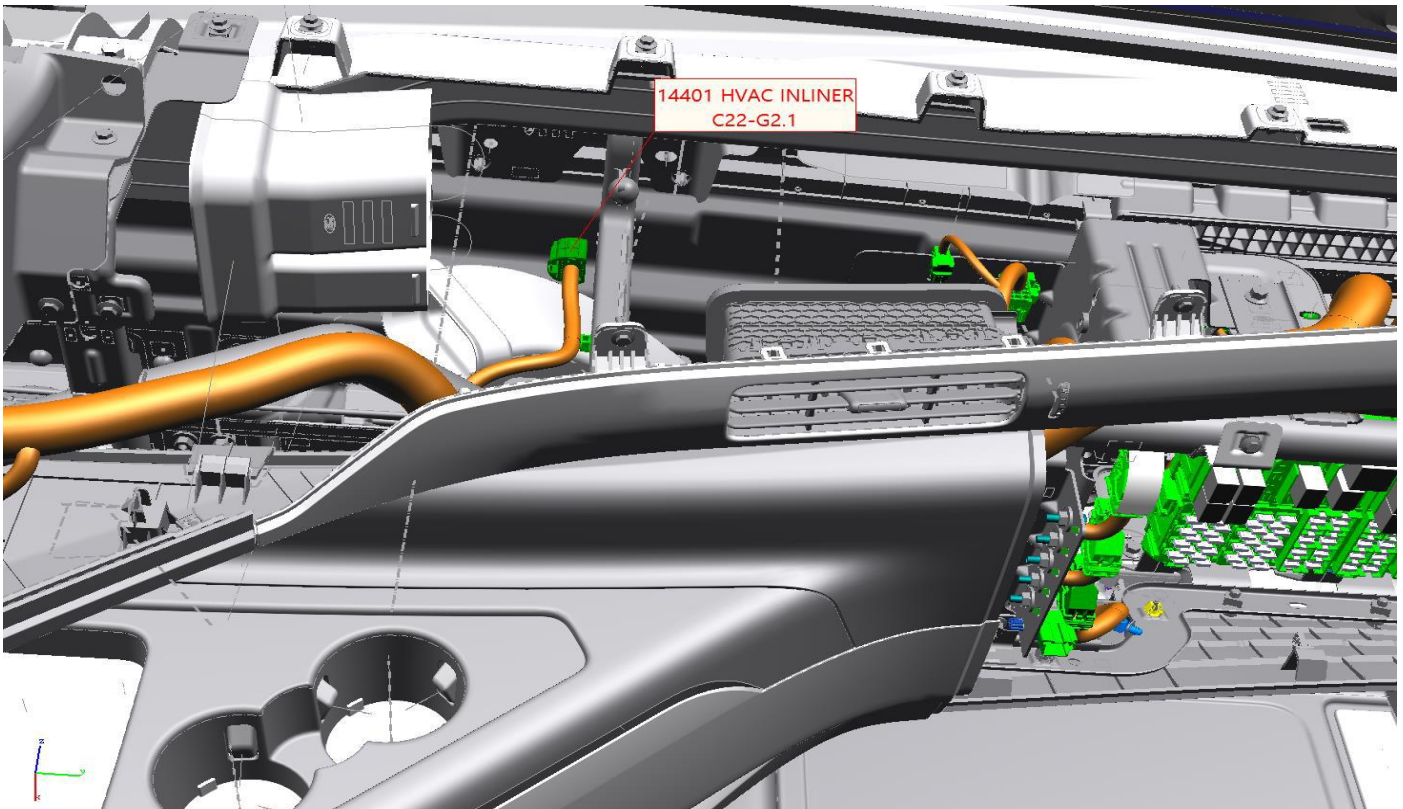


C22-C2 / C22-D2 / C22-H1 Connectors:

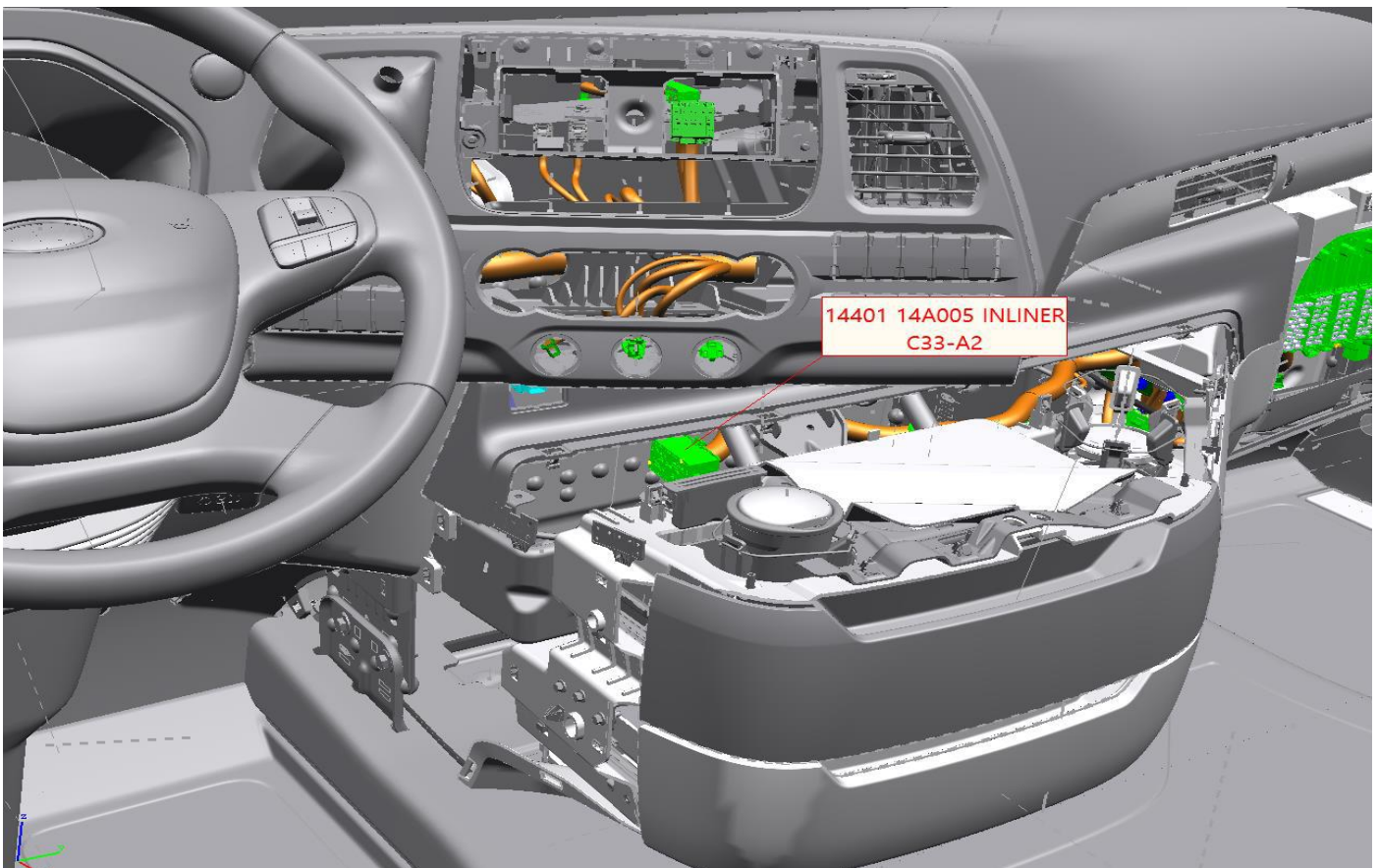


TRUCKS

C22-G2 Connector:

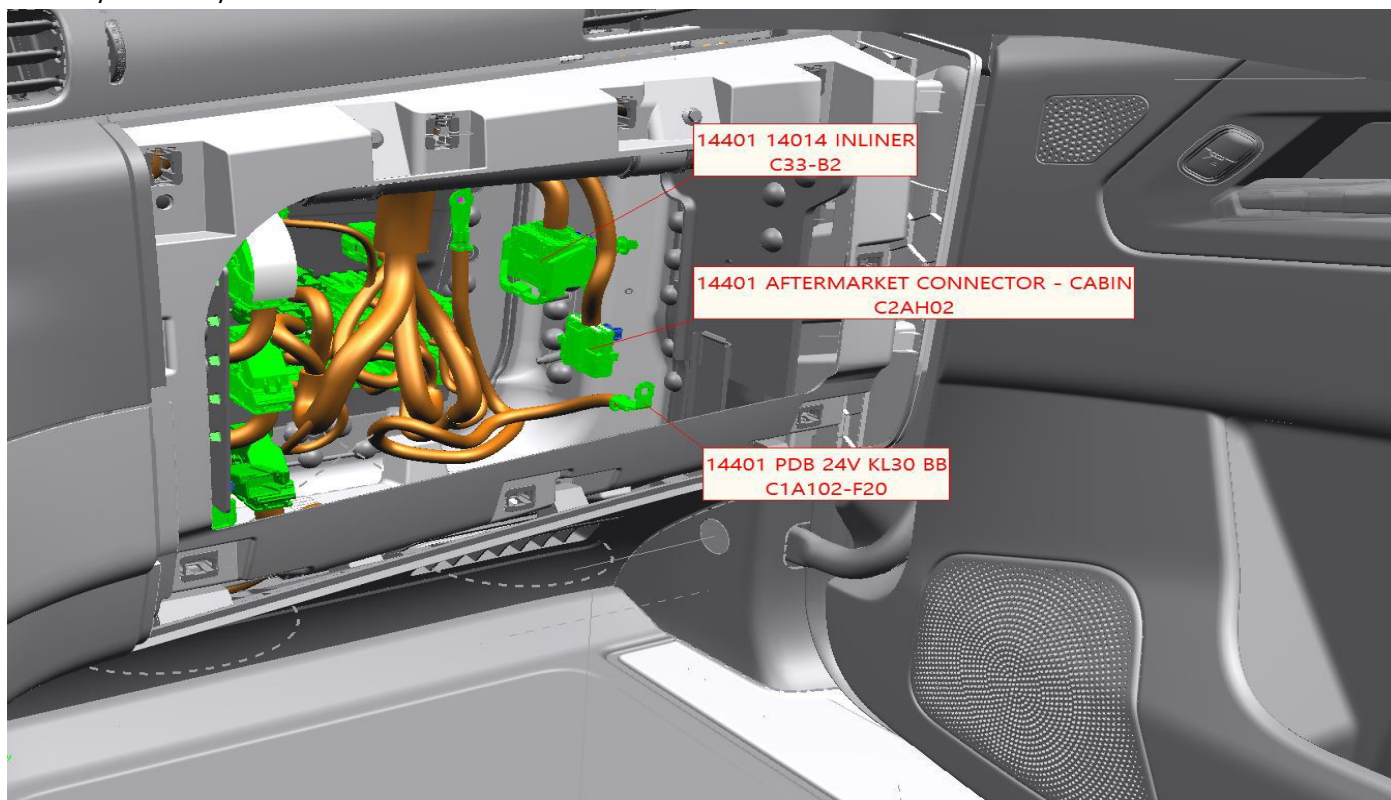


C33-A2 Connector:

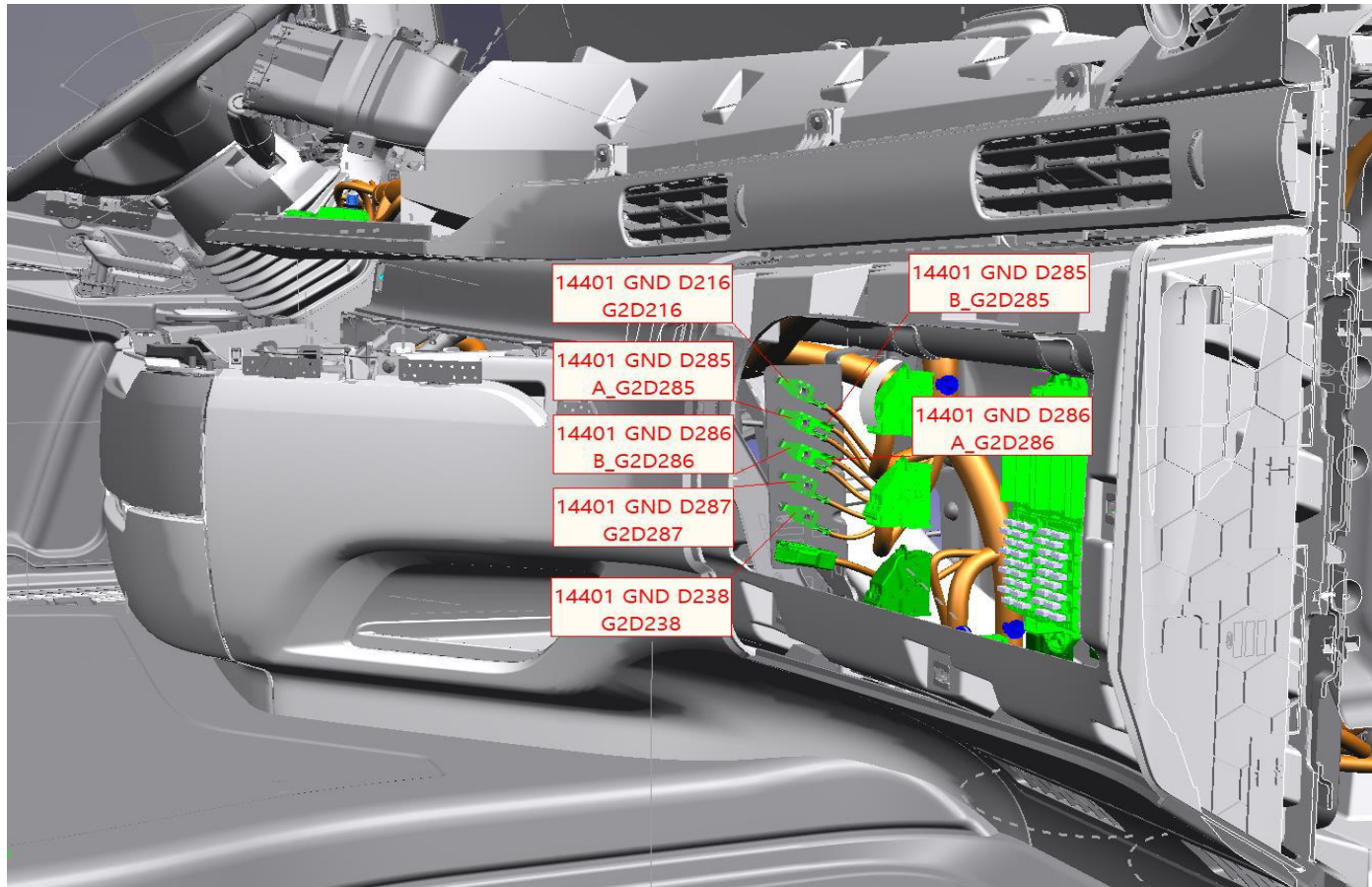


TRUCKS

C33-B2 / C1AH02 / C1A102-F20 Connectors:

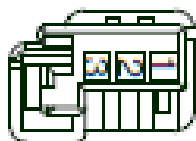


G2D216 / A-G2D285 / B-G2D286 / G2D287 / G2D238 / B-G2D285 / A-G2D286 Connectors:



TRUCKS

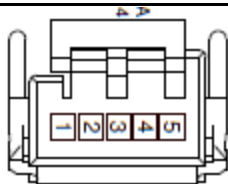
14401 → Cab internal console wiring connector descriptions:



Connector Code	C2RW06	
Connector Description	TO RAIN SENSOR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK/GREY
2	0.75	BLACK/WHITE
3	0.5	GREEN/ORANGE

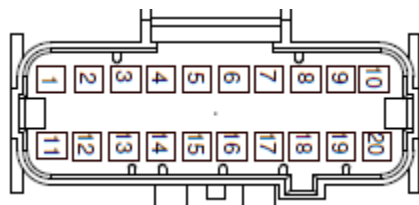


Connector Code	C2MP41-A	
Connector Description	TO FORWARD LOOKING CAMERA	
Pin Layout	Wire Thickness	Wiring Colour
A	0.35	YELLOW/RED
C	0.5	GREY/BUE
D	0.5	GREEN/ORANGE
F	0.5	GREY/BUE
G	0.5	BROWN/BUE
H	0.35	BLACK/BUE
J	0.5	WHITE/BROWN



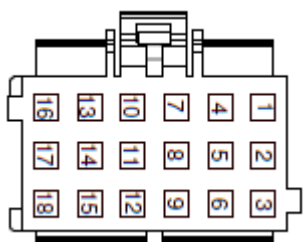
Connector Code	C2LF14	
Connector Description	TO SUNLOAD SENSOR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	PURPLE/GREY
2	0.35	YELLOW/ORANGE
3	0.35	GREY/BUE
4	0.35	BLUE/BROWN
5	0.35	GREY/BROWN

TRUCKS

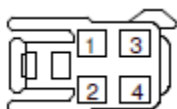


Connector Code	C2AH02	
Connector Description	TO AFTERMARKET APPLICATIONS	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BROWN/WHITE
2	1	YELLOW/GREEN
3	1.5	GREEN/WHITE
4	1	BLACK/GREY
5	0.75	ORANGE
6	0.35	BLUE/GREEN
7	1.5	BLUE/WHITE
8	0.75	ORANGE/BLUE
10	2.5	GREEN/RED
11	1.5	BLACK/WHITE
12	1.5	GREY
14	1.5	BROWN/WHITE
15	1.5	ORANGE
16	1	BLACK/GREY
17	0.5	YELLOW/GREY
18	0.5	WHITE/BROWN
19	0.75	PURPLE/BROWN

TRUCKS

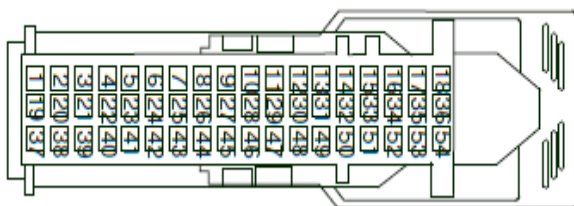


Connector Code	C2MC39-A	
Connector Description	TO TPMS	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BROWN/RED
2	0.75	BLACK/BLUE
4	0.75	GREY/PURPLE
5	0.75	BROWN/WHITE
6	0.75	YELLOW
7	0.75	ORANGE/BLUE
8	0.75	ORANGE/GREY
9	0.75	ORANGE/YELLOW
10	0.75	ORANGE/YELLOW
11	0.75	ORANGE/BLACK
12	0.75	ORANGE
13	0.75	BROWN/GREEN
14	0.75	BLUE/BROWN
15	0.75	PURPLE/BROWN
16	0.5	GREEN/ORANGE
18	0.5	GREY/BLUE



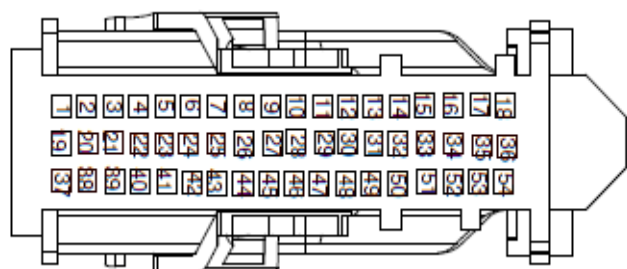
Connector Code	C2RB11	
Connector Description	TO BUZZER RHS	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLACK/WHITE
2	0.35	ORANGE/GREY
3	0.35	GREEN/PURPLE
4	0.35	GREEN/WHITE

TRUCKS



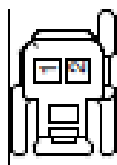
Connector Code	C2AM02-D	
Connector Description	TO BCM-C5	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	PURPLE/BROWN
2	0.35	GREEN/BLUE
5	0.35	BROWN/YELLOW
6	0.35	WHITE
7	0.75	ORANGE
8	0.75	ORANGE/BLUE
9	0.35	GREEN/BLUE
15	0.5	GREEN/PURPLE
16	0.75	ORANGE/GREEN
18	0.35	ORANGE/GREEN
20	0.35	PURPLE/BROWN
21	0.35	GREEN/WHITE
23	0.35	GREEN/PURPLE
25	0.75	ORANGE/YELLOW
26	0.75	BLUE/GREY
27	0.35	BROWN/YELLOW
29	0.35	ORANGE/BLACK
31	0.35	ORANGE/YELLOW
33	0.35	WHITE
34	0.35	ORANGE/YELLOW
35	0.35	BROWN/BLUE
38	0.35	BLUE/WHITE
40	0.5	PURPLE/GREEN
43	0.75	BLUE/GREEN
44	0.75	ORANGE/BLUE
45	0.35	ORANGE/BLUE
46	0.5	GREEN
47	0.5	PURPLE/WHITE
48	0.35	ORANGE/GREY
49	0.35	ORANGE/YELLOW
51	0.5	PURPLE
52	0.35	GREY/BROWN
53	0.35	BLUE/BROWN

TRUCKS



Connector Code	C2AM02-E	
Connector Description	TO BCM-C6	
Pin Layout	Wire Thickness	Wiring Colour
1	0.5	WHITE
2	0.35	YELLOW/ORANGE
4	0.75	BLACK/WHITE
5	0.75	YELLOW/GREY
8	0.35	GREEN/ORANGE
10	0.35	WHITE/GREEN
11	0.35	YELLOW/GREY
12	0.35	BLUE/ORANGE
13	0.35	ORANGE/BLUE
16	0.35	BLUE/ORANGE
17	0.35	GREY/BROWN
18	0.35	BLUE/ORANGE
19	0.35	BROWN/GREEN
20	0.35	YELLOW/GREY
21	0.35	WHITE/BROWN
22	0.75	GREY/BROWN
24	0.35	ORANGE/BLUE
25	0.75	ORANGE/WHITE
30	0.75	PURPLE/GREY
32	0.35	GREY/BLUE
34	0.35	ORANGE/BLUE
37	0.75	ORANGE
42	0.35	GREY
43	0.35	WHITE/ORANGE
44	0.35	BLUE
45	0.35	GREY/PURPLE
49	0.75	GREY/YELLOW
53	0.35	ORANGE/GREY

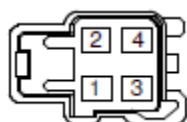
TRUCKS



Connector Code	C2CA50	
Connector Description	TO BRAKE LOCKING VALVE	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	PURPLE
2	0.75	BLACK/BLUE

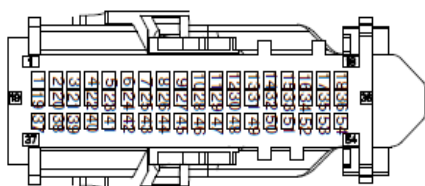


Connector Code	C2DB04-B	
Connector Description	TO OBD-2	
Pin Layout	Wire Thickness	Wiring Colour
4	0.75	BLACK/WHITE
5	0.75	BLACK/WHITE
6	0.5	YELLOW/GREY
14	0.5	WHITE/BROWN
16	0.75	BLACK/BLUE



Connector Code	C2DB04-B	
Connector Description	TO OBD3	
Pin Layout	Wire Thickness	Wiring Colour
1	0.5	BLUE/GREY
2	0.5	PURPLE/GREY
3	0.5	GREY/ORANGE
4	0.5	PURPLE/ORANGE

TRUCKS



Connector Code	C2AM02-F	
Connector Description	TO BCM-C7	
Pin Layout	Wire Thickness	Wiring Colour
1	0.5	ORANGE/GREEN
2	0.75	YELLOW/BLUE
3	0.35	PURPLE/BROWN
4	0.75	BLUE/WHITE
5	0.75	BROWN/YELLOW
6	0.75	PURPLE/GREEN
7	0.5	BLUE/WHITE
8	0.75	YELLOW/GREEN
9	0.35	GREEN/WHITE
10	0.35	ORANGE/GREEN
11	0.5	GREY/BLUE
12	0.5	GREY/ORANGE
13	0.5	BLUE/GREY
14	0.5	YELLOW/GREY
15	0.5	WHITE/BLUE
16	0.5	ORANGE/GREY
18	0.35	GREEN/WHITE
19	0.35	GREEN/BROWN
20	0.35	GREY/ORANGE
21	0.35	GREY
22	0.5	ORANGE/GREEN
23	0.75	BLACK/BLUE
24	0.5	GREEN/ORANGE
25	0.35	BLUE/ORANGE
26	0.35	BROWN/GREEN
27	0.75	BROWN
29	0.5	GREEN/ORANGE
30	0.5	PURPLE/ORANGE
31	0.5	PURPLE/GREY
32	0.5	WHITE/BROWN
33	0.5	WHITE
34	0.5	ORANGE/WHITE
35	0.35	YELLOW/BLUE
36	0.35	BLUE/ORANGE
37	0.35	ORANGE
38	0.75	BLUE/WHITE
39	0.35	GREEN/WHITE
40	0.35	WHITE/BLUE
41	0.75	BLUE
42	0.75	YELLOW
43	0.75	BLACK/BLUE
45	0.35	BLUE/WHITE
50	0.35	GREY/PURPLE
51	0.35	BROWN/BLUE
54	0.35	ORANGE

TRUCKS



Connector Code	C2AM02-C	
Connector Description	TO BCM-C4	
Pin Layout	Wire Thickness	Wiring Colour
1	1.5	BROWN/RED
2	0.75	GREEN/BLUE
3	1.5	GREEN/RED
4	0.75	BROWN
5	0.75	BROWN/BLUE
6	0.5	ORANGE/GREY
7	0.5	GREY/BROWN
11	0.75	BLUE/GREEN
12	0.35	GREY
13	0.75	BLUE/BROWN
14	0.5	ORANGE/BLUE
15	0.35	PURPLE/WHITE
16	0.75	PURPLE/ORANGE

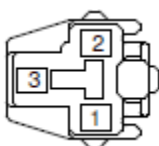


Connector Code	C2AM02-B	
Connector Description	TO BCM-C3	
Pin Layout	Wire Thickness	Wiring Colour
1	1.5	WHITE/RED
2	1.5	RED
3	0.75	GREY/BLUE
4	0.75	YELLOW/GREEN
5	0.35	GREY/BLUE
6	0.75	GREY/BLUE
8	1.5	BLUE
9	1.5	GREEN/BLUE
10	0.75	GREY/BROWN
11	0.75	BROWN/GREEN
12	1.5	BLACK/BLUE
13	0.75	BLUE/WHITE
14	0.75	BLUE/GREEN
15	1.5	BLUE/RED
16	1.5	GREEN/RED

TRUCKS

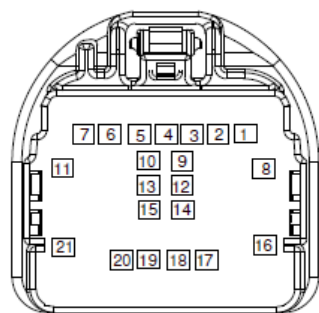


Connector Code	C2AM02-A	
Connector Description	TO BCM-C2	
Pin Layout	Wire Thickness	Wiring Colour
1	1.5	RED
2	1.5	GREY/YELLOW
3	1.5	WHITE
4	1.5	RED
5	1.5	GREEN
6	1.5	BLUE
7	0.75	PURPLE/WHITE
8	0.75	WHITE/BROWN
9	1.5	YELLOW
10	1.5	GREEN
11	1.5	WHITE/BROWN
12	1.5	YELLOW/RED
13	1.5	BLUE/BROWN
14	0.35	BROWN
15	1.5	GREEN/PURPLE
16	1.5	GREEN/BLUE

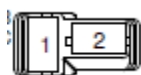


Connector Code	C2DC07-A	
Connector Description	TO 24V POWER OUTLET	
Pin Layout	Wire Thickness	Wiring Colour
1	2.5	YELLOW/ORANGE
3	2.5	BLACK/GREY

TRUCKS

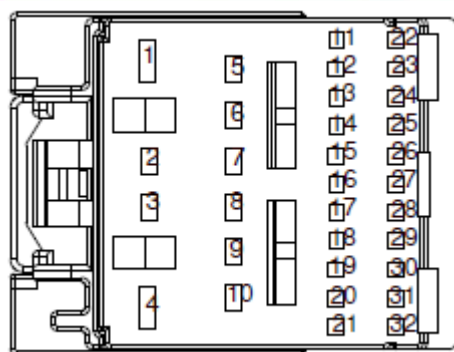


Connector Code	C22-G2	
Connector Description	TO HVAC INLINE	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	GREEN/PURPLE
2	0.35	BLUE/BROWN
3	0.35	PURPLE/BROWN
5	0.35	BLUE/GREY
6	0.35	GREEN/ORANGE
8	0.75	WHITE/PURPLE
10	0.35	PURPLE/BROWN
12	0.35	BLUE/GREEN
13	0.35	GREEN/BROWN
15	0.35	BROWN/WHITE
16	2.5	YELLOW/GREEN
17	0.35	BLUE/WHITE
18	0.35	YELLOW/ORANGE
19	0.35	GREY/BLUE
20	0.35	WHITE/PURPLE
21	2.5	BLACK/GREY

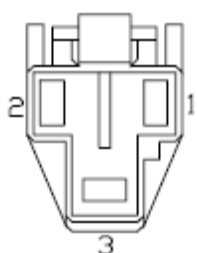


Connector Code	C2DC07-C	
Connector Description	TO 12V POWER OUTLET	
Pin Layout	Wire Thickness	Wiring Colour
1	2.5	BLACK/WHITE
2	2.5	YELLOW/GREEN

TRUCKS



Connector Code	C2ME03A-A	
Connector Description	TO RADIO	
Pin Layout	Wire Thickness	Wiring Colour
1	2.5	BROWN/BLUE
2	0.75	WHITE/BROWN
3	0.75	WHITE
4	2.5	BLACK, BLACK/GREY
5	0.75	BROWN/YELLOW
6	0.75	WHITE/GREEN
7	0.75	WHITE/GREEN
8	0.75	WHITE
9	0.75	BROWN/BLUE
10	0.75	BROWN/WHITE
15	0.35	BROWN/PURPLE
19	0.5	BLUE/GREY
26	0.35	WHITE/GREEN
30	0.5	PURPLE/GREY



Connector Code	C2DC15	
Connector Description	TO CIGAR LIGHTER	
Pin Layout	Wire Thickness	Wiring Colour
1	2.5	GREY/RED
3	2.5	BLACK/GREY

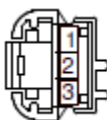
TRUCKS



Connector Code	C2A410-A	
Connector Description	TO ADR CABIN SW-01	
Pin Layout	Wire Thickness	Wiring Colour
1	0.5	GREY/PURPLE



Connector Code	C2A410-B	
Connector Description	TO ADR CABIN SW-02	
Pin Layout	Wire Thickness	Wiring Colour
1	0.5	GREY/PURPLE



Connector Code	C2H452	
Connector Description	TO DISCHARGE TEMP SENSOR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	WHITE
3	0.35	GREY/BLUE

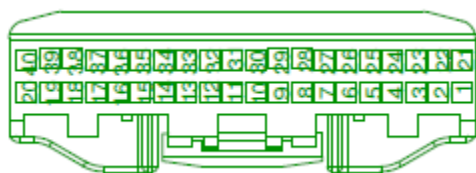


Connector Code	C2MC25-A	
Connector Description	TO PARKING BRAKE SW-01	
Pin Layout	Wire Thickness	Wiring Colour
1	0.5	BLACK/BLUE



Connector Code	C2MC25-B	
Connector Description	TO PARKING BRAKE SW-02	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLUE/WHITE

TRUCKS

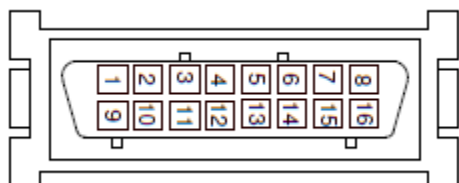


Connector Code	C2AM05	
Connector Description	TO ERAGLONASS MODULE	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	PURPLE/RED
2	0.35	BLUE
4	0.35	ORANGE
5	0.35	ORANGE/WHITE
6	0.5	GREEN/ORANGE
7	0.5	GREY/BLUE
8	0.35	ORANGE/BLUE
14	0.35	ORANGE/WHITE
15	0.35	ORANGE/BLACK
16	0.35	ORANGE/BLACK
17	0.35	ORANGE/GREY
18	0.35	ORANGE/YELLOW
19	0.35	SCRN
22	0.35	BLUE/BROWN
28	0.35	BLACK/WHITE
34	0.35	ORANGE/BLACK
37	0.35	ORANGE/WHITE
38	0.35	ORANGE/GREY
39	0.35	ORANGE/GREEN

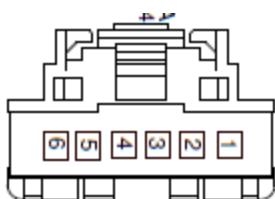


Connector Code	C2LS32	
Connector Description	TO HAZARD WARNING SW	
Pin Layout	Wire Thickness	Wiring Colour
2	0.35	BLACK/WHITE
3	0.35	ORANGE
6	0.35	BROWN/YELLOW

TRUCKS

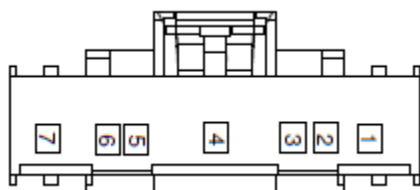


Connector Code	C2DB04-A	
Connector Description	TO OBD CONNECTOR-01	
Pin Layout	Wire Thickness	Wiring Colour
1	0.5	PURPLE/GREEN
2	0.5	BROWN/GREEN
3	0.5	WHITE/BLUE
4	0.75	BLACK/WHITE
6	0.5	GREEN/ORANGE
9	0.5	GREY/PURPLE
10	0.5	BROWN/BLUE
11	0.5	WHITE
13	0.5	GREEN/ORANGE
14	0.5	GREY/BLUE
15	0.5	BLUE/WHITE
16	0.75	BLACK/BLUE



Connector Code	C2H414	
Connector Description	TO A/C TEMP HUMIDITY SENSOR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	GREY
2	0.35	GREEN/BLUE
3	0.35	BROWN/WHITE
4	0.35	WHITE/BLUE
5	0.35	GREY/BLUE
6	0.75	BLACK/GREY

TRUCKS

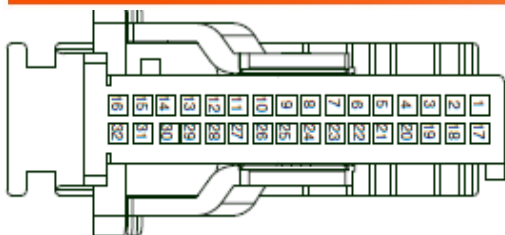


Connector Code	C2DC32	
Connector Description	TO IGNITION SW	
Pin Layout	Wire Thickness	Wiring Colour
1	1	BROWN/YELLOW
4	1	WHITE/RED
6	0.75	PURPLE/GREEN
7	0.75	BLUE/WHITE



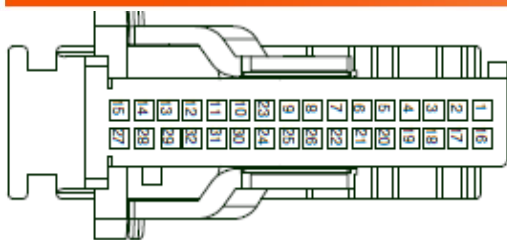
Connector Code	C2RT23	
Connector Description	TO PATS	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	YELLOW
2	0.35	BLACK/WHITE
3	0.35	PURPLE/BROWN
4	0.35	PURPLE/GREY

TRUCKS



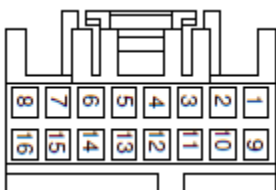
Connector Code	C2MC01-A	
Connector Description	TO INSTRUMENT CLUSTER-BLUE	
Pin Layout	Wire Thickness	Wiring Colour
1	0.5	ORANGE/GREEN
2	0.5	BLUE/ORANGE
4	0.35	ORANGE/GREY
5	0.35	GREEN/WHITE
7	0.35	GREY
8	0.35	BLUE/BROWN
9	0.35	ORANGE/GREY
11	0.35	GREEN/PURPLE
12	0.35	GREY
13	0.75	BLACK/WHITE
14	0.35	GREEN/BROWN
16	0.75	PURPLE/RED
17	0.35	BLUE/ORANGE
18	0.35	YELLOW
23	0.35	YELLOW
24	0.35	BROWN/YELLOW
27	0.35	PURPLE/WHITE
28	0.35	GREY/PURPLE
29	0.75	BLACK/WHITE
32	0.75	PURPLE/RED

TRUCKS



Connector Code	C2MC01-B	
Connector Description	TO INSTRUMENT CLUSTER-GREEN	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BROWN/PURPLE
2	0.35	ORANGE/YELLOW
6	0.35	GREEN/WHITE
8	0.75	WHITE/BROWN
11	0.5	GREY/BLUE
12	0.5	PURPLE/GREY
13	0.75	WHITE/GREEN
14	0.35	PURPLE/GREY
15	0.35	ORANGE/WHITE
17	0.35	BROWN/PURPLE
21	0.35	ORANGE/GREY
23	0.35	PURPLE/GREY
24	0.35	GREEN/BLUE
26	0.35	WHITE/BROWN
27	0.5	GREEN/ORANGE
28	0.5	BLUE/GREY
29	0.75	GREEN/BLUE
30	0.35	PURPLE/BROWN
31	0.35	ORANGE/BLACK

TRUCKS

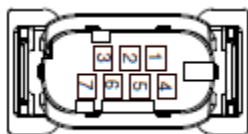


Connector Code	C2R115	
Connector Description	TO CLOCK SPRING	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	ORANGE
4	0.35	WHITE
5	0.35	ORANGE/GREY
6	0.35	ORANGE/GREEN
7	0.35	ORANGE/YELLOW
9	0.75	BLACK/WHITE
11	0.75	PURPLE/GREEN
12	0.35	ORANGE/YELLOW
13	0.35	BROWN/BLUE
14	0.35	ORANGE/BLUE
15	0.35	BROWN/BLUE

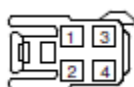


Connector Code	C2X209	
Connector Description	TO MULTIFUNCTION STALK SW	
Pin Layout	Wire Thickness	Wiring Colour
1	0.5	BLACK/PURPLE
3	0.5	GREEN/ORANGE
4	0.5	GREY/BLUE
5	0.5	GREY/RED
8	0.75	BLACK/BLUE

TRUCKS



Connector Code	C2CA41	
Connector Description	TO STEERING ANGLE SENSOR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	GREEN/PURPLE
2	0.35	PURPLE/BROWN
3	0.35	BLUE/WHITE
4	0.35	GREEN/ORANGE



Connector Code	C2RB10	
Connector Description	TO BUZZER LHS	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLACK/WHITE
2	0.35	GREEN/WHITE
3	0.35	GREEN/PURPLE
4	0.35	ORANGE/GREY



Connector Code	C2A420	
Connector Description	TO WORKLAMP SW	
Pin Layout	Wire Thickness	Wiring Colour
1	0.5	ORANGE/BLACK
2	0.5	ORANGE/WHITE
3	0.5	BLACK/BLUE
4	0.35	BLUE/BROWN

TRUCKS

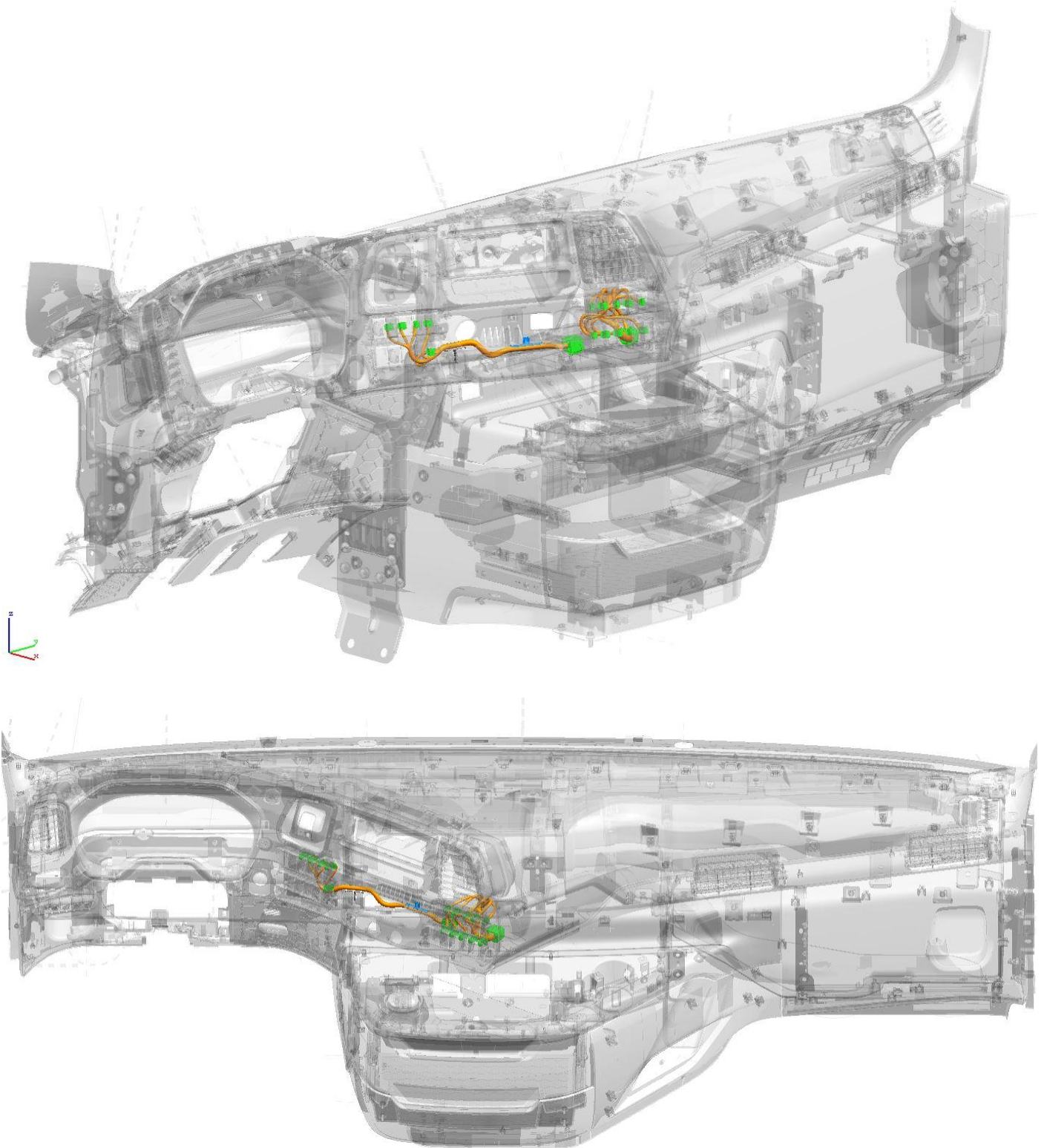


Connector Code	C2LF23	
Connector Description	HEADLAMP SW	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	GREEN/RED
3	0.5	0.5
6	0.35	GREY/YELLOW
7	0.75	BLACK/WHITE



Connector Code	C2RD11-A	
Connector Description	TO HEATED WIND SHIELD DEFROSTER-2	
Pin Layout	Wire Thickness	Wiring Colour
1	2.5	YELLOW/PURPLE

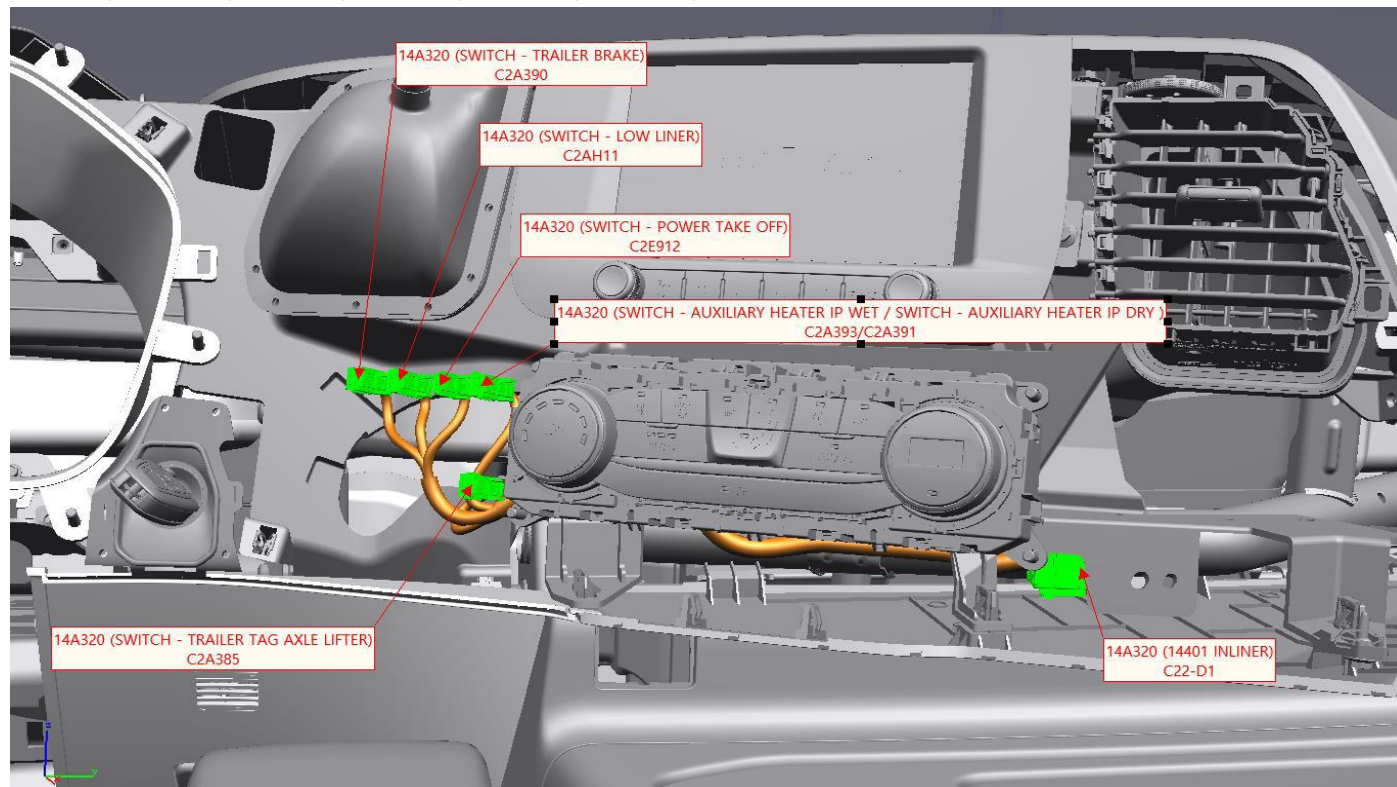
14A320 → Cab internal console wiring Attachment-1



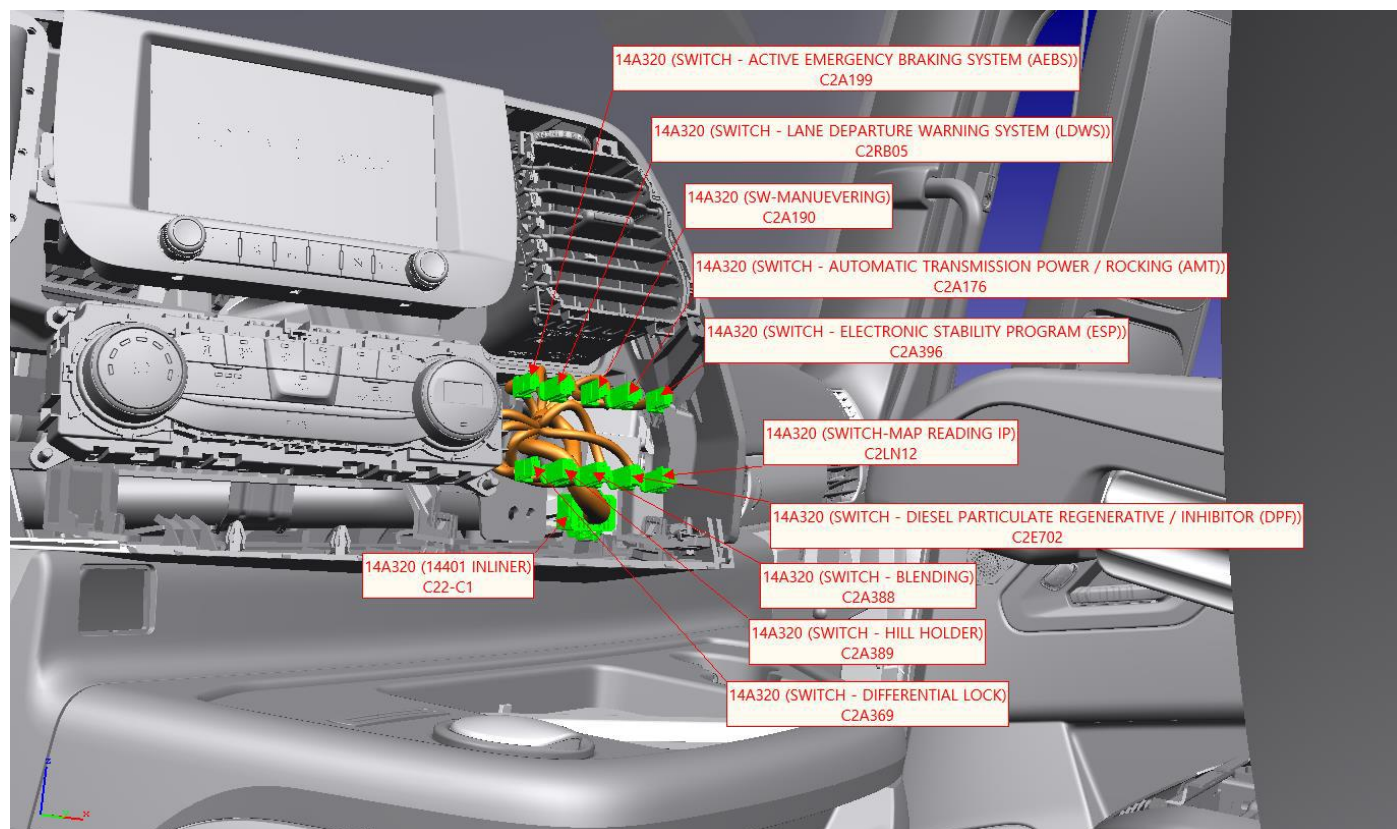
TRUCKS

14A320 Wiring :

C2A390 / C2AH11 / C2E912 / C2A393 / C2A391 / C2A385 / C22-D1 Connectors:

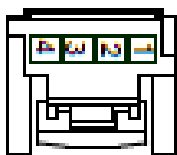


C22-C1 / C2A199 / C2RB05 / C2A190 / C2A176 / C2A396 / C2LN12 / C2E702 / C2A388 / C2A389 / C2A369 Connectors:

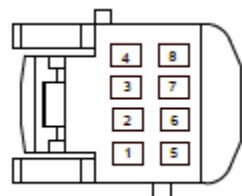


TRUCKS

14A320 → Cab internal console wiring Attachment-I connector descriptions:

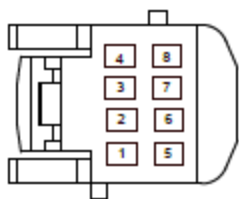


Connector Code	C2A369	
Connector Description	DIFF.LOCK SW.	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLUE/ORANGE
2	0.35	BLUE/ORANGE
3	0.35	BLACK/BLUE
4	0.35	BLUE/BROWN

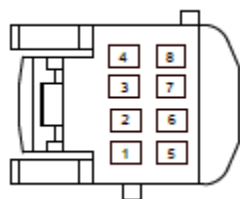


Connector Code	C2A389	
Connector Description	HILL HOLDER SW	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	GREY/YELLOW
2	0.35	PURPLE/ORANGE
3	0.35	BLACK/BLUE
4	0.35	BLUE/BROWN
5	0.35	PURPLE/ORANGE
6	0.35	BLACK/BLUE

TRUCKS

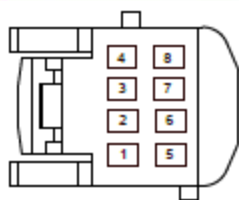


Connector Code	C2A388	
Connector Description	BLENDING.SW	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	ORANGE/GREY
2	0.35	GREEN/BROWN
3	0.35	BLACK/BLUE
4	0.35	BLUE/BROWN

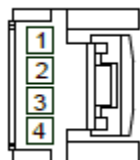


Connector Code	C2E702	
Connector Description	DIESEL PART.FILTER SW.	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLACK/BLUE
2	0.35	GREY/BLUE
3	0.35	BLACK/BLUE
4	0.35	BLUE/BROWN
5	0.35	BLACK/BLUE
6	0.35	BROWN/BLUE

TRUCKS

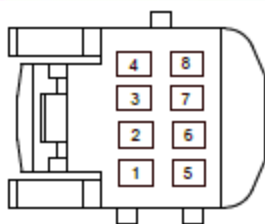


Connector Code	C2LN12	
Connector Description	DOME LAMP SW	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLACK/BLUE
2	0.35	GREEN/WHITE
3	0.35	BLACK/BLUE
4	0.35	BLUE/BROWN
5	0.35	BLACK/BLUE
6	0.35	GREY/BROWN



Connector Code	C2A199	
Connector Description	AEBS SW.	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLUE
2	0.35	BLACK/BLUE
3	0.35	BLACK/BLUE
4	0.35	BLUE/BROWN

TRUCKS

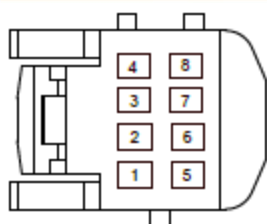


Connector Code	C2RB05	
Connector Description	LANE DEPARTURE SW.	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLACK/BUE
2	0.35	GREEN/ORANGE
3	0.35	BLACK/BUE
4	0.35	BLUE/BROWN

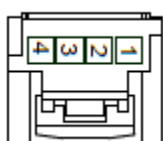


Connector Code	C2A190	
Connector Description	MANUEVERING SW.	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	ORANGE
2	0.35	ORANGE/YELLOW
3	0.35	BLACK/BUE
4	0.35	BLUE/BROWN

TRUCKS



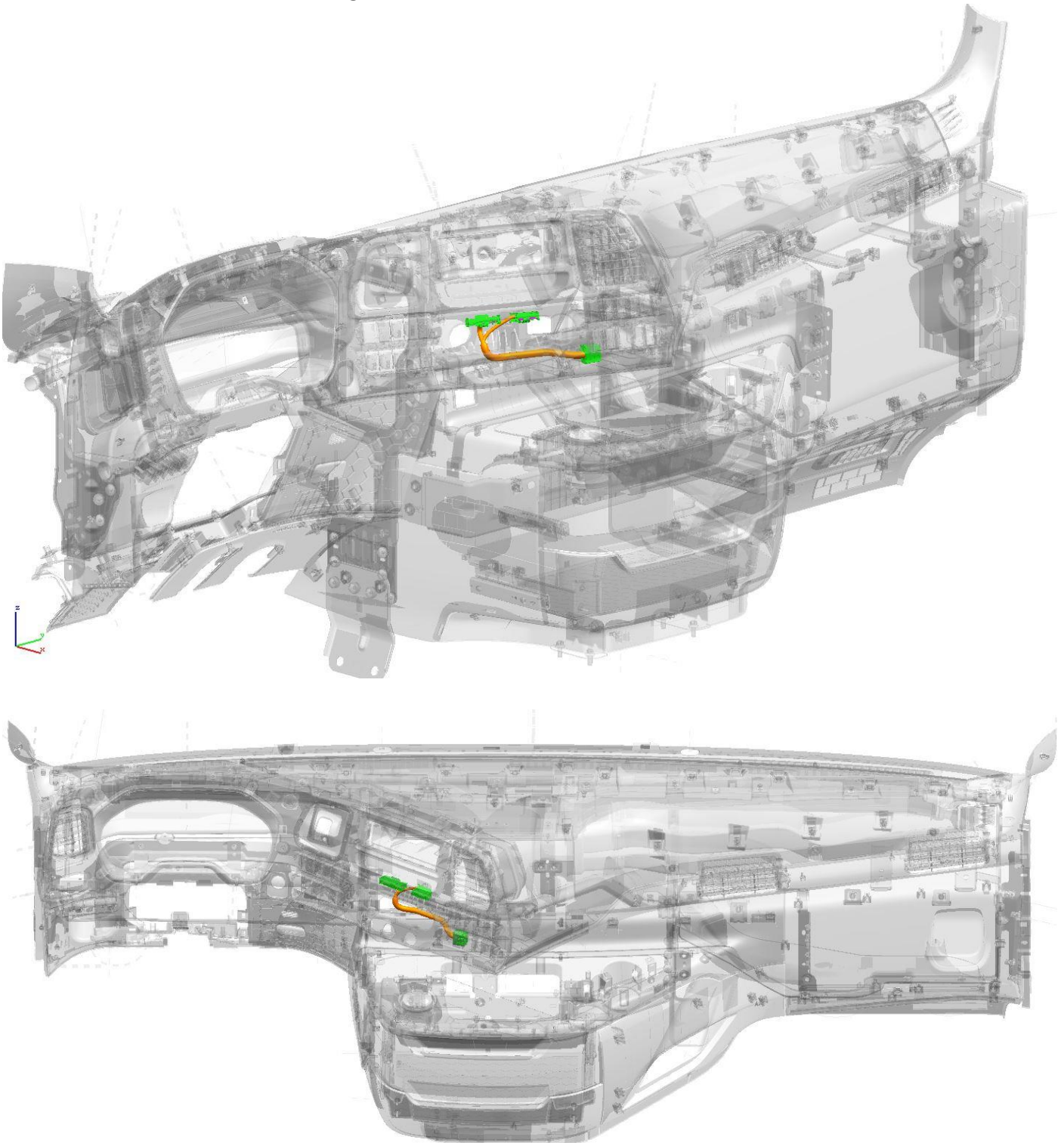
Connector Code	C2A176	
Connector Description	POWER ROCKING SW.	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLACK/BLUE
2	0.35	GREY/PURPLE
3	0.35	BLACK/BLUE
4	0.35	BLUE/BROWN
5	0.35	BLACK/BLUE
6	0.35	WHITE/GREEN



Connector Code	C2A396	
Connector Description	ESP OFF SW.	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLACK/BLUE
2	0.35	YELLOW/GREEN
3	0.35	BLACK/BLUE
4	0.35	BLUE/BROWN

TRUCKS

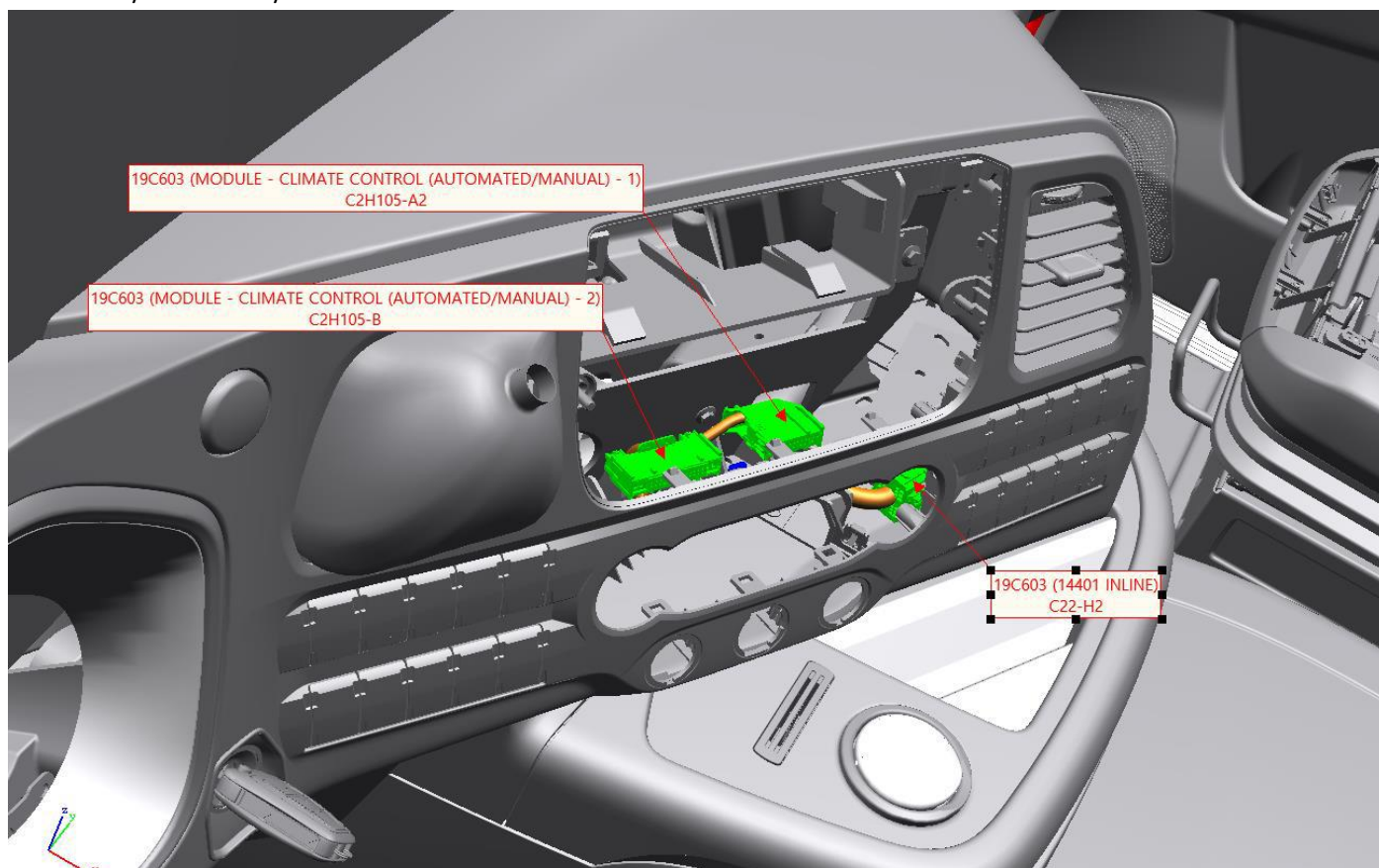
19C603 → Cab internal console wiring Attachment-2



TRUCKS

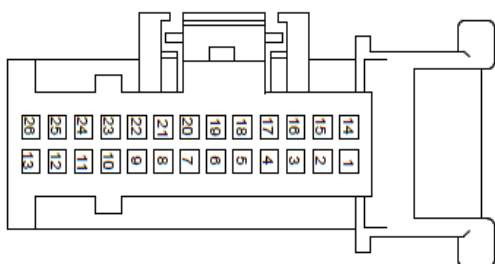
19C603 Wiring:

C2H105-A / C2H105-B / C22-H2 Connectors:



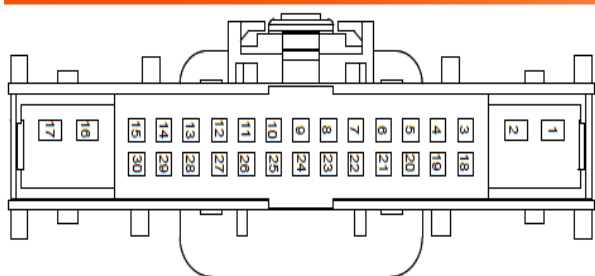
TRUCKS

19C603 → Cab internal console wiring Attachment-2 connector descriptions:



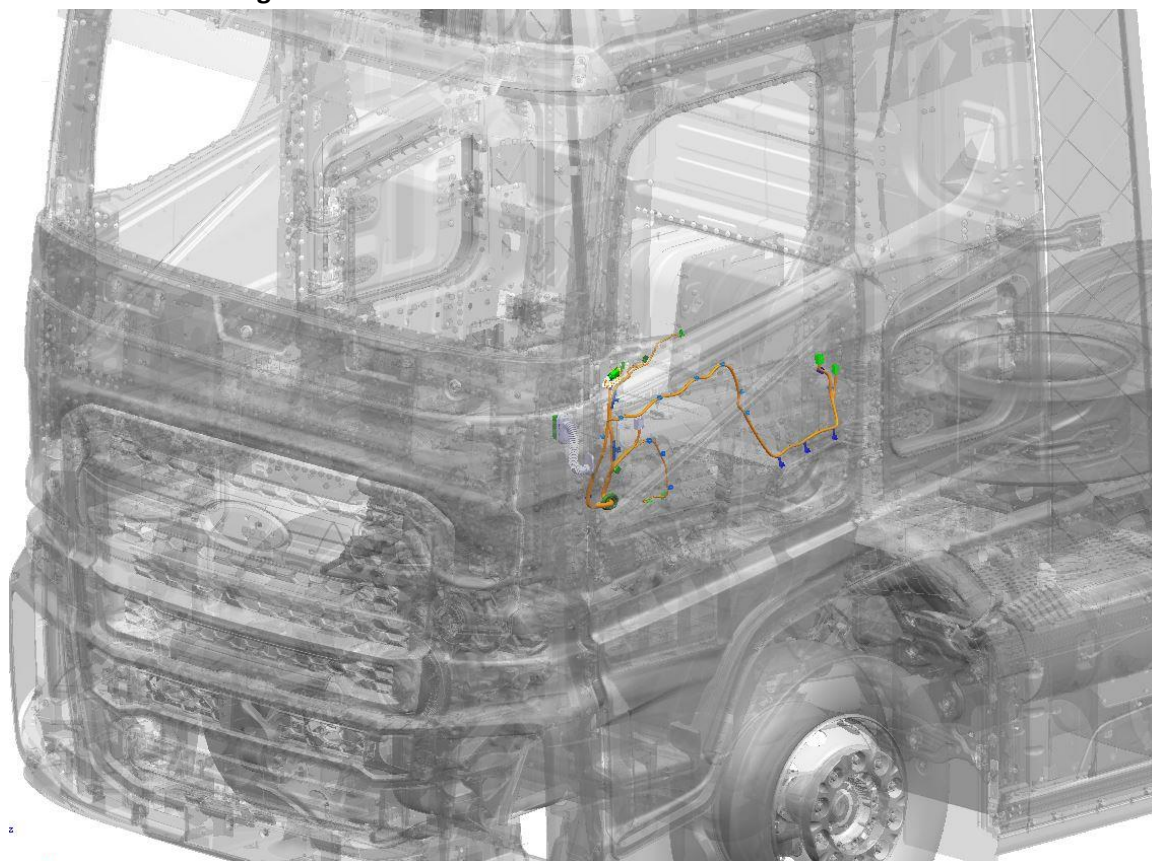
Connector Code	C2H105-A	
Connector Description	TO EATC_1	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK/WHITE
2	0.35	GREY/BLUE
3	0.35	BROWN/WHITE
8	0.35	BLUE/WHITE
9	0.35	YELLOW/ORANGE
10	0.35	BLUE/BROWN
11	0.75	YELLOW/GREEN
16	0.35	GREEN/PURPLE
17	0.5	GREY/ORANGE
18	0.5	PURPLE/ORANGE
19	0.35	PURPLE/BROWN
20	0.35	GREEN/BROWN
21	0.35	BLUE/GREEN
22	0.35	PURPLE/BROWN
23	0.75	WHITE/PURPLE
24	0.35	GREEN/ORANGE
25	0.35	BLUE/GREY
26	0.75	GREY/YELLOW

TRUCKS



Connector Code	C2H105-B	
Connector Description	TO EATC_2	
Pin Layout	Wire Thickness	Wiring Colour
4	0.35	WHITE
5	0.35	WHITE
19	0.35	WHITE/BLUE
21	0.35	PURPLE/GREY
22	0.35	YELLOW/ORANGE
27	0.35	GREY
29	0.35	GREEN/BLUE

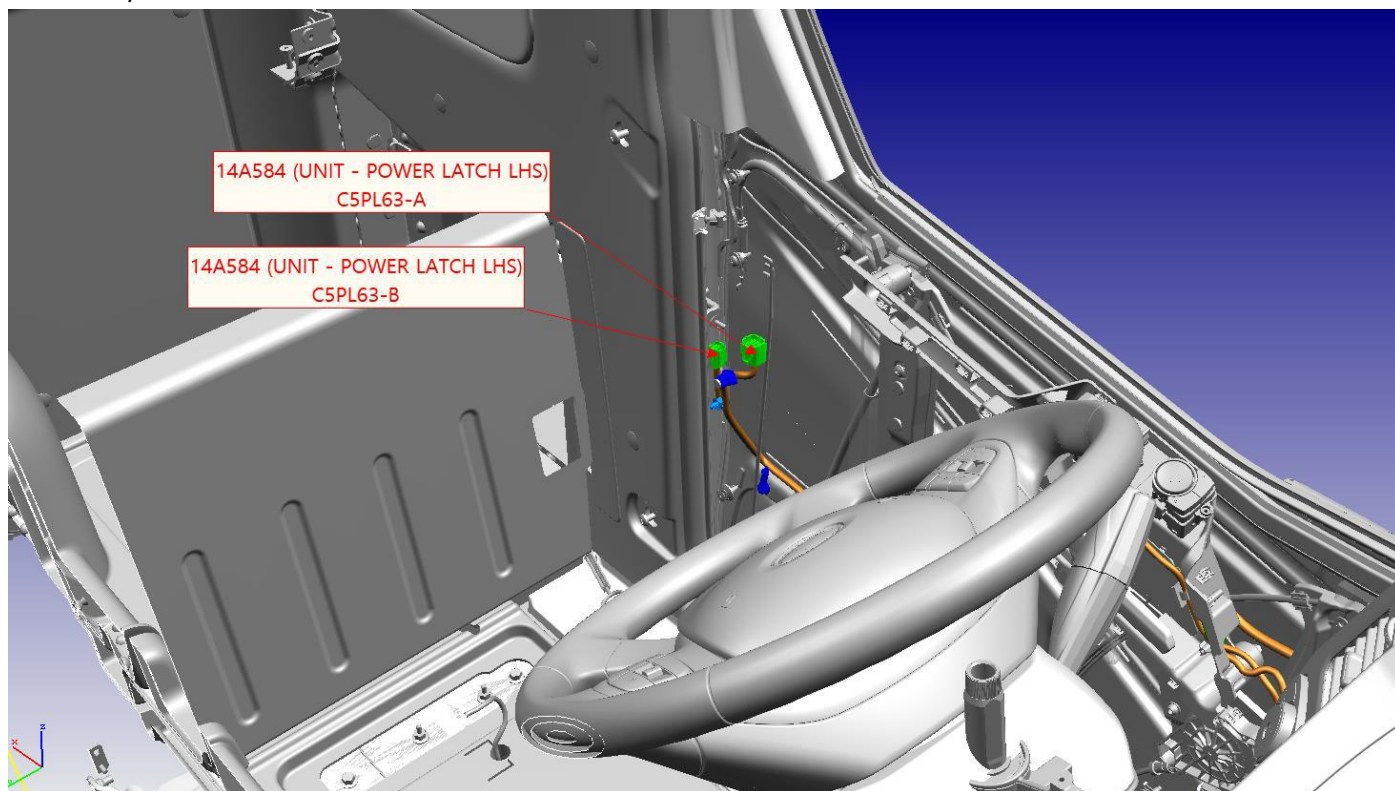
14A584 → Door internal wiring - Left



TRUCKS

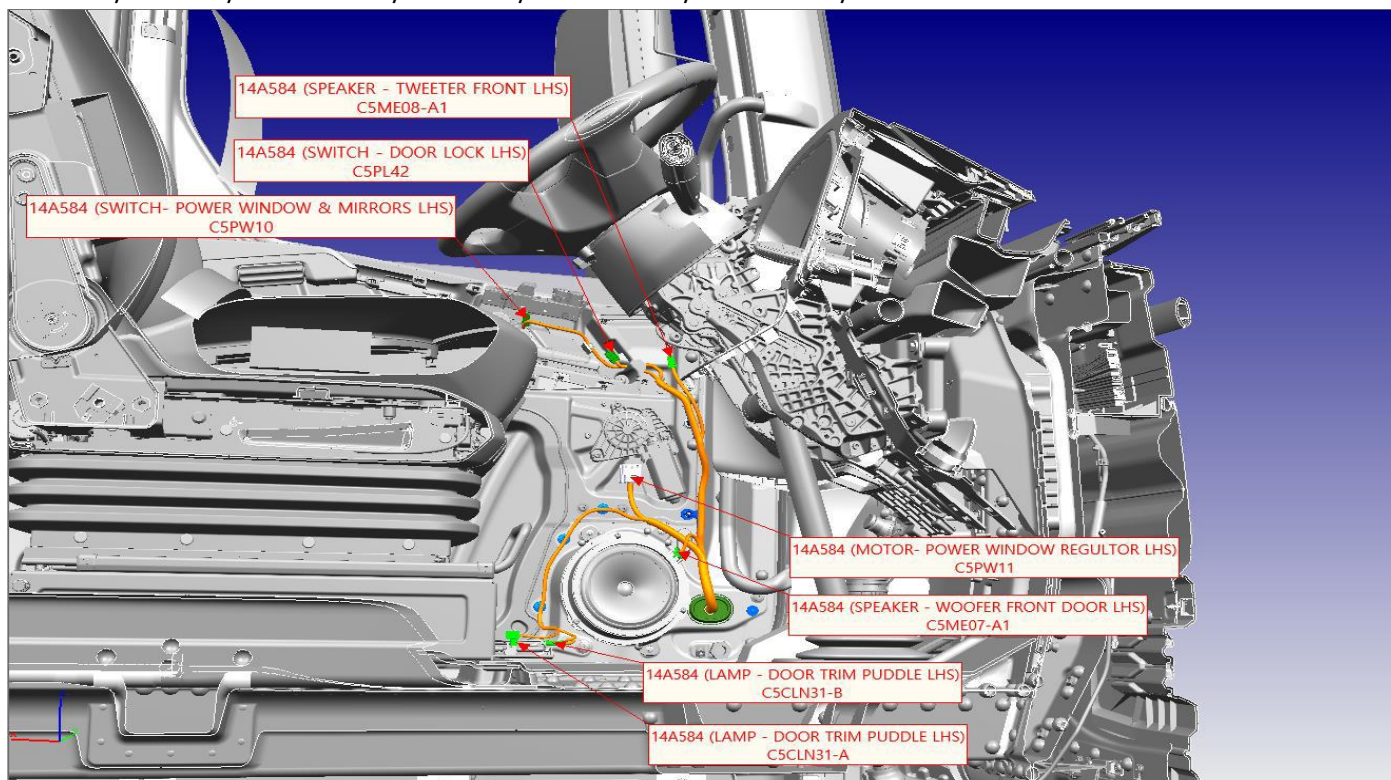

14A584 Wirings :

C5PL63-A / C5PL63-B Connectors:

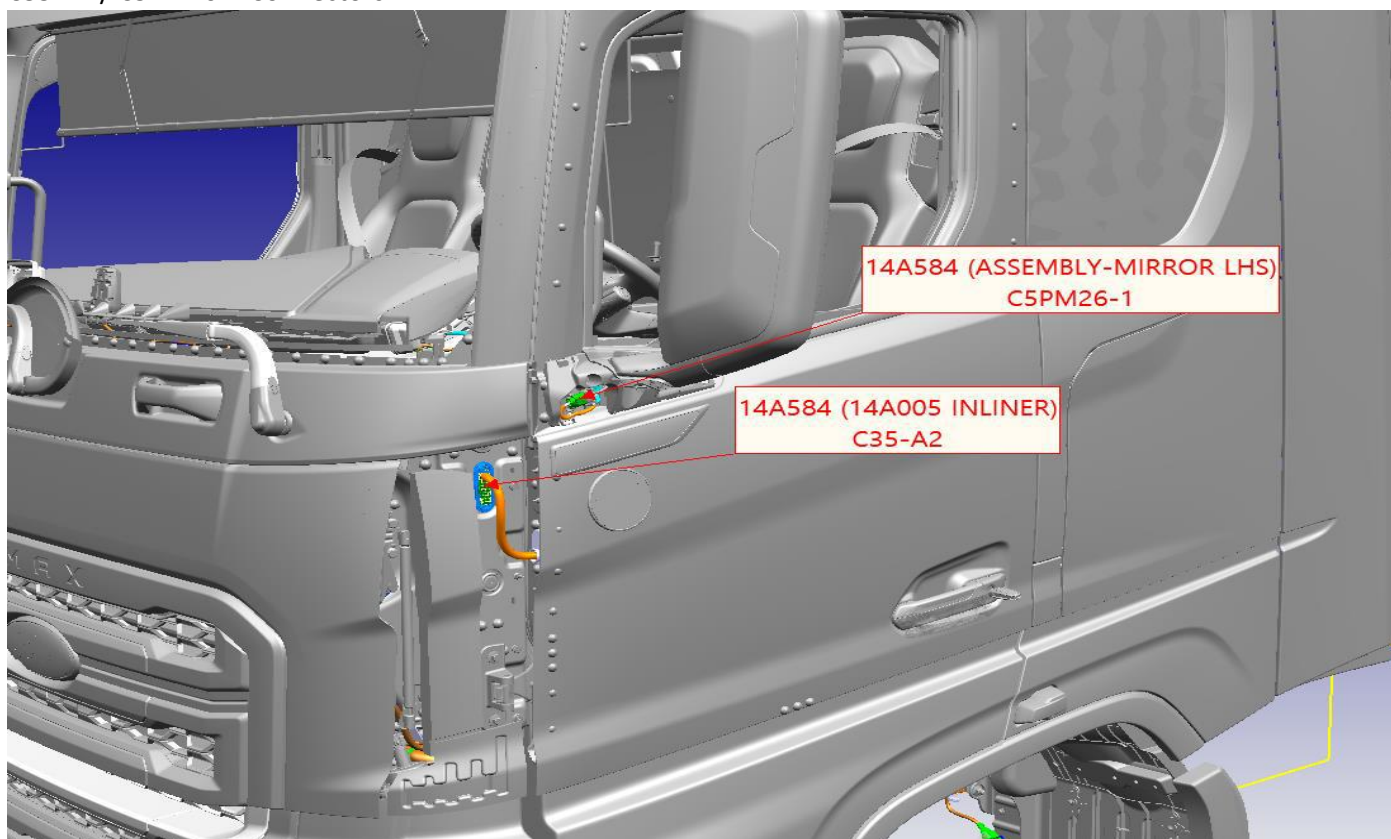


TRUCKS

C5PW10 / C5PL42 / C5ME08-A1 / C5PW11 / C5ME07-A1 / C5CLN31-B / C5CLN31-A Connectors :

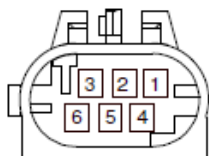


C35-A2 / C5PM26-1 Connectors:



TRUCKS

14K584 → Door internal wiring - Right side connector description

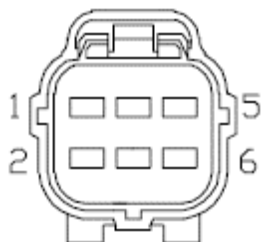


Connector Code	C5PM26-1	
Connector Description	HEATED MIRROR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK
2	0.5	BLACK
3	0.5	BLACK
4	0.5	BLACK
5	0.5	BLACK

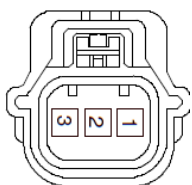


Connector Code	C5ME07-A1	
Connector Description	SPEAKER WOOFER FRONT DOOR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK
4	0.75	BLACK

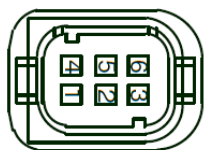
TRUCKS



Connector Code	C5PL63-A	
Connector Description	DOOR LATCH UNIT	
Pin Layout	Wire Thickness	Wiring Colour
1		BLACK
2	0.75	BLACK
3	0.75	BLACK
4	0.75	BLACK
5	0.75	BLACK
6	0.75	BLACK

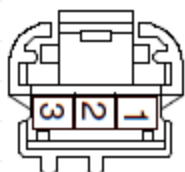


Connector Code	C5PL63-B	
Connector Description		
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLACK
2	0.35	BLACK
3	0.75	BLACK



Connector Code	C5PW11	
Connector Description	POWER WINDOW REGULATOR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLACK
3	1.5	BLACK
4	0.35	BLACK
5	0.35	BLACK
6	1.5	BLACK

TRUCKS



Connector Code	C5ME08-A1	
Connector Description	SPEAKER TWEETER FRONT DOOR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK
2		
3	0.75	BLACK

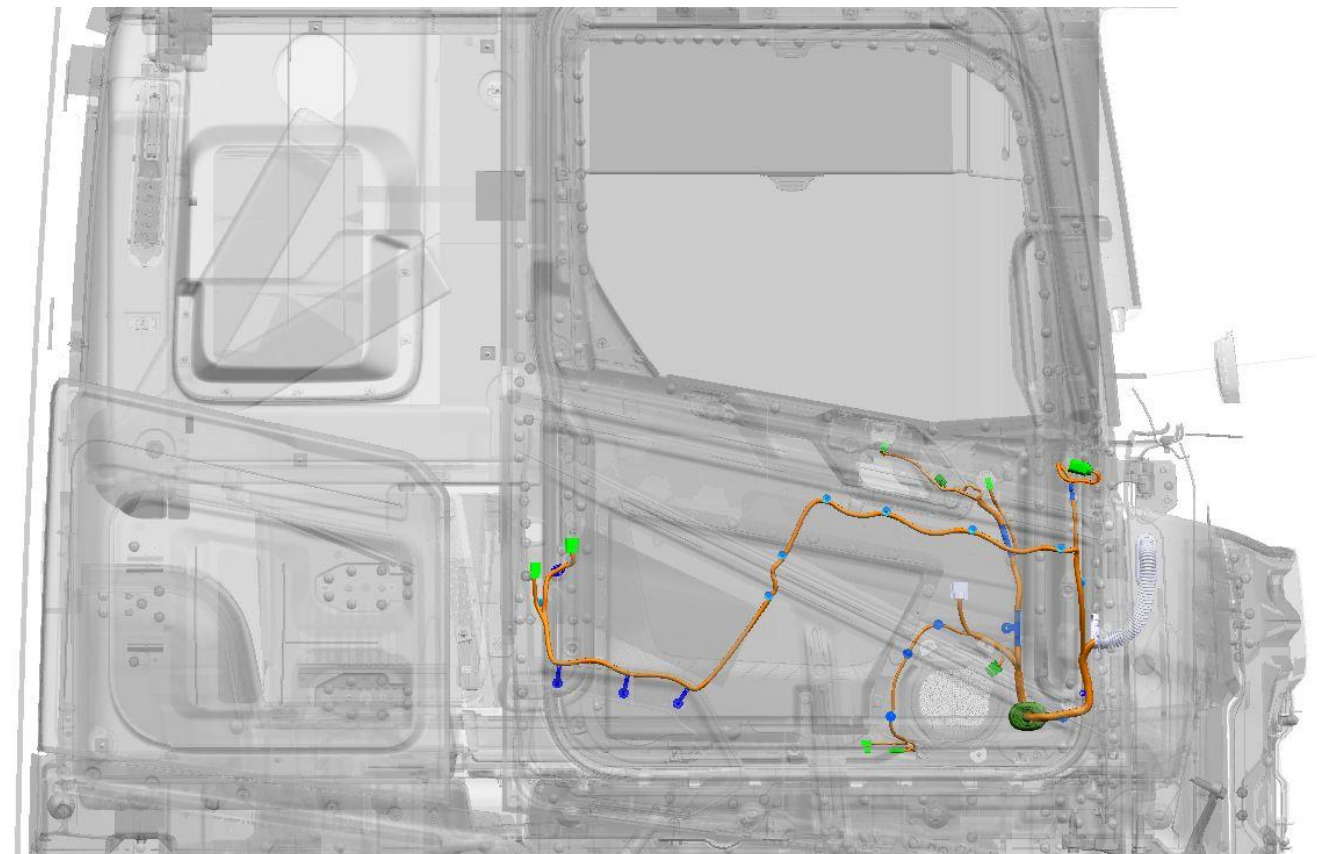
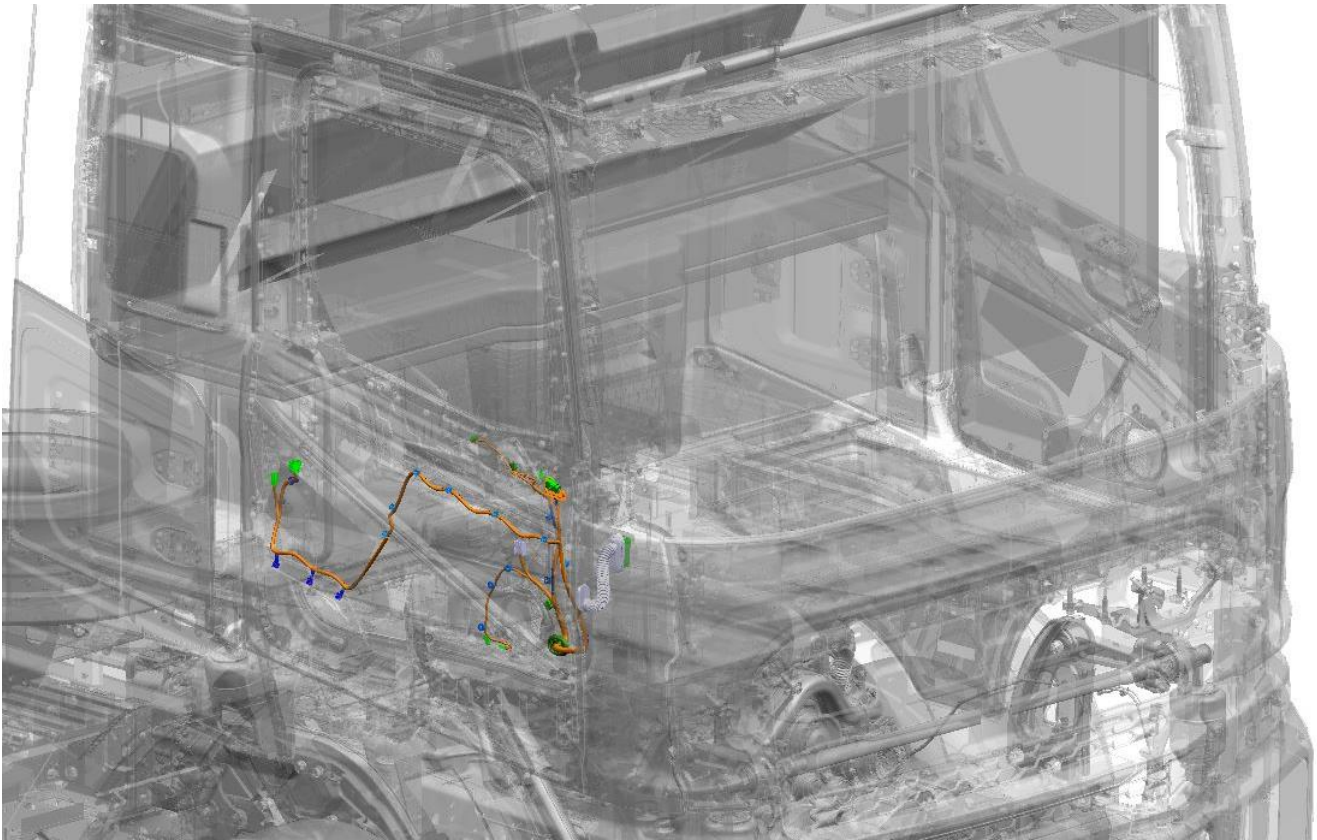


Connector Code	C5CLN31-A	
Connector Description	DOOR TRIM PUDDLE LAMP (POWER)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK



Connector Code	C5CLN31-B	
Connector Description	DOOR TRIM PUDDLE LAMP (GROUND)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK

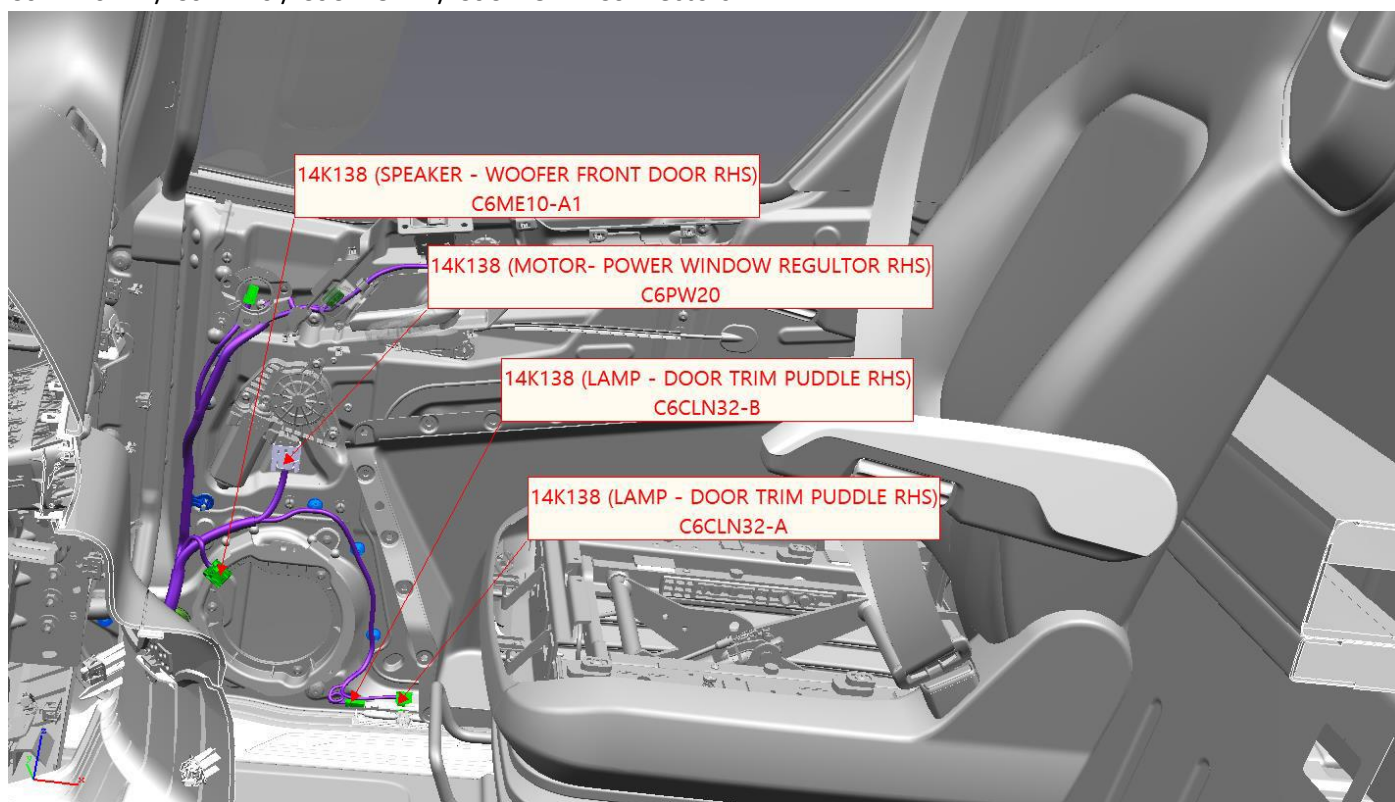
14K138 → Door internal wiring - Right



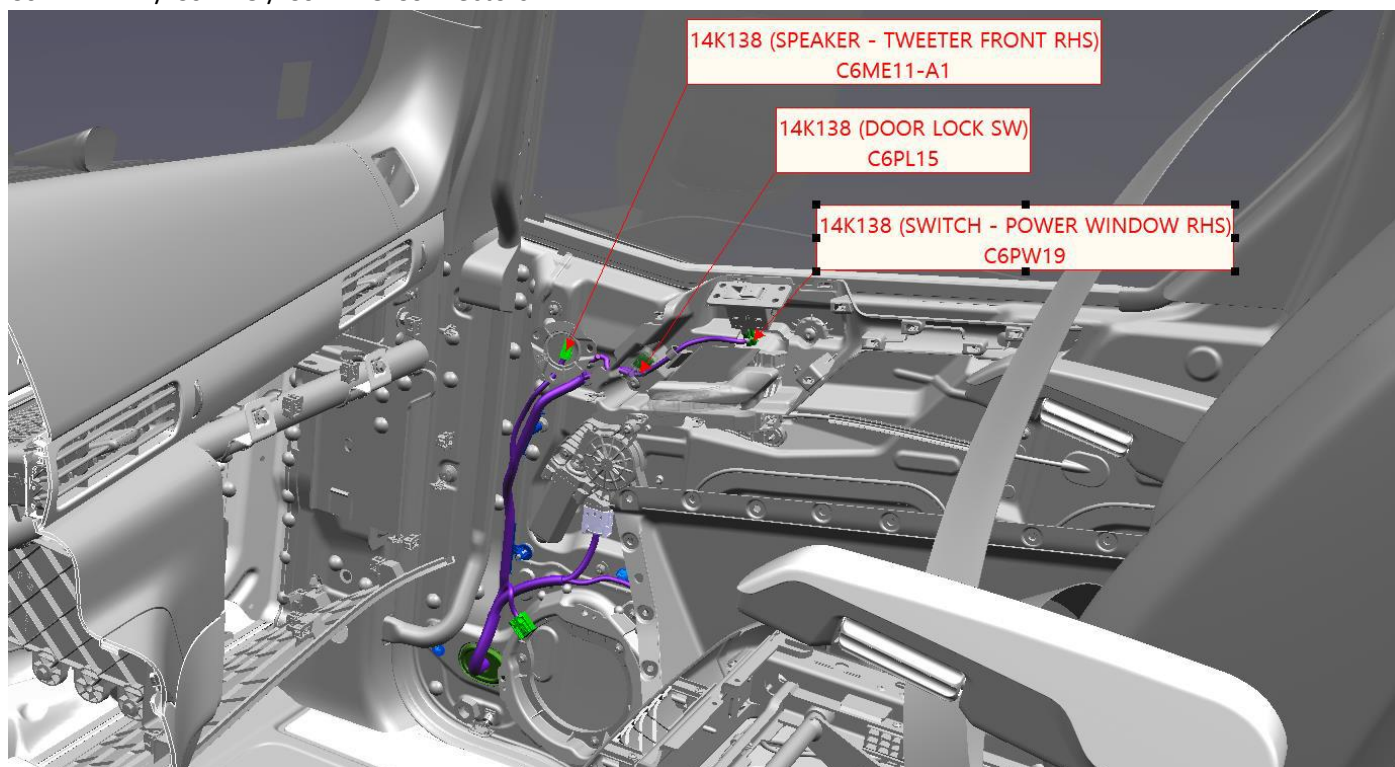
TRUCKS

14K138 Wiring :

C6ME10-A1 / C6PW20 / C6CLN32-B / C6CLN32-A Connectors:

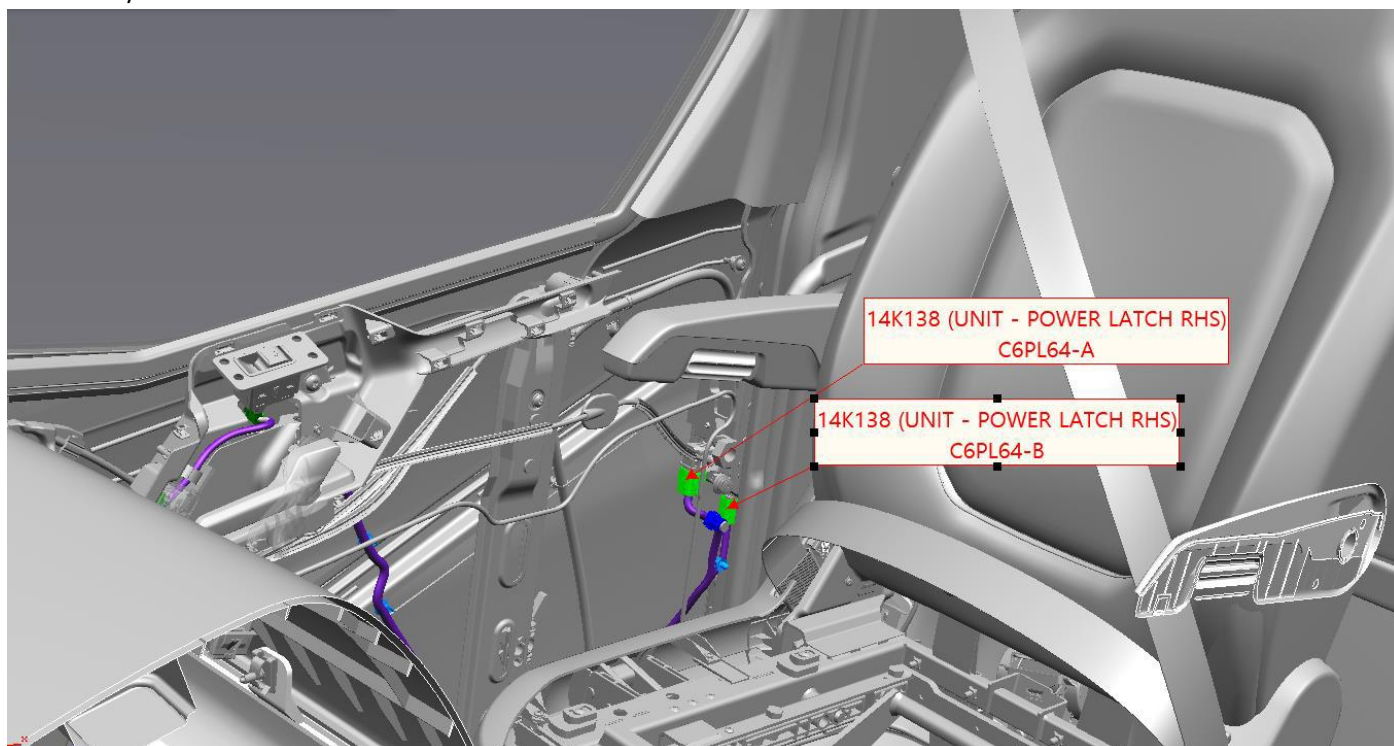


C6ME11-A1 / C6PL15 / C6PW19 Connectors:

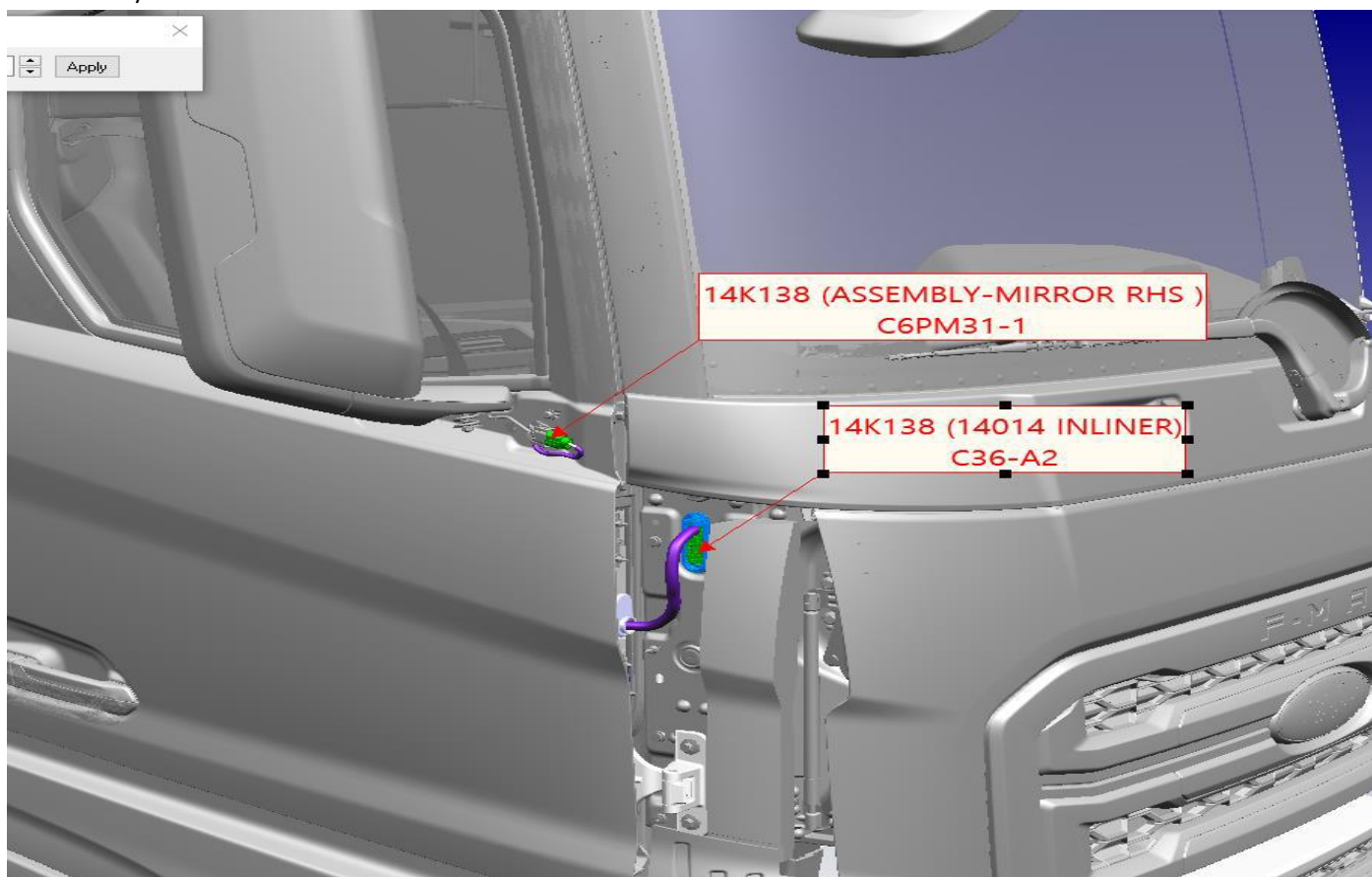


TRUCKS

C6PL64-A / C6PL64-B Connectors:

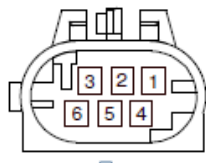


C6PM31-1 / C36-A2 Connectors :



TRUCKS

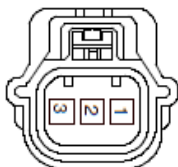
14K138 → Door internal wiring - Right side connector description



Connector Code	C6PM31-1	
Connector Description	TO HEATED MIRROR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK
2	0.75	BLACK
3	0.75	BLACK
4	0.75	BLACK
5	0.75	BLACK
6		

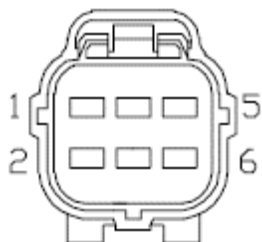


Connector Code	C6ME10-A1	
Connector Description	TO SPEAKER WOOFER FRONT DOOR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK
2		
3		
4	0.75	BLACK



Connector Code	C6PL64-B	
Connector Description	TO DOOR AJAR SW	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK
2	0.35	BLACK
3	0.35	BLACK

TRUCKS



Connector Code	C6PL64-A	
Connector Description	TO DOOR LATCH UNIT	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK
2	0.75	BLACK
3	0.75	BLACK
4	0.75	BLACK
5		
6	0.75	BLACK



Connector Code	C6ME11-A1	
Connector Description	SPEAKER - TWEETER FRONT RHS	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK
2		
3	0.75	BLACK

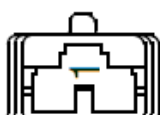


Connector Code	C6PW20	
Connector Description	TO POWER WINDOW REGÜLATÖR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLACK
2		
3	1.5	BLACK
4	0.25	BLACK
5	0.35	BLACK
6	1.5	BLACK

TRUCKS



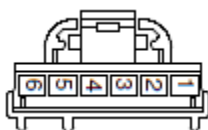
Connector Code	C6CLN32-A	
Connector Description	TO DOOR TRIM PUDDLE LAMP (POWER)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK



Connector Code	C6CLN32-B	
Connector Description	TO DOOR TRIM PUDDLE LAMP (GROUND)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK



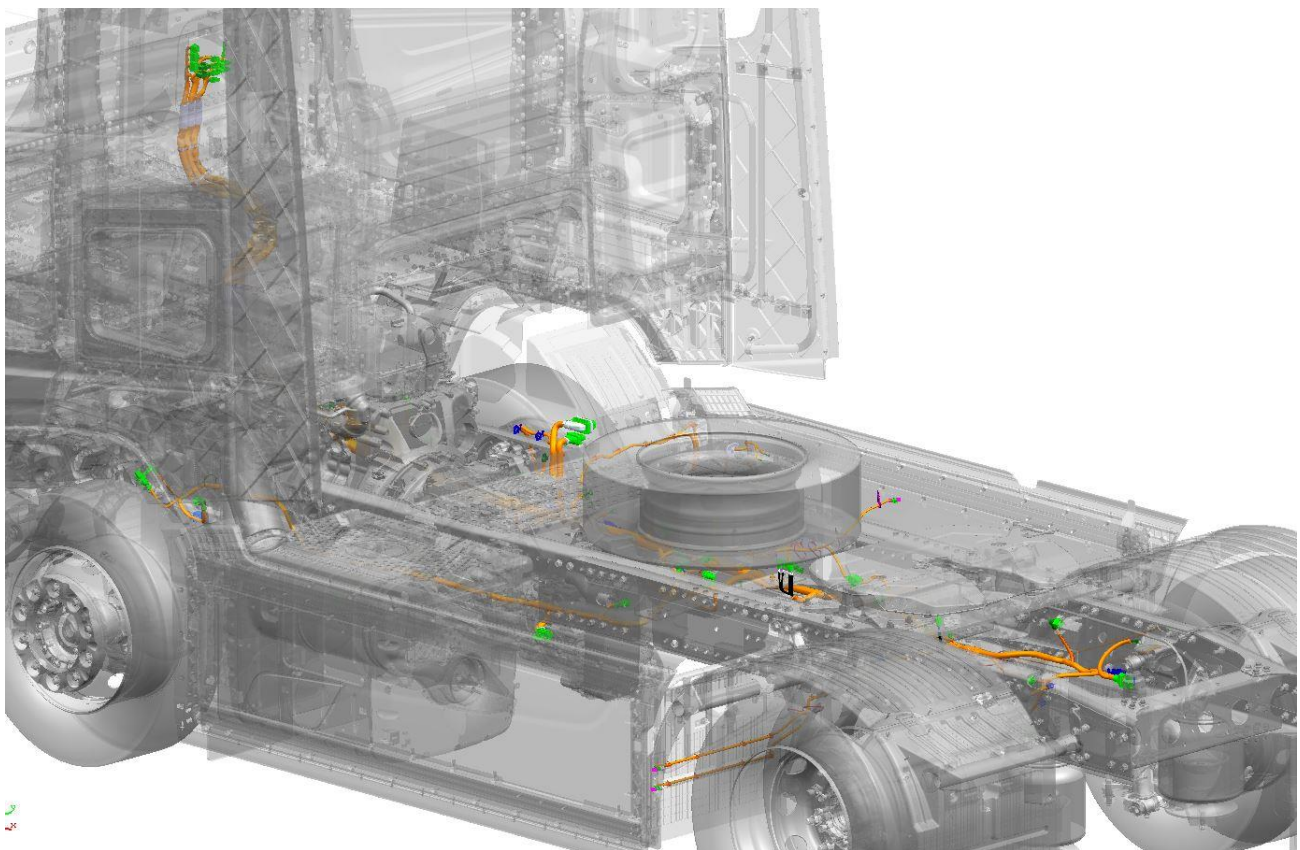
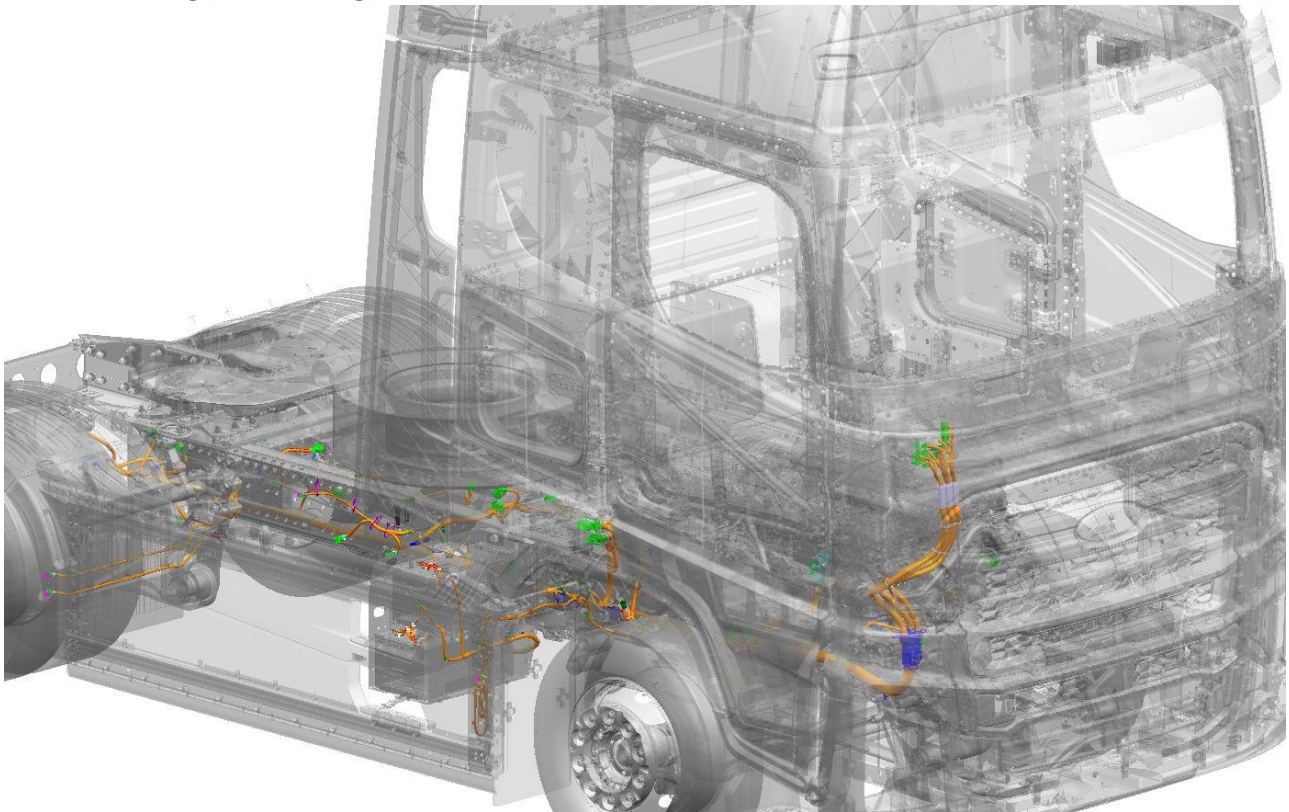
Connector Code	C6PL15	
Connector Description	TO DOOR LOCK SW	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	BLACK
2	0.75	BLACK
3	0.75	BLACK
4	0.75	BLACK
5	0.35	BLACK

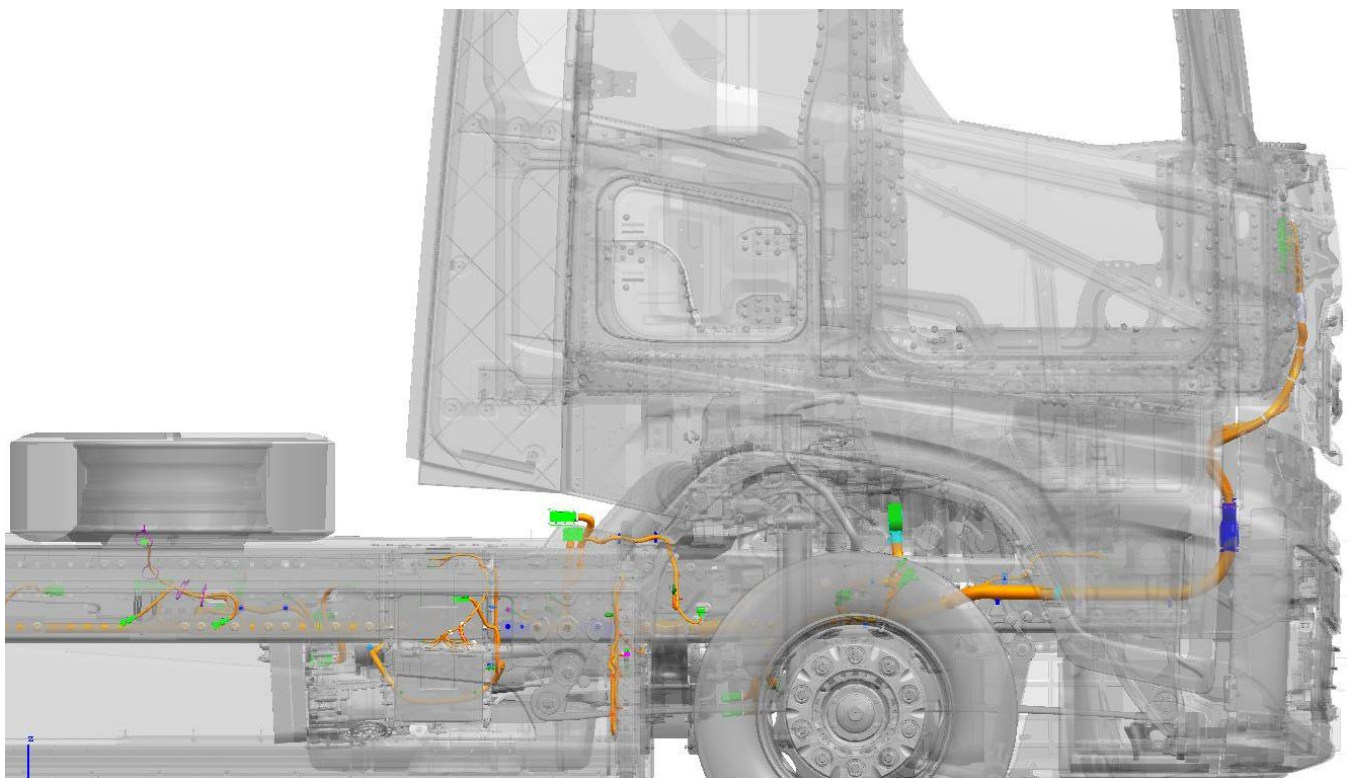
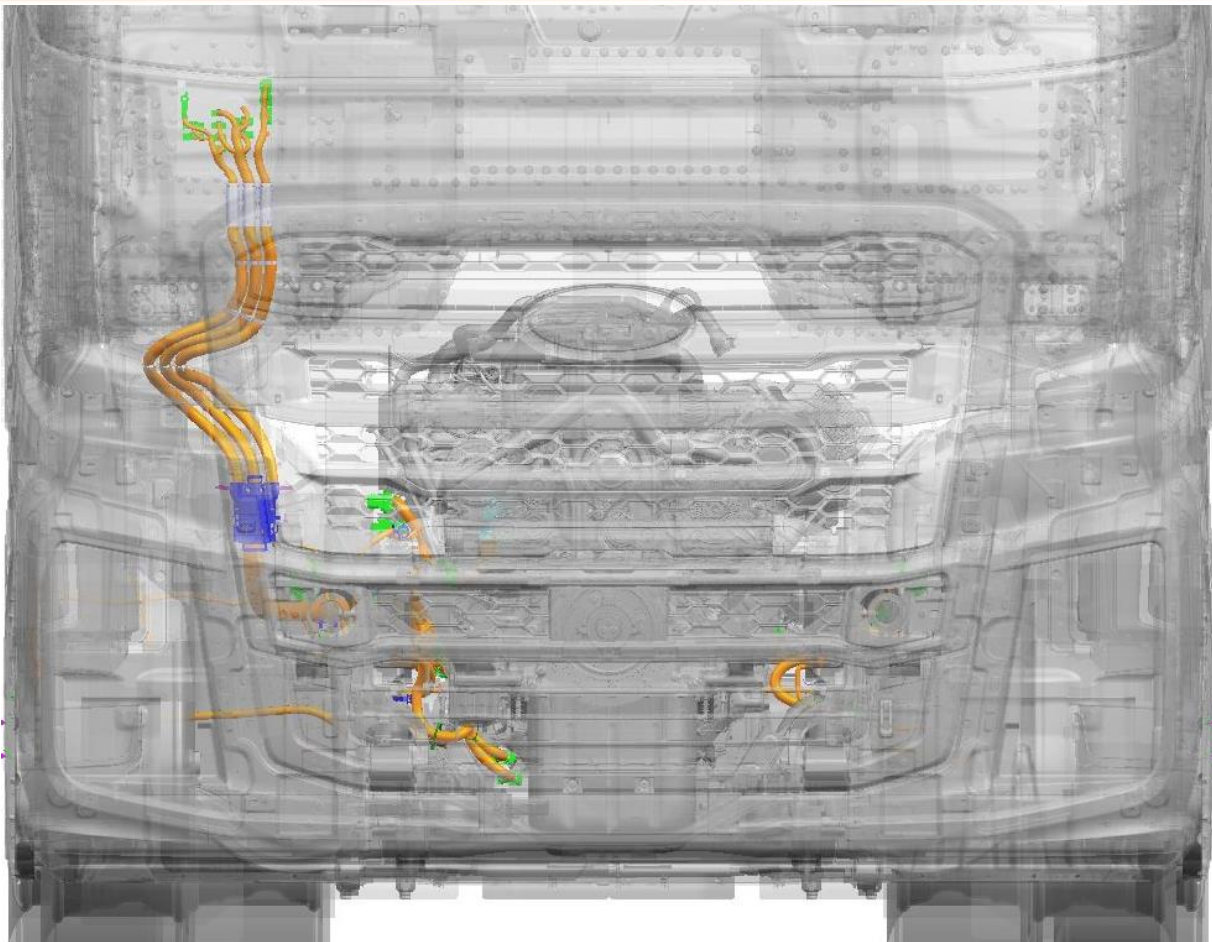


Connector Code	C6PW19	
Connector Description	TO POWER WINDOW SW	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK
2	0.35	BLACK
3	0.35	BLACK
4	0.35	BLACK

TRUCKS

14398 → BCU wiring (Main Wiring)

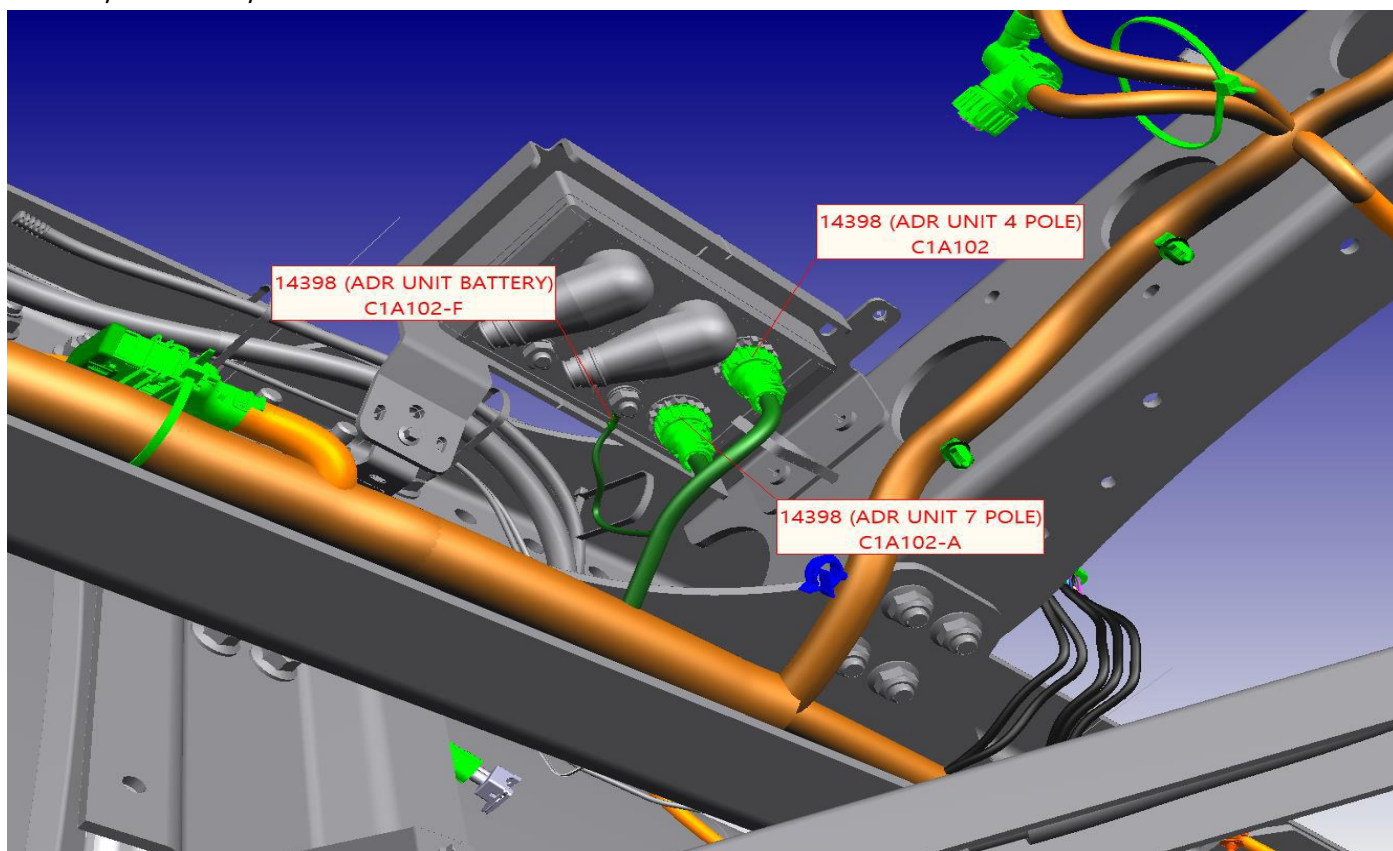




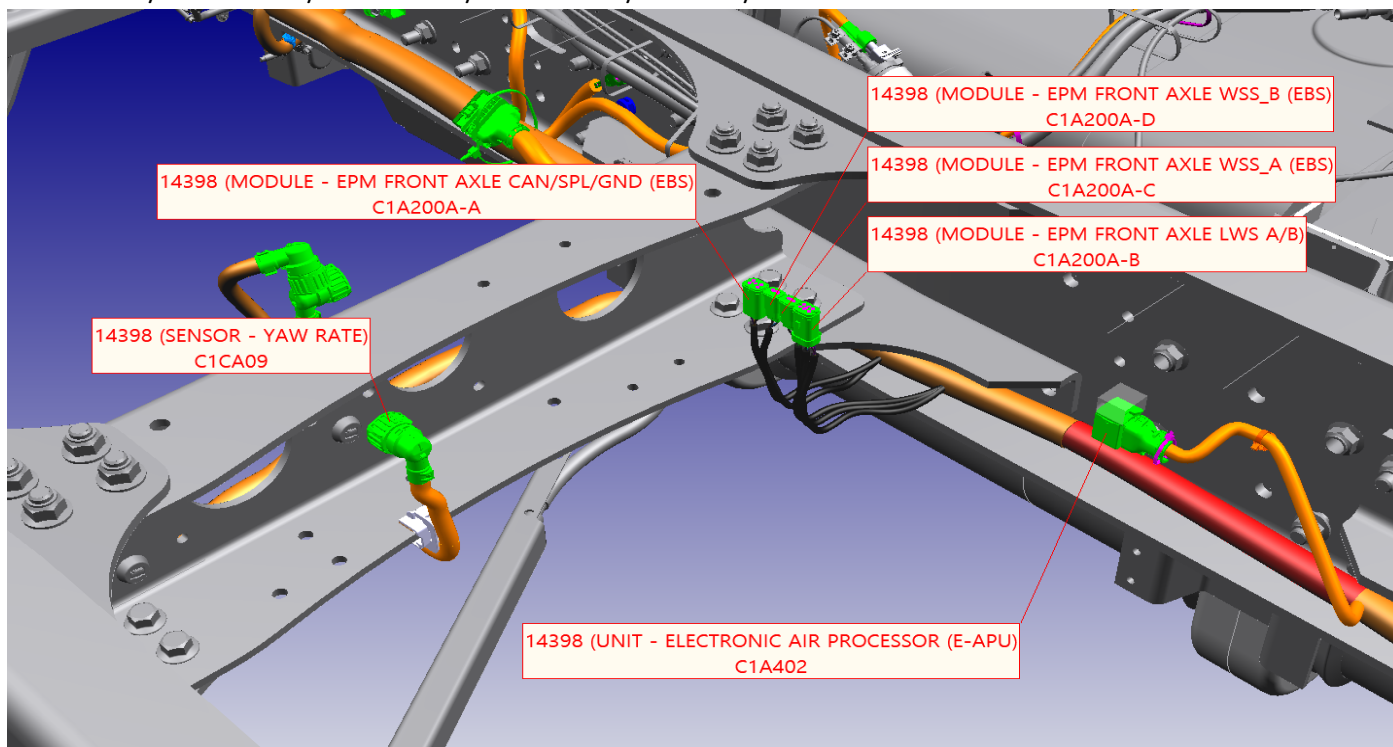
TRUCKS

14398 Wiring:

C1A102 / C1A102-A / C1A102-F Connectors:

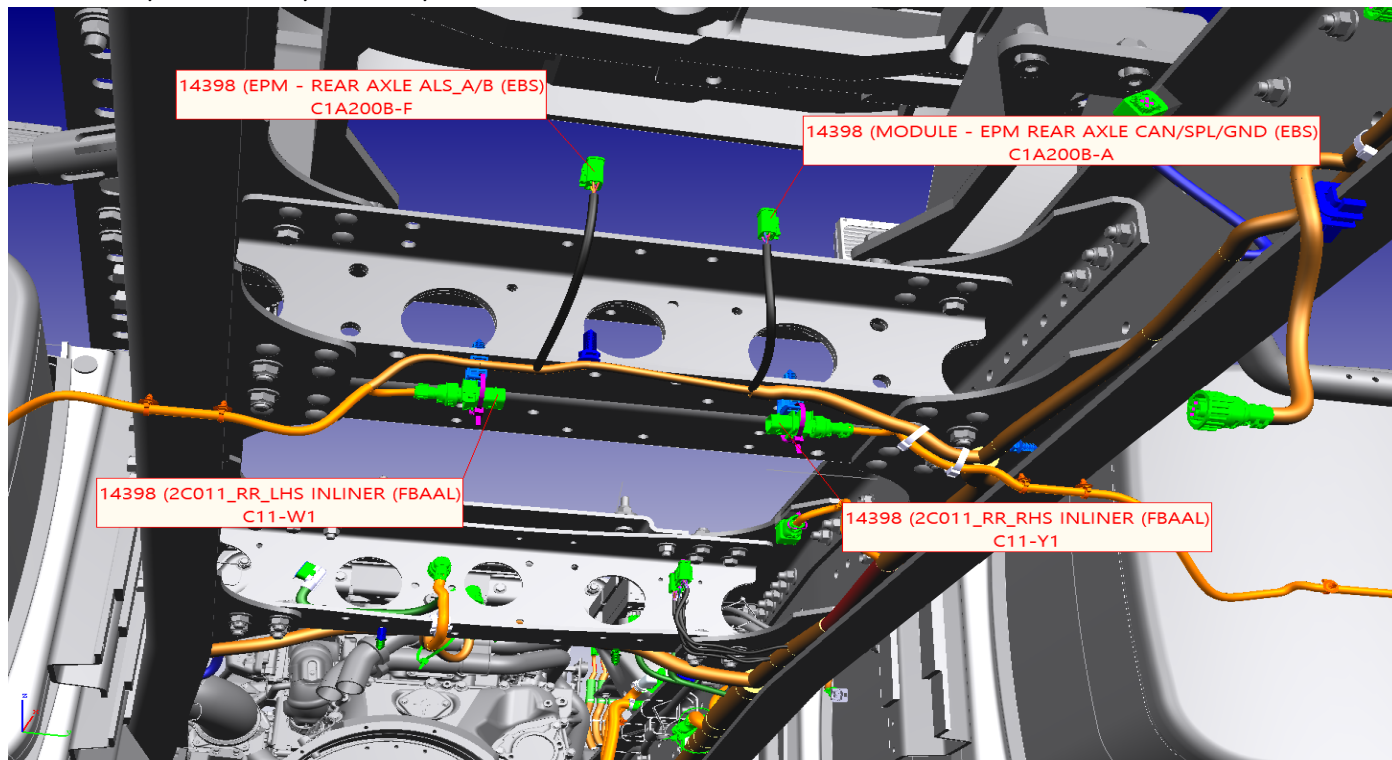


C1A200A-A / C1A200A-B / C1A200A-C / C1A200A-D / C1CA09 / C1A402 Connectors:

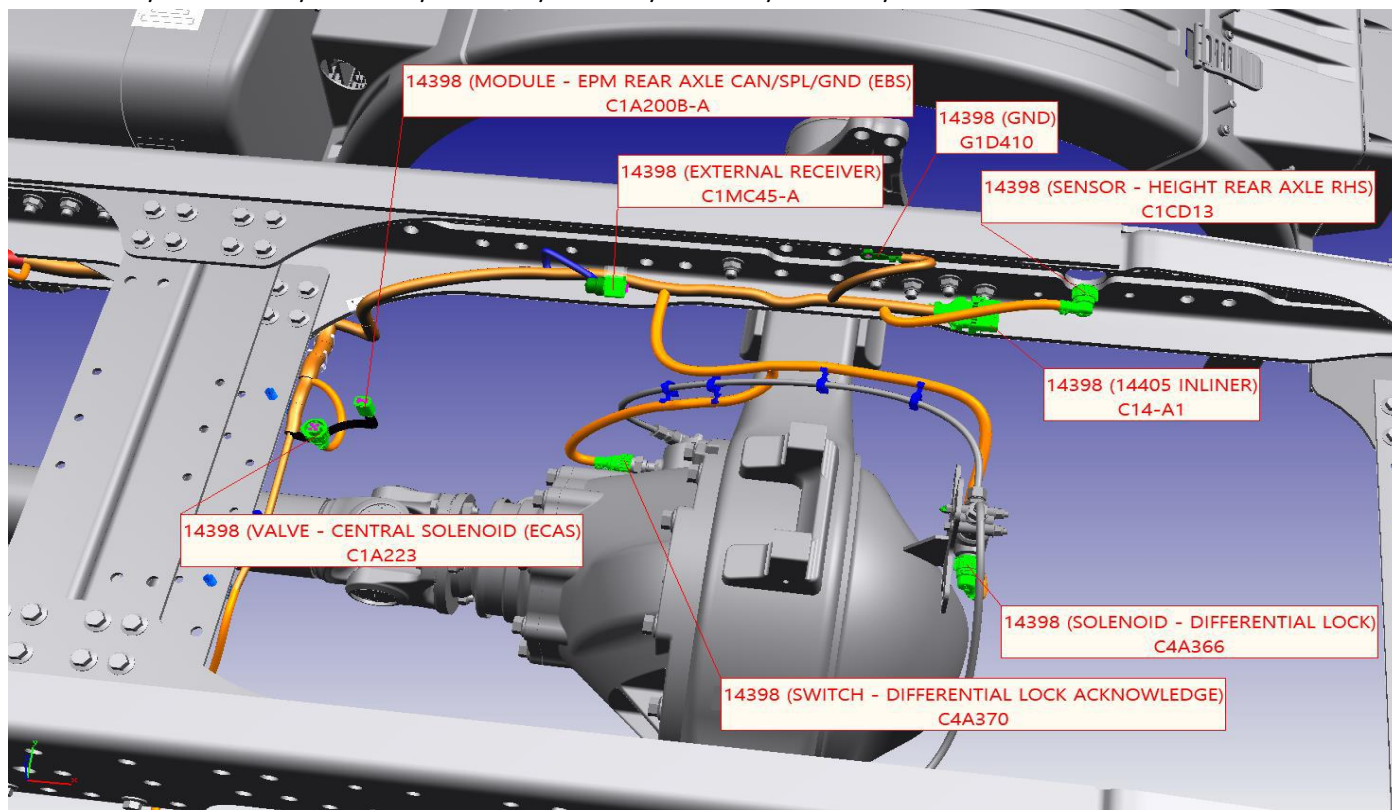


TRUCKS

C1A200B-A / C1A200B-F / C11-W1 / C11-Y1 Connectors:

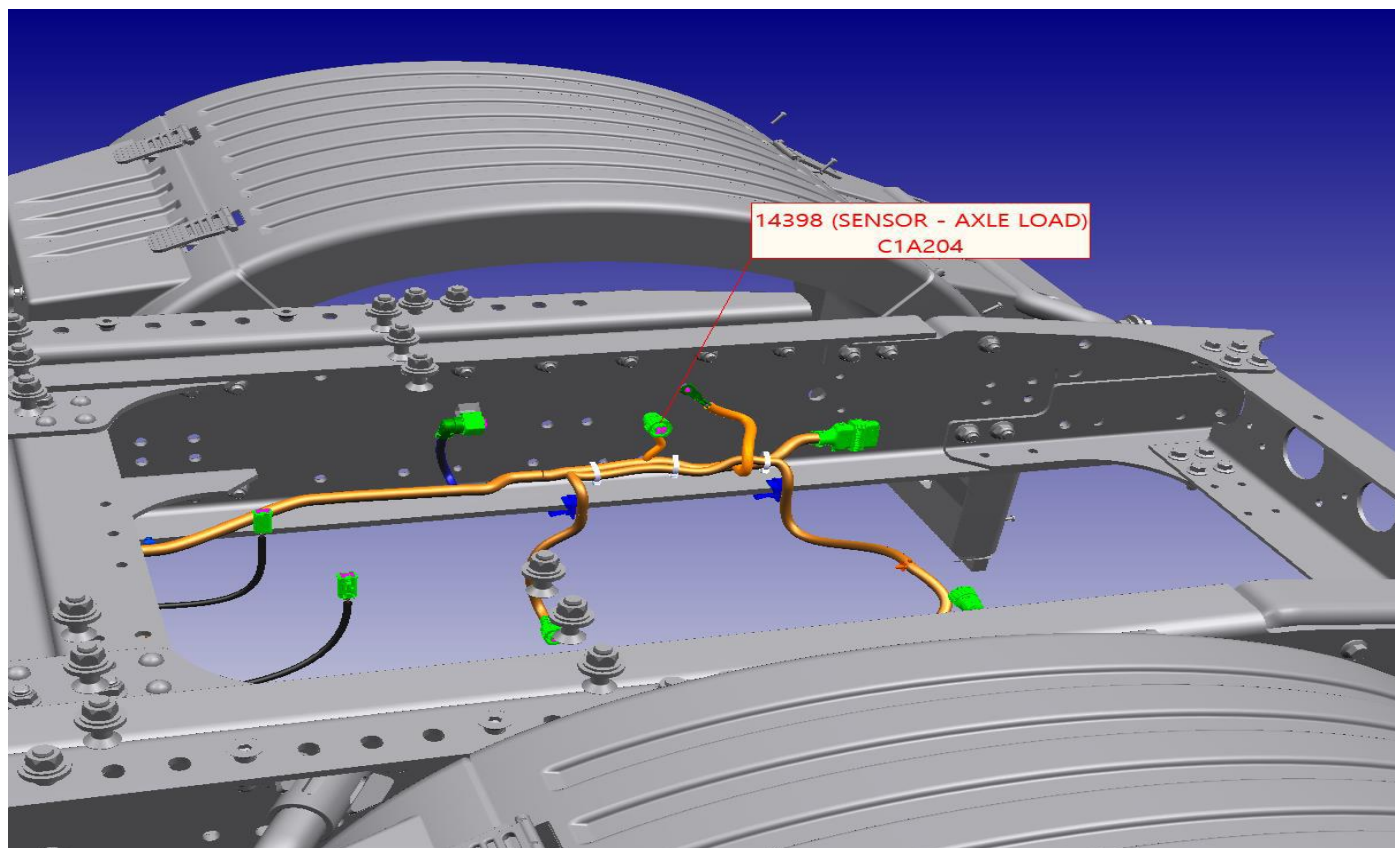


C1A200B-A / C1MC45-A / G1D410 / C1CD13 / C14-A1 / C4A366 / C4A370 / C1A223 Connectorler:

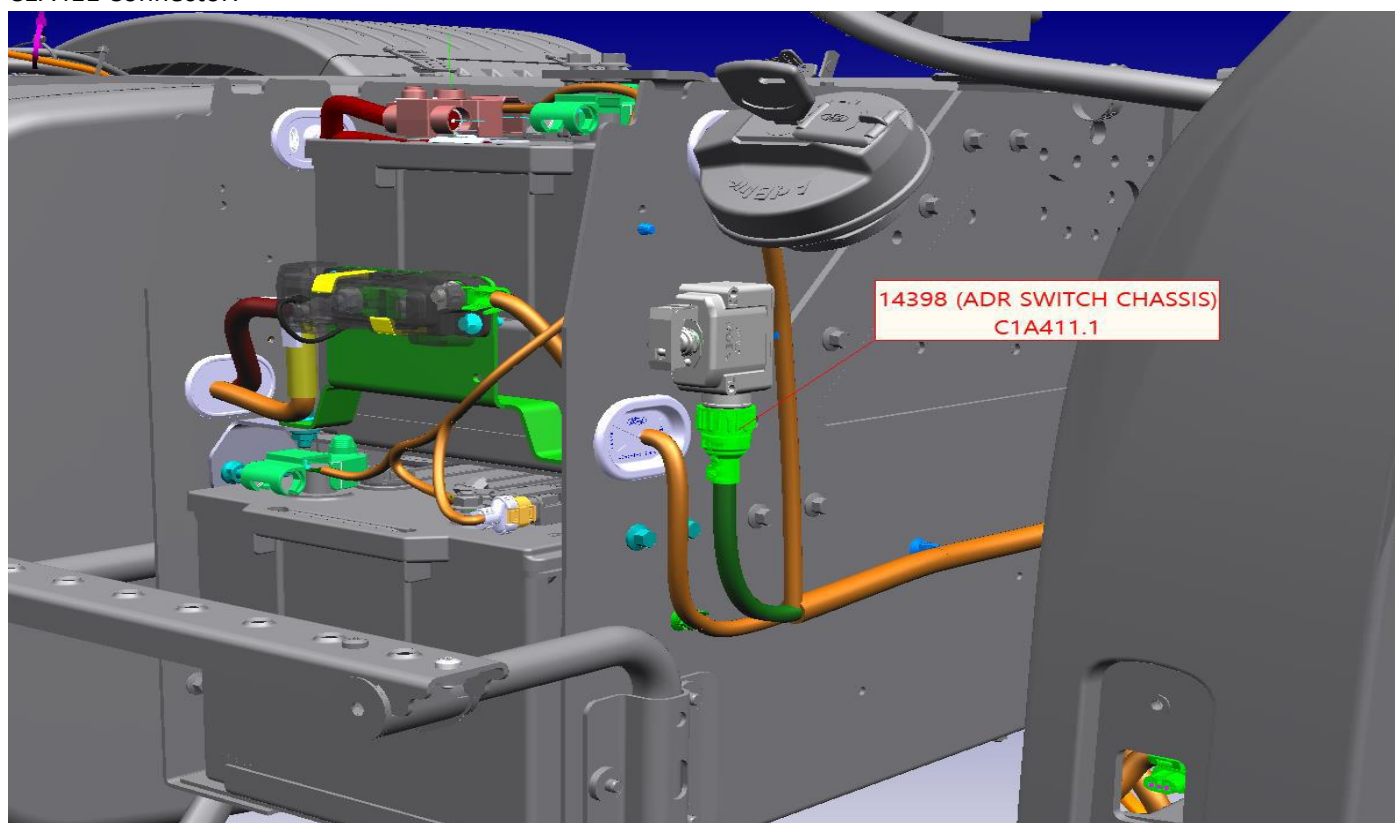


TRUCKS

C1A204 Connector:

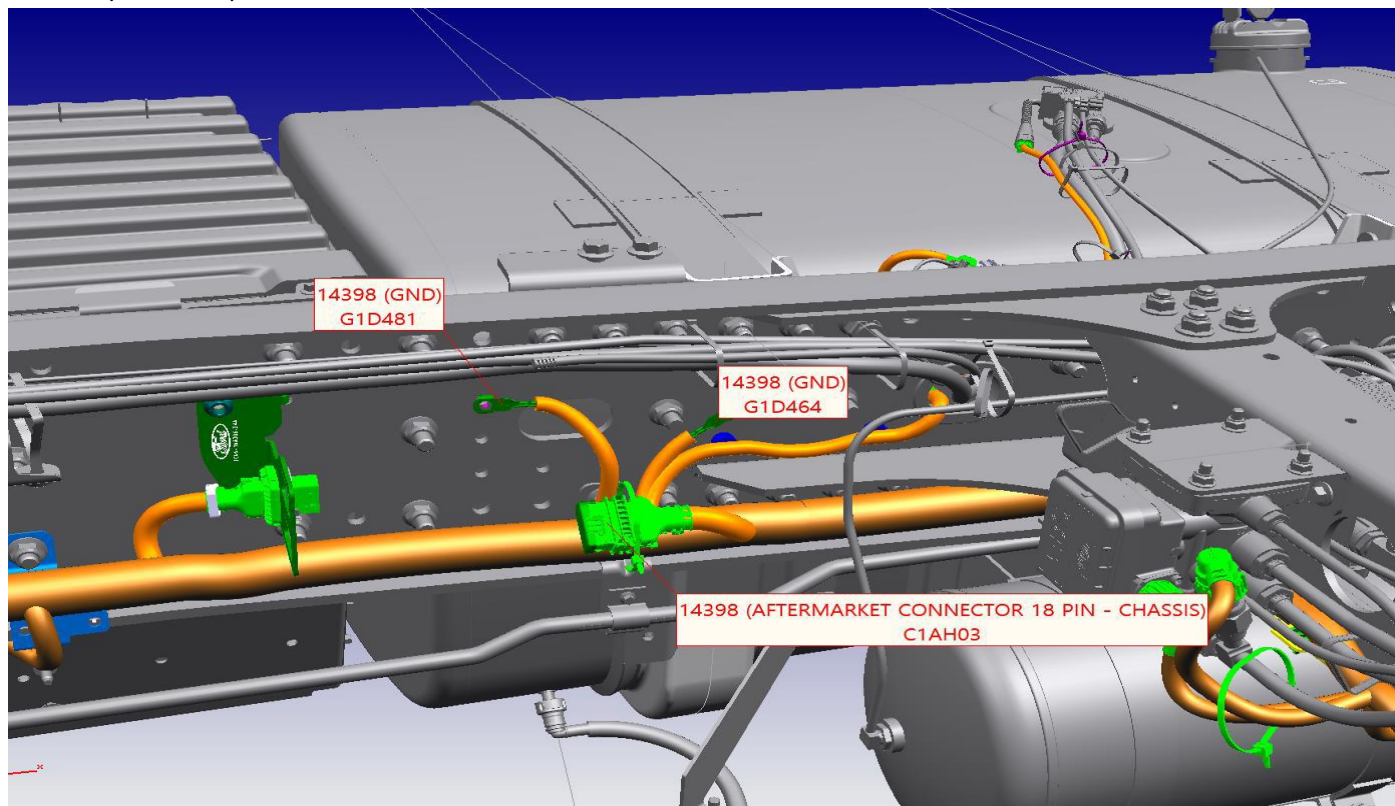


C1A411 Connector:

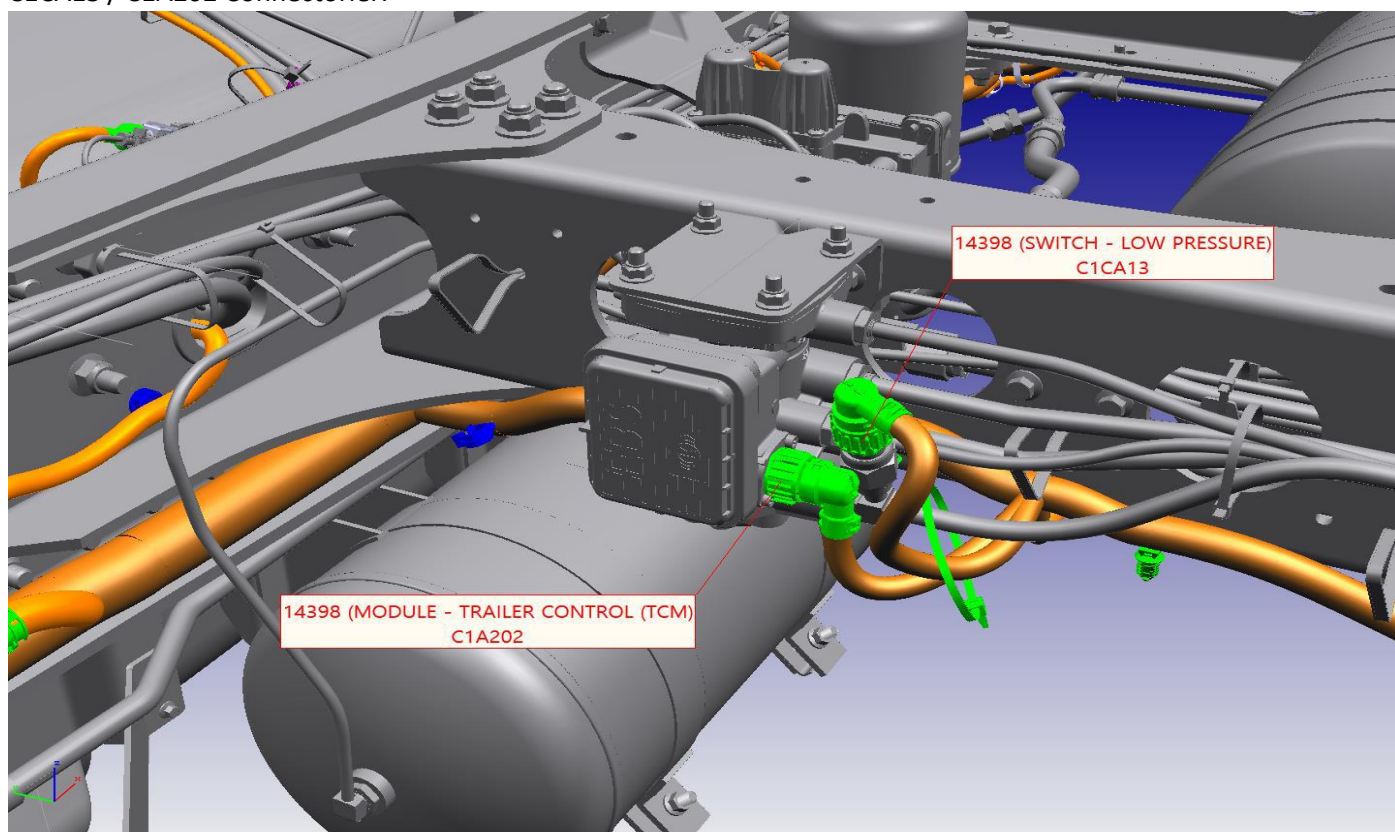


TRUCKS

C1AH03 / G1D464 / G1D481 Connectorler:

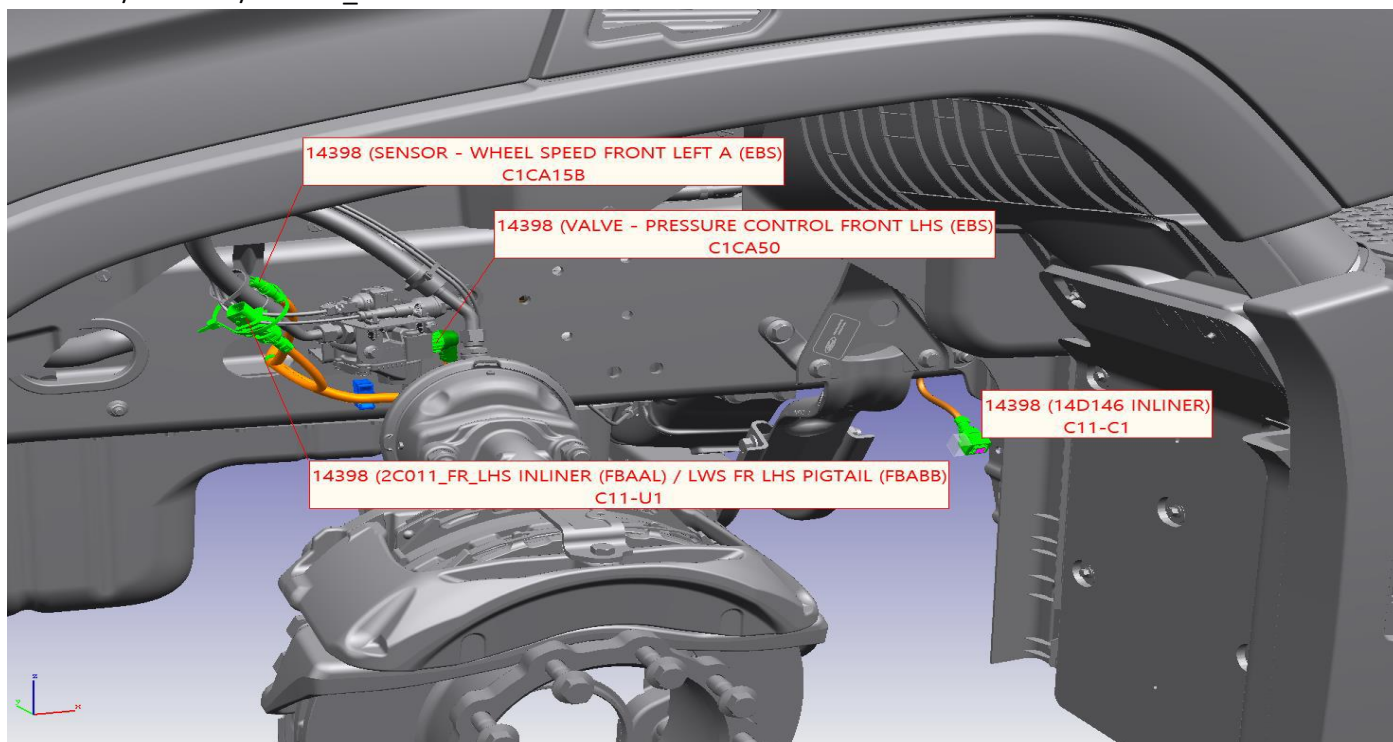


C1CA13 / C1A202 Connectorler:

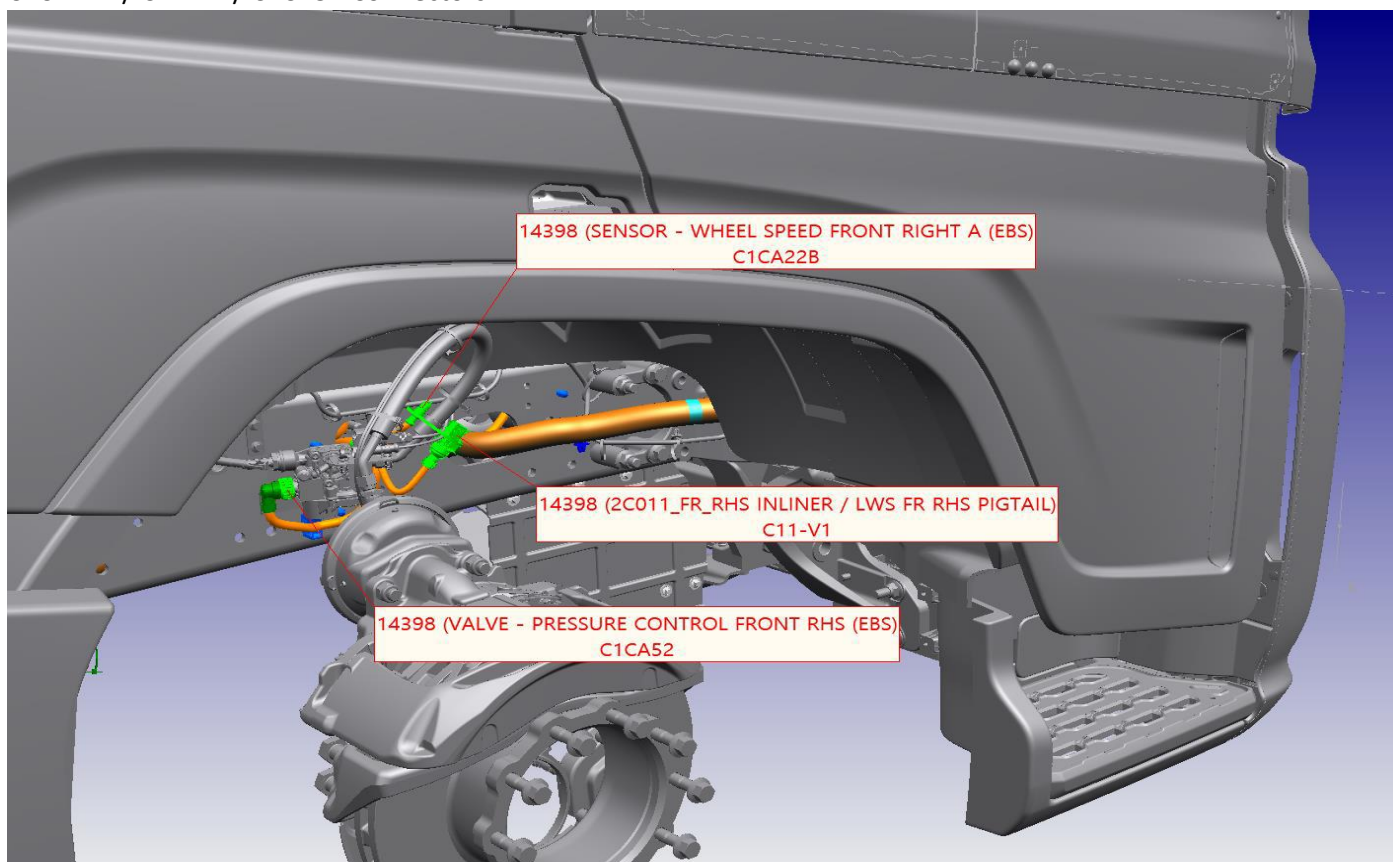


TRUCKS

C1CA15B / C1CA50 / C11-C1_C11-U1 Connectorler:

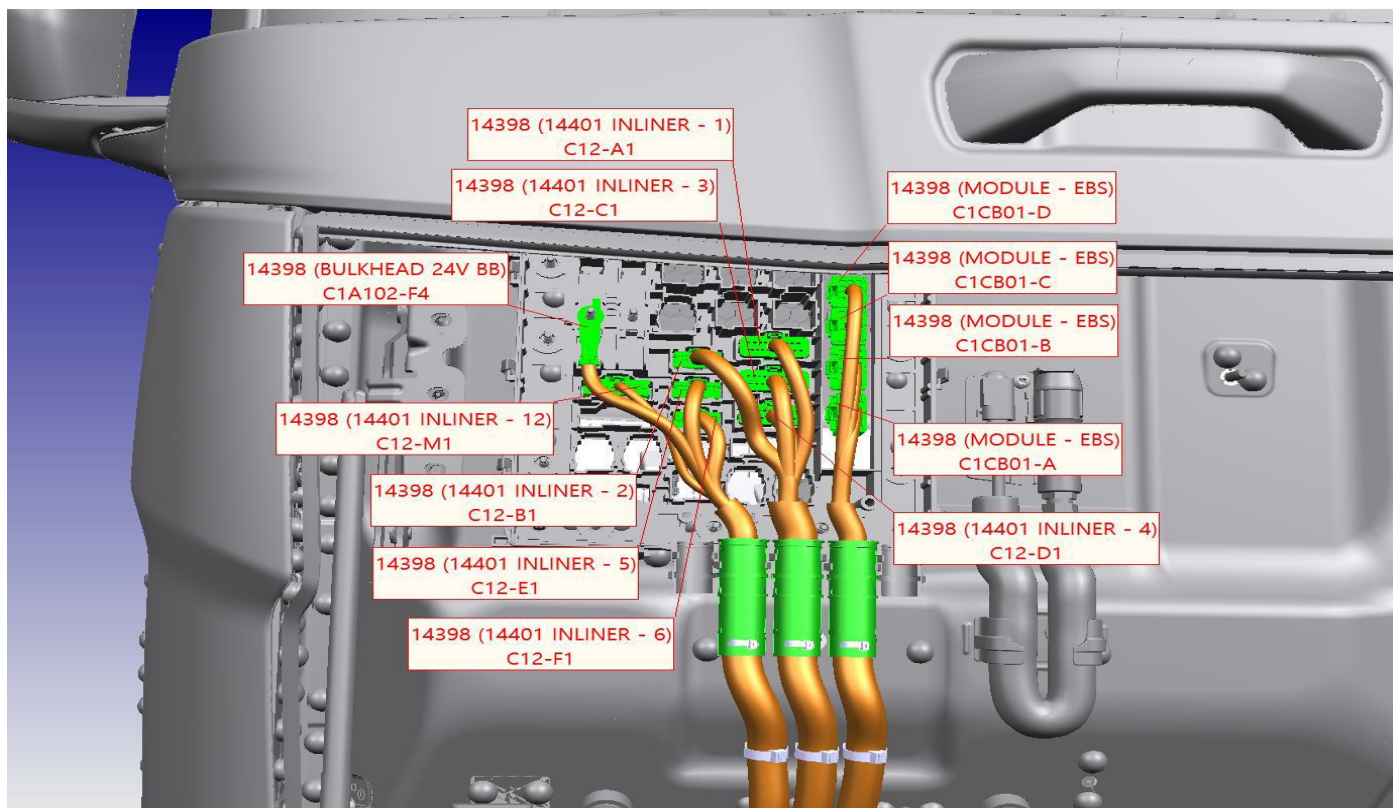


C1CA22B / C11-V1 / C1CA52 Connectors:

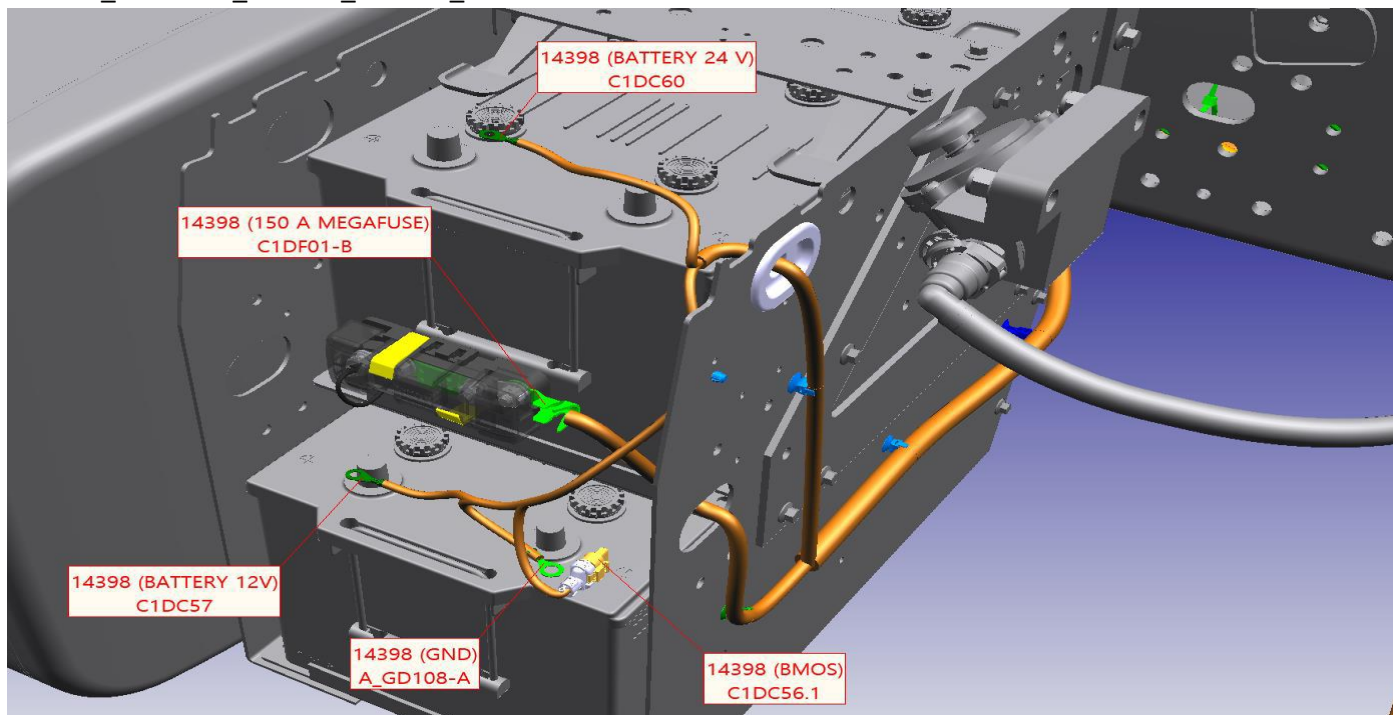


TRUCKS

C1CB01-A / C1CB01-B / C1CB01-C / C1CB01-D / C12-A1 / C12-C1 / C12-D1 / C1A102-F4 / C12-M1 / C12-B1 / C12-E1 / C12-F1
 Connectorler:

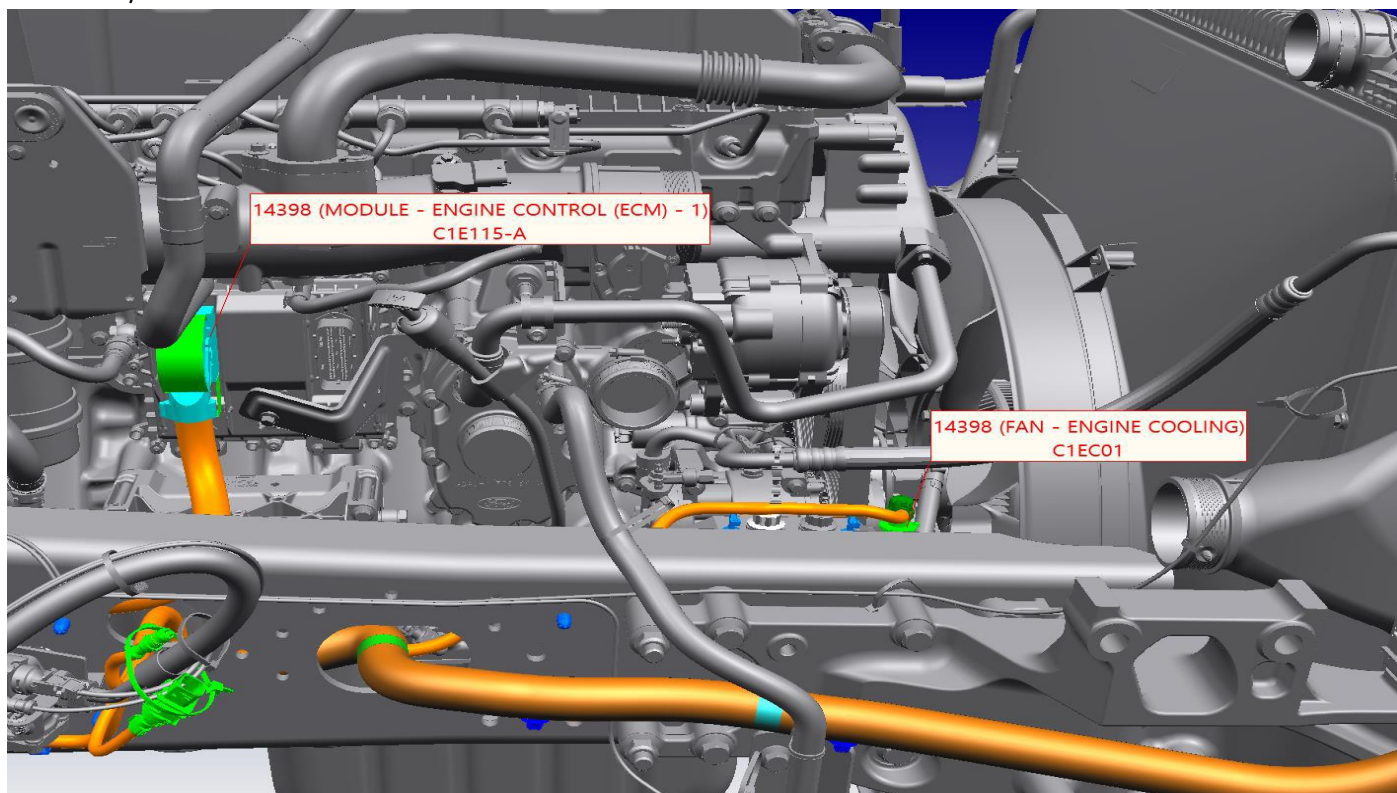


C1DC60_C1DF01-B_C1DC57_C1DC56_A-GD108-A Connectorler:

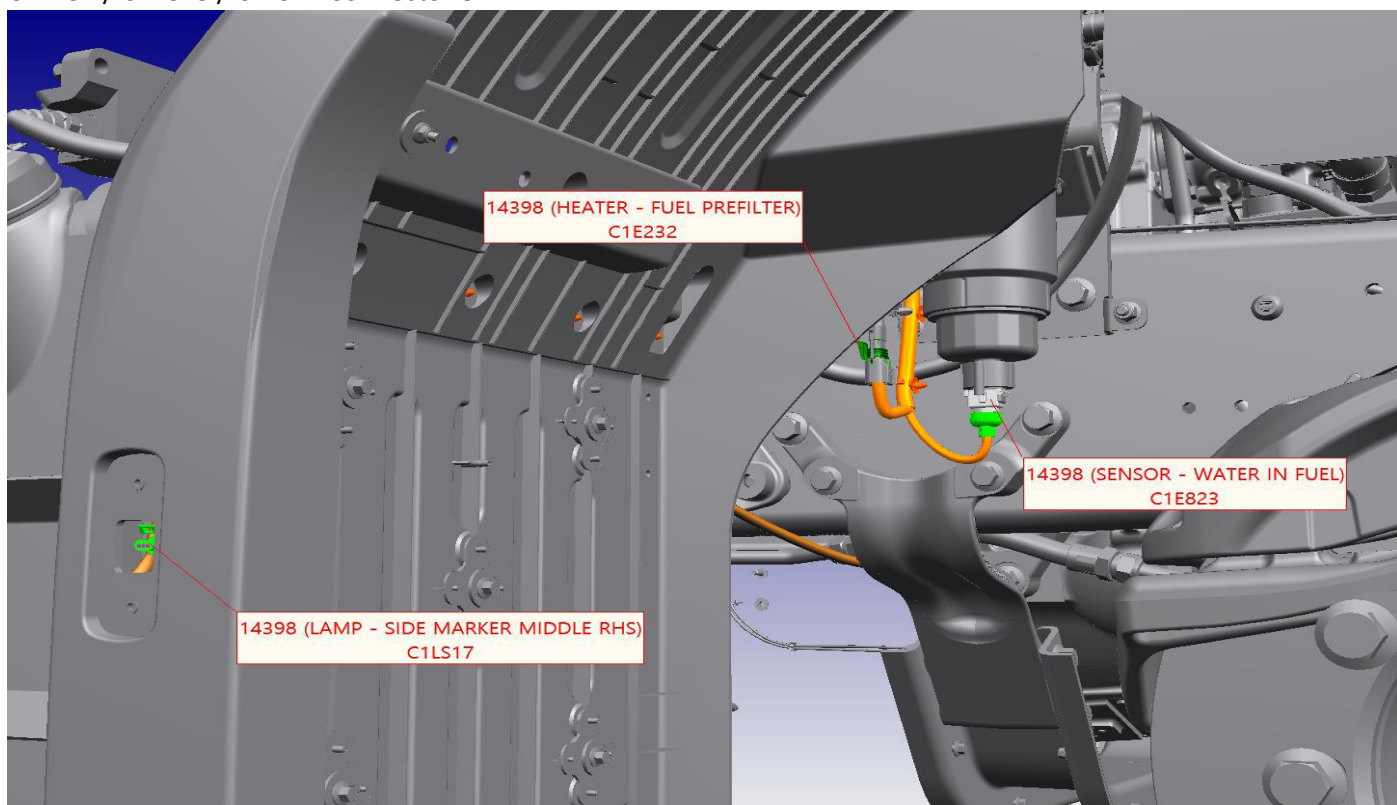


TRUCKS

C1E115-A / C1EC01 Connectorler:

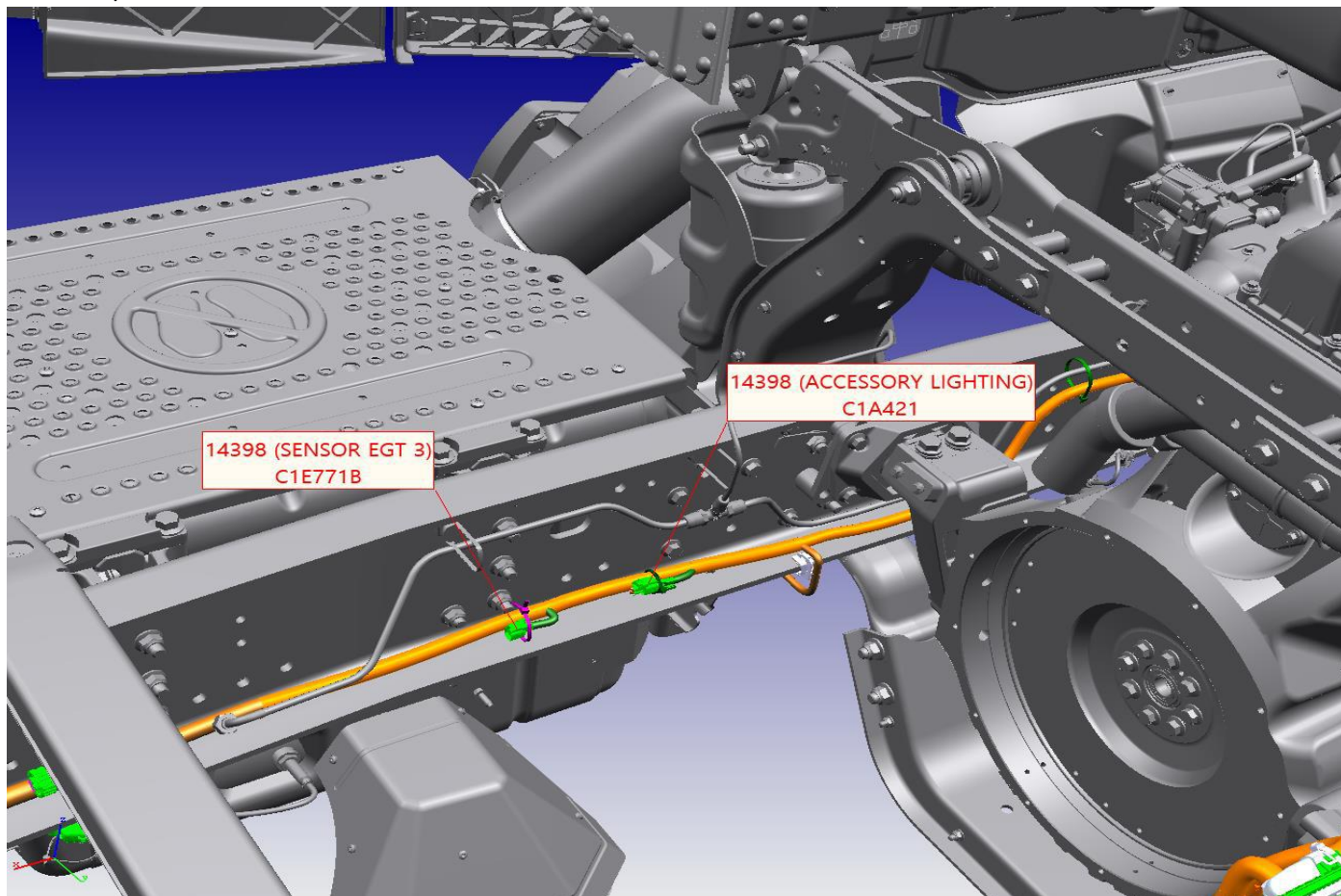


C1E232 / C1E823 / C1LS17 Connectorler:

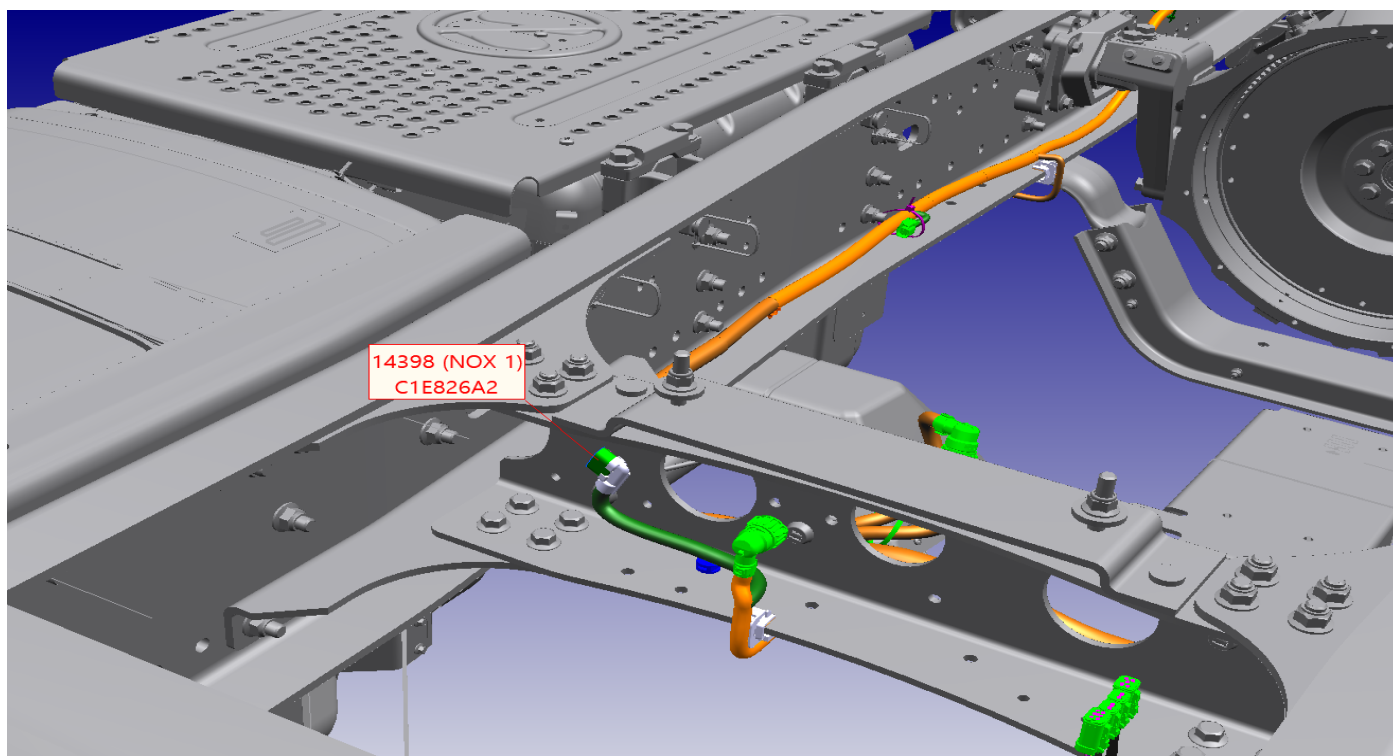


TRUCKS

C1E771B / C1A421 Connectorler:

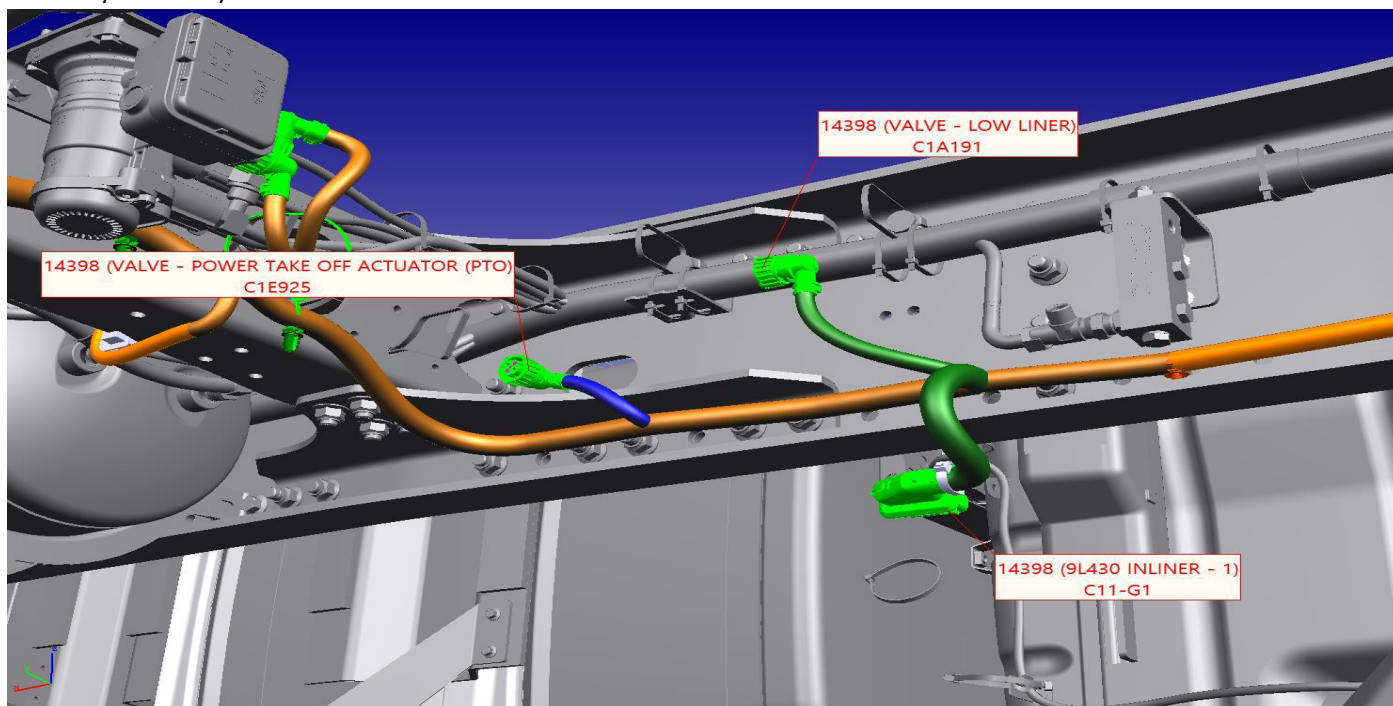


C1E826A2 Connector:

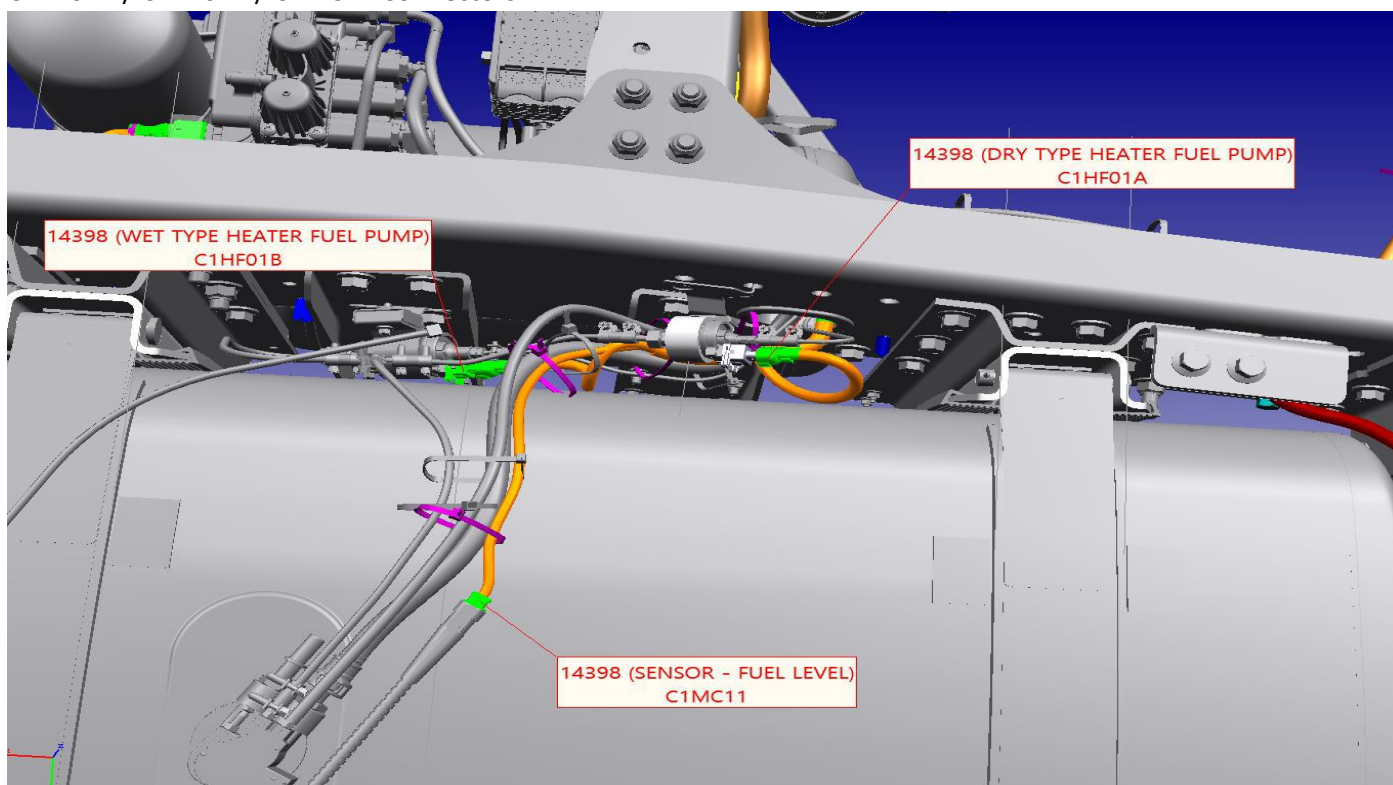


TRUCKS

C1E925 / C1A191 / C11-G1 Connectors:

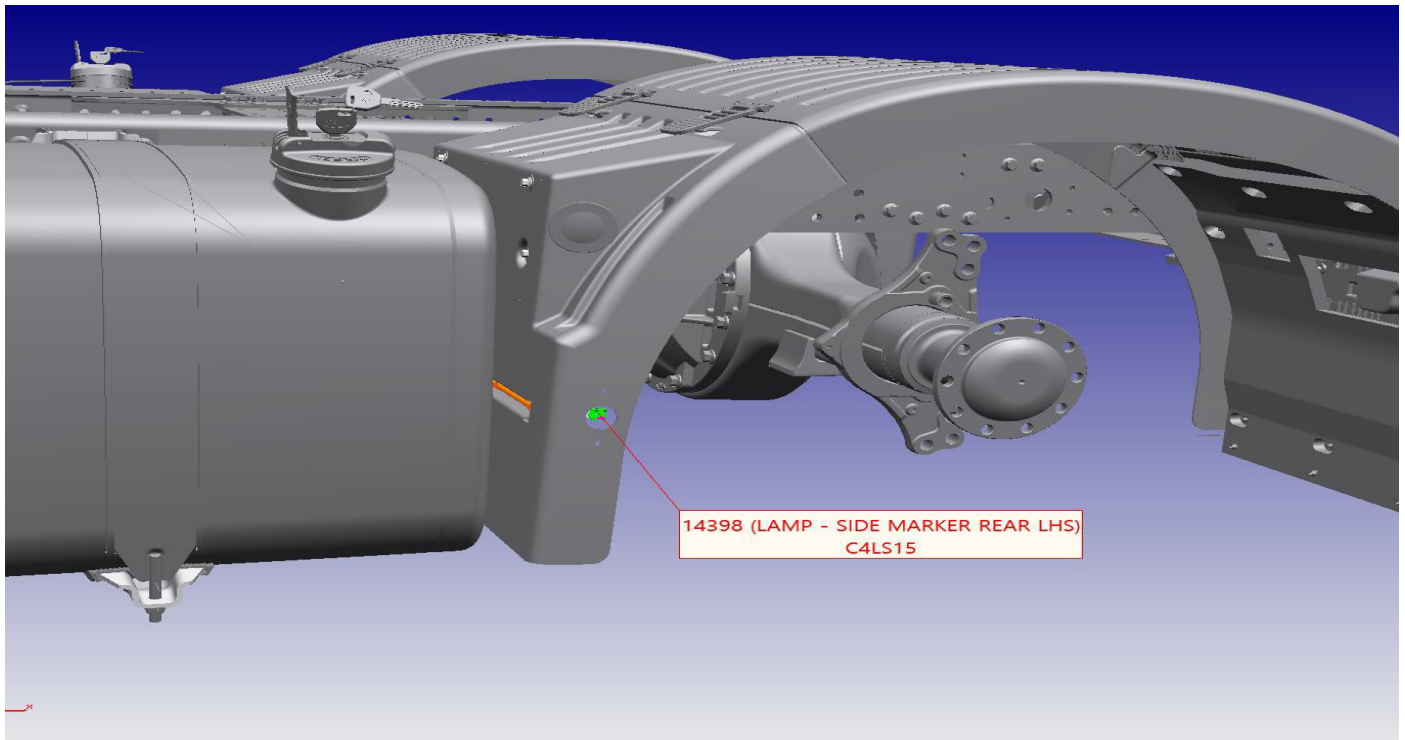


C1HF01A / C1HF01B / C1MC11 Connectors:

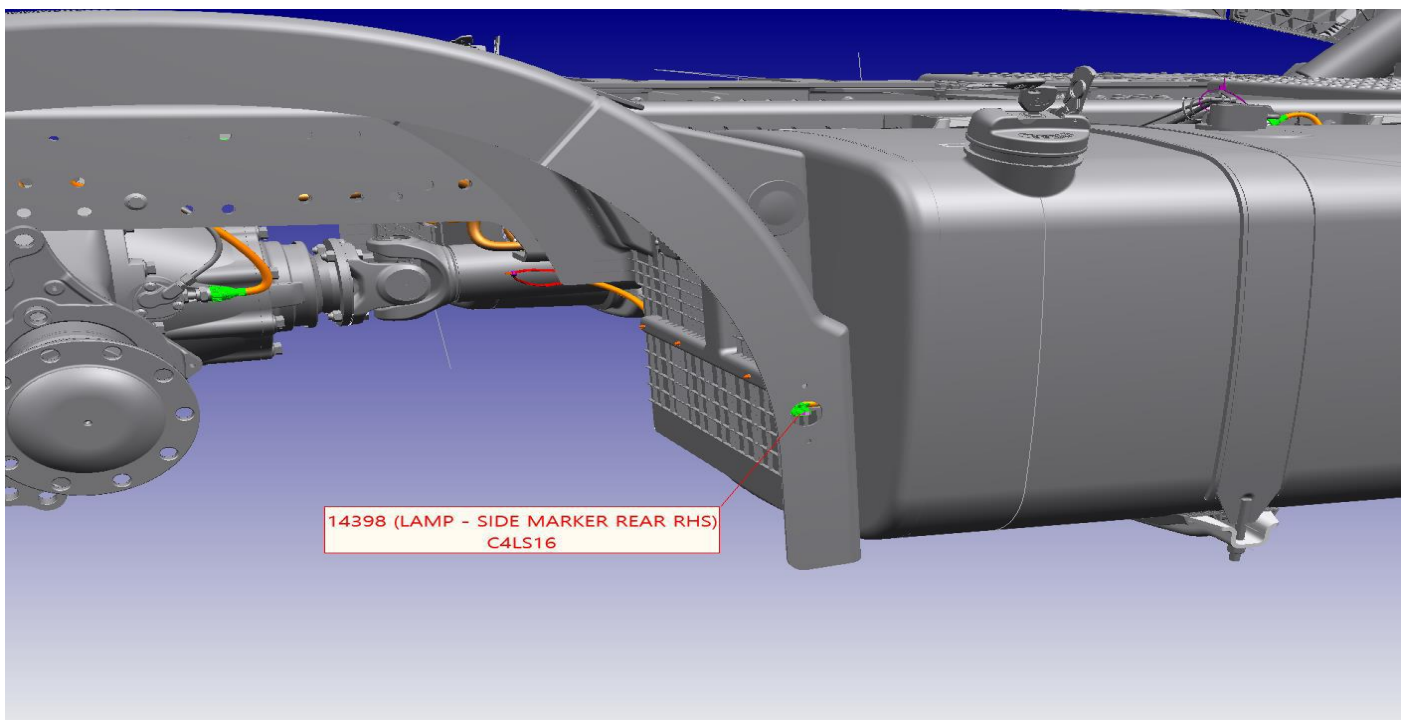


TRUCKS

C4LS15 Connector:

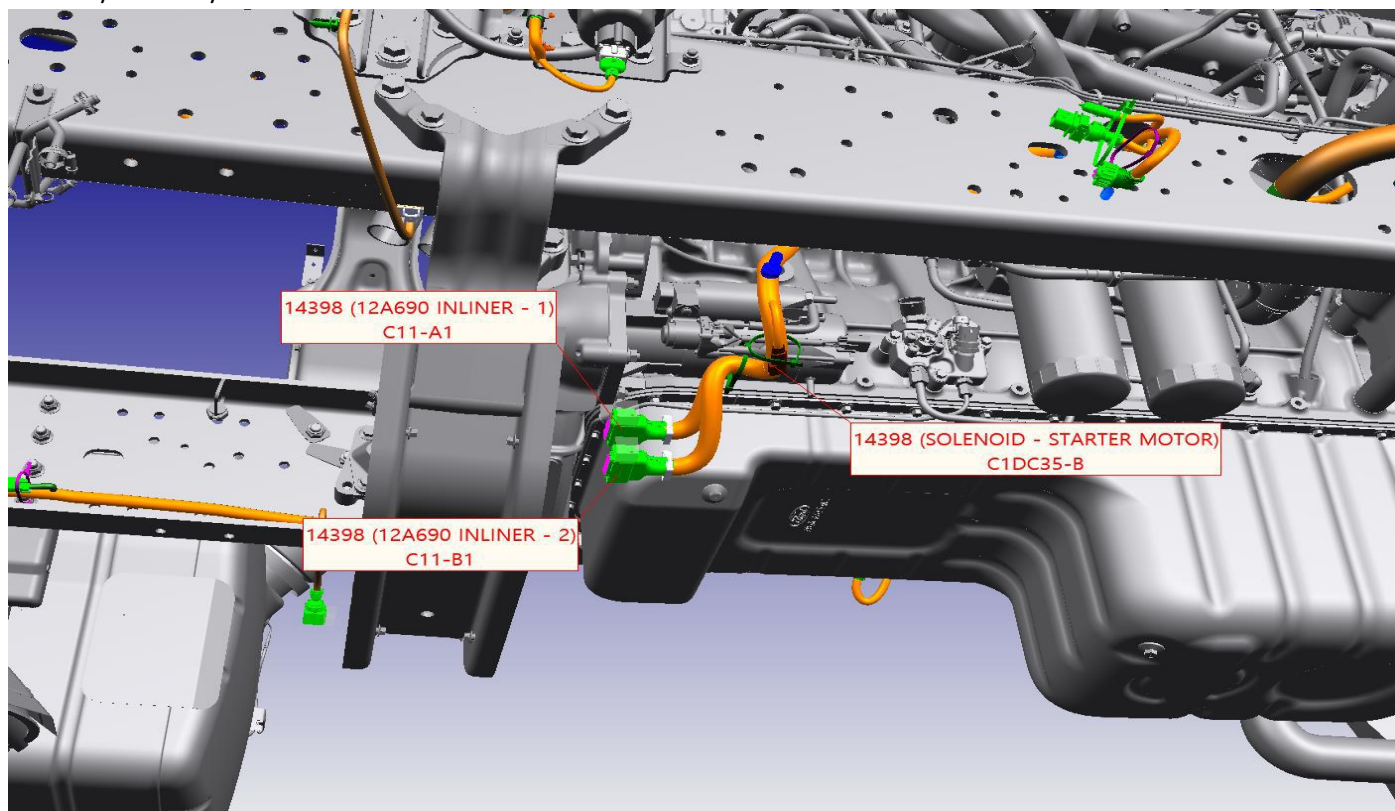


C4LS16 Connector:

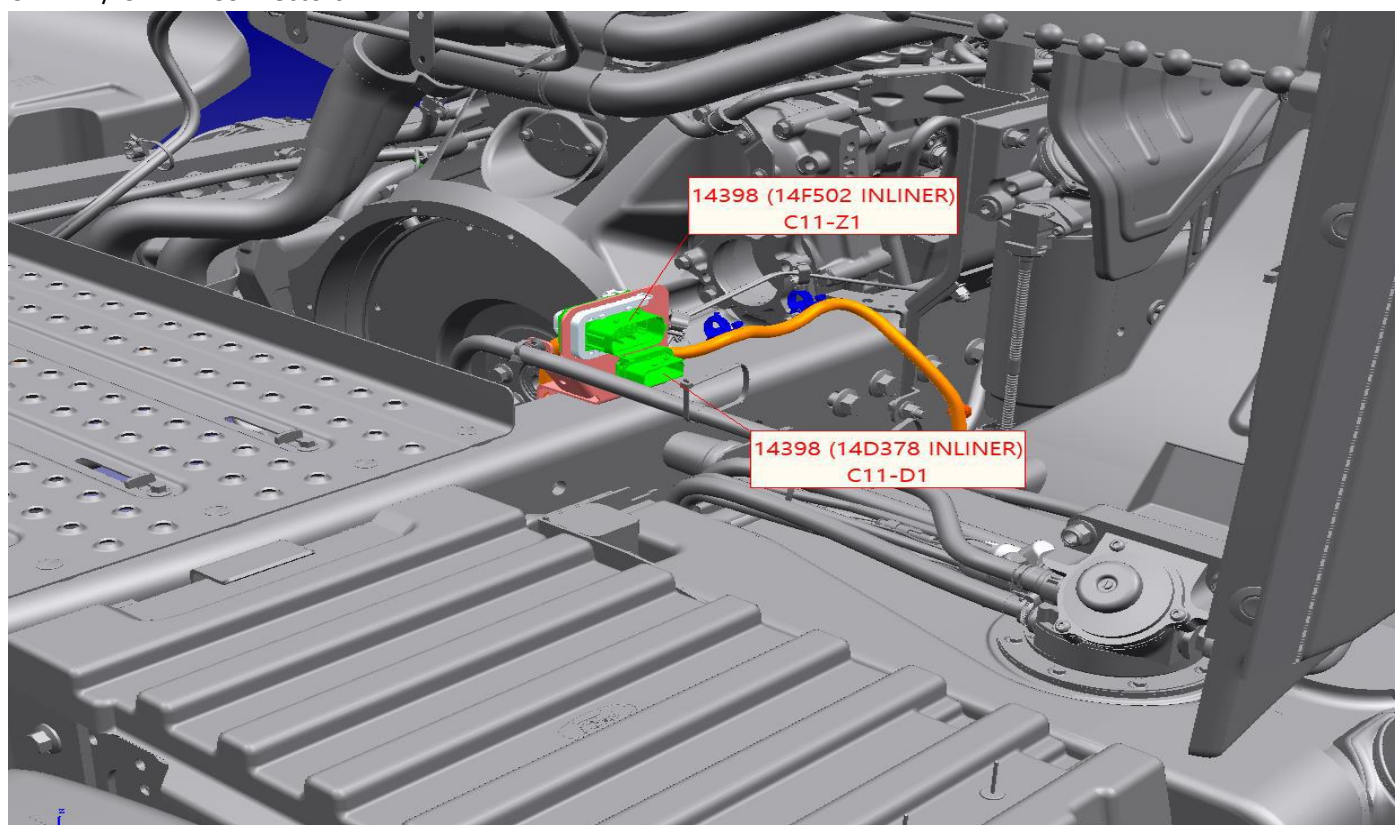


TRUCKS

C11-A1 / C11-B1 / C1DC35-B Connectors:

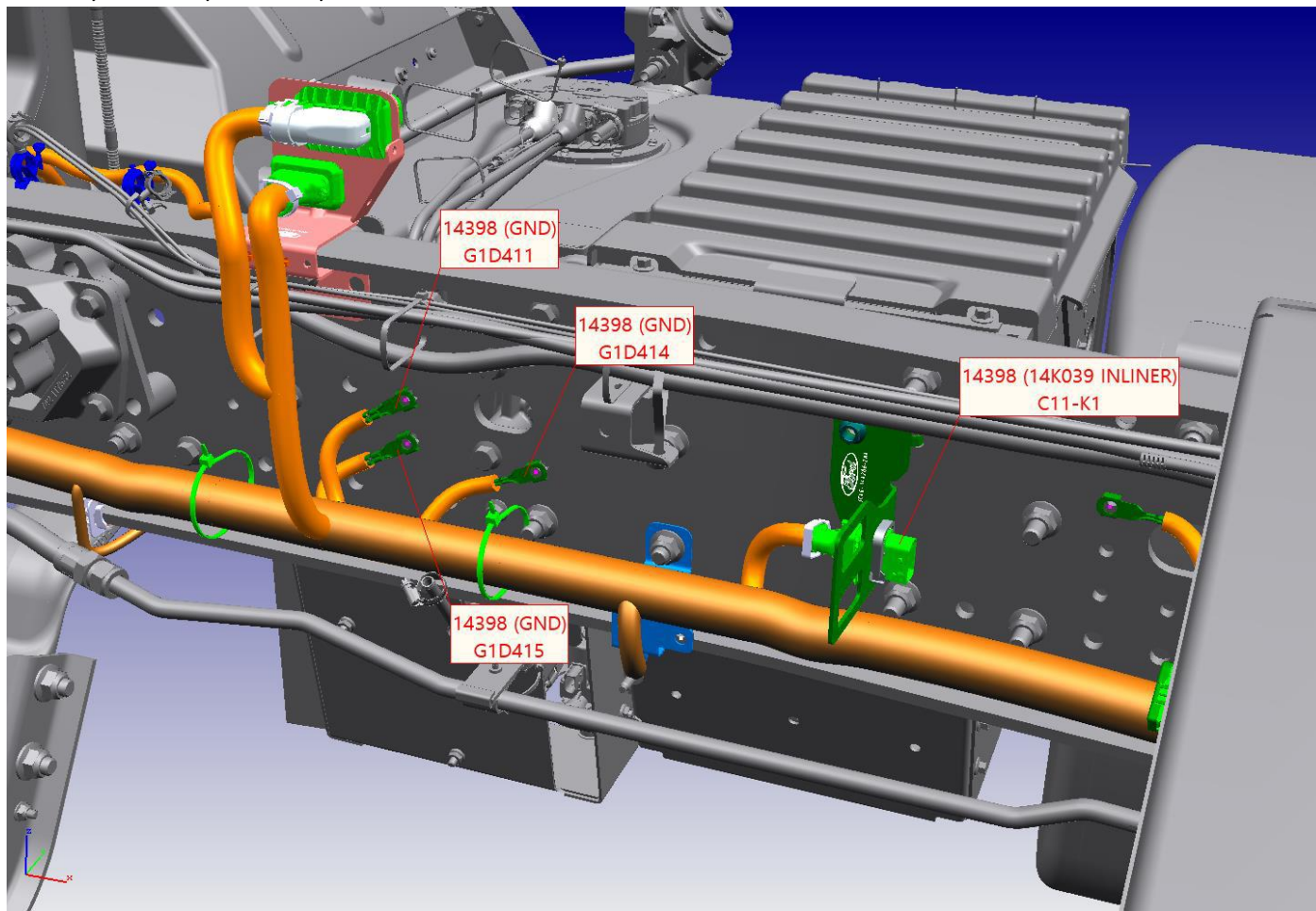


C11-D1 / C11-Z1 Connectors:

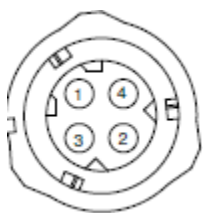


TRUCKS

C11-K1 / G1D415 / G1D411 / G1D414 Connectors:

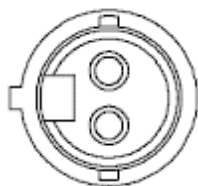


14398 → BCU Wiring (Main wiring) connector descriptions:

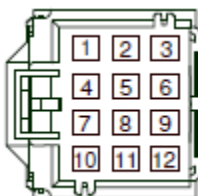


Connector Code	C1CA52	
Connector Description	PRESSURE CONTROL VALVE-FRONT RHS	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLUE/GREY
2	1.5	GREEN/ORANGE
3	0.75	YELLOW/PURPLE

TRUCKS



Connector Code	C1CA22B	
Connector Description	TO SENSOR-WHEEL SPEED FRONT RIGHT A	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/PURPLE
2	0.75	PURPLE

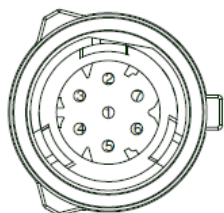


Connector Code	C1CB01-D	
Connector Description	EBS MODULE	
Pin Layout	Wire Thickness	Wiring Colour
1	1	BROWN
2	1	BLUE
3	1	WHITE
4	1	GREY/ORANGE
5	1	BLUE/GREEN
6	1	BROWN/WHITE
7	1	GREEN/BROWN
8	1	GREEN/WHITE
9	1	BROWN/WHITE
10	0.75	YELLOW/PURPLE
11	0.75	WHITE/BROWN

TRUCKS



Connector Code	C1CB01-C	
Connector Description	EBS MODULE	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/PURPLE
4	0.75	GREEN/ORANGE
7	0.75	BLUE/WHITE
9	0.75	ORANGE
10	0.75	PURPLE/BROWN
11	0.75	WHITE/PURPLE
13	0.75	GREY/YELLOW
14	0.75	PURPLE/ORANGE

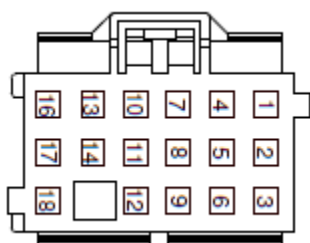


Connector Code	C1EC01	
Connector Description	TO ENGINE FAN	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	WHITE/BLUE
2	0.75	GREEN/BLUE
3	0.75	PURPLE/WHITE
4	0.75	PURPLE/GREY
5	0.75	PURPLE/GREY

TRUCKS

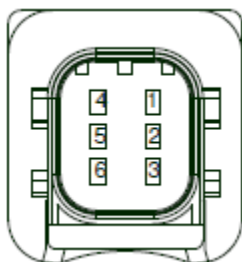


Connector Code	C1CB01-B	
Connector Description	EBS MODULE	
Pin Layout	Wire Thickness	Wiring Colour
4	1	ORANGE/GREEN
5	1	WHITE/BLUE
6	1	WHITE/BLUE
7	1	ORANGE/WHITE
8	1	YELLOW/BLUE
9	1	WHITE
10	0.75	BLUE/GREY
12	1	ORANGE/GREY
13	0.75	YELLOW/PURPLE
14	0.75	BLUE/GREY
15	1	ORANGE/BLACK
16	0.75	YELLOW/PURPLE
18	0.75	GREEN/ORANGE



Connector Code	C1CB01-A	
Connector Description	EBS MODULE	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/BLUE
3	0.75	GREEN/ORANGE
4	0.75	BLUE
5	0.75	YELLOW/PURPLE
6	0.75	GREEN/BLUE
7	0.75	GREY/ORANGE
8	0.75	WHITE/GREEN
10	0.75	YELLOW/GREEN
11	2.5	BLACK/BLUE
12	2.5	BLACK/BLUE
13	0.75	GREEN/BROWN
16	1.5	GREEN/RED
17	1.5	GREEN/RED

TRUCKS



Connector Code	C11-V1	
Connector Description	SENSOR-LANE WEAR FRONT AXLE RHS	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	ORANGE/GREEN
2	0.75	BLUE/ORANGE
3	0.75	GREY/ORANGE
4	0.75	ORANGE/BLUE
5	0.75	ORANGE

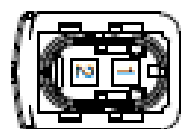


Connector Code	C1DC35-B	
Connector Description	SOLENOID-MOTOR STARTER	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BROWN/PURPLE
2	0.75	BROWN/GREEN

RIGHT

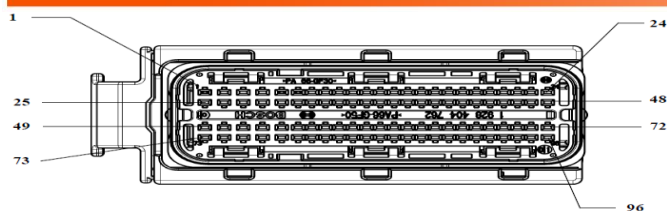


Connector Code	C1LS17	
Connector Description	TO LAMP-SIDE MARKER FRONT RIGHT	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK/PURPLE
2	0.75	BLUE/WHITE



Connector Code	C1E232	
Connector Description	HEATER-FUEL FILTER	
Pin Layout	Wire Thickness	Wiring Colour
1	2.5	GREEN/BLUE
2	2.5	BLACK/BLUE

TRUCKS



Connector Code	C1E115-A	
Connector Description	TO ECM	
Pin Layout	Wire Thickness	Wiring Colour
1	1.5	GREY/RED
2	1.5	YELLOW/GREY
3	1.5	BLACK/WHITE
4	1	BROWN
5	1.5	BLACK/WHITE
6	0.75	BROWN/YELLOW
7	0.75	GREEN/BROWN
8	0.75	BLUE/GREY
10	0.75	GREY/ORANGE
11	0.75	PURPLE/GREY
12	0.75	BROWN/GREEN
16	0.75	BROWN
17	0.75	GREEN/PURPLE
18	0.75	GREY/PURPLE
19	0.75	BROWN/GREEN
20	0.75	WHITE
22	0.75	PURPLE/ORANGE
23	0.75	GREEN
24	0.75	GREY
25	1.5	GREY/RED
26	1.5	GREY/RED
27	0.75	BROWN/WHITE
28	1.5	BLACK/WHITE
30	0.75	BLUE/GREEN
31	0.75	GREEN
32	0.75	BROWN/PURPLE
33	0.75	BLUE/GREY
38	0.75	YELLOW/PURPLE
39	0.75	GREEN/PURPLE
40	0.75	BLUE/BROWN
42	0.75	BROWN/GREEN
43	0.75	GREEN/WHITE



TRUCKS

44	0.75	GREY
45	0.75	PURPLE/WHITE
46	0.75	GREEN/ORANGE
47	0.75	GREY/BLUE
49	1.5	GREY/RED
50	1.5	BROWN/BLUE
52	1.5	BLACK/WHITE
54	0.75	BLACK/WHITE
55	0.75	YELLOW/ORANGE
56	0.75	GREY/BROWN
57	0.75	YELLOW/ORANGE
58	0.75	YELLOW/GREEN
63	0.75	BLUE/WHITE
64	0.75	WHITE/BLUE
65	0.75	GREEN/BLUE
66	0.75	BLUE/WHITE
67	0.75	BLUE/WHITE
68	0.75	GREY/BLUE
69	0.75	YELLOW/GREY
71	0.75	BROWN/GREEN
72	1	PURPLE
73	1.5	GREY/RED
74	0.75	GREEN/PURPLE
75	1.5	BLACK/WHITE
78	0.75	YELLOW/BLUE
79	0.75	GREEN/ORANGE
80	0.75	PURPLE/GREEN
82	0.75	PURPLE/WHITE
83	0.75	WHITE/ORANGE
84	0.75	GREEN/BLUE
85	0.75	GREEN
87	0.75	PURPLE/WHITE
88	0.75	BROWN/PURPLE
89	0.75	WHITE/BLUE
90	0.75	PURPLE/GREY
92	0.75	WHITE/BLUE
93	0.75	GREEN/BLUE
95	0.75	BROWN/BLUE
96	1	YELLOW/GREY

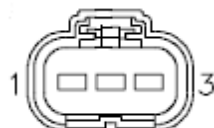
TRUCKS



Connector Code	C1E823	
Connector Description	SENSOR-WATER IN FUEL	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLUE/BROWN
2	0.75	GREEN/WHITE
3	0.75	GREEN/PURPLE



Connector Code	C1A411	
Connector Description	TO SWITCH-ADR CHASSIS	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/PURPLE
2	0.75	GREY/PURPLE



Connector Code	C1DC56	
Connector Description	TO SENSOR-BMOS	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLUE/WHITE
2	0.75	GREEN/ORANGE
3	0.75	PURPLE/GREY

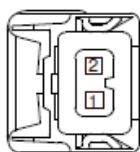


Connector Code	C1HF01B	
Connector Description	FUEL PUMP-WET TYPE HEATER	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/ORANGE
2	0.75	BLACK/BLUE

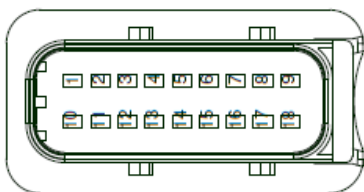
TRUCKS



Connector Code	C1MC11	
Connector Description	TO SENSOR-FUEL LEVEL	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/BLUE
2	0.75	WHITE/BROWN



Connector Code	C1HF01A	
Connector Description	FUEL PUMP-DRY TYPE HEATER	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BROWN/BLUE
2	0.75	BLACK/BLUE

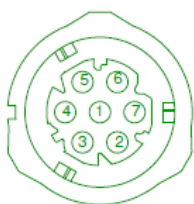


Connector Code	C1AH03	
Connector Description	AFTER MARKET CONNECTOR 1	
Pin Layout	Wire Thickness	Wiring Colour
1	1.5	BROWN
2	1.5	YELLOW/GREEN
3	1.5	PURPLE/RED
4	1.5	BLACK/PURPLE
5	0.75	ORANGE
6	0.75	BLUE/GREEN
7	0.75	ORANGE/BLUE
8	1.5	BLACK/PURPLE
9	0.75	ORANGE/YELLOW
10	1.5	BLUE/WHITE
11	1.5	ORANGE
12	0.75	PURPLE/BROWN

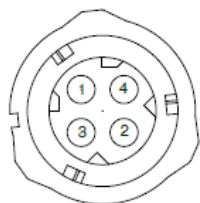
TRUCKS



Connector Code	C1A102	
Connector Description	TO-UNIT BMS CTRL	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/PURPLE
2	0.75	GREY/PURPLE

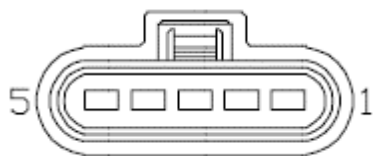


Connector Code	C1A102-A	
Connector Description	TO-UNIT BMS AUX	
Pin Layout	Wire Thickness	Wiring Colour
2	0.75	ORANGE/GREEN
3	0.75	WHITE/PURPLE
4	0.75	BLACK/GREEN



Connector Code	C1CA09	
Connector Description	TO SESOR-YAW RATE	
Pin Layout	Wire Thickness	Wiring Colour
1	1	PURPLE/BROWN
2	1	GREEN/PURPLE
3	1	BLUE/WHITE
4	1	GREEN/ORANGE

TRUCKS



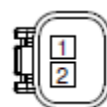
Connector Code	C1E826A2	
Connector Description	SENSOR NOX 1	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	YELLOW/ORANGE
2	0.75	YELLOW/ORANGE
3	0.75	GREEN/BLUE
4	0.75	GREY/ORANGE



Connector Code	C1A200A-B	
Connector Description	TO MODULE-FRONT LWS A/B	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	ORANGE
2	0.75	GREY/ORANGE
3	0.75	ORANGE/BLUE
4	0.75	ORANGE/GREEN
5	0.75	ORANGE/GREY
6	0.75	BLUE/GREEN



Connector Code	C1A200A-C	
Connector Description	TO MODULE-FRONT AXLE WSS_A	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	PURPLE/WHITE
2	0.75	YELLOW

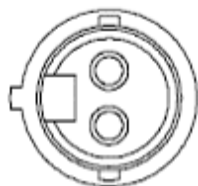


Connector Code	C1A200A-D	
Connector Description	TO MODULE FRONT-AXLE WSS_B	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/PURPLE
2	0.75	PURPLE

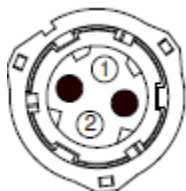
TRUCKS



Connector Code	C1A200A-A	
Connector Description	TO MODULE FRONT AXLE CAN/SPL/GND	
Pin Layout	Wire Thickness	Wiring Colour
1	1	ORANGE/BLACK
2	1	ORANGE/WHITE
3	1	YELLOW/BLUE
4	1	WHITE



Connector Code	C1CA15B	
Connector Description	SENSOR-WHEEL SPEED FRONT LEFT A	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	PURPLE/WHITE
2	0.75	YELLOW

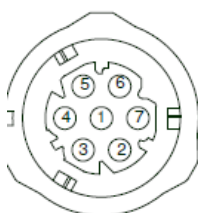


Connector Code	C1CA13	
Connector Description	LOW PRESSURE SWITCH	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	ORANGE
2	0.75	BLACK/GREEN

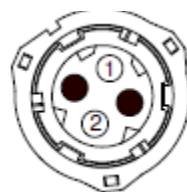
TRUCKS



Connector Code	C1A191	
Connector Description	TO VALVE-LOW LINER	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY
2	0.75	BLACK/GREEN



Connector Code	C1A202	
Connector Description	TO MODULE-TRAILER CONTROL	
Pin Layout	Wire Thickness	Wiring Colour
1	1	BLUE/GREEN
2	1	GREY/ORANGE
3	1	GREEN/BROWN
4	1	BROWN
5	1	WHITE
6	1	BLUE/GREEN
7	1	BROWN/WHITE



Connector Code	C1E925	
Connector Description	TO VALVE-PTO ACTUATOR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/WHITE
2	0.75	BLACK/GREEN

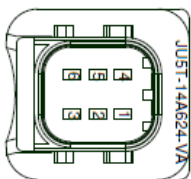
TRUCKS



Connector Code	C1E771B	
Connector Description	TO EGT 3	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BROWN/PURPLE
2	0.75	GREY/ORANGE

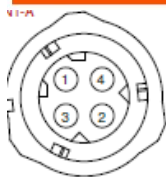


Connector Code	C1A421	
Connector Description	TO WORKLAMP	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	ORANGE/BLACK
2	0.75	BLACK/PURPLE

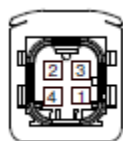


Connector Code	C11-U1	
Connector Description	SENSOR-LANE WEAR FRONT AXLE LHS	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK/GREEN
2	0.75	ORANGE/GREEN
3	0.75	BLUE/GREEN
4	0.75	ORANGE/GREY
5	0.75	ORANGE/GREEN

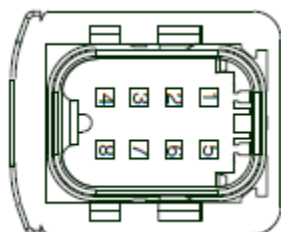
TRUCKS



Connector Code	C1CA50	
Connector Description	TO VALVE-PRESSURE CONTROL LEFT FRONT-A	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLUE/GREY
2	1.5	GREEN/ORANGE
3	0.75	YELLOW/PURPLE



Connector Code	C11-C1	
Connector Description	JU5T-14464-MAA	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN
2	1	YELLOW/GREY
3	0.75	BLUE/WHITE
4	0.75	BLACK/PURPLE



Connector Code	C1A402	
Connector Description	UNIT-ELECTRONIC AIR PRESSURE E-APU	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/ORANGE
2	0.75	GREY/BLUE
4	0.75	WHITE/PURPLE
7	0.75	GREY/RED
8	0.75	BLACK/GREEN

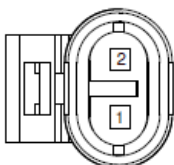
TRUCKS



Connector Code	C1MC45-A	
Connector Description	RECEIVER-TPMS	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/PURPLE
2	0.75	ORANGE/BLUE
3	0.75	BROWN/GREEN
4	0.75	ORANGE/YELLOW



Connector Code	C11-Y1	
Connector Description	SENSOR-BRAKE PAD RIGHT REAR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	ORANGE/GREY
2	0.75	YELLOW



Connector Code	C4LS16	
Connector Description	TO LAMP-SIDE MARKER REAR RIGHT	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK/PURPLE
2	0.75	BLUE/WHITE

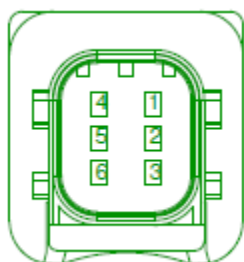


Connector Code	C1A200B-A	
Connector Description	TO MODULE-REAR AXLE CAN/SPL/GND	
Pin Layout	Wire Thickness	Wiring Colour
1	1	ORANGE/GREY
2	1	ORANGE/GREEN
3	1	WHITE/BLUE
4	1	WHITE

TRUCKS



Connector Code	C1A200B-F	
Connector Description	TO REAR AXLE ALS_A/B	
Pin Layout	Wire Thickness	Wiring Colour
1	1	GREEN/BLUE
3	1	BLUE/GREY
4	1	WHITE

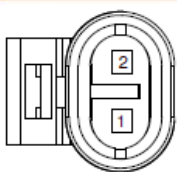


Connector Code	C11-W1	
Connector Description	REAR LEFT PWI (PAD WEAR IND.) SENSOR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK/GREEN
2	0.75	ORANGE/GREY



Connector Code	C1A223	
Connector Description	TO VALVE-CENTRAL SOLENOID	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	PURPLE/BROWN
2	0.75	WHITE/BLUE
3	0.75	BLUE/ORANGE
4	0.75	BLACK/BLUE

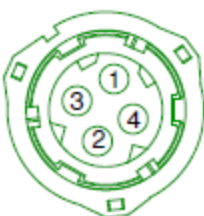
TRUCKS



Connector Code	C4LS15	
Connector Description	TO LAMP-SIDE MARKER REAR LEFT	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK/PURPLE
2	0.75	BLUE/WHITE

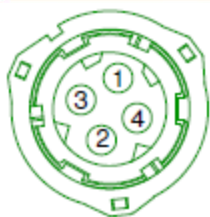


Connector Code	C1A204	
Connector Description	SENSOR-AXLE LOADED	
Pin Layout	Wire Thickness	Wiring Colour
1	1	WHITE
2	1	GREEN/BLUE
3	1	BLUE/GREY



Connector Code	C1CD13	
Connector Description	TO HEIGHT SENSOR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	ORANGE/GREEN
2	0.75	ORANGE/BLUE
4	0.75	GREEN/PURPLE

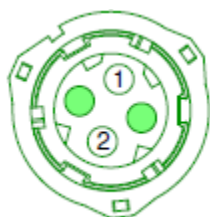
TRUCKS



Connector Code	C1CD13_1	
Connector Description	TO HEIGHT SENSOR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	ORANGE/GREEN
2	0.75	ORANGE/BLUE
4	0.75	GREEN/PURPLE



Connector Code	C4A366	
Connector Description	TO SELONOID DIFF LOCK	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BROWN/GREEN
2	0.75	BLACK/GREEN



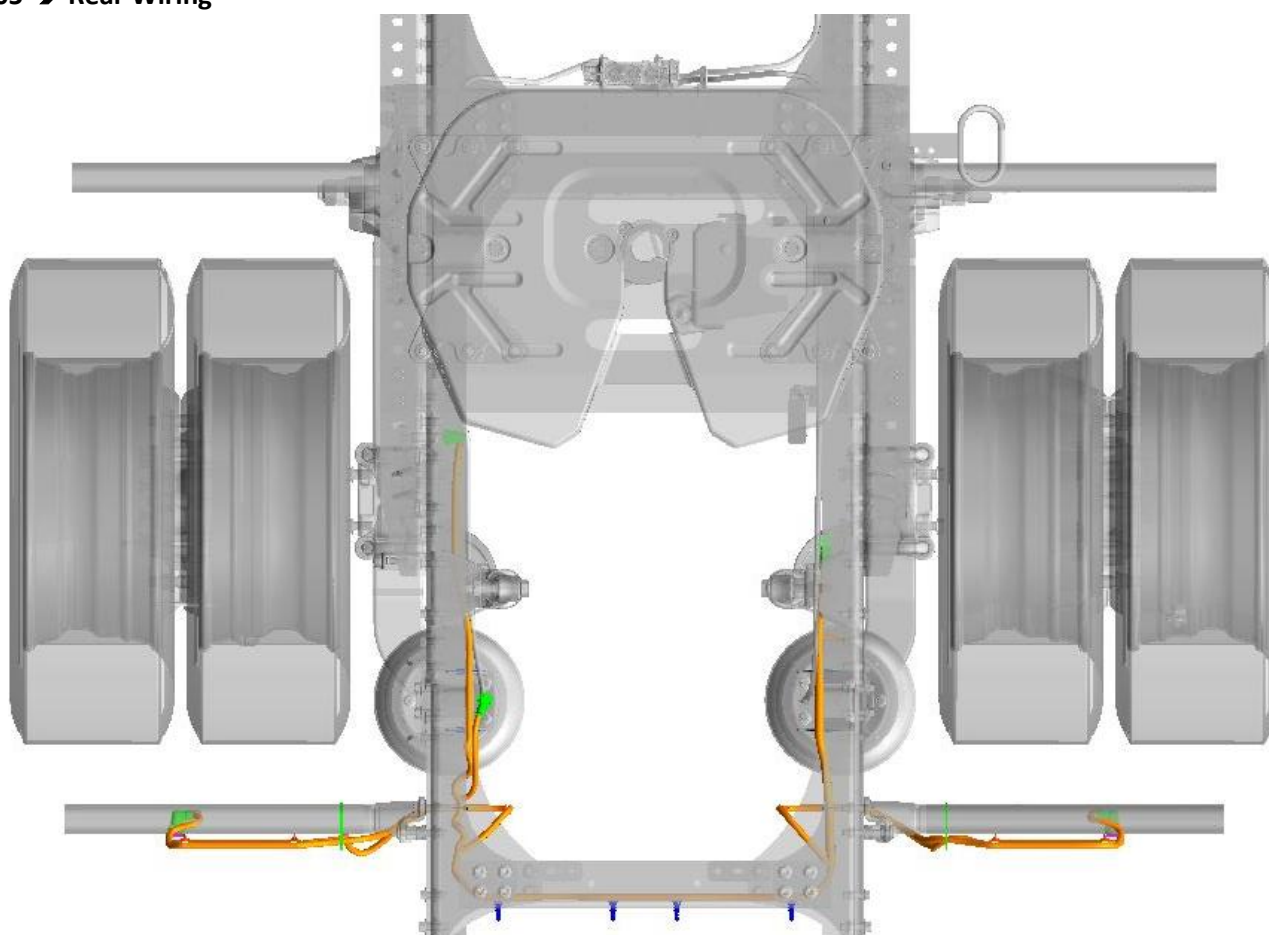
Connector Code	C4A370_1	
Connector Description	TO SWITCH-DIFF LOCK1	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/BLUE
2	0.75	BLACK/GREEN

TRUCKS

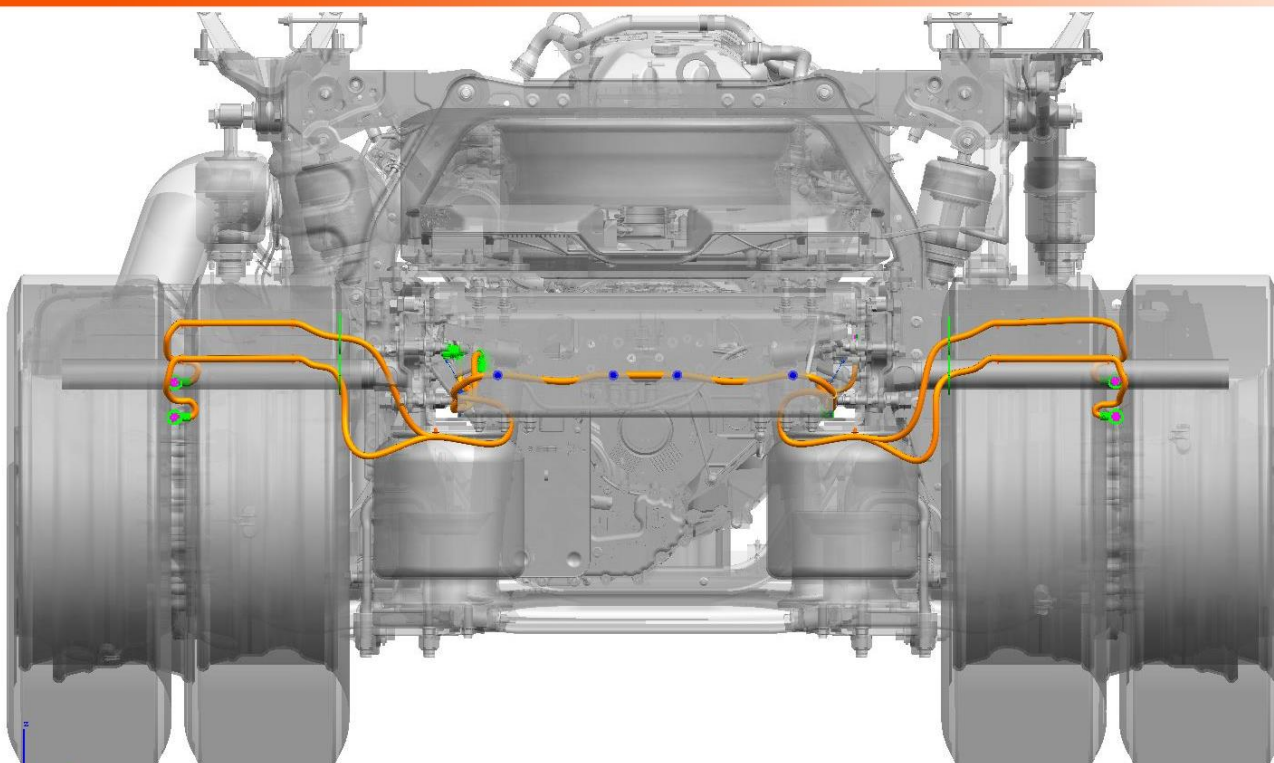


Connector Code	C4A370	
Connector Description	TO SWITCH-DIFF LOCK 1	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/BLUE
2	0.75	BLACK/GREEN

14405 → Rear Wiring

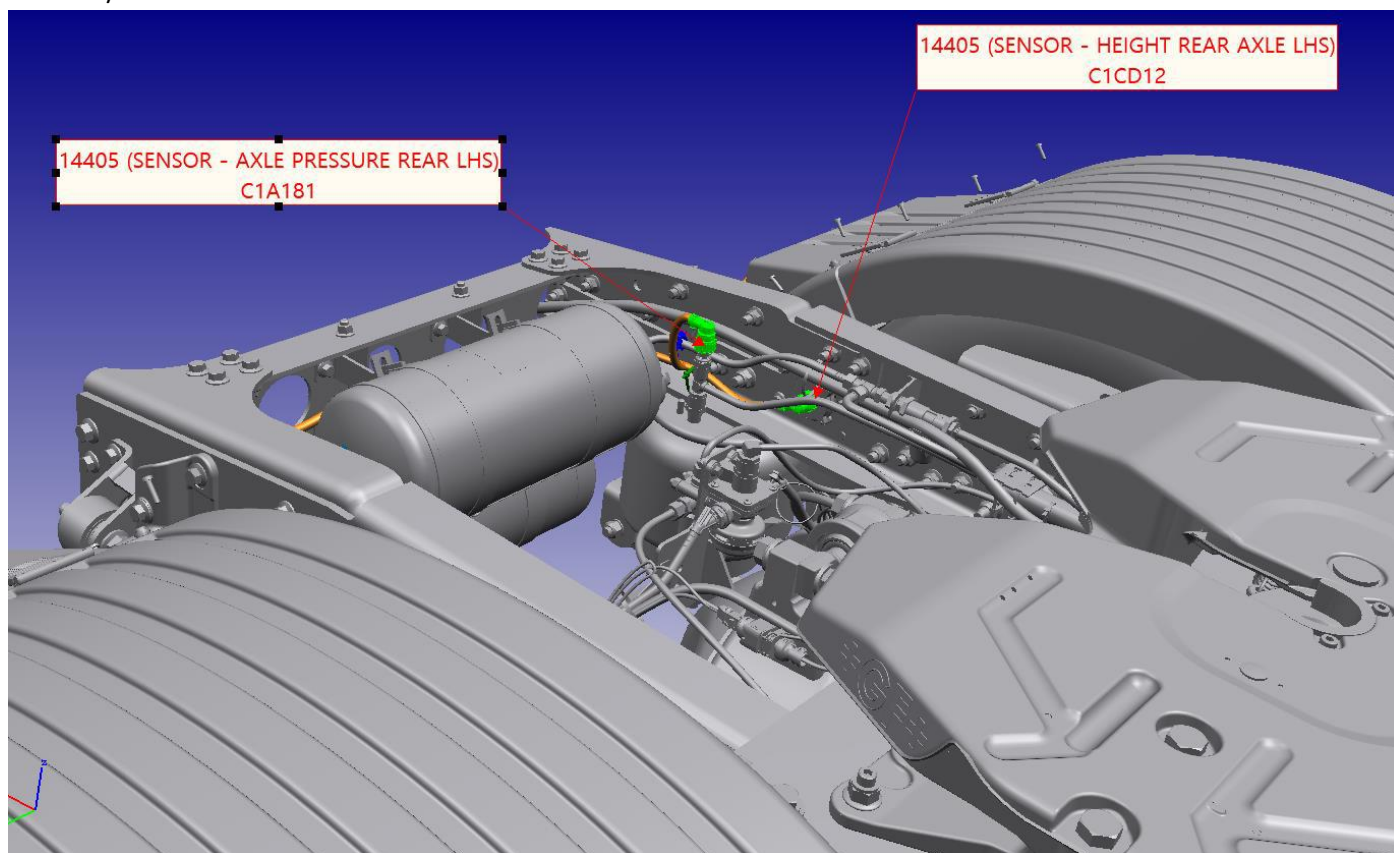


TRUCKS



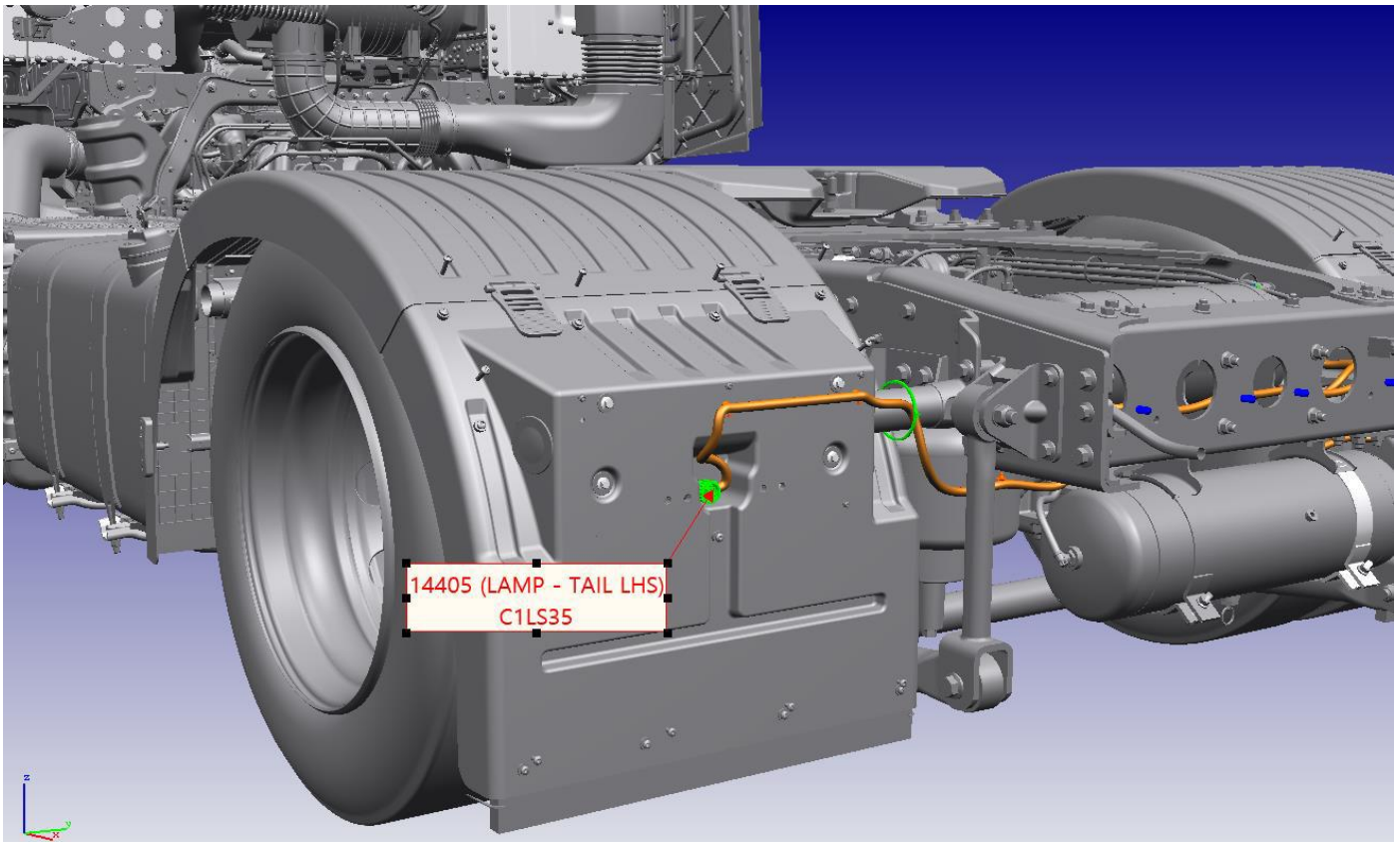
14405 Wiring:

C1A181 / C1CD12 Connectors:

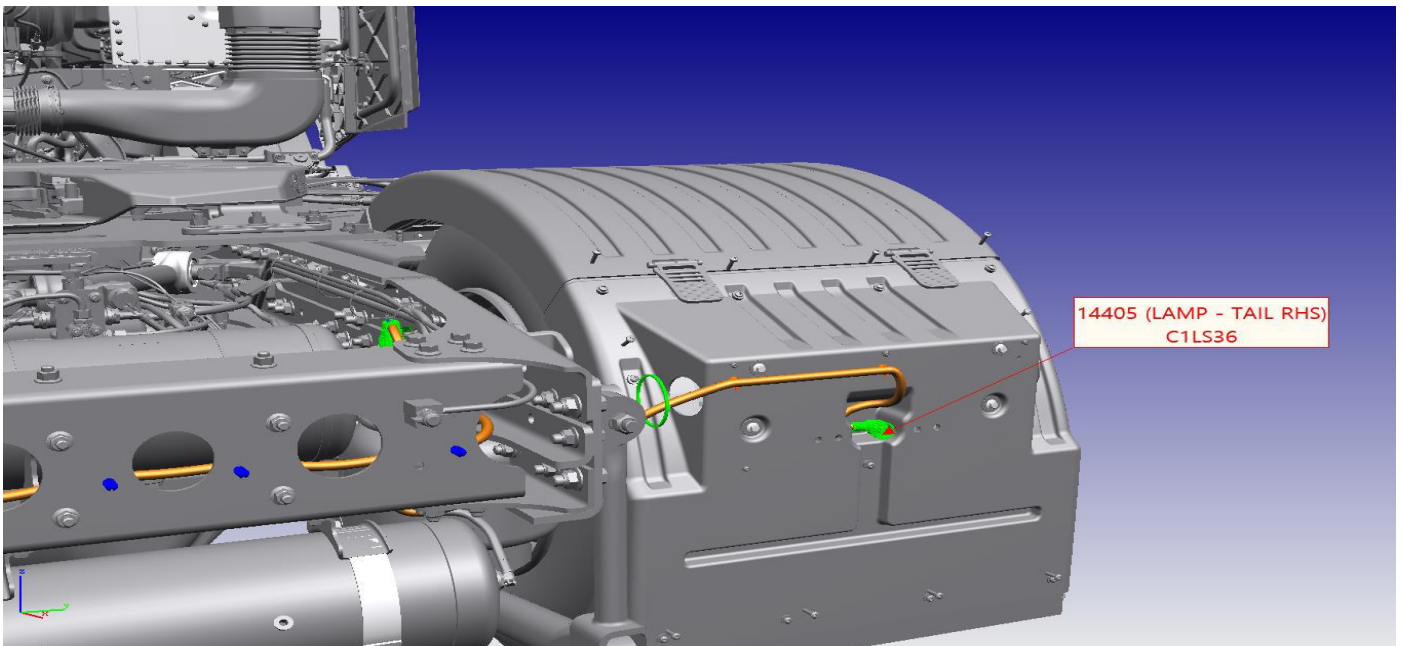


TRUCKS

C1LS35 Connector:

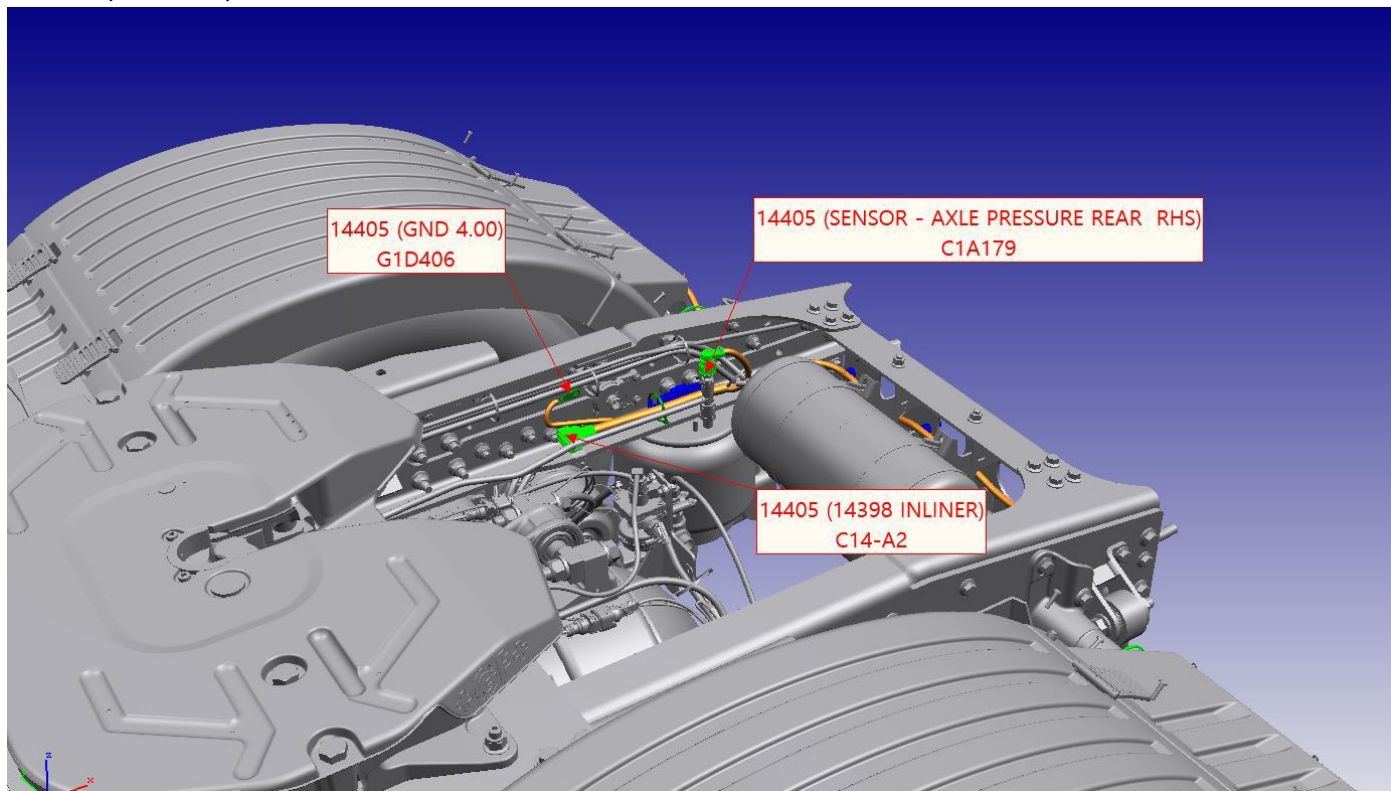


C1LS36 Connector:



TRUCKS

G1D406 / C1A179 / C14-A2 Connectors:



14405 → Rear Wiring connector descriptions:

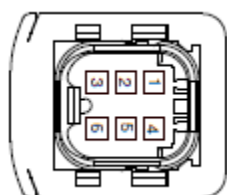


Connector Code	C1CD12	
Connector Description	HEIGHT SENSOR LH	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	ORANGE/GREEN
2	0.75	ORANGE/BLUE
4	0.75	PURPLE/WHITE

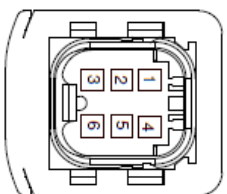
TRUCKS



Connector Code	C1A181	
Connector Description	PRESSURE SENSOR LH	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	ORANGE/GREEN
2	0.75	PURPLE
4	0.75	ORANGE/BLUE



Connector Code	C1LS35	
Connector Description	TAIL LAMP LH	
Pin Layout	Wire Thickness	Wiring Colour
1	1.5	BLACK/YELLOW
2	0.75	BROWN
3	0.75	GREY/BROWN
4	0.75	GREEN/BLUE
5	0.75	BLUE
6	0.75	BLUE



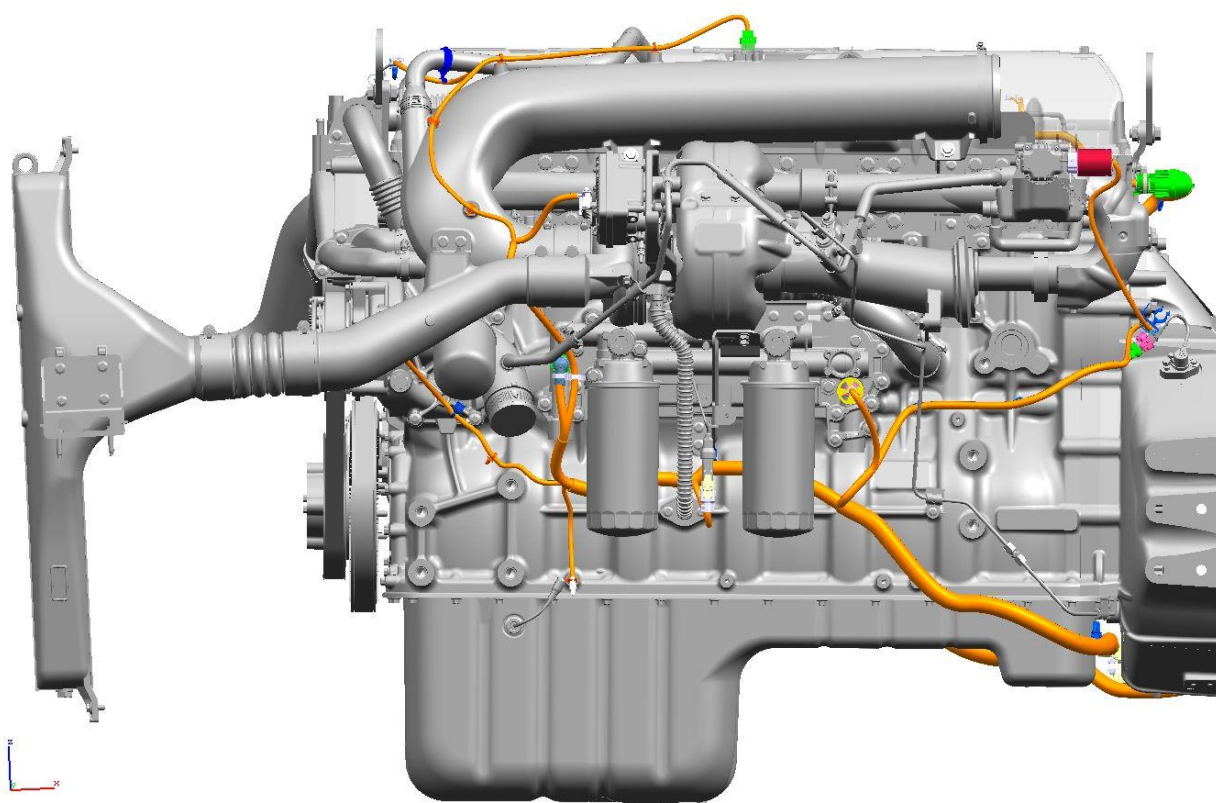
Connector Code	C1LS36	
Connector Description	TAIL _LAMP RH	
Pin Layout	Wire Thickness	Wiring Colour
1	1.5	BLACK/YELLOW
2	0.75	BROWN
3	0.75	GREY/BROWN
4	0.75	BROWN/GREEN
5	0.75	BLUE
6	0.75	BLUE

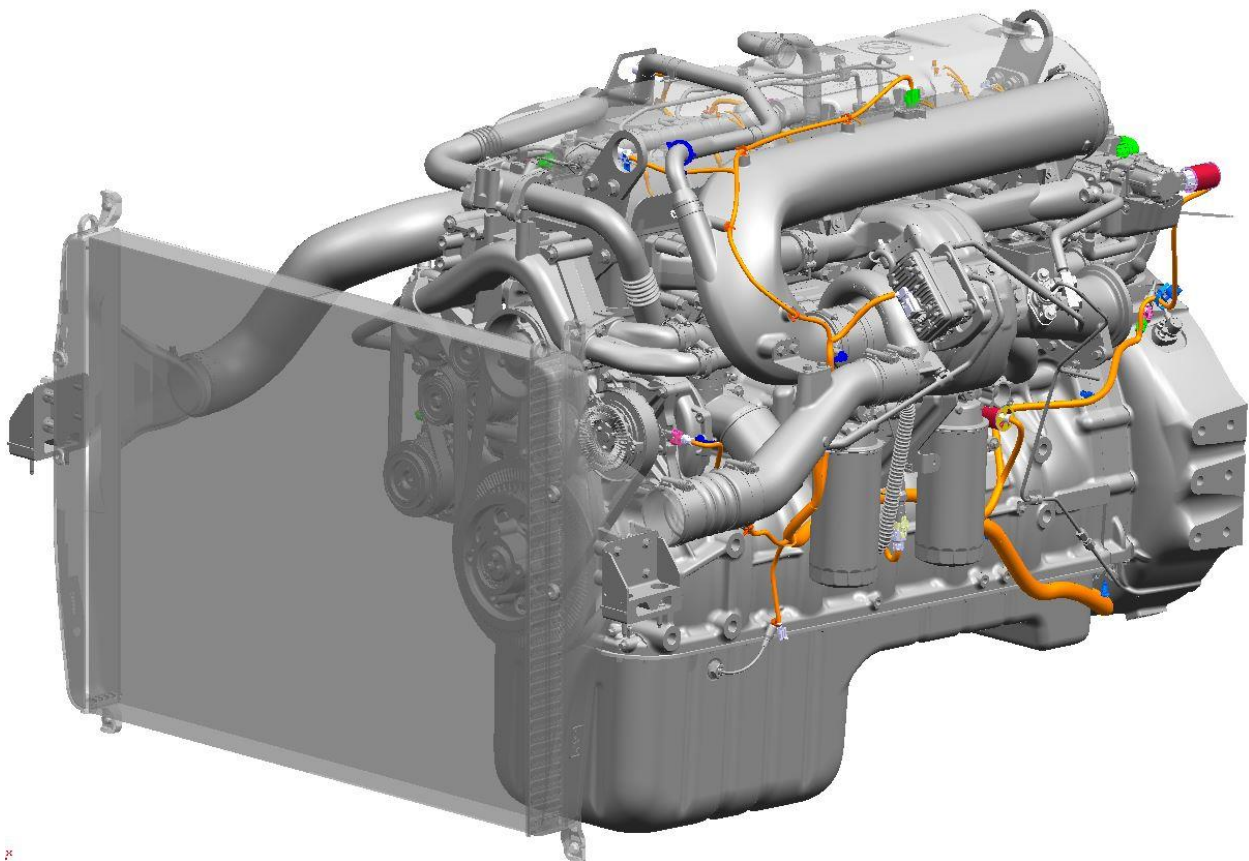
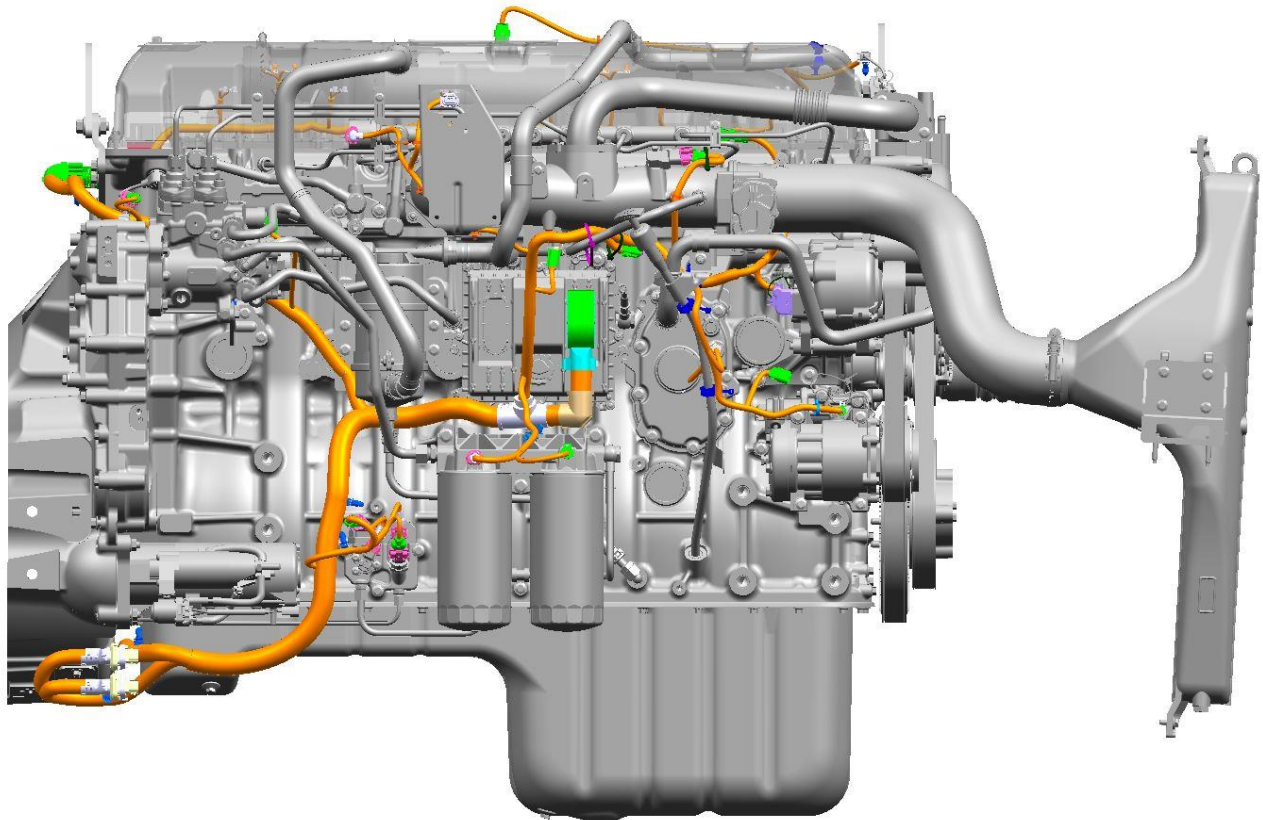
TRUCKS

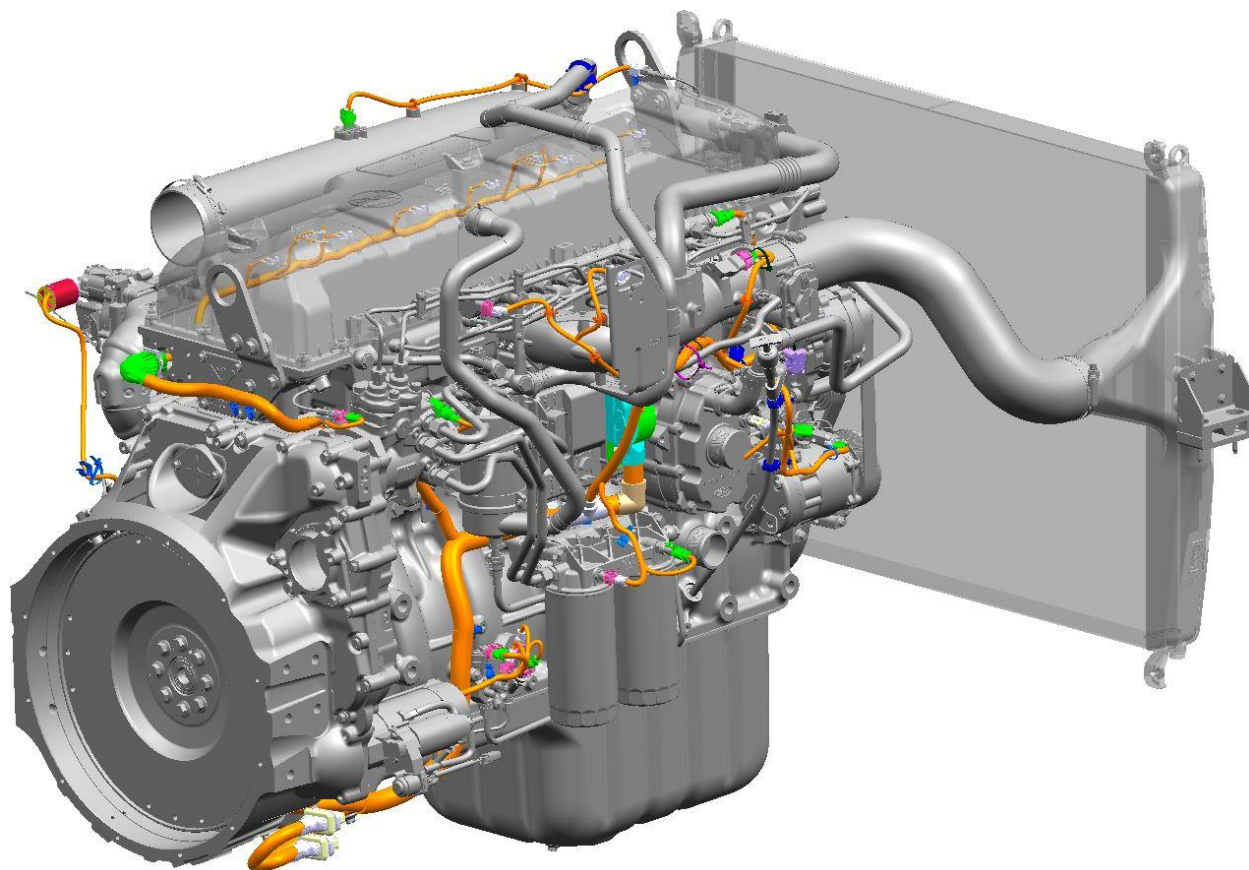
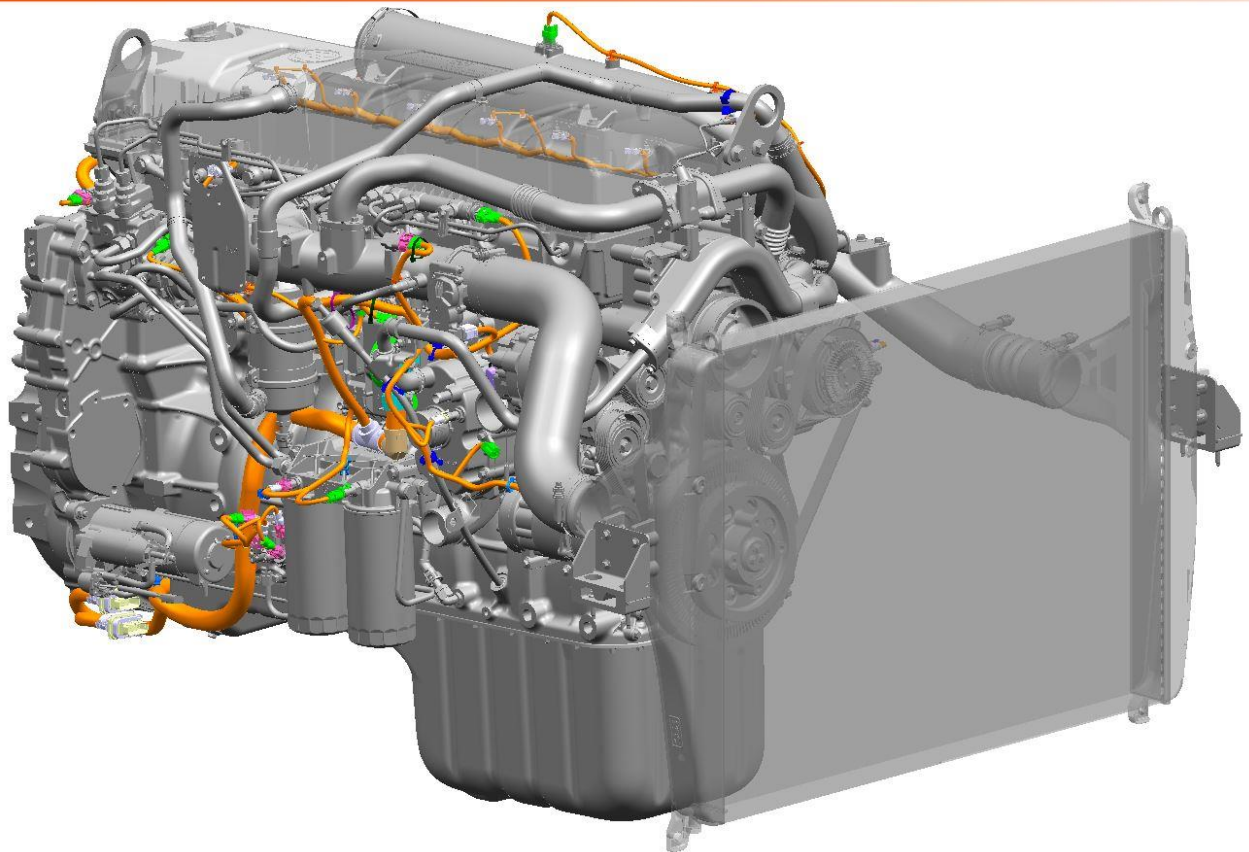


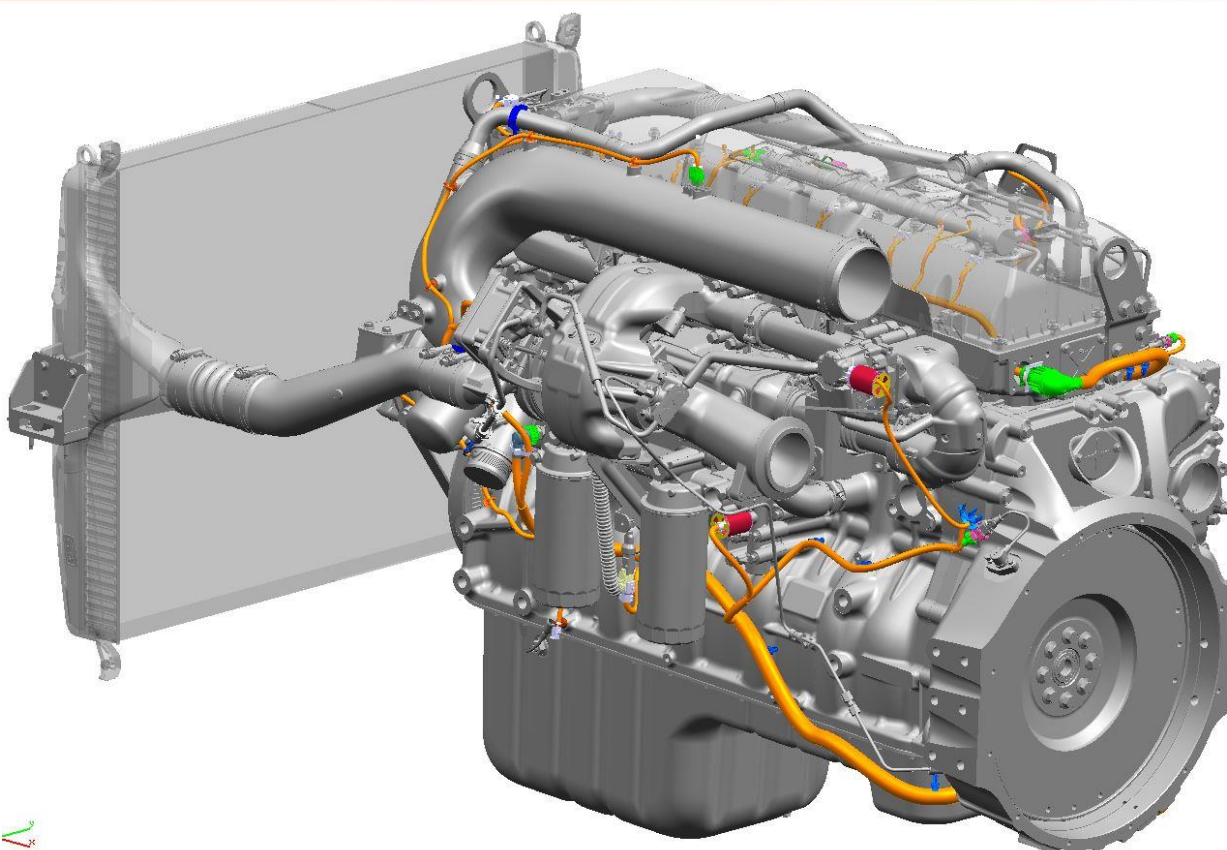
Connector Code	C1A179	
Connector Description	PRESSURE SENSOR RH	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	ORANGE/GREEN
2	0.75	GREEN
4	0.75	ORANGE/BLUE

12A690 → Sensor on Engine Wiring



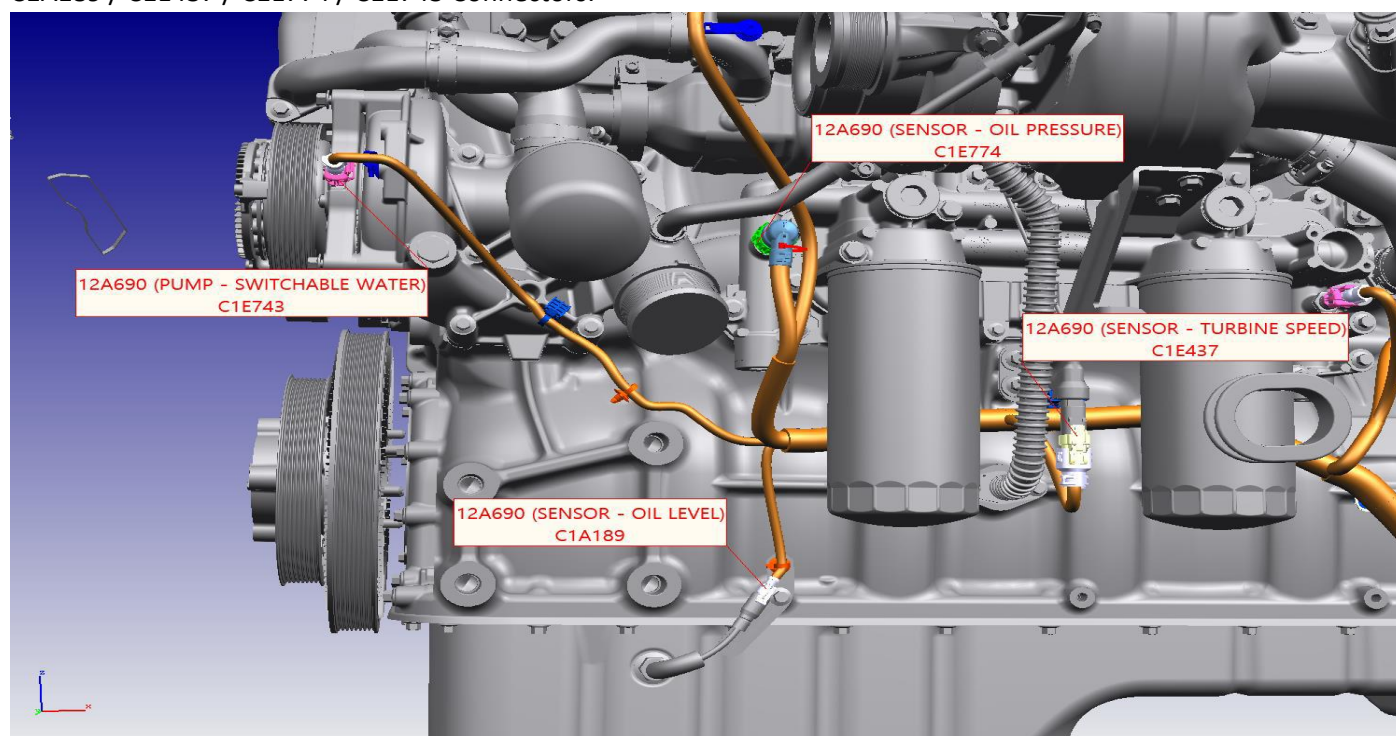






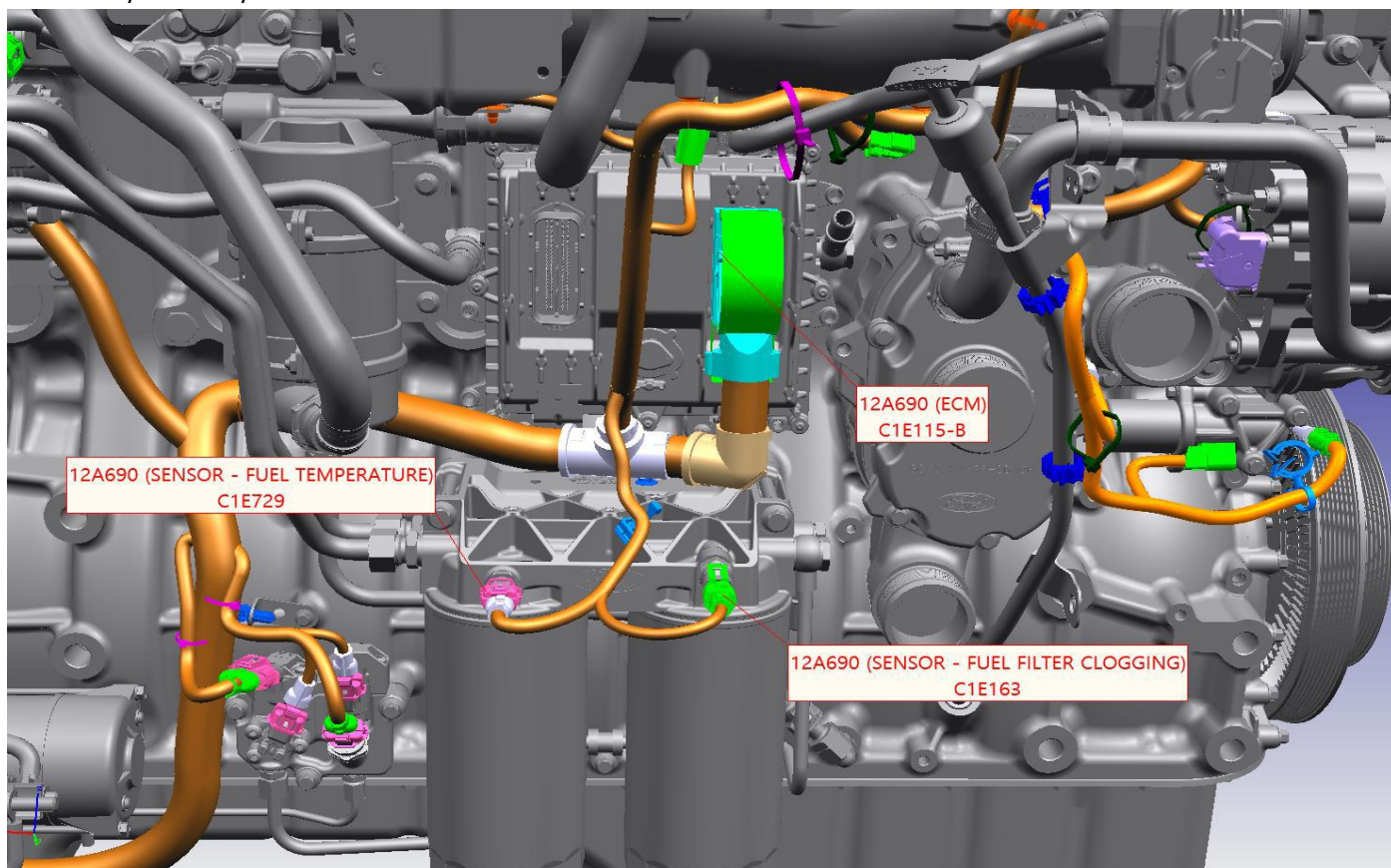
12A690 Wiring :

C1A189 / C1E437 / C1E774 / C1E743 Connectors:

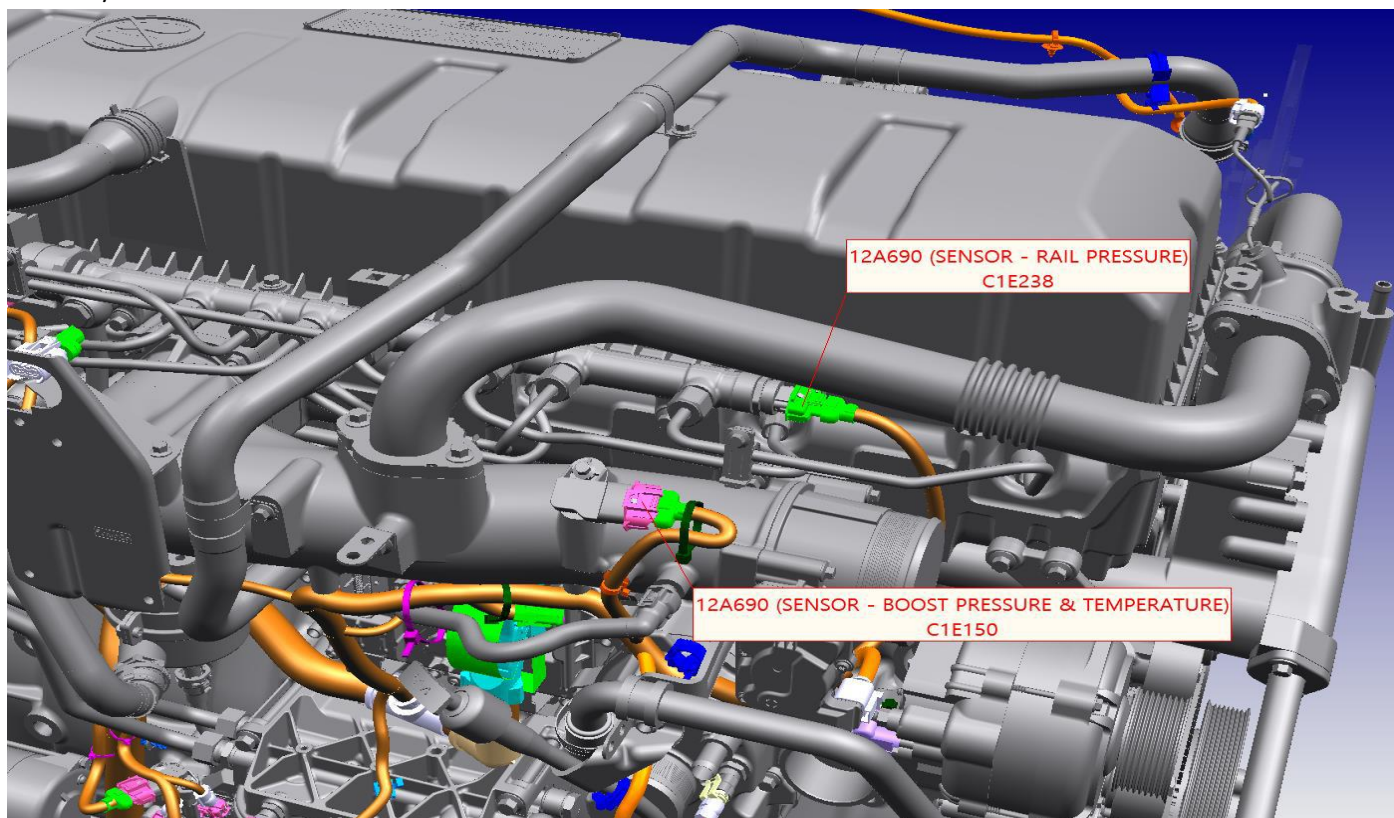


TRUCKS

C1E115-B / C1E729 / C1E163 Connectors:

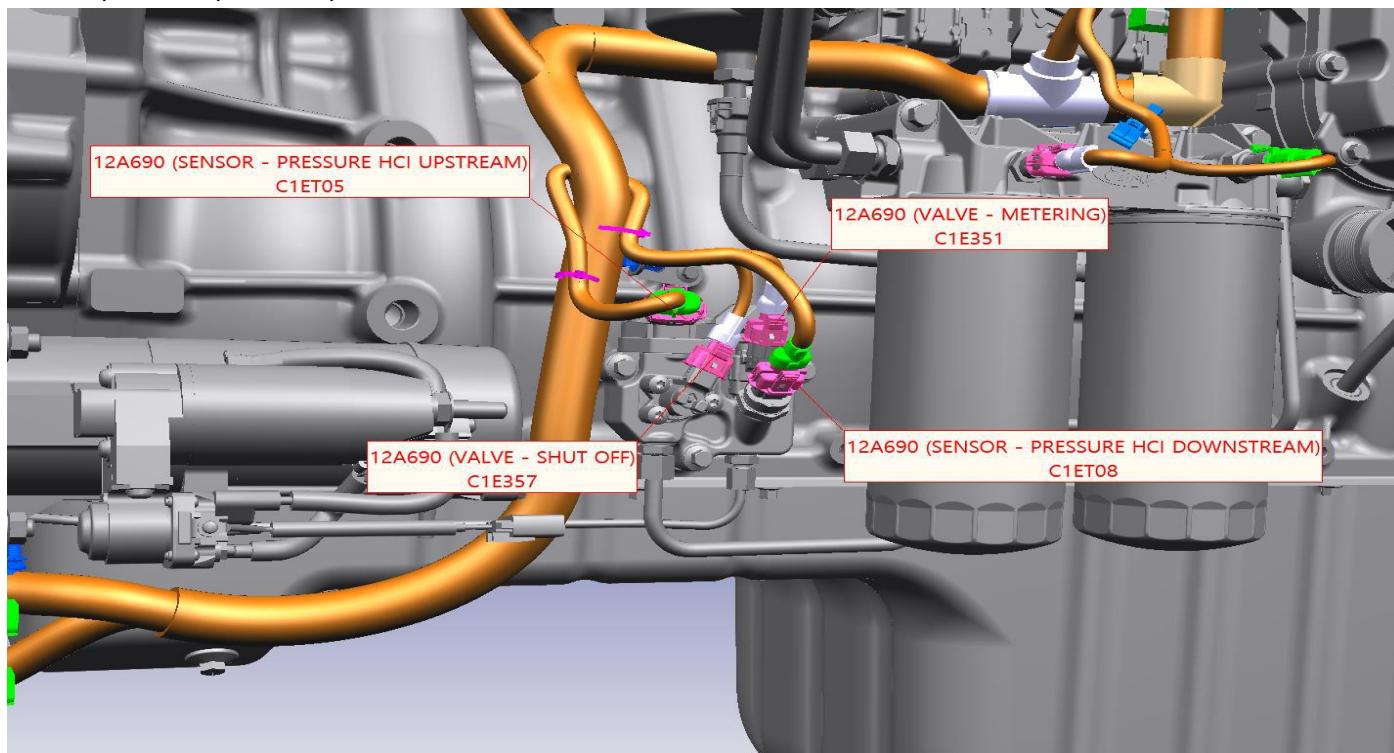


C1E150 / C1E238 Connectors:

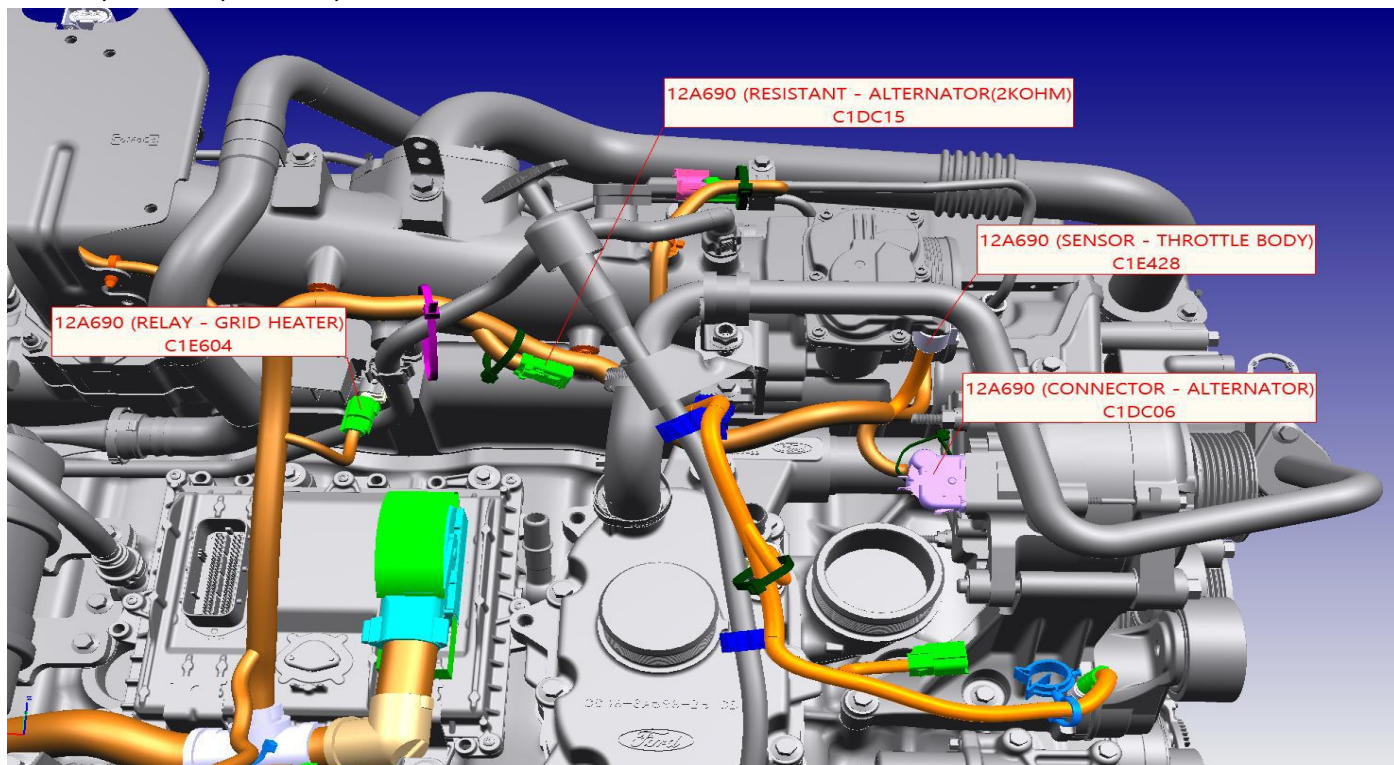


TRUCKS

C1E351 / C1E357 / C1ET08 / C1ET05 Connectors:

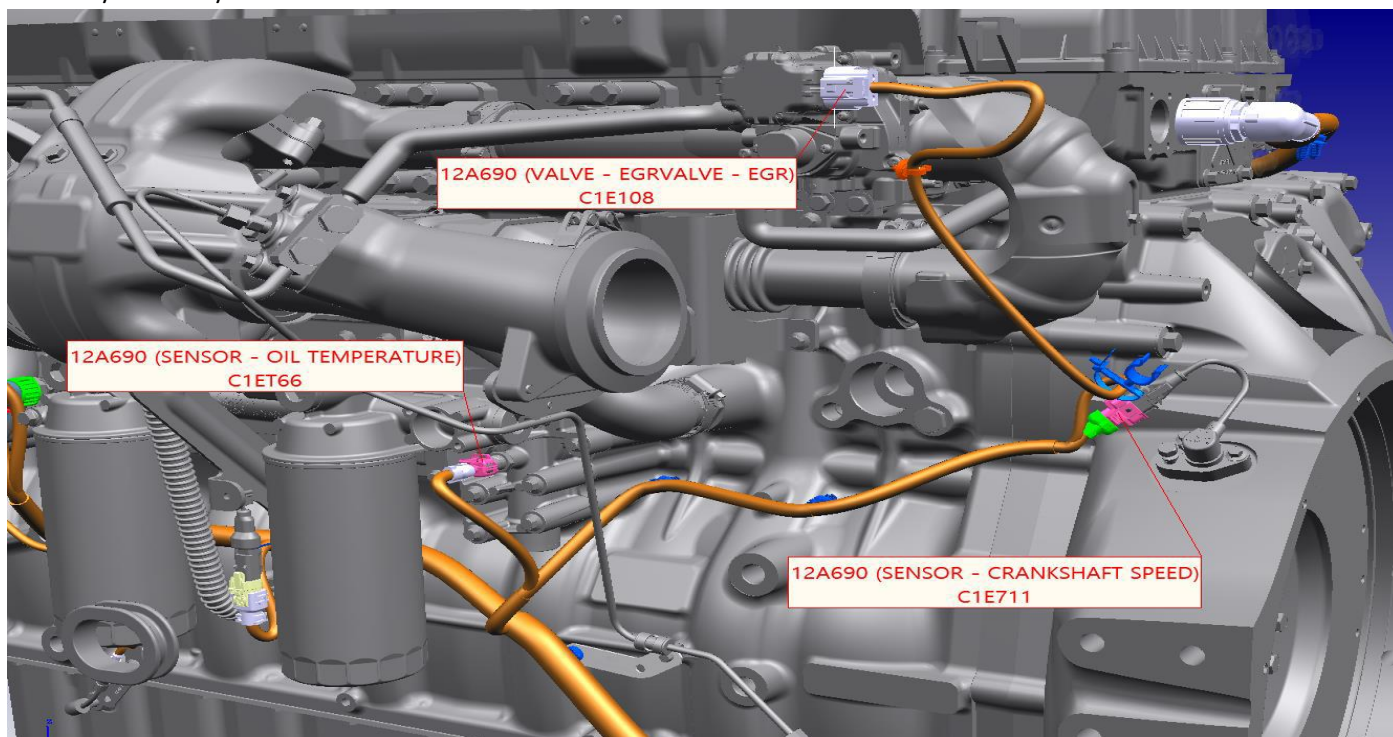


C1E604 / C1DC15 / C1E428 / C1DC06 Connectors:

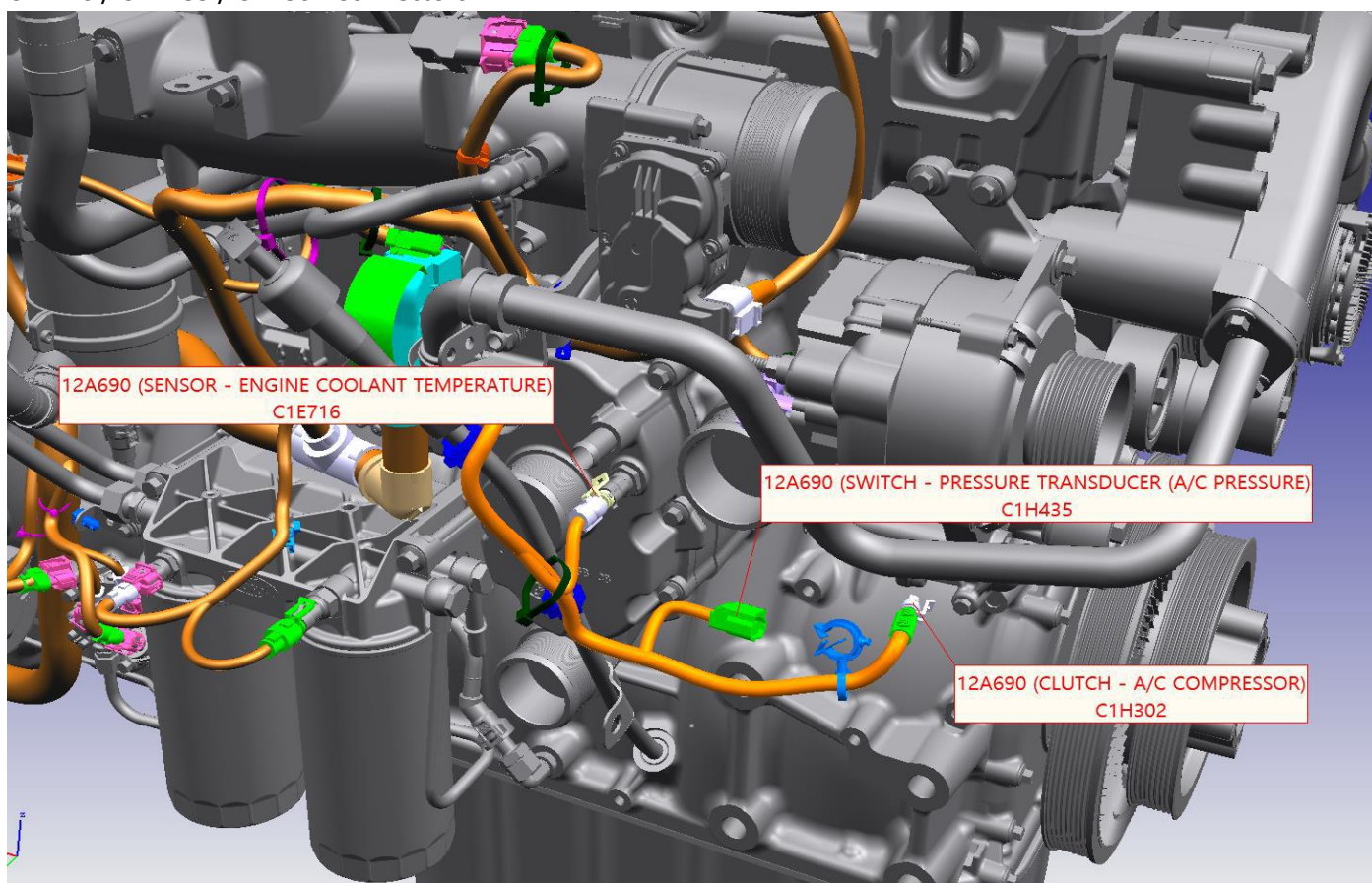


TRUCKS

C1E711 / C1E766 / C1E108 Connectors:

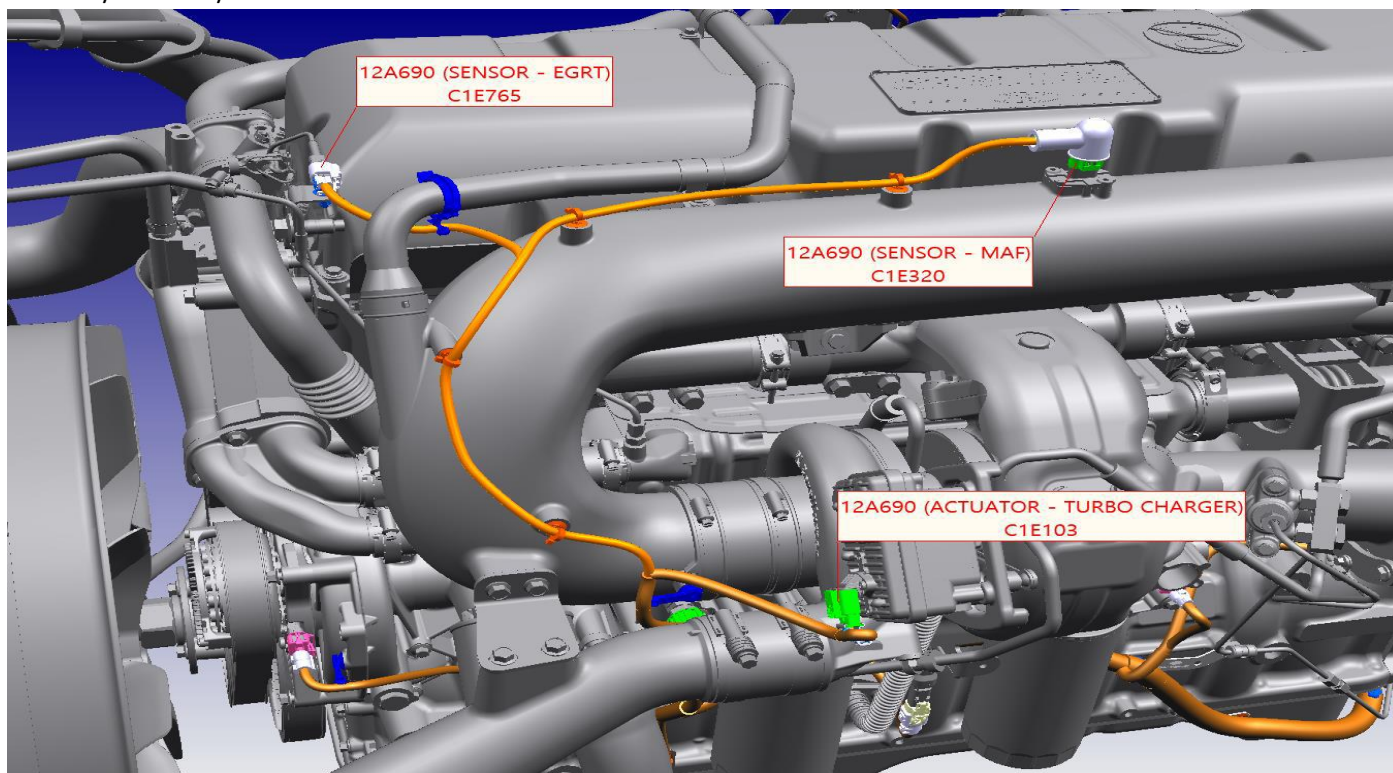


C1E716 / C1H435 / C1H302 Connectors:

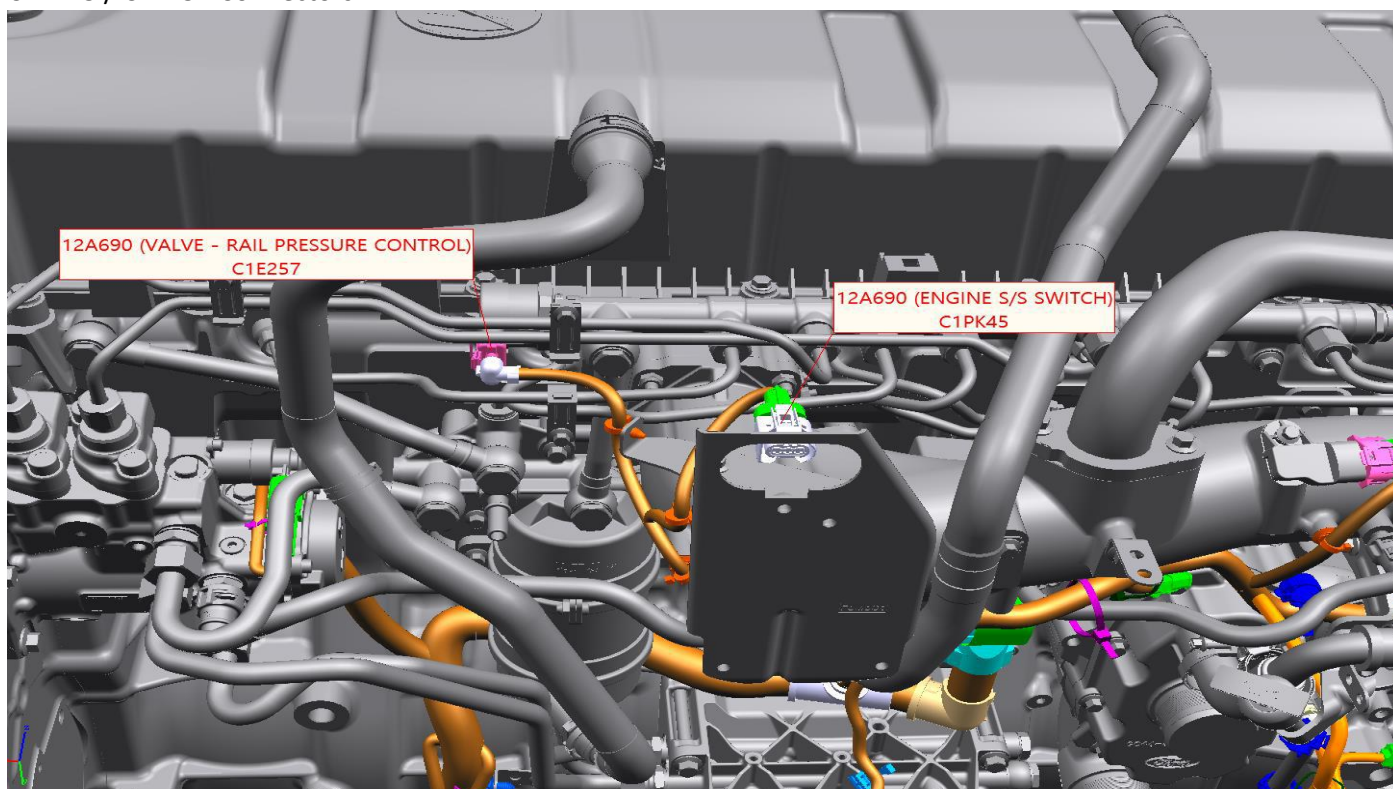


TRUCKS

C1E765 / C1E320 / C1E103 Connectors:

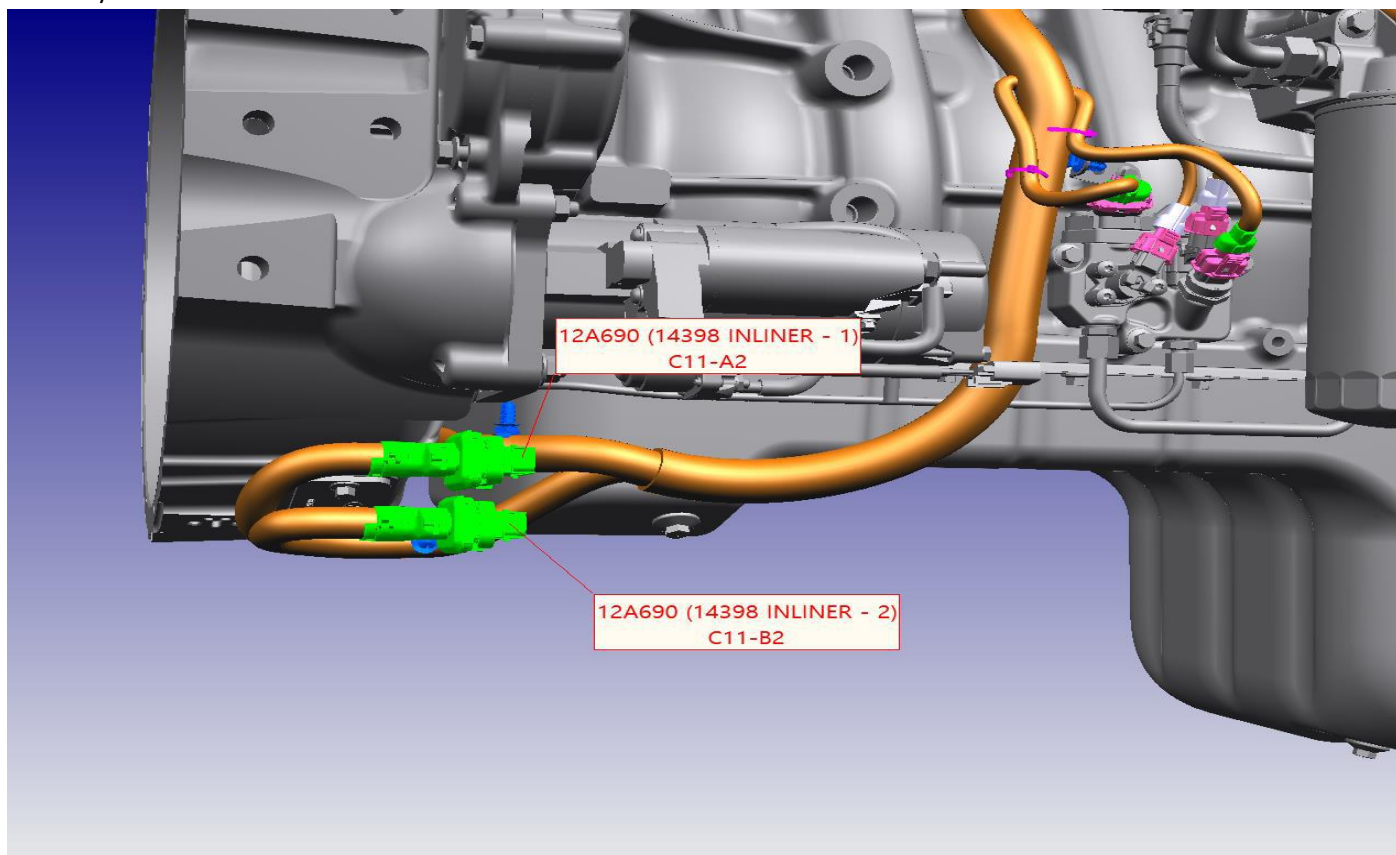


C1PK45 / C1E257 Connectors:

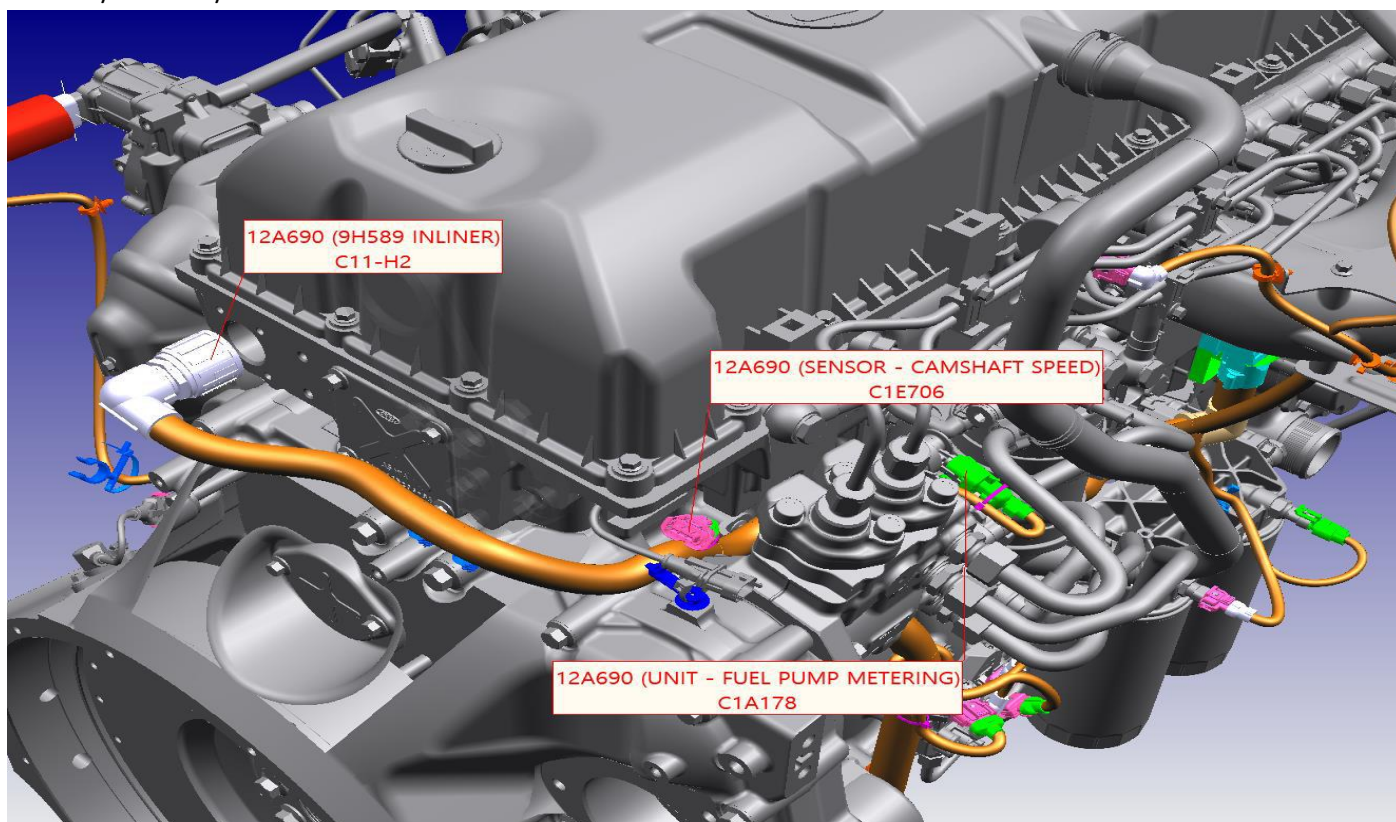


TRUCKS

C11-A2 / C11-B2 Connectors:

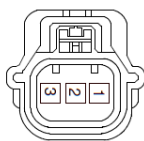


C11-H2 / C1E706 / C1A178 Connectors:

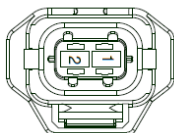


TRUCKS

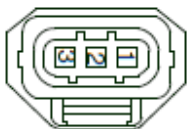
12A690 → Sensor on engine wiring connector descriptions:



Connector Code	C1H435	
Connector Description	TRANSDUCER	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	PURPLE
2	0.75	YELLOW
3	0.75	WHITE/BROWN

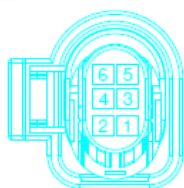


Connector Code	C1E716	
Connector Description	SENSOR ENGINE COOLAND TEMP.	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	YELLOW
2	0.75	ORANGE/GREEN

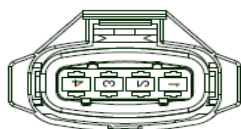


Connector Code	C1E238	
Connector Description	SENSOR REIL PRESSURE	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLUE/BROWN
2	0.75	BLUE/BROWN
3	0.75	GREY

TRUCKS



Connector Code	C1E428	
Connector Description	SENSOR THROTTLE BODY	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY
2	0.75	BLUE/WHITE
3	1	GREEN/PURPLE
5	1	BROWN
6	0.75	PURPLE

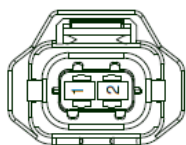


Connector Code	C1E150	
Connector Description	SENSOR BOOST PRESS.&TEMP	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/BLUE
2	0.75	YELLOW/GREEN
3	0.75	BLUE/WHITE
4	0.75	ORANGE/YELLOW

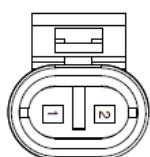


Connector Code	C1E604	
Connector Description	GRID HEATER RELAY	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/ORANGE
2	0.75	YELLOW/PURPLE

TRUCKS



Connector Code	C1E729	
Connector Description	SENSOR FUEL TEMPERATURE	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	PURPLE/WHITE
2	0.75	ORANGE/GREEN

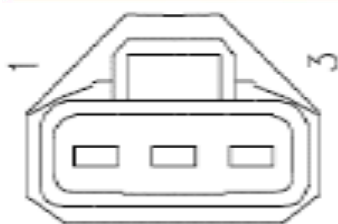


Connector Code	C1E163	
Connector Description	SENSOR FUEL FILTER CLOGGING	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	PURPLE/GREY
2	0.75	BROWN/BLUE

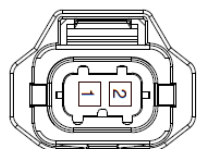


Connector Code	C1DC15	
Connector Description	RESISTANT-ALTARNATOR (2 Kohm)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	PURPLE
2	0.75	GREEN/ORANGE

TRUCKS



Connector Code	C1PK45	
Connector Description	ENGINE S/S SWITCH	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	YELLOW/PURPLE
2	0.75	GREEN/PURPLE
3	0.75	PURPLE/GREY

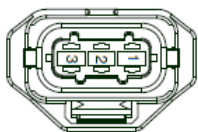


Connector Code	C1E257	
Connector Description	VALVE RAIL PRESSURE CONTROL	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/BROWN
2	0.75	ORANGE



Connector Code	C1A178	
Connector Description	UNIT FUEL METERING	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	ORANGE/WHITE
2	0.75	ORANGE/BLACK

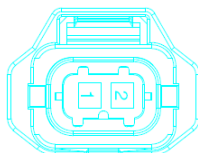
TRUCKS



Connector Code	C1E706	
Connector Description	SENSOR CAMSHAFT SPEED	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BROWN/BLUE
2	0.75	GREEN/PURPLE
3	0.75	SCRN

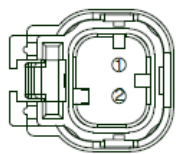


Connector Code	C1E708	
Connector Description	SENSOR PRESSURE DOWNSTREAM	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/BROWN
2	0.75	BLUE/GREEN
3	0.75	GREY/BROWN

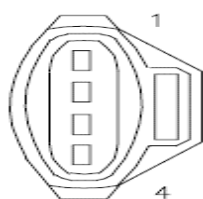


Connector Code	C1E351	
Connector Description	VALVE METERING	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	PURPLE/ORANGE
2	0.75	GREY

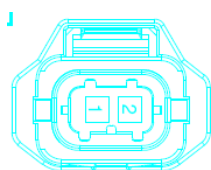
TRUCKS



Connector Code	C1E437	
Connector Description	SENSOR TURBINE SPEED	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	YELLOW
2	0.75	GREY

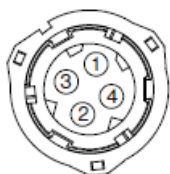


Connector Code	C1ET05	
Connector Description	SENSOR PRESSURE HCI UPSTREAM	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/ORANGE
2	0.75	BROWN/GREEN
3	0.75	GREEN/BROWN
4	0.75	BLUE/GREEN

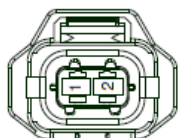


Connector Code	C1E743	
Connector Description	WATER PUMP	
Pin Layout	Wire Thickness	Wiring Colour
1	1	YELLOW/GREY
2	0.75	GREY

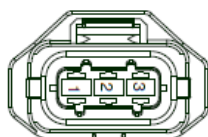
TRUCKS



Connector Code	C1E774	
Connector Description	SENSOR OIL PRESSURE	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	YELLOW/GREEN
2	0.75	GREY
4	0.75	GREEN/ORANGE

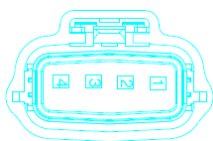


Connector Code	C1ET66	
Connector Description	SENSOR OIL TEMPARATURE	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN
2	0.75	GREEN/ORANGE

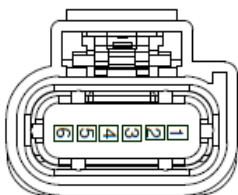


Connector Code	C1E711	
Connector Description	SENSOR CRANKSHAFT	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	YELLOW/PURPLE
2	0.75	ORANGE/BLUE
3	0.75	SCRN

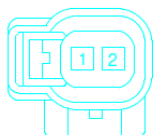
TRUCKS



Connector Code	C1E108	
Connector Description	VALVE EGR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/BLUE
2	0.75	WHITE/GREEN
3	0.75	BLACK/GREEN
4	0.75	GREEN/WHITE



Connector Code	C1E103	
Connector Description	TURBO CHARGER ACTUATOR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/WHITE
2	0.75	BLACK/GREEN
3	0.75	GREEN/BLUE
4	0.75	ORANGE/BLUE
5	0.75	WHITE/GREEN
6	0.75	ORANGE/YELLOW



Connector Code	C1E765	
Connector Description	SENSOR EGRT	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/BLUE
2	0.75	PURPLE

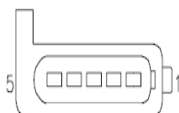
TRUCKS



Connector Code	C1E320	
Connector Description	SENSOR MAF(HMF)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLUE
2	0.75	ORANGE/BLACK
3	0.75	GREEN/ORANGE
4	0.75	YELLOW/PURPLE

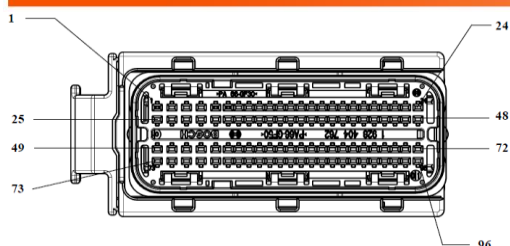


Connector Code	C1H302	
Connector Description	CLUTCH-A/C COMPRESSOR	
Pin Layout	Wire Thickness	Wiring Colour
1	1	PURPLE/WHITE



Connector Code	C1DC06	
Connector Description	CONNECTOR-ALTERNATOR	
Pin Layout	Wire Thickness	Wiring Colour
3	0.75	PURPLE
4	0.75	PURPLE/WHITE

TRUCKS



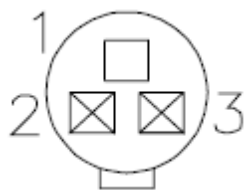
Connector Code	C1E115-B	
Connector Description	ECU	
Pin Layout	Wire Thickness	Wiring Colour
1	1.5	BLUE/ORANGE
2	1.5	YELLOW/BLUE
3	1.5	GREEN/PURPLE
4	1.5	WHITE
5	1	GREEN/PURPLE
6	0.75	GREEN/ORANGE
8	0.75	BLUE/WHITE
9	0.75	ORANGE/BLACK
10	0.75	GREY
12	0.75	PURPLE/WHITE
13	0.75	GREEN
14	0.75	PURPLE/GREY
15	0.75	GREY
17	0.75	GREEN/BLUE
18	0.75	WHITE/GREEN
19	0.75	BROWN/BLUE
20	0.75	YELLOW/PURPLE
22	0.75	GREY
24	1.5	GREEN/ORANGE
25	1.5	GREY/YELLOW
26	1.5	GREEN/BLUE
27	1.5	PURPLE/GREY
28	1.5	GREY/BLUE
29	1	BROWN
30	0.75	GREEN/ORANGE
31	0.75	YELLOW/GREEN
32	0.75	WHITE/BROWN
33	0.75	GREEN/BROWN
34	0.75	BLUE/WHITE
35	0.75	GREY
36	0.75	BLUE/BROWN



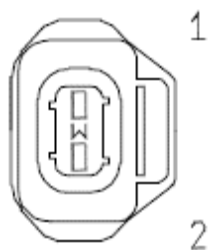
TRUCKS

37	0.75	YELLOW/GREEN
38	0.75	GREY/BLUE
39	0.75	YELLOW
40	0.75	PURPLE
42	0.75	PURPLE
47	0.75	PURPLE
48	1	YELLOW/GREY
49	1.5	GREEN/WHITE
50	1.5	YELLOW/ORANGE
51	1.5	BROWN
54	0.75	BLUE
56	0.75	ORANGE
58	0.75	ORANGE/WHITE
59	0.75	ORANGE/GREEN
60	0.75	BLUE/BROWN
61	0.75	YELLOW
65	0.75	YELLOW/PURPLE
66	0.75	ORANGE/BLUE
67	0.75	GREEN/PURPLE
68	0.75	BROWN/BLUE
69	0.75	ORANGE/YELLOW
70	0.75	GREY
73	1.5	BROWN/PURPLE
74	1.5	BLUE
75	1.5	WHITE/GREEN
81	0.75	ORANGE
82	0.75	GREY/BROWN
83	0.75	ORANGE/BLACK
84	0.75	ORANGE/GREEN
85	0.75	YELLOW/PURPLE
86	0.75	ORANGE/YELLOV
89	0.75	WHITE/PURPLE
90	0.75	GREEN/BLUE
91	0.75	WHITE/PURPLE
92	0.75	WHITE/ORANGE
93	0.75	YELLOW
94	0.75	GREY
95	0.75	PURPLE
96	1	GREY/PURPLE

TRUCKS

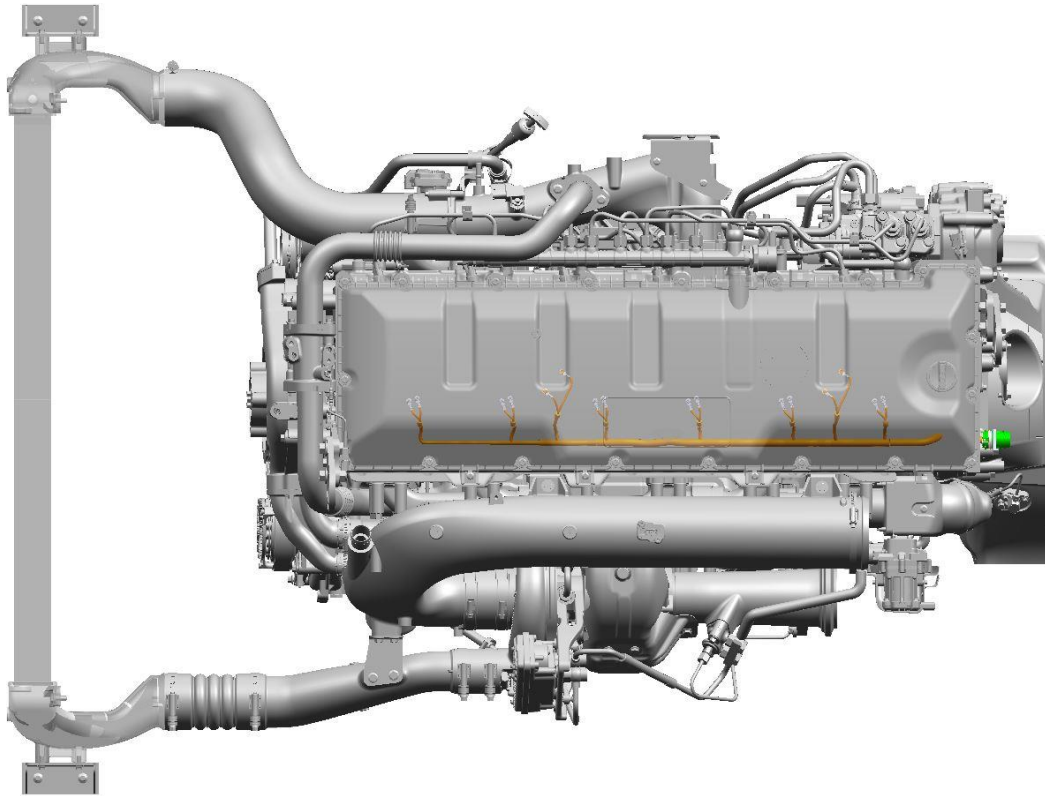


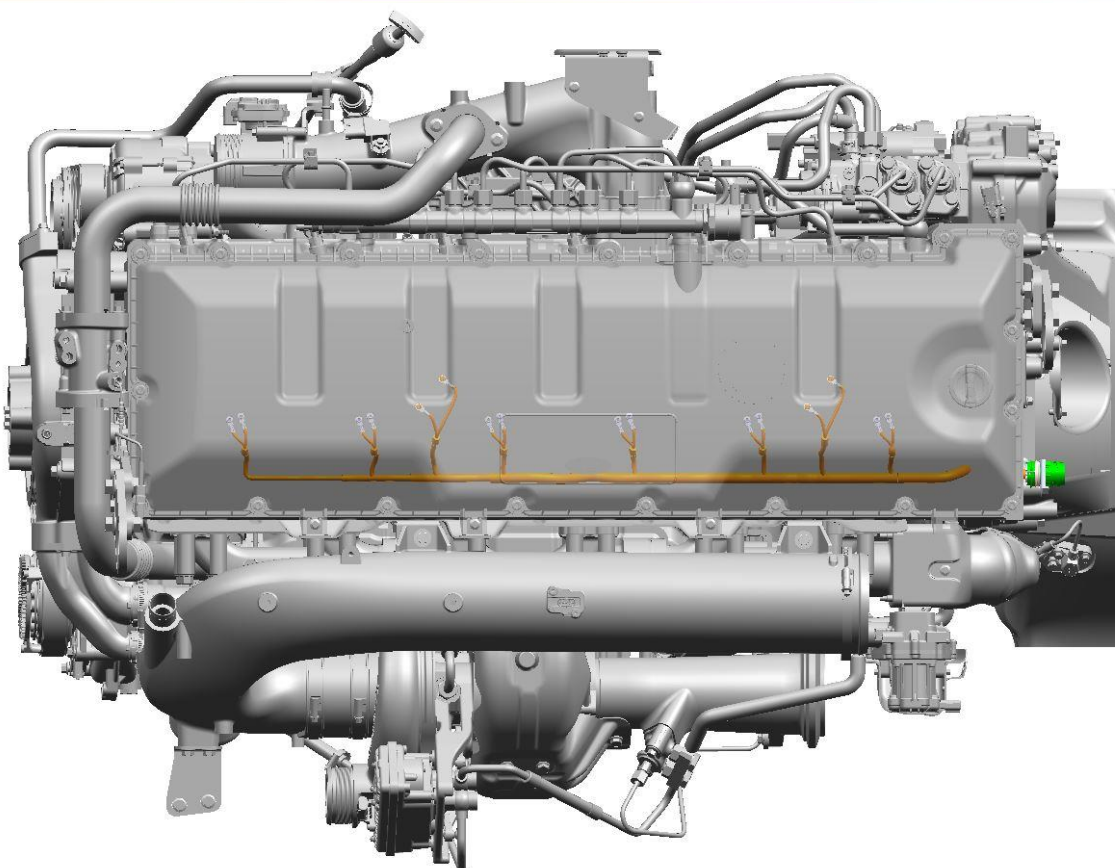
Connector Code	C1A189	
Connector Description	SENSOR OIL LEVEL	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	ORANGE/GREEN
2	0.75	ORANGE/GREEN
3	0.75	GREEN/ORANGE



Connector Code	C1E357	
Connector Description	VALVE SHUT OFF	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	WHITE
2	0.75	PURPLE/WHITE

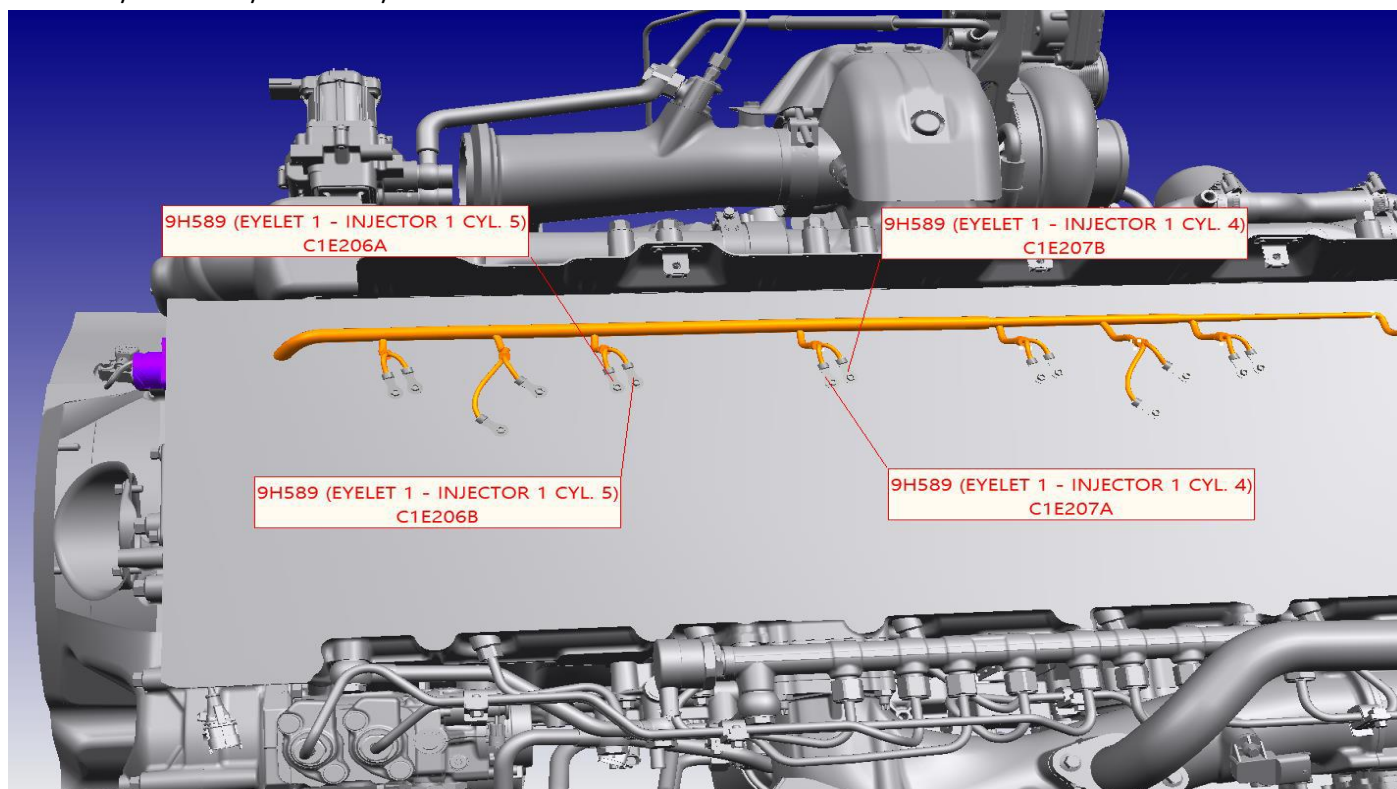
9H589 → Injector Wiring





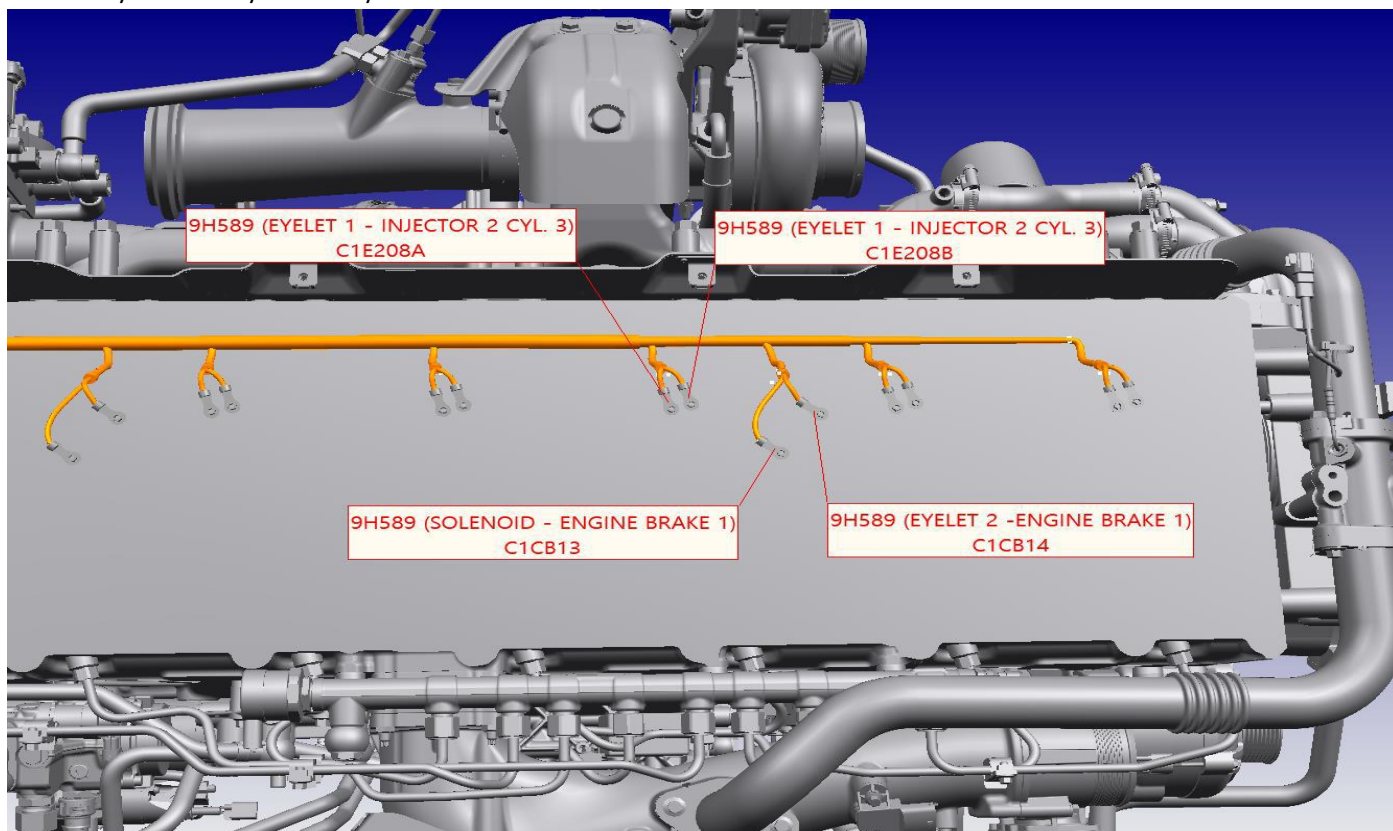
9H589 Wiring:

C1E206A / C1E206B / C1E207A / C1E207B Connectors:

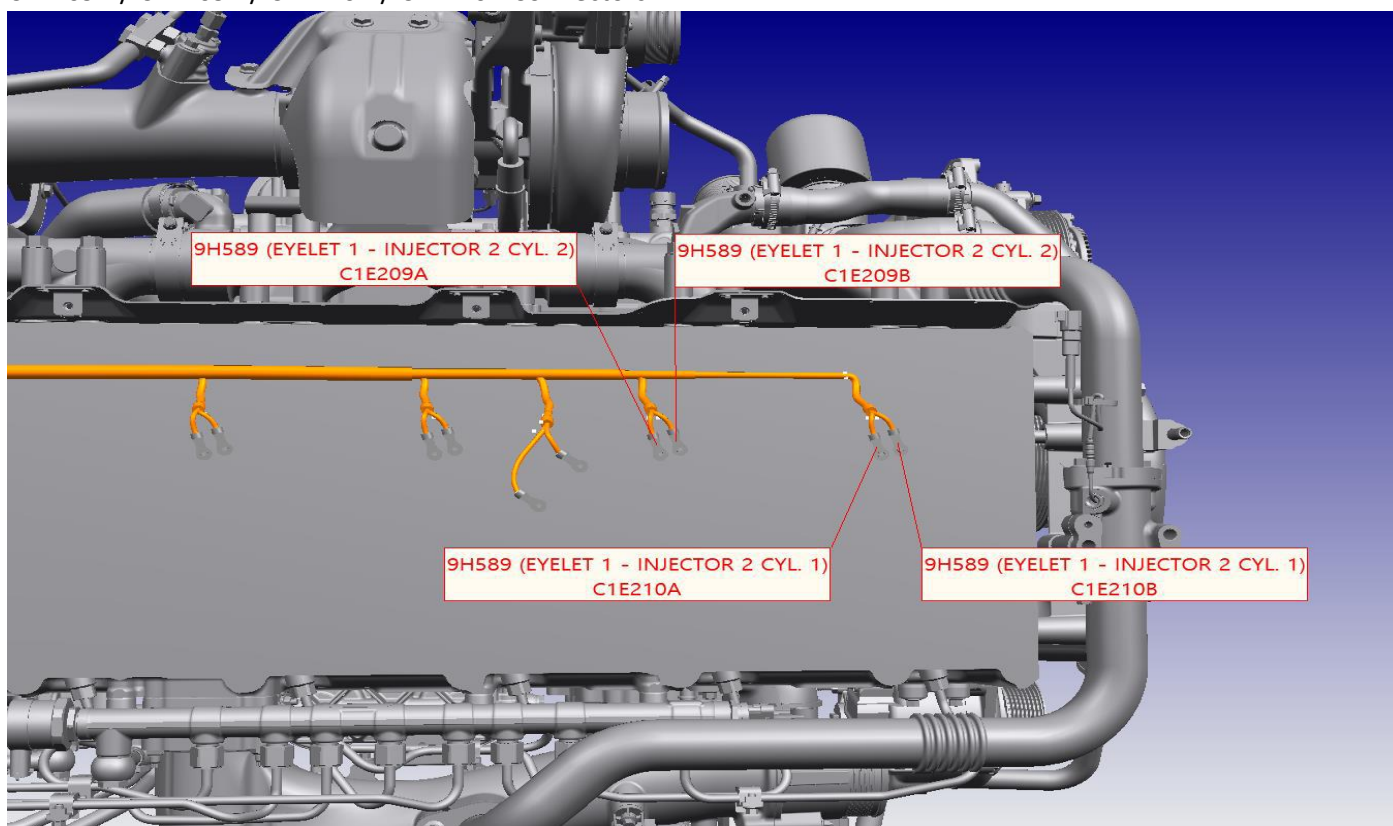


TRUCKS

C1E208A / C1E208B / C1CB13 / C1CB14 Connectors:

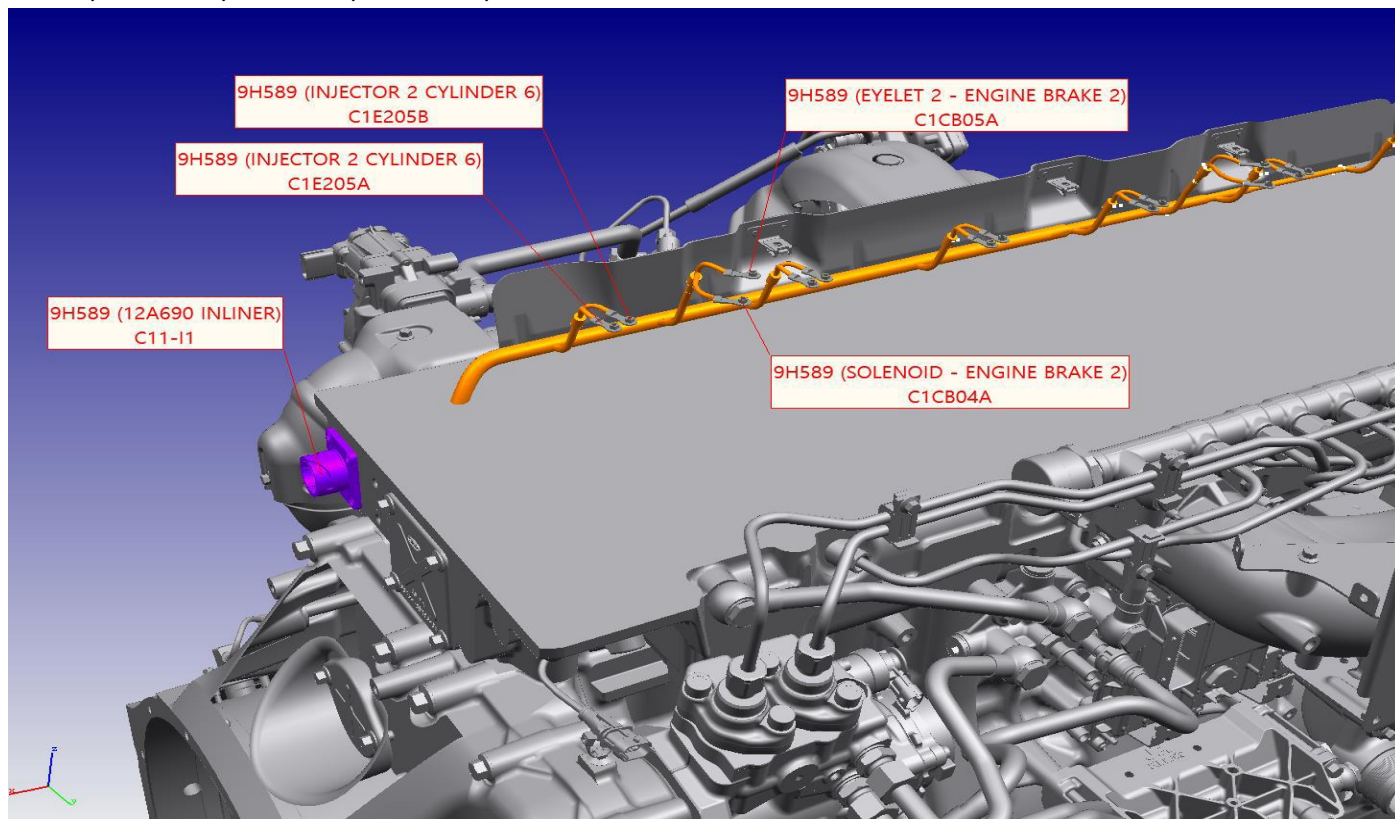


C1E209A / C1E209B / C1E210A / C1E210B Connectors:



TRUCKS

C11-I1 / C1E205A / C1E205B / C1CB04A / C1CB05A Connectors :



TRUCKS

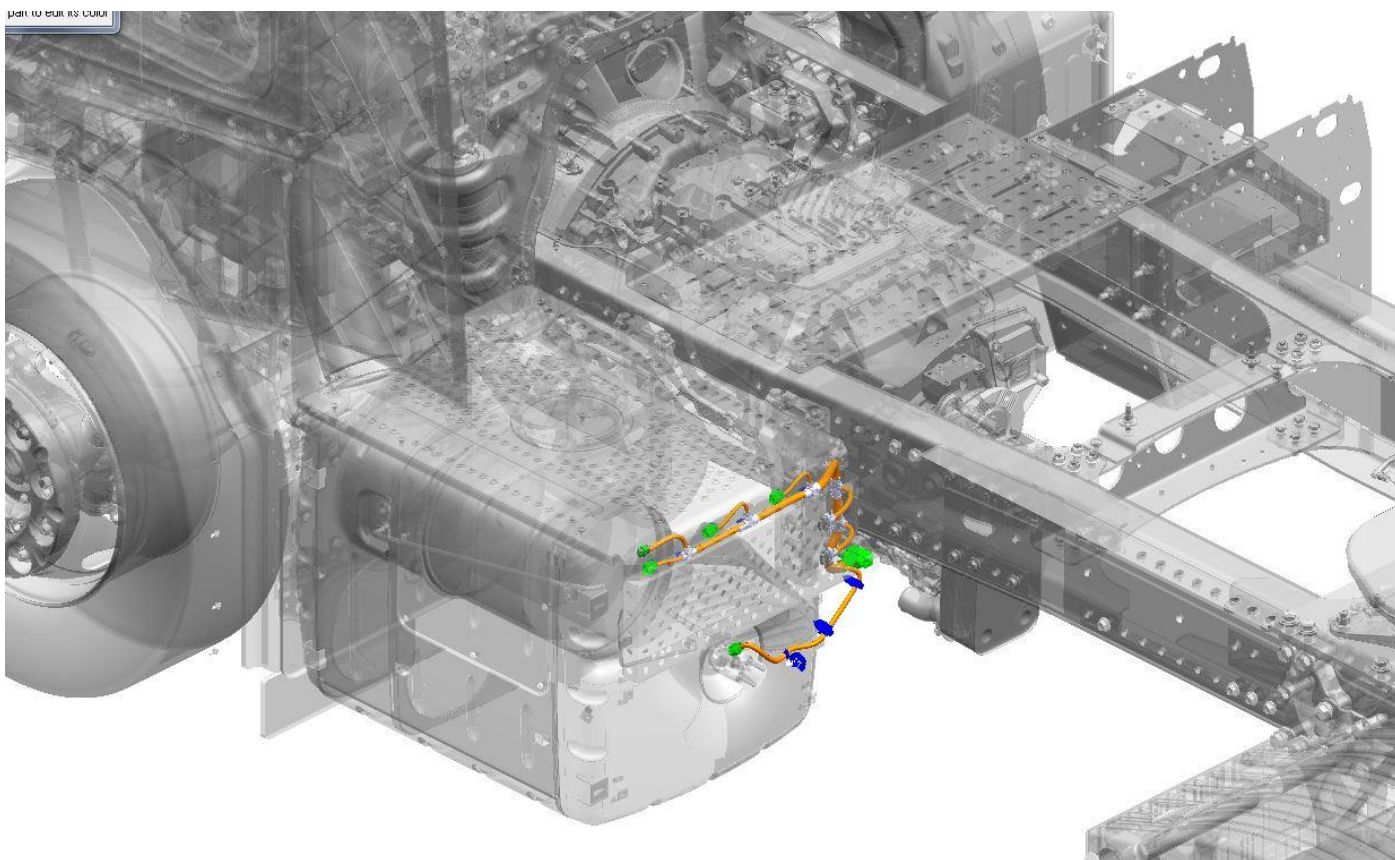
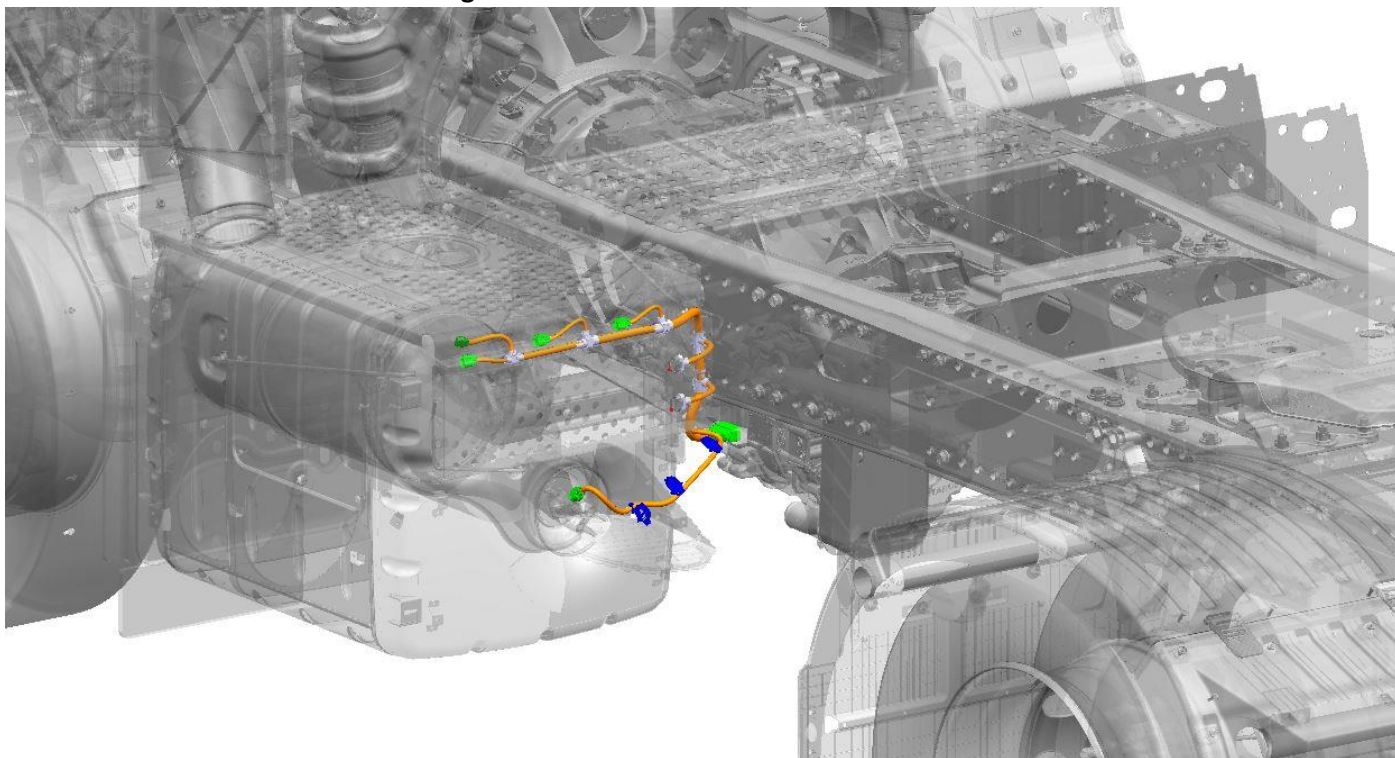
9H589 → Injector wiring connector descriptions:



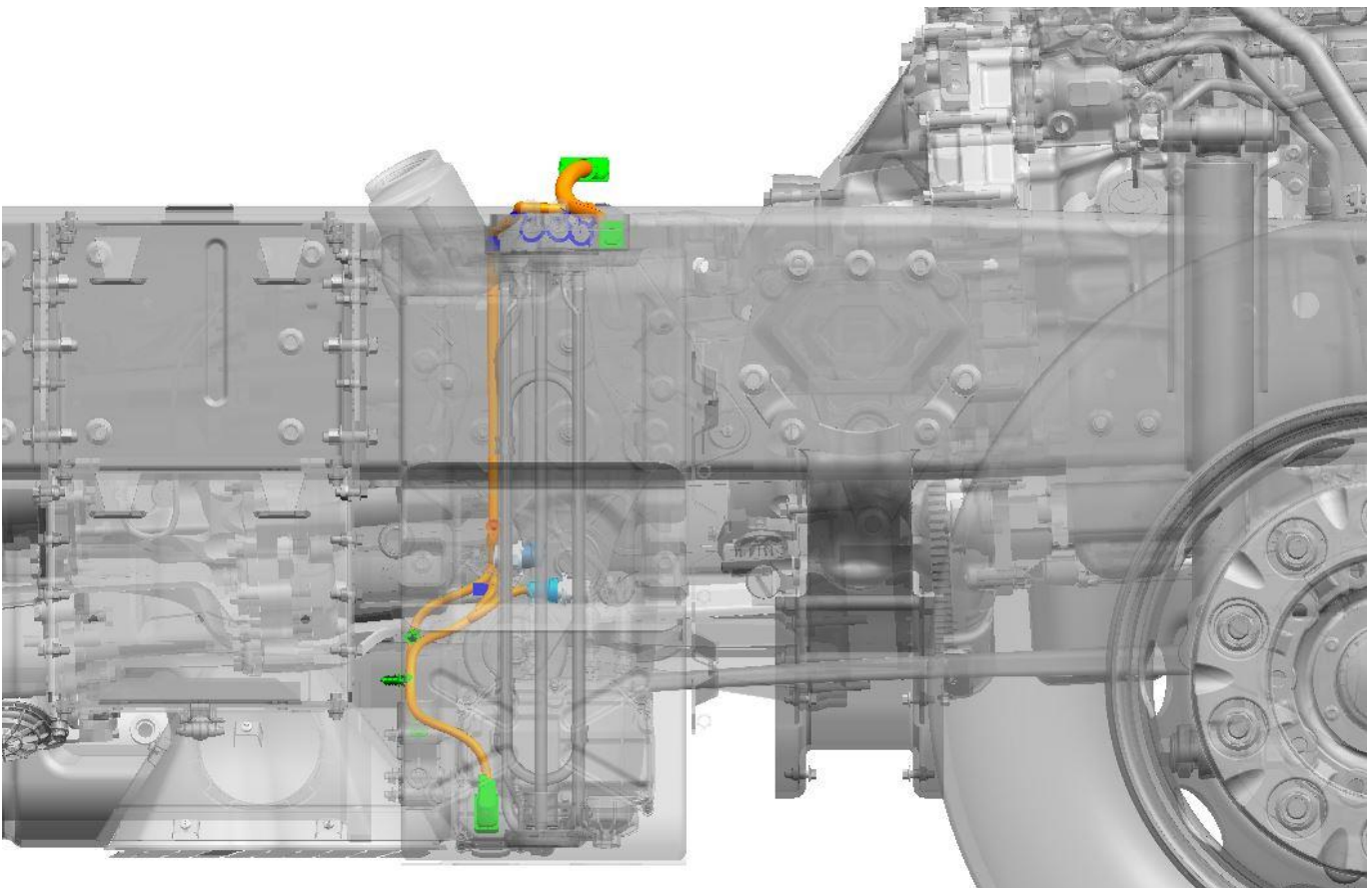
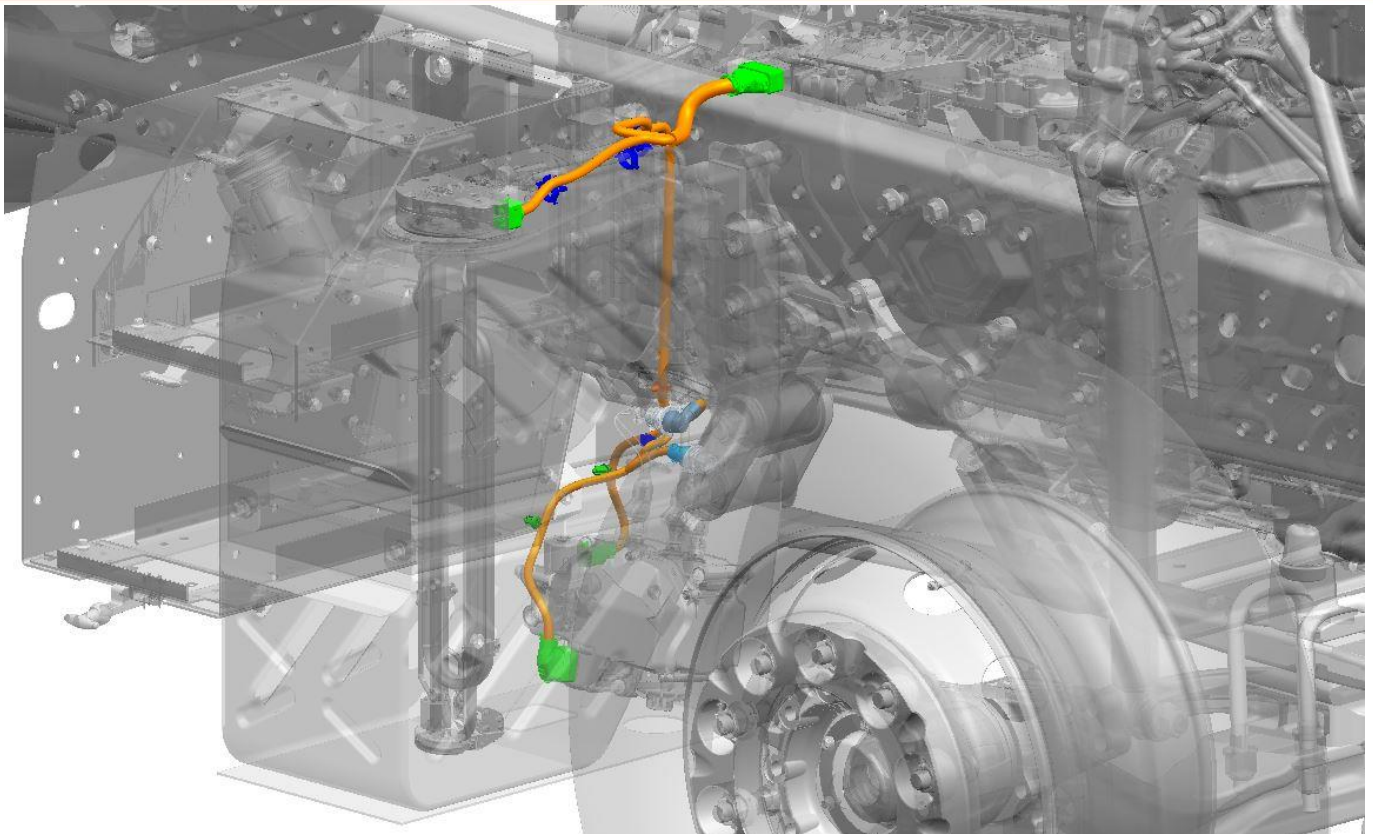
Connector Code	C11-H1	
Connector Description	HEAD CONNECTOR TO 12A690	
Pin Layout	Wire Thickness	Wiring Colour
1	1.5	GREEN/BLUE
2	1.5	YELLOW/BLUE
3	1.5	GREY/YELLOW
4	1.5	YELLOW/ORANGE
5	1.5	PURPLE/GREY
6	1.5	GREEN/PURPLE
7	1.5	BLUE/ORANGE
8	1.5	BLUE
9	1.5	BROWN
10	1.5	WHITE/GREEN
11	1.5	GREEN/WHITE
12	1.5	BROWN/PURPLE
13	1	WHITE
14	1	GREY/BLUE
15	1	PURPLE
16	1	GREY

TRUCKS

9L430 - 14D378 → Exhaust-SCR Wiring



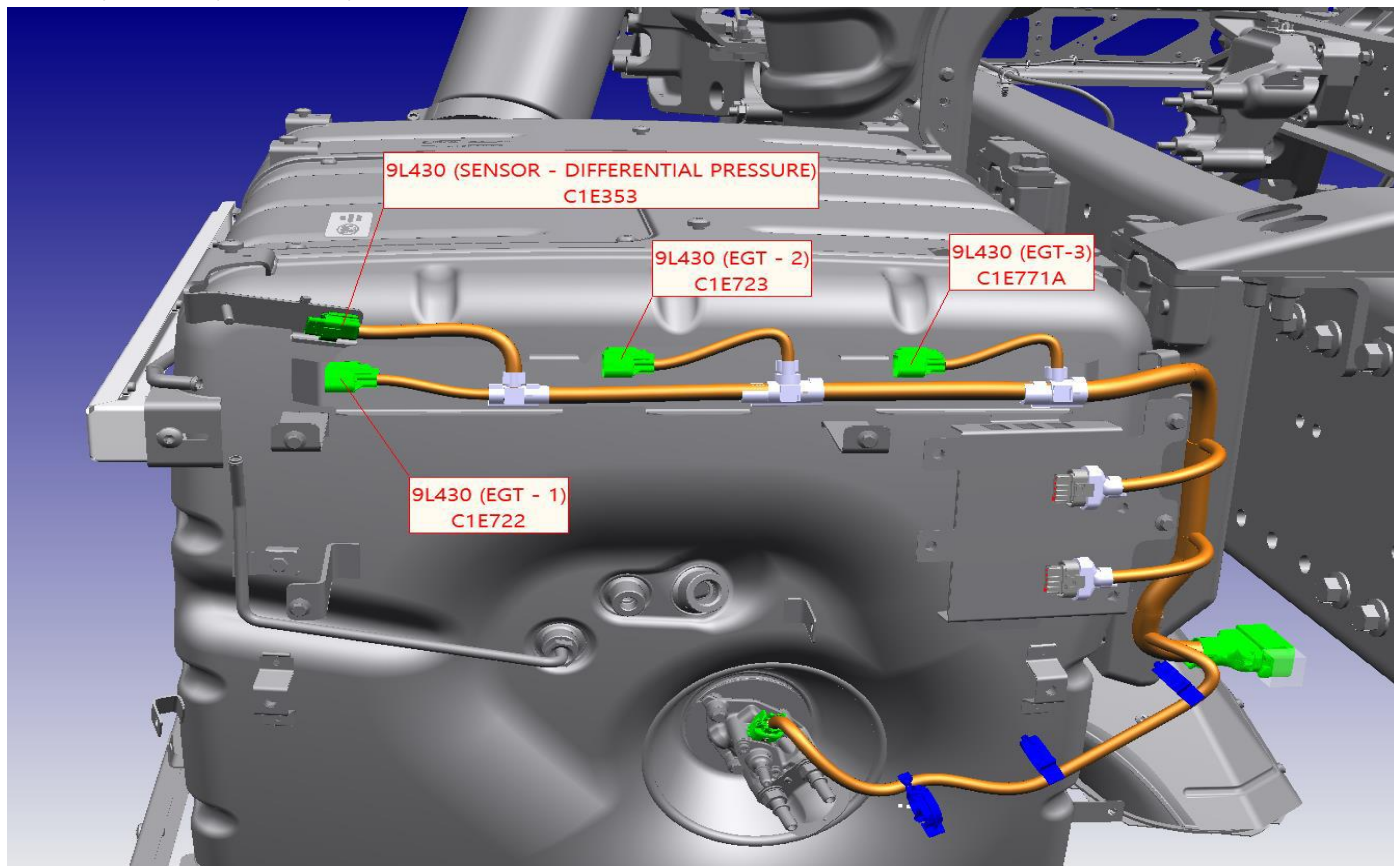
TRUCKS



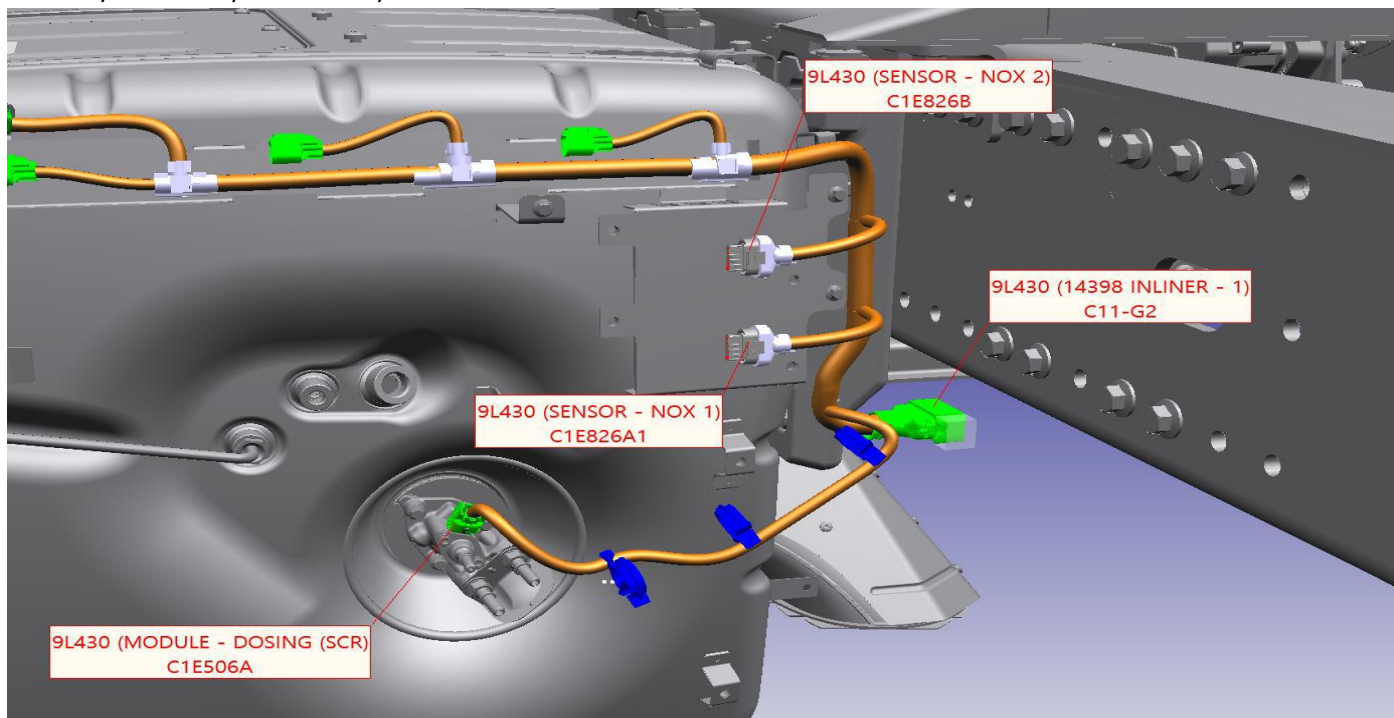
TRUCKS

9L430 Wiring :

C1E722 / C1E723 / C1E771A / C1E353 Connectors:



C11-G2 / C1E506A / C1E826A1 / C1E826B Connectors :



TRUCKS

9L430 → Exhaust-SCR Wiring connector descriptions:



Connector Code	C1E771A	
Connector Description	EGT 3	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BROWN/PURPLE
2	0.75	GREY/ORANGE

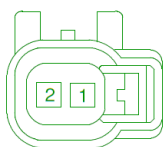


Connector Code	C1E723	
Connector Description	EGT2	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/PURPLE
2	0.75	GREY/PURPLE

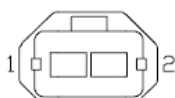


Connector Code	C1E353	
Connector Description	SENSOR DIFFERENTIAL PRESSURE	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	YELLOW/ORANGE
2	0.75	GREEN/WHITE
3	0.75	WHITE/BLUE

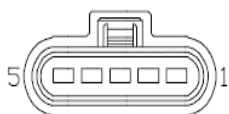
TRUCKS



Connector Code	C1E722	
Connector Description	EGT1	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BROWN
2	0.75	GREY/PURPLE

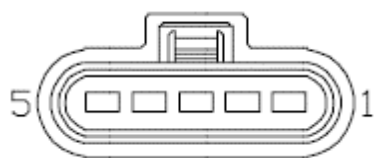


Connector Code	C1E506A	
Connector Description	MODULE DOSING	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN
2	1	YELLOW/GREY



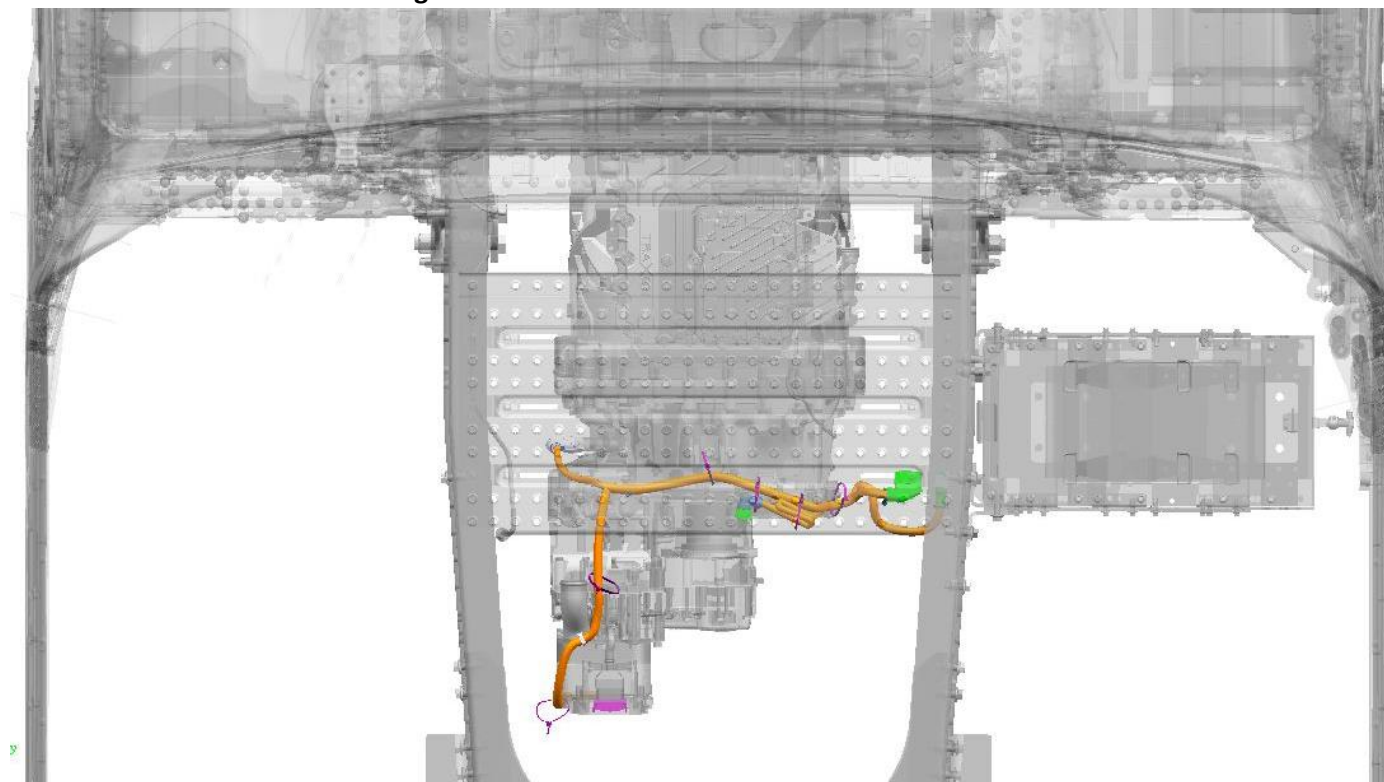
Connector Code	C1E826A1	
Connector Description	SENSOR NOX1	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	YELLOW/ORANGE
2	0.75	YELLOW/GREY
3	0.75	GREEN/BLUE
4	0.75	GREY/ORANGE
5	0.75	YELLOW/GREY

TRUCKS

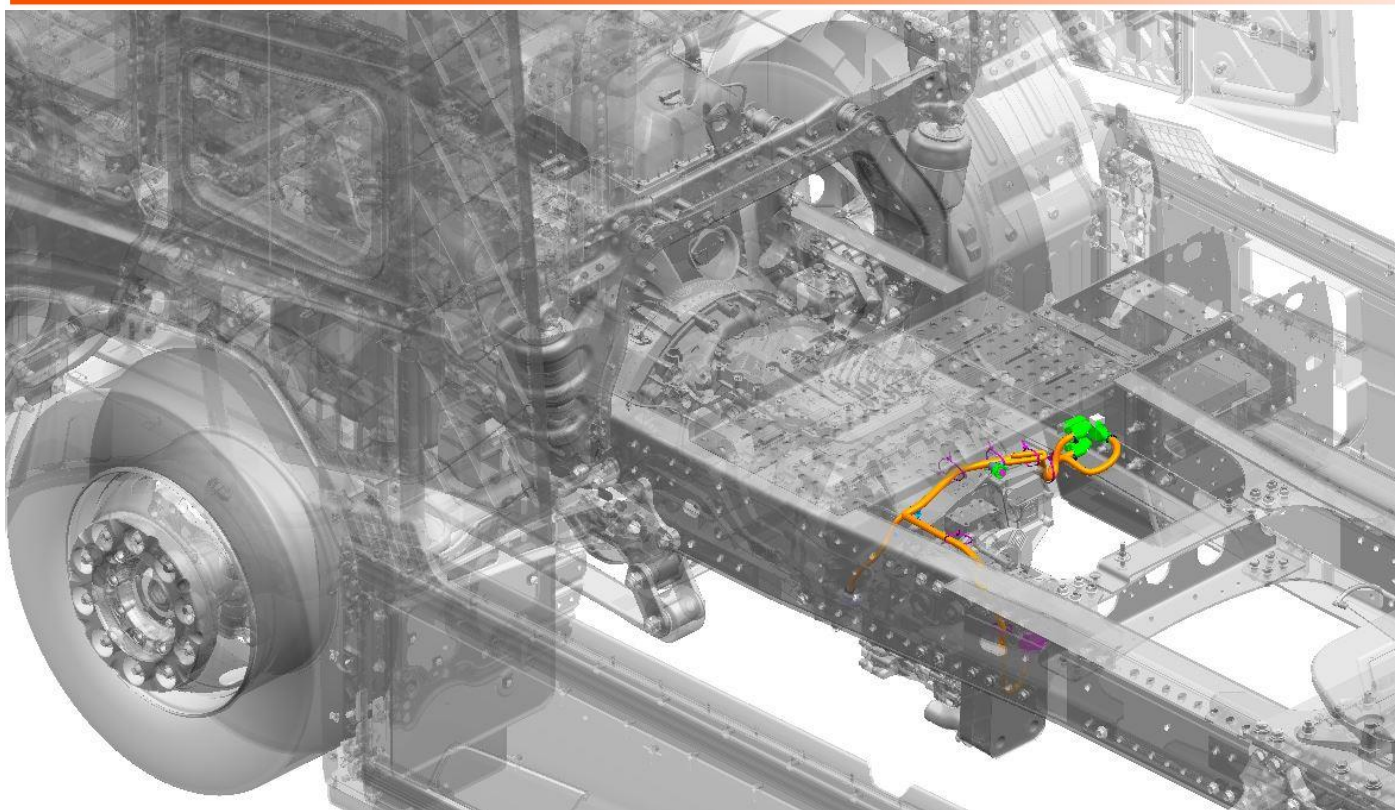


Connector Code	C1E826B	
Connector Description	SENSOR NOX2	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	YELLOW/ORANGE
2	0.75	YELLOW/GREY
3	0.75	GREEN/BLUE
4	0.75	GREY/ORANGE
5	0.75	

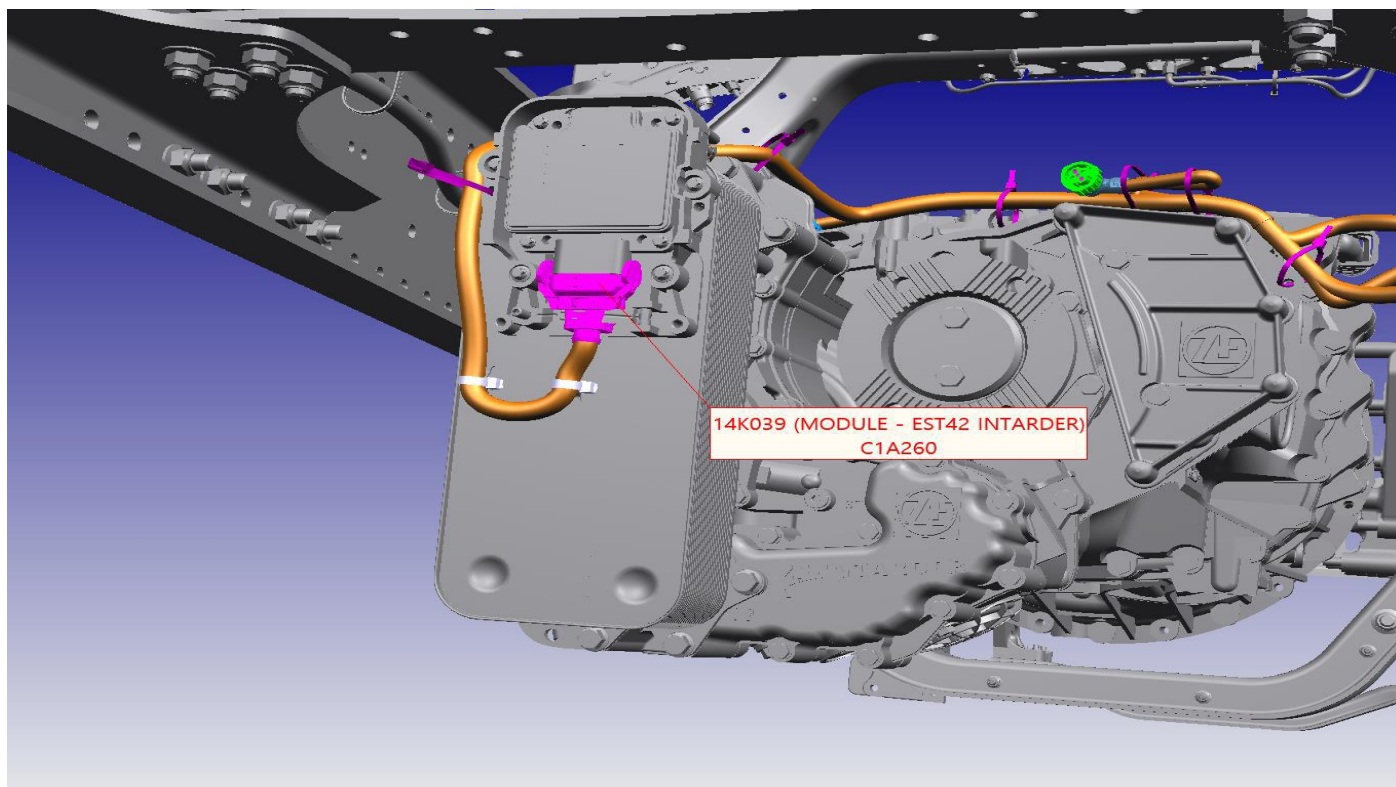
14K039 → On-transmission wiring



TRUCKS

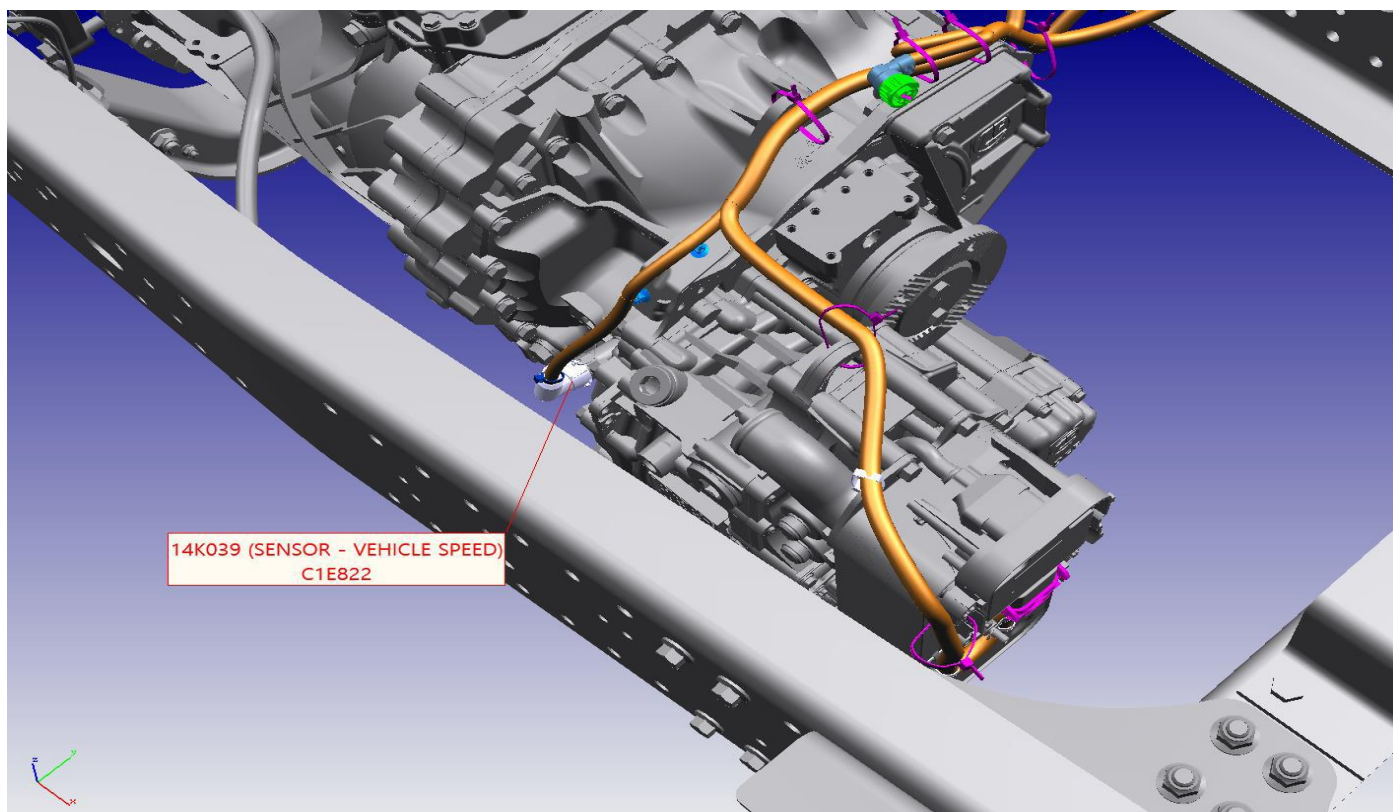


14K039 Wiring :
C1A260 Connector:

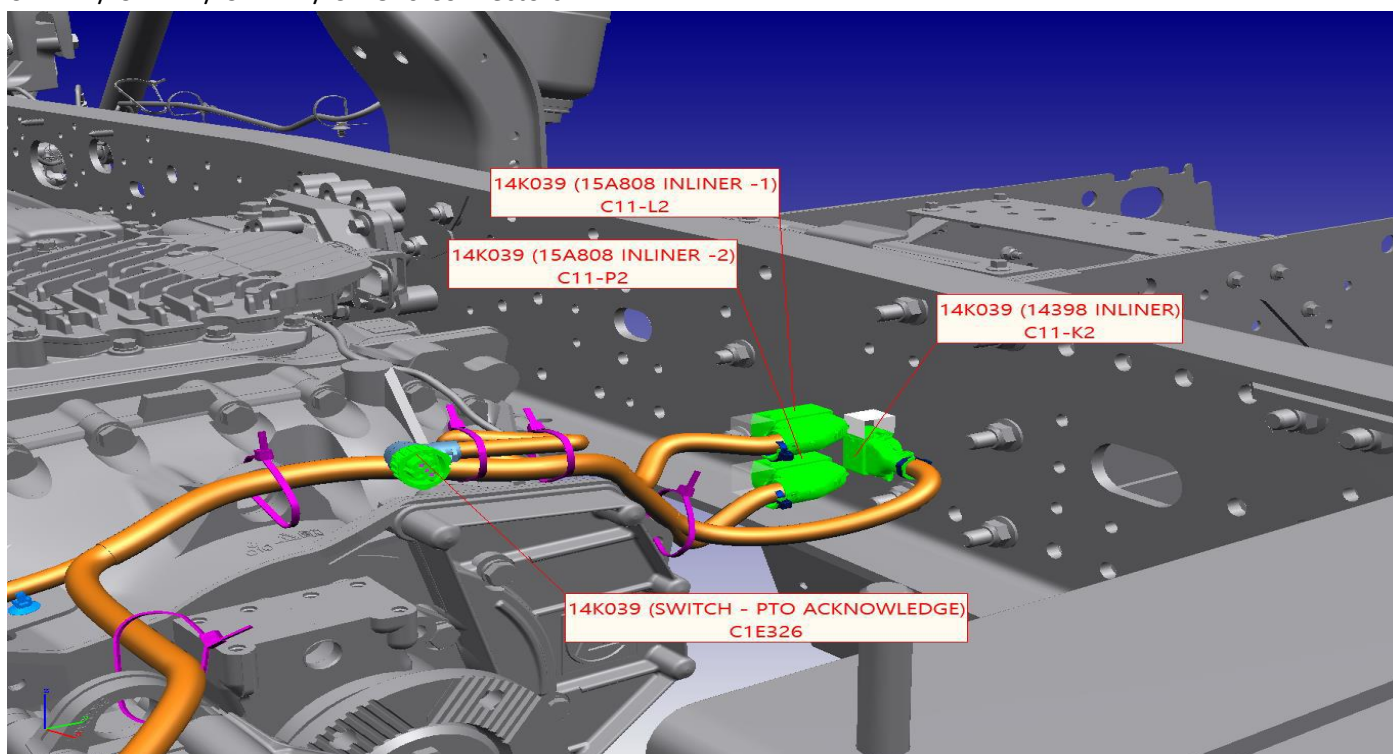


TRUCKS

C1E822 Connector:

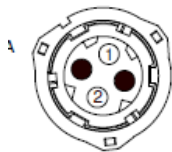


C11-K2 / C11-L2 / C11-P2 / C1E326 Connectors:

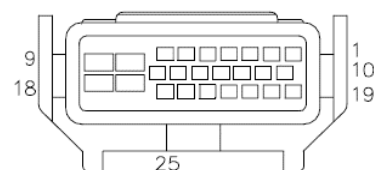


TRUCKS

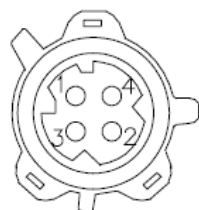
14K039 → On-transmission wiring connector descriptions:



Connector Code	C1E326	
Connector Description	PTO ACKNOWLEDGE	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/PURPLE
2	0.75	BLACK/WHITE

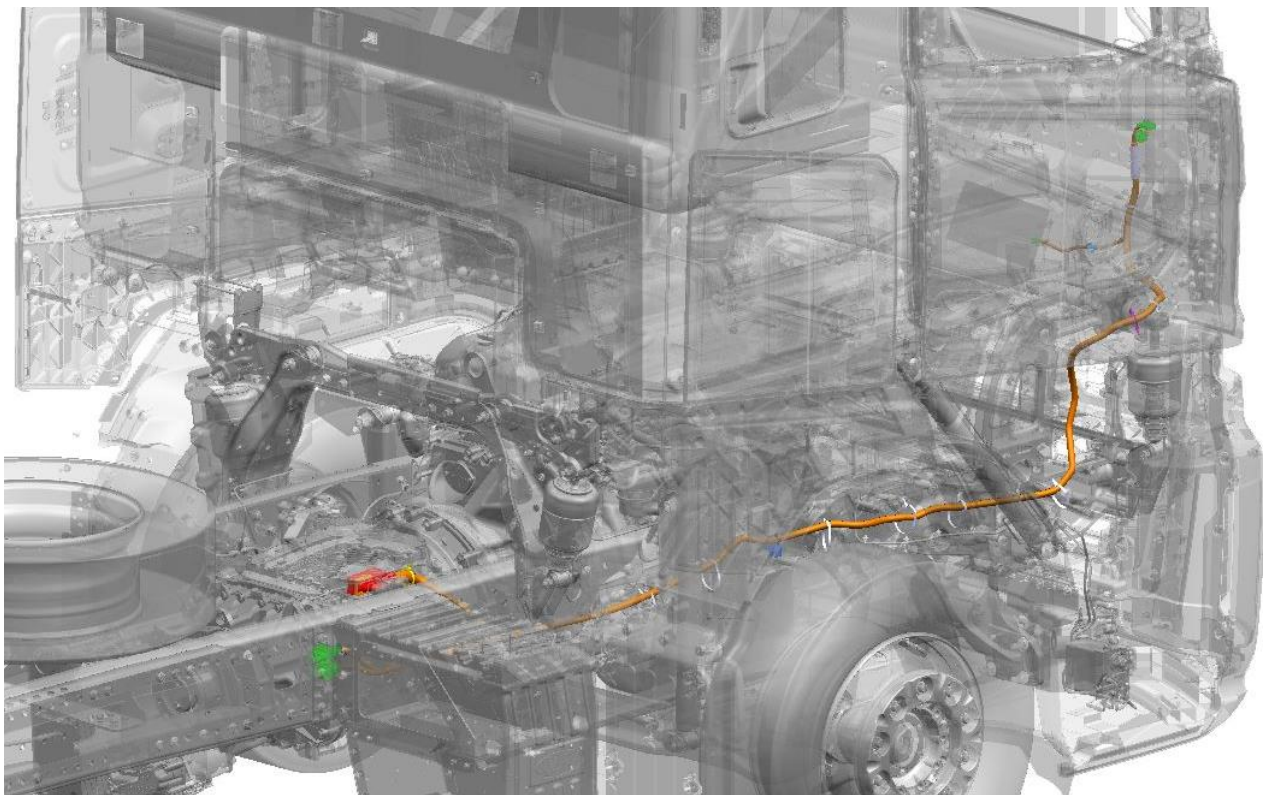
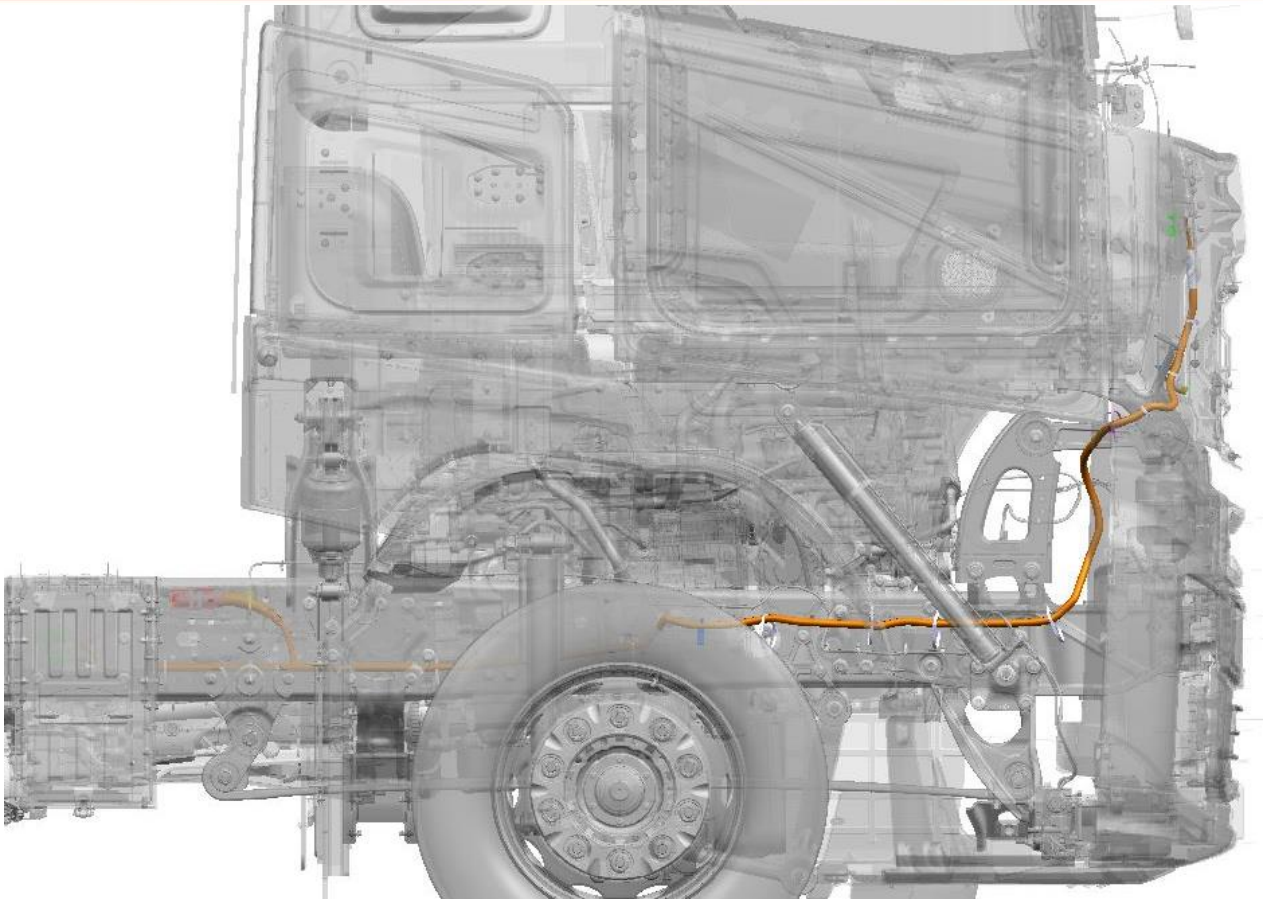


Connector Code	C1A260	
Connector Description	INTARDER MODULE	
Pin Layout	Wire Thickness	Wiring Colour
5	0.75	GREY/BUE
8	2.5	WHITE/RED
9	2.5	WHITE/RED
17	2.5	BLACK/PURPLE
18	2.5	BLACK/PURPLE
23	0.75	GREEN/ORANGE
25	0.75	YELLOW/BLUE



Connector Code	C1E822	
Connector Description	VEHICLE SPEED SENSOR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLUE/GREY
2	0.75	YELLOW/BLUE
3	0.75	BROWN/WHITE
4	0.75	BLUE

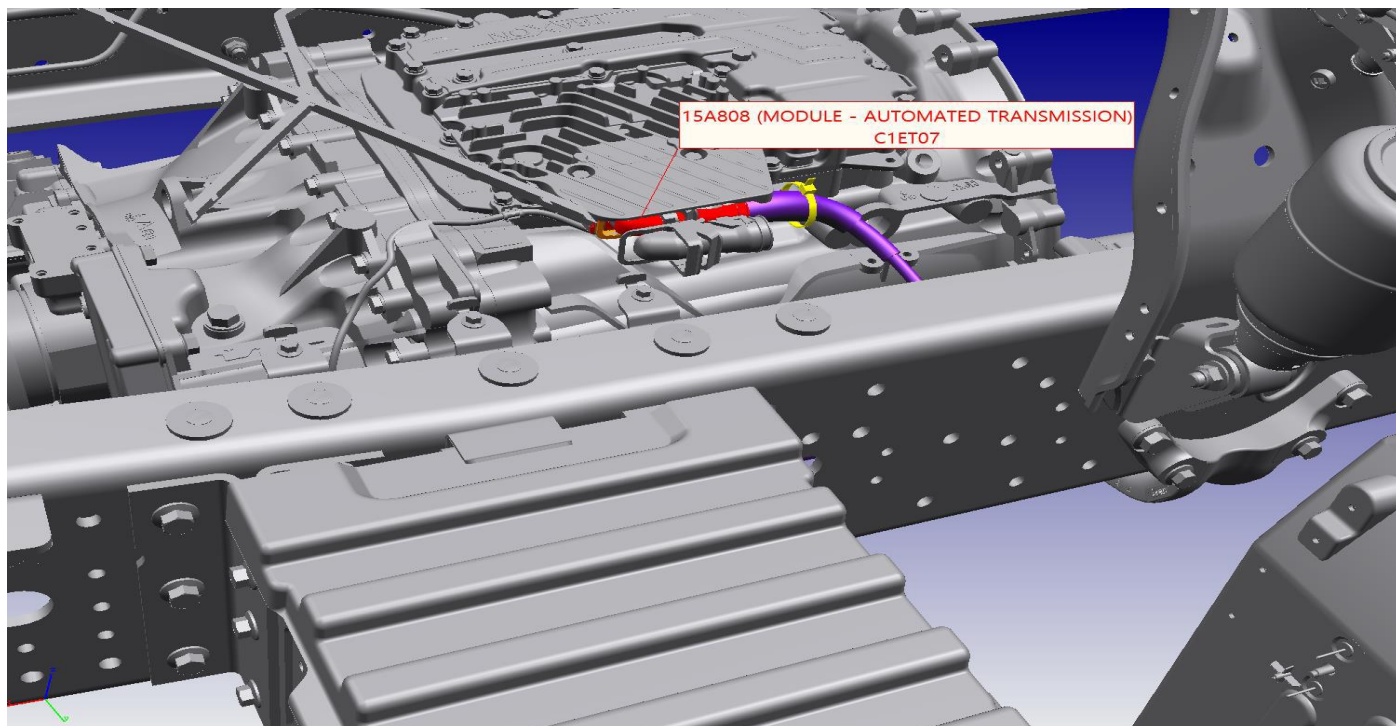
15A808 → Transmission-cab wiring



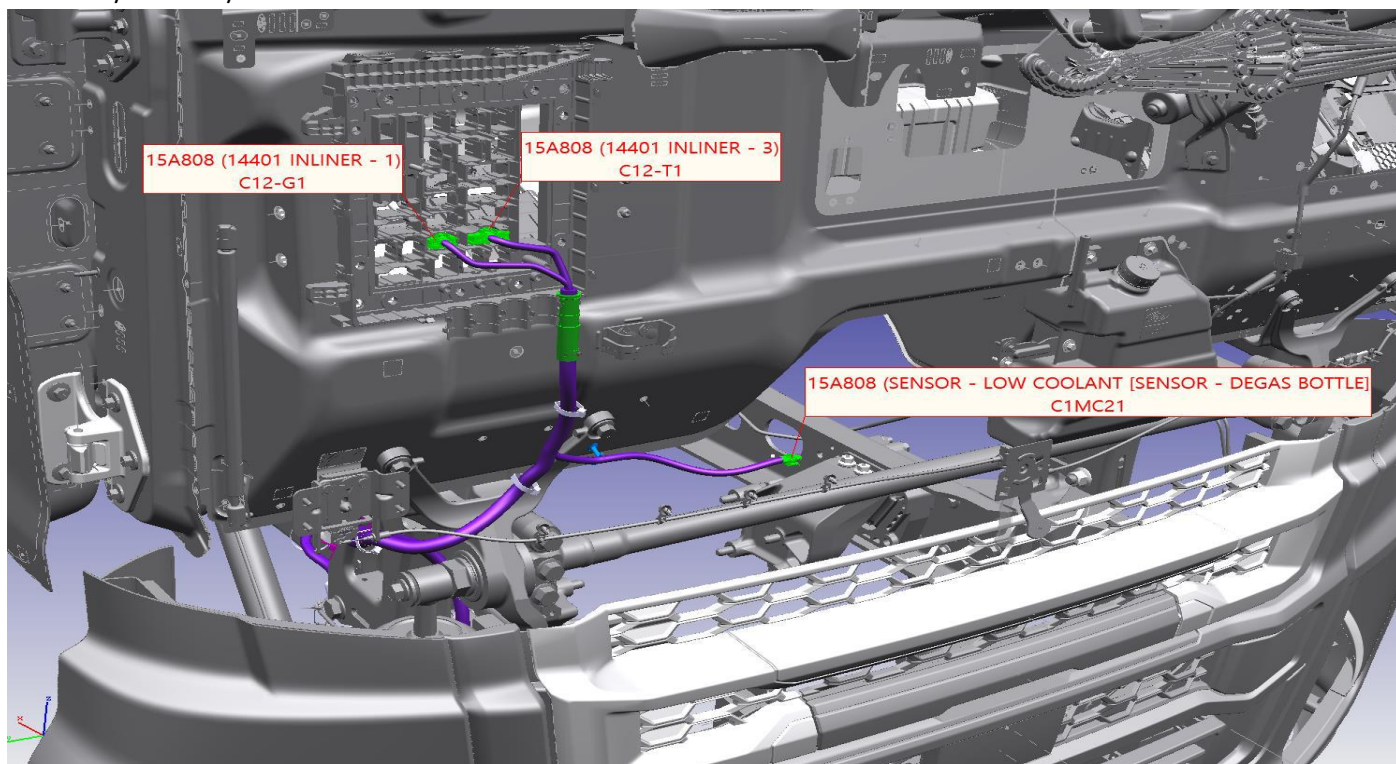
TRUCKS

15A808 Wiring:

C1ET07 Connector:

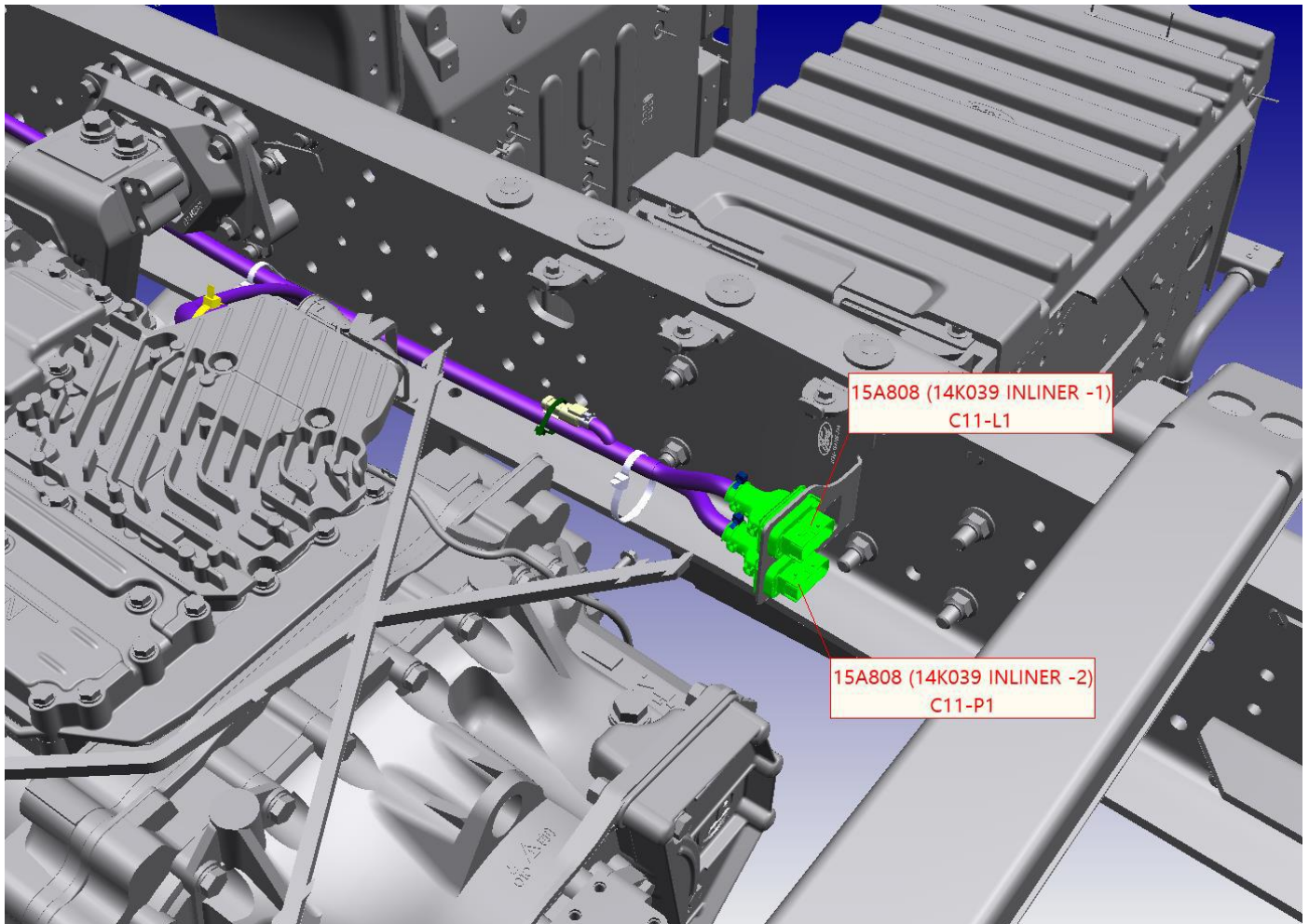


C1MC21 / C12-G1 / C12-T1 Connectors:



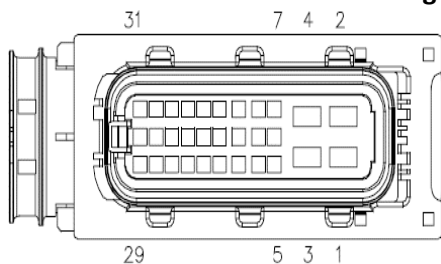
TRUCKS

C11-P1 / C11-L1 Connectors:

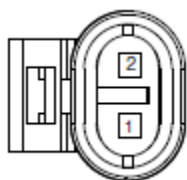


TRUCKS

15A808 → Transmission-cab wiring connector descriptions:



Connector Code	C1ET07	
Connector Description	UNIT-TRANSMISSION CONTROL-TCU	
Pin Layout	Wire Thickness	Wiring Colour
1	2.5	BLACK/PURPLE
2	2.5	BROWN/RED
3	2.5	BLACK/PURPLE
4	2.5	RED
9	2.5	PURPLE/BROWN
17	0.75	PURPLE/GREEN
19	0.75	GREY/PURPLE
29	0.75	GREEN/ORANGE
31	0.75	GREY/BLUE

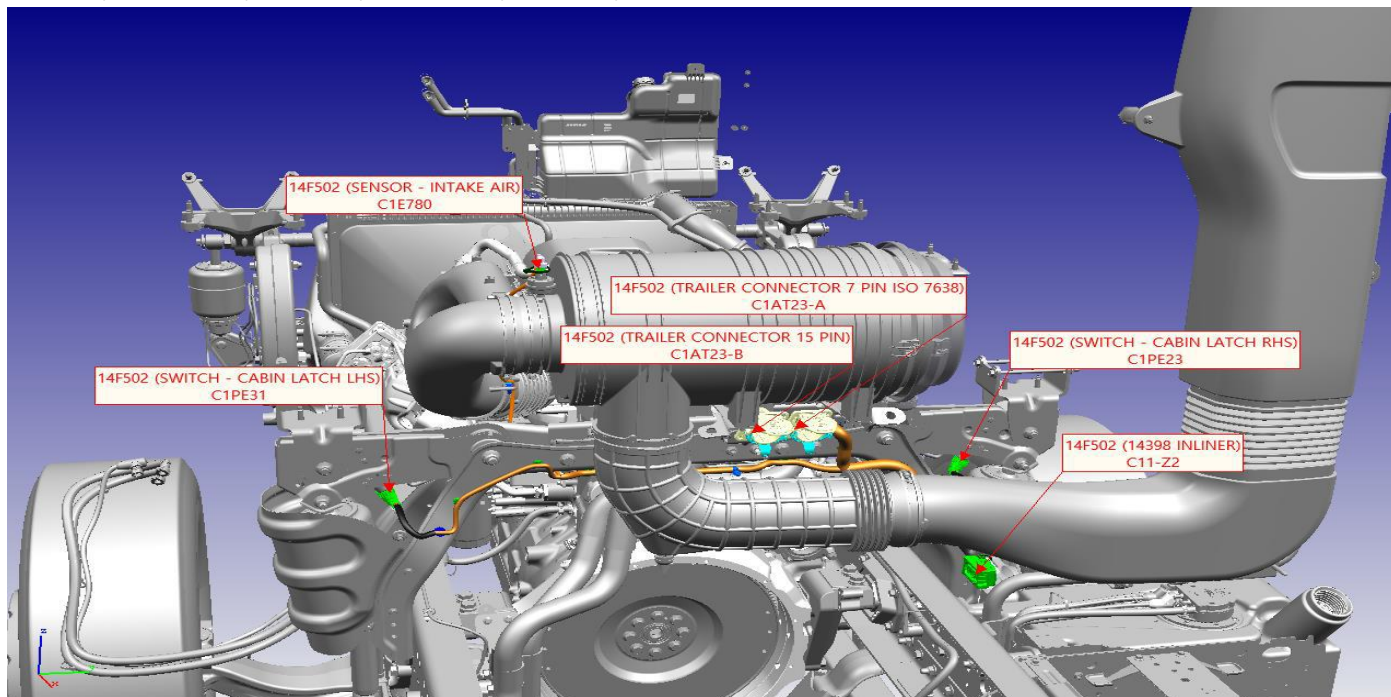


Connector Code	C1MC21	
Connector Description	LOW COOLANT SENSOR	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK/WHITE
2	0.75	PURPLE/WHITE

TRUCKS

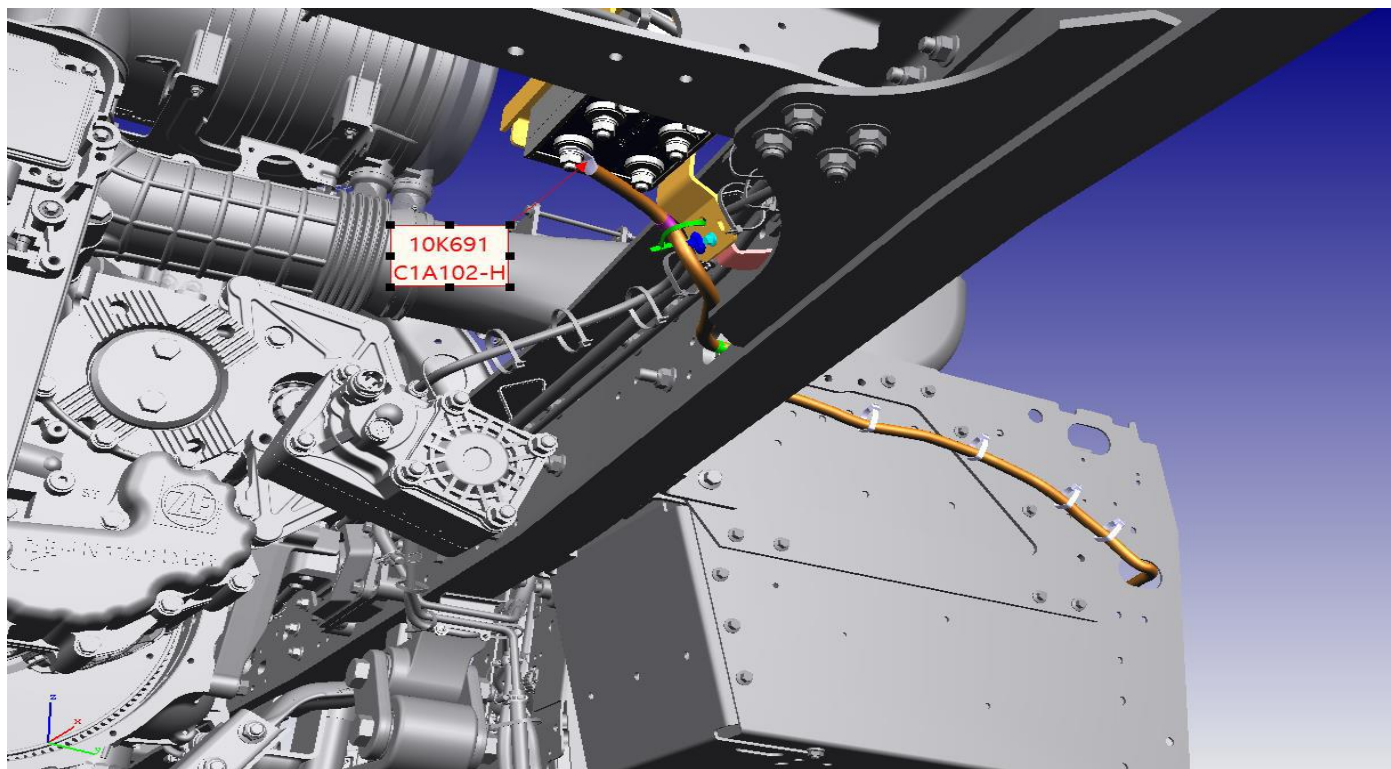
14F502 Wiring :

C1E780 / C1AT23-A / C1PE31 / C1AT23-B / C1PE23 / C11-Z2 Connectors :



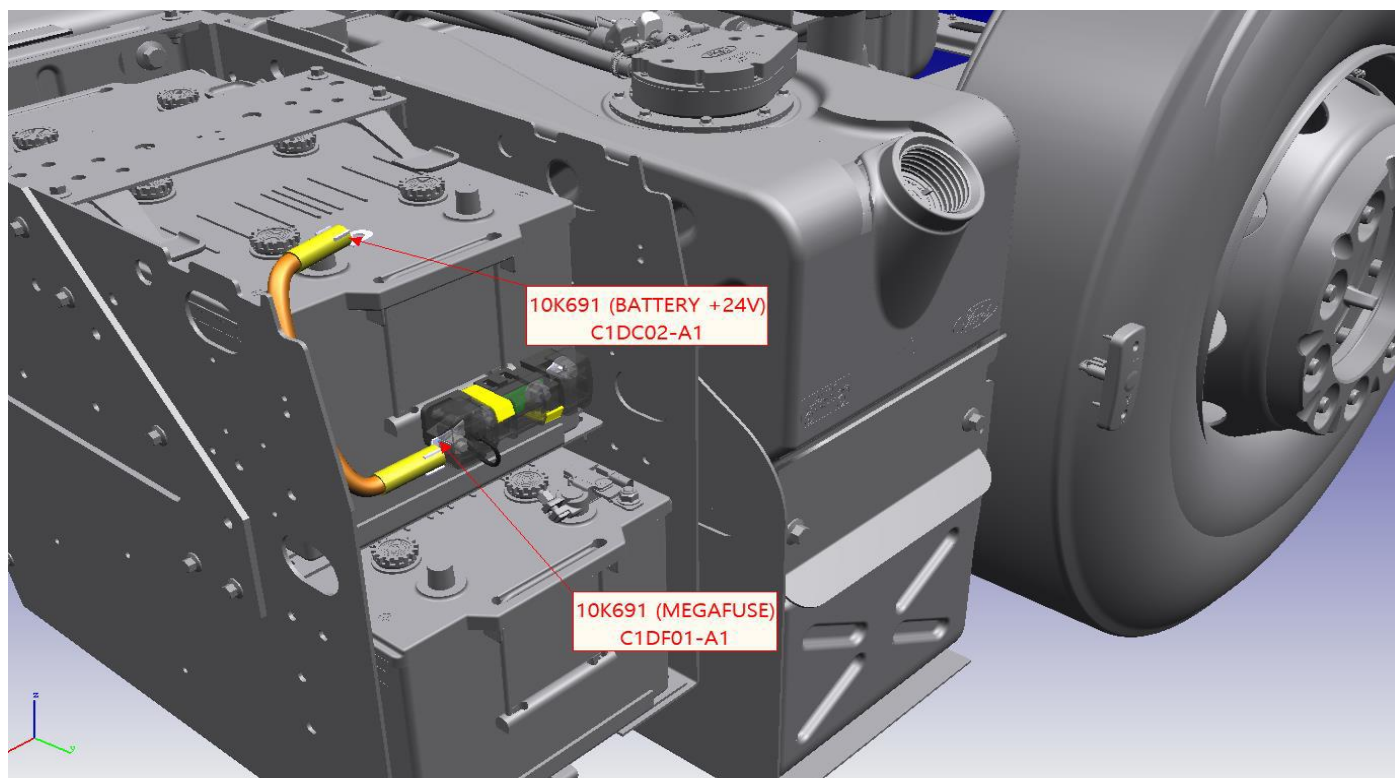
10K691 Wiring :

C1A102-H Connector :

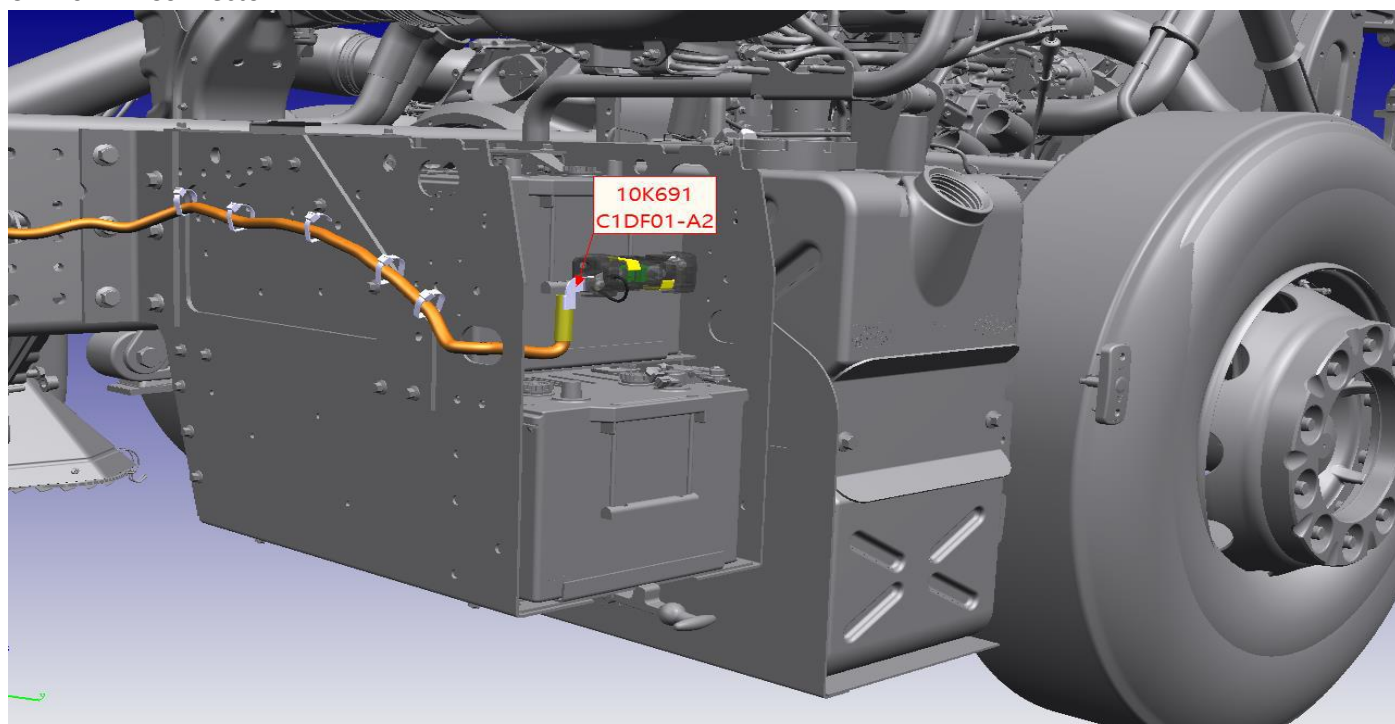


TRUCKS

C1DC02-A1 / C1DF01-A1 Connectors :



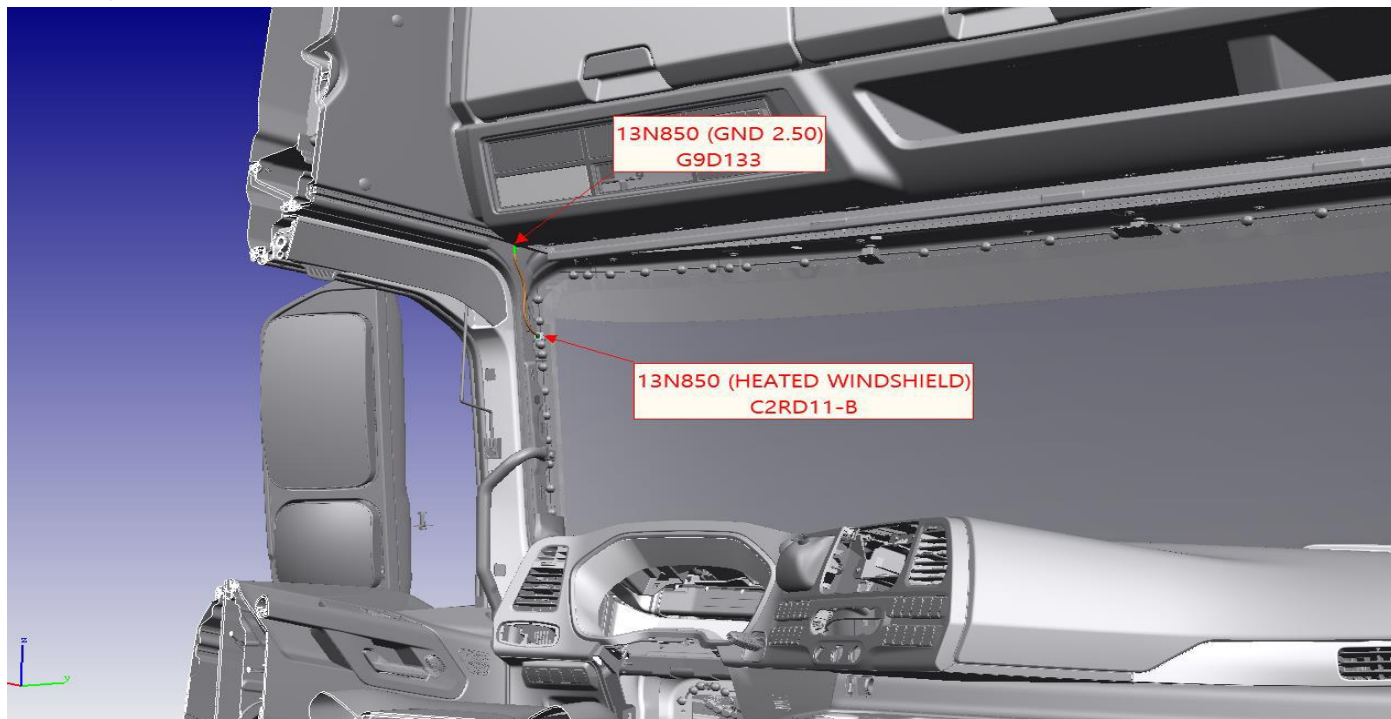
C1DF01-A2 Connector :



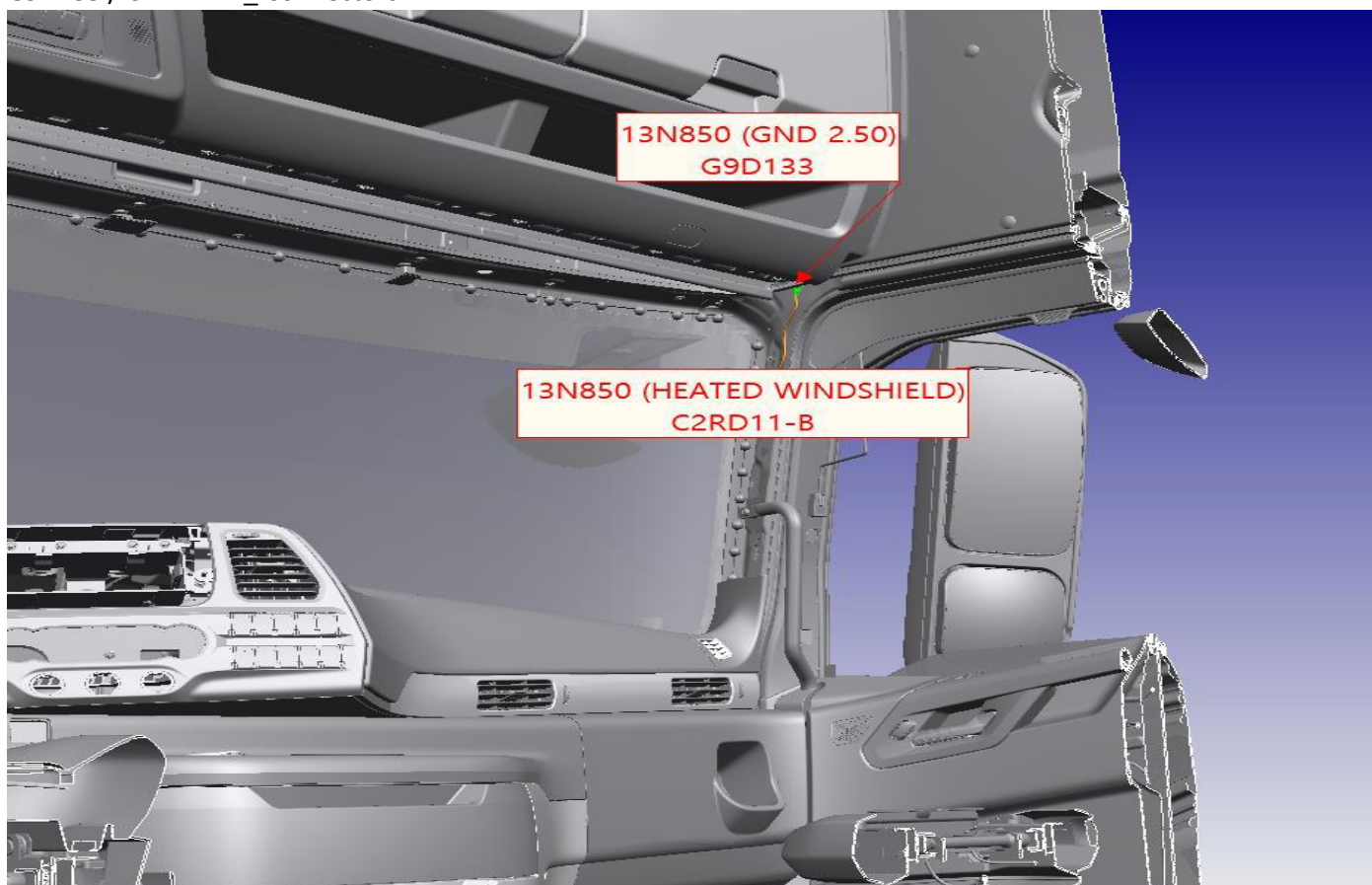
TRUCKS

13N850 Wiring :

G9D133 / C2RD11-B Connectors :



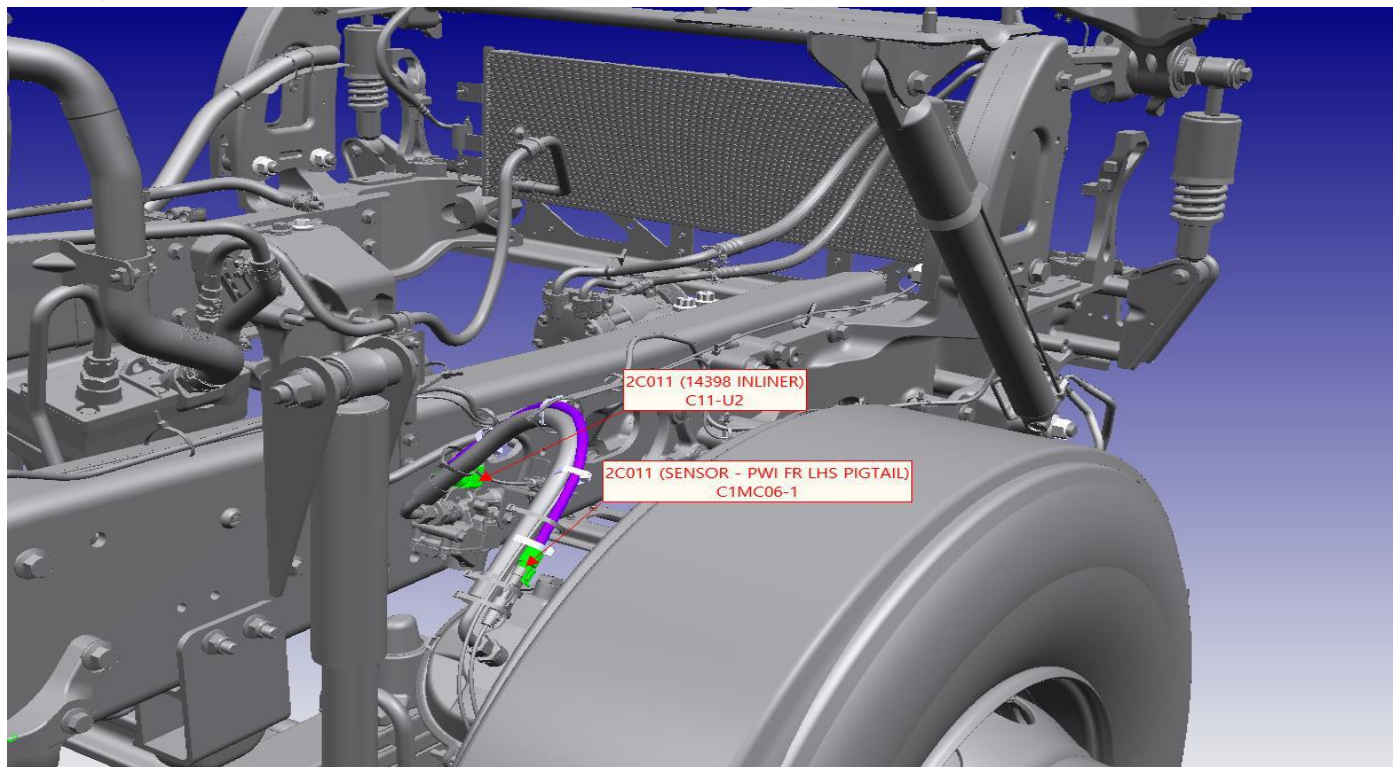
G9D133 / C2RD11-B_ Connectors:



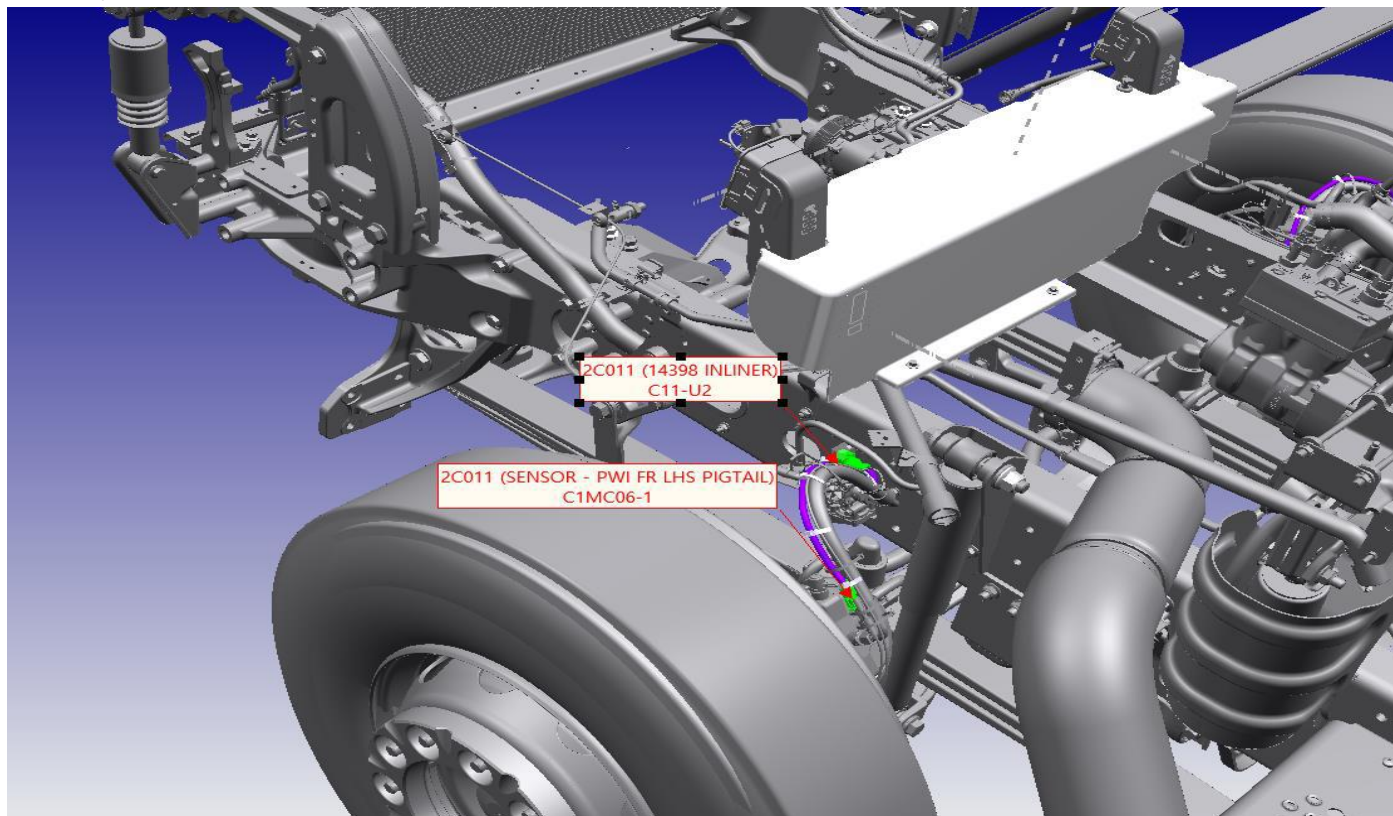
TRUCKS

2C011 Wiring:

C11-U2 / C1MC06-1 Connectors:

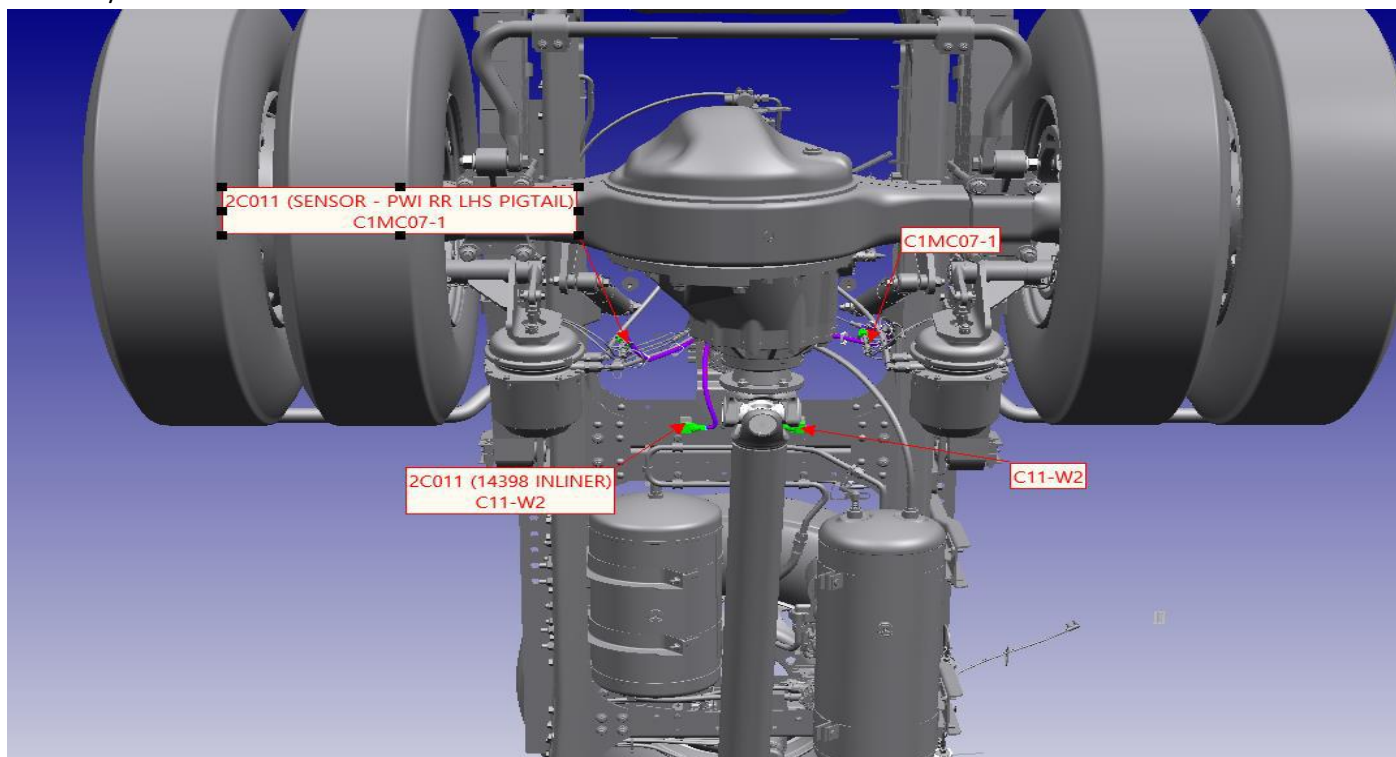


C11-U2 / C1MC06-1 Connectors:



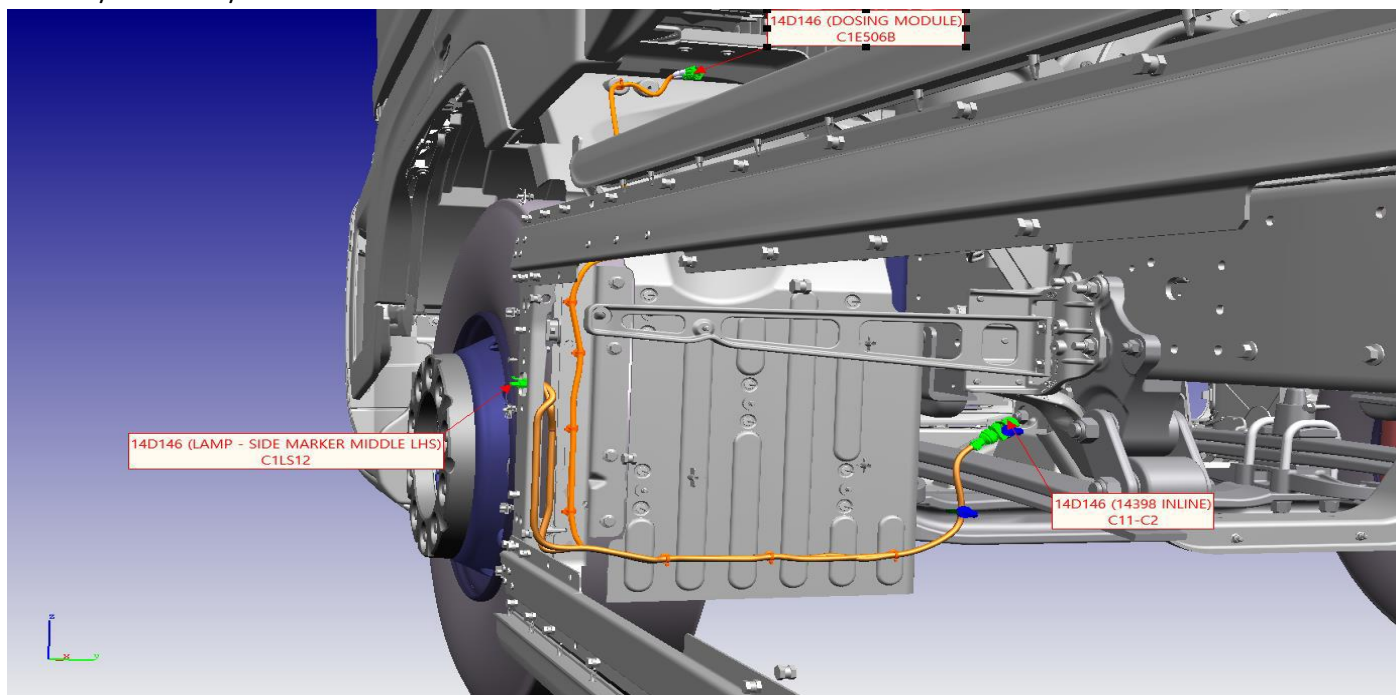
TRUCKS

C11-W2 / C1MC07-1 Connectors:



14D146 Wiring :

C1LS12 / C1E506B / C11-C2 Connectors:

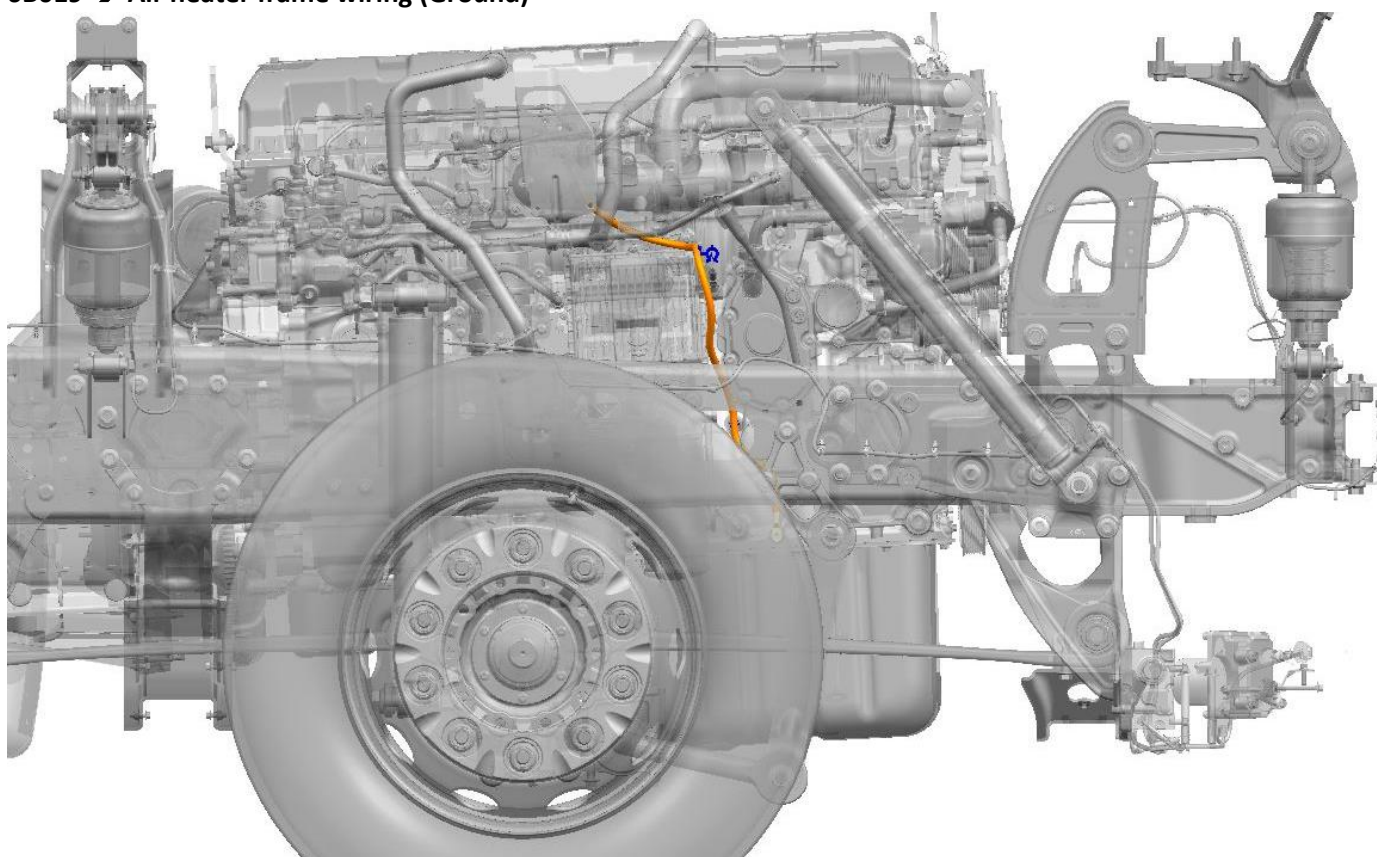


TRUCKS

3.4. Chassis (Ground) Wiring

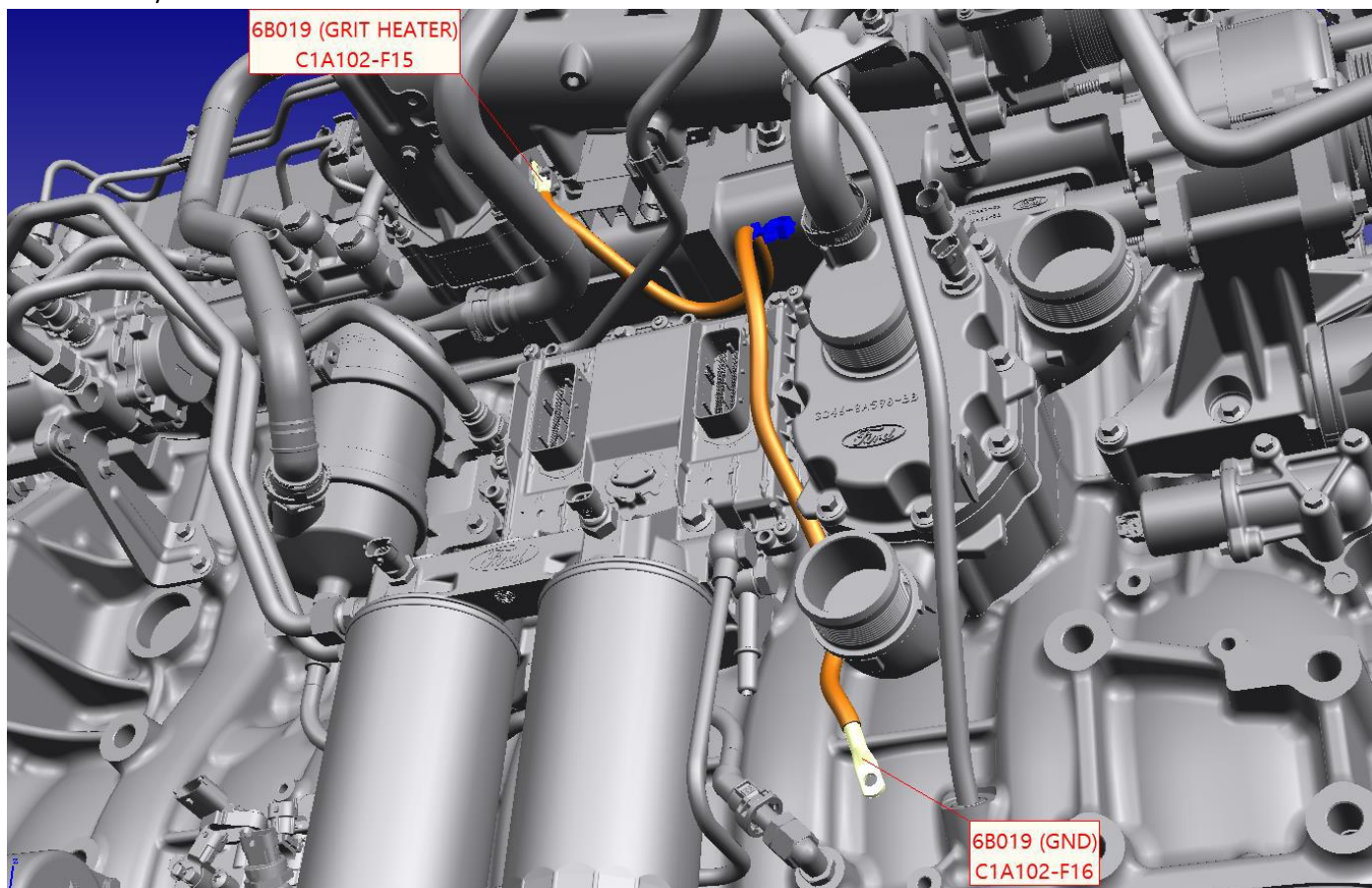
Item No.	Name of the wiring	Middle No.
1	Air heater ground wiring	6B019
2	Relay - air heater ground wiring	6B018
3	Switch-battery-ground wiring	14301
4	Switch-ground wiring	10K701
5	Driver side cab internal ground wiring	14F416
6	Passenger side Engine ground wiring	14303

6B019 → Air heater frame wiring (Ground)

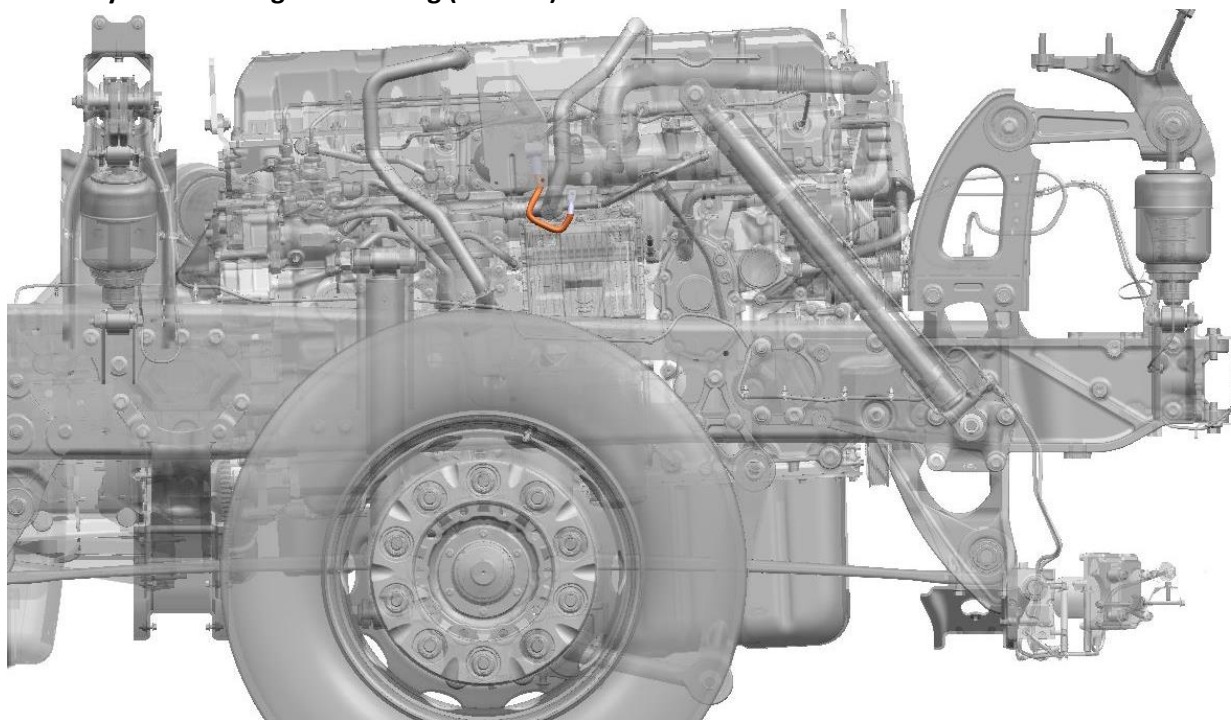


TRUCKS

C1A102-F15 / C1A102-F16 Connectors:

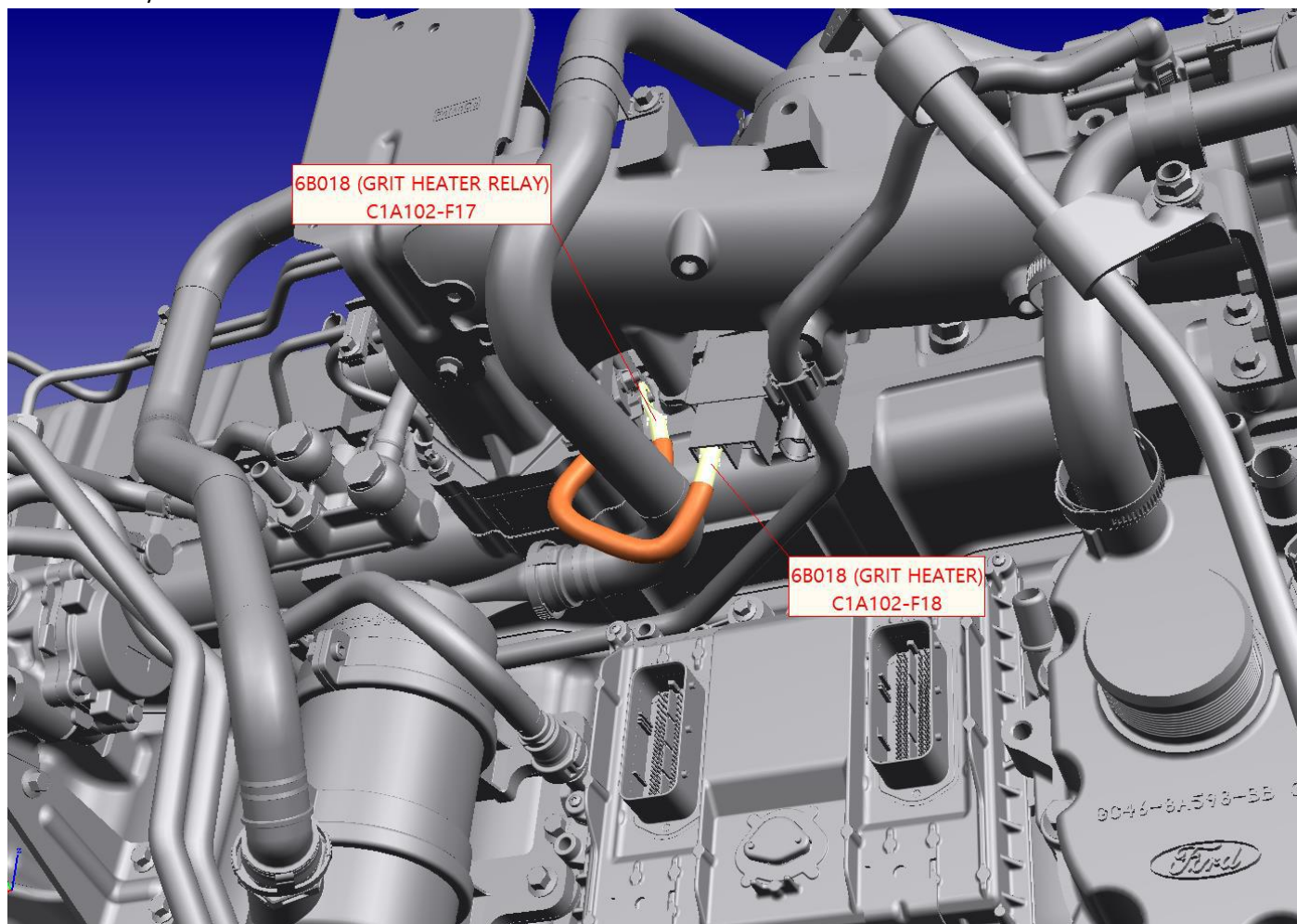


6B018 → Relay - Air heater ground wiring (Ground)



TRUCKS

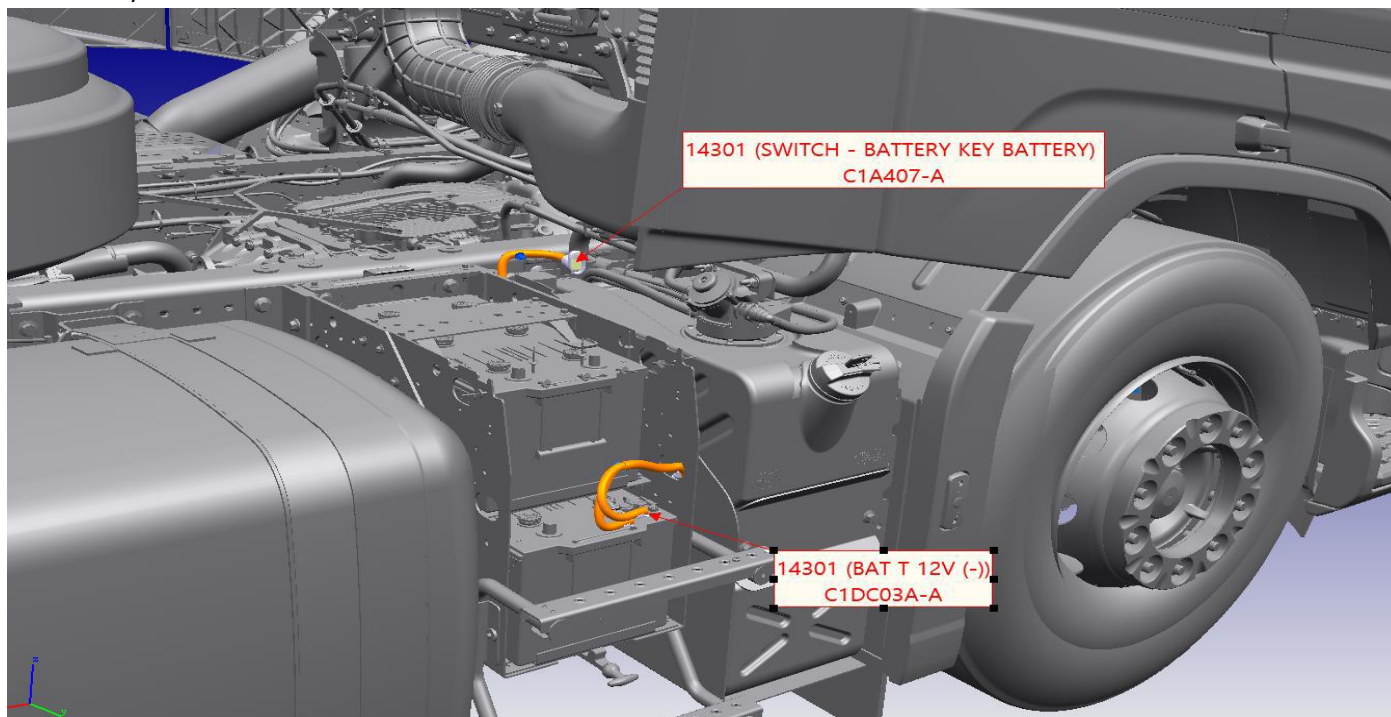
C1A102-F17 / C1A102-F18 Connectors:



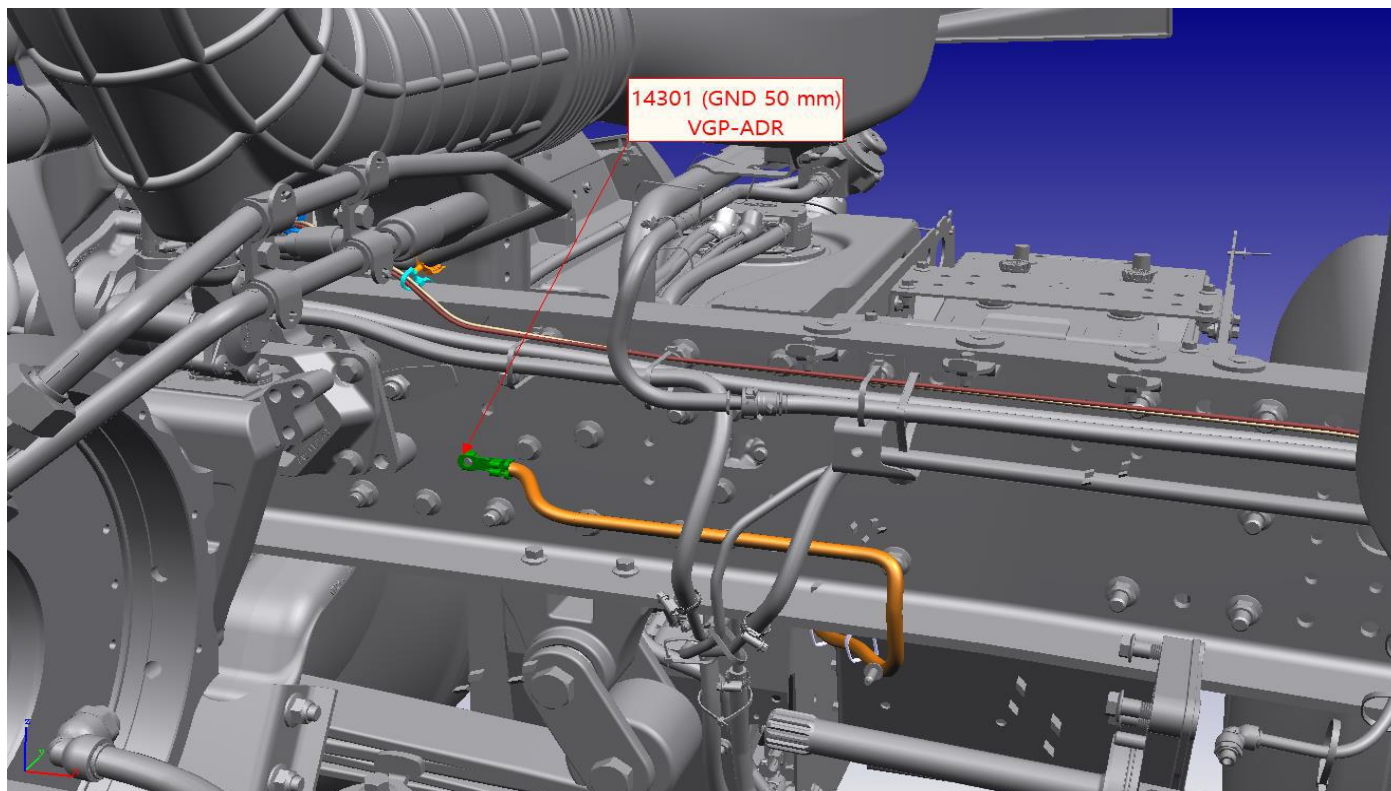
TRUCKS

14301 → Switch-battery-frame wiring (Ground)

C1A407-A / C1DC03A-A Connectors:

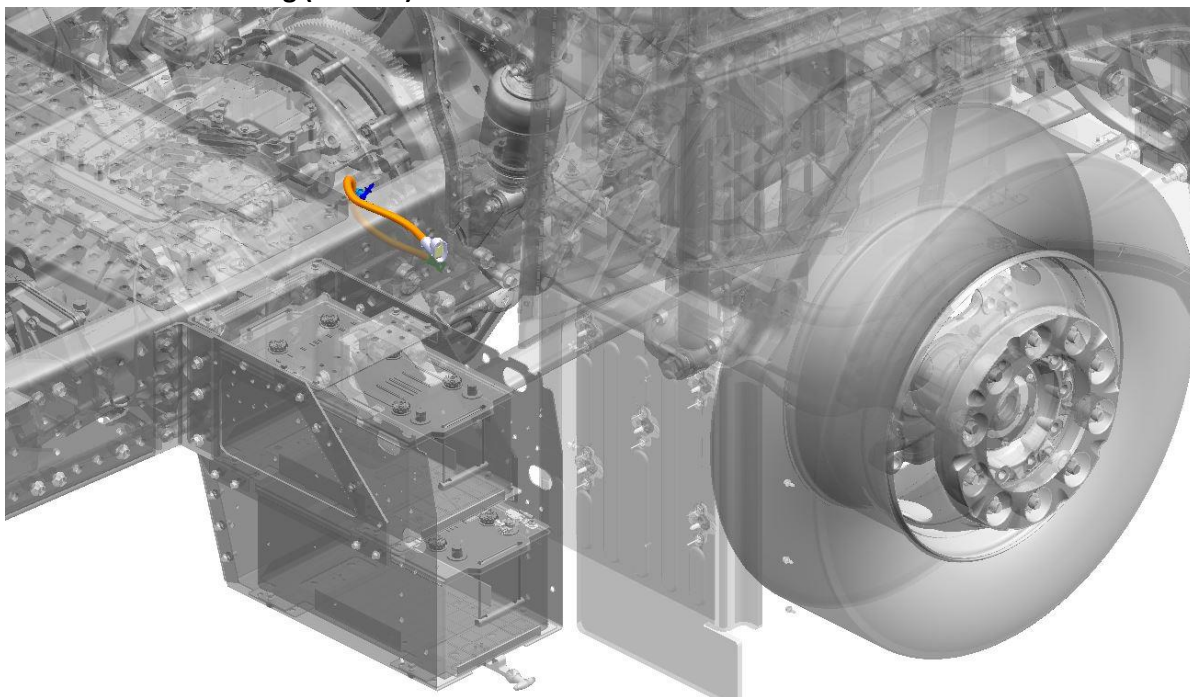


VGP-ADR Connector:

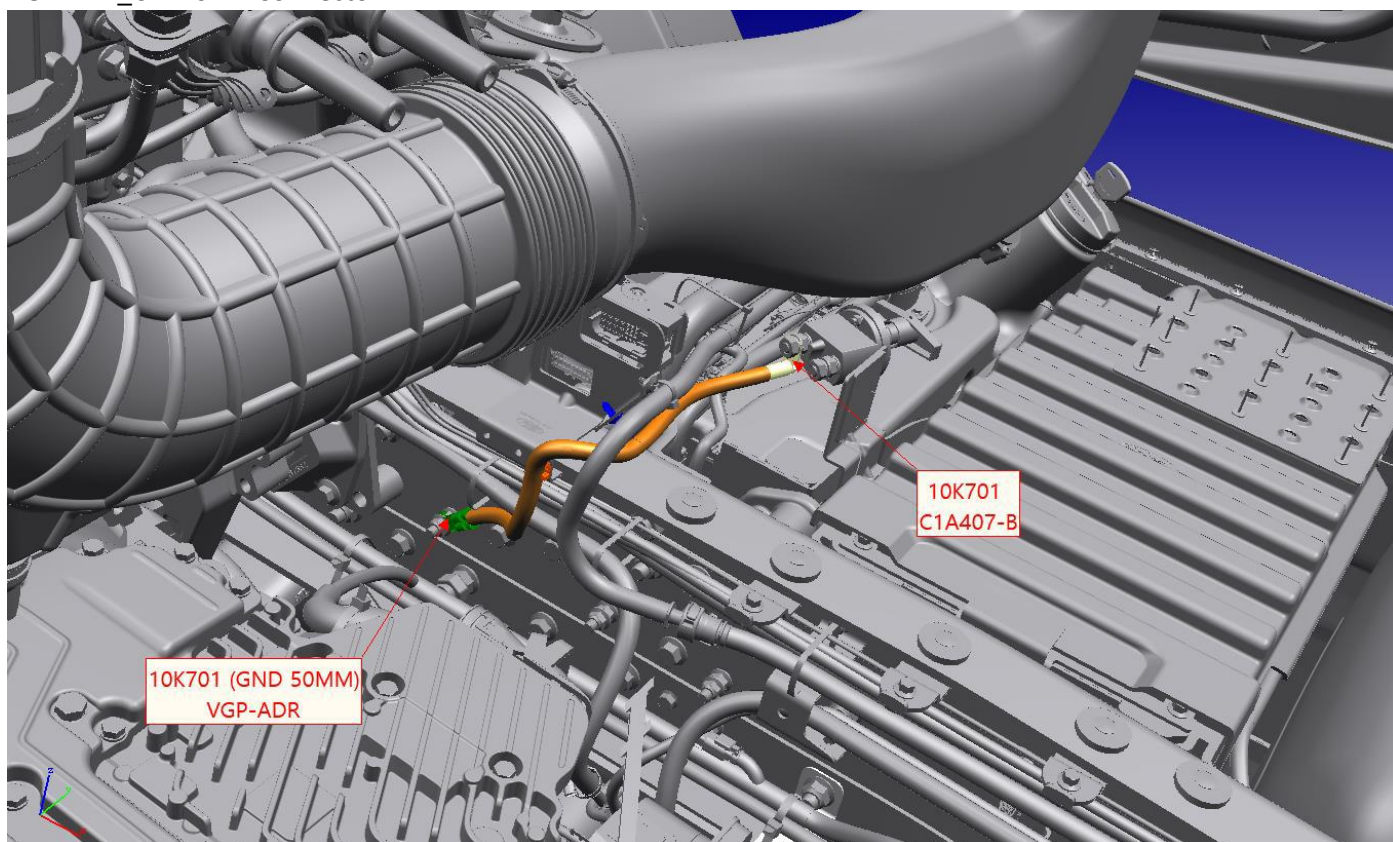


TRUCKS

10K701 → Switch-chassis wiring (Ground)



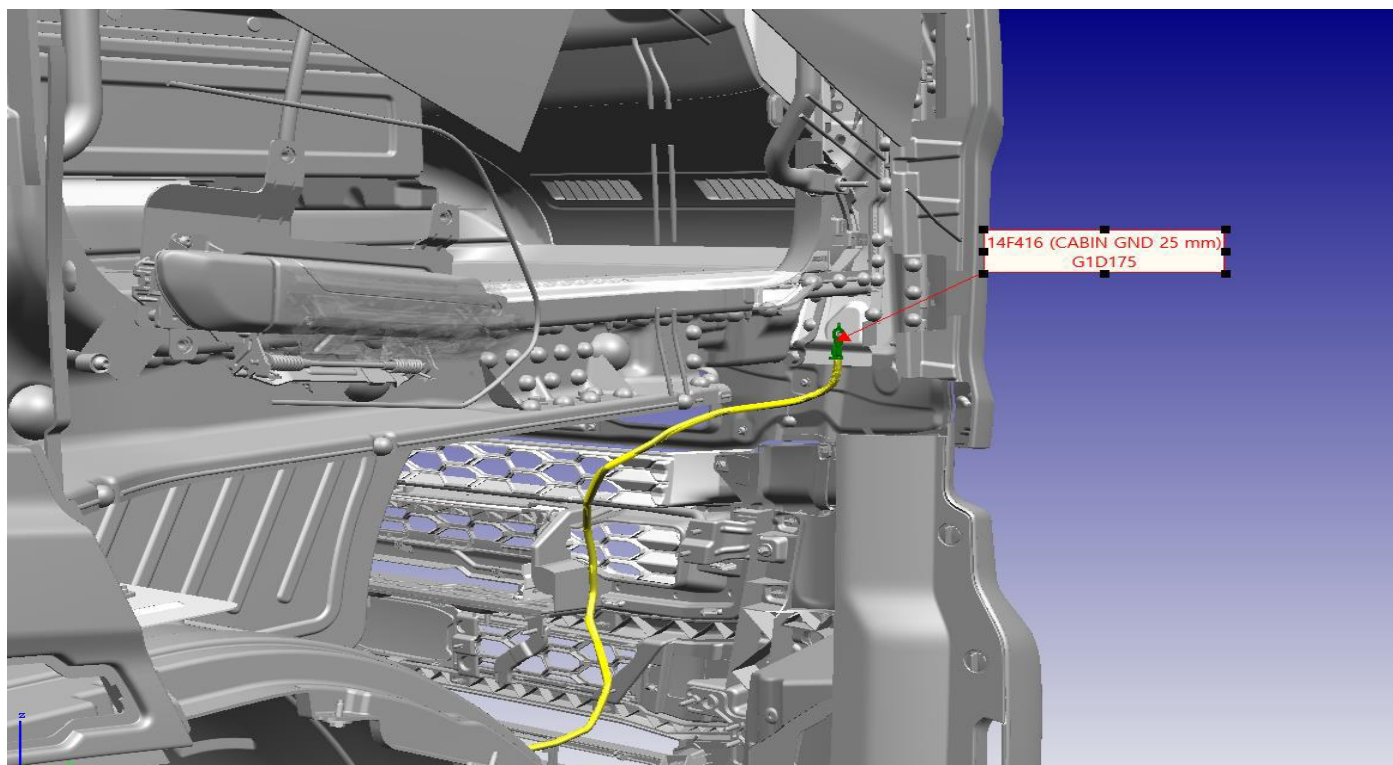
VGP-ADR_C1A407-B Connector :



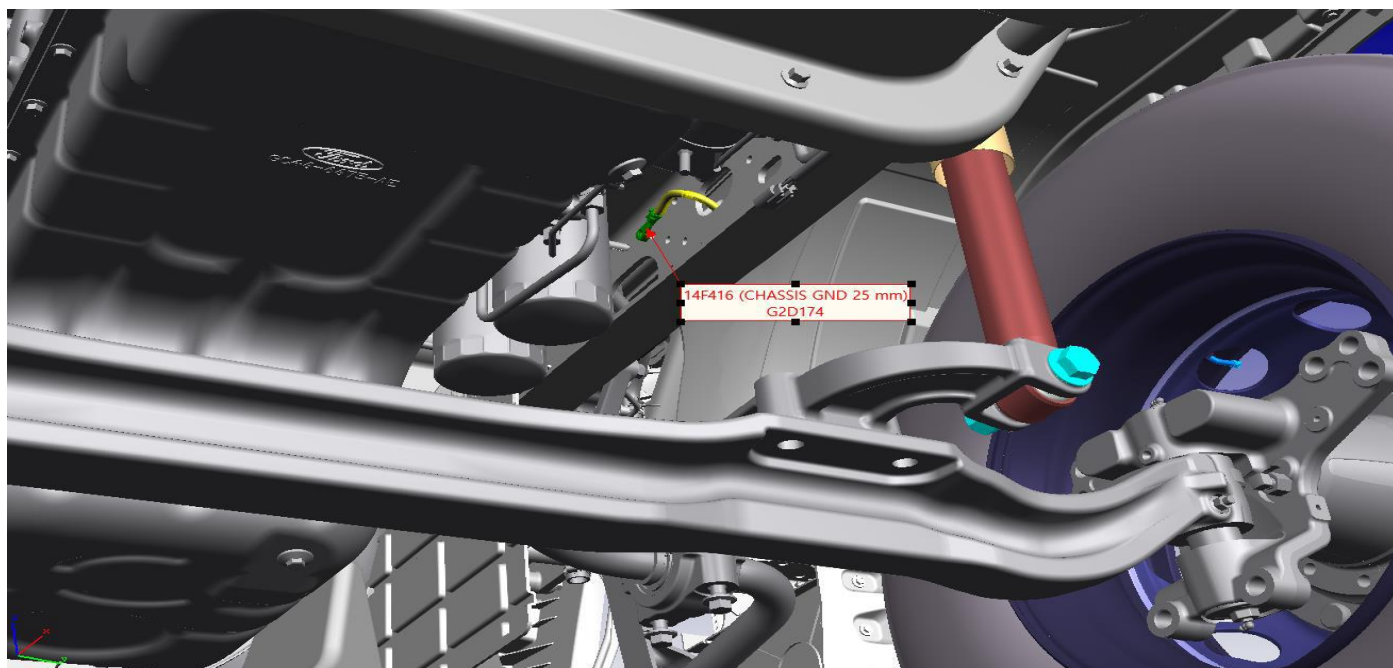
TRUCKS

14F416 → Driver side cab internal ground wiring

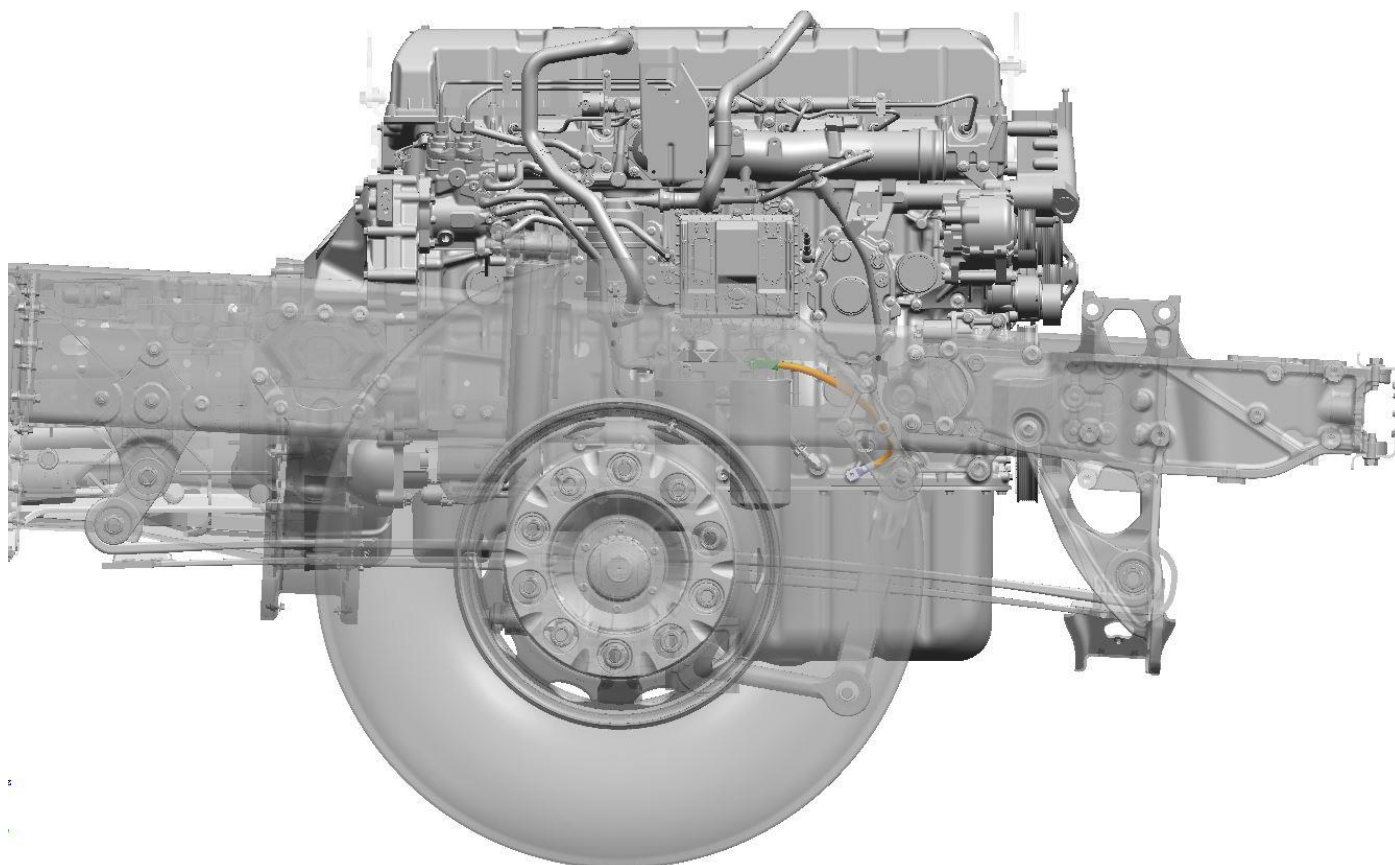
G1D175 Connector :



G2D174 Connector :

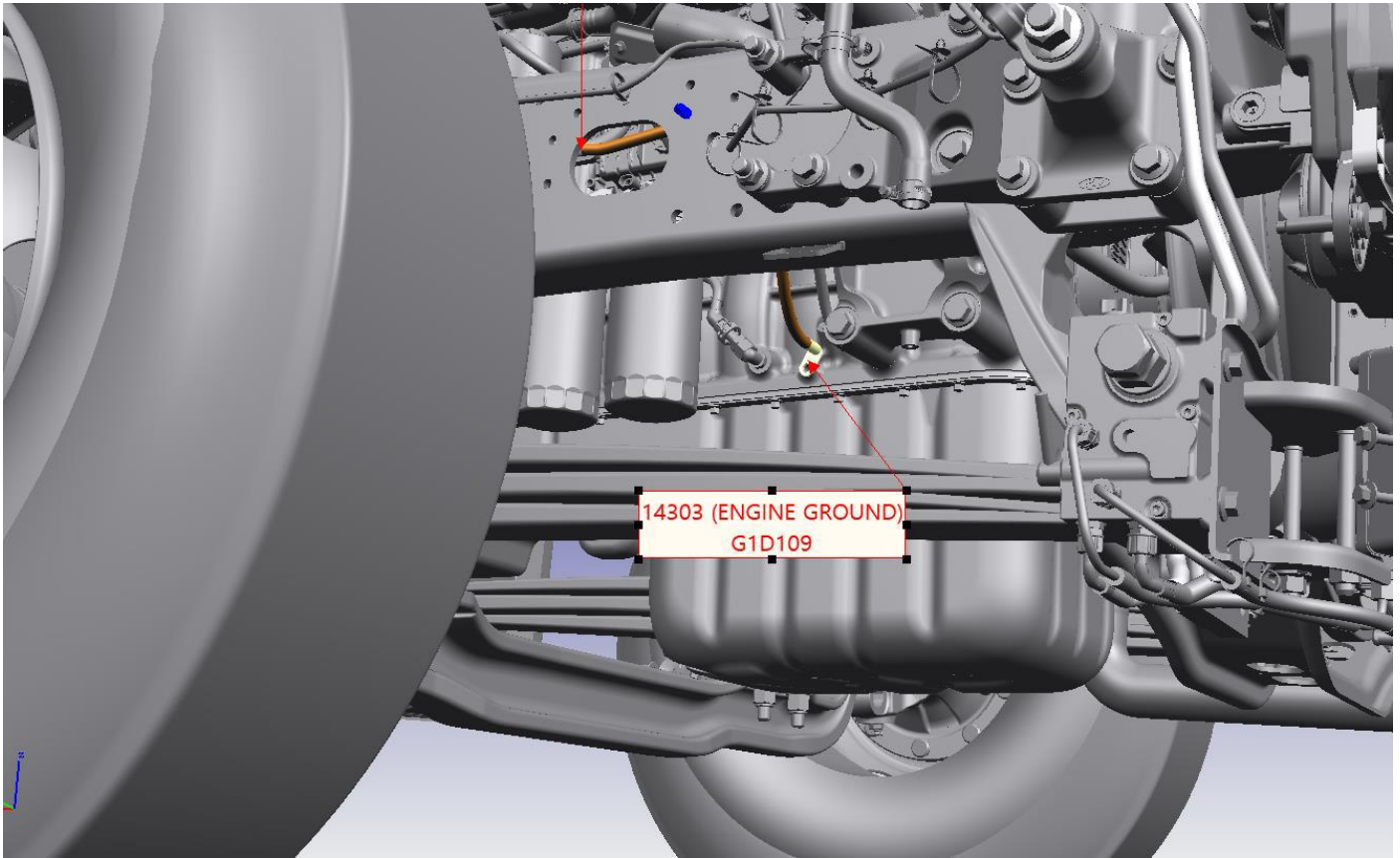


14303 → Passenger side Engine chassis wiring (Ground)

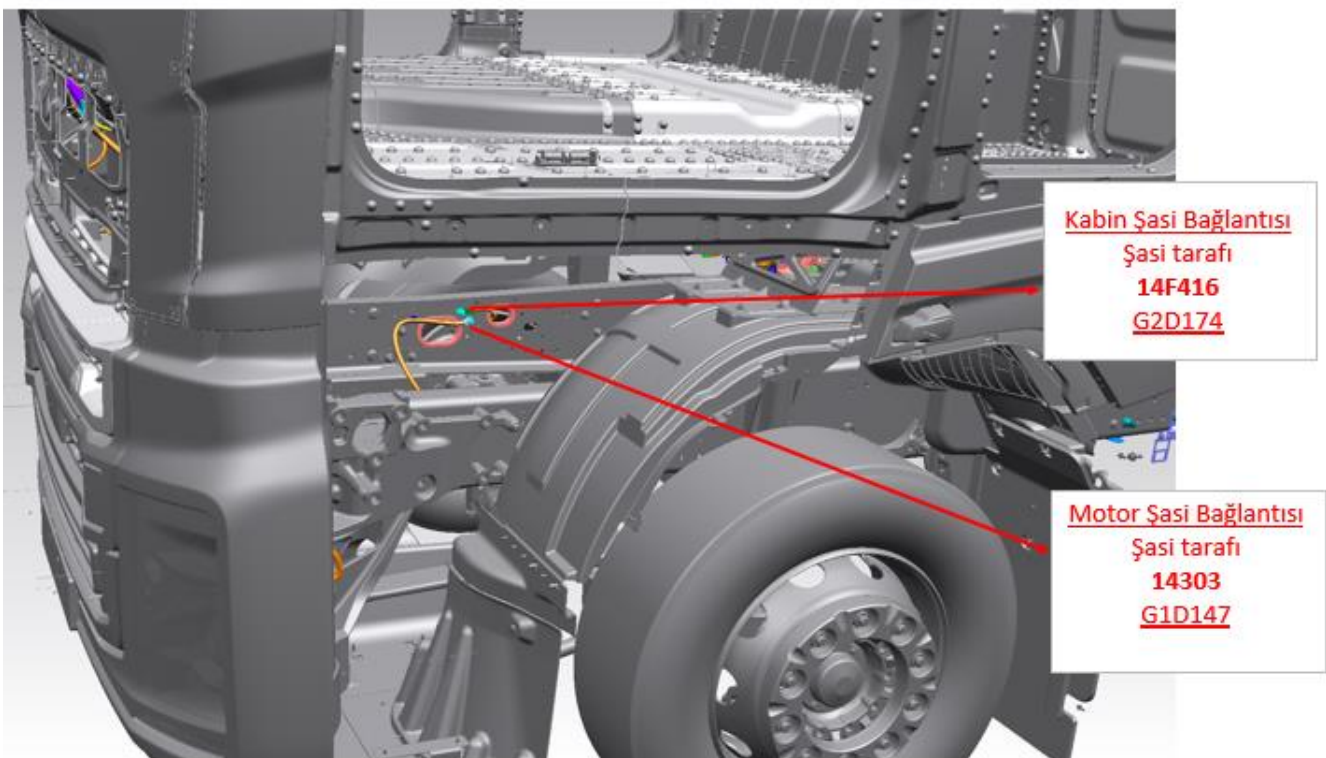


TRUCKS

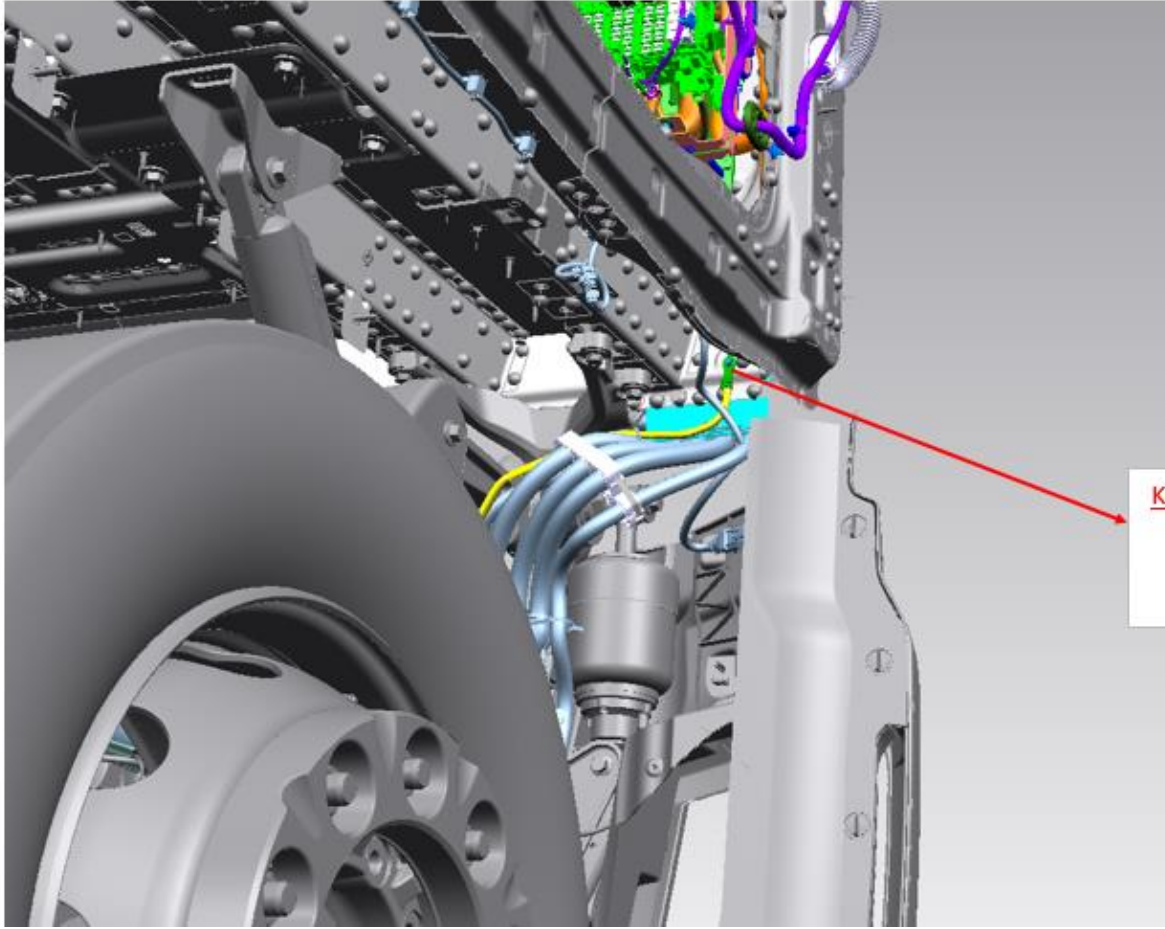
G1D109 / G1D147 Connectors:



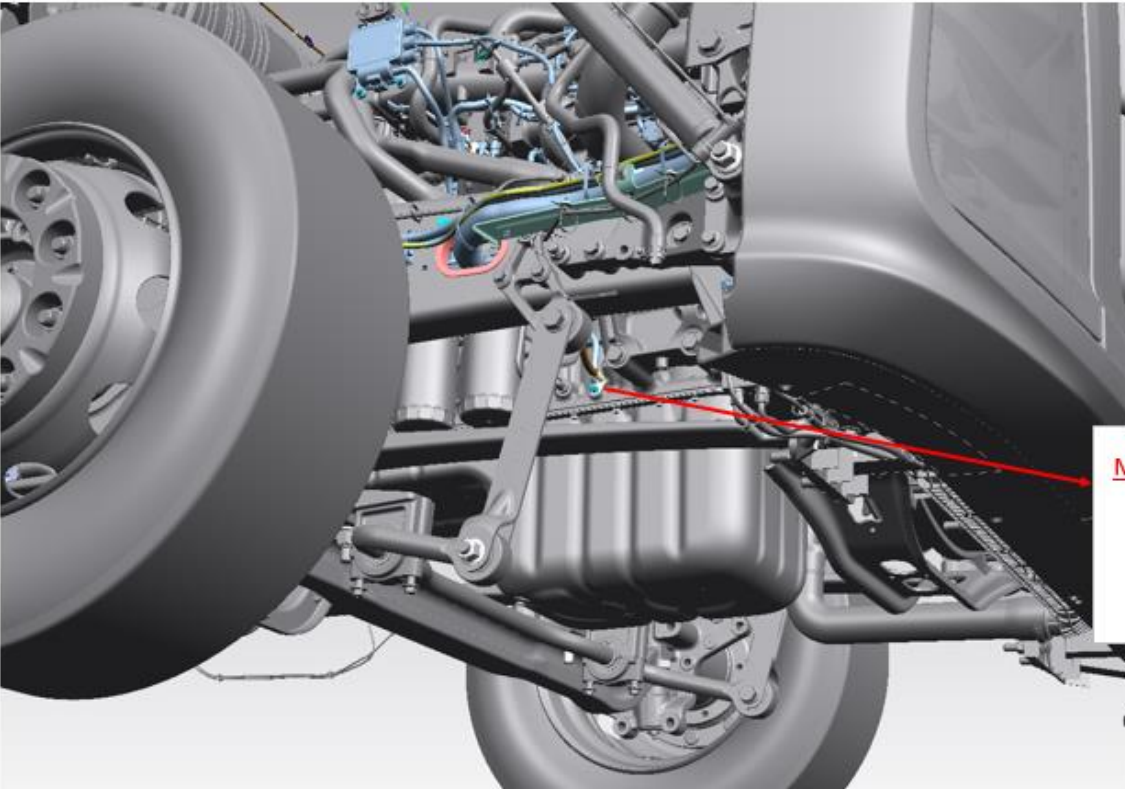
3.4.1 Chassis (Ground) Connections



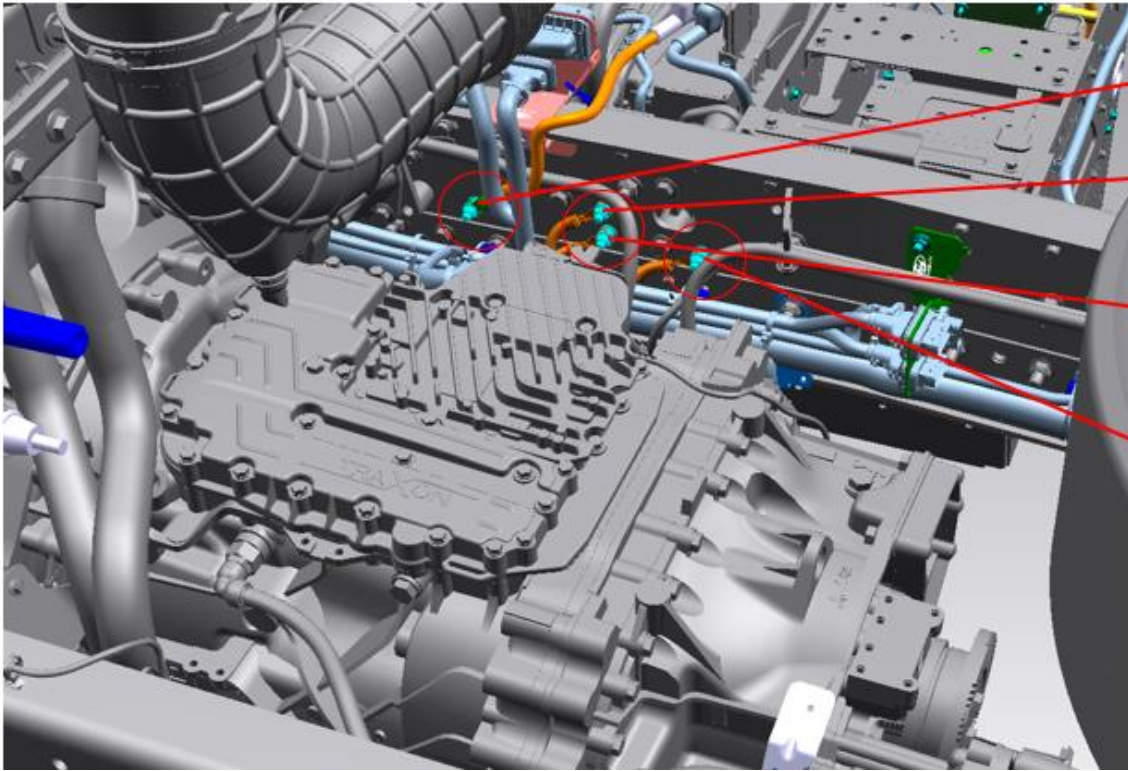
TRUCKS



Kabin şasi bağlantısı
Kabin tarafı
14F416
G1D175



Motor şasi bağlantısı
Motor tarafı
14303/6B019
G1D109
C1A102-F16

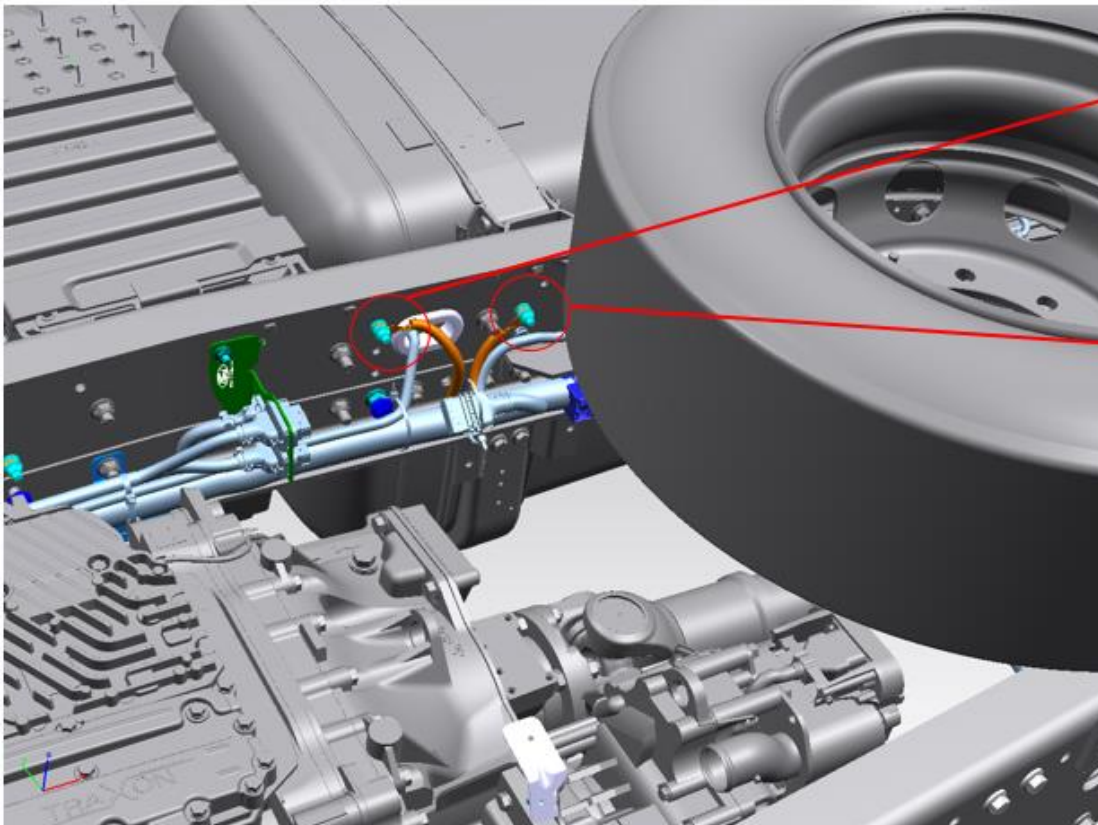


Akü şalter bağlantısı
10K701
VGP-İADR

Tesisat şasi bağlantısı
14398
G1D411

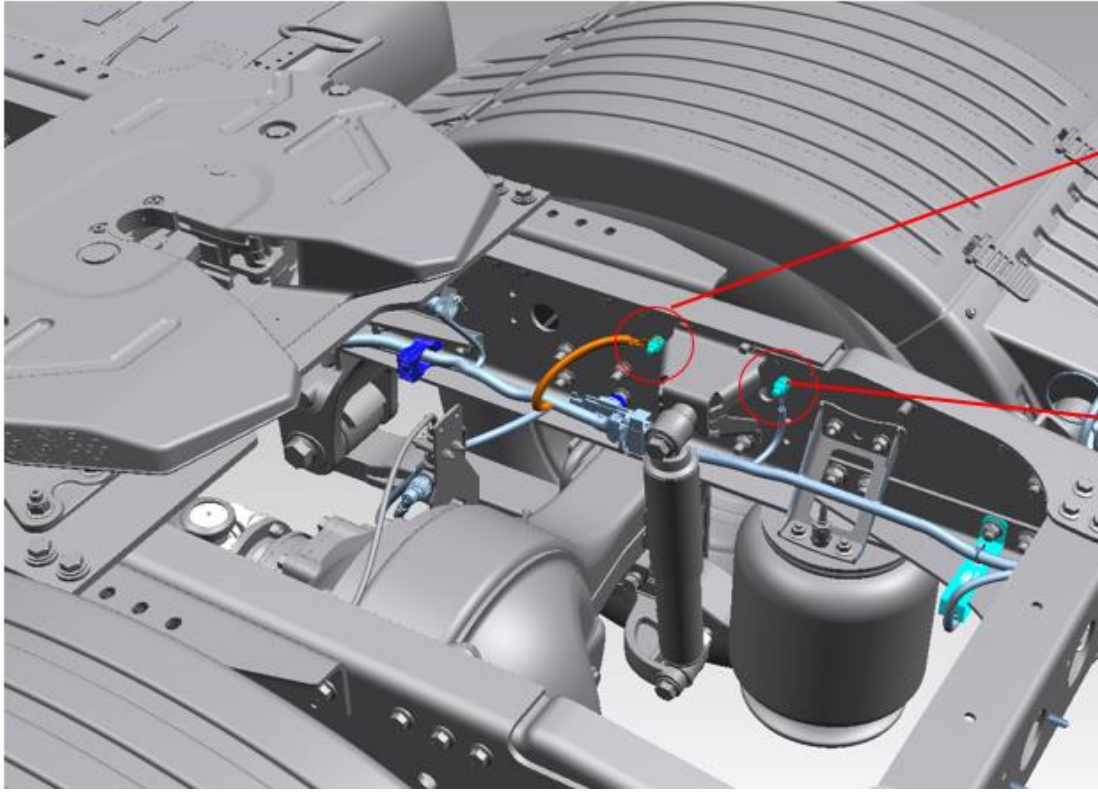
Tesisat şasi bağlantısı
14398
G1D415

Tesisat şasi bağlantısı
14398
G1D414



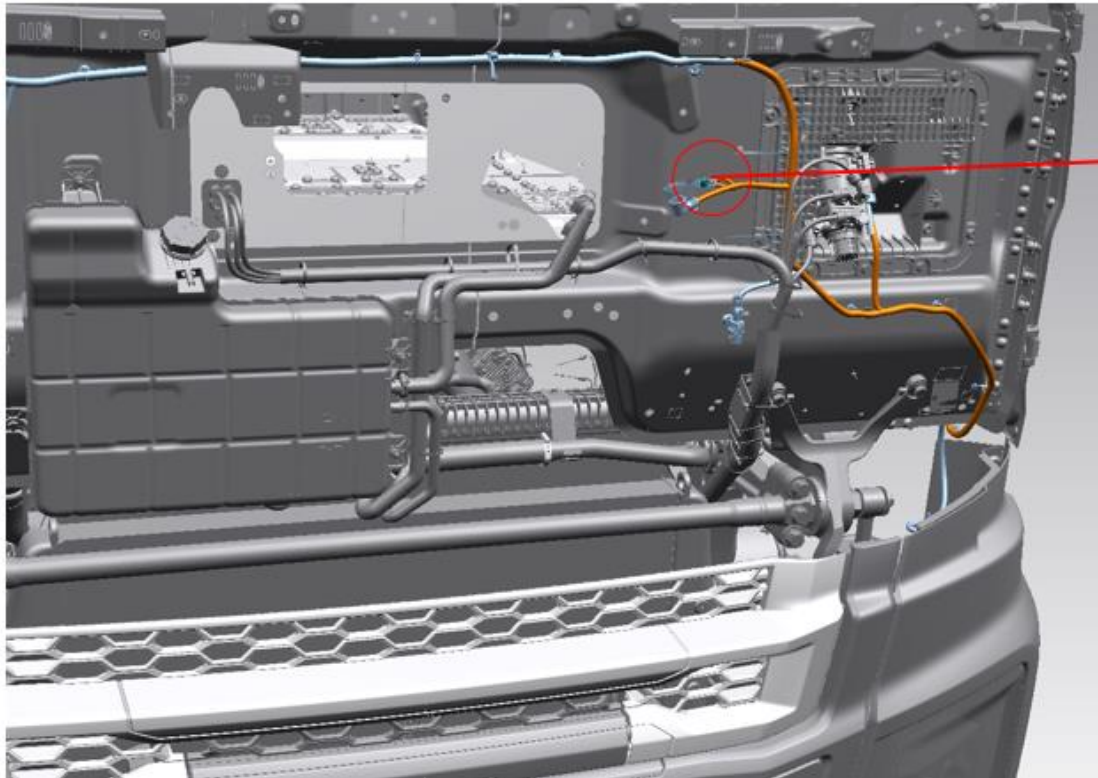
Tesisat şasi bağlantısı
14398
G1D481

Tesisat şasi bağlantısı
14398
G1D464

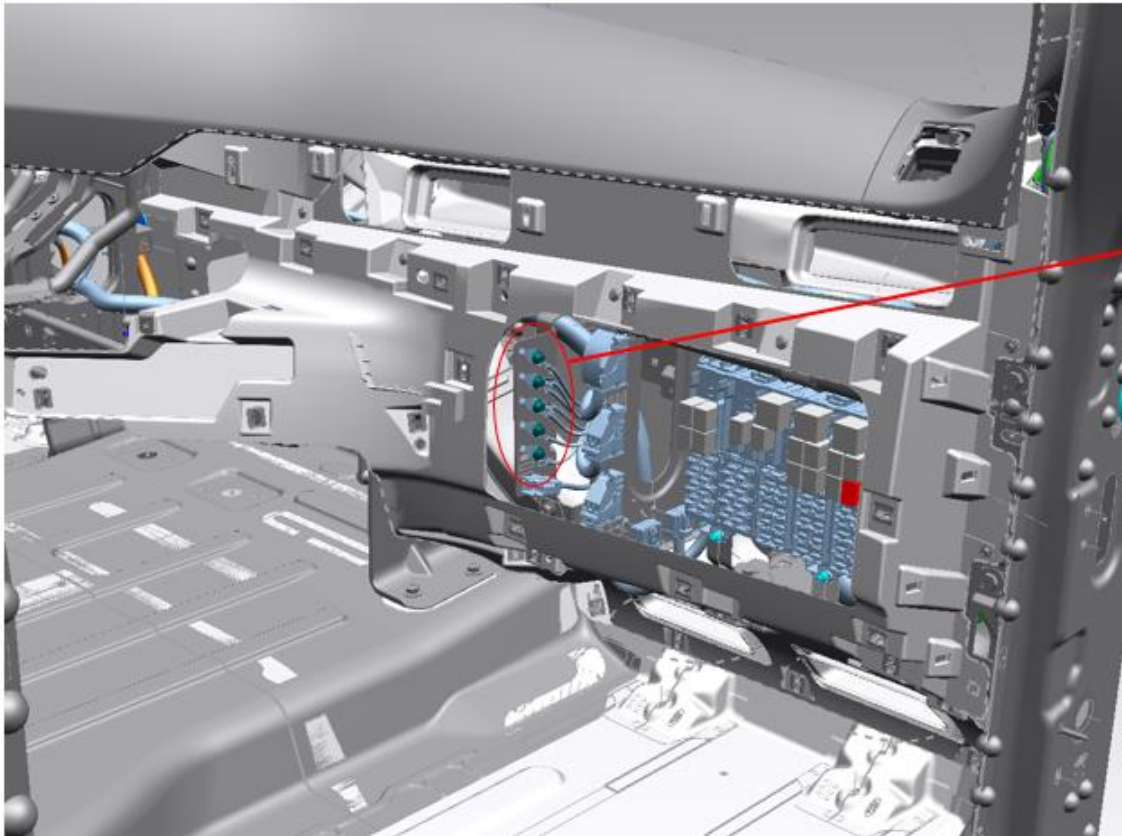


Tesisat şasi bağlantısı
14398
G1D410

Tesisat şasi bağlantısı
14405
G1D406



Kaput tesisatı şasi
bağlantısı
Kabin tarafı
14B242
A_G1D120
B_G1D120

TRUCKS


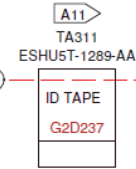
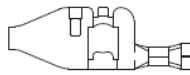
Konsol tesisatı şasi bağlantısı sigorta kutusu tarafı **14401**

A_G2D285
B_G2D285
G2D216
G2D237
G2D287
B_G2D286
A_G2D286

NOT : 14401
Tesisatındaki groundlar teknik resimde belirtildiği sırada takılmamış olabilir. Dalların üzerindeki etiketlerde C-code yazmaktadır.

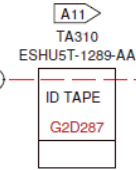
G2D237						
PIN	CIRCUIT	COLOR	WIRESPEC	TPM	TERM FPN	LEVEL
1	G2D237P	BK/WH	2TBD-4.0			(ALL)

8V5T-14463-AHA : INTERLOCKING EYELET-EYELETS & SPLICE (ALL)



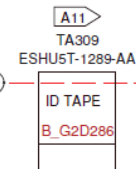
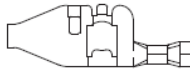
G2D287						
PIN	CIRCUIT	COLOR	WIRESPEC	TPM	TERM FPN	LEVEL
1	G2D287A	BK/VT	2TBD-2.5			(ALL)

8V5T-14463-AHA : INTERLOCKING EYELET-EYELETS & SPLICE (ALL)



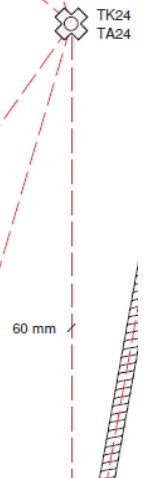
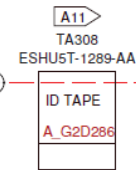
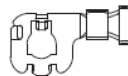
B G2D286						
PIN	CIRCUIT	COLOR	WIRESPEC	TPM	TERM FPN	LEVEL
1	B_G2D286F	BK/BU	3TBD-6.0			(ALL)

8V5T-14463-AHA : INTERLOCKING EYELET-EYELETS & SPLICE (ALL)

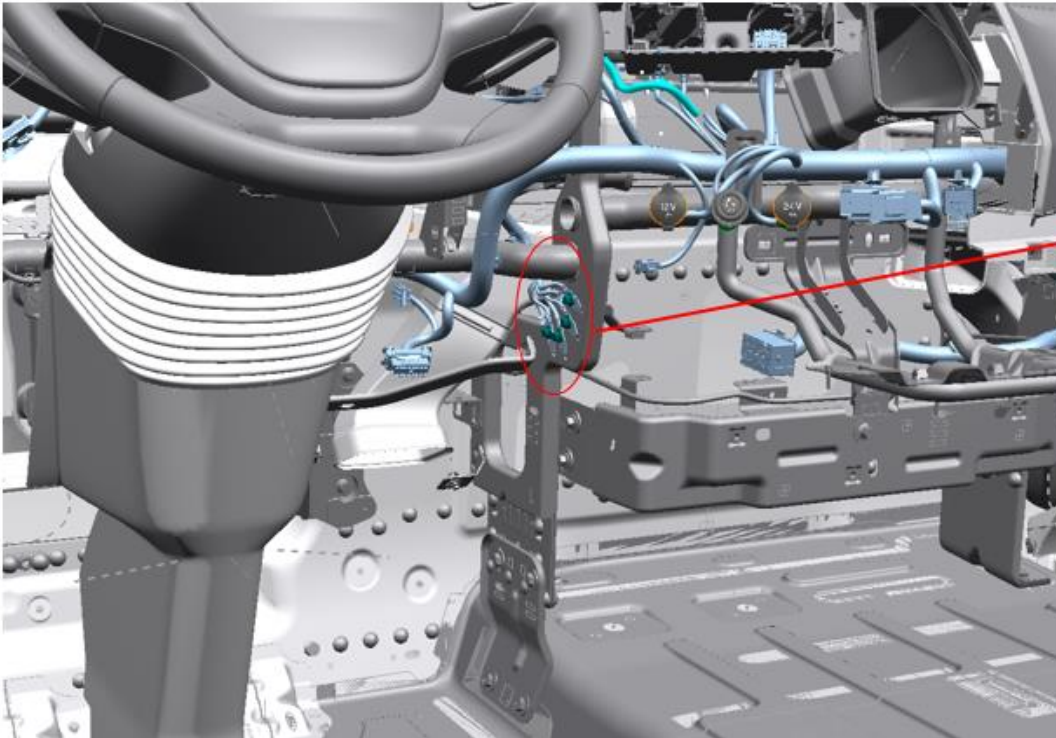


A G2D286						
PIN	CIRCUIT	COLOR	WIRESPEC	TPM	TERM FPN	LEVEL
1	A_G2D286A	BK/BU	2TBD-4.0			(ALL)

8V5T-14463-AHA : INTERLOCKING EYELET-EYELETS & SPLICE (ALL)



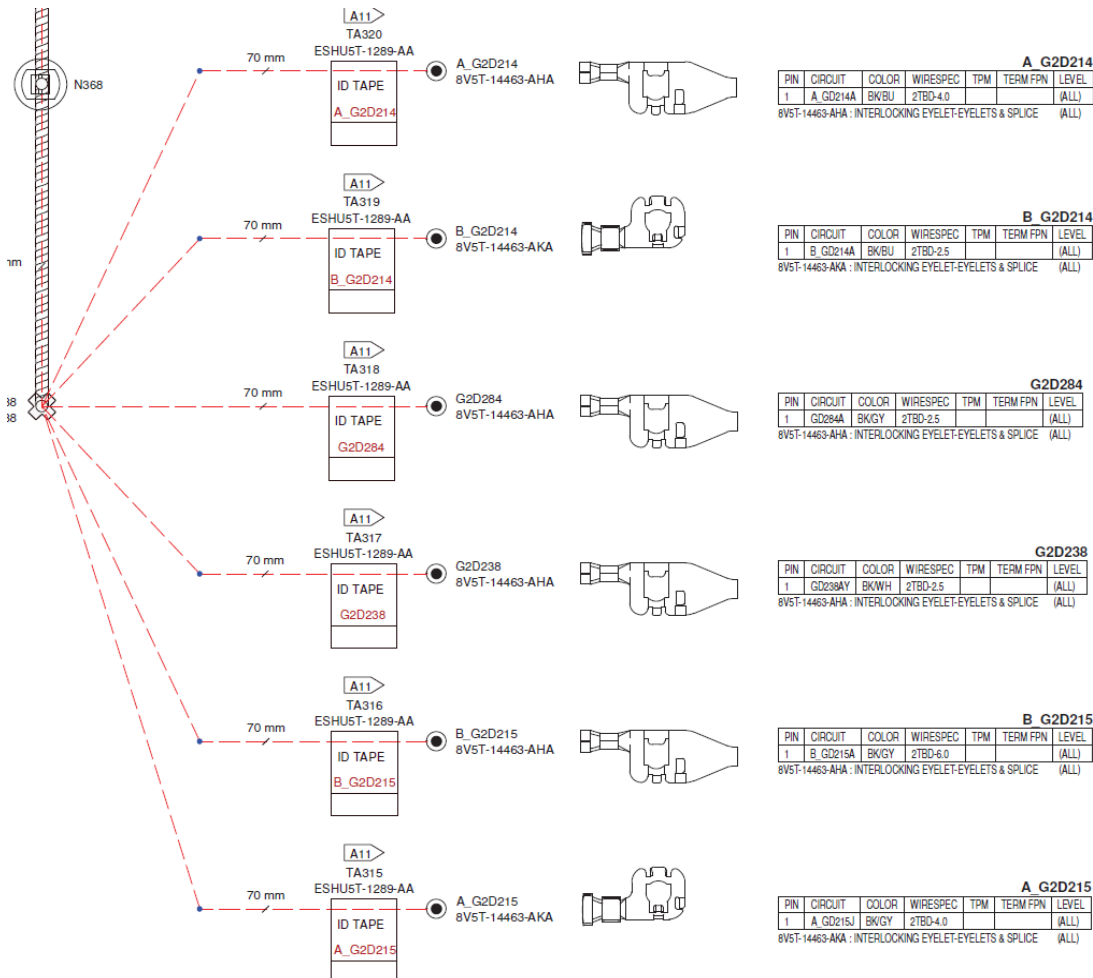
TRUCKS

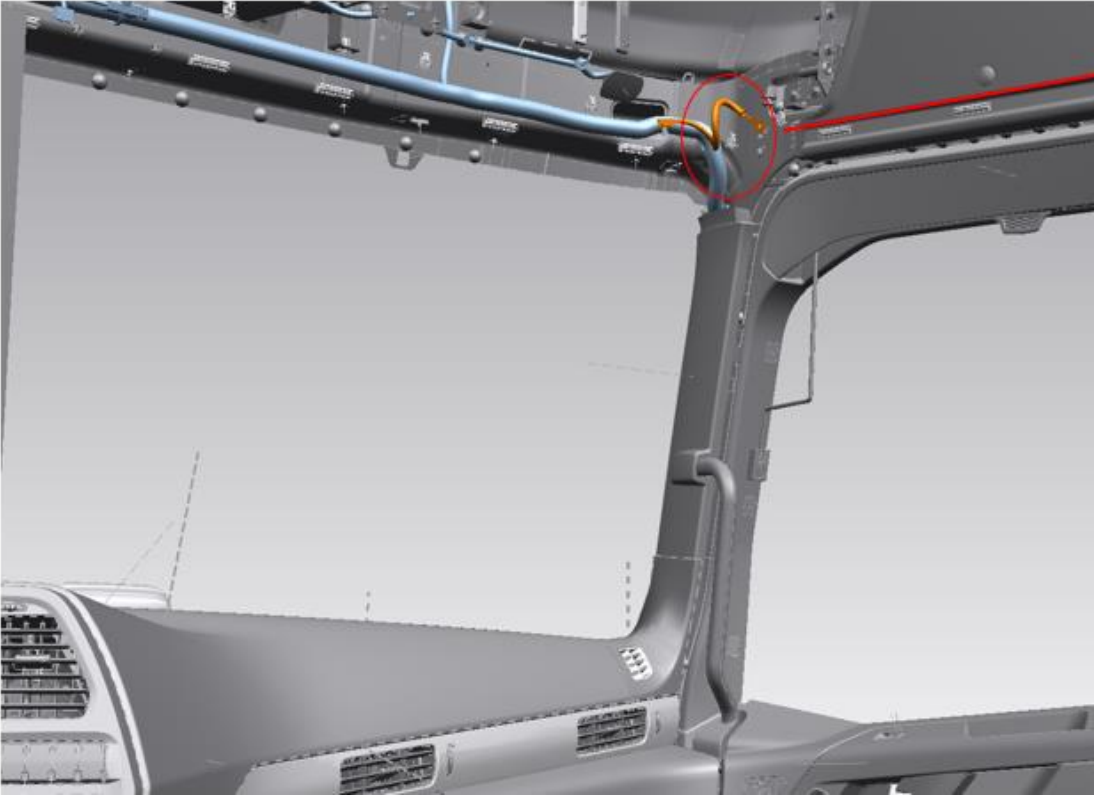


Konsol tesisatı şasi bağlantısı
direksiyon tarafı
14401

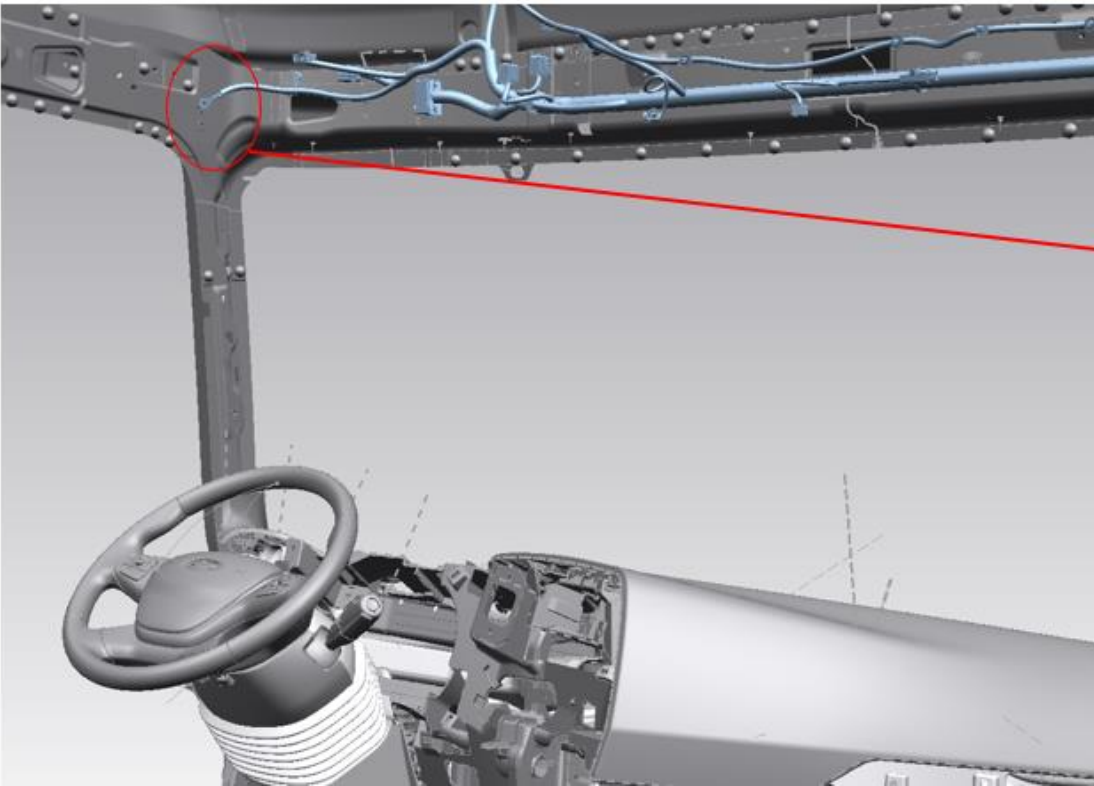
A_G2D214
B_G2D214
G2D284
G2D238
B_G2D215
A_G2D215

NOT : 14401
Tesisatındaki
groundlar teknik
resimde belirtildiği
sırada takılmamış
olabilir. Dalların
üzerindeki etiketlerde
C-code yazmaktadır.



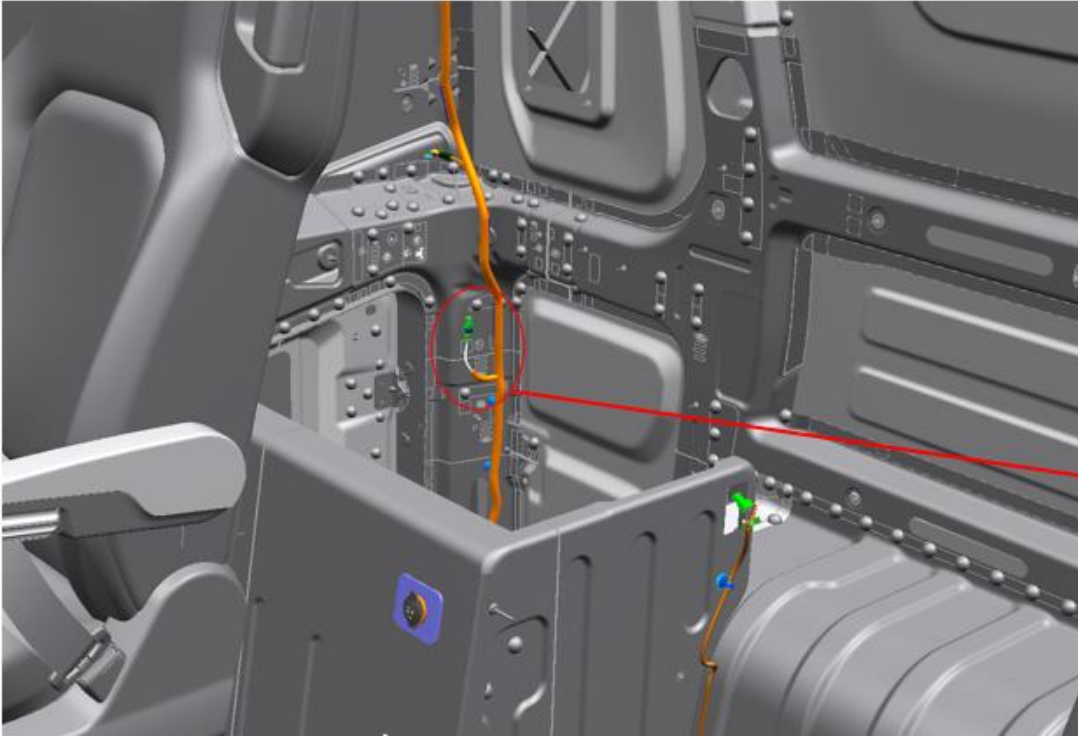
TRUCKS

Tavan tesisatı şasi
bağlantısı
yolcu tarafı
15A404
G9D352

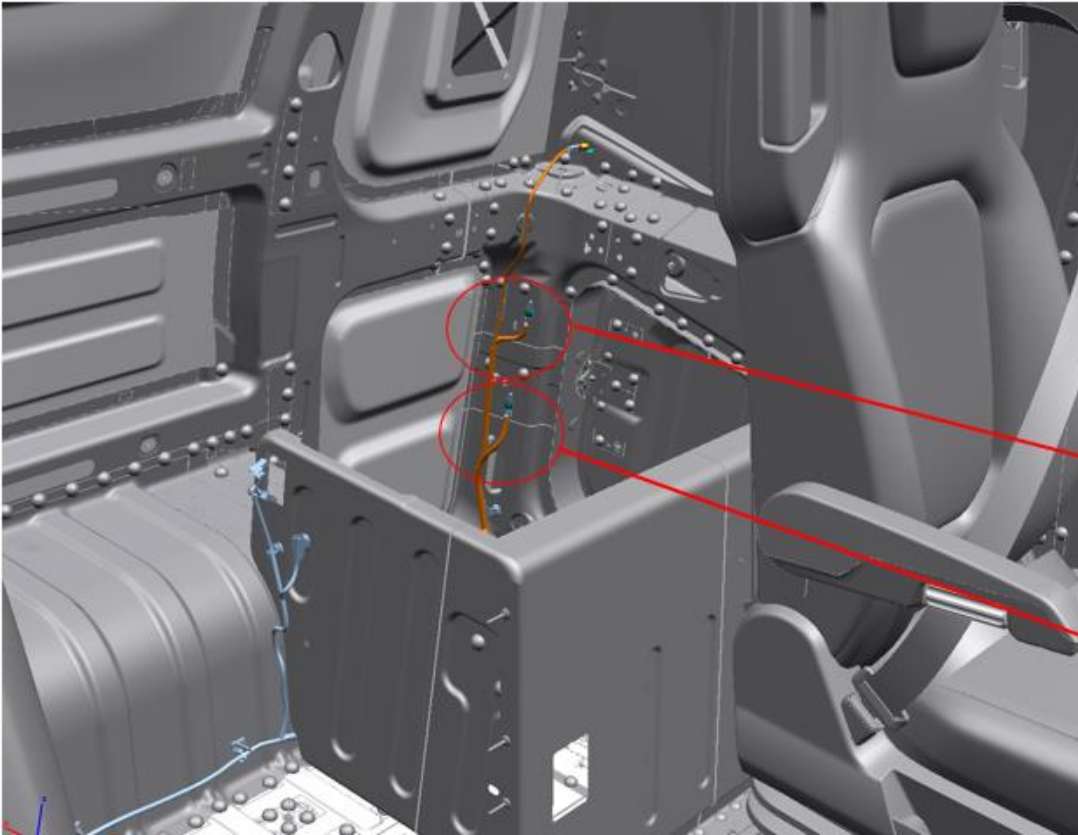


Tavan tesisatı şasi
bağlantısı
sürücü tarafı
15A404
G9D303

TRUCKS



Taban tesisatı şasi
bağlantısı
yolcu tarafı
14014
G2D348



Taban tesisatı şasi
bağlantısı
sürücü tarafı
14A005
G2D345

Taban tesisatı şasi
bağlantısı
sürücü tarafı
14A005
A_G2D343
B_G2D343

TRUCKS

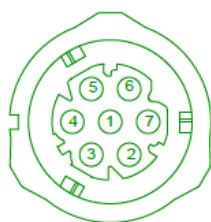
3.5. Power Wiring

Item No.	Name of the wiring	Middle No.
1	ADR Wiring	14N013
2	Battery wiring	14304
3	ADR Wiring - 24V from the battery	14300
4	Alternator-mega fuse-battery wiring	14A280
5	Alternator-start/stop-starter wiring	12A522

14N013 → ADR Wiring connector descriptions:



Connector Code	C1A102	
Connector Description	TO-UNIT BMS CTRL	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/PURPLE
2	0.75	GREY/PURPLE



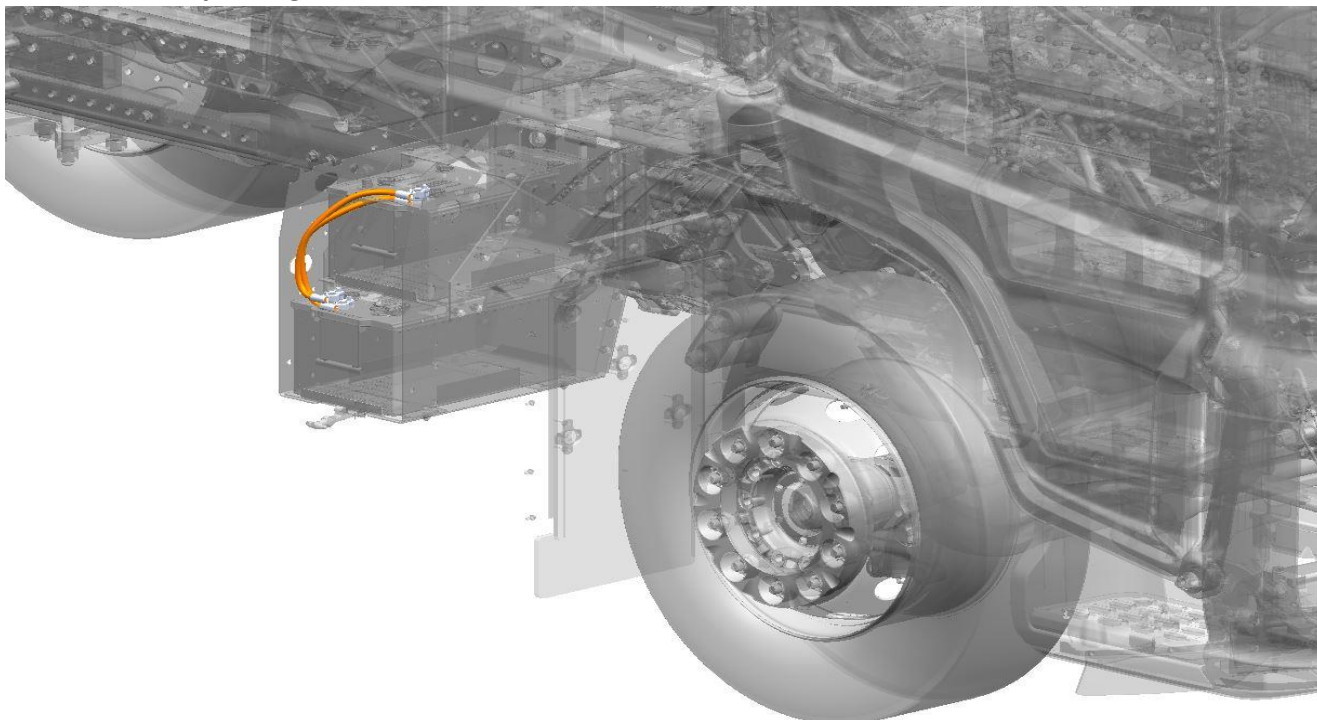
Connector Code	C1A102-A	
Connector Description	TO-UNIT BMS AUX	
Pin Layout	Wire Thickness	Wiring Colour
2	0.75	ORANGE/GREEN
3	0.75	WHITE/PURPLE
4	0.75	BLACK/WHITE

Connector Code	C1DC56	
Connector Description	SENSOR-BMOS	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLUE/WHITE
2	0.75	GREEN/ORANGE
3	0.75	PURPLE/GREY

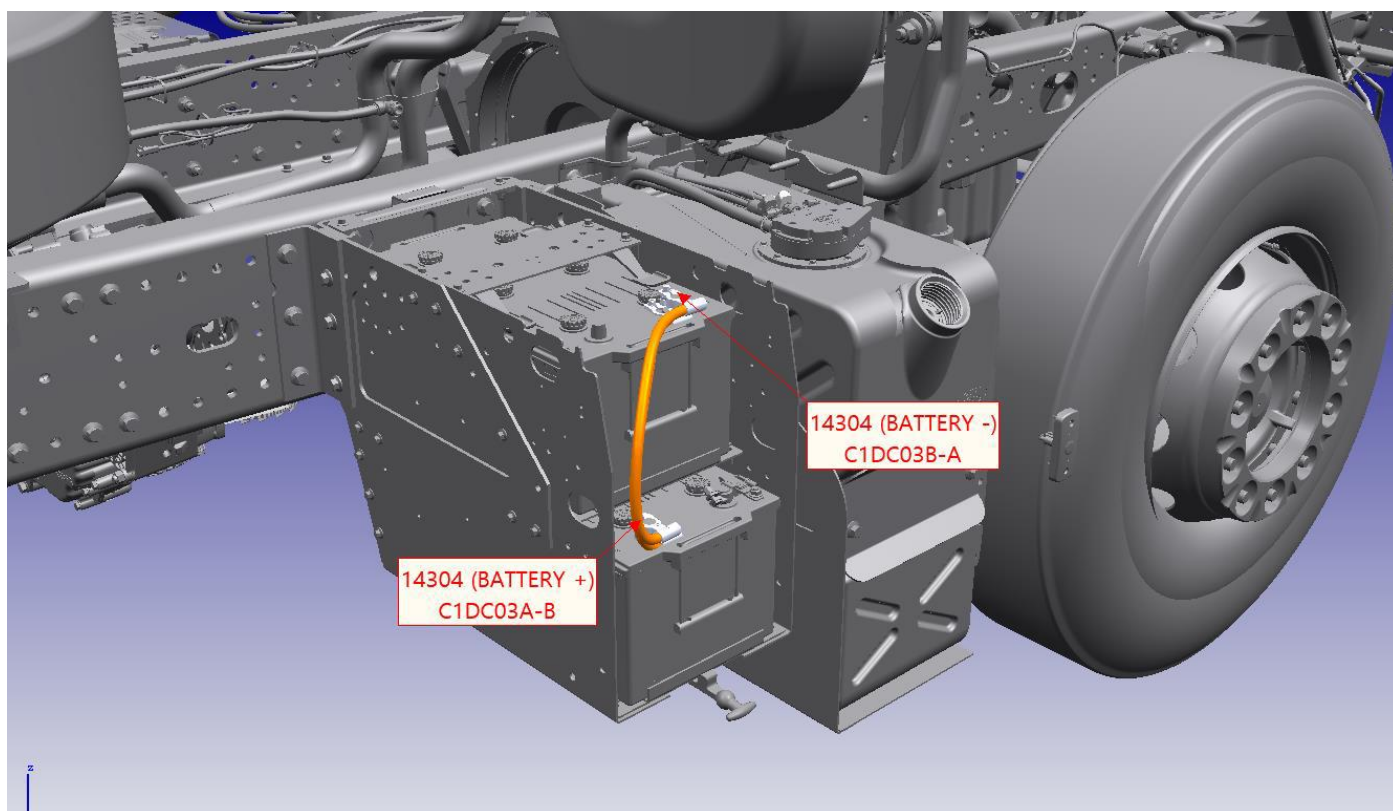
Connector Code	C1A411	
Connector Description	TO SWITCH - ADR CHASSIS	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/PURPLE
2	0.75	GREY/PURPLE

TRUCKS

14304 → Battery Wiring

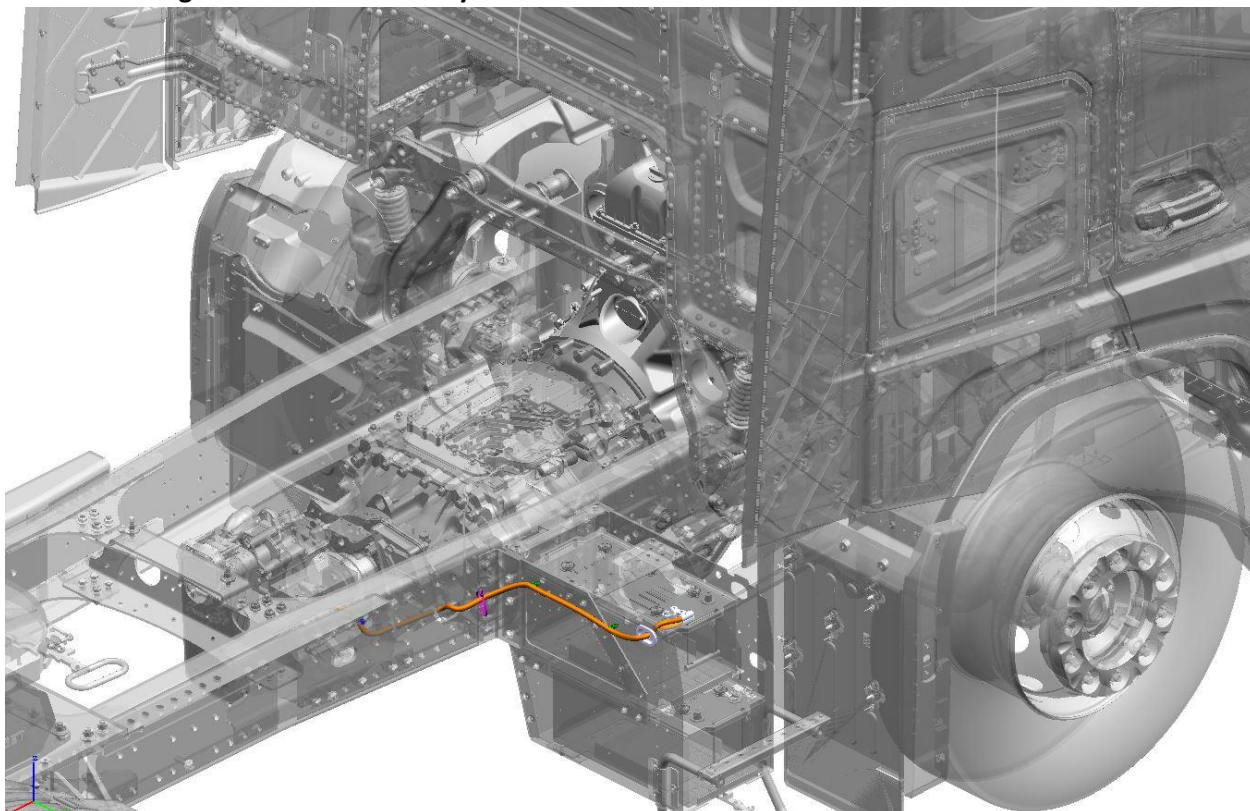


C1DC03A-B / C1DC03B-A Connectors:

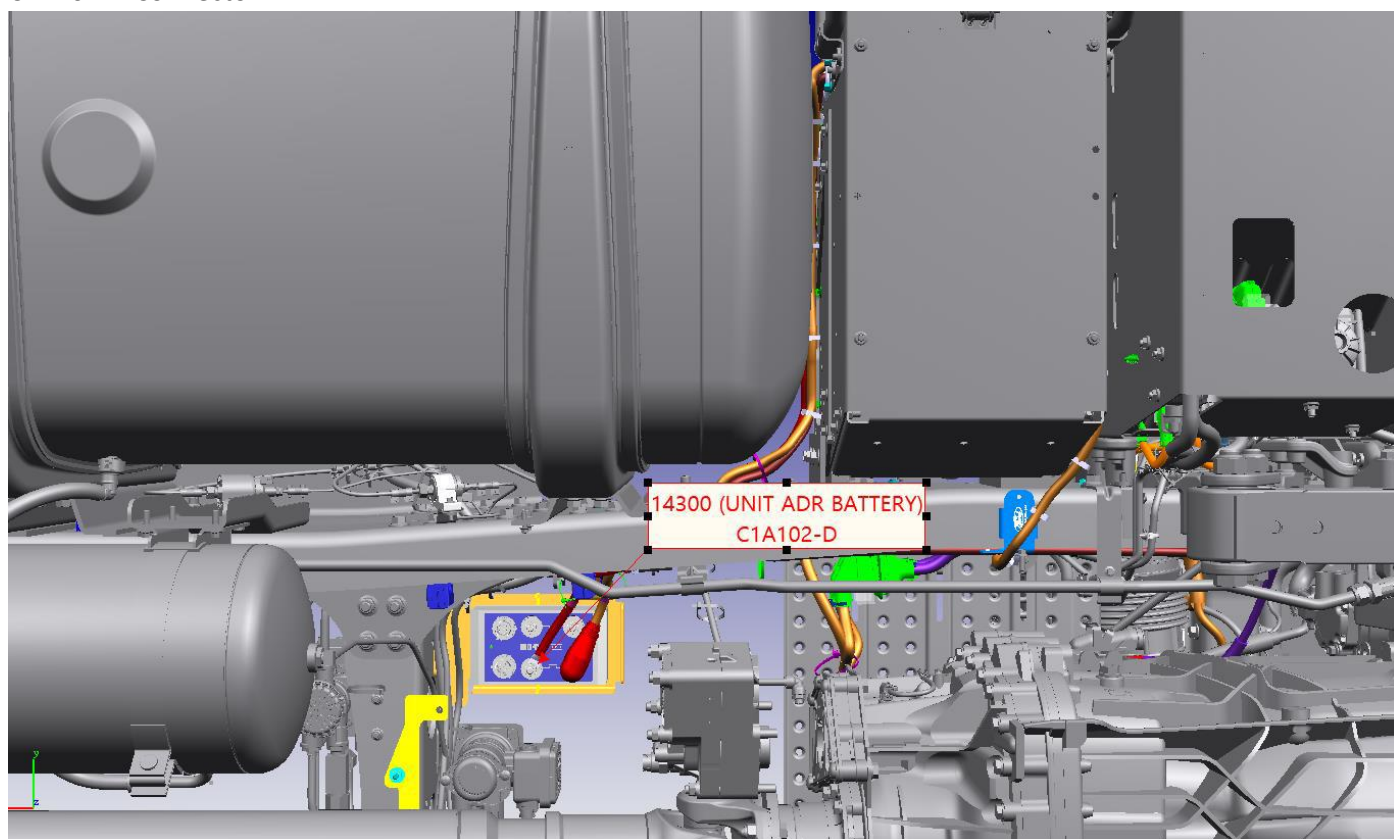


TRUCKS

14300 → ADR Wiring - 24V from the battery

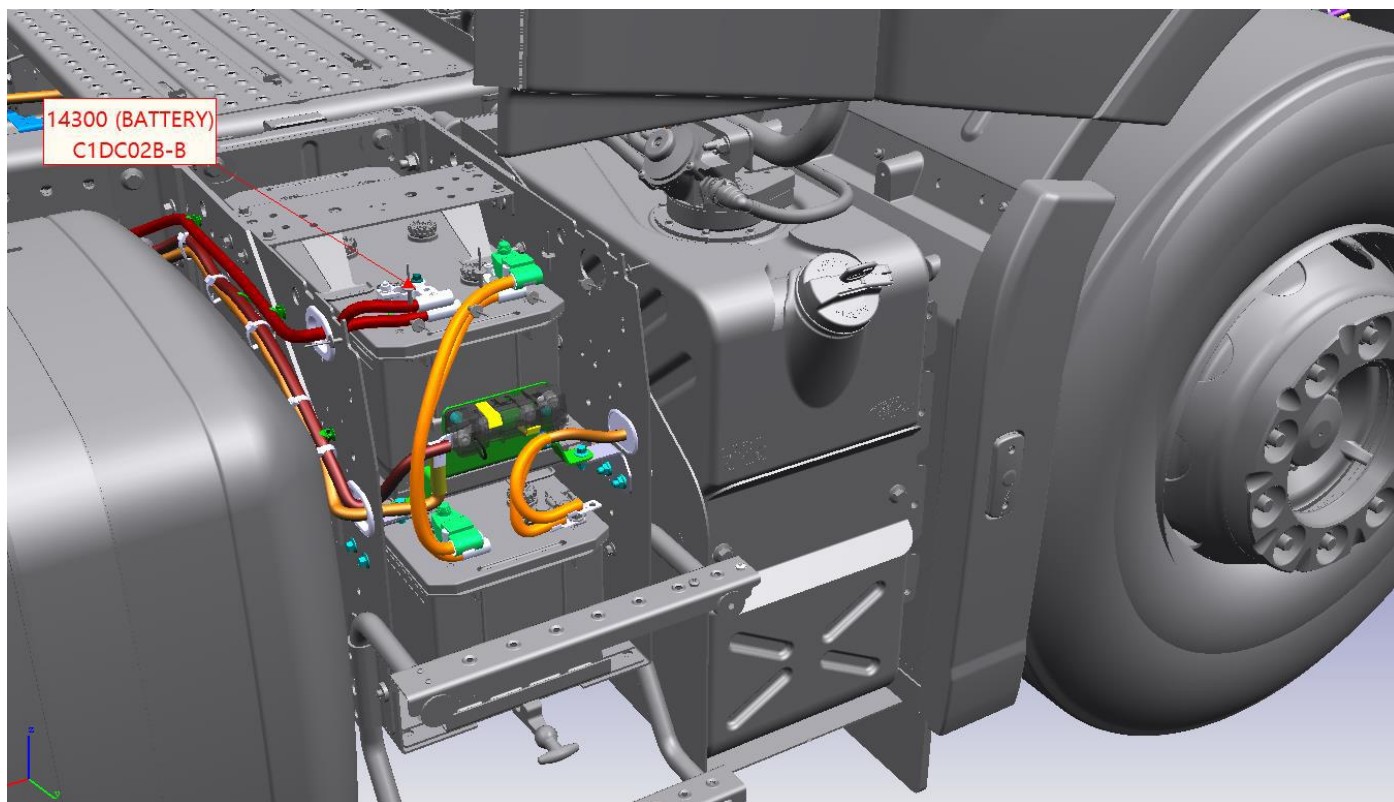


C1A102-D Connector:

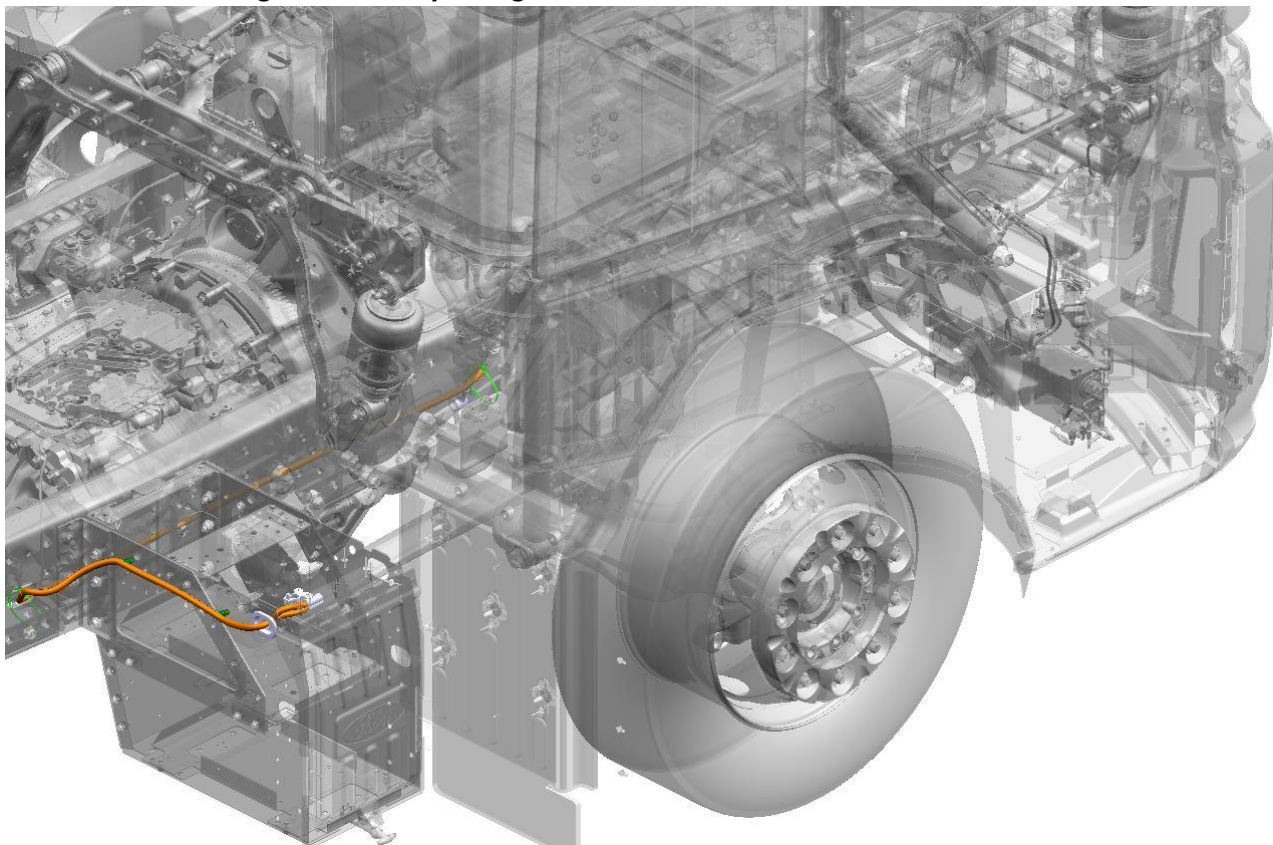


TRUCKS

C1DC02B-B Connector:

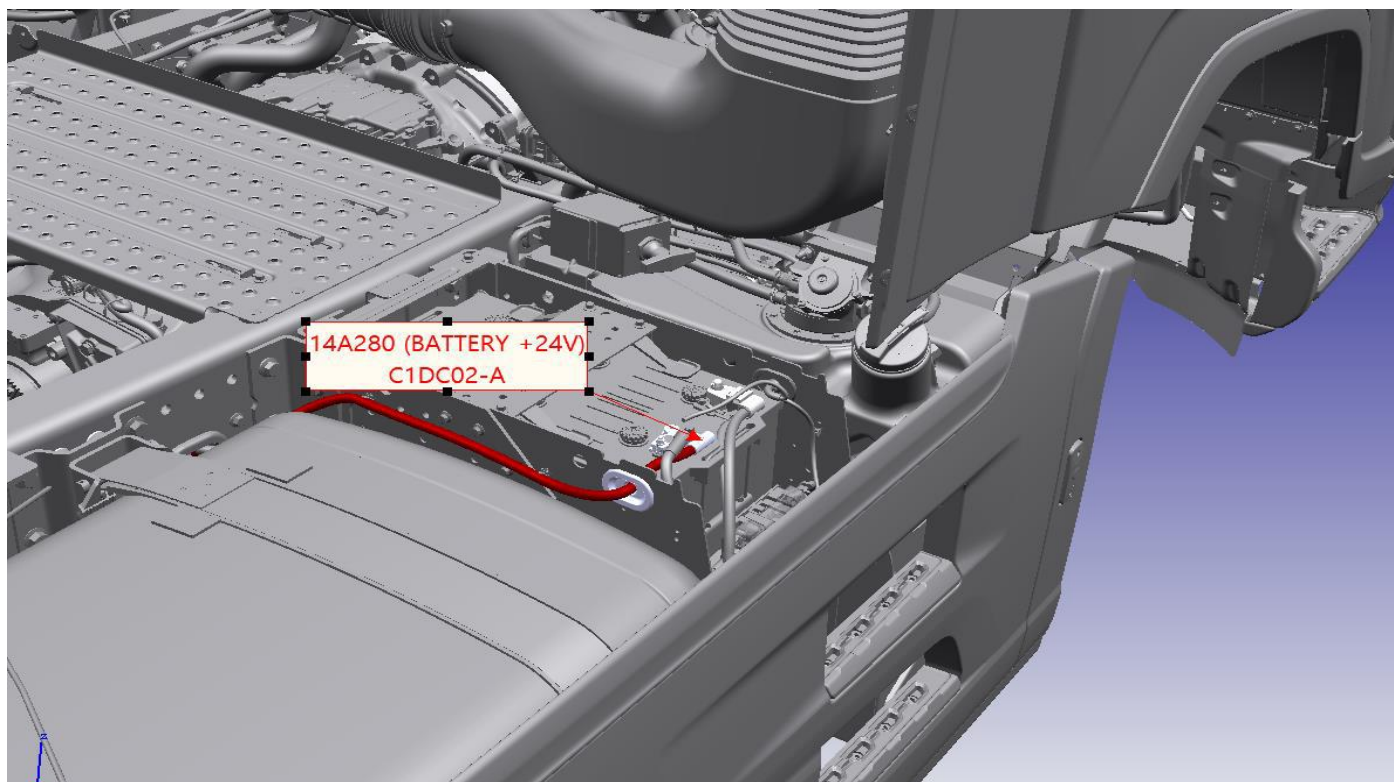


14A280 → Alternator-mega fuse-battery wiring

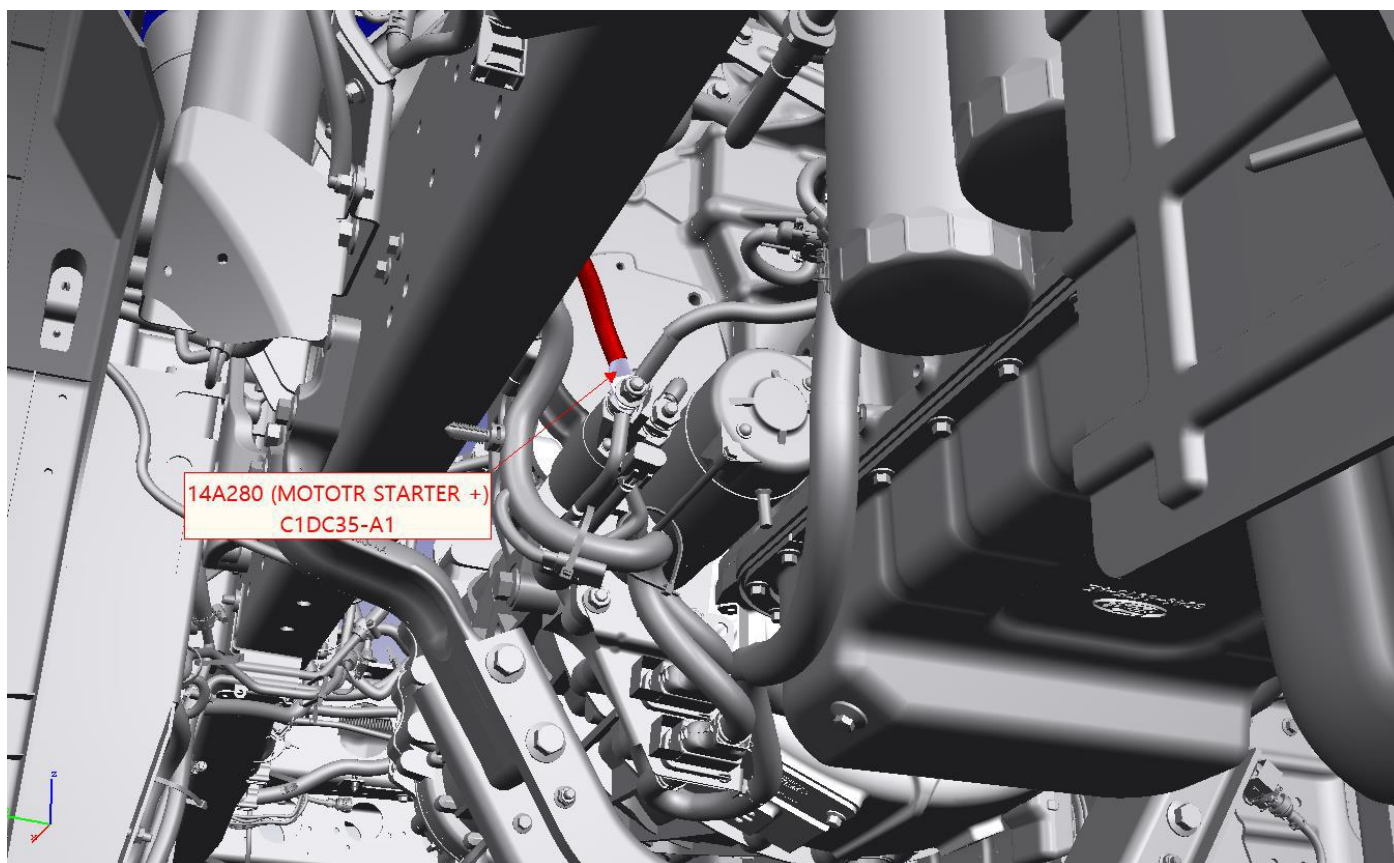


TRUCKS

C1DC02-A Connector :

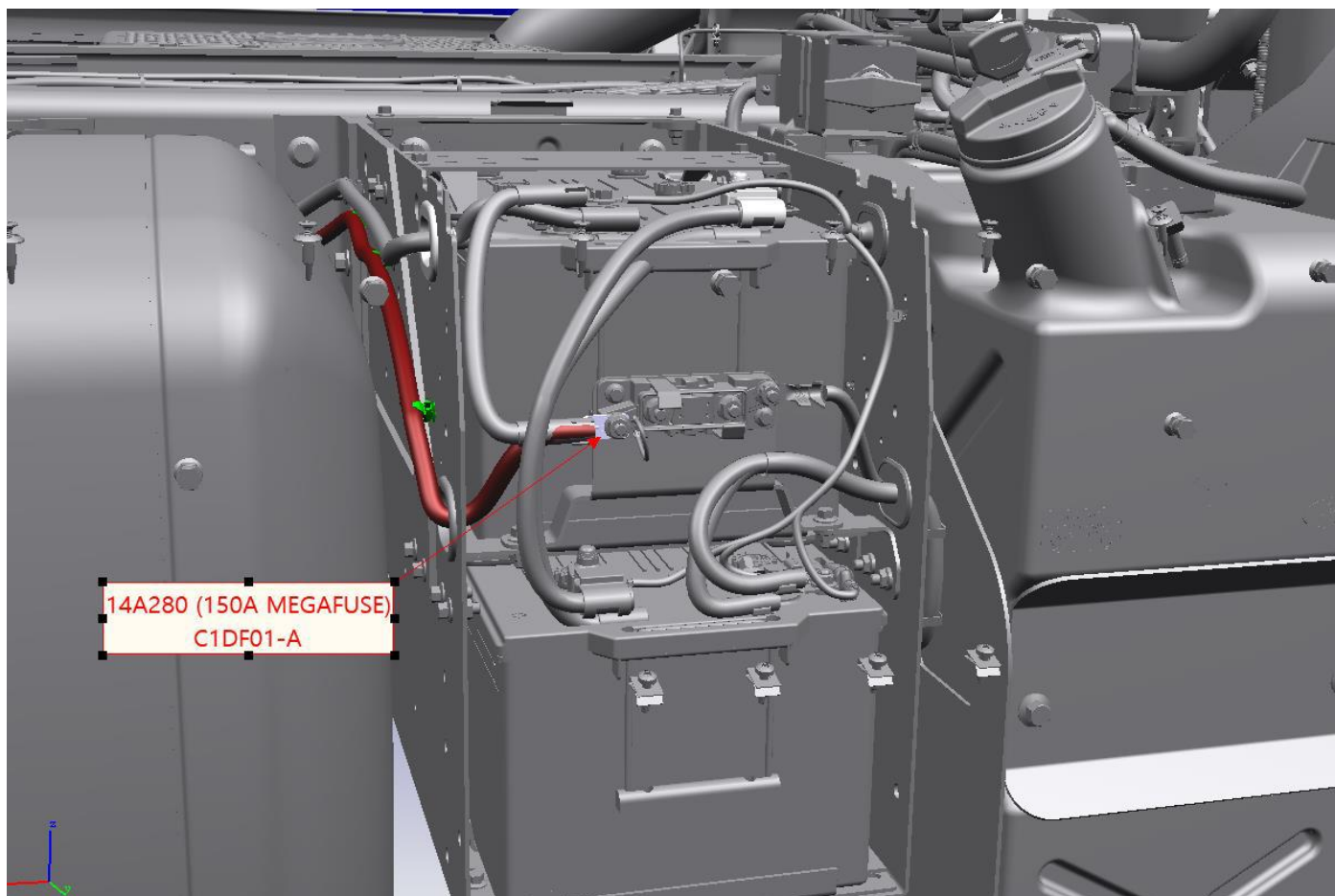


C1DC35-A1 Connector :

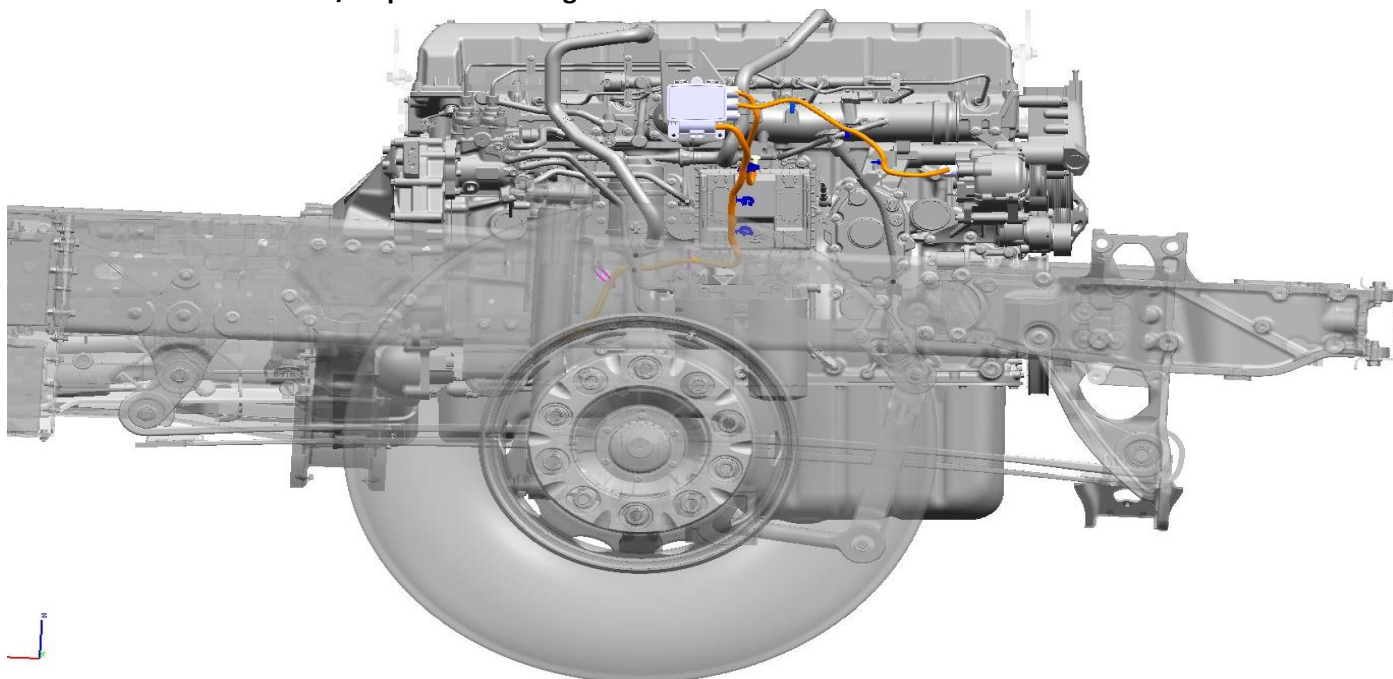


TRUCKS

C1DF01-A Connector:

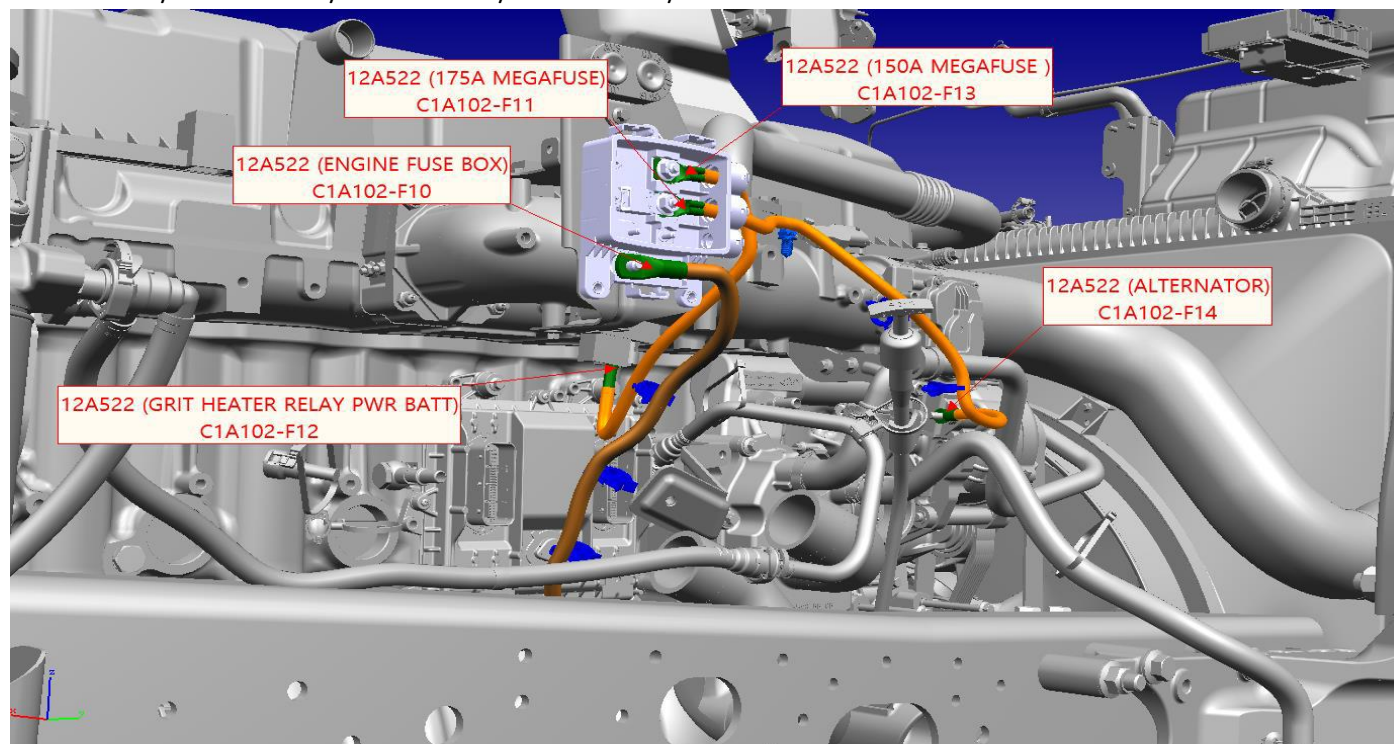


12A522 → Alternator-start/stop-starter wiring

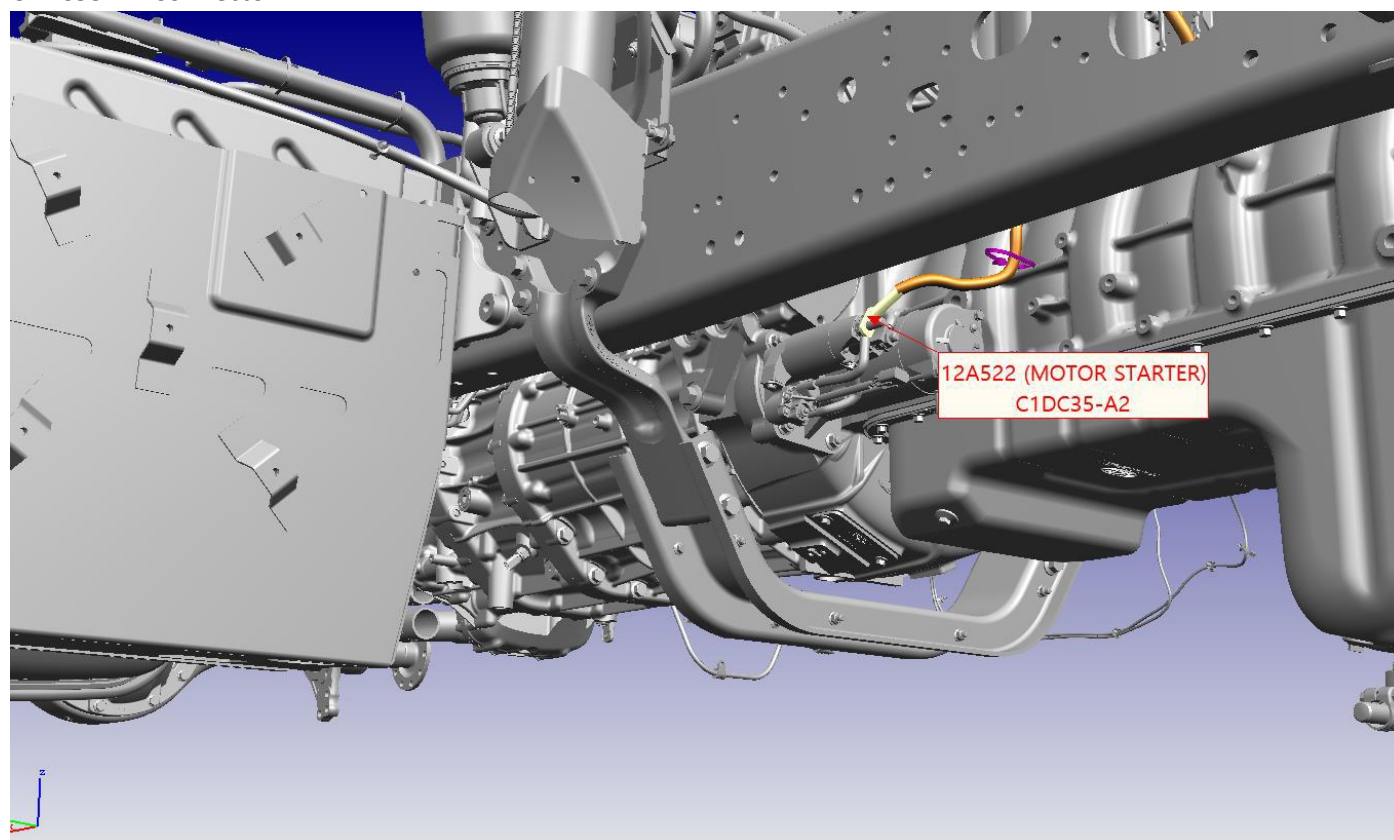


TRUCKS

C1A102-F11 / C1A102-F13 / C1A102-F10 / C1A102-F14 / C1A102-F12 Connectors:



C1DC35-A2 Connector :





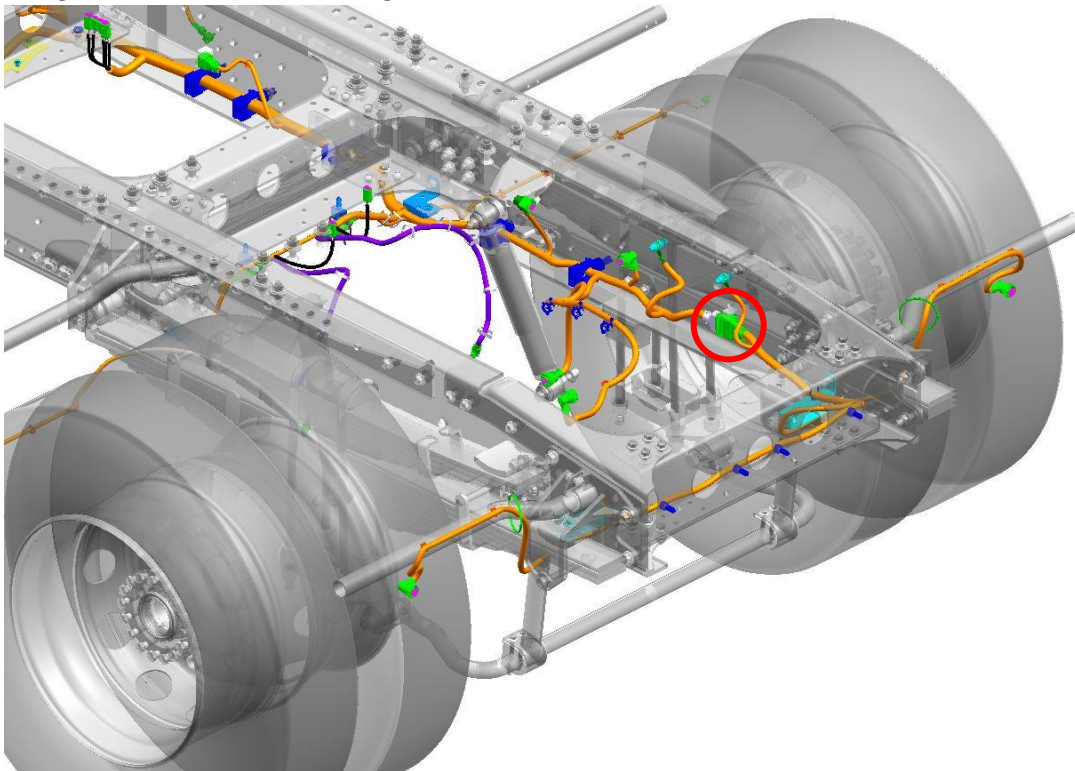
TRUCKS

3.6. Inliner Connectors (Transition connectors between wiring)

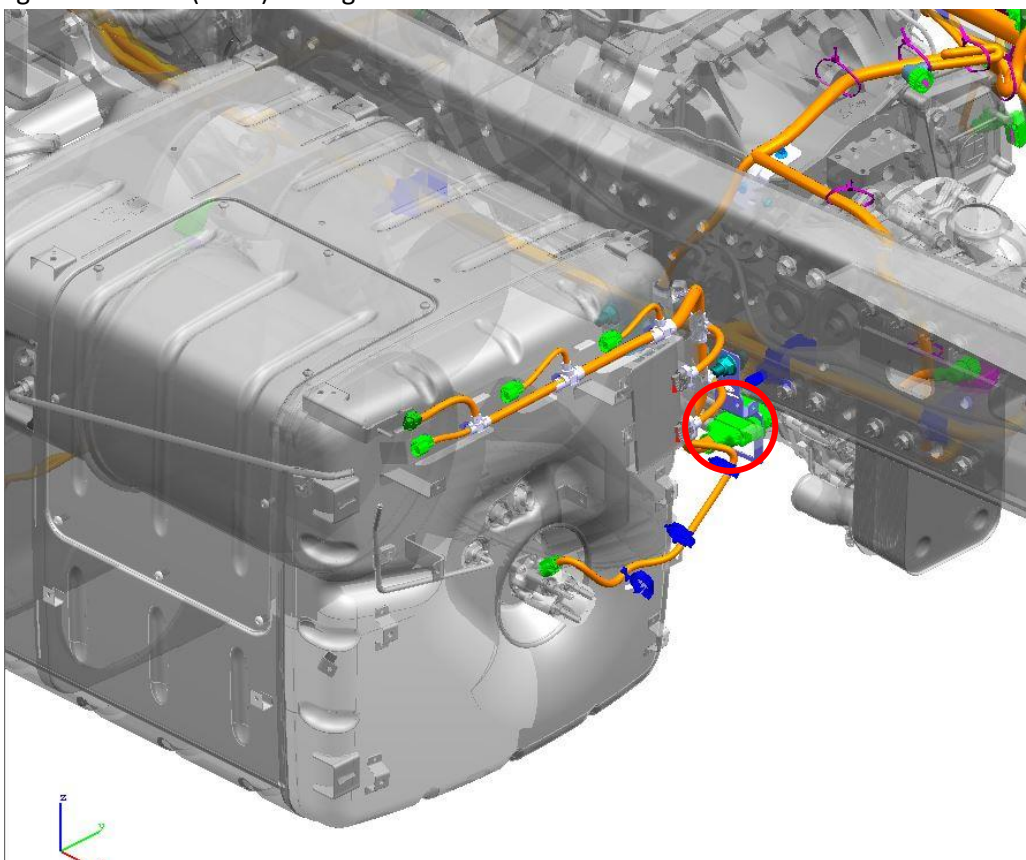
Incoming Wiring	Incoming Connector	Outgoing Wiring	Outgoing Connector
14398	C11-A1	12A690	C11-A2
14398	C11-B1	12A690	C11-B2
14398	C11-D1	14D378	C11-D2
14398	C11-G1	9L430	C11-G2
9H589	C11-H1	12A690	C11-H2
14398	C11-K1	14K039	C11-K2
15A808	C11-L1	14K039	C11-L2
13N052	C11-M1	13B712	C11-M2
15A808	C11-P1	14K039	C11-P2
13B712	C11-R1	13B767	C11-R2
13B712	C11-S1	13B711	C11-S2
14398	C12-A1	14401	C12-A2
14398	C12-B1	14401	C12-B2
14398	C12-C1	14401	C12-C2
14398	C12-D1	14401	C12-D2
14398	C12-E1	14401	C12-E2
14398	C12-F1	14401	C12-F2
14398	C12-G1	14401	C12-G2
14398	C12-M1	14401	C12-M2
14398	C12-N1	14401	C12-N2
15A808	C12-R1	14401	C12-R2
15A808	C12-T1	14401	C12-T2
13B712	C12-U1	14401	C12-U2
13B712	C12-V1	14401	C12-V2
13B712	C12-W1	14401	C12-W2
14B242	C12-X1	14401	C12-X2
14B242	C12-Y1	14401	C12-Y2
14398	C14-A1	14405	C14-A2
15A404	C22-A1	14401	C22-A2
14A320	C22-C1	14401	C22-C2
15A404	C22-F1	14401	C22-F2
14401	C22-H1	19C603	C22-H2
14A005	C33-A1	14401	C33-A2
14014	C33-B1	14401	C33-B2
14A005	C35-A1	14A584	C35-A2
14A005	C35-B1	14A584	C35-A2
14A005	C35-C1	14A584	C35-A2
14014	C36-A1	14K138	C36-A2
14014	C36-B1	14K138	C36-A2
14014	C36-C1	14K138	C36-A2
15A404	C99-A1	15B594	C99-A2

TRUCKS

14405 Rear wiring - 14398 BCU (Main) Wiring: C14-A

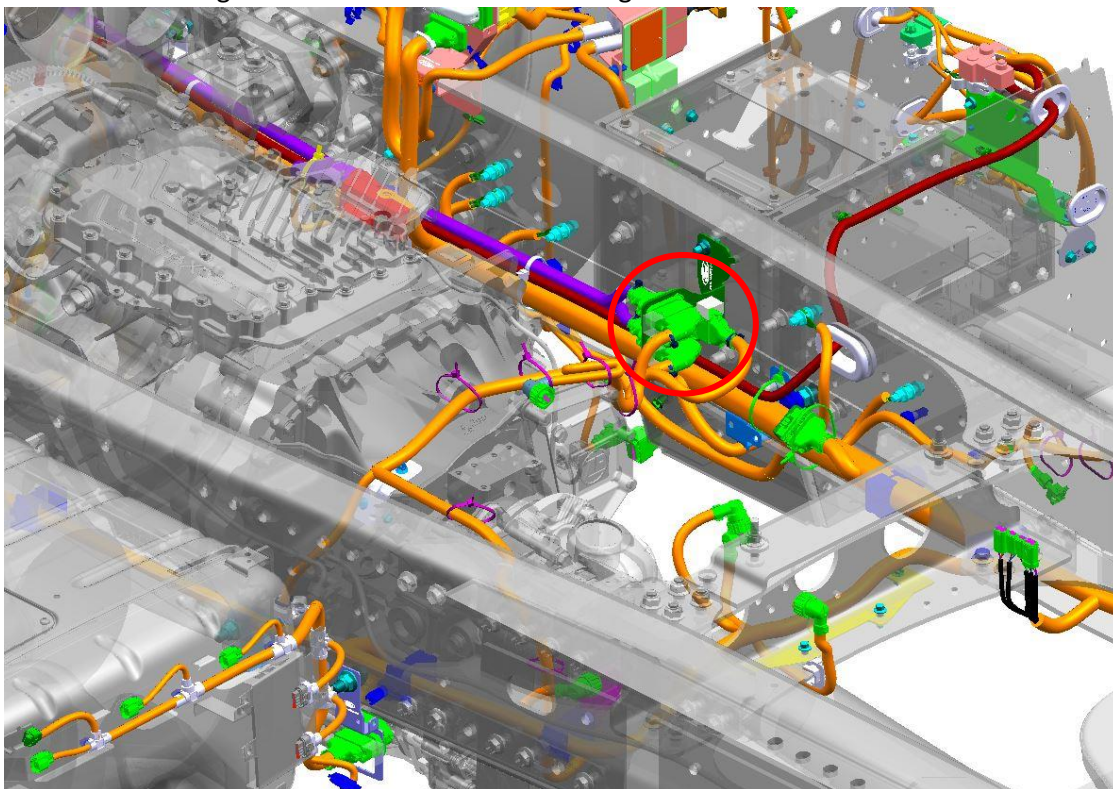


9L430 SCR Wiring - 14398 BCU (Main) Wiring: C11-G

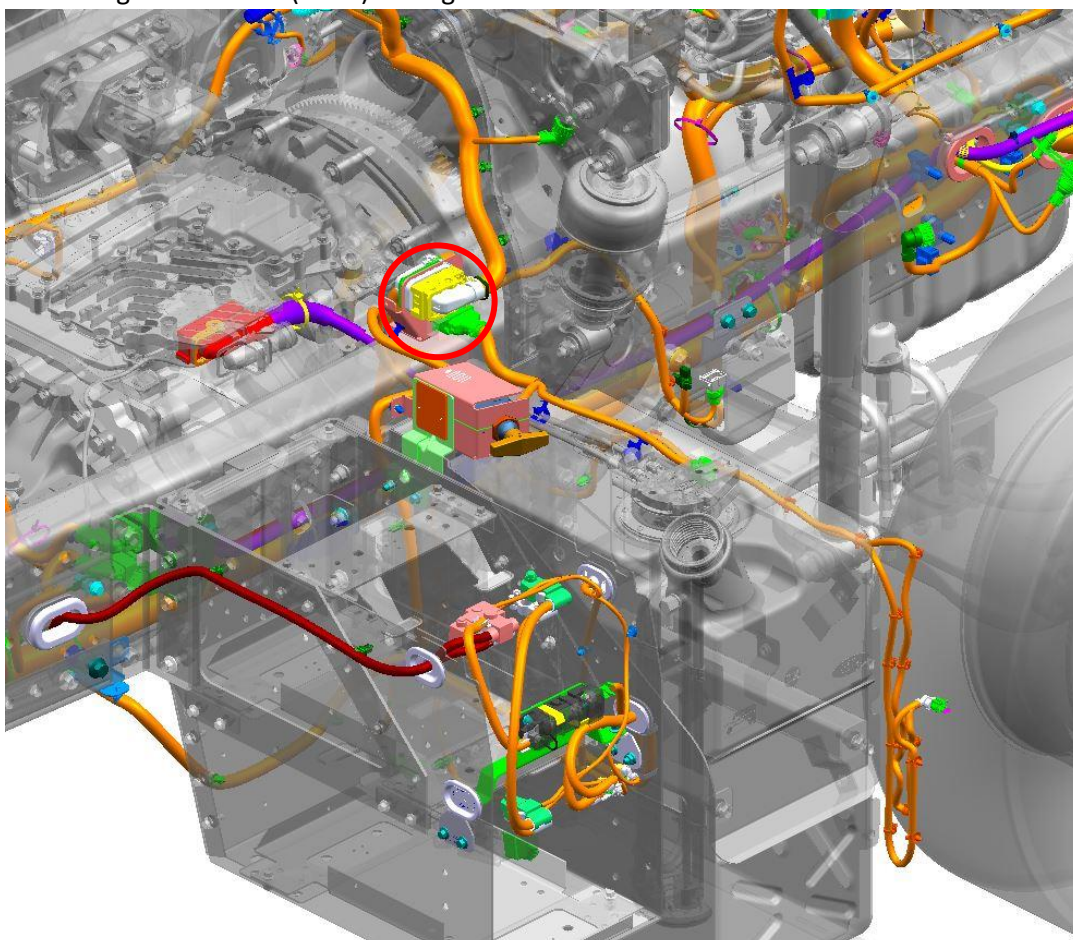


TRUCKS

14K039 on transmission wiring- 15A808 Transmission-cab wiring: C11-P - C11-L - C11-K

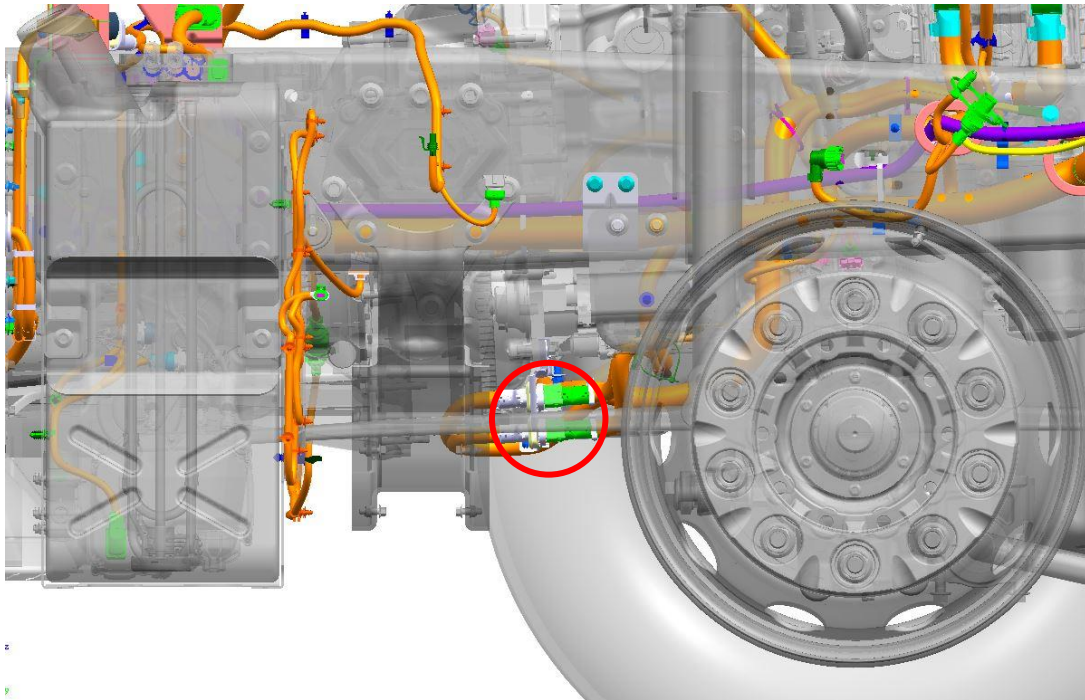


14D378 SCR tank wiring - 14398 BCU (Main) Wiring: C11-D

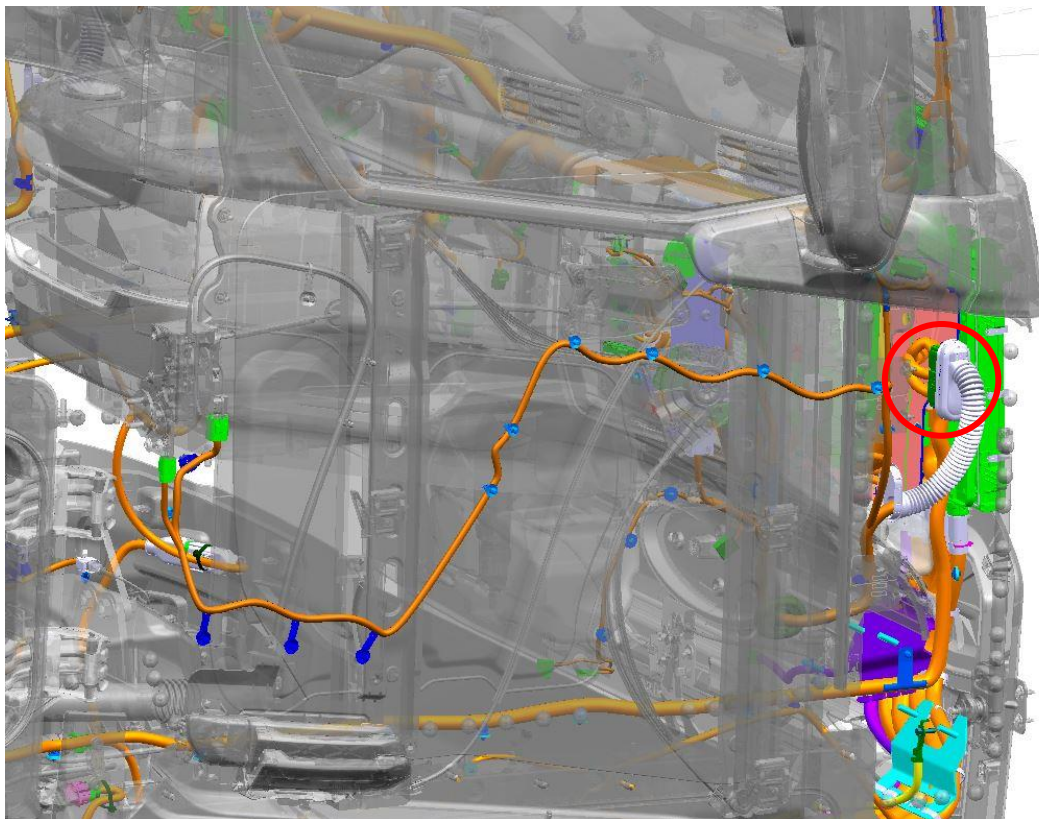


TRUCKS

12A90 on motor sensor wiring - 14398 BCU (Main) Wiring: C11-A - C11-B

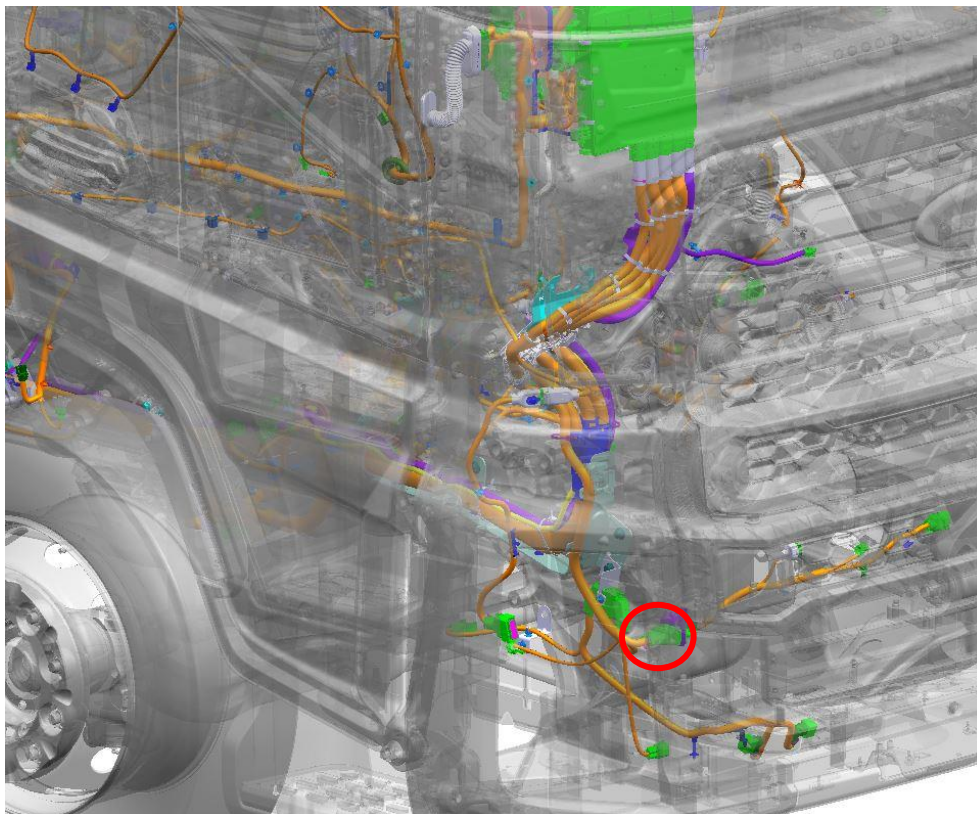


14K138 Door interior wiring -RH - 14014 Driver side cab internal rear wiring: C36-A - C36-B - C36-C

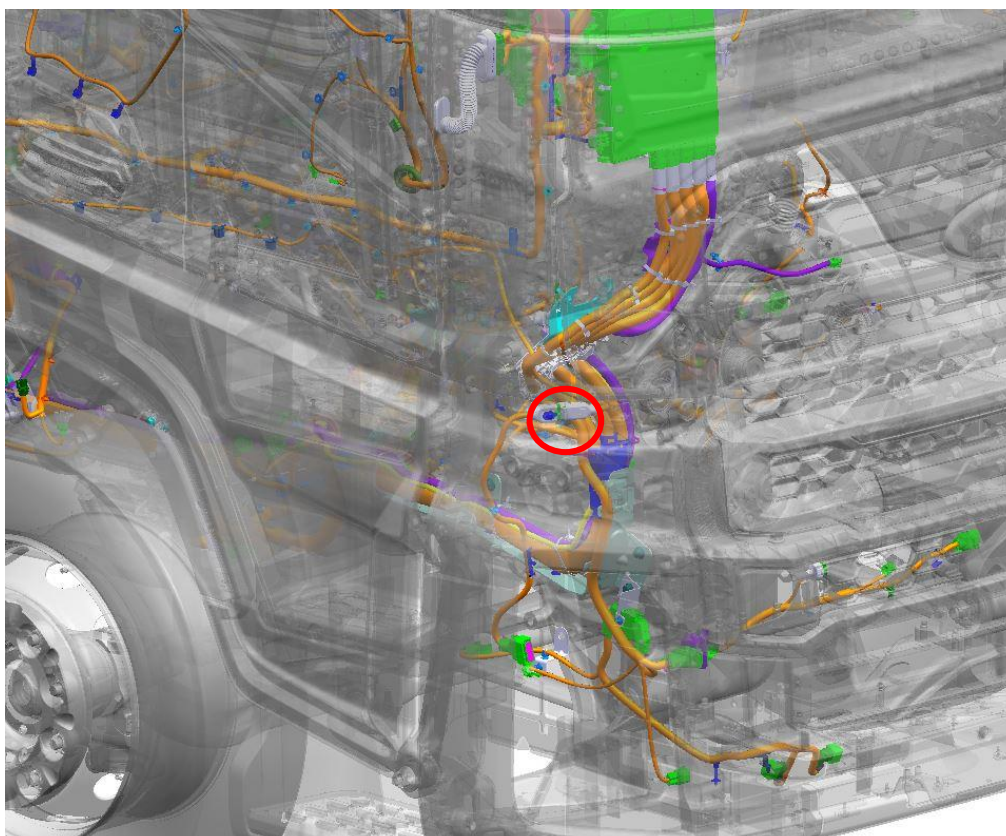


TRUCKS

13B767 TPMS, Radar, OAT and Horn Wirings - 13B712 Passenger side cab internal wiring: C11-R

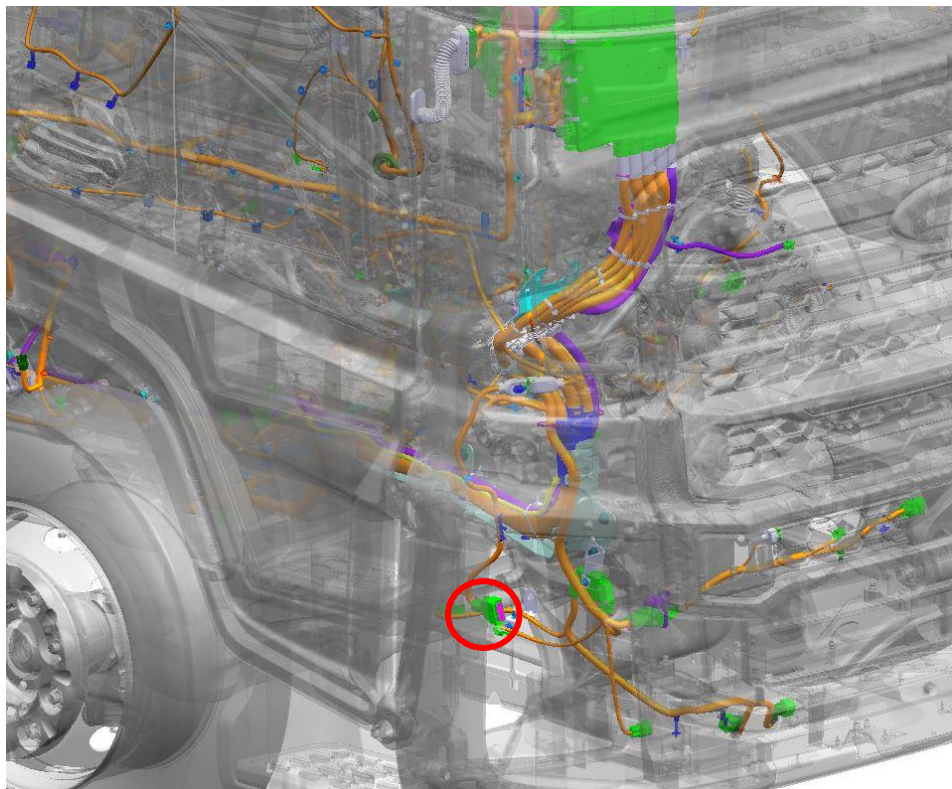


13N052 Bumper wiring (RH) - 13B712 Passenger side cab internal wiring: C11-M

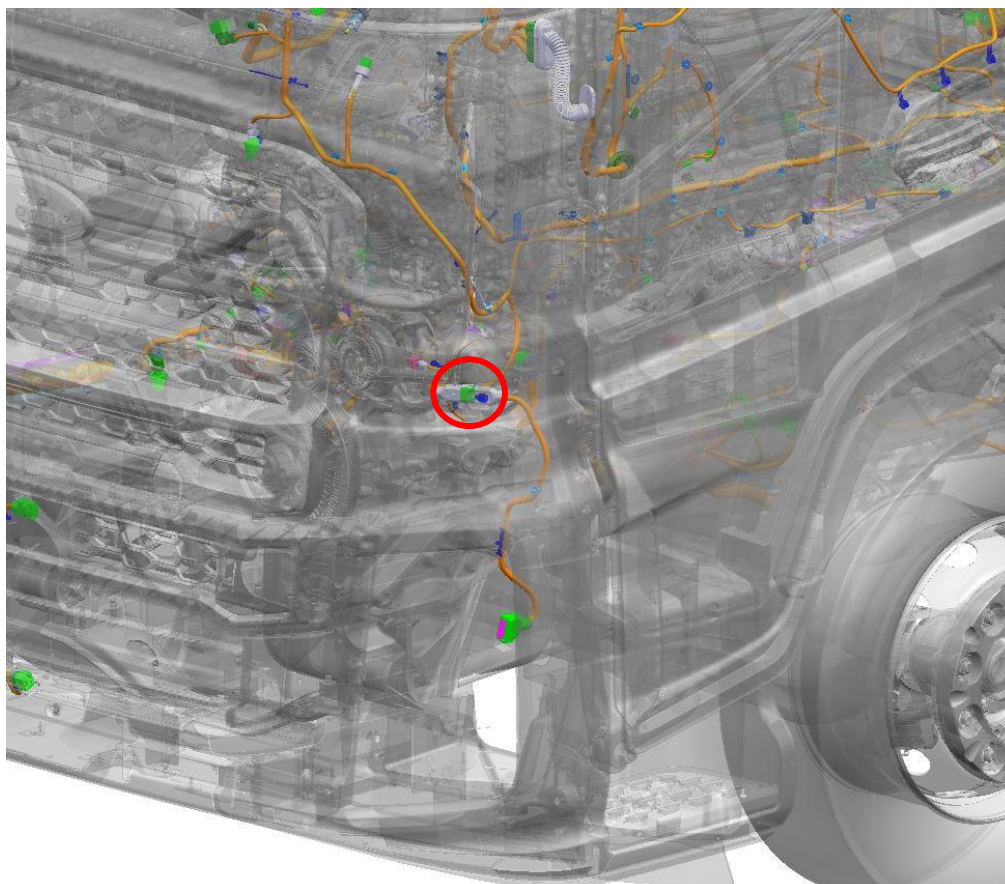


TRUCKS

13B711 Cab lift, wet type webasto wiring - 13B712 Passenger side cab internal wiring: C11-S

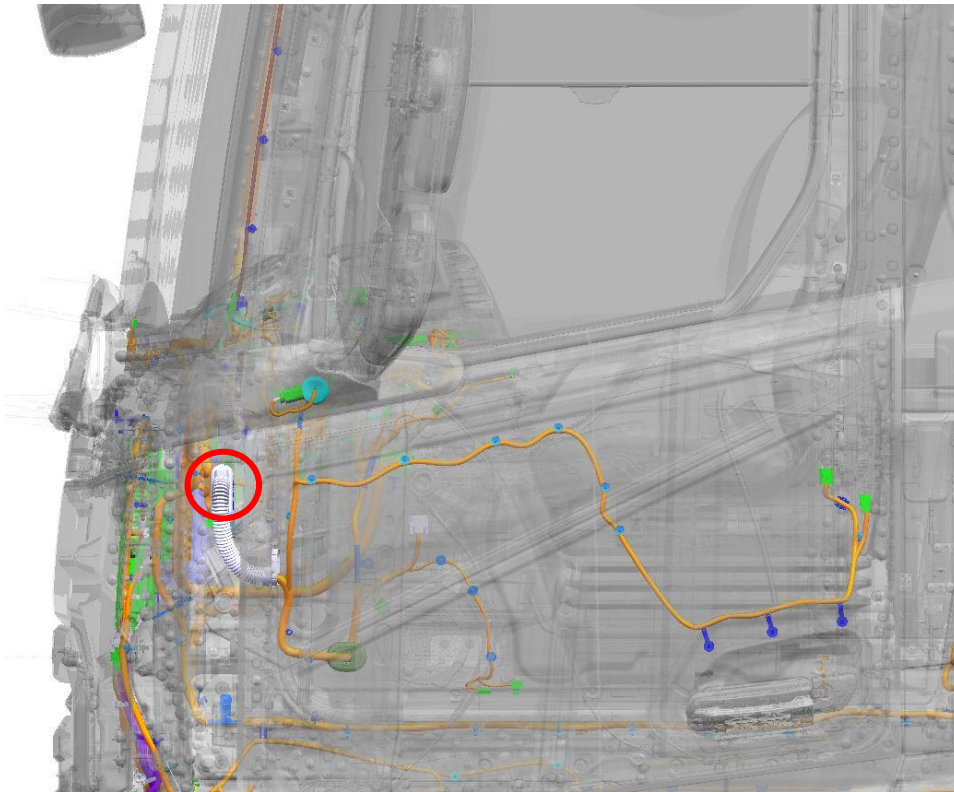


13N052 Bumper wiring (LH) - 14B242 Cab internal wiring from driver side to passenger side: C11-N

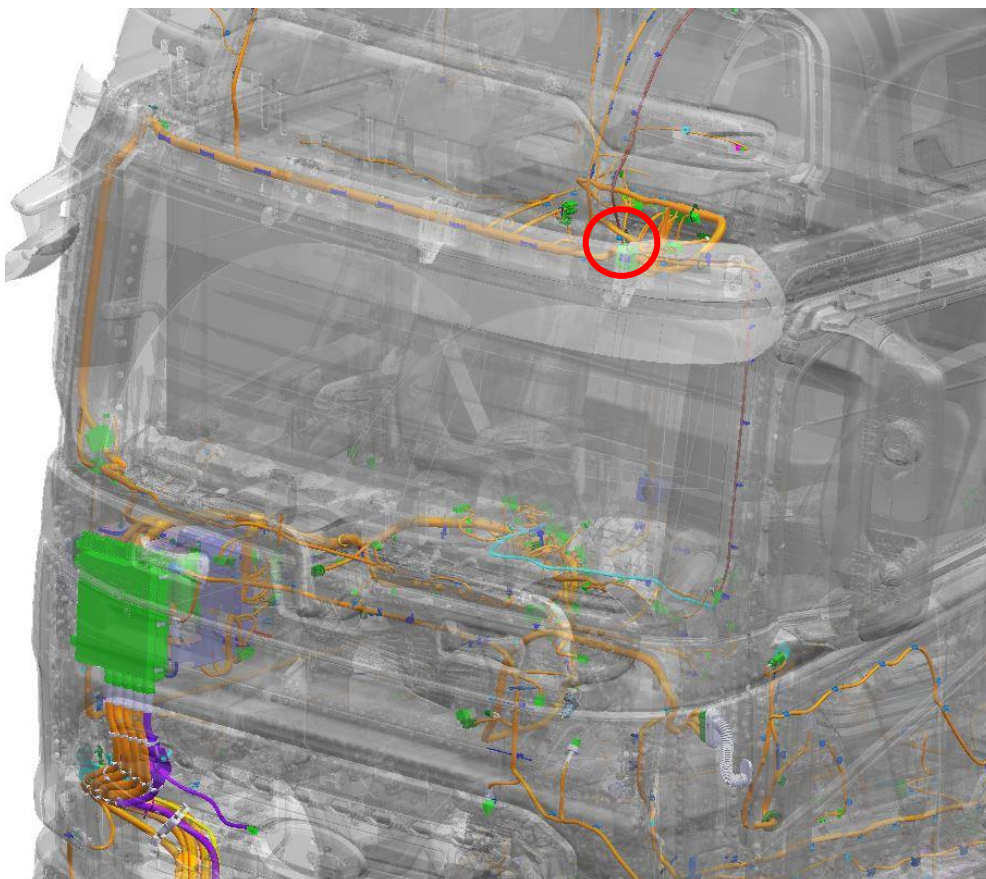


TRUCKS

14A584 Door internal wiring-LH- 14A005 Driver side cab internal wiring: C35-A - C35-B - C35-C



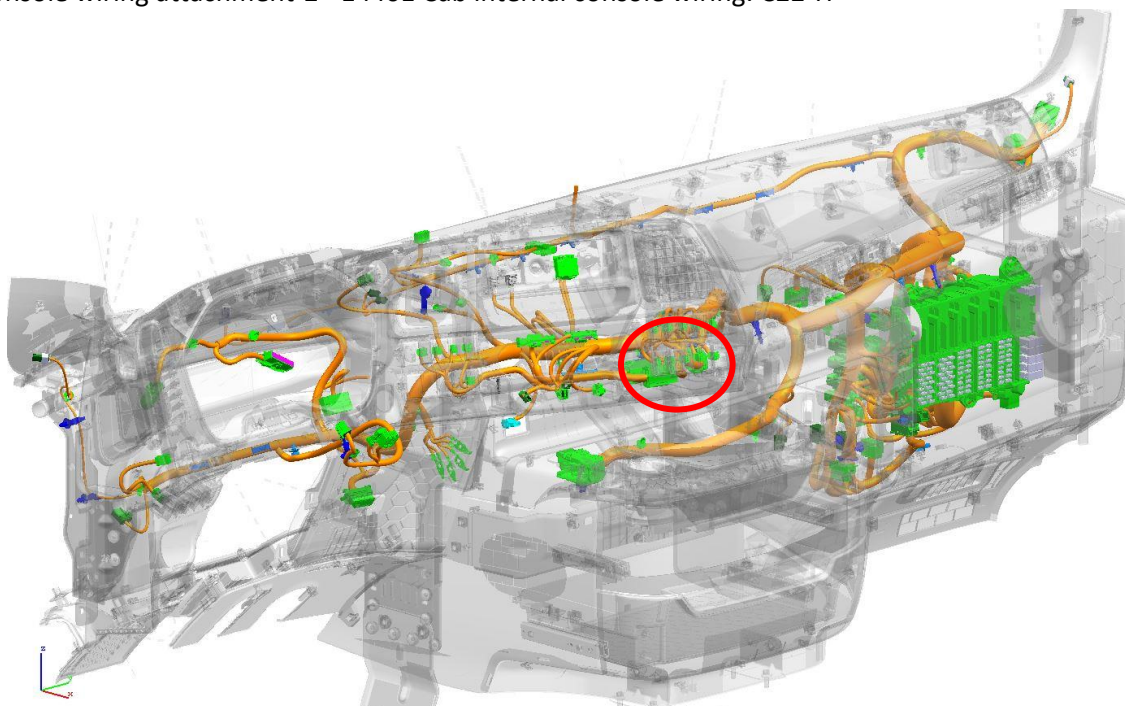
15A404 Roof Wiring - 15B594 Driver side roof wiring: C99-A



TRUCKS

14A320 Console wiring attachment-1 (LH) - 14401 Cab internal console wiring: C22-C – C22-D

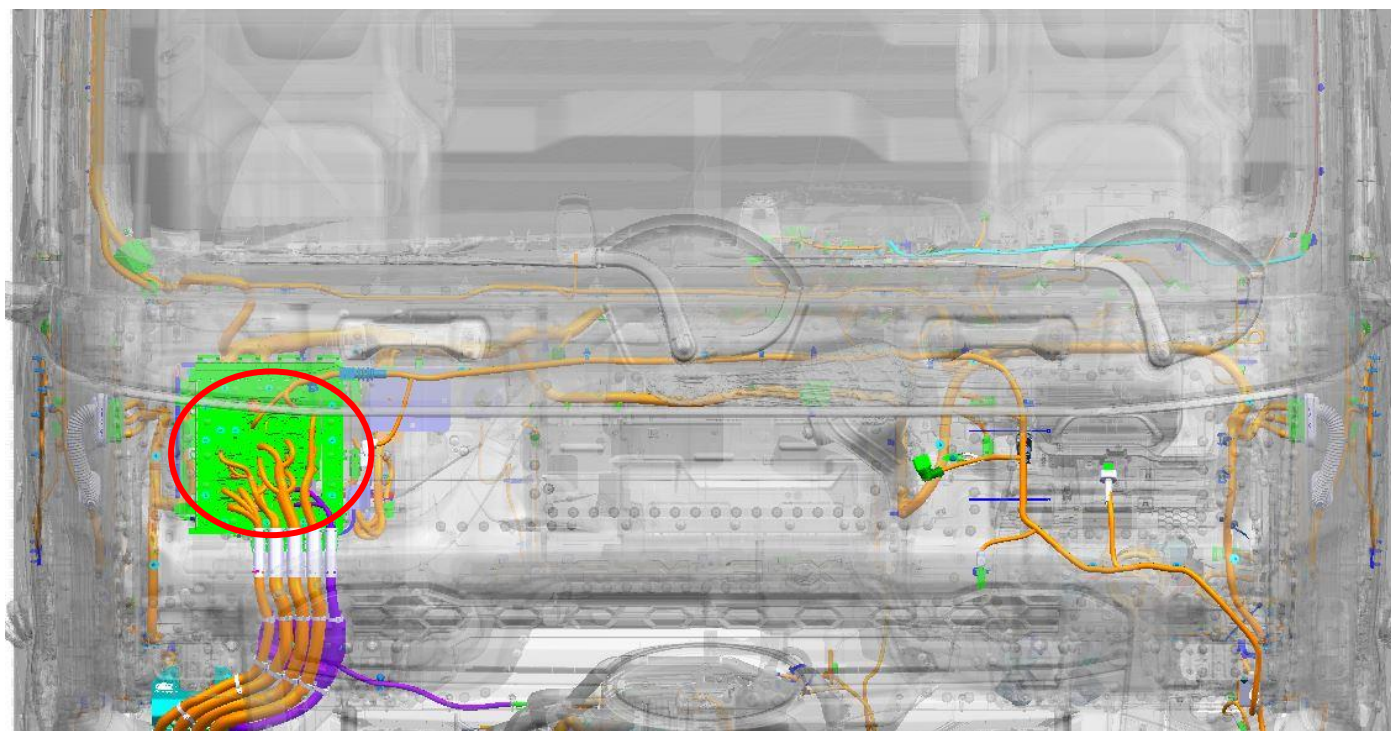
19C603 Console wiring attachment-2 - 14401 Cab internal console wiring: C22-H


BulkHead Inliner Connectors:

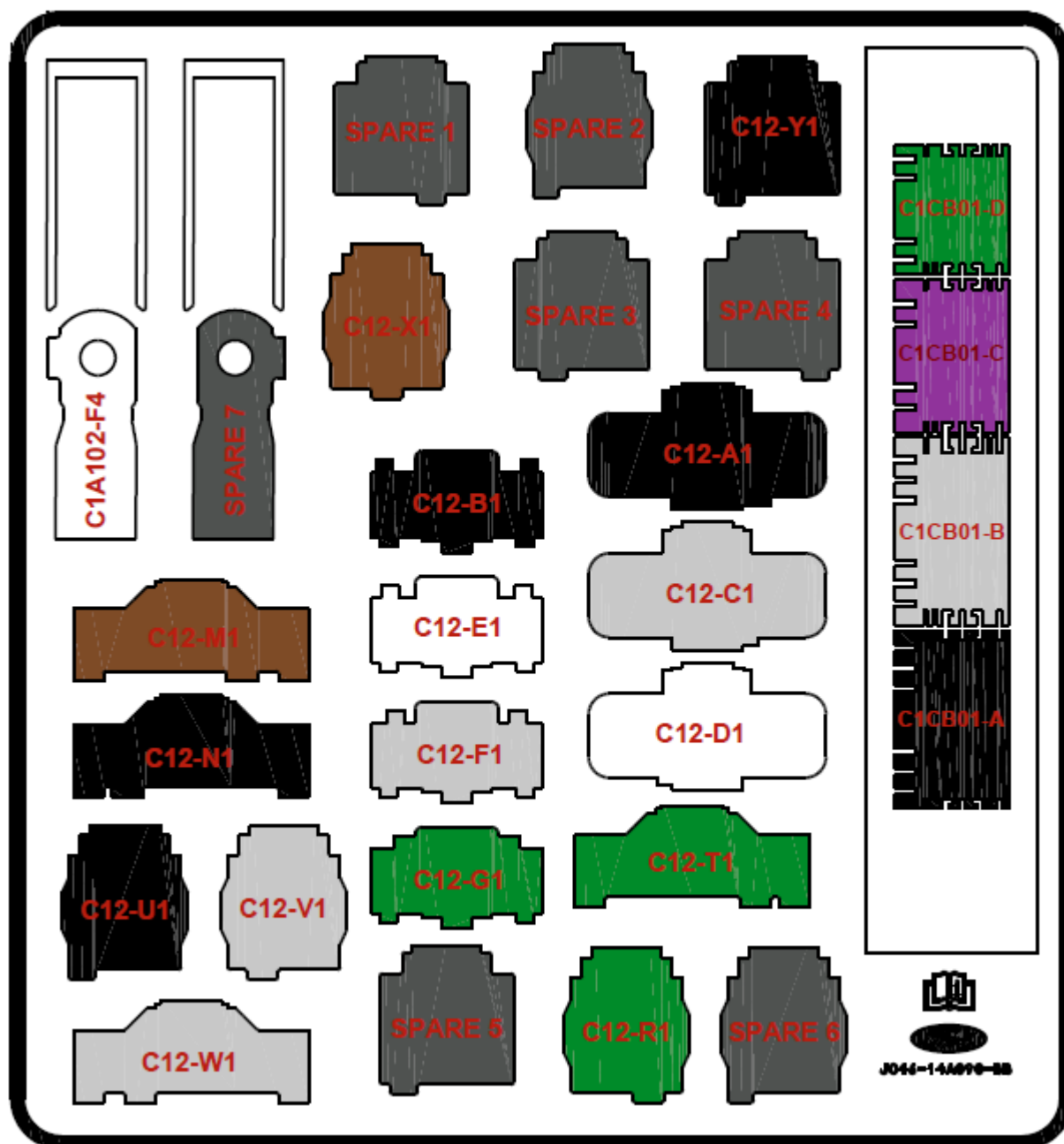
13B712 Passenger side cab internal wiring - BulkHead - 14401 Cab internal console wiring: C12-U - C12-V - C12-W

14398 BCU (Main) Wiring - Bulkhead - 14401 Cab internal console wiring:

C12-A / C12-B / C12-C / C12-D / C12-E / C12-F / C12-G / C12-M / C12-N

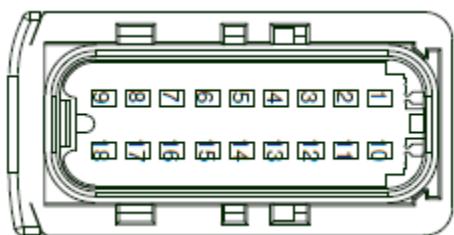


TRUCKS

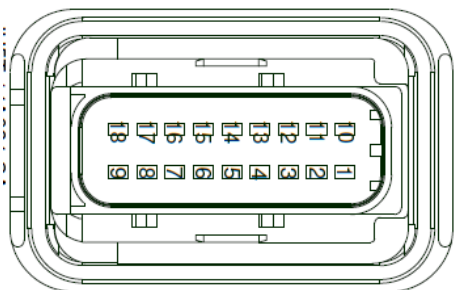


TRUCKS

Inliner connector descriptions:

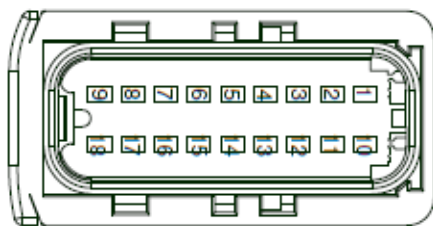


Connector Code	C11-A1	
Connector Description	TO 12A690-1	
Pin Layout	Wire Thickness	Wiring Colour
1	1.5	BLACK/BLUE
3	0.75	GREEN/BLUE
4	0.75	WHITE/GREEN
5	0.75	YELLOW/PURPLE
6	0.75	PURPLE/GREY
7	0.75	GREEN/PURPLE
9	0.75	BLACK/GREEN
10	0.75	PURPLE/WHITE
11	0.75	ORANGE/BLUE
12	0.75	GREEN/WHITE

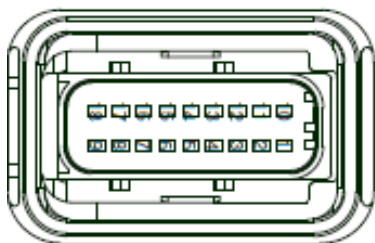


Connector Code	C11-A2	
Connector Description	14398 (1)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75-1.5	BLACK/GREEN
3	0.75	GREEN/BLUE
4	0.75	WHITE/GREEN
5	0.75	YELLOW/PURPLE
6	0.75	PURPLE/GREY
7	0.75	GREEN/PURPLE
10	1	PURPLE/WHITE
11	0.75	PURPLE/WHITE
12	0.75	GREEN/WHITE
17	0.75	WHITE/PURPLE
18	0.75	WHITE/ORANGE

TRUCKS

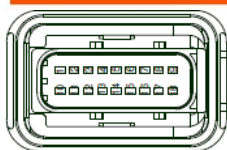


Connector Code	C11-B1	
Connector Description	TO 12A690-2	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/ORANGE
2	0.75	PURPLE/ORANGE
3	0.75	GREY
4	0.75	WHITE
5	0.75	PURPLE/WHITE
6	0.75	BROWN/GREEN
7	0.75	BROWN/GREEN
11	0.75	GREY/BROWN
12	0.75	BLUE/GREY
15	0.75	GREY/PURPLE
16	0.75	GREEN/ORANGE
17	0.75	PURPLE
18	0.75	WHITE/PURPLE



Connector Code	C11-B2	
Connector Description	14398 (2)	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/ORANGE
2	0.75	PURPLE/ORANGE
3	0.75	GREY
4	0.75	WHITE
5	0.75	PURPLE/WHITE
6	0.75	BROWN/GREEN
7	0.75	BLUE/GREEN
11	0.75	GREY/BROWN
12	0.75	BLUE/GREEN
15	1	GREY/PURPLE
16	0.75	GREEN/ORANGE
17	0.75	PURPLE
18	0.75	WHITE/PURPLE

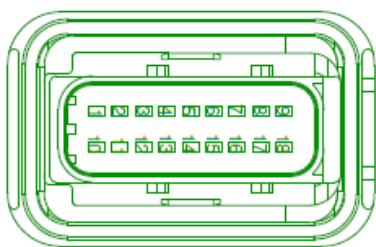
TRUCKS



Connector Code	C11-D1	
Connector Description	TO 14D378	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BROWN/GREEN
2	0.75	WHITE/GREEN GREY/ORANGE
3	0.75	GREEN/BLUE BLUE/GREY
4	0.75	BLACK/GREEN
5	1.5	BROWN/BLUE
6	1	PURPLE
7	1.5	BLUE/ORANGE
8	1	BROWN
9	0.75	GREEN/PURPLE
10	0.75	WHITE/ORANGE
11	0.75	GREY/BLUE
12	0.75	GREEN/BROWN
13	0.75	GREEN/PURPLE
14	1.5	YELLOW/GREY
15	0.75	WHITE/BLUE
16	0.75	GREEN/BLUE
17	0.75	GREEN
18	1.5	BROWN/BLUE

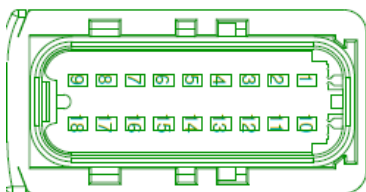
Connector Code	C11-D2	
Connector Description	TO 14398	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BROWN/GREEN
2	0.75	WHITE/GREEN GREY/ORANGE
3	0.75	GREEN/BLUE BLUE/GREY
4	0.75	BLACK/GREEN
5	1.5	BROWN/BLUE
6	1	PURPLE
7	1.5	BLUE/ORANGE
8	1	BROWN
9	0.75	GREEN/PURPLE
10	0.75	WHITE/ORANGE
11	0.75	GREY/BLUE
12	0.75	GREEN/BROWN
13	0.75	GREEN/PURPLE
14	1.5	YELLOW/GREY
15	0.75	WHITE/BLUE
16	0.75	GREEN/BLUE
17	0.75	GREEN
18	1.5	BROWN/BLUE

TRUCKS



Connector Code	C11-G1	
Connector Description	TO 9L430	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/PURPLE
2	0.75	GREY/PURPLE
3	0.75	BROWN/PURPLE
4	0.75	GREY/PURPLE
5	0.75	GREEN/ORANGE
6	0.75	GREY/BLUE
7	0.75	GREEN/ORANGE
8	0.75	GREY/BLUE
9	0.75	YELLOW/ORANGE
10	1	YELLOW/GREY
11	0.75	GREEN
14	0.75	YELLOW/ORANGE
15	0.75	GREEN/WHITE
16	0.75	WHITE/BLUE
17	0.75	BROWN
18	1.5	BLACK/GREEN

TRUCKS



Connector Code	C11-G2	
Connector Description	14398 INLINER	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/PURPLE
2	0.75	GREEN/WHITE
3	0.75	BROWN/PURPLE
4	0.75	GREY/ORANGE
5	0.75	GREY/ORANGE
6	0.75	GREEN/BLUE
7	0.75	GREY/ORANGE
8	0.75	GREEN/BLUE
9	0.75	YELLOW/ORANGE
10	1	YELLOW/GREY
11	0.75	GREEN
14	0.75	YELLOW/ORANGE
15	0.75	GREEN/WHITE
16	0.75	WHITE/BLUE
17	0.75	BROWN
18	1.5	YELLOW/GREY

TRUCKS



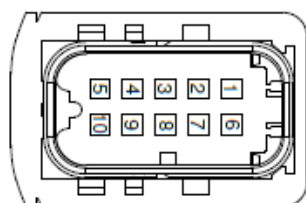
Connector Code	C11-H1	
Connector Description	HEAD CONNECTOR TO 12A690	
Pin Layout	Wire Thickness	Wiring Colour
1	1.5	GREEN/BLUE
2	1.5	YELLOW/BLUE
3	1.5	GREY/YELLOW
4	1.5	YELLOW/ORANGE
5	1.5	PURPLE/GREY
6	1.5	GREEN/PURPLE
7	1.5	BLUE/ORANGE
8	1.5	BLUE
9	1.5	BROWN
10	1.5	WHITE/GREEN
11	1.5	GREEN/WHITE
12	1.5	BROWN/PURPLE
13	1	WHITE
14	1	GREY/BLUE
15	1	PURPLE
16	1	GREY

Connector Code	C11-H2	
Connector Description	HEAD CONNECTOR TO 9H589	
Pin Layout	Wire Thickness	Wiring Colour
1	1.5	GREEN/BLUE
2	1.5	YELLOW/BLUE
3	1.5	GREY/YELLOW
4	1.5	YELLOW/ORANGE
5	1.5	PURPLE/GREY
6	1.5	GREEN/PURPLE
7	1.5	BLUE/ORANGE
8	1.5	BLUE
9	1.5	BROWN
10	1.5	WHITE/GREEN
11	1.5	GREEN/WHITE
12	1.5	BROWN/PURPLE
13	1.5	WHITE
14	1.5	GREY/BLUE
15	0.75	PURPLE
16	0.75	GREY

TRUCKS

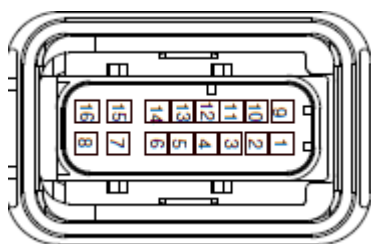
TBD

Connector Code	C11-K1	
Connector Description	TO 14K039	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/ORANGE
2	0.75	GREEN/ORANGE
3	0.75	BLACK/GREEN
4	2.5	BLACK/PURPLE
5	2.5	BLACK/PURPLE
6	0.75	GREY/BLUE
7	0.75	GREY/BLUE
9	2.5	BLACK/PURPLE
10	2.5	BLACK/PURPLE

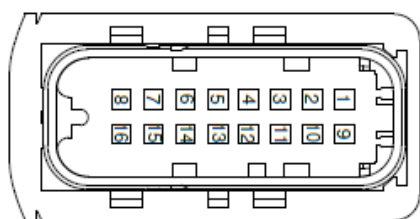


Connector Code	C11-K2	
Connector Description	14398	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/ORANGE
2	0.75	GREEN/ORANGE
3	0.75	BLACK/WHITE
4	0.75	BLACK/PURPLE
5	2.5	BLACK/PURPLE
6	0.75	GREY/BLUE
7	0.75	GREY/BLUE
9	2.5	BLACK/PURPLE
10	2.5	BLACK/PURPLE

TRUCKS

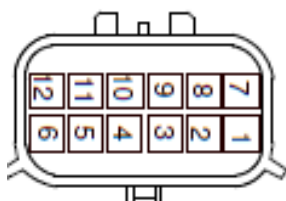


Connector Code	C11-L1	
Connector Description	TO 14K039 INLINE-1	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/ORANGE
2	0.75	GREY/BUE
3	0.75	GREEN/ORANGE
4	0.75	GREY/BUE
5	0.75	GREY/PURPLE
6	0.75	BLACK/WHITE
7	2.5	BLACK/PURPLE
8	2.5	BLACK/PURPLE



Connector Code	C11-L2	
Connector Description	15A808	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/ORANGE
2	0.75	GREY/BUE
3	0.75	GREEN/ORANGE
4	0.75	GREY/BUE
5	0.75	GREY/PURPLE
6	0.75	BLACK/WHITE
7	2.5	BLACK/PURPLE
8	2.5	BLACK/PURPLE

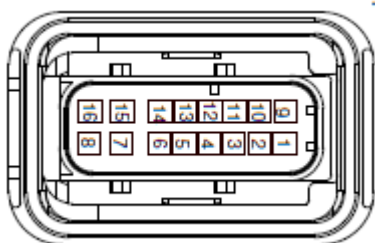
TRUCKS



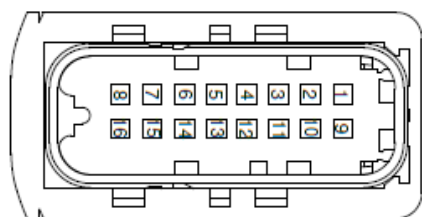
Connector Code	C11-M1	
Connector Description	13B712	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLUE/WHITE
2	0.75	PURPLE/ORANGE
3	0.75	BLUE/GREEN
4	0.75	GREY/BLUE
5	0.75	GREY/YELLOW
6	0.75	BLUE/GREEN
7	0.75	BLACK/PURPLE
8	0.75	GREY/BROWN
9	0.75	BROWN/GREEN

Connector Code	C11-M2	
Connector Description	13N052	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLUE/WHITE
2	0.75	PURPLE/ORANGE
3	0.75	BLUE/GREEN
4	0.75	GREY/BLUE
5	0.75	GREY/YELLOW
6	0.75	BLUE/GREEN
7	0.75	BLACK/PURPLE
8	0.75	GREY/BROWN
9	0.75	BROWN/GREEN

TRUCKS

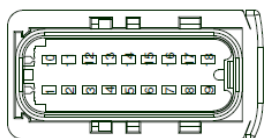


Connector Code	C11-P1	
Connector Description	TO 14K039 INLINE-2	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLUE/GREY
2	0.75	YELLOW/BLUE
3	0.75	BROWN/WHITE
4	0.75	BLUE/GREY
14	0.75	YELLOW/BLUE
15	2.5	WHITE/RED

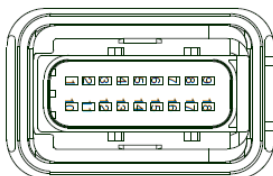


Connector Code	C11-P2	
Connector Description	15A808	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLUE/GREY
2	0.75	YELLOW/BLUE
3	0.75	BROWN/WHITE
4	0.75	BLUE
14	0.75	YELLOW/BLUE
15	0.75	WHITE/RED

TRUCKS

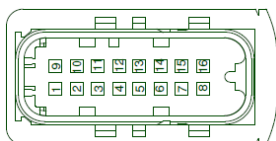


Connector Code	C11-R1	
Connector Description	13B767	
Pin Layout	Wire Thickness	Wiring Colour
6	0.75	BLACK/BLUE
7	0.75	GREEN/ORANGE
8	0.75	GREY/BLUE
9	0.75	PURPLE/GREY
10	0.75	GREY/BLUE
11	0.75	BROWN/BLUE
12	0.75	WHITE/BROWN
13	0.75	BLUE/WHITE
14	0.75	BLACK/GREY
15	0.75	GREEN/ORANGE
16	0.75	GREY/BLUE
17	0.75	WHITE/BROWN

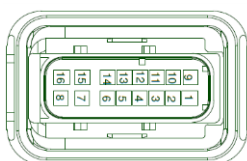


Connector Code	C11-R2	
Connector Description	13B712	
Pin Layout	Wire Thickness	Wiring Colour
6	0.75	BLACK/BLUE
7	0.75	GREEN/ORANGE
8	0.75	GREY/BLUE
9	0.75	PURPLE/GREY
10	0.75	GREY/BLUE
11	0.75	BROWN/BLUE
12	0.75	WHITE/BROWN
13	0.75	BLUE/WHITE
14	0.75	BLACK/GREY
15	0.75	GREEN/ORANGE
16	0.75	GREY/BLUE
17	0.75	WHITE/BROWN

TRUCKS

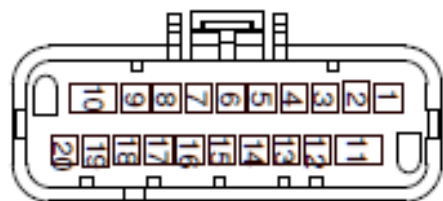


Connector Code	C11-S1	
Connector Description	13B711	
Pin Layout	Wire Thickness	Wiring Colour
2	0.75	PURPLE/BROWN
3	0.75	BROWN/PURPLE
4	0.75	YELLOW
5	0.75	GREEN/ORANGE
6	0.75	ORANGE/BLUE
7	2.5	BLUE/RED
8	2.5	BLACK/GREY
10	0.75	BLUE/BROWN
11	0.75	BROWN/WHITE
12	0.75	ORANGE/BLACK
13	0.75	ORANGE/GREY
15	0.75	ORANGE
16	0.75	ORANGE/YELLOW



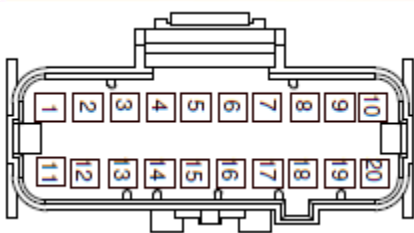
Connector Code	C11-S2	
Connector Description	13B712	
Pin Layout	Wire Thickness	Wiring Colour
2	0.75	PURPLE/BROWN
3	0.75	BROWN/PURPLE
4	0.75	YELLOW
5	0.75	GREEN/ORANGE
6	0.75	ORANGE/BLUE
7	2.5	BLUE/RED
8	2.5	BLACK/GREY
10	0.75	BLUE/BROWN
11	0.75	BROWN/WHITE
12	0.75	ORANGE/BLACK
13	0.75	ORANGE/GREY
15	0.75	ORANGE
16	0.75	ORANGE/YELLOW

TRUCKS



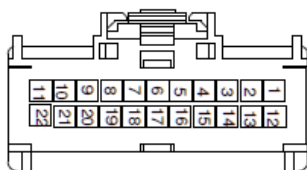
Connector Code	C12-A1	
Connector Description	TO 14401	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	YELLOW/GREY
3	0.75	GREY/PURPLE
4	0.75	WHITE/PURPLE
5	0.75	BROWN
6	0.75	BLUE/WHITE
8	0.75	BROWN/GREEN
9	0.75	GREY/PURPLE
10	1.5	GREEN/RED
11	4	BLACK/BLUE
12	0.75	ORANGE/YELLOW
13	0.75	ORANGE/BLUE
14	1.5	WHITE
15	1.5	BLUE/GREY
16	1.5	YELLOW
17	1.5	GREEN
18	0.75	GREEN/ORANGE
19	0.75	BROWN/BLUE
20	1.5	BLUE

TRUCKS

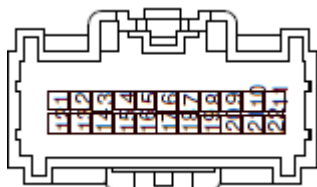


Connector Code	C12-A2	
Connector Description	TO 14398 INLINER-01	
Pin Layout	Wire Thickness	Wiring Colour
1	0.5	YELLOW/GREY
3	0.5	GREY/PURPLE
4	0.5	WHITE/PURPLE
5	0.75	BROWN
6	0.75	BLUE/WHITE
8	0.75	BROWN/GREEN
9	0.75	GREY/PURPLE
10	1.5	GREY/RED
11	4	BLACK/BLUE
12	0.75	ORANGE/YELLOW
13	0.75	ORANGE/BLUE
14	0.5	WHITE/PURPLE
15	1.5	RED
16	1.5	YELLOW
17	1.5	GREEN
18	0.75	GREEN/ORANGE
19	0.75	BROWN/BLUE
20	1.5	GREEN/WHITE

TRUCKS

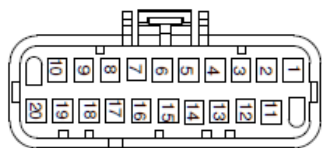


Connector Code	C12-B1	
Connector Description	TO 14401	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BROWN/GREEN
2	0.75	BROWN/BLUE
3	0.75	YELLOW/BLUE
4	0.75	GREEN/ORANGE
5	0.75	YELLOW/ORANGE
6	0.75	ORANGE
11	0.75	GREEN/WHITE
12	0.75	GREY/RED
14	0.75	WHITE/PURPLE
18	0.75	PURPLE/WHITE
19	0.75	PURPLE/GREY
20	0.75	BROWN/YELLOW
21	0.75	GREEN/BLUE
22	0.75	WHITE/GREEN

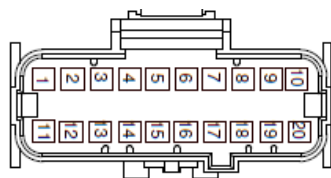


Connector Code	C12-B2	
Connector Description	TO 14398 INLINER-02	
Pin Layout	Wire Thickness	Wiring Colour
1	0.5	BROWN/GREEN
2	0.5	BROWN/BLUE
3	0.35	YELLOW/BLUE
4	0.35	GREEN/ORANGE
5	0.75	YELLOW/ORANGE
6	0.75	ORANGE
11	0.75	GREEN/WHITE
12	0.75	GREY/RED
14	0.75	WHITE/PURPLE
18	0.35	PURPLE/WHITE
19	0.5	PURPLE/GREY
20	0.35	BROWN/YELLOW
21	0.75	GREEN/BLUE
22	0.75	WHITE/GREEN

TRUCKS

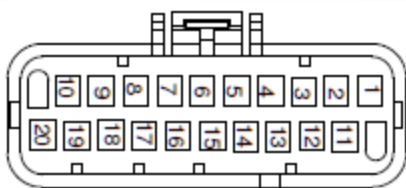


Connector Code	C12-C1	
Connector Description	TO 14401	
Pin Layout	Wire Thickness	Wiring Colour
1	1.5	YELLOW/GREEN
2	1.5	BLACK/PURPLE
3	1.5	GREY/BROWN
4	0.75	ORANGE
5	0.75	BLUE/GREEN
6	0.75	GREEN/PURPLE
7	0.75	ORANGE/YELLOW
10	1.5	PURPLE/RED
11	4	GREY/RED
13	0.75	ORANGE/BLUE
15	0.75	PURPLE/BROWN
16	0.75	ORANGE/BLUE
17	0.75	WHITE/PURPLE
19	1.5	BLUE/WHITE
20	1.5	BLUE/ORANGE

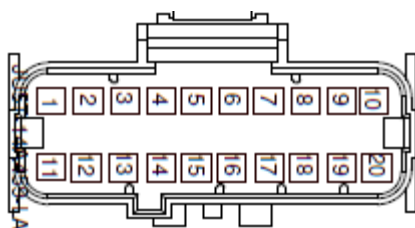


Connector Code	C12-C2	
Connector Description	TO 14398 INLINER-03	
Pin Layout	Wire Thickness	Wiring Colour
1	1.5	YELLOW/GREEN
2	1.5	BLACK/PURPLE
3	1.5	GREY/BROWN
4	0.75	ORANGE
5	0.35	BLUE/GREEN
6	0.5	GREEN/PURPLE
7	0.75	ORANGE/YELLOW
10	2.5	PURPLE/RED
11	4	GREY/RED
13	0.75	ORANGE/BLUE
15	0.5	PURPLE/BROWN
16	0.75	ORANGE/BLUE
17	0.75	WHITE/PURPLE
19	0.75	BLUE/WHITE
20	1.5	BLUE/ORANGE

TRUCKS

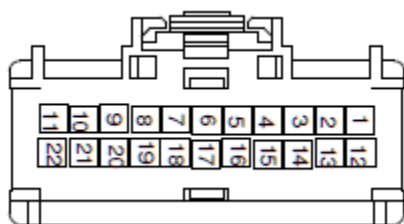


Connector Code	C12-D1	
Connector Description	TO 14401	
Pin Layout	Wire Thickness	Wiring Colour
1	1.5	GREY
2	1.5	BLUE/WHITE
5	0.75	YELLOW/GREEN
6	1.5	BLACK/WHITE
8	1.5	GREEN/PURPLE
9	1.5	BROWN/WHITE
10	2.5	GREEN/BLUE
11	4	RED
12	0.75	BLACK
13	1.5	ORANGE
17	1.5	BLACK
19	0.75	GREEN/BLUE
20	0.75	BROWN/BLUE



Connector Code	C12-D2	
Connector Description	TO 14398 INLINER-04	
Pin Layout	Wire Thickness	Wiring Colour
1	1.5	GREY
2	1.5	BLUE/WHITE
5	0.75	YELLOW/GREEN
6	1.5	BLACK/WHITE
8	1.5	GREEN/WHITE
9	1.5	BROWN/WHITE
10	2.5	GREEN/BLUE
11	4	WHITE/RED
12	0.75	BROWN/WHITE
13	1.5	ORANGE
17	0.5	BLACK
19	0.5	WHITE/GREEN
20	0.5	BROWN/BLUE

TRUCKS



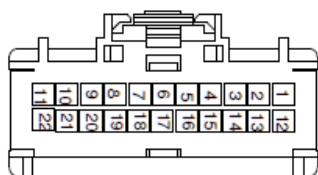
Connector Code	C12-E1	
Connector Description	TO 14401	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/ORANGE
2	0.75	PURPLE
7	0.75	GREEN/BLUE
8	0.75	PURPLE/GREEN
9	0.75	YELLOW/PURPLE
10	0.75	GREY/ORANGE
11	0.75	BLUE
12	0.75	BLUE/WHITE
13	0.75	BLUE
14	0.75	BROWN/GREEN
15	0.75	BLUE
16	0.75	GREEN/BLUE
17	0.75	YELLOW/PURPLE
18	0.75	WHITE/BROWN
19	0.75	YELLOW/GREEN
20	0.75	PURPLE/ORANGE
21	0.75	ORANGE/BLACK
22	0.75	GREY/YELLOW

TRUCKS



Connector Code	C12-E2	
Connector Description	TO 14398 INLINER-05	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/ORANGE
2	0.75	PURPLE
7	0.35	GREEN/BLUE
8	0.35	WHITE/GREEN
9	0.35	YELLOW/PURPLE
10	0.35	GREY/ORANGE
11	0.35	BLUE
12	0.35	BLUE/WHITE
13	0.75	BLUE
14	0.75	BROWN/GREEN
15	0.75	BLUE
16	0.75	GREEN/BLUE
17	0.35	YELLOW/PURPLE
18	0.35	WHITE/BROWN
19	0.35	YELLOW/GREEN
20	0.35	PURPLE/ORANGE
21	0.75	ORANGE/BLACK
22	0.35	GREY/YELLOW

TRUCKS

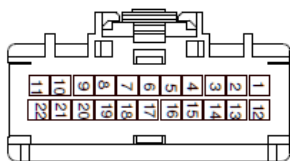


Connector Code	C12-F1	
Connector Description	TO 14401	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREEN/PURPLE
2	0.75	BLUE/WHITE
3	0.75	GREEN/ORANGE
4	0.75	PURPLE/BROWN
6	0.75	WHITE/PURPLE
7	0.75	GREEN/BLUE
12	0.75	BLUE/ORANGE
13	0.75	YELLOW
15	0.75	GREEN/ORANGE
16	0.75	GREY/BLUE
17	0.75	GREEN/WHITE
18	0.75	ORANGE/GREEN
19	0.75	GREEN/ORANGE
21	0.75	BROWN/GREEN

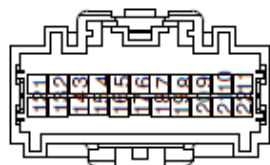


Connector Code	C12-F2	
Connector Description	TO 14398 INLINER-06	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	GREY/PURPLE
2	0.35	BLUE/WHITE
3	0.35	GREEN/ORANGE
4	0.35	PURPLE/BROWN
6	0.75	WHITE/PURPLE
7	0.35	GREEN/BLUE
12	0.35	BLUE/ORANGE
13	0.35	YELLOW
15	0.5	GREEN/ORANGE
16	0.5	GREY/BLUE
17	0.35	GREEN/WHITE
18	0.75	ORANGE/GREEN
19	0.5	GREEN/ORANGE
21	0.35	BROWN/GREEN

TRUCKS



Connector Code	C12-G1	
Connector Description	TO 14401	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY
2	0.75	GREEN/BLUE
5	0.75	WHITE/BROWN
7	0.75	GREY/PURPLE
9	0.75	GREY/PURPLE
13	0.75	BLUE/BROWN
14	0.75	GREY
15	0.75	GREEN/BROWN
16	0.75	PURPLE/WHITE
17	0.75	BROWN/WHITE
18	0.75	BROWN/GREEN
19	0.75	PURPLE/GREEN
20	0.75	BLUE/WHITE
21	0.75	WHITE/BLUE
22	0.75	YELLOW/ORANGE

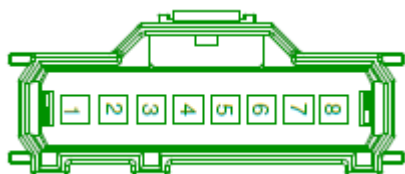


Connector Code	C12-G2	
Connector Description	TO 14398 INLINER-07	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	GREY
2	0.35	GREEN/BLUE
5	0.35	WHITE/BROWN
7	0.5	GREY/PURPLE
9	0.5	GREY/PURPLE
13	0.35	BLUE/BROWN
14	0.35	GREY
15	0.75	GREEN/BROWN
16	0.35	PURPLE/WHITE
17	0.75	BROWN/WHITE
18	0.35	BROWN/GREEN
19	0.35	PURPLE/GREEN
20	0.35	BLUE/WHITE
21	0.35	GREEN/WHITE
22	0.35	YELLOW/ORANGE

TRUCKS



Connector Code	C12-M1	
Connector Description	TO 14401	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	PURPLE
2	0.75	ORANGE/GREEN
3	0.75	ORANGE/BLUE
4	0.75	PURPLE/WHITE
5	0.75	GREEN
8	0.75	GREEN/PURPLE



Connector Code	C12-M2	
Connector Description	TO 14398 INLINER-12	
Pin Layout	Wire Thickness	Wiring Colour
1	0.5	PURPLE
2	0.75	ORANGE/GREEN
3	0.75	ORANGE/BLUE
4	0.5	PURPLE/WHITE
5	0.5	GREEN
8	0.5	GREEN/PURPLE

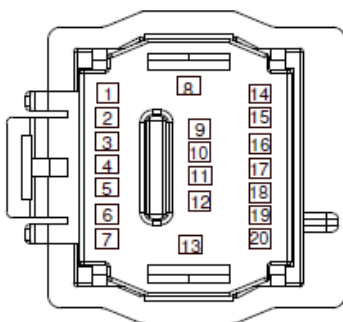


Connector Code	C12-N1	
Connector Description	TO 14401	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	PURPLE/BROWN
2	0.75	WHITE/BLUE
3	0.75	BLUE/ORANGE
4	0.75	GREY

TRUCKS

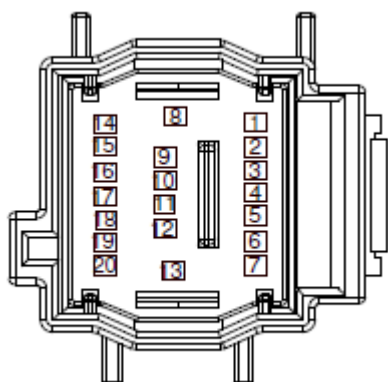


Connector Code	C12-N2	
Connector Description	TO 14398 INLINER-13	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	PURPLE/BROWN
2	0.35	WHITE/BLUE
3	0.35	BLUE/ORANGE
4	0.35	GREY

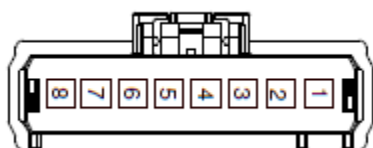


Connector Code	C12-R1	
Connector Description	TO 14401 INLINE	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	PURPLE/GREEN
2	0.75	GREY/PURPLE
5	0.75	PURPLE/WHITE
9	0.75	BLUE/GREY
10	0.75	YELLOW/BLUE
11	0.75	BROWN/WHITE
12	0.75	BLUE
17	0.75	YELLOW/BLUE
18	0.75	GREY/PURPLE

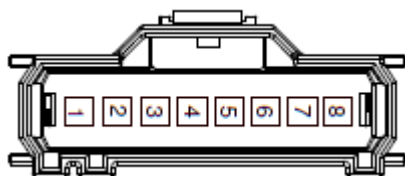
TRUCKS



Connector Code	C12-R2	
Connector Description	TO 15A808 INLINER-01	
Pin Layout	Wire Thickness	Wiring Colour
1	0.5	PURPLE/GREEN
2	0.5	GREY/PURPLE
5	0.35	PURPLE/WHITE
9	0.35	BLUE/GREY
10	0.35	YELLOW/BLUE
11	0.35	BROWN/WHITE
12	0.35	BLUE
17	0.75	YELLOW/BLUE
18	0.35	GREY/PURPLE

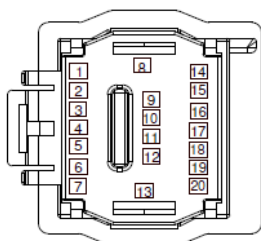


Connector Code	C12-T1	
Connector Description	TO 14401 INLINE	
Pin Layout	Wire Thickness	Wiring Colour
1	2.5	BROWN/RED
2	2.5	RED
3	2.5	PURPLE/BROWN
5	2.5	WHITE/RED



Connector Code	C12-T2	
Connector Description	TO 15A808 INLINER-03	
Pin Layout	Wire Thickness	Wiring Colour
1	1	BROWN/RED
2	2.5	RED
3	0.5	PURPLE/BROWN
5	0.75	WHITE/RED

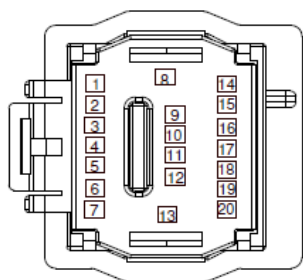
TRUCKS



Connector Code	C12-U1	
Connector Description	14401	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	PURPLE/GREY
2	0.75	BLUE/WHITE
3	0.75	BROWN/GREEN
4	0.75	PURPLE/ORANGE
5	0.75	BLUE/GREEN
6	0.75	GREY/GREEN
7	0.75	BROWN/PURPLE
9	0.75	GREY/YELLOW
10	0.75	BLUE/GREEN
11	0.75	BLUE/WHITE
12	0.75	GREEN/BROWN
14	0.75	BROWN/BLUE
15	0.75	GREY/BLUE
16	0.75	GREY/BROWN
18	0.75	GREEN/ORANGE
19	0.75	GREY/BLUE
20	0.75	WHITE/BROWN

Connector Code	C12-U2	
Connector Description	TO 13B712 INLINER-01	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	PURPLE/GREY
2	0.75	BLUE/WHITE
3	0.75	BROWN/GREEN
4	0.75	PURPLE/ORANGE
5	0.75	BLUE/GREEN
6	0.75	GREY/BLUE
7	0.35	BROWN/PURPLE
9	0.35	GREY/YELLOW
10	0.75	BLUE/GREEN
11	0.75	BLUE/WHITE
12	0.35	GREEN/BROWN
14	0.5	BROWN/BLUE
15	0.5	GREY/BLUE
16	0.75	GREY/BROWN
18	0.5	GREEN/ORANGE
19	0.5	GREY/BLUE
20	0.75	WHITE/BROWN

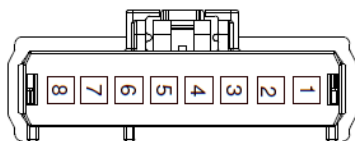
TRUCKS



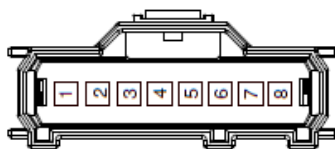
Connector Code	C12-V1	
Connector Description	14401	
Pin Layout	Wire Thickness	Wiring Colour
2	0.75	BLACK/BLUE
4	0.75	BROWN/WHITE
6	0.75	WHITE/BROWN
7	0.75	BLUE/BROWN
9	0.75	GREEN/ORANGE
10	0.75	GREY/BLUE
11	0.75	PURPLE/BROWN
12	0.75	YELLOW
13	0.75	ORANGE
14	0.75	ORANGE/YELLOW
15	0.75	ORANGE/BLUE
17	0.75	ORANGE/BLACK
18	0.75	ORANGE/GREY
20	0.75	GREY/BROWN

Connector Code	C12-V2	
Connector Description	TO 13B712 INLINER-02	
Pin Layout	Wire Thickness	Wiring Colour
2	0.75	BLACK/BLUE
4	0.75	BROWN/WHITE
6	0.75	WHITE/BROWN
7	0.75	BLUE/BROWN
9	0.5	GREEN/ORANGE
10	0.5	GREY/BLUE
11	0.75	PURPLE/BROWN
12	0.75	YELLOW
13	0.75	ORANGE
14	0.75	ORANGE/YELLOW
15	0.75	ORANGE/BLUE
17	0.75	ORANGE/BLACK
18	0.75	ORANGE/GREY
20	0.5	GREY/BROWN

TRUCKS

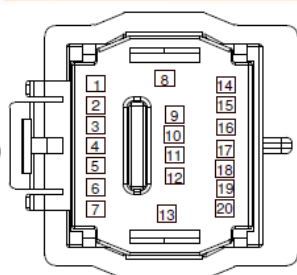


Connector Code	C12-W1	
Connector Description	14401	
Pin Layout	Wire Thickness	Wiring Colour
1	4	ORANGE/BLUE
2	2.5	BLUE/RED
3	2.5	BLACK/PURPLE
4	4	BLACK/BLUE
6	0.75	GREEN/ORANGE
8	4	BLACK/GREY



Connector Code	C12-W2	
Connector Description	TO 13B712 INLINER-03	
Pin Layout	Wire Thickness	Wiring Colour
1	4	ORANGE/BLUE
2	2.5	BLUE/RED
3	2.5	BLACK/PURPLE
4	4	BLACK/BLUE
6	0.75	GREEN/ORANGE
8	4	BLACK/GREY

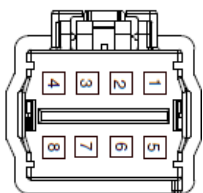
TRUCKS



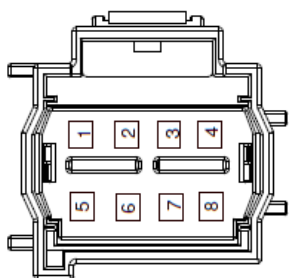
Connector Code	C12-X1	
Connector Description	14401	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	ORANGE/GREY
2	0.75	BLUE/WHITE
3	0.75	GREEN/BLUE
4	0.75	PURPLE/ORANGE
5	0.75	BROWN/BLUE
6	0.75	GREY/BLUE
9	0.75	BROWN
10	0.75	BLUE/GREY
11	0.75	GREEN/BROWN
13	0.75	GREY/YELLOW
14	0.75	BLUE
15	0.75	GREY/ORANGE
16	0.75	YELLOW/PURPLE
17	0.75	WHITE/GREEN
18	0.75	GREEN/BLUE
19	0.75	ORANGE/BLACK
20	0.75	GREY/BROWN

Connector Code	C12-X2	
Connector Description	TO 14B242 INLINER-01	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	ORANGE/GREY
2	0.75	BLUE/WHITE
3	0.75	GREEN/BLUE
4	0.75	PURPLE/ORANGE
5	0.75	BROWN/BLUE
6	0.75	GREY/BLUE
9	0.75	BROWN/BLUE
10	0.75	BLUE/GREY
11	0.35	GREEN/BROWN
13	0.35	GREY/YELLOW
14	0.35	BLUE
15	0.35	GREY/ORANGE
16	0.35	YELLOW/PURPLE
17	0.35	WHITE/GREEN
18	0.35	GREEN/BLUE
19	0.75	ORANGE/BLACK
20	0.5	GREY/BROWN

TRUCKS



Connector Code	C12-Y1	
Connector Description	14401	
Pin Layout	Wire Thickness	Wiring Colour
2	1.5	GREEN/BLUE
3	1.5	GREEN/PURPLE
4	0.75	GREY

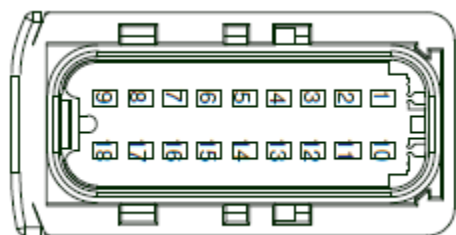


Connector Code	C12-Y2	
Connector Description	TO 14B242 INLINER-02	
Pin Layout	Wire Thickness	Wiring Colour
2	1.5	GREEN/BLUE
3	1.5	GREEN/PURPLE
4	0.75	GREY

TBD

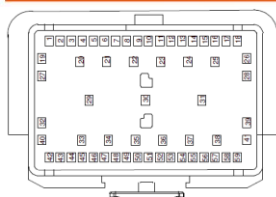
Connector Code	C14-A1_3	
Connector Description	TO 14405	
Pin Layout	Wire Thickness	Wiring Colour
2	1.5	GREY/BROWN
3	0.75	BROWN/GREEN
4	1.5	BLUE
5	0.75	BLUE
6	0.75	BLUE
7	0.75	GREEN/BLUE
8	0.75	BLUE/WHITE
9	0.75	ORANGE/BLUE
10	0.75	ORANGE/GREEN
11	0.75	GREEN
12	0.75	PURPLE
14	0.75	PURPLE/WHITE

TRUCKS



Connector Code	C14-A2	
Connector Description	TO 14398 INLINE	
Pin Layout	Wire Thickness	Wiring Colour
2	1	GREY/BROWN
3	0.75	BROWN/GREEN
4	0.75	BLUE
5	0.75	BLUE
6	0.75	BLUE
7	0.75	GREEN/BLUE
8	0.75	BROWN
10	0.75	ORANGE/GREEN
11	0.75	GREEN
12	0.75	PURPLE
14	0.75	PURPLE/WHITE

TRUCKS



Connector Code **C22-A1**

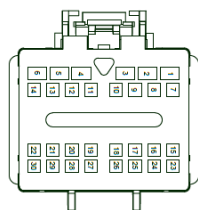
Connector Code	C22-A1	
Connector Description	TO 14401	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	WHITE/GREEN
2	0.75	BROWN/YELLOW
3	0.75	BROWN/WHITE
4	0.75	BROWN/BLUE
5	0.35	BLUE/WHITE
6	0.35	ORANGE/YELLOW
7	0.35	GREY/ORANGE
8	0.35	GREY/BLUE
9	0.35	GREY
10	0.75	GREEN/ORANGE
11	0.5	GREEN/BLUE
12	0.75	ORANGE/GREY
13	0.75	ORANGE/BLACK
14	0.5	GREEN/ORANGE
15	0.5	GREY/BLUE
16	0.75	BLACK/PURPLE
17	0.75	BLACK/PURPLE
18	0.75	BLACK/BLUE
19	0.75	BLACK/WHITE
20	1.5	BROWN
21	0.5	PURPLE/BROWN
22	2.5	GREY/YELLOW
23	2.5	BROWN/RED
24	2.5	RED
25	0.75	PURPLE/GREY
26	0.5	BLACK/BLUE
27	0.35	BLUE/BROWN
28	0.5	BLACK/BLUE
29	1.5	PURPLE/RED
31	1.5	YELLOW/GREEN
32	0.5	GREEN/ORANGE
33	1.5	PURPLE/ORANGE
35	2.5	GREY/YELLOW
37	1.5	BLACK/PURPLE
39	0.75	YELLOW/RED
40	0.5	GREY/BLUE
41	0.35	PURPLE
42	0.75	RED
43	0.75	PURPLE/GREY
44	0.35	BLUE/GREY
45	0.35	YELLOW/BLUE
46	0.35	BROWN/WHITE
47	0.35	BLUE
48	0.75	PURPLE/RED
49	0.5	GREY/RED
50	0.35	BLUE/BROWN
51	0.35	PURPLE/BROWN
52	0.35	YELLOW/ORANGE
53	0.75	PURPLE
54	0.5	YELLOW/ORANGE
55	0.5	PURPLE/BROWN
56	0.5	WHITE/GREEN
57	0.5	WHITE/BROWN
58	0.35	BLUE
59	0.35	ORANGE/BLUE



TRUCKS

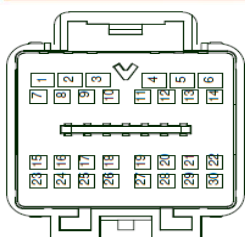
Connector Code	C22-A2	
Connector Description	TO 15A404 INLINER-01	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	WHITE/GREEN
2	0.75	BROWN/YELLOW
3	0.75	BROWN/WHITE
4	0.75	BROWN/BLUE
5	0.35	BLUE/WHITE
6	0.75	GREEN/BLUE
7	0.35	GREY/ORANGE
8	0.35	GREY/BLUE
9	0.35	GREY
10	0.75	GREEN/ORANGE
11	0.5	GREEN/BLUE
12	0.75	ORANGE/GREY
13	0.75	ORANGE/BLACK
14	0.5	GREEN/ORANGE
15	0.5	GREY/BLUE
16	0.75	BLACK/PURPLE
17	0.75	BLACK/PURPLE
18	0.75	BLACK/BLUE
19	0.75	BLACK/WHITE
20	0.75	BROWN
21	0.5	PURPLE/BROWN
22	2.5	GREY/YELLOW
23	2.5	BROWN/RED
24	2.5	RED
25	0.75	PURPLE/GREY
26	0.5	BLACK/BLUE
27	0.35	BLUE/BROWN
28	0.75	BLACK/BLUE
29	2.5	PURPLE/RED
31	2.5	YELLOW/GREEN
32	0.5	GREEN/ORANGE
33	1.5	PURPLE/ORANGE
35	2.5	GREY/YELLOW
37	1.5	BLACK/PURPLE
39	0.75	YELLOW/RED
40	0.5	GREY/BLUE
41	0.35	PURPLE
42	0.75	RED
43	0.75	PURPLE/GREY
44	0.35	BLUE/GREY
45	0.35	YELLOW/BLUE
46	0.35	BROWN/WHITE
47	0.35	BLUE
48	0.75	PURPLE/RED
49	0.5	GREY/RED
50	0.35	BLUE/BROWN
51	0.35	PURPLE/BROWN
52	0.35	YELLOW/ORANGE
53	0.75	PURPLE
54	0.5	YELLOW/ORANGE
55	0.5	PURPLE/BROWN
56	0.5	WHITE/GREEN
57	0.75	WHITE/BROWN
58	0.35	BLUE
59	0.35	ORANGE/BLUE

TRUCKS



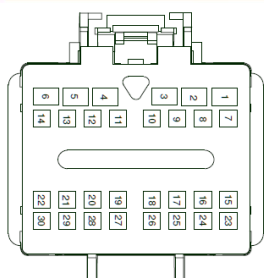
Connector Code	C22-C1	
Connector Description	14401	
Pin Layout	Wire Thickness	Wiring Colour
2	0.35	YELLOW/GREEN
3	0.35	PURPLE/ORANGE
4	0.35	BLACK/BLUE
5	0.35	BROWN/BLUE
6	0.35	GREY/BLUE
7	0.35	BLUE
8	0.35	GREY/YELLOW
9	0.35	ORANGE
10	0.35	ORANGE/YELLOW
12	0.35	PURPLE
14	0.35	GREEN/BROWN
15	0.35	BLUE/BROWN
16	0.35	BLUE/ORANGE
17	0.35	BLUE/ORANGE
18	0.35	WHITE/GREEN
19	0.35	GREY/PURPLE
20	0.35	ORANGE/GREY
21	0.35	GREEN/ORANGE
22	0.35	GREEN/WHITE
23	0.35	GREY/BROWN

TRUCKS



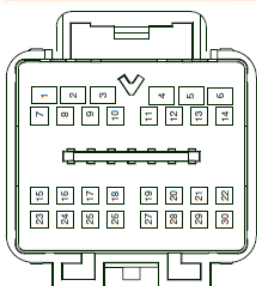
Connector Code	C22-C2	
Connector Description	TO 14A320-BA	
Pin Layout	Wire Thickness	Wiring Colour
2	0.35	YELLOW/GREEN
3	0.35	PURPLE/ORANGE
4	0.35	BLACK/BLUE
5	0.35	BLACK/BLUE
6	0.35	GREY/BLUE
7	0.35	BLUE
8	0.35	GREY/YELLOW
9	0.35	ORANGE
10	0.35	ORANGE/YELLOW
12	0.35	PURPLE
14	0.35	GREEN/BROWN
15	0.35	BLUE/BROWN
16	0.35	BROWN/GREEN
17	0.35	BLUE/ORANGE
18	0.35	WHITE/GREEN
19	0.35	GREY/PURPLE
20	0.35	ORANGE/GREY
21	0.35	GREEN/ORANGE
22	0.35	GREEN/WHITE
23	0.35	GREY/BROWN

TRUCKS



Connector Code	C22-F1	
Connector Description	TO 14401 2	
Pin Layout	Wire Thickness	Wiring Colour
1	1	GREEN/RED
2	1	YELLOW/GREEN
4	0.5	ORANGE/GREEN
5	0.5	YELLOW/GREY
6	0.5	WHITE/BROWN
7	0.35	BROWN/PURPLE
8	0.35	WHITE/GREEN
9	0.75	YELLOW/RED
10	0.35	ORANGE/BLACK
11	0.35	BLACK
12	0.75	PURPLE/WHITE
13	0.75	WHITE/BROWN
15	0.35	SCRN
16	0.22	ORANGE/GREY
17	0.35	ORANGE/WHITE
18	0.22	ORANGE/BLACK
19	0.35	ORANGE/WHITE
20	0.22	ORANGE
21	0.35	ORANGE/YELLOW
22	0.22	ORANGE/GREEN
23	0.35	ORANGE/BLACK
24	0.35	ORANGE/GREY
25	0.35	ORANGE/WHITE
26	0.35	ORANGE/BLACK
27	0.5	BROWN/GREEN
28	0.5	BROWN/BLUE
29	0.5	BROWN/GREEN
30	0.5	BROWN/BLUE

TRUCKS



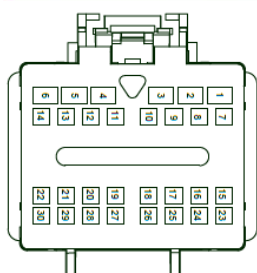
Connector Code	C22-F2	
Connector Description	TO 15A404 INLINER-02	
Pin Layout	Wire Thickness	Wiring Colour
1	1	GREEN/RED
2	1	YELLOW/GREEN
4	0.5	ORANGE/GREEN
5	0.5	YELLOW/GREY
6	0.5	WHITE/BROWN
7	0.35	BROWN/PURPLE
8	0.35	WHITE/GREEN
9	0.75	YELLOW/RED
10	0.35	ORANGE/BLACK
11	0.35	SCRN
12	0.75	PURPLE/WHITE
13	0.75	WHITE/BROWN
15	0.35	SCRN
16	0.35	ORANGE/GREY
17	0.35	ORANGE/WHITE
18	0.35	ORANGE/BLACK
19	0.35	ORANGE/WHITE
20	0.35	ORANGE
21	0.35	ORANGE/YELLOW
22	0.35	ORANGE/GREEN
23	0.35	ORANGE/BLACK
24	0.35	ORANGE/GREY
25	0.35	ORANGE/WHITE
26	0.35	ORANGE/BLACK
27	0.5	BROWN/GREEN
28	0.5	BROWN/BLUE
29	0.5	BROWN/GREEN
30	0.5	BROWN/BLUE

TRUCKS



Connector Code	C22-H1	
Connector Description	TO 19C603	
Pin Layout	Wire Thickness	Wiring Colour
1	1	GREY/YELLOW
3	0.35	GREY/BLUE
4	1	BLACK/WHITE
5	0.35	BLUE/BROWN
6	0.75	BLACK/WHITE
7	0.35	BROWN/WHITE
8	0.35	BLUE/WHITE
9	0.35	YELLOW/ORANGE
10	0.5	GREY/ORANGE
11	0.5	PURPLE/ORANGE
12	0.35	PURPLE/BROWN
13	0.35	GREEN/BROWN
16	0.35	PURPLE/GREY
17	0.35	YELLOW/ORANGE
18	0.35	BLUE/GREEN
19	0.35	GREEN/PURPLE
21	0.35	GREEN/BLUE
22	0.35	WHITE/BLUE
23	0.35	GREY
24	0.35	BLUE/GREY
25	0.35	GREEN/ORANGE
26	0.35	WHITE
27	0.35	WHITE/PURPLE
28	0.35	PURPLE/BROWN
29	0.35	WHITE

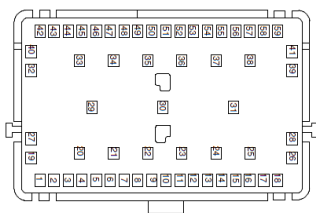
TRUCKS



Connector Code	C22-H2	
Connector Description	TO 14401	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/YELLOW
3	0.35	GREY/BLUE
4	0.75	BLACK/WHITE
5	0.35	BLUE/BROWN
6	0.75	YELLOW/GREEN
7	0.35	BROWN/WHITE
8	0.35	BLUE/WHITE
9	0.35	YELLOW/ORANGE
10	0.5	GREY/ORANGE
11	0.5	PURPLE/ORANGE
12	0.35	PURPLE/BROWN
13	0.35	GREEN/BROWN
16	0.35	PURPLE/GREY
17	0.35	YELLOW/ORANGE
18	0.35	BLUE/GREEN
19	0.35	GREEN/PURPLE
21	0.35	GREEN/BLUE
22	0.35	WHITE/BLUE
23	0.35	GREY
24	0.35	BLUE/GREY
25	0.35	GREEN/ORANGE
26	0.35	WHITE
27	0.75	WHITE/PURPLE
28	0.35	PURPLE/BROWN
29	0.35	WHITE



TRUCKS

Connector Code **C33-A1**

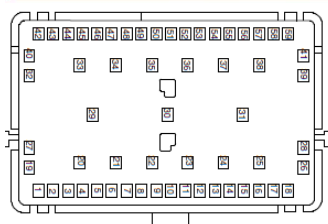
Connector Code	C33-A1	
Connector Description	14401	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	PURPLE/GREY
2	0.75	GREY/YELLOW
3	0.35	GREEN/PURPLE
4	0.75	WHITE/BROWN
5	0.75	BLUE/BROWN
6	0.35	YELLOW/BLUE
7	0.35	BLUE/WHITE
8	0.5	BLUE/WHITE
9	0.35	ORANGE
10	0.75	BLACK/WHITE
11	0.35	GREEN/BROWN
12	0.35	YELLOW/BLUE
13	0.35	YELLOW/ORANGE
14	0.35	PURPLE/GREEN
15	0.35	GREEN/ORANGE
16	0.35	BLUE/WHITE
17	0.35	GREEN/WHITE
18	0.35	GREEN/WHITE
19	0.75	BLACK/YELLOW
20	1.5	BLUE
21	1.5	GREEN
22	0.75	GREY
23	0.75	WHITE
24	0.75	BROWN/BLUE
25	0.75	BROWN/RED
26	0.75	BLACK/GREY
27	0.35	YELLOW/GREY
28	0.75	BLACK/WHITE
29	0.25	BROWN
30	0.25	BROWN/RED
32	0.75	PURPLE/RED
33	0.75	ORANGE/BLUE
34	0.75	YELLOW
35	0.75	WHITE/BROWN
36	0.75	WHITE
37	0.75	WHITE/BROWN
38	0.75	WHITE
39	0.75	BLACK/BLUE
40	0.75	BLUE
41	0.75	BROWN/YELLOW
42	0.35	BLUE/ORANGE
43	0.75	BLACK/WHITE
44	0.75	BROWN/PURPLE
45	0.5	RED
46	0.35	BROWN/GREEN
47	0.35	PURPLE/WHITE
48	0.35	GREEN/PURPLE
49	0.35	BROWN/WHITE
54	0.75	YELLOW/GREY
55	0.75	GREY/BROWN
56	0.75	YELLOW/GREY
57	0.75	WHITE/BROWN
58	0.75	YELLOW/GREY
59	0.75	WHITE/BROWN



TRUCKS

Connector Code	C33-A2	
Connector Description	TO 14A005 INLINER	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	PURPLE/GREY
2	0.75	GREY/YELLOW GREEN/PURPLE
3	0.35	GREEN/PURPLE
4	0.75	WHITE/BROWN
5	0.75	BLUE/BROWN
6	0.35	YELLOW/BLUE
7	0.35	BLUE/WHITE
8	0.5	BLUE/WHITE
9	0.35	ORANGE
10	0.75	BLACK/WHITE
11	0.35	GREEN/BROWN
12	0.35	YELLOW/BLUE
13	0.35	YELLOW/ORANGE
14	0.35	PURPLE/GREEN
15	0.35	GREEN/ORANGE
16	0.35	BLUE/WHITE
17	0.35	GREEN/WHITE
18	0.35	GREEN/WHITE
19	0.75	BLACK/YELLOW
20	1.5	BLUE
21	1.5	GREEN
22	0.75	GREY
23	0.75	WHITE
24	0.75	BROWN/BLUE
25	0.5	BLUE/BROWN
26	0.75	BLACK/GREY
27	0.75	YELLOW/GREY
28	0.75	BLACK/WHITE
29	2.5	BROWN
30	2.5	BROWN/RED
32	0.75	PURPLE/RED
33	0.75	ORANGE/BLUE
34	0.75	YELLOW
35	0.75	WHITE/BROWN
36	0.75	WHITE
37	0.75	WHITE/BROWN
38	0.75	WHITE
39	0.75	BLACK/BLUE
40	0.75	BLUE
41	0.75	BROWN/YELLOW
42	0.35	BLUE/ORANGE
43	0.75	BLACK/WHITE
44	0.35	BROWN/PURPLE
45	0.5	RED
46	0.35	BROWN/GREEN
47	0.35	PURPLE/WHITE
48	0.35	GREEN/PURPLE
54	0.75	YELLOW/GREY
55	0.75	GREY/YELLOW
56	0.5	YELLOW/GREY
57	0.5	WHITE/BROWN
58	0.5	YELLOW/GREY
59	0.5	WHITE/BROWN

TRUCKS



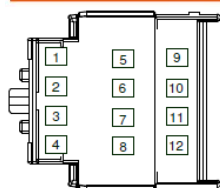
Connector Code	C33-B1	
Connector Description	TO14401	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/YELLOW
2	0.75	PURPLE/GREY
3	0.35	WHITE
4	0.75	WHITE/BROWN
5	0.75	BLUE/BROWN
6	0.35	BLUE/BROWN
7	0.35	WHITE/ORANGE
8	0.35	PURPLE
9	0.35	BLUE/ORANGE
10	0.35	GREEN/WHITE
11	0.35	ORANGE
12	0.75	BLACK/WHITE
13	0.35	ORANGE/BLUE
14	0.35	BLUE
15	0.35	GREEN/BLUE
16	0.75	GREY
17	0.35	GREEN/BROWN
18	0.35	WHITE/BROWN
19	0.35	ORANGE
20	0.75	BLACK/YELLOW
21	0.75	BLUE/WHITE
22	0.75	WHITE
23	1.5	WHITE/BROWN
24	1.5	GREY/YELLOW
26	0.5	GREY/RED
27	0.35	ORANGE/BLACK
28	0.35	ORANGE/WHITE
29	0.75	ORANGE/WHITE
30	0.75	BLACK/WHITE
32	0.75	BLACK/BLUE
33	0.75	WHITE
34	0.75	WHITE/BROWN
35	0.75	WHITE/BROWN
36	0.75	WHITE/GREEN
37	0.75	BROWN
38	0.75	YELLOW/GREEN
39	0.35	YELLOW/GREY
40	0.35	BROWN/GREEN
41	0.35	YELLOW/GREY
42	0.35	PURPLE/BROWN
43	0.35	YELLOW/ORANGE
44	0.35	ORANGE/YELLOW
45	0.75	GREY/BROWN
46	0.35	ORANGE
47	0.75	YELLOW/GREY



TRUCKS

Connector Code	C33-B2	
Connector Description	TO 14014 INLINER	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/YELLOW
2	0.75	PURPLE/GREY
3	0.35	WHITE
4	0.75	WHITE/BROWN
5	0.75	BLUE/BROWN
6	0.35	BLUE/BROWN
7	0.35	WHITE/ORANGE
8	0.35	PURPLE/BROWN
9	0.35	BLUE/ORANGE
10	0.35	GREEN/WHITE
11	0.35	ORANGE
12	0.75	BLACK/WHITE
13	0.35	ORANGE/BLUE
14	0.35	BLUE
15	0.35	GREEN/BLUE
16	0.75	GREY
17	0.35	GREEN/BROWN
18	0.35	WHITE/BROWN
19	0.35	ORANGE
20	0.75	BLACK/YELLOW
21	0.75	BLUE/WHITE
22	0.75	WHITE
23	1.5	WHITE
24	1.5	GREY/YELLOW
26	0.5	GREY/RED
27	0.35	ORANGE/BLACK
28	0.35	ORANGE/WHITE
29	0.75	BLACK/WHITE
30	0.75	BLACK/WHITE
32	0.75	BLACK/BLUE
33	0.75	WHITE
34	0.75	WHITE/BROWN
35	0.75	WHITE/BROWN
36	0.75	PURPLE/GREEN
37	0.75	BROWN
38	0.75	YELLOW/GREEN
39	0.75	YELLOW/GREY
40	0.35	BROWN/GREEN
41	0.35	YELLOW/GREY
42	0.35	PURPLE/BROWN
43	0.35	YELLOW/ORANGE
44	0.35	ORANGE/YELLOW
45	0.75	GREY/BROWN
46	0.35	ORANGE
47	0.75	YELLOW/GREY

TRUCKS

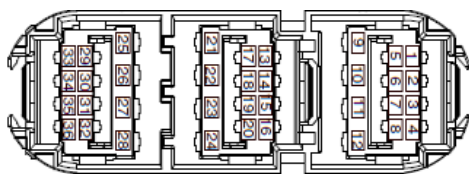


Connector Code	C35-A1	
Connector Description	14A584	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	PURPLE/GREY
2	0.75	GREY/YELLOW
3	0.35	GREEN/PURPLE
4	0.75	WHITE/BROWN
5	0.75	BLUE/BROWN
6	0.35	YELLOW/BLUE
7	0.75	GREY/BROWN
8	0.5	BLUE/WHITE
9	1.5	BLUE
10	1.5	GREEN
11	0.35	ORANGE

Connector Code	C35-B1	
Connector Description	14A584	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK/WHITE
2	0.35	GREEN/BROWN
3	0.75	GREY
4	0.75	BLACK/GREY
5	0.35	YELLOW/GREY
6	0.35	GREEN/WHITE
7	0.75	YELLOW/GREY
8	0.75	WHITE
9	0.75	WHITE/BROWN
10	0.75	WHITE
11	0.75	WHITE/BROWN

Connector Code	C35-C1	
Connector Description	14A584	
Pin Layout	Wire Thickness	Wiring Colour
5	0.75	BLACK/PURPLE
6	0.75	BLACK/BLUE
7	0.75	YELLOW
8	0.75	BROWN/YELLOW
9	0.75	BLUE
10	0.35	BLUE/WHITE
11	0.75	BLACK/WHITE
12	0.75	BLACK/WHITE

TRUCKS



Connector Code	C35-A2	
Connector Description	14A005	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK
2	0.75	BLACK
3	0.35	BLACK
4	0.75	BLACK
5	0.75	BLACK
6	0.35	BLACK
7	0.75	BLACK
8	0.5	BLACK
9	1.5	BLACK
10	1.5	BLACK
11	0.35	BLACK
13	0.75	BLACK
14	0.75	BLACK
15	0.5	BLACK
16	0.75	BLACK
17	0.35	BLACK
18	0.35	BLACK
19	0.75	BLACK
20	0.75	BLACK
21	0.75	BLACK
22	0.75	BLACK
23	0.75	BLACK
25	0.75	BLACK
26	0.75	BLACK
27	0.35	BLACK
28	0.5	BLACK
29	0.5	BLACK
30	0.5	BLACK
31	0.75	BLACK
32	0.75	BLACK

TRUCKS

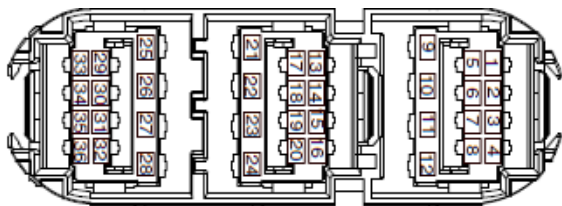


Connector Code	C36-A1	
Connector Description	TO 14K138	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	GREY/YELLOW
2	0.75	PURPLE/GREY
3	0.35	WHITE
4	0.75	WHITE/BROWN
5	0.75	BLUE/BROWN
6	0.35	WHITE/ORANGE
7	0.35	PURPLE
8	0.35	BLUE/ORANGE
9	1.5	WHITE/BROWN
10	1.5	GREY/YELLOW
11	0.35	ORANGE
12	0.75	WHITE

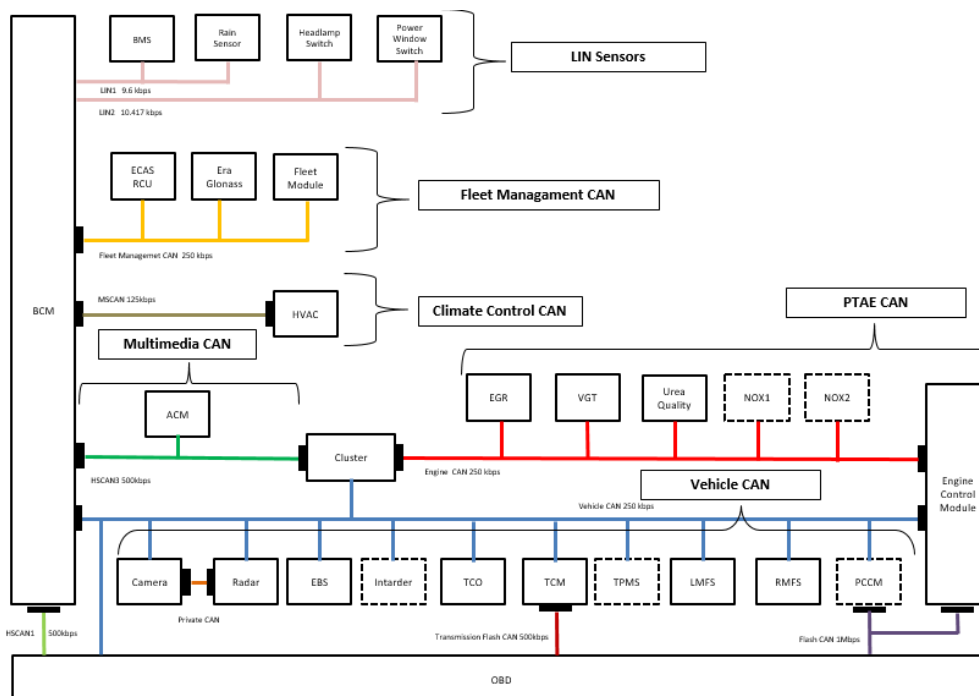
Connector Code	C36-B1	
Connector Description	14K138	
Pin Layout	Wire Thickness	Wiring Colour
1	0.35	GREEN/WHITE
2	0.75	BLACK/WHITE
3	0.75	WHITE/BROWN
4	0.75	GREY
5	0.75	WHITE
6	0.75	WHITE/BROWN
7	0.35	ORANGE
8	0.35	YELLOW/GREY
9	0.75	BLACK/WHITE
10	0.75	BLACK/BLUE
11	0.75	BLACK/WHITE

Connector Code	C36-C1	
Connector Description	TO 14K138	
Pin Layout	Wire Thickness	Wiring Colour
5	0.75	BLACK/YELLOW
6	0.75	PURPLE/GREEN
7	0.75	YELLOW/GREEN
8	0.75	BROWN
9	0.35	ORANGE
10	0.35	GREEN/BROWN
11	0.75	YELLOW/GREY
12	0.75	GREY/BROWN

TRUCKS



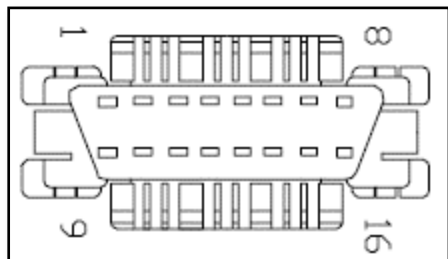
Connector Code	C36-A2	
Connector Description	TO 14014	
Pin Layout	Wire Thickness	Wiring Colour
1	0.75	BLACK
2	0.75	BLACK
3	0.35	BLACK
4	0.75	BLACK
5	0.75	BLACK
6	0.35	BLACK
7	0.35	BLACK
8	0.35	BLACK
9	1.5	BLACK
10	1.5	BLACK
11	0.35	BLACK
12	0.75	BLACK
13	0.35	BLACK
14	0.75	BLACK
15	0.75	BLACK
16	0.75	BLACK
17	0.75	BLACK
18	0.75	BLACK
19	0.35	BLACK
20	0.35	BLACK
21	0.75	BLACK
22	0.75	BLACK
23	0.75	BLACK
25	0.75	BLACK
26	0.75	BLACK
27	0.75	BLACK
28	0.35	BLACK
29	0.75	BLACK
30	0.75	BLACK
31	0.75	BLACK
32	0.75	BLACK

Control Units Data Lines and CAN-Line Control

Onboard modules:

No	Abbreviations	Modul Names	Part No.
1	BCU	Vehicle-Body Control Unit-ECAS	JC46-15K600-A*
2	IC	Instrument Panel	KTJC46-10849-A*
3	HVAC	A/C Control Unit	JC46-18C612-B*
4	PCCM	Cruise Control Module	
5	EBS	Electronic Brake System	GC46-2C405-A*
6	INTARDER	Intarder	
7	AMT	Automatic Transmission Module	GC46-7B193-G*
8	EMS	Engine Management System	GC46-12A650-A*
9	DTCO	Digital Tachograph	GC46-17A266-A*
10	MTCO	Mechanical Tachograph	DC46-17A266-F*
11	TSU	Tachograph Simulation Unit	GC46-17A266-C*
12	TCU	Era-Glonass Module	HC46-14G087-B*
13	TPMS Module	Tire Pressure Display Unit	JC46-1560-A*
14	TPMS Aerial	Tire Pressure Display Aerial	JC46-1A192-A*
15	TPMS Sensor	Tire Pressure Display Sensor	JC46-1A180-A*
16	RADAR	Radar	JC46-9G853-B*
17	CAMERA	Camera	JC46-19H406-A*
18	EAPU	Electronic Air Drying Unit	JC46-2A131-B*
19	ACM1	Multimedia Unit (1 DIN)	JC46-18K931-B*
20	SSL	Multi-function Lever (LH)	JC46-11K661-B*
21	SSR	Shift Selector (RH)	JC46-2D255-B*

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Note: As module levels may vary, make sure to order a compatible final level onboard module when searching over spare parts.

Diagnostics-(OBD) Connector Pin-out:


Colour Codes	
RD	RED
BU	BLUE
YE	YELLOW
GN	GREEN
GY	GREY
BN	BROWN
VT	PURPLE
WH	WHITE
BK	BLACK
OG	ORANGE

Socket Code	C2DB04-A	
Socket Description	DIAGNOSTICS	
Pin Layout	Function	Wiring Colour
1	AMT Flash CAN-H	VT/GN
2	ECM Flash CAN-H	BN/GN
3	BCU-HVAC CAN-L	WH/BU
4	Ground	BK/BU
6	Vehicle CAN CAN-H	GN/OG
9	AMT Flash CAN-L	GY/VT
10	ECM Flash CAN-H	BN/BU
11	BCU-HVAC CAN-L	WH
13		
14	Vehicle CAN CAN-L	GY/BU
15		
16	Battery Power (24V)	BK/BU

CAN line control:

Voltage → between pin # 4 and 16 when ignition on: 24 V

Vehicle CAN: Resistance → between pin # 6 and 14 when ignition off: 60 Ω

EMS CAN: Resistance → between pin # 3 and 11 when ignition off: 120 Ω

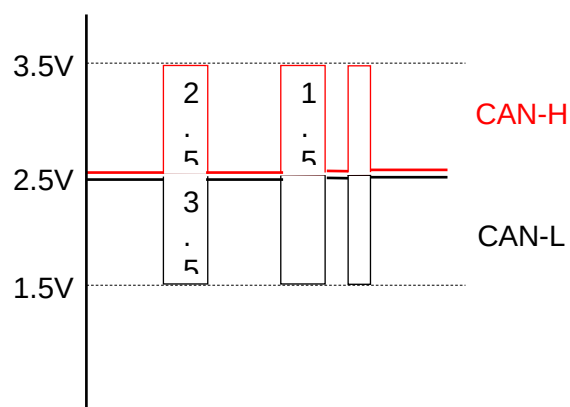
AMT CAN: Resistance → between pin # 1 and 9 when ignition off: 120 Ω

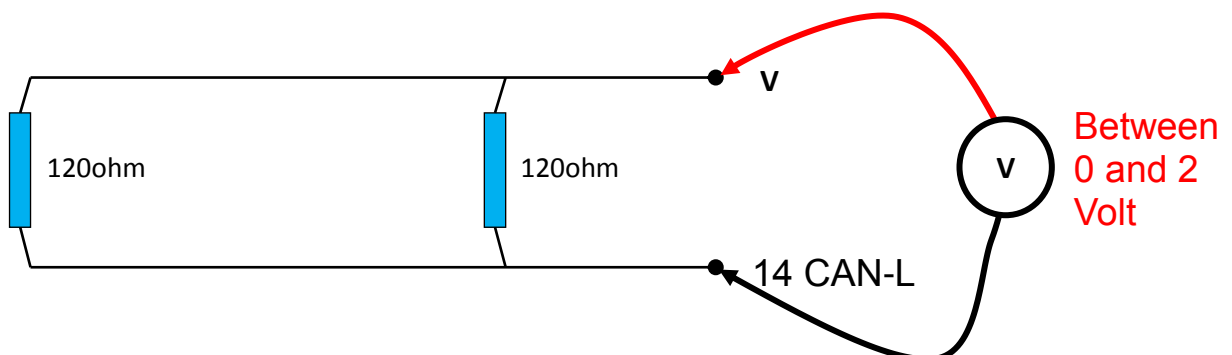
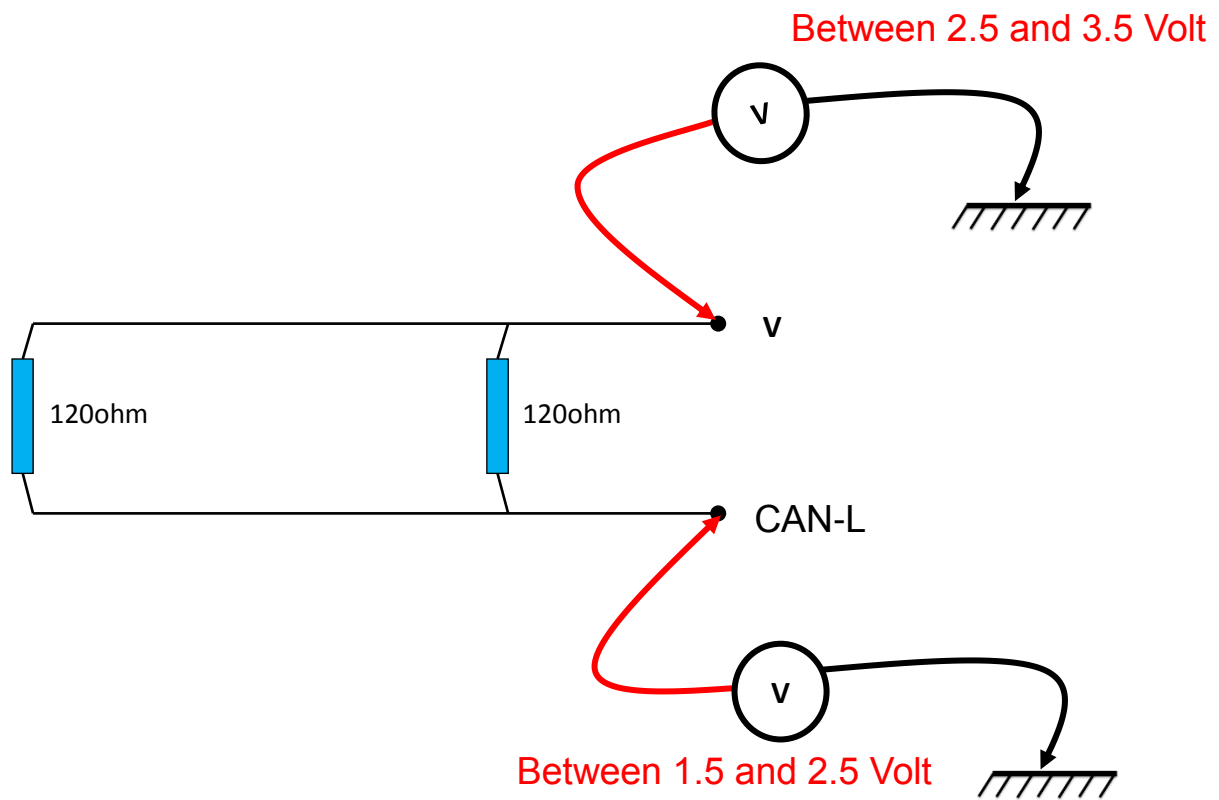
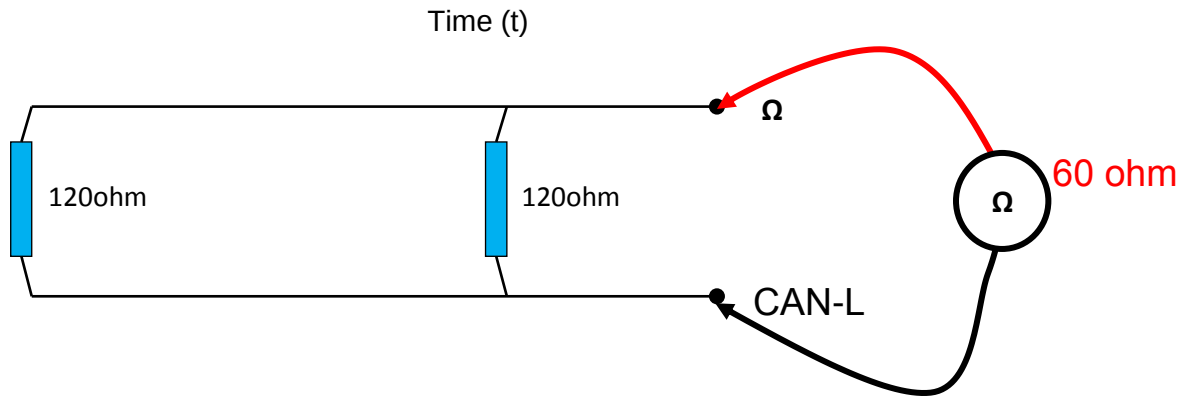
Voltage → between pin # 6 and 4 when ignition on: 2.5-3.5 V

Voltage → between pin # 14 and 4 when ignition on: 1.5-2.5 V

Voltage → between pin # 6 and 14 when ignition on: 0-2 V

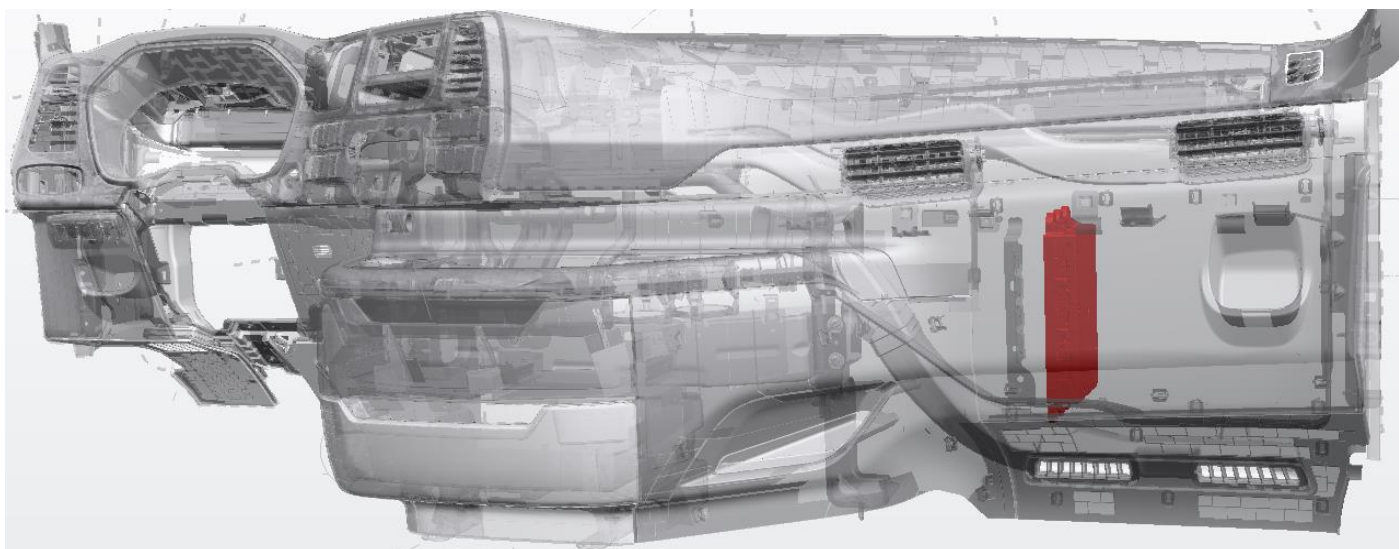
Voltage



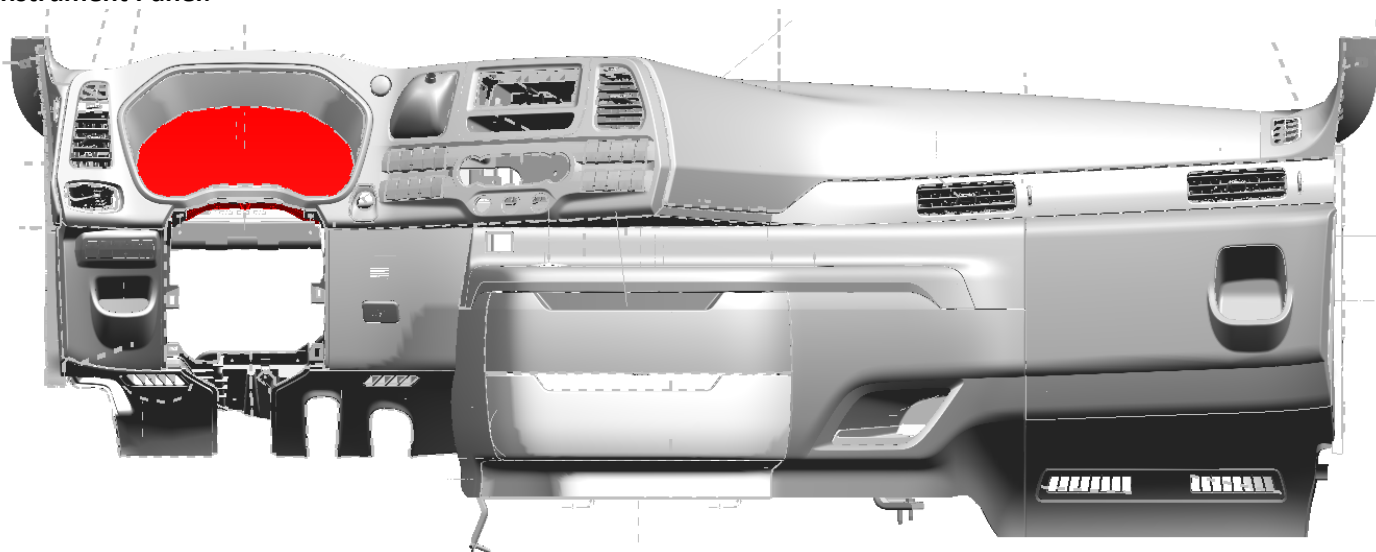


TRUCKS

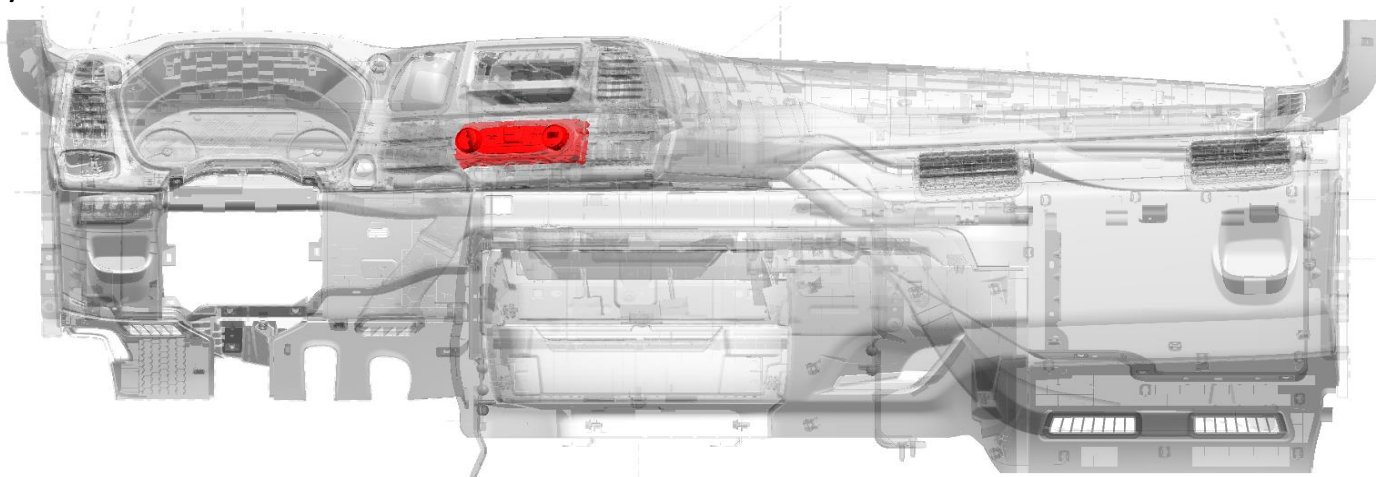
1- BCU & ECAS – Vehicle Body Control Unit:



2- Instrument Panel:

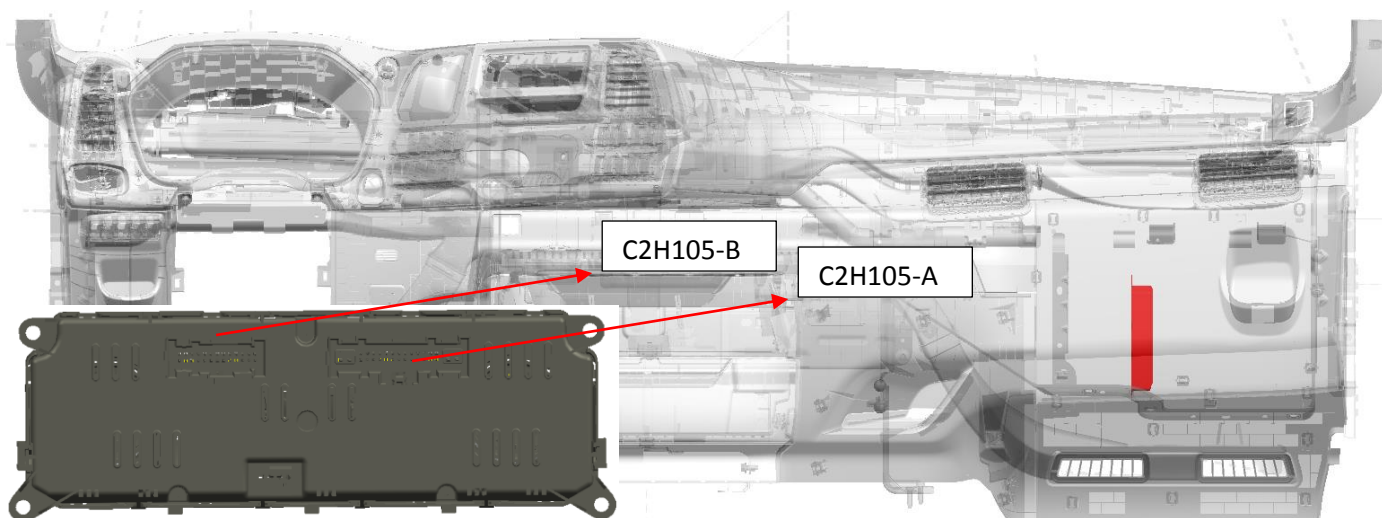


3- A/C Control Unit:

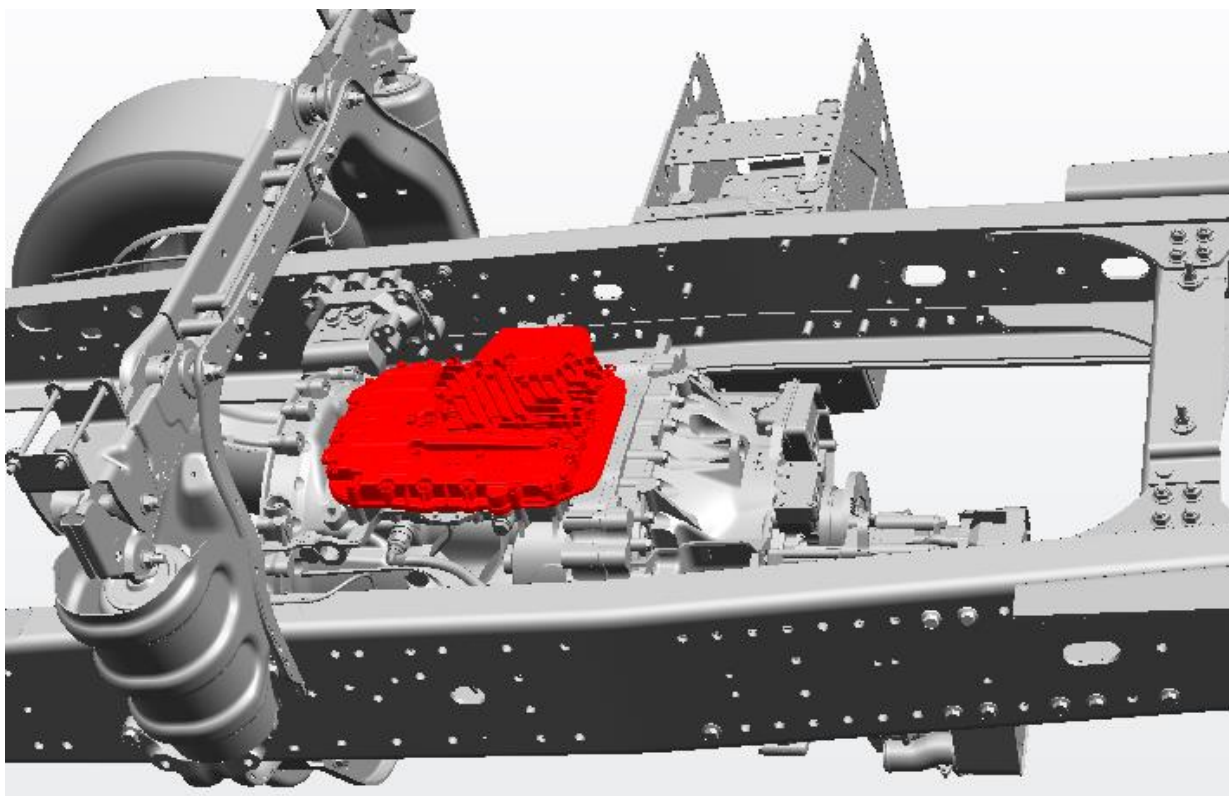


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4- EBS – Electronic Brake System:

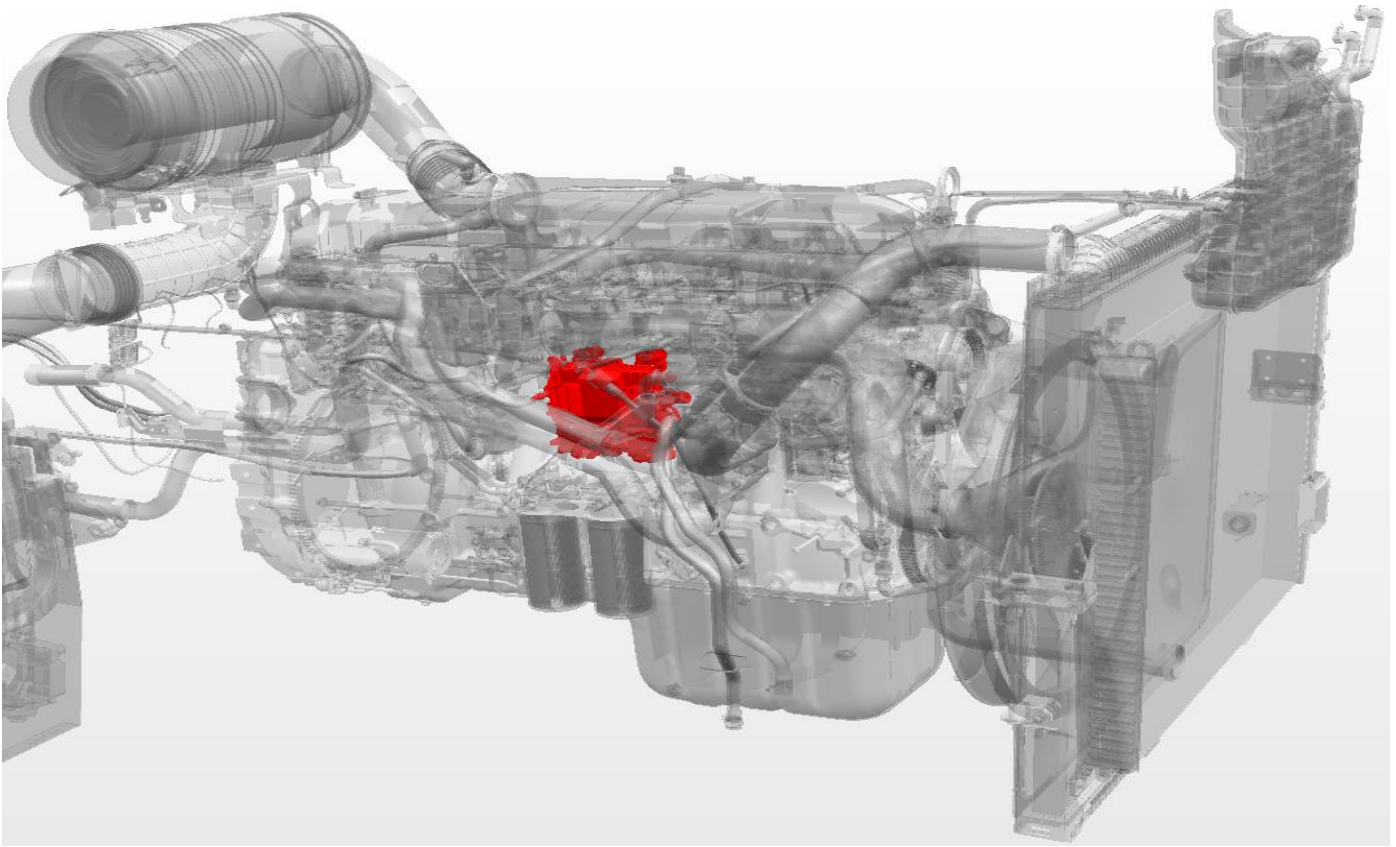


5- AMT – Automatic Transmission Module:

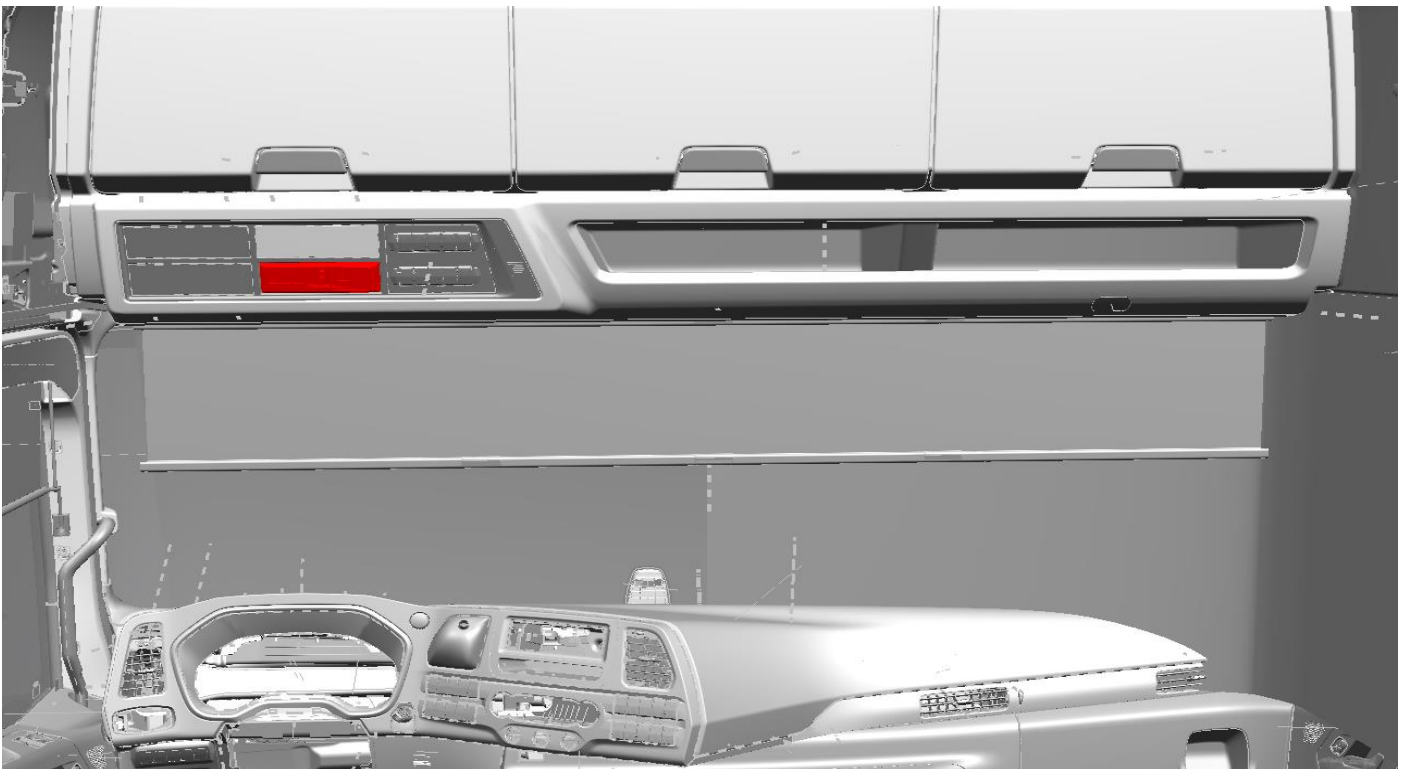


TRUCKS

6- EMS – Engine Management System:

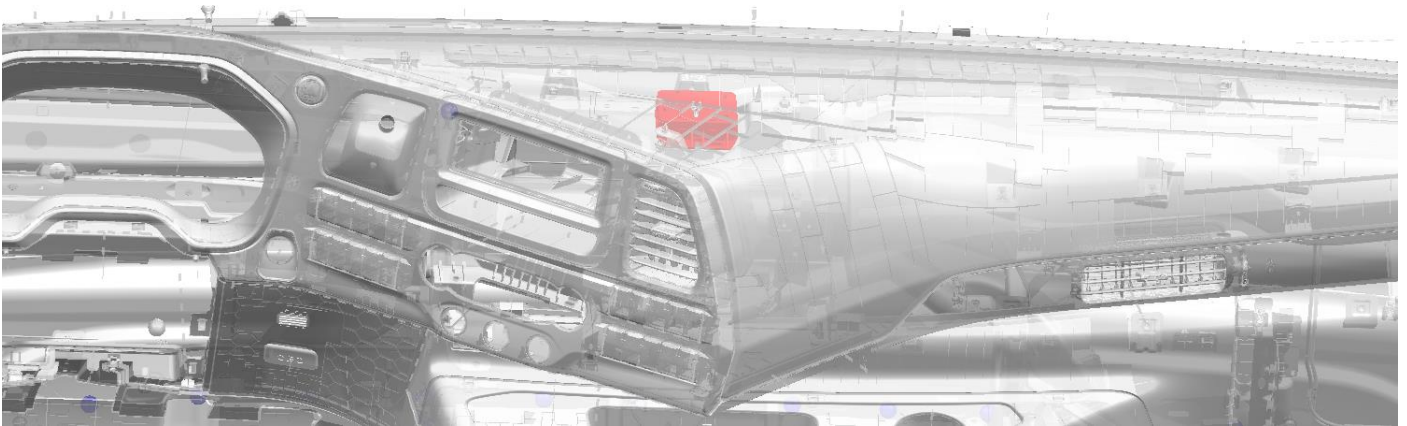


7- DTCO – Digital Tachograph:

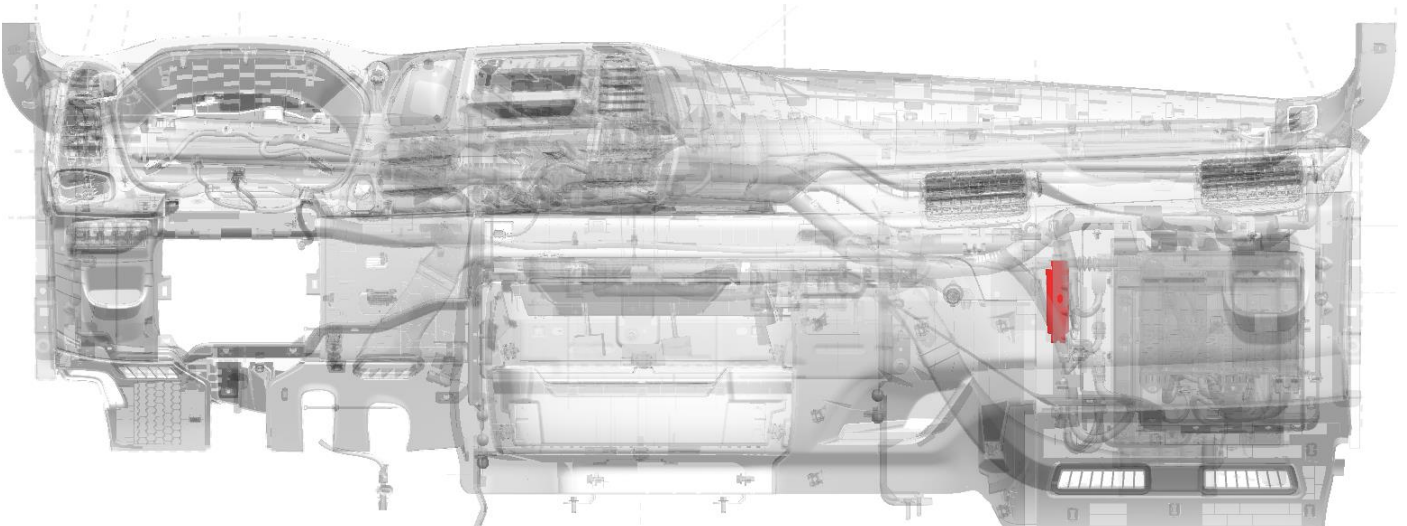


TRUCKS

8- TCU – Era Glonass Module:

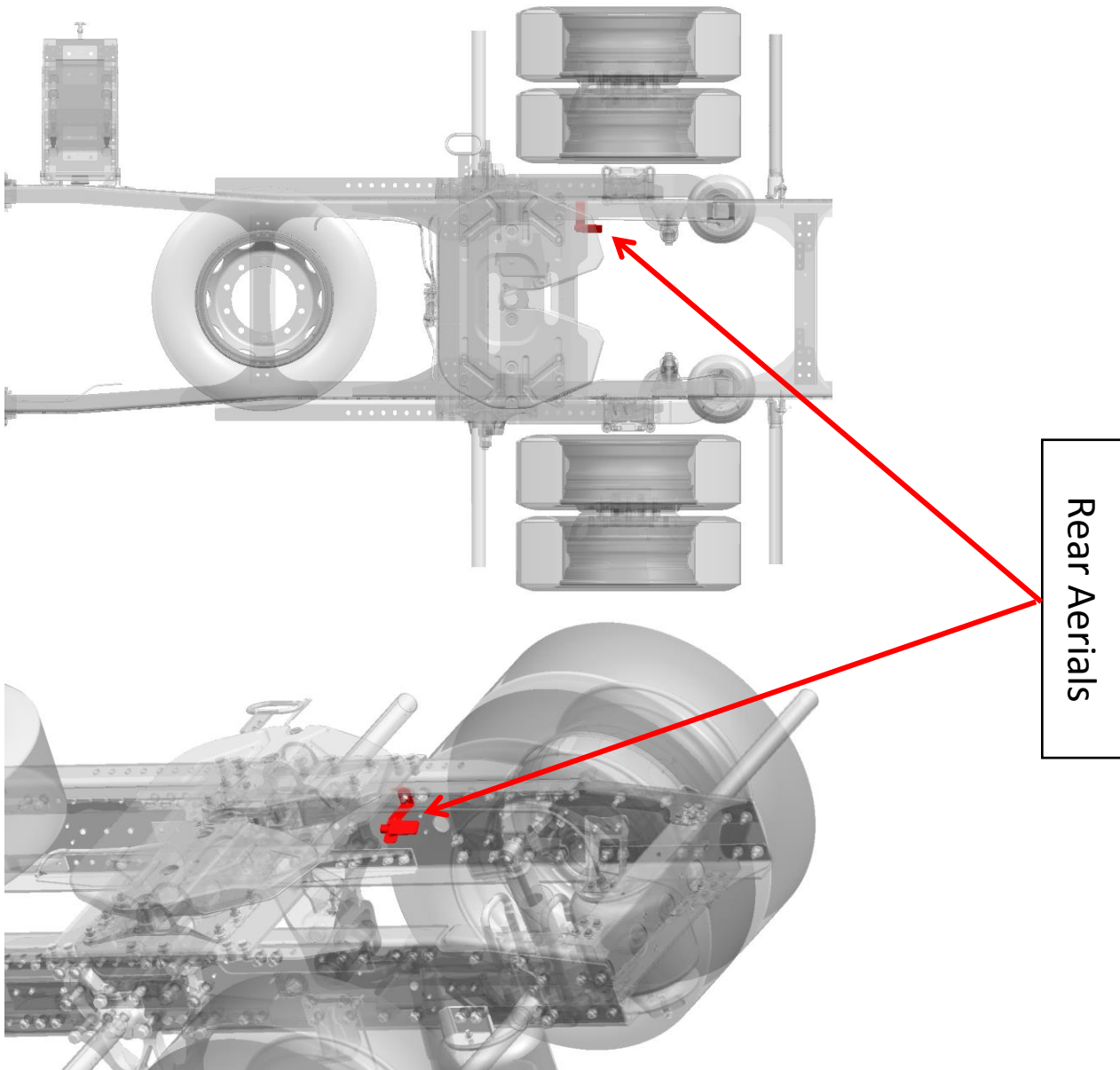


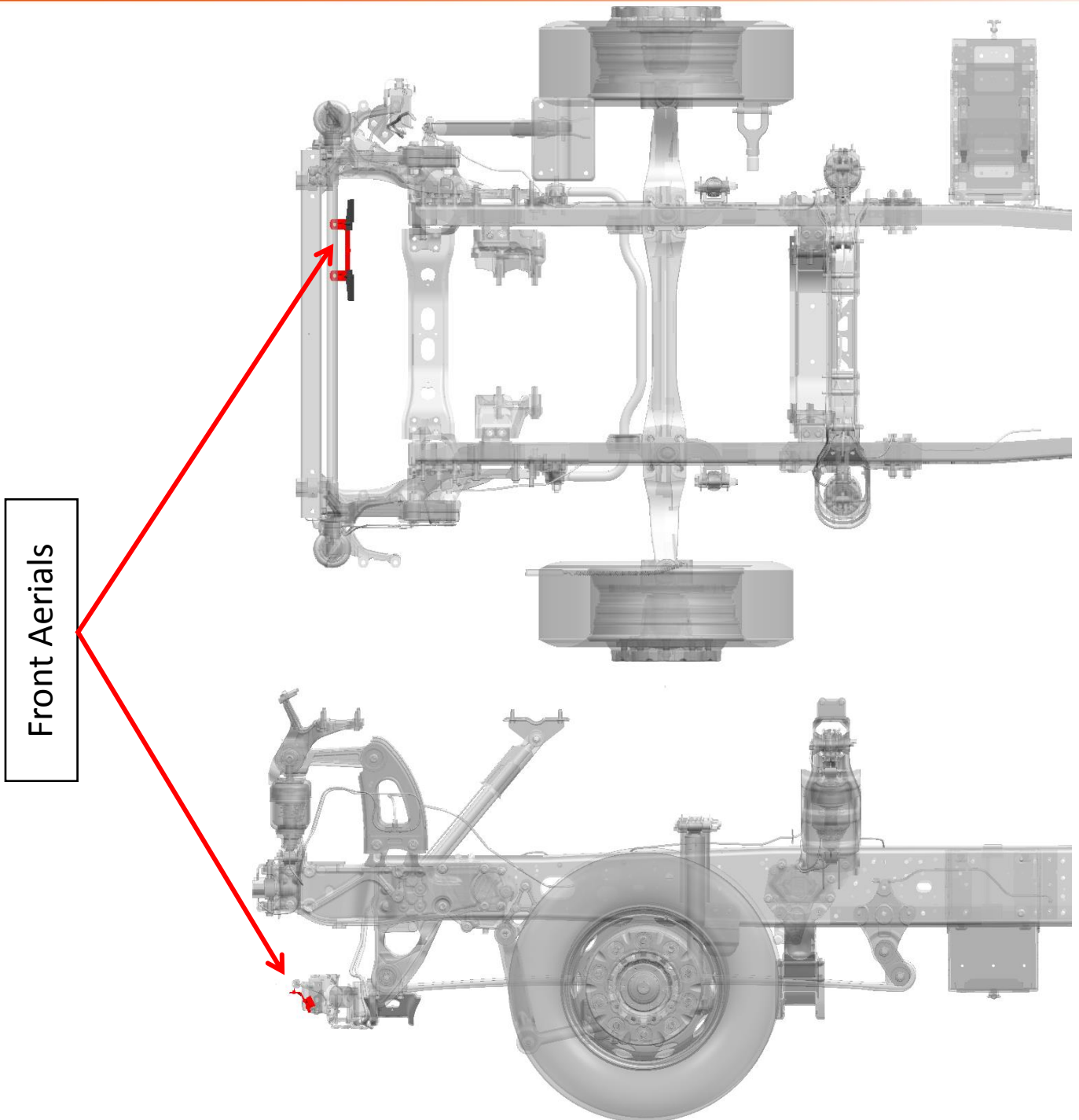
9- TPMS – Tire Pressure Monitoring System:



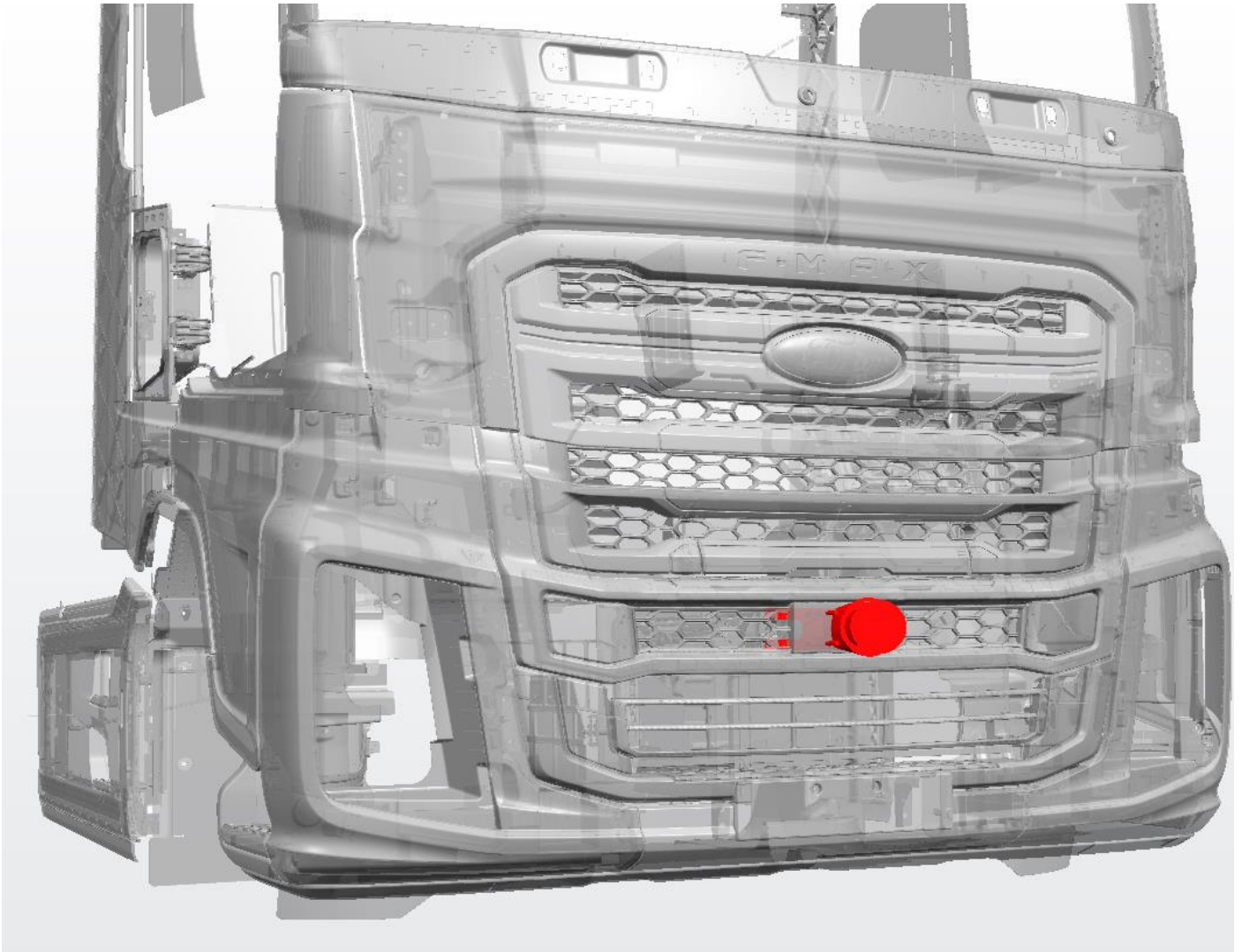
TRUCKS

10- TPMS Aerials:



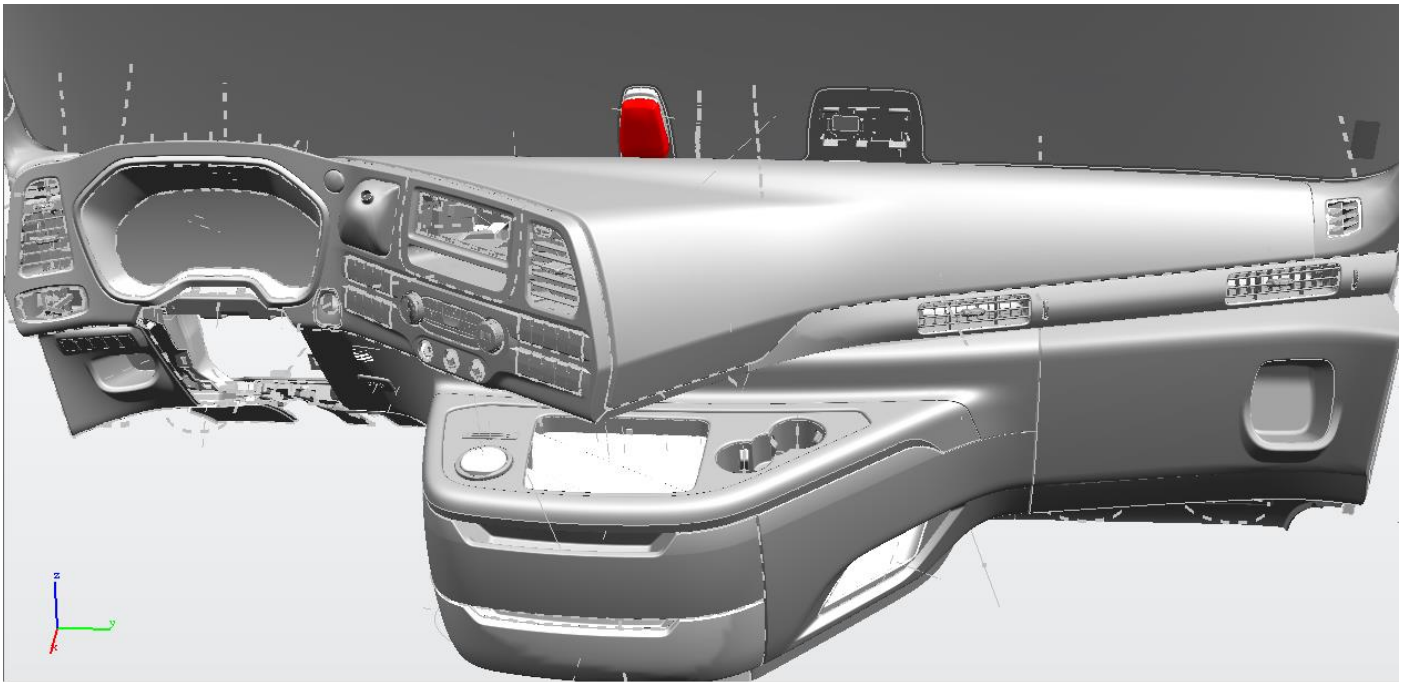


11- Radar:

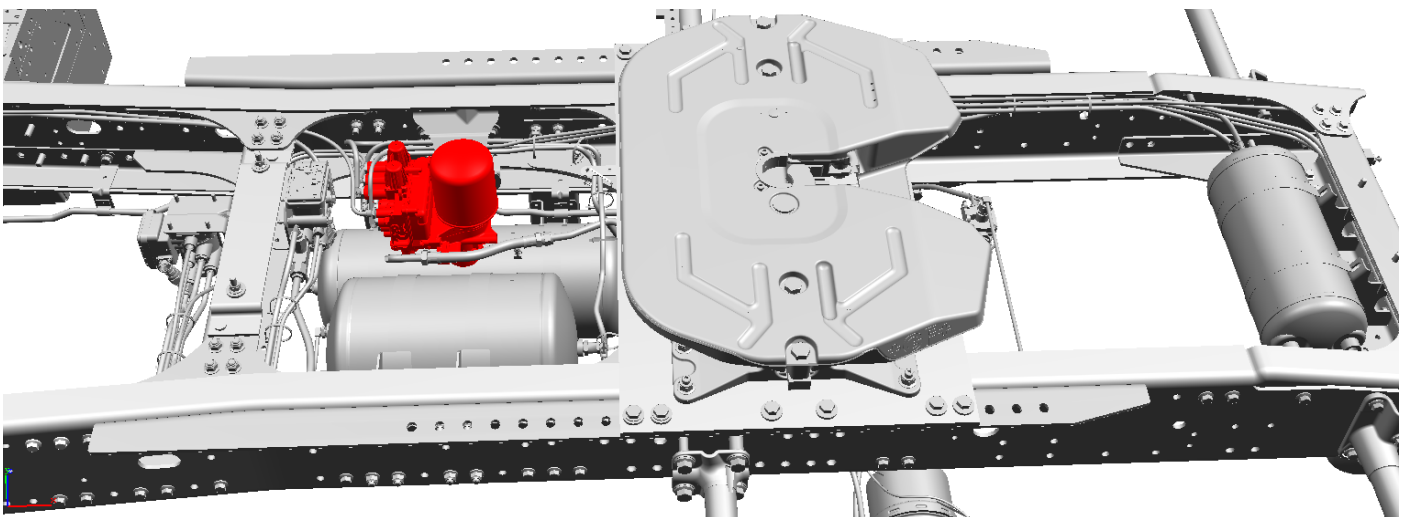


TRUCKS

12- Camera:

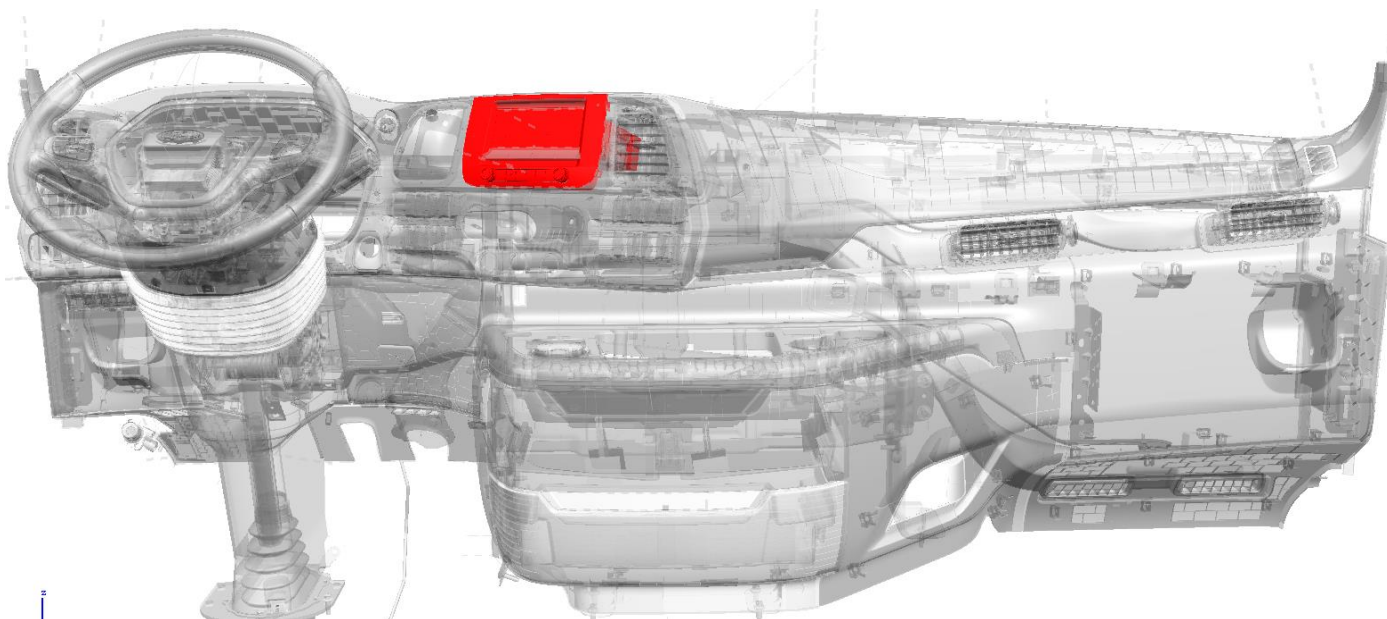


13- EAPU – Electronic Air Pressure Unit:

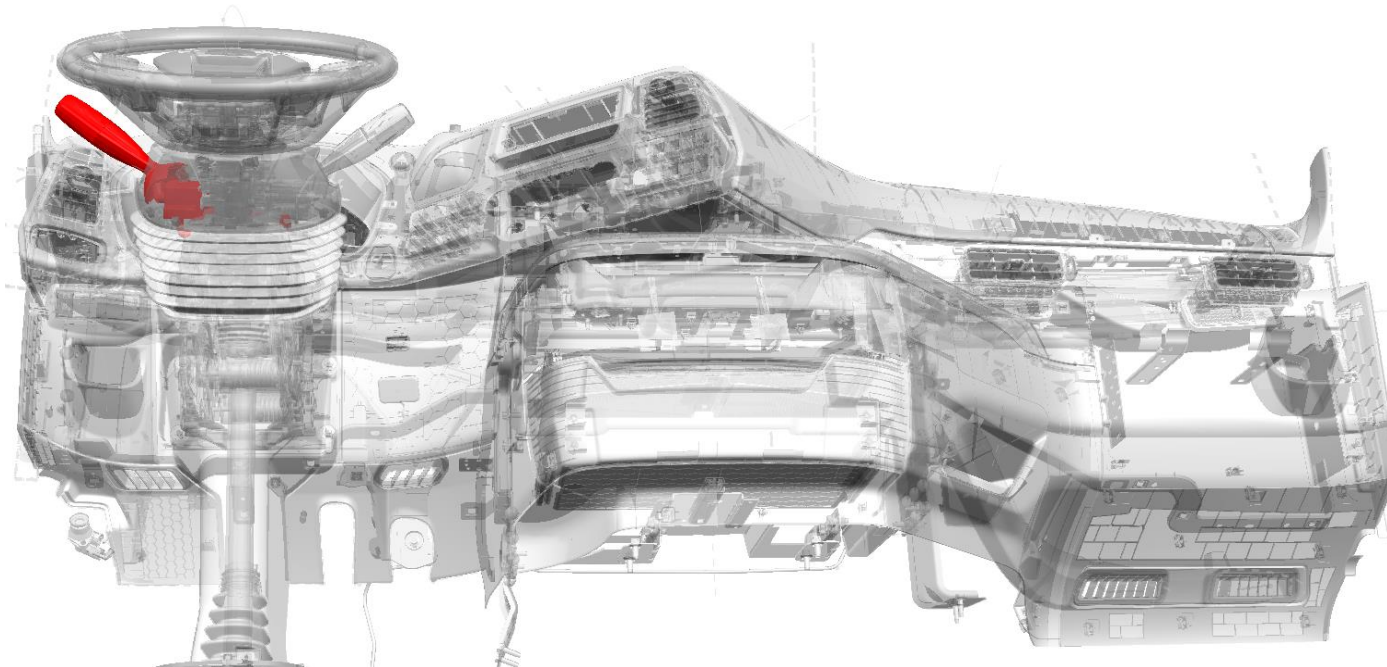


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14- ACM – Multimedia Unit:



15- SSL Multi-function Lever (LH):



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16- SSL Multi-function Lever (RH):

