

PREVOST

Instruction Sheet

IS-25002

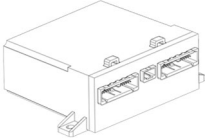
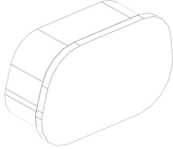
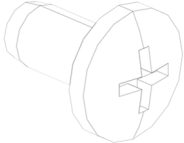
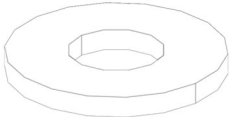

INSTALLATION A37 GATEWAY MODULE VIP-45

First Release

03-20-2025

MATERIAL

Kit #IS25002 includes the following parts:(only VIP-45 from P-1348)

Part No	Description	Qty
23499009-A37	MCM PROGRAMME - SERVICE KIT A37 	1
0600193	CABLE MCM GATEWAY	1
564090	DUST CAP DB9 PIN 	1
500209	SCREW TC PAN PH N500 10-24X3/8 	3
500804	WASHER FLAT N500 .219X.500X.049 	3
504637	CABLE TIE, NYLON BLK (STD) 	10
IS-25002	INSTRUCTION SHEET	1
FI-25002	FEUILLE D'INSTRUCTION	1

Other parts that may be required:

Part No.	Description	Qty
680319	TAPE, ELECTRICAL 3/4"	AR

NOTE

Material can be obtained through regular channels.

SAFETY PRECAUTIONS

- Eye protection should always be worn when working in a shop.
- Rules for Personal Protection Equipment should always be respected. Wear your PPE including but not limited to the following:



Safety First!



PROCEDURE



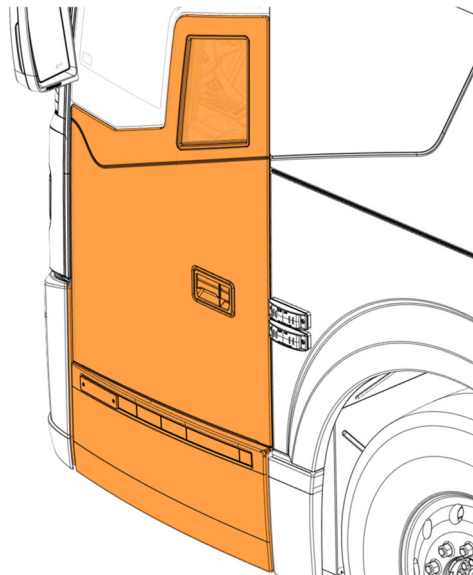
DANGER

Park vehicle safely, apply parking brake, stop engine. Prior to working on the vehicle, set the ignition switch to the OFF position and trip the main circuit breakers equipped with a trip button. On Commuter type vehicles, set the battery master switch (master cut-out) to the OFF position.

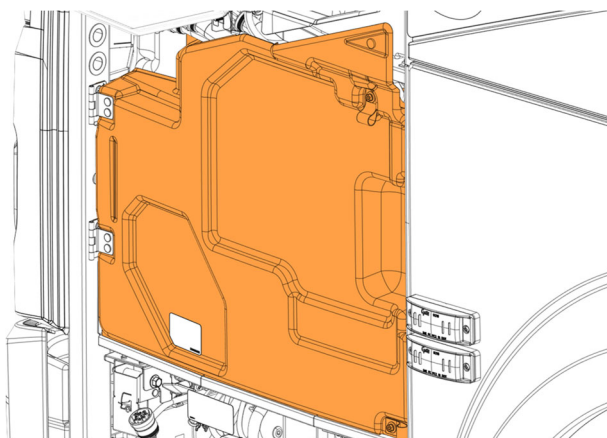
Lock out & Tag out (LOTO) must be performed during set-up, maintenance or repair activities. Refer to your local procedure for detailed information regarding the control of hazardous energy.

A37 MODULE INSTALLTION FOR VIP45

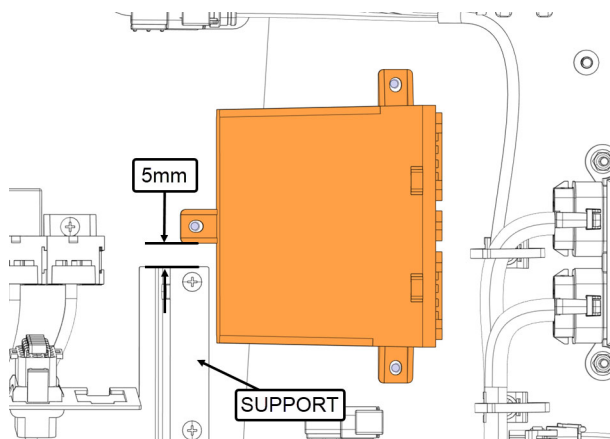
1. Open front service door.



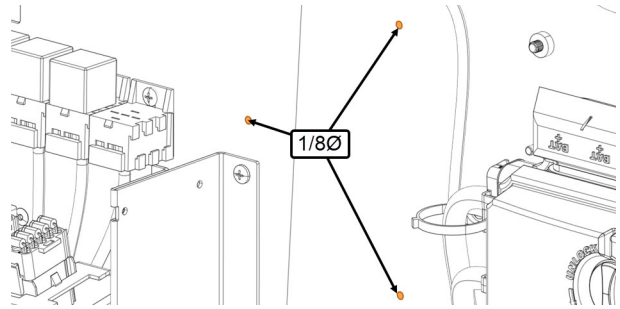
2. Open the front junction box panel.



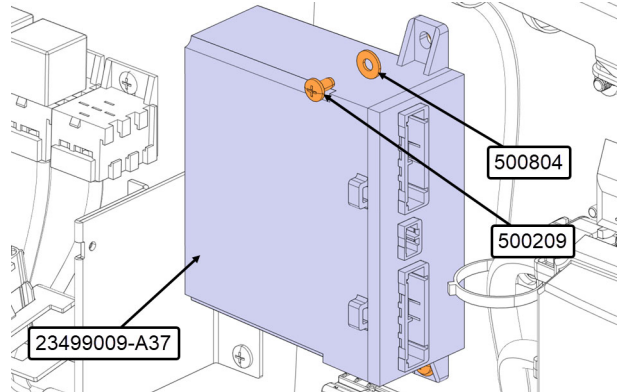
3. Position the new module MCM close to the support, leaving 5 mm clearance from the support.
4. Mark the position for three holes to drill to fasten the module inside the front junction box.



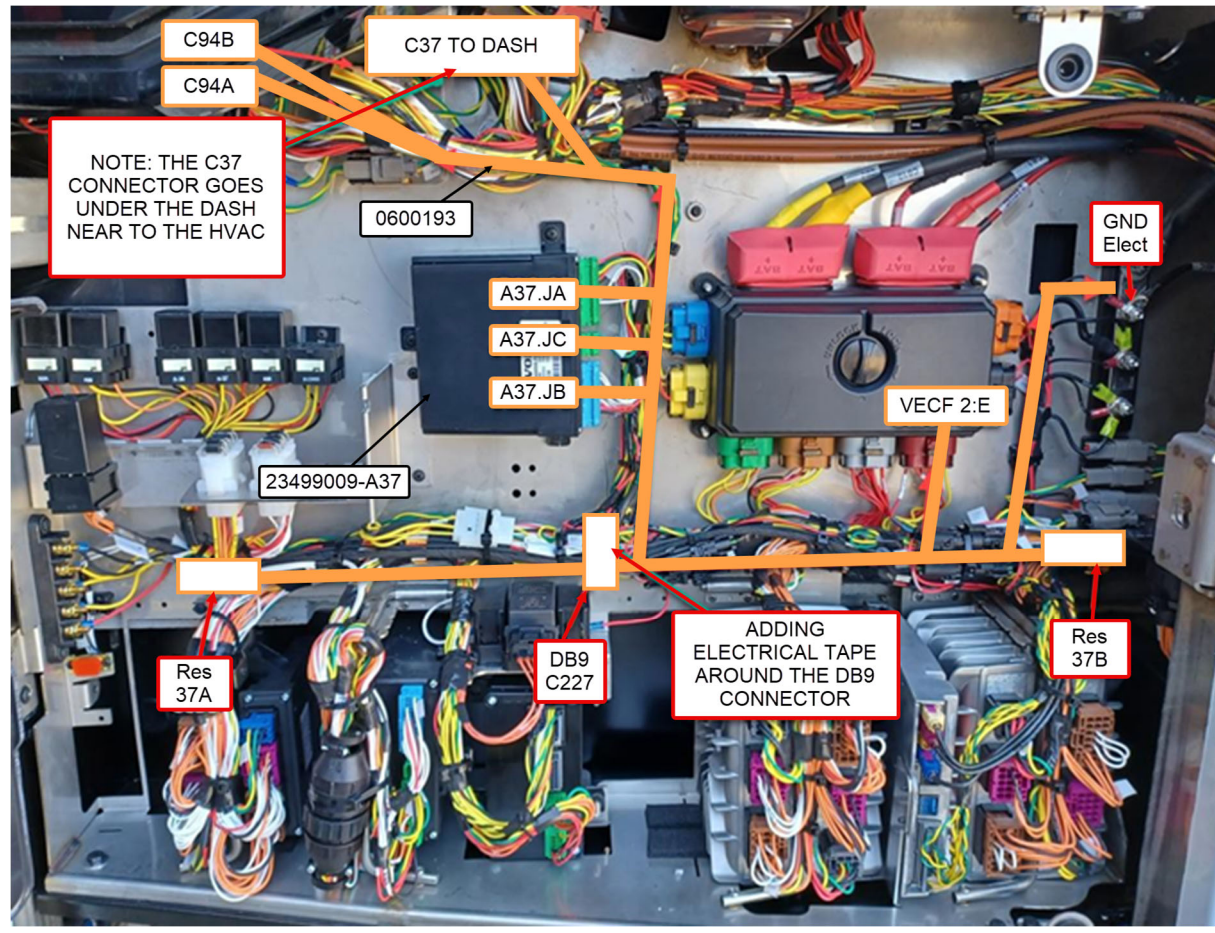
5. Drill three 1/8" diameter holes.



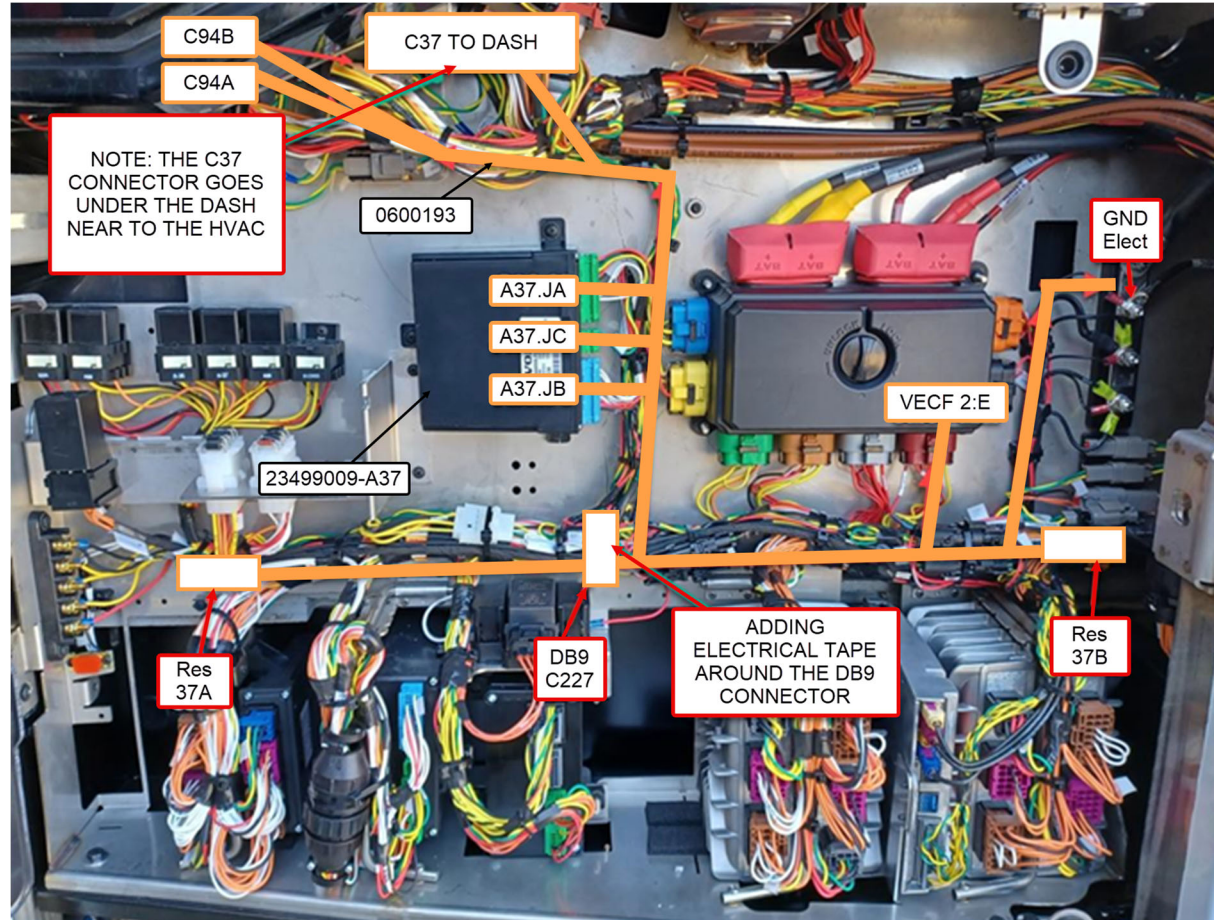
6. Install the new module 23499009-A37 with the screws 500209 (3x) and the washers 500804 (3x).



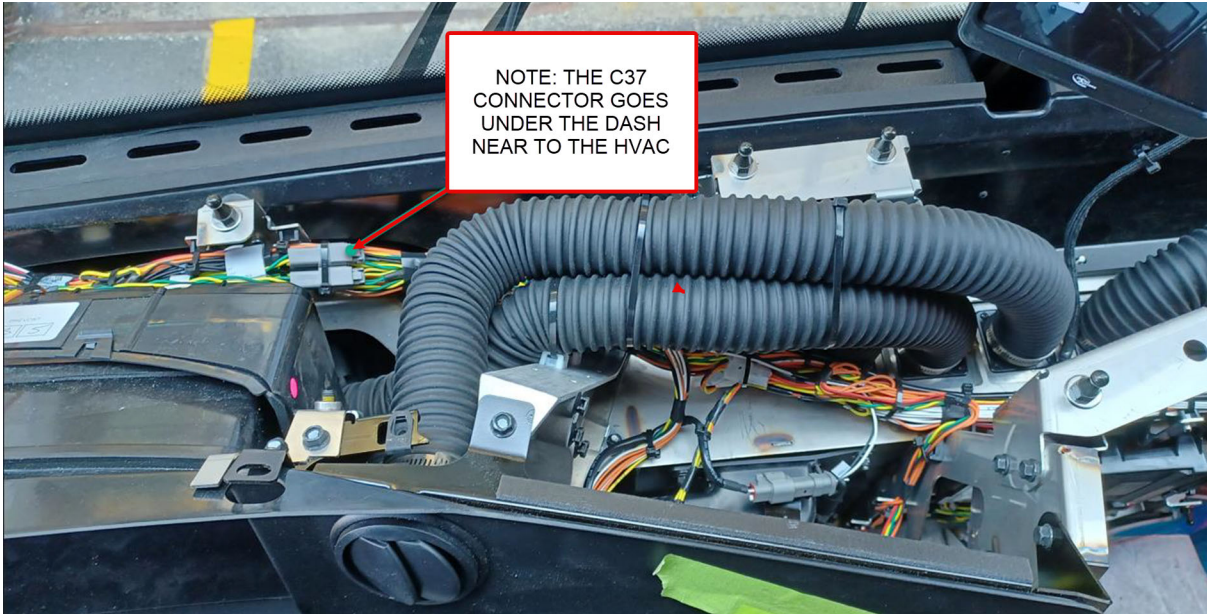
7. Install A37 module harness 0600193 inside front junction box (see image).



8. Plug the Connectors **A37.JA**, **A37.JC** and **A37.JB** to the module 23499009-A37.
9. Run cable section with connector **C37** to the front dash near to HVAC unit.
10. Run cable section with connectors **C94A** and **C94B** (See image).
11. Run to the left side of the box the cable section with the connector **Res 37A**.
12. Run to the right side of the box the cable section with the connector **Res 37B**.
13. Install the cap 564090 on the connector **DB9 C227** and secure with electrical tape 680319.
14. Run cable section with the connector **GND** elect and secure on the ground terminal block.
15. Disconnect connector **VECF2** from the VEC module.
16. Insert the terminal **VECF2:E** at position **E** of the connector **VECF2**.
17. Reconnect the connector **VECF2**.
18. Secure the harness 0600193 on the front junction box harness with cable tie 504637 (8x).



19. Run cable section with connector **C37** to the front dash near to HVAC unit.
20. Secure section with connector **C37** on the main dash harness with cable tie 504637 (2x).



Note: Wiring harness come with 2 terminating resistors Res37A and Res37B. Two 120 ohms resistors are connected in parallel to balance Datalink DL100 at 60 ohms total. If customer device includes termination resistors some resistors need to be removed. The amount of resistors on DL100 datalink should always be two resistors total.

PARTS / WASTE DISPOSAL

Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)

Appendix A

Reference Drawings

