

98-030: PACCAR EMUX Service Tool Kit

5/29/2025

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98-030

Subject

PACCAR EMUX Service Tool Kit

Whats New Abstract

Information Only

A new Ethernet Multiplexed Architecture (EMUX) Service Tool Kit service manual ([SM034-022](#)) has been released to provide general use information.

The new EMUX Service Tool Kit improves cab & chassis electrical troubleshooting efficiency, while reducing risk of component damage.

Revision

05/29/2025: Information for EMUX Service Tool Kit service manual ([SM034-022](#)) added.

04/29/2025: Availability information for the EMUX Service Tool Kit and its individual components has been included. The EMUX Service Tool Kit part number has been updated to P74-1045-001 and the [Reference Bill of Materials](#) sheet has been added.

12/18/2024: VMUX backwards compatibility information has been added to the Field Reference Tables.

11/26/2024: Service Action/Parts section has additional shipping and ordering information added.

Condition

This is a Level 1 required service tool.

EMUX Service Tool Kit is available to support PACCAR (EMUX trucks).

Required tools are available to support PACCAR (EMUX) trucks.

Chassis Affected

All Model Year Chassis with EMUX.

Action

Information Only

This is a Level 1 required service tool.

The EMUX Service Tool Kit improves cab and chassis electrical troubleshooting efficiency, while reducing the risk of component damage. For more information, see the linked [EMUX Service Tool Kit Summary Sheet](#).

Shipping for Dealers on Direct Ship Program Location List

Many Full Service or Parts & Service Dealers have received one kit per location automatically. These locations received an order acknowledgement in their business system when the order was placed. See the

attached [Dealer DSP List](#) to confirm locations in the automatic kit flow.

For any Full Service or Parts & Service Dealers that did not receive a kit by November 1, 2024 and are listed on the [Dealer DSP List](#), follow up with your District Parts Manager / PACCAR Parts.

Supply-Constrained Parts

A second shipment was sent to Dealers that are on the [Dealer DSP List](#) in early December 2024. That shipment contained the following supply-constrained components: Cables 2-03, 2-17, and PCBA-3.

To identify the constrained parts shipment, refer to the “Customer PO” and the “Tracking Number”. This information can be found in Dealer Business Systems once shipments are sent and can be cross-referenced against the package label once the shipment is received. All Customer POs had the same “EMUXPPDORDER” denotation.

The supply-constrained components are received, add parts to the EMUX Service Tool Kit Containers as detailed in [Supply-Constrained Parts Detail Sheet](#).

 NOTE
Locations listed on the linked Dealer DSP List were sent a kit and invoice.
Locations not on the Dealer DSP List must enter a "Place an Order > Place a General Order" TCS case.

Dealers NOT on the DSP list should refer to the “Parts” section of this bulletin to review the ordering process.

Parts

This is a Level 1 required service tool.

 NOTE
Original kit part number EMUXSERVICE has been superseded to part number P74-1045-001.

Spare Kits and Individual Kit Components:

Spare EMUX Service Tool Kits and individual kit components are now available to order. PPD Part Numbers now match OEM Drawing Part Numbers. To view the part numbers of individual kit components, see [Reference Bill of](#)

[Materials](#) sheet.

Ordering Process for:

- Dealers NOT on The DSP List
- Spare Kits
- Individual Kit Components

To place an order for a spare full kit or individual kit component, follow the standard PPD part ordering procedure.



EMUX SERVICE TOOL KIT - 18 PIN BREAKOUT BOX				PACCAR	
 1-01 Y92-1000-001	 1-02 Y92-1000-002	 1-03 Y92-1000-003	 1-00 Y92-1004 CONNECTOR SAVER	 18-PIN BREAKOUT BOX P10-1016 RATING: 15A PER CIRCUIT NOTE: Connector saver cable helps extend the service life of the breakout box. It is recommended they remain connected to the line at all times.	
 1-04 Y92-1000-004	 1-05 Y92-1000-005	 1-06 Y92-1000-006	 1-EXT Y92-1002 EXTENSION CABLE		
 1-07 Y92-1000-007	 1-08 Y92-1000-008	 1-09 Y92-1000-009	 1-10 Y92-1000-010	 1-11 Y92-1000-011	
 1-12 Y92-1000-012	 1-13 Y92-1000-013	 1-14 Y92-1000-014	 1-15 Y92-1000-015	 1-16 Y92-1000-016	
 1-17 Y92-1000-017	 1-18 Y92-1000-018	 1-19 Y92-1000-019	 1-20 Y92-1000-020	 1-21 Y92-1000-021	
 1-22 Y92-1000-022	 1-23 Y92-1000-023	 1-24 Y92-1000-024	 1-25 Y92-1000-025	 1-26 Y92-1000-026	

Container Contents

EMUX SERVICE TOOL KIT – 62 PIN BREAKOUT BOX CONTAINER 1

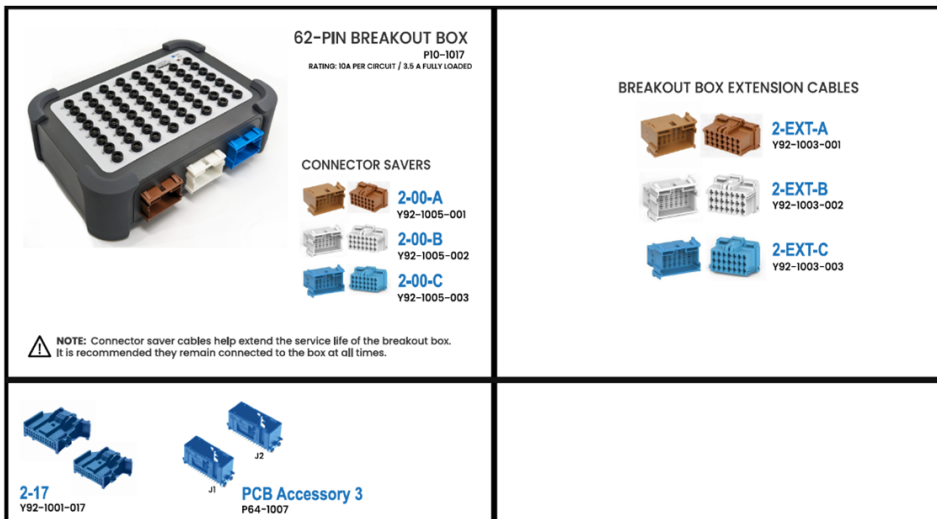
PACCAR



Container Contents

EMUX SERVICE TOOL KIT – 62 PIN BREAKOUT BOX CONTAINER 2

PACCAR



Container Contents

Procedure

Please follow your dealership's safety procedures and precautions to ensure the vehicle can be safely repaired and maintained.

Kit Set Up Notes

- Install Connector Savers into Breakout Boxes (BoBs).
- Leave Connector Savers installed permanently to reduce wear on BoBs.

Troubleshooting

To support general use of the EMUX Service Tool Kit, see service manual [SM034-022](#).

To support Cab & Chassis Electrical Checks & Troubleshooting, see the linked [Field Reference Tables](#) showing specific connections supported by each kit Y-Cable and each Connector Pin description in every supported

connection.

 NOTE
The Field Reference Table has been updated to include information for VMUX backwards compatibility- See sheet for details.

Attachments

[EMUX Service Tool Kit Summary Sheet](#)

[Dealer DSP List](#)

[Field Reference Tables](#)

[Supply-Constrained Parts Detail Sheet](#)

[Reference Bill of Materials](#)

[EMUX Service Tool Kit Service Manual SM034-022](#)