

# 98-030: PACCAR EMUX Service Tool Kit

9/12/2024

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98-030

## Subject

PACCAR EMUX Service Tool Kit

## Whats New Abstract

### Information Only

New diagnostic tool is required to support PACCAR Ethernet Multiplexed Architecture (EMUX) electrical architecture.

The EMUX Service Tool Kit will help improve cab & chassis electrical troubleshooting efficiency, while reducing the risk of component damage.

## Condition

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

## Chassis Affected

All Chassis with EMUX electrical architecture.

## Action

### Information Only

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

## Shipping

Full Service or Parts & Service Dealers will receive 1 kit per location automatically. These locations will receive an order acknowledgement in their business system once the order has been placed. See the attached [Direct Ship Program \(DSP\) List](#) to confirm locations in the automatic kit flow.

For any Full Service or Parts & Service Dealers whose Location Code is not in the attached [Dealer DSP List](#), a Managed Dealer Inventory (MDI) suggestion for the kit will be sent, which must be accepted, to place an order before a kit can be shipped. Once the order is placed, Dealers will have visibility to its status using the PO# in MDI.


For any Full Service or Parts & Service Dealer locations that have not received a kit OR a kit MDI suggestion by November 1, 2024, please follow up with a District Parts Manager / PACCAR Parts.

*Note: A second shipment will be sent to all Dealers in late Q4 2024 containing supply-constrained components: Cables 2-03, 2-17, and PCBA-3.*

## Parts

This Level 1 tool kit is now available to pre-order through PACCAR Parts for locations that are not on the [DSP](#)

[Location List](#) and for locations that would like to order an additional kit.

 <b>NOTE</b>
Locations listed on the linked <a href="#">DSP Location List</a> already have a kit ordered. If you place an order for a location already on this list, you will be ordering a 2nd kit.

**Kit Part Number:** EMUXSERVICE

If desired, EMUX Service Tool Kits & Individual Kit Components will also be available to order. Following the Level 1

kit shipments to all listed dealers, ordered kits & parts will ship November 2024 at the earliest.

For all kit component part numbers, see the attached [Reference Bill of Materials](#).



**EMUX SERVICE TOOL KIT - 18 PIN BREAKOUT BOX**

**PACCAR**

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

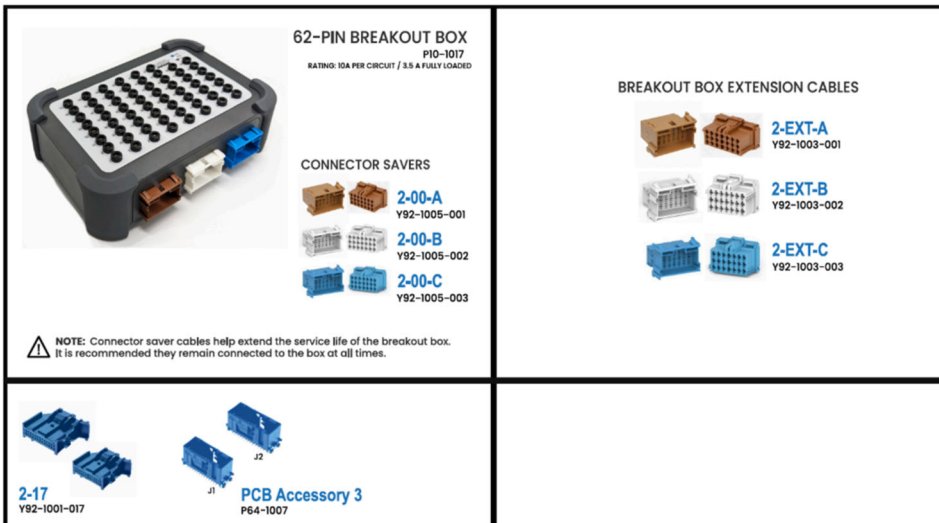
*Container Contents*

EMUX SERVICE TOOL KIT – 62 PIN BREAKOUT BOX CONTAINER 1



Container Contents

EMUX SERVICE TOOL KIT – 62 PIN BREAKOUT BOX CONTAINER 2



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 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.

## Attachments

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[EMUX Service Tool Kit Summary Sheet](#)

[Dealer DSP List](#)

[Reference Bill of Materials](#)

[Field Reference Tables](#)