



# V-MAC III - Wiring Harness Service Parts Guide



## > Internal Content

For more information regarding replacement parts for harness assemblies click [here](#).

### Tags

- [k37049522](#)
- [ch](#)
- [chn](#)
- [cl](#)
- [ct](#)
- [cv](#)
- [cx](#)
- [cxm](#)
- [dm](#)
- [le](#)
- [Mr.](#)
- [rb](#)
- [rd](#)
- [mack](#)

### Related links and attachments

[VMAC III Replacement parts for harness](#)



### Feedback

[Give feedback](#)

to help improve the content of this article

# V-MAC III - Wiring Harness Service Parts Guide

## **System area:**

V-MAC III Electrical

## **Description:**

Harness Connector Part Numbers

## **Solution:**

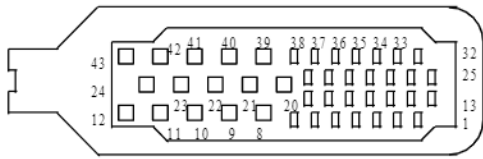
### **1. INTRODUCTION**

Service Engineering has received many calls concerning replacement parts for harness assemblies. This guide is a breakdown of the harness connector assemblies. It presents the connector assemblies in their basic Mack service part numbers. The thirteen most common connector assembly service parts inquiries are included in the guide. These connectors include (see Figure 1 and 2):

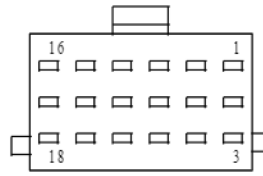
- EJ1 & EJ2 Engine Harness Connector;
- VJ1, VJ2, VJ3 Cab Harness Connector;
- Male and Female J1939 Data Links;
- EPDM/Transmission Connectors;
- Engine/Transmission Interface Connectors;
- Engine Speed and Position Connectors;
- J1939 Overlay Service Harnesses.

# FIGURE 1

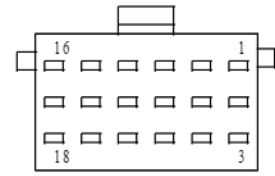
2.1, EJ1



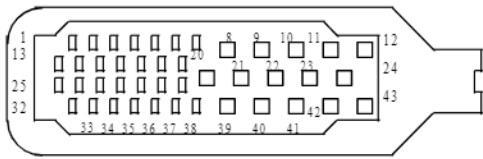
2.3, VJ1



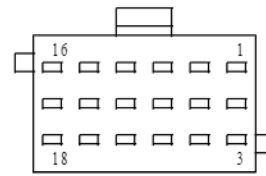
2.4, VJ2



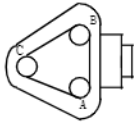
2.2, EJ2



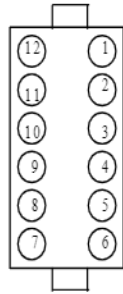
2.5, VJ3



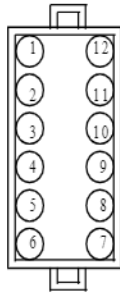
2.6, J1939



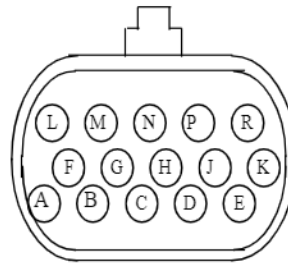
2.8, EPDM/TRANS



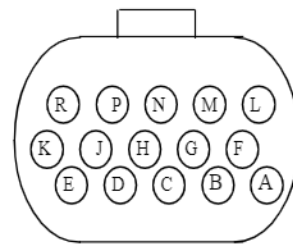
2.9, TRANS/EPDM



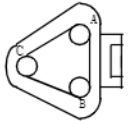
2.10, ENGINE/TRANS



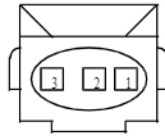
2.11, TRANS/ENGINE



2.7, J1939

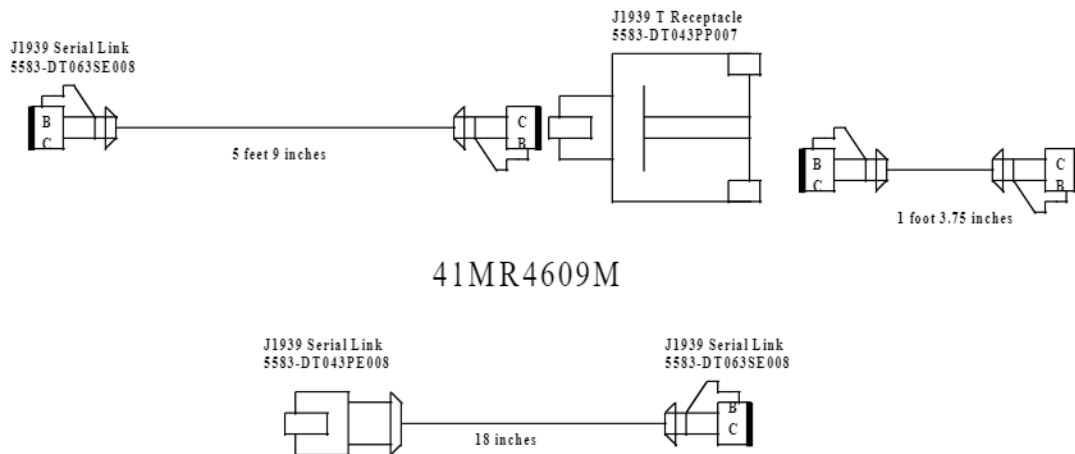


**FIGURE 2**  
2.12, Engine Speed and Engine Position Sensor



2.13, J1939 Harness Kits

7869-J1939



## 2. CONNECTOR ASSEMBLIES

### 2.1 EJ1 Connector Assembly

EJ1 Connector Assembly	
Mack Part Number	Description
7869-49968	Connector
7869-49970	Cover
2960-9299371	AMP Terminal (JPT 2.0)
2960-9680152	AMP Terminal (Micro 0.5)
2960-9635301	AMP Seal (Micro 0.5)
2960-8289051	AMP Seal (JPT 2.0)
2960-9635311	AMP Plug (Micro 0.5)
2960-8289221	AMP Plug (JPT 2.0)

### 2.2 EJ2 Connector Assembly

EJ2 Connector Assembly
------------------------

Mack Part Number	Description
7869-49969	Connector
7869-49970	Cover
2960-9299391	AMP Terminal (JPT 0.5)
2960-9299371	AMP Terminal (JPT 2.0)
2960-9680152	AMP Terminal (Micro 0.5)
2960-9635301	AMP Seal (Micro 0.5)
2960-8289051	AMP Seal (JPT 2.0)
2960-9635311	AMP Plug (Micro 0.5)
2960-8289221	AMP Plug (JPT 2.0)
2960-8289041	AMP Plug (JPT 0.5)

### 2.3 VJ1 Connector Assembly

VJ1 Connector Assembly	
Mack Part Number	Description
967AM26	Connector (GRAY)
925AM103	Terminal (20-18 AWG)
925AM131	Terminal (16 AWG)

### 2.4 VJ2 Connector Assembly

VJ2 Connector Assembly	
Mack Part Number	Description
967AM15	Connector (WHITE)
925AM103	Terminal (20-18 AWG)
925AM131	Terminal (16 AWG)

### 2.5 VJ3 Connector Assembly

VJ3 Connector Assembly	
Mack Part Number	Description
967AM25	Connector (BLACK)
925AM103	Terminal (20-18 AWG)
925AM131	Terminal (16 AWG)

### 2.6 J1939 Male Data Link

J1939 Male Data Link
----------------------

Mack Part Number	Description
5583-10100020306	3-Lip Seal
5583-DT063SE008	Connector
5583-W3S1939	Wedge Lock, Blue
5583-W3S	Wedge Lock, Orange
5583-O4622211631	Terminal C
980AX37 (04622011631)	Terminals A&B

## 2.7 J1939 Female Data Link

J1939 Female Data Link	
Mack Part Number	Description
5583-DT043PP007	“T” Receptacle, Node
5583-DT043PE008	Connector
5583-W3P1939	Wedge Lock
980AX36	Terminals A&B
5583-O4602471631	Terminal C

## 2.8 EPDM/TRANS 12-Way Connector Assembly

EPDM/TRANS 12-Way Connector Assembly	
Mack Part Number	Description
958AM30	Connector (GRAY)
971AM34	Wedge Lock
980AX20	Terminal (0.8-1.0)
980AX26	Terminal (2.0)
980AX202	Plug

## 2.9 TRANS/EPDM 12-Way Connector Assembly

TRANS/EPDM 12-Way Connector Assembly	
Mack Part Number	Description
958AM29	Connector (GRAY)
971AM35	Wedge Lock
980AX47	Terminal (0.8-1.0)
980AX50	Terminal (2.0)
980AX202	Plug

## 2.10 ENGINE/TRANS 15-Way Transition Connector Assembly

ENGINE/TRANS 15-Way Transition Connector
--

Assembly	
Mack Part Number	Description
6301-12110779	Connector
6301-12110782	Secondary Lock
6301-12110847	Terminal (0.8-1.0)
6301-12110846	Terminal (0.5)
6301-12110845	Terminal (2.0)
970AM2	Cable Seal (2.0)
970AM3	Cable Seal (1.0-0.8)
970AM19	Cable Seal (0.5))
969AM1	Plug Seal

### 2.11 TRANS/ENGINE KIT 15-Way Transition Connector Assembly

TRANS/ENGINE KIT 15-Way Transition Connector Assembly	
Mack Part Number	Description
6301-12110781	Connector
6301-12110782	Secondary Lock
925AM27	Terminal
925AM29	Terminal
970AM1	Cable Seal
970AM2	Cable Seal
970AM3	Cable Seal
970AM19	Cable Seal (0.5))
969AM1	Plug Seal

### 2.12 Engine Speed and Engine Position Sensor Connector Assembly

Engine Speed and Engine Position Sensor Connector Assembly	
Mack Part Number	Description
7869-50577	Connector
2960-9299391	Terminal
2960-8289041	Seal
2960-8289221	Plug

### 2.13 J1939 Harness Assemblies

J1939 Harness Assemblies	
Mack Part Number	Description
41MR4609M	18 inch J1939 Harness
7869-J1939	6 foot Service J1939

	Harness
--	---------

**Updated:** 07/02/99