

ADDRESSEES	: Owners and operators ABC Customer Care and Parts Source
VEHICLE MODEL	: TD925US
MANUAL SECTION	: 14.10 Electricity – wiring
BULLETIN TYPE	: Field Change Program
DATE	: February 05th, 2020
SUBJECT	: To optimize power supply of fuse holder ZB3 in junction box EKA
TERMS & CONDITIONS	: Refer to the warranty section further in this Bulletin.

APPLICATION:

The Field Change Program, subject of this bulletin, is applicable to below mentioned units:

Vehicle type	VIN
TD925US with Cummins ISX EPA13	42672→42673
	42739→42891
	42920→42929

DESCRIPTION:

It has been reported that the red 6 mm² power supply wire connected at stud “MP+24V” in junction box “Vanner” is not protected by a fuse. This wire runs from stud “MP+24V” to terminal block DVB in junction box EKA, from there the wire continues to fuse holder ZB3 in junction box EKA to power fuses Z83.1 and Z86.

This service bulletin gives step-by-step instructions how to install an additional 30A in-line fuse in junction box “Vanner” to make sure that this wire is protected against overheating in case of overcurrent.

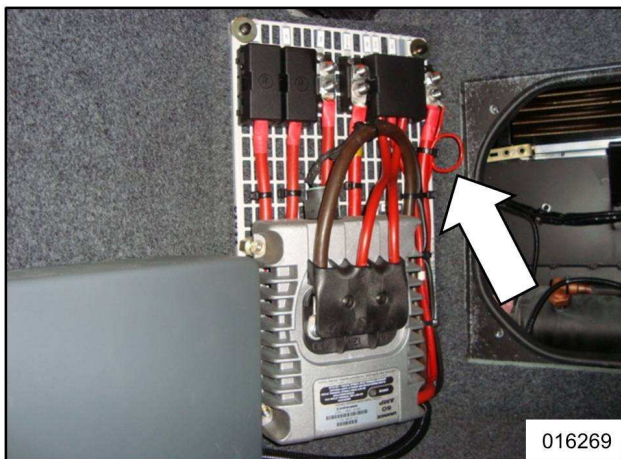
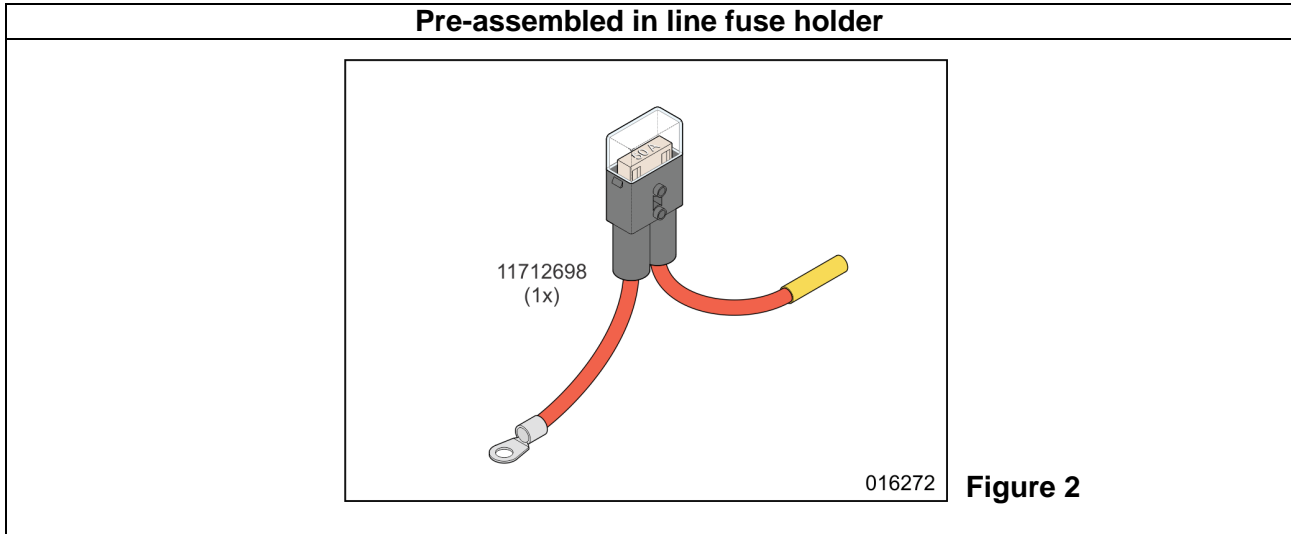


Figure 1: In luggage compartment, location of concerned 6mm² power supply wire on grid panel of junction box “Vanner”

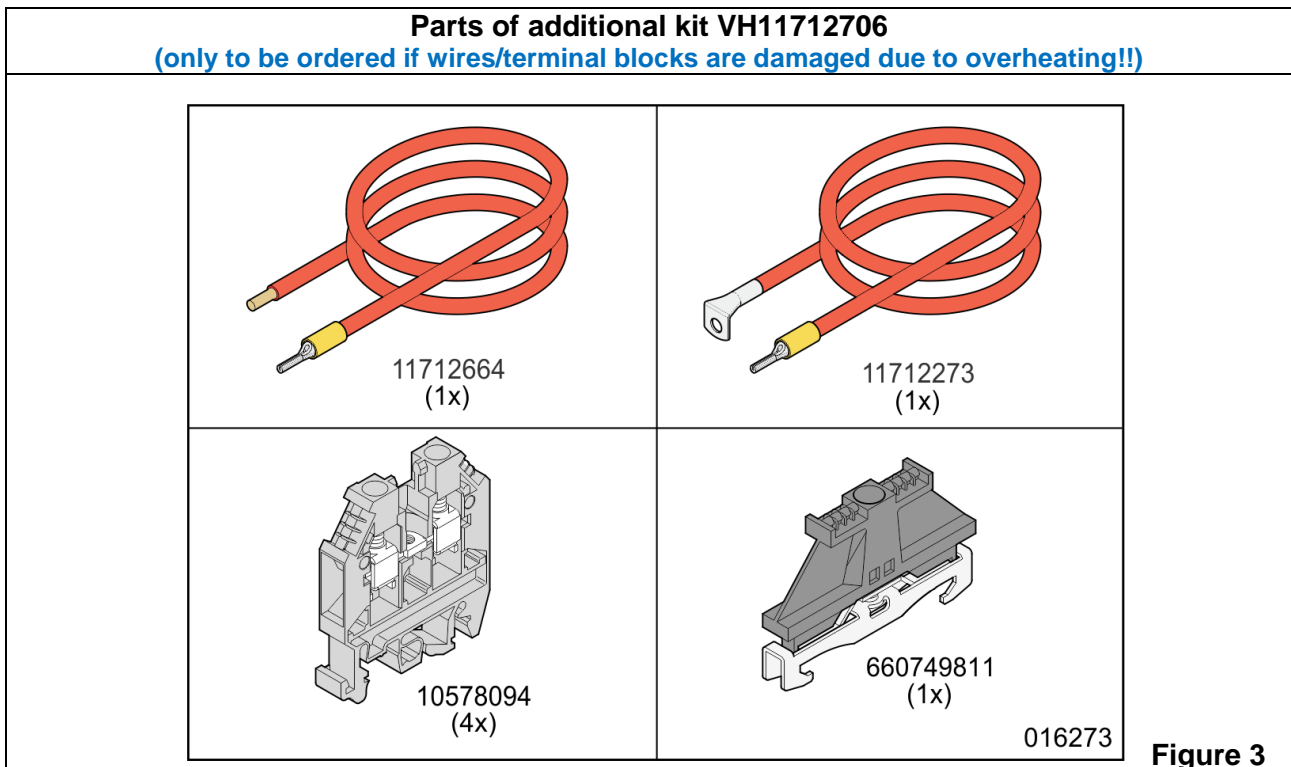
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COMPONENTS:



VH Reference	Description	Qty.*
11712698	Pre-assembled in-line fuse holder	1

*suited for one vehicle



VH Reference	Description	Qty.*
11712664	Red 6 mm ² wire ("MP+24V"stud to DVB connecting block) (3,5 m red 6 mm ² wire + cable lug 660765901)	1
11712273	Red 6 mm ² wire (DVB connecting block to ZB3) (cable lug 660765901 + 1 m red 6 mm ² wire + cable lug 11224191)	1
10578094	Terminal block	4
660749811	Terminal block end clamp	1

*suited for one vehicle

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JOB REQUIREMENTS:

This job has to be carried out by an experienced automotive electrician.

SPECIAL TOOLS, EQUIPMENT OR SERVICES:

- Torque wrench
- Crimping tool “CERTI-LOK” (TE reference 0-0169400-0) with “DIE SET” (TE reference 0-0169404-0) for 6 mm² cable lug. Refer to TE instruction sheet 408-6765 for more information.

PREPARATIONS:

- Park the coach on a level-surfaced service pit.
- Apply the parking brake and shut down the engine.
- Switch off all systems and turn off the battery master switch.
- Turn off the mechanical battery switch.
- Put a “DO NOT OPERATE” tag on the instrument panel.
- **Read the entire procedure before beginning to work.**



WARNING!

Observe safe shop practices at all times.

PROCEDURE:

Step	Action
1	In battery compartment: disconnect the ground cable clamp of the batteries.
2	In junction box “Vanner” and junction box EKA: check the concerned 6 mm ² wire for actual damage. a. Locate the “MP+(24V)” connecting stud in junction box “Vanner” and check the 6 mm ² wire for actual damage. b. Locate terminal block DVB in junction box EKA. Check the terminal block and the 6 mm ² wire for actual damage. c. Locate the fuse holder ZB3 in junction box EKA and check the 6 mm ² wire for actual damage. If necessary, order additional kit VH11712706. Fasten the red 6 mm ² wire to the fuse holder with the screw and the curved spring washer. Tightening torque of fastening screw: 5 Nm (45 in.lbf). Seal the screw head with a drop of paint to indicate that the screw is properly torqued.

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<p>3</p>	<p>In junction box “Vanner”: disconnect the 6 mm² wire from the “MP+ (24V)” connecting stud.</p> <ol style="list-style-type: none"> Remove the yellow protective cap from the “MP+(24V)” stud to which the concerned 6 mm² wire has been secured. Remove the nut securing the 6 mm² wire. Withdraw the 6 mm² wire from the stud. Secure the cable lug of the pre-assembled in-line fuse from the kit to the “MP+(24V)” stud. Re-install the nut on the “MP+(24V) stud. Tighten the nut to a torque of 35 Nm (26 ft.lbf). Seal the nut with a drop of paint to indicate that the nut is properly torqued. Reinstall the protective cap. <div data-bbox="411 633 954 1030" data-label="Image"> </div> <p>Figure 4: Location of “MP+(24V) stud (marked with a tag)</p>
<p>4</p>	<p>In junction box “Vanner”: connect the 6mm² power supply wire disconnected in previous step to the butt splice of the pre-assembled in-line fuse holder by using the suitable crimping tool/die set.</p>
<p>5</p>	<p>Undo all preparatory precautionary measures.</p>
<p>6</p>	<p>Notify ABC Companies by mail. Write the text “SB1719 executed for VIN.....” in the mail and send the mail to warranty@abc-companies.com.</p>
<p>7</p>	<p>For ABC Companies only: register through the registration button located behind the Service Bulletin on the Van Hool customer portal. Write the text "SB1719 executed"" in the field "Remark". Labor allowance will only be awarded after Van Hool has received the registration.</p>

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WARRANTY:

1. Conditions

Van Hool accepts claims for this conversion as follows:

- **Compensation for labor hours:** 60 minutes
- **Campaign target date:** Service Bulletin issue date + 1 year

2. Claim references:

- **Job code:** O61719N
- **Claim submission:** Contact ABC Customer Care Warranty Department for guidance.
- **Monitoring and performance:** The claim records pertaining to this Bulletin will be used to determine that the remedy has been executed in accordance with the manufacturer's instructions and to evaluate the status of this Field Change Program.

DISCLAIMER:

The procedures contained herein are not exclusive. Van Hool cannot possibly know, evaluate, or advise the transportation industry of all conceivable ways in which a procedure may be undertaken or of the possible consequences of each such procedure. Other procedures may be as good, or better, depending upon the particular circumstances involved. Each carrier who uses the procedures herein must first satisfy itself thoroughly that neither the safety of its employees or agents, nor the safety or usefulness of any products, will be jeopardized by any procedure selected.

INFORMATION HANDLING:

Important additions and modifications regarding technical information not yet included in the manual will be communicated through Service Bulletin.

VAN HOOL CUSTOMER PORTAL:

Consult the customer portal regularly for the latest service documentation. Beside the maintenance manual, you will also find the operating manual and the spare parts catalogue of your vehicle on the customer portal. The customer portal is accessible through www.vanhool.be, and only with a code (password) from Van Hool. If you do not have a password yet, request it by using the link on the Van Hool website.