

Value in motion

SB-10043256-7535



TEMESA

SERVICE BULLETIN

TS35-U01



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00 Foreword

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1. About Temsa

1.1. Temsa Global At a Glance

TEMSA GLOBAL is a Turkish company established in 1968 with its head office in Istanbul (Turkey). Apart from the production of buses and coaches, TEMSA GLOBAL's activities cover the construction and distribution of light commercial vehicles and the distribution of construction machinery. The company currently employs more than 2.000 people.

1.2. Then and Now

TEMSA purchases its engines from a number of different suppliers (as for example DAF MAN or CUMMINS). Coaches and midi-buses manufactured by are exported to more than 40 countries, many of which are EU member states (including France, Germany, Belgium, Italy, United Kingdom, Poland, Austria, Hungary, Greece, Bulgaria etc). In total, 75% of the buses produced by TEMSA are exported.

TEMSA is determined to focus on satisfying its customers and to continue on its path of success through improvement, innovation and development with full confidence.

2. General Precautions

Please read the rules in this Section carefully; to avoid the risk of death, injury or property damage. Qualified and trained technicians should use The Service Bulletin. Making repairs or service without the adequate training and using inappropriate tools and equipment may cause injury and could damage the bus. Some of the procedures require specific tools designed for specific purposes, so use the tools mentioned in the manual when necessary.

Bus service and repair must be done correctly following the instructions to ensure the safety of the service technician and correct function of the bus. If a part must be replaced, the same part number or an equivalent part should be used. Pay great attention to use a replacement part of good quality.

NOTE

Service bulletin expiry dates differ according to service bulletin type.

- **Service Campaign:** 8 months after the date of issue - if it is not safety related.
(In case of safety related bulletins, urgency will be mentioned on the Service Bulletin)
- **Field Fix:** Application period of this bulletin is 12 months after the date of issue.
- **Product Modification:** Application period of this bulletin is 6 months after the date of issue.
- **Repair and Service Information:** Application period of this bulletin is 12 months after the date of issue.

For further information, please contact

international_technical_support@temsaglobal.com

3. Symbol List

Operating Instructions in this bulletin includes the following symbols, warning words and signs:



CAUTION

This symbol is used in conditions which may cause damage or injury if necessary measures are not taken.



WARNING

This symbol is used in conditions which may cause severe damage or fatal injury if necessary measures are not taken.



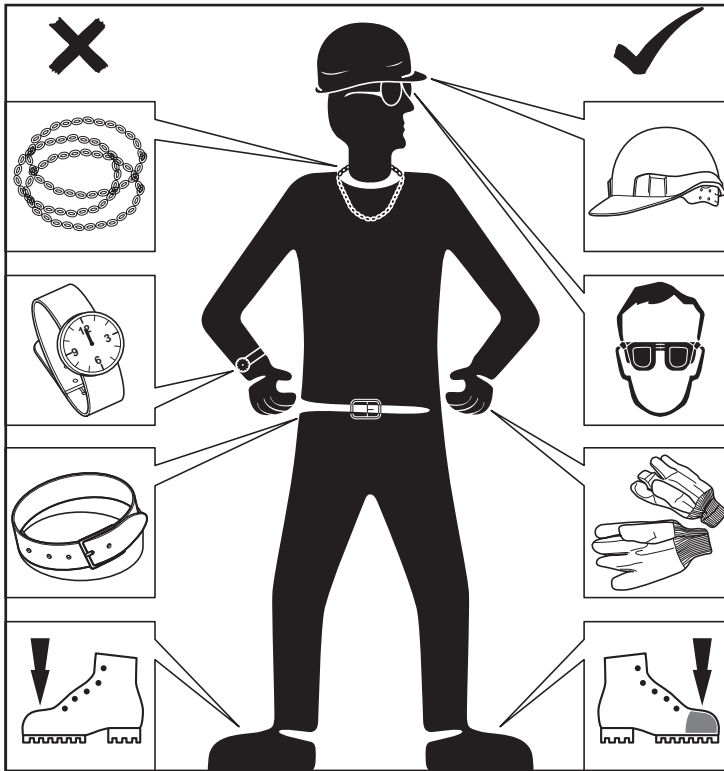
DANGER

This symbol is used to indicate danger.



VISUAL INSPECTION

This symbol is used to inform the user that a visual inspection is necessary.



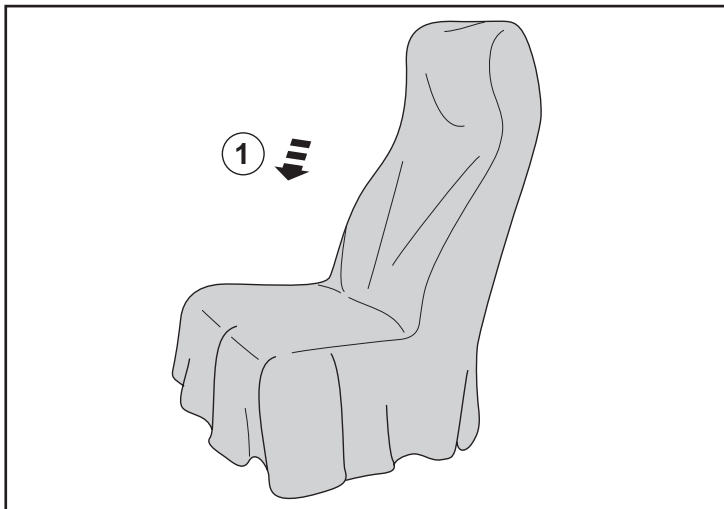
4. Before Start of Work

4.1. Mechanical Requested Dress Code

Always wear protective clothing. Do not wear any damaged or loose-fitting clothing and remove jewelry before starting the work. In case of long hair use hairnet. The illustration below shows some of the correct on incorrect clothing that should be worn during work. Sharp edges should be avoided e.g belts, watches, necklaces to prevent scatching the vehicle.

WARNING

Dress correctly to avoid injury and damage to the vehicle.



4.2. Protect Seats When Mechanics Start Working

1. Seats, trimming, upholstery stuff and carpeting should be protected with appropriate coverings.

01 Bulletin Information

Bulletin Type Field Fix
Bulletin No TS35-U01
Bulletin Reference No 700001320
Rev No 00
Release Date 05.01.2012
Expiry Date 05.01.2013
Vehicle Model TS35
Flat Rate Code SBU01
Flat Rate Time 15 Minutes



CAUTION

After service bulletin application, send your claim over CATS V2 within application period. Refer to "How to Claim over CATS" page for further information.

SUBJECT

TS-35 EPA10 alternator charge system modification.

SUMMARY

The Aim of this bulletin is to solve the Alternator low charge Voltage issue (while charging Alternator output Voltage around 25V). After applying this modification Alternator Charge Voltage must be around 27-28Volts level.

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Approved by.....Osman Dünder

Published by.....Muhittin Bozok

Distribution to:



Dealer/Retailer



TEMSA After Sales Team



Authorised Service Centre



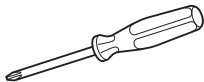
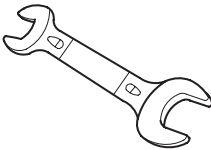
02 Tools

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1. General

- If work is performed by people who do not have the necessary training to carry out the work or if this information is handled carelessly or totally ignored, this may result in severe injury and/or death. In addition, serious damage to the vehicle may occur.
- Always read the safety instructions in full before starting certain operations. The safety instructions stipulate which aspects must be considered to achieve maximum safety. The information is given that is very important for health and safety.
- Always work in adequately ventilated rooms with sufficient lighting, free from dirt and clutter. Never leave tools or parts lying around, keep away from (high-) voltage sources that present a risk of short-circuiting. Always wear protective clothing. Do not wear any damaged or loose-fitting clothing and remove jewelry before starting the work. In case of long hair use hairnet.
- Tool list below is a recommended list. It is not a must to use the exact same tools.

2. Tools (Recommended)

 <p>Screw Driver</p>	 <p>Open wrench double ended</p>
---	---

03 Part List

Installed Part List

	Part No	Part Name	Qty.
1	TC398915Y	BAND CABLE	2

04 Technical Instructions



Photo 1

1. Turn the ignition off.



Photo 2

2. Turn the battery main switch off.



Photo 3

3. If you have six fuse blocks in your electric panel as shown Photo 4 follow Step 3a otherwise got Step 3b. (Six FuseBlocks , each has 20 fuses on it)

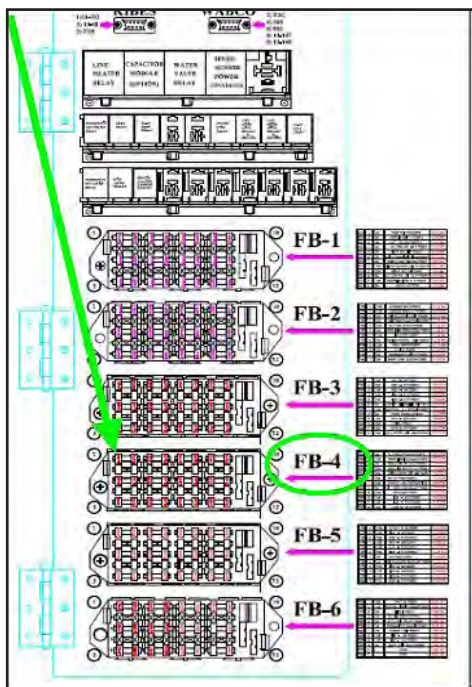


Photo 4

3a. Disconnect the 16-202 cable at the back of the FB4-1 fuse. (Photo 4, 5, 6)

TEMSA delivered the first 10 EPA10 TS35 buses with this type of FUSE BLOCKS as shown below , each FUSEBLOCK has 20 fuses on it

16-202 Cable

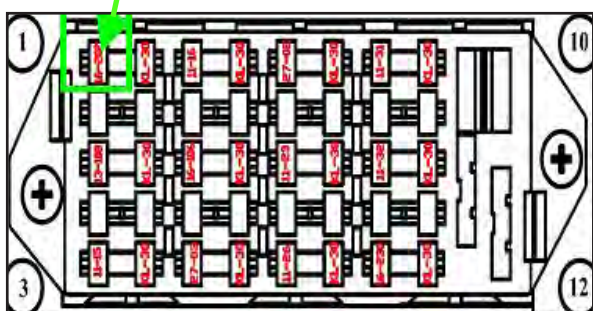


Photo 5

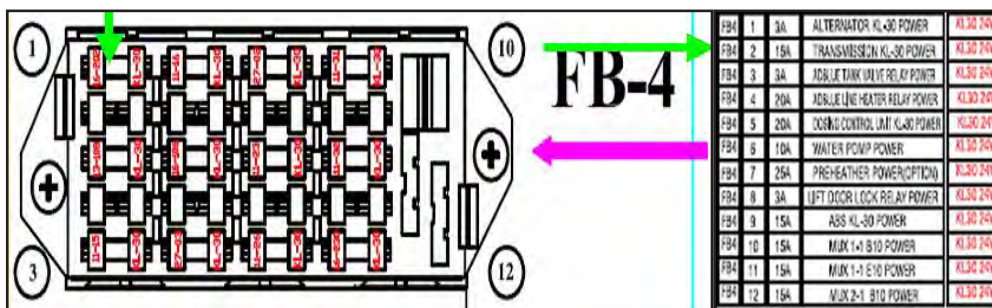


Photo 6

If you have 13 fuse blocks in your electric panel as shown below follow Step 3b otherwise go to Step 3a then continue with Step 4 (Six FuseBlocks , each has 8 fuses on it)

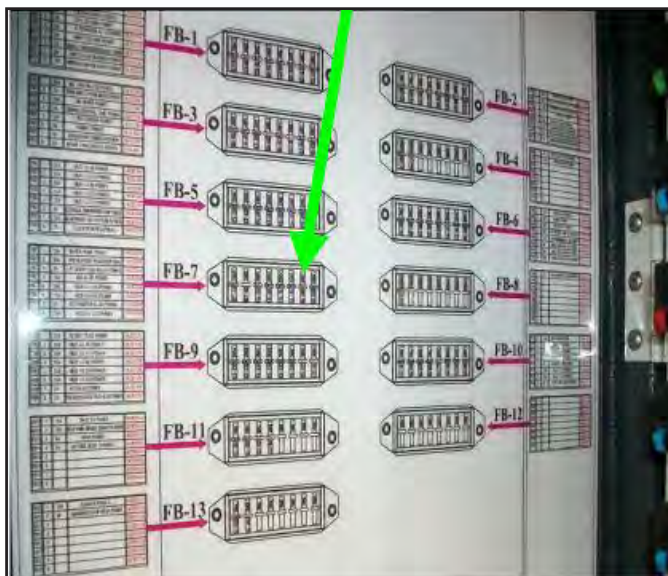


Photo 7

3b. Disconnect the 16-202 cable at the back of the FB7-7 fuse.

Except for the first ten buses TEMSA delivered the all other EPA10 TS35 buses with this type of fuse as shown below, each FUSEBLOCK has 8 fuses on it.



Photo 8

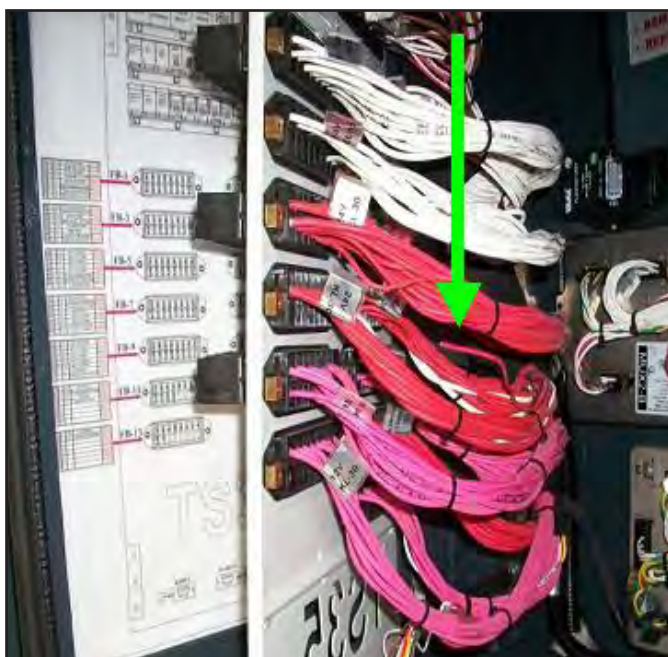


Photo 9



Photo 10



Photo 11

4. Isolate the cable with isolation tape.

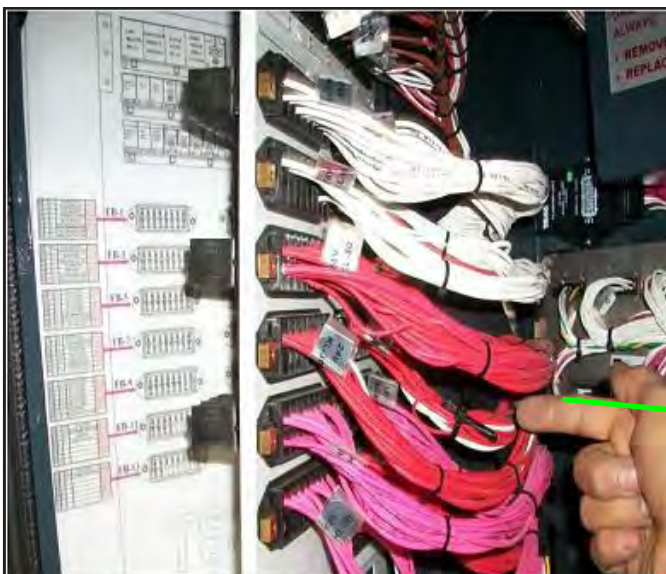


Photo 12

5. Fix the other cables with cable ties.

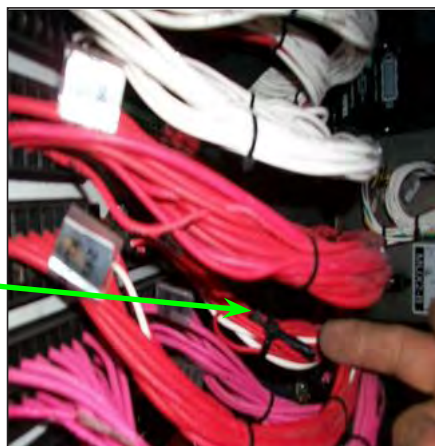


Photo 13



Photo 14

6. Turn the battery main switch on.



Photo 15

7. Turn the ignition on.



Photo 16

8. Start the engine and then check the battery voltage whether between 27-28V.



Photo 17

05 Affected Vehicle List

	VIN.	COUNTRY
1	NLTRPPR75B1000002	USA
2	NLTRPPR77B1000003	USA
3	NLTRPPR79B1000004	USA
4	NLTRPPR70B1000005	USA
5	NLTRPPR72B1000006	USA
6	NLTRPPR74B1000007	USA
7	NLTRPPR76B1000008	USA
8	NLTRPPR78B1000009	USA
9	NLTRPPR74B1000010	USA
10	NLTRPPR76B1000011	USA
11	NLTRPPR72C1000041	USA
12	NLTRPPR74C1000042	USA
13	NLTRPPR76C1000043	USA
14	NLTRPPR78C1000044	USA
15	NLTRPPR7XC1000045	USA
16	NLTRPPR71C1000046	USA
17	NLTRPPR73C1000047	USA
18	NLTRPPR75C1000048	USA
19	NLTRPPR77C1000049	USA
20	NLTRPPR73C1000050	USA
21	NLTRPPR71C1000001	USA
22	NLTRPPR75C1000003	USA
23	NLTRPPR77C1000004	USA
24	NLTRPPR79C1000005	USA
25	NLTRPPR70C1000006	USA
26	NLTRPPR72C1000007	USA

	VIN.	COUNTRY
27	NLTRPPR74C1000008	USA
28	NLTRPPR76C1000009	USA
29	NLTRPPR72C1000010	USA
30	NLTRPPR74C1000011	USA
31	NLTRPPR76C1000012	USA
32	NLTRPPR78C1000013	USA
33	NLTRPPR7XC1000014	USA
34	NLTRPPR71C1000015	USA
35	NLTRPPR73C1000016	USA
36	NLTRPPR75C1000017	USA
37	NLTRPPR77C1000018	USA
38	NLTRPPR79C1000019	USA
39	NLTRPPR75C1000020	USA
40	NLTRPPR77C1000021	USA

06 How to Claim over CATS



1. Under CATS tab click on “Work Order” to create the work order.



2. Enter the related chassis number, work order type, failure, repair dates and vehicle milage in order to create work order.

Customer Services @TEMSA

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WORK ORDER

New Work Order

[Back](#)

VIN: **NLTTMUF6L01000015** Date: KM:

Work Order Type: Service Bulletin Failure: 10/5/2009 12,358

WOF No: Repair: 10/5/2009 12,358

Hint: Please select service bulletin.
Parts and labour info will be automatically displayed.
If you have comments please fill Customer's Comment area.
Click on "Send To Temsa".

Select a Non-Applied Service Bulletin

Service Bulletin No	Rev. No	Description
TR-09091	00	IMPROVEMENT IN CONVECTORSHEATING SYSTEM
TR-09092	00	IMPROVEMENT OF THE INTERCOOLER OPERATION
TR-09097	00	IMPROVEMENT ON FAN DRIVE MECHANISM

3. Select the applied bulletin.

L01000015 Date: KM:

Failure: 10/5/2009 12,358

Repair: 10/5/2009 12,358

Partially displayed.
Customer's Comment area.

Service Bulletin

Service Bulletin No: TR-09092
Description: IMPROVEMENT OF THE INTERCOOLER OPERATION

Parts	Quantity
SB259204	1

Labour Cost: 60.00 x 0.5 = 30.00 EUR

Customer's Comment:
If you have additional notes please write here

[Send To Temsa](#)

4. Please add your additional comments if necessary and click on "Send to Temsa" to complete your work order.



TEMSA

Stamp

temsa.com

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