

Subject: General Software Improvement Bulletin Bulletin Type: Field Fix Conditional

Bulletin No: TS45-FC-2301	PQR No: 50000007196, 50000007197
Rev No: 00	Ref. No: 700004200
Vehicle Model: TS45	Flat Rate Time / Code:50 min
Date of issue: 03.02.2023	Modify Before: 03.02.2024
What to do with off coming parts:	What to do with outstanding parts of previous revision:
□ Scrap	□Scrap
□Return	□Return
□Use with additional parts	□Use with additional parts
□On consignment	□On consignment
5	

Description of the modification:

The purpose of the bulletin is to ensure the improvement of brake tank air pressure sensor warnings and fire extinguishing system warnings.

Bulletin Responsible: Bahadır Kaya

Published & Approved By: Alper Tekniker



SAFETY INSTRUCTIONS

1. Mechanical Requested Dress Code



WARNING:

- Dress properly to avoid personal injury and damage to the vehicle
- ✓ Always wear protective clothing
- ✓ Do not wear any worn or loose-fitting clothing
- ✓ Remove jewelry before starting to work
- ✓ In case of long hair, use hairnet
- ✓ The illustration on the left shows some of the correct and incorrect clothing
- Sharp edged items should be avoided in order not to scratch vehicle (i.e. belts, watches, necklace)

2. Protect Seats when Mechanic Starts Working



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

3. Welding on the Chassis

- a. Always disconnect the batteries (starting with the negative lead).
- b. Disconnect the connectors of electrical and electronic equipment (electronic control units, sensors and actuators) if they are less than 2 meters away from the chassis part to be welded or the earth terminal of the welding equipment.
- c. The earth terminal should never be attached to vehicle components such as engine, axles and springs. Arcing on these parts is not permitted, because of the risk of damage to bearings, springs, etc.
- d. The earth terminal must make good contact and be placed as close as possible to the part to be welded.
- e. Plastic pipes, rubber parts and parabolic springs should be well protected against welding spatter and temperatures higher than 70°.
- f. The contact switch must not be in the accessory or contact position. The contact key should be removed.
- g. Reconnect in reversed order of disconnecting. Ensure that a good earth connection is made between chassis, engine and cab.



INCLUDED PARTS LIST

Part No	Part Name	Picture	Qty	Unit of Measure

The program Link

Kibes :

** TS00-LC3-018 software should be installed on vehicles with software starting with TS00-LC3-...

https://content.temsa.com/ContentServer/ContentServer.dll?get&pVersion=0045&contRep=ZADNSPEKTE P07101&docId=5CF3FCE8C08E1EEDAAF21ED3D07ABF82&accessMode=r&compId=TS00-LC3-018.zip

Multiviu :

**TS00-MV-024 software should be installed on vehicles with software starting with TS00-MV-...

https://content.temsa.com/ContentServer/ContentServer.dll?get&pVersion=0045&contRep=ZADNSPEKTE P07101&docId=5CF3FCE8C08E1EEDA8F3617B4F9FBF82&accessMode=r&compId=TS00_MV_024.L2P.zip



Uploading the up to date program(Kibes):

1- Park the vehicle to an area which is proper to work.



2- To install the KIBES software, locate the KIBES socket next to the OBD socket by looking at the label on the cover.





3- Connect one end of the KIBES cable to the CANanalyzer or Peak cable and the other end to the KIBES diagnostic socket. Connect the CANanalyzer or Peak output to the computer. Make sure that the KIBES dongle is inserted to your computer.













4- Install the KIBES software on the vehicle as described in the images. Turn the ignition switch on. Do not start the engine.

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Hint: The software version must be selected correctly. The number shown in the picture may be representative.

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4.1- Click "Preferences" to check the Baudrate and port. (for TS Coachs 250000)

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4.2- Click on the instructions shown in order in the picture.





Uploading the up to date program (Multiviu):

1-Park the vehicle to an area which is proper to work.

2-Connect your computer to the vehicle by using the CANalyzer interface. Plug the USB part into your computer and connect your CAN cable to the 9 pinned OBD port with the D pin low and the C pin high.







- 3- Turn the ignition switch on. Do not start the engine.
- 4- Make sure that the KIBES dongle is inserted to your computer.





5- Select the "Open Project" selection and click "next".











6-Right click on Mulviu then click "Communication Settings" check the Port and Baudrate.





7-Then Right click on Mulviu, Download the logic side of the program.





8-Right click on Mulviu again then click "Archive Download"





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9- You should find program in your workspace then double click the program.

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	TS00_MV_013.L2P	28.04.2022 08:28	De
Masaüstü	TS00_MV_022.L2P	9.05.2022 12:31	De
	TS00_MV_023.L2P	10.01.2023 20:01	De
1	TS00_MV_023_TS35_T	11.01.2023 09:31	De
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11- After the software is checked, click the "Build New Archive", then click the "Archive Download".

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12-When a warning occurs, click OK, then wait for the program to be downloaded. Do not cut the power off during the download process, this could cause the body controller to dysfunction.



VEHICLE LIST

No	Otpa No	Model	Chassis No	Country
1.	OA15582	TS45	NLTEJXA92M1000328	USA
2.	OA15595	TS45	NLTEJXA94M1000329	USA
3.	OA16249	TS45	NLTEJXA96N1000334	USA
4.	OA16273	TS45	NLTEJXA99N1000330	USA
5.	OA16331	TS45	NLTEJXA90N1000331	USA
6.	OA16332	TS45	NLTEJXA92N1000332	USA
7.	OA16334	TS45	NLTEJXA98N1000335	USA
8.	OA16335	TS45	NLTEJXA9XN1000336	USA
9.	OA16336	TS45	NLTEJXA91N1000337	USA
10.	OA16342	TS45	NLTEJXA9XP1000338	CANADA
11.	OA16343	TS45	NLTEJXA95N1000339	USA
12.	OA16344	TS45	NLTEJXA91N1000340	USA
13.	OA16345	TS45	NLTEJXA93N1000341	USA
14.	OA16346	TS45	NLTEJXA95N1000342	USA
15.	OA16397	TS45	NLTEJXA97N1000343	USA
16.	OA16398	TS45	NLTEJXA95P1000344	USA
17.	OA16399	TS45	NLTEJXA90N1000345	USA
18.	OA16400	TS45	NLTEJXA92N1000346	USA
19.	OA16401	TS45	NLTEJXA94N1000347	USA
20.	OA16402	TS45	NLTEJXA92P1000348	USA
21.	OA16403	TS45	NLTEJXA94P1000349	USA
22.	OA16404	TS45	NLTEJXA90P1000350	CANADA
23.	OA16485	TS45	NLTEJXA92P1000351	USA
24.	OA16486	TS45	NLTEJXA94P1000352	USA
25.	OA16487	TS45	NLTEJXA96P1000353	USA
26.	OA16488	TS45	NLTEJXA98P1000354	USA
27.	OA16505	TS45	NLTEJXA9XP1000355	USA
28.	OA16506	TS45	NLTEJXA91P1000356	USA
29.	OA16507	TS45	NLTEJXA93P1000357	USA
30.	OA16508	TS45	NLTEJXA95P1000358	USA
31.	OA16509	TS45	NLTEJXA97P1000359	USA
32.	OA16527	TS45	NLTEJXA93P1000360	USA
33.	OA16528	TS45	NLTEJXA95P1000361	USA
34.	OA16529	TS45	NLTEJXA97P1000362	USA
35.	OA16530	TS45	NLTEJXA99P1000363	USA
36.	OA16531	TS45	NLTEJXA90P1000364	USA
37.	OA16542	TS45	NLTEJXA92P1000365	USA
38.	OA16543	TS45	NLTEJXA94P1000366	USA
39.	OA16544	TS45	NLTEJXA96P1000367	USA
40.	OA16555	TS45	NLTEJXA98P1000368	USA
41.	OA16556	TS45	NLTEJXA9XP1000369	USA
42.	OA16557	TS45	NLTEJXA96P1000370	USA
43.	OA16641	TS45	NLTEJXA98P1000371	USA
44.	OA16642	TS45	NLTEJXA9XP1000372	USA
45.	OA16643	TS45	NLTEJXA91P1000373	USA
46.	OA16644	TS45	NLTEJXA93P1000374	USA
47.	OA16645	TS45	NLTEJXA95P1000375	USA
48.	OA16646	TS45	NLTEJXA97P1000376	USA



No	Otpa No	Model	Chassis No	Country
49.	OA16647	TS45	NLTEJXA99P1000377	USA
50.	OA16727	TS45	NLTEJXA90P1000378	USA
51.	OA16728	TS45	NLTEJXA92P1000379	USA
52.	OA16736	TS45	NLTEJXA99P1000380	USA
53.	OA16737	TS45	NLTEJXA90P1000381	USA
54.	OA16745	TS45	NLTEJXA92P1000382	USA
55.	OA16783	TS45	NLTEJXA94P1000383	USA
56.	OA16784	TS45	NLTEJXA96P1000384	USA
57.	OA16786	TS45	NLTEJXA9XP1000386	USA
58.	OA16790	TS45	NLTEJXA91P1000387	USA
59.	OA16880	TS45	NLTEJXA93P1000388	USA
60.	OA16881	TS45	NLTEJXA95P1000389	USA
61.	OA16882	TS45	NLTEJXA91P1000390	USA
62.	OA16898	TS45	NLTEJXA93P1000391	USA

LABOR BREAKDOWN

Application	Time
Downloading ZR5 Kibes Program	5m
Downloading Multiviu Program	5m
Archive Downloading of Multiviu	40m
Total Labor Time	50m