

Bulletin type: **FIELD FIX CONDITIONAL**

Subject: **TS45 WC Vibration Sound  
Improvement**

Bulletin Number: **TS45-FC-2516**

PQR Number: **500000007759**

Rev Nu: **00**

Ref. Number: **700004590**

Vehicle Model: **TS45**

Labor time: **45 Minute**

Release date: **30.05.2025**

Expiration Of Validity : **30.05.2026**

**What to do with off coming parts:**

- ☐ Scrap
- ☐ Return
- ☐ Use with additional parts
- ☐ On consignment
- ☒ No off coming parts

**What to do with outstanding parts of previous revision:**

- ☐ Scrap
- ☐ Return
- ☒ Use with additional parts
- ☐ On consignment
- ☐ No off coming parts

**Description of the modification:**

This service bulletin includes the application instructions regarding the WC vibration noise problem detected in TS45 vehicles.

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Confirmation & Release: CEMRE KILINÇ

## SAFETY INSTRUCTIONS

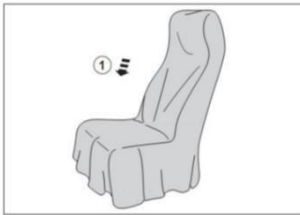
### 1. Mechanical Requested Dress Code



#### 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.




## PARTS LIST

Released Piece:

Output Parts:

-

Input Parts:

No	Part No	Part Name	Picture	Qty
1	02.89.00.433N	2X1000X2000 MM PIR SHEET,BULTEN FOR		1
2	9544-06Y	ADHESIVE TAPE (DOUBLE SIDED) 66 METER		1
3	SM-36Y	BAND 5M		1

**\*\*This bulletin includes the application instructions regarding the WC vibration noise problem detected in TS45 vehicles.**

**\*\*If a WC vibration noise is detected while the vehicle is driving, follow the instructions below.**

## TECHNICAL INSTRUCTIONS

1- Follow the instructions below;

- a) Take the vehicle for service and turn off the engine.
- b) Make sure you turn off the vehicle's breaker before starting the process.



2- There are 4 screw on closet seat and screw caps on each screw to hide it.  
First, unscrew the screw caps by hand.



**3- After unscrew the screw caps, the screws are appeared as shown in the picture. Unscrew the screws using a screwdriver.**



**4- Then open toilet seat lid, as shown in the picture below.**



5- Remove the toilet bowl by hand.



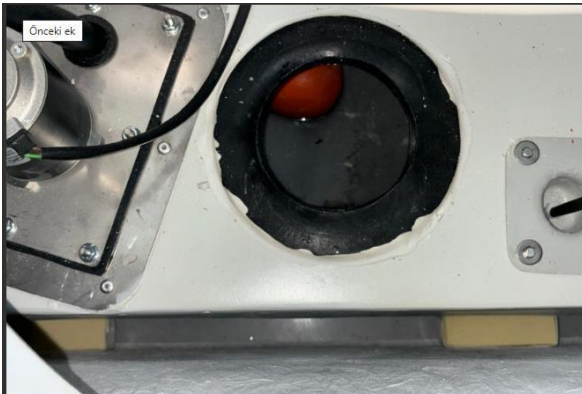
6- Recline it against the restroom wall.



7- Insert the appropriate size insulation foam (self-adhesive or with double-sided tape) at two points between the closet cover and the waste tank, as shown in the pictures below.

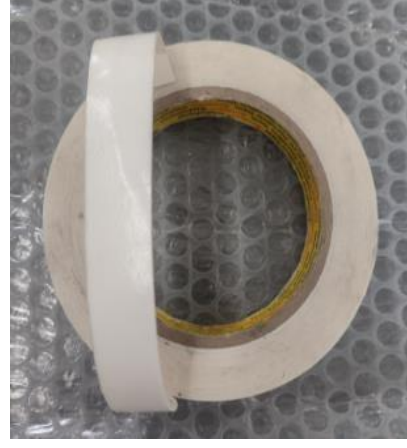


**WC Area:** Double-sided SM and hard styrofoam were placed between the water tank and the main body, preventing the flexibility and eliminating the noise problem. (25 minute)





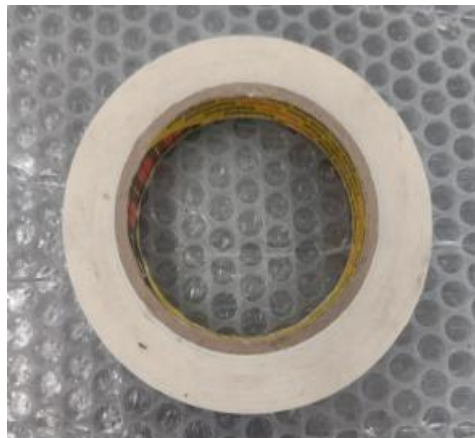
**Mica Glass Area:** Double-sided white SM tape is applied between the glass and its frame to eliminate flexibility and reduce noise. (10 minute)



**Maintenance Cover:** By applying single-sided black SM26 around the maintenance cover, the flexibility is prevented and the noise problem is eliminated. (5 minute)



**Bin:** Double-sided white SM tape is applied around the bin. (5 minute)





## AFFECTED VEHICLES LIST

NUMBER	CHASSIS LIST	COUNTRY
1	NLTEJXB91S1000557	USA
2	NLTEJXB93S1000558	USA
3	NLTEJXB95S1000559	USA
4	NLTEJXB98S1000555	USA
5	NLTEJXB91S1000560	USA
6	NLTEJXB93S1000561	USA
7	NLTEJXB95S1000562	USA
8	NLTEJXB97S1000563	USA
9	NLTEJXB99S1000564	USA
10	NLTEJXB90S1000565	USA
11	NLTEJXB92S1000566	USA

## LABOR TIME

Application	Time
<b>Total labor time spent for 1 vehicle</b>	<b>45'</b>
<b>Total</b>	<b>45 Minute</b>