

Subject: TS45 Brake Sensor Corrosion

Bulletin Type: FC

Bulletin No: TS45-FC-2514

PQR No: 500000007816

Rev No:0

Ref. No:000700004635

Vehicle Model: TS45

Flat Rate Time / Code: 4 men x hours

Date of issue: 30/04/2025

Modify Before: 30/04/2026

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 outstanding parts

Description of the modification:

To prevent corrosion caused by road conditions (such as the salting of roads) on the brake sensors of TS45 vehicles, a design modification was implemented to shield the sensors from external environmental exposure.

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Published & Approved By: Ahmet Ozan Özcan

## SAFETY INSTRUCTIONS

### 1. Mechanical Requested Dress Code

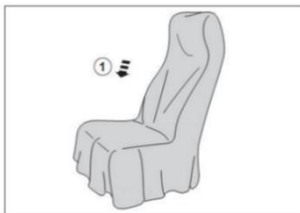


#### WARNING:

- 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.

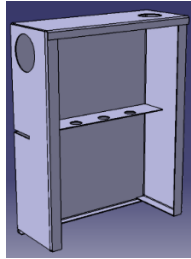
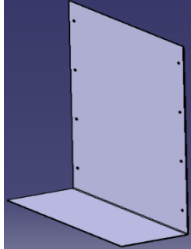

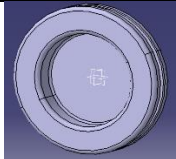
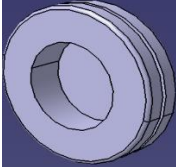

### 3. Welding on the Chassis

- Always disconnect the batteries (starting with the negative lead).
- 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.
- 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.
- The earth terminal must make good contact and be placed as close as possible to the part to be welded.
- Plastic pipes, rubber parts and parabolic springs should be well protected against welding spatter and temperatures higher than 70°.
- The contact switch must not be in the accessory or contact position. The contact key should be removed.
- Reconnect in reversed order of disconnecting. Ensure that a good earth connection is made between chassis, engine and cab.

### CANCELED PART LIST PER VEHICLE

No canceled parts.

### INCLUDED PART LIST PER VEHICLE

NO	PRODUCT NO	PRODUCT NAME	IMAGE	QTY	UNIT
1	9325-8289	Plate, Brake Sensor		1	PIECE
2	9325-8290	Plate, Brake Sensor		1	PIECE
3	-	CRC SP400 Corrosion Inhibitor		1	PIECE
4	TM212144	Grommet Ø55		1	PIECE
5	MS810086	Grommet, Blind(35)		1	PIECE
6	SM-36Y	Band	-	0,6	METER
7	MP453093Y	Oval Head Screw		8	PIECE

**NOTE: If the part has not been published in the system, record your usages and invoice it to Temsa.**



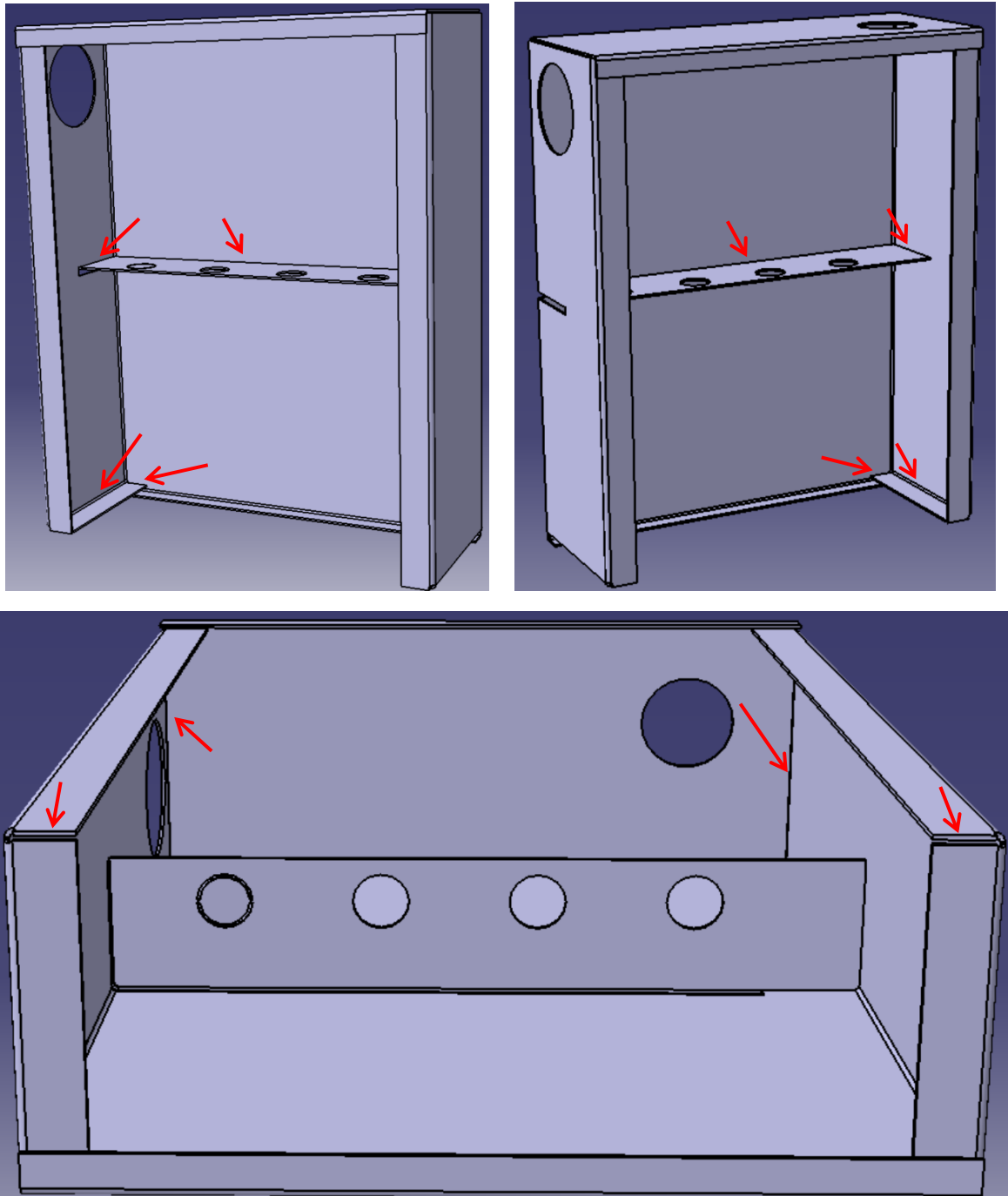
*Figure 1 – Application of Sealing Compound*

Sealing should be applied to close gaps caused by bends after the material has been produced.



*Figure 2 – Application of Sealing Compound*

After the sealing compound process, product should be paint, color specified in the technical drawing.



*Figure 3 – Required Points of Sealing Application*

Sealing must be applied to the areas indicated in the above visual before the part is painted.



*Figure 4- Application of Grommet*



*Figure 5- Application of Grommet to Cable and Hose Holes*

Grommet must be applied to the holes indicated in the visual above, and foam edge tape must be applied to the specified surfaces.

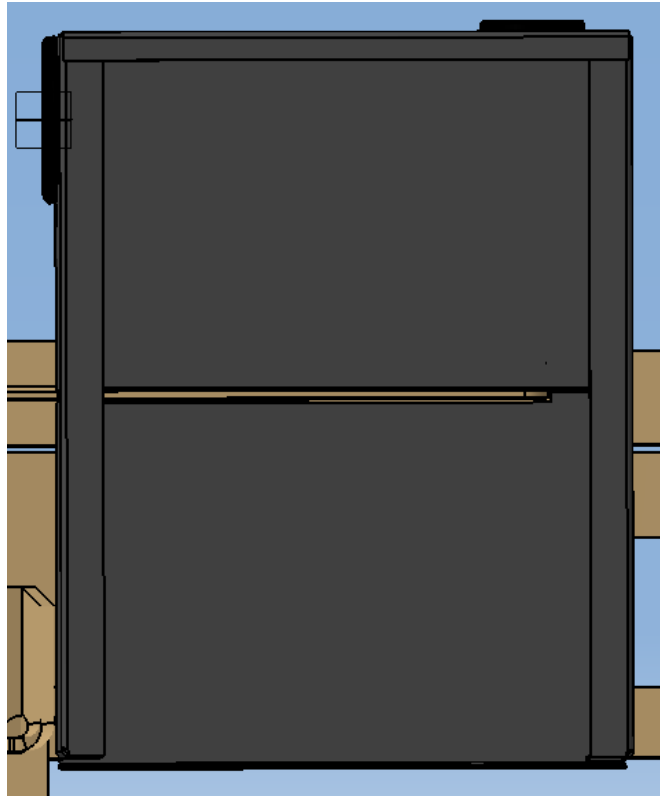


Figure 6 – Assembled View of the Part on the Vehicle

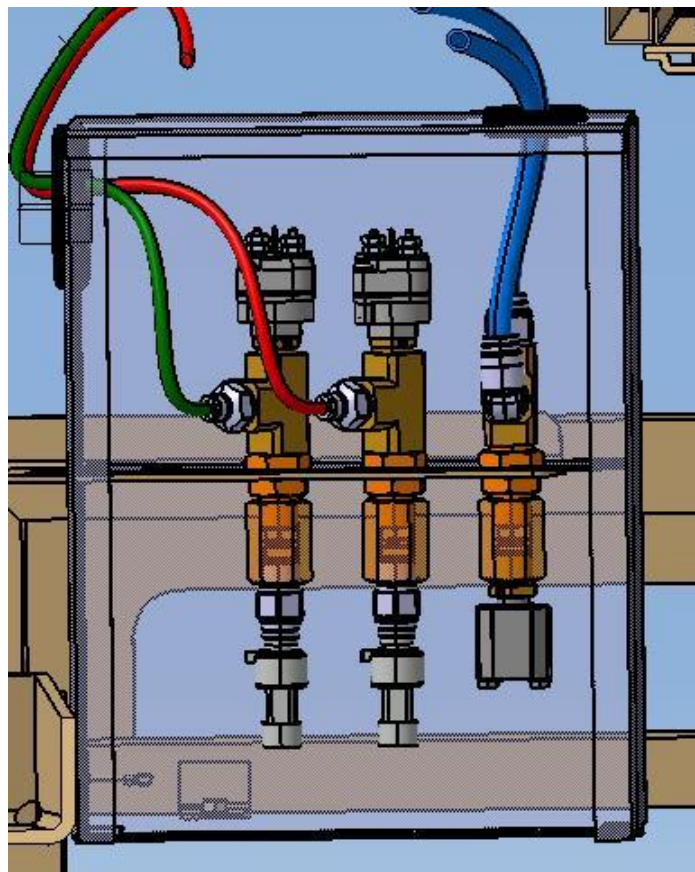


Figure 7- Assembled View of the Part on the Vehicle

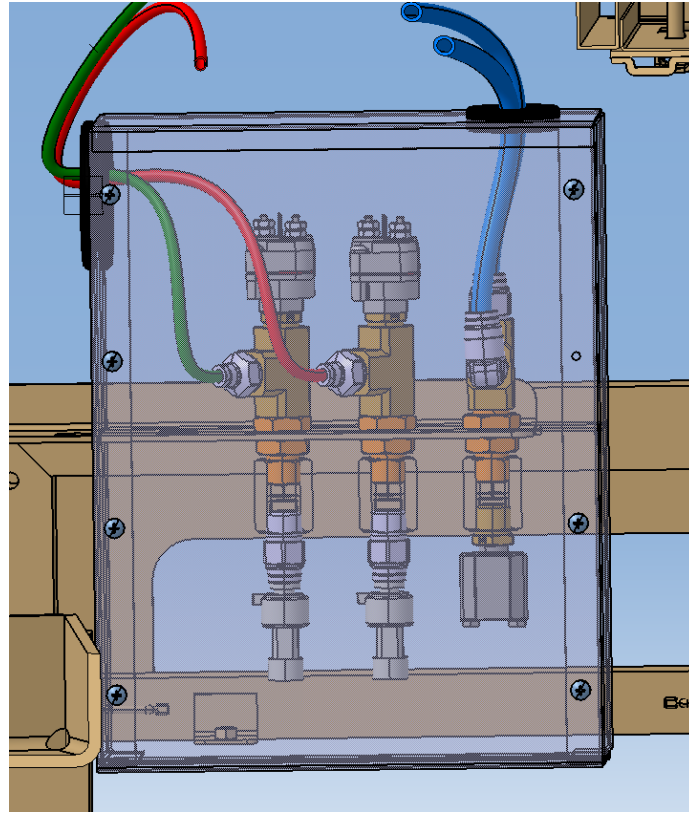


Figure 8 - Assembled View of the Part on the Vehicle



Figure 9 - Assembled View of the Part on the Vehicle



*Figure 10 - Assembled View of the Part on the Vehicle*

After part number 9325-8289 is mounted onto the vehicle, CRC SP400 Corrosion Inhibitor must be applied to the brake sensors. Following this application, part number 9325-8290 must be mounted and secured using 8 screws.

## LABOR BREAKDOWN

Application	Time
Demounting Old Systems	0 hour
Mounting New Systems	4 hours
<b>Total Labor Time</b>	<b>4 hours</b>

## AFFECTED VEHICLE

No	VIN
1	NLTEJXA93R1000457
2	NLTEJXA95R1000458
3	NLTEJXB96S1000618
4	NLTEJXB94S1000620
5	NLTEJXB98S1000622
6	NLTEJXB9XS1000623
7	NLTEJXB97S1000658
8	NLTEJXB95S1000660
9	NLTEJXB99S1000659
10	NLTEJXB97S1000661