

Service Bulletin



Subject: Printed Circuit Board (PCB) Maintenance Guidelines and Inspection

Product:

Kalmar Ottawa T2 4x2 DOT/EPA;
Kalmar Ottawa T2 Off Road;
Kalmar Ottawa T2 6X4 DOT/EPA

**Service Bulletin
Number:**

26 TI 0086

Date: August 10, 2026

Pages:
1 of 7

To: All Kalmar US and Canada Sales Companies,
Dealers, and Customers

From: Terminal Tractor Division

1. PURPOSE & OVERVIEW Kalmar has identified a potential issue regarding the Printed Circuit Board (PCB) performance that can arise from improper maintenance practices. The Kalmar Maintenance Manual and Operator Manual may also refer to the PCB as the “power board”. The PCB described in this Service Bulletin is the same component as the power board referenced in those manuals.

PCB moisture, contaminants, or improper installation procedures of third-party components can cause premature component degradation or failure. In some cases, this can lead to fires, including when the machine is turned off.

All customers and service technicians must review and immediately comply with the maintenance and inspection guidelines outlined below.

2. CONFIRMATION OF MAINTENANCE PRACTICES

All customers and service technicians on the affected models must follow the maintenance guidelines below:

Keep the cab—including the dash—free of debris, dust, and liquids at all times.

Though these guidelines may appear obvious, compliance is required in all cases:

- Spills: Immediately wipe and remove all liquid from the dash, including the center panel and its side edges. Do not allow spills to sit or drain into the panel.
- Debris: If installing third-party components on the dash, remove all resulting debris (i.e. metal shavings) from the area after the work.
- General care: After any cab use or work that introduces liquids, shavings, dust or other materials, especially on or near the dash, wipe down the area thoroughly to prevent contact with the PCB or other components.

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2 of 7

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Failure to maintain a clean cab environment can allow liquid or debris to reach the PCB, risking damage and premature corrosion to electrical components.

3. INSPECTION REQUIREMENT

All Kalmar Ottawa T2 4x2 DOT/EPA, Kalmar Ottawa T2 Off Road, Kalmar Ottawa T2 6X4 DOT/EPA units should be inspected immediately to determine whether corrosion exists in the area of interest of the cabin PCB, which is located beneath the center dash panel.

The area of interest is further described below.

Inspection Steps:

1. As indicated in the OT2 Maintenance Manual, place the machine on a level surface and ensure the parking brake is applied before starting work.
2. Isolate the low voltage batteries using the battery disconnect switch or removing the ground cables from the low voltage batteries.
3. Remove the PCB cover panel. The PCB cover panel is shown below:

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Pages:

3 of 7

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4. Inspect the PCB for visible corrosion in the area of interest. The area of interest is the surface area of the PCB within one inch of the L-shaped groove in the lower right portion of the PCB. The L-shaped groove is near the MAIN-GND and GND Cable Posts. The L-shaped groove can be found in the two photos below; in the first photo, the L-shaped groove sits inside the red box.
5. This visual inspection of the PCB should be conducted every six months.

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Service Bulletin

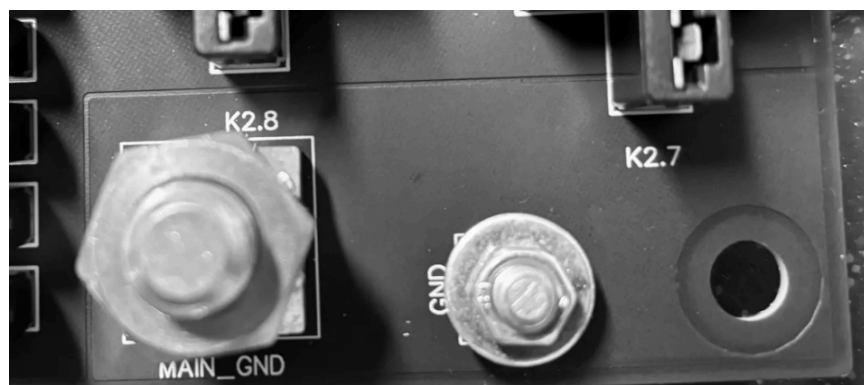
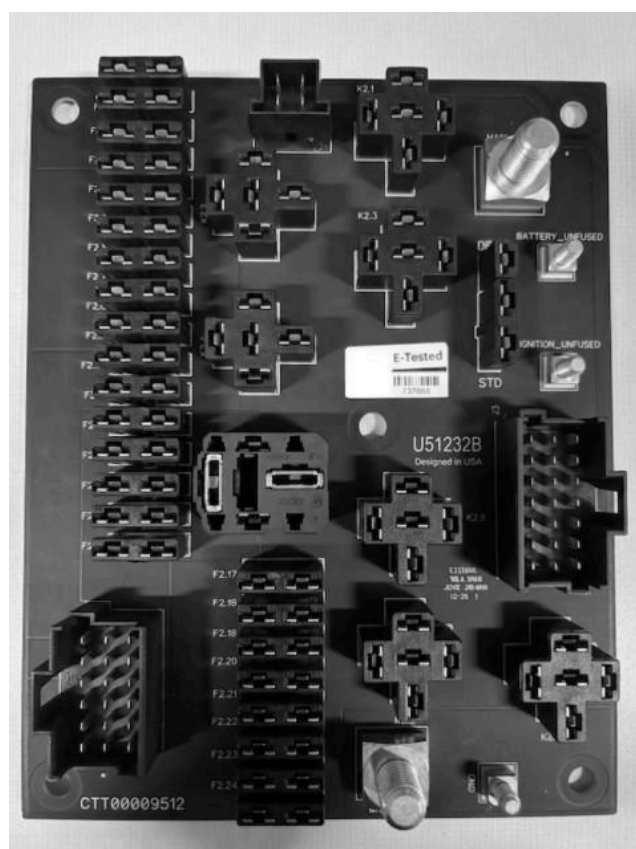
Number:
26 TI 0086

Date: August 10, 2026

Pages:
4 of 7

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Service Bulletin

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5 of 7

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The two photos above are photos from a new PCB without corrosion.

The four photos below show an example of corrosion on a PCB in the area of interest. Corrosion appears as green discoloration that is visible on the board. It can appear that the solder layer (black top surface of the PCB) is damaged. It usually appears powdery and topical. In some cases, the solder layer of the PCB appears to be flaking off around the corrosion area.



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Service Bulletin

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Pages:

6 of 7

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Service Bulletin



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Service Bulletin

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Pages:

7 of 7

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4. FOLLOW UP SUPPORT FROM KALMAR

If visual inspection reveals any evidence of corrosion in the area of interest, please take the following steps:

1. If the OT2 has a battery disconnect switch, it should be locked to the off position. If the OT2 does not have a battery disconnect switch, the negative cables should be disconnected from the low voltage batteries. The batteries are found in the battery box, as described in the OT2 Maintenance Manual.
2. Contact your local Kalmar representative so that Kalmar can determine the appropriate next steps, including potentially an inspection review, replacement of the PCB, or further field support.
3. The vehicle must remain out of use until the resolution proposed by Kalmar is completed.

5. KALMAR CONTACT & SUPPORT For assistance with parts, service scheduling, or clarification on this bulletin, please contact your authorized Kalmar service dealer or technical representative.