

NHTSA Defect Information Report

NHTSA Recall Campaign 23E-020

- 1. Manufacturer Name:** Orpak Systems Ltd.
- 2. Identification of the equipment potentially containing the defect:**
 - a. Generic Name of the Component:** Orpak μ DataPass Plus
 - b. Part Numbers:** 800907451 and Gasboy M09693B009 μ DataPass Plus
 - c. Serial Numbers:** 30051060 through 30051213 and 46000002 through 46000239.
 - d. Size and function:** Approximately 3 inches by 1 inch by 2 inches. Collects information from the vehicle's onboard computer and provides information to fleet management companies and users.
 - e. Date of manufacture:** December 2020
 - f. Brand or trade name:** Orpak μ DataPass Plus and Gasboy Micro-DataPass
 - g. Model Name:** n/a
 - h. Model Number:** n/a
 - i. Other necessary identification information:** n/a
 - j. If the component that contains the defect was manufactured by a different manufacturer, identify the component, country of origin, and the other manufacturer:** n/a
 - k. Description of the manufacturer's basis for its determination of the recall population:** Orpak is still evaluating whether a defect exists, but, based on internal and third-party investigations conducted to date, Orpak currently believes that, if a defect exists, it would be attributable to cracks in the capacitors near the edges of the boards. Orpak believes that these cracks could occur during the de-paneling process used to manufacture certain units in which individual boards are separated at weaker points created during routing. Orpak has identified the production dates and serial numbers of potentially defective units.

- 1. Description of how the items of equipment to be recalled differ from similar items of equipment not included in the recall:** Orpak is still evaluating whether a defect exists, but, based on internal and third-party investigations conducted to date, Orpak currently believes that, if a defect exists, it would be attributable to cracks in the capacitors near the edges of the boards. Orpak believes that these cracks could occur during the de-paneling process used to manufacture certain units in which individual boards are separated at weaker points created during routing. Non-recalled items were manufactured using a different process that does not cause capacitor cracking.
- 3. Total number of items that potentially contain the defect:** Orpak is still evaluating whether a defect exists, but, if a defect exists, Orpak estimates that approximately 10,000 units were manufactured using the manufacturing process that could give rise to the defect.
- 4. Percentage of items that contain the defect:** The recall population comprises approximately 10% of units that were sold.
- 5. Description of the defect:** Orpak is still evaluating whether a defect exists, but, based on internal and third-party investigations conducted to date, Orpak currently believes that, if a defect exists, it would be attributable to cracks in the capacitors near the edges of the boards. Orpak believes that these cracks could occur during the de-paneling process used to manufacture certain units in which individual boards are separated at weaker points created during routing.
- 6. Description of the risk to motor vehicle safety:** Orpak is still evaluating whether a defect exists or whether that defect could malfunction to cause property damage or injury, but the potential safety risk from any defect in DataPass Plus devices (P/N 800907451/Gasboy M09693B009) that are part of the recall population is potential overheating, melting, or fire, affecting both the DataPass Plus device (P/N 800907451/Gasboy M09693B009) and the vehicle to which it is connected. If the potential hazard materializes, potential injury could include property damage to the unit or vehicle or potential injury to occupants and bystanders.
- 7. Chronology of all principal events that were the basis for the determination that the defect related to motor safety:** Following reporting of an overheating incident in December, 2021, Orpak undertook to conduct internal and independent testing of the DataPass Plus devices up through May, 2022. Based on the testing conducted, Orpak was unable to replicate the defect reported in the overheating incident, but Orpak identified

a potential anomaly in the de-paneling process used to manufacture certain units that could cause capacitor cracking. In early 2023, two more overheating incidents were reported and Orpak determined to undertake a recall, while continuing to investigate any potential defect.

- 8. Description of remedial program:** Orpak will replace defective DataPass Plus devices (P/N 800907451/Gasboy M09693B009) in the recall population at no cost to the buyer. To the extent that any buyers have incurred costs for pre-notification remedies, Orpak will provide appropriate reimbursement. Information about reimbursement for pre-notification remedies will be enclosed in the Owner Notification Letter and filed with NHTSA.
- 9. Estimated dates for sending Owner Notification Letter:** Orpak estimates that Owner Notification Letters will be sent on March 24, 2023.
- 10. Estimated dates for sending Manufacturer Notice (to dealers and distributors):** The product at issue is sold to fleet companies or fleet customers through distributors. The product is not sold to individual consumers. Orpak intends to send recall notices to the fleet companies and distributors that purchased the products. The distributors will also send notices to the fleet companies that purchased the products. Orpak estimates that Manufacturer Notices will be sent to dealers and distributors on March 24, 2023.
- 11. Copies of all communications related to the defect that are sent to more than one manufacturer, distributor, dealer, or purchaser:** None at the moment, but will be available according to the above timeline.