

## Receiver Care Service

### Protect with Essential Maintenance

#### Load Cell Receiver Care is Not Optional

Despite their small size, load cell receivers handle the full force of every vehicle that drives across a scale. The lack of proper care of your truck scale's load cell receivers eventually wreak havoc on its accuracy, causing cable damage as well as premature load cell and receiver failures. To extend the life of your scale, METTLER TOLEDO recommends periodic receiver care service for all brands/manufacturers' vehicle scales.

#### What Happens When Receivers are Not Properly Maintained?

As the hardware that transfers load to the load cells, receivers are crucial to the weighing performance of a vehicle scale. Weighing errors are caused by damaged receivers, which may have damaged the load cell weighing surface, resulting in significant lost revenue. Receiver cups wearing out over time due to load cell rotation or debris buildup could cause a cable to snap and result in a total repair upwards of \$2000.

#### Service Details

##### Jacking Up and Examining the Weighbridge

Inspection of the weighbridge for corrosion, cracks, broken bolts, or unusual wear is made to identify problem areas. Any debris is removed as it can affect weighing accuracy.

##### Cleaning and Inspecting of Load Cells

Each load cell is removed for cleaning and a detailed inspection. Factory specified load cell lubricant is applied to the end surfaces, and the lower receivers are filled with multi-purpose grease.

##### Replacing Load Cell Receivers, Boots, and Gaskets

During replacement of these components, anti-rotation mechanisms are also examined. Weighbridge service may be required to prevent future damage (additional service.)

##### Inspecting Load Cell Cables and Resealing Connections

Load cell cables are inspected for damage and verified that they are securely connected to the load cell. Factory specified lubricant is applied to all connections.

##### Reporting any Issues

With more than 60 man-hours of training per technician every year, our field staff has the knowledge and experience to spot issues before they arise and provide appropriate recommendations to protect your investment.

##### Testing and Calibration

The entire scale mechanism undergoes thorough testing to prevent any unforeseen downtime. Our heavy-duty test trucks are equipped with NIST traceable calibration weights. Testing and calibration are essential steps in achieving and maintaining accuracy to local regulations.



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