

# TSR/TSU/TSM Battery Pack Replacement Instructions

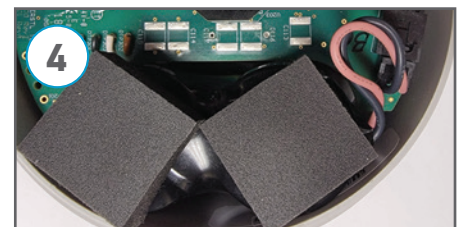


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**⚠️ WARNING – EXPLOSION HAZARD: DO NOT REPLACE BATTERY PACK WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT. If necessary, remove monitor from tank and take to unclassified/non-hazardous area before removing enclosure cover. ⚠️ USE ONLY BATTERIES PROVIDED BY ATEK!**

## Standard Battery Pack Replacement

- 1 Ensure monitor is not in an explosive atmosphere environment.
- 2 Unscrew monitor housing cover. Disconnect battery pack cable from printed circuit board and remove used battery pack.
- 3 Remove foam pieces that were in housing under original battery pack if present.
- 4 Insert new battery pack with cable side up and reconnect battery pack cable. Tuck wiring inside housing so not pinched by the cover. Ensure two foam pieces are on top of battery pack. Use of any battery pack other than TSTRB01000 will impair protections provided by equipment.
- 5 If replacement battery pack includes new o-ring, then replace existing o-ring otherwise, skip this step.
- 6 Re-install housing cover and hand tighten until snug.
- 7 Test monitor by swiping magnet end of supplied screwdriver along cover's rim above triangle indicator on housing base until a beep is heard. Monitor will take a level reading and then report to ATEK Intelligence Platform (AIP). A second single beep will occur once monitor has finished reporting its level measurement.
- 8 Reinstall monitor on tank, if previously removed.



**For questions or problems –  
Contact TankScan Technical  
Support, 877-847-7226**

## Remote Battery Pack Replacement

- 1 Loosen Remote Battery Pack (RBP) enclosure cover screws and remove cover.
- 2 Disconnect battery pack cable connector from RBP enclosure connector and remove used battery pack.
- 3 Remove foam pieces from new battery pack then insert battery pack into RBP enclosure oriented as shown in picture. Next, connect battery pack cable connector to enclosure connector. Use of any battery pack other than TSTRB01000 will impair protections provided by equipment.
- 4 Reinstall cover and tighten all four cover screws.

**Do not send used battery packs to ATEK. Dispose of them in accordance with local guidelines and regulations.**

223-0189-000 Rev. F 9/22



**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

10025 Valley View Road, Ste. 190  
Eden Prairie, MN 55344 U.S.A.  
[www.atekaccess.com](http://www.atekaccess.com)

Email: [CCT@tankscan.com](mailto:CCT@tankscan.com)  
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