

# Hardware Setup Instructions

## Bearing Fault Transmitter - Model ASB01



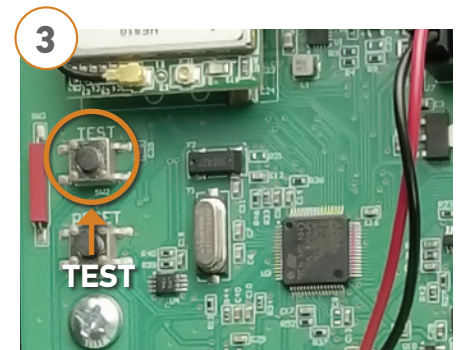
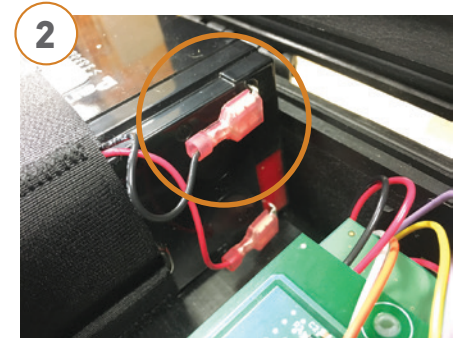
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**IMPORTANT: The ATEK Customer Care Team (CCT) is ready to assist with any setup help necessary to fully utilize the AssetScan Transmitter. Site and contact information is needed before data is properly managed by the ATEK Intelligence Platform (AIP). CCT Technical Support: 877-847-7226 or email CCT@assetscan.com**



### Setting up the Transmitter

- 1 Open transmitter case by pulling up on two latches on front of case.
- 2 Connect black wire to negative (top) battery terminal as shown. Ensure red wire is seated on positive terminal.  
Green LEDs on board will begin to light up.
- 3 Wait 2 minutes after plugging in battery then press **TEST** button on board.  
Transmitter will go through a data collection cycle that will last for 10 minutes before reverting to normal operation.
- 4 Call ATEK Technical Support at 877-847-7226 to ensure transmitter has communicated with AIP or login if access is already available.
- 5 Shut and latch lid.
- 6 Connect accelerometer to ASB01 case by aligning cable connector with case connector. Tighten collar until snug.
- 7 Slide washer off end of accelerometer located on end of armored cable.



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### Setting up the Transmitter (continued)

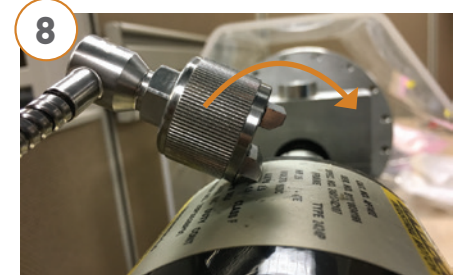
- 8 Place accelerometer onto a magnetic surface on motor or machinery bearing hub.

Place accelerometer so magnetic rails are parallel with curvature of housing.

It is best to place accelerometer on a smooth surface.

Gently place one rail down first then rock accelerometer to place other rail. Do not place both rails at same time, as this may cause damage to accelerometer.

- 9 Place transmitter in a location nearby that will prevent accelerometer cable from being interfered with.



### Recharging the Transmitter Battery\*

- 1 Charging port is located on right side of transmitter case.
- 2 Remove threaded plastic cap from charging port by turning counterclockwise.
- 3 Plug battery charger's AC plug into a nearby outlet and screw charging jack into charging port using silver nut.
- 4 LED on battery charger will turn red to indicate transmitter is charging. Transmitter will begin charging. Full charge is achieved within 6-8 hours.
- 5 LED on battery charger will turn green when charging is complete.
- 6 Unscrew charging jack from charging port and secure attached plastic cap onto charging port.

\*Note: Battery should be charged between -10° C and 40° C (14° F and 104° F). See Product User Manual for detailed information on battery use and care.



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