

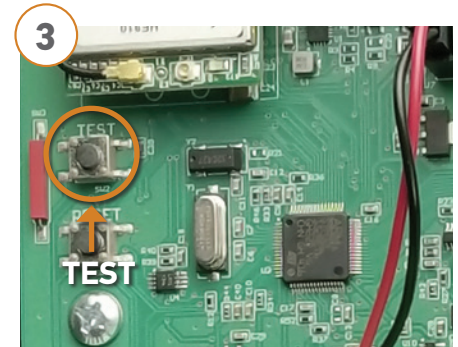
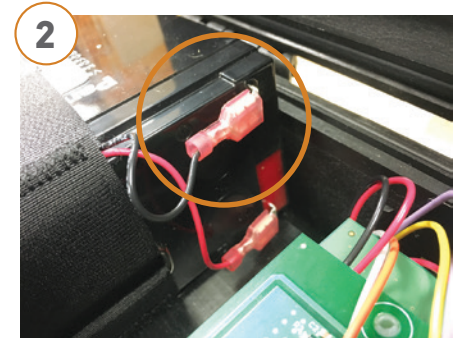
Bearing Fault Monitor - ASB Hardware Setup Instructions

IMPORTANT: Call ATEK's Customer Care Team (CCT) at 800-523-6996 prior to moving forward with any of these setup instructions. Site and contact information is needed before data can be accepted by ATEK Intelligence Platform (AIP).



Setting up the Monitor

- 1 Open monitor 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 and press **TEST** button on board.
Monitor will go through a data collection cycle that will last for 10 minutes before reverting to normal operation.
- 4 Call ATEK Customer Care Team at 800-523-6996 to ensure monitor has communicated with AIP.
- 5 Shut and latch lid.
- 6 Slide washer off end of accelerometer located on end of armored cable.



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Setting up the Monitor (continued)

- 7** 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.
- 8** Place monitor in a location nearby that will prevent accelerometer cable from being interfered with.



Recharging the Monitor Battery

- 1** Charging port is located on right side of monitor 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 in charging jack into charging port using silver nut.

An LED on battery charger will turn red to indicate monitor is charging.
- 4** Monitor will begin charging.

Full charge is achieved between 6-8 hours from a dead battery.
- 5** LED on battery charger will turn green after charging is complete.

Unscrew charging jack from charging port and secure attached plastic cap onto charging port.

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