

## HOW IT WORKS

The Active AirBat continually monitors tire pressure and signals precise readings to the remote reading system. The unit also provides a quick "visual read" with lights indicating under- or over-inflation

## INSTALLING THE UNIT

The Active AirBat is easily installed in less than 10 minutes on any dual tire wheel end. The steps are as follows:

1. Determine location of the valve stems opposite of one another if required. (Note: Inner valve stem must be accessible through outer wheel hand hole.)
2. Mount the AirBat sensor to the bracket ensuring proper orientation. (Sensor valve stem(s) should be on the same side as the bracket mounting holes.)
3. Determine which wheel location each AirBat will be installed on.
4. Record the location using the AirBat serial number (on the sensor) for future reference.
5. Plan the placement of the AirBat sensor before installing to insure hose(s) are not twisted, kinked, or resting on sharp edges. For dual tire applications locate the hose with the U-shaped end to align with the outer valve stem. (Note: Be sure to locate bracket away from hub cap side fill plug if present.)
6. Remove the two hub cap bolts identified for mounting.
7. Install the AirBat sensor and bracket assembly in the previously determined location. Make sure the hub cap mounting bolts are long enough to properly engage the hub threads when placed through the bracket. If not, replace with longer bolts. Use lock washers.
8. Tighten the hub cap mounting bolts to the manufacturers specs.
9. Check that the valve stem(s) are clean and in good condition. Remove plain or "flow-through" cap(s) if present. Clean valve stem(s) (if required) with a wire brush. Verify that the valve is functioning properly.
10. Connect the AirBat hose(s) to the valve stem(s) finger tight. (Note: Do not cross-thread, as thread damage may occur.)
11. Finish connecting hose(s) by holding the fitting in the desired orientation with one hand (to prevent twisting or kinks), and tighten the fitting nut until the hose can no longer be turned (1/2 to 1 full turn past finger tight).
12. Perform a leak check by wetting the fittings with soap and water or leak check fluid (whichever is available). Wait a few seconds and watch closely for bubbles at the fittings. If bubbles appear, re-tighten the fitting. If bubbles do not appear, perform a final inspection of the hose placement and bracket mounting to ensure all steps have been completed.
13. Verify and/or adjust inflation pressure (AirBat lights not blinking). If AirBat light is blinking once, add air to the low tire(s) through the filler port on the sensor using a tire gage to verify. If the light is blinking twice, the tire pressure is too high. Bleed air from the valve and re-check. Wait 3 seconds to allow the sensor to stabilize.
14. Installation is now complete and can be repeated on remaining wheel locations.

## RF INTERROGATION

This unit can be read remotely by a Active RF Readers. The Active AirBat broadcasts its information automatically roughly every 2.5 Seconds. On gate based systems the unit is activated by a road loop.

## CERTIFICATIONS

This unit complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



FCC ID: SRA-816

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. Users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying Rf exposure compliance.

## Important Notes

This unit contains a Lithium-Thionyl Chloride battery and should be disposed of according to local regulations. The battery contains less than 1 gram of lithium and is therefore classified as a nonhazardous product. Lithium-Thionyl Chloride batteries contain no poisonous materials and do not present environmental hazards when properly disposed of.

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