Haloview

ATS

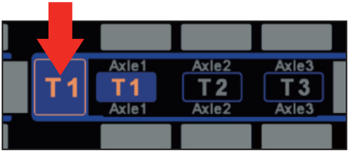
Axle Temperature Sensor

User Manual

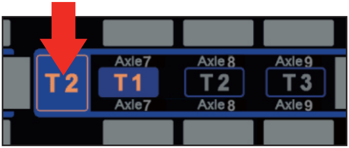
Please read all instructions carefully before using, and keep the manual for future reference.

Manually Enter ID

1. Click T1 to switch to T2.

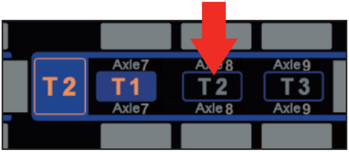


Before operation

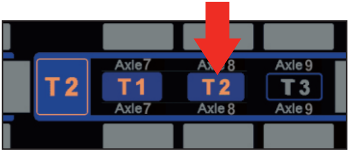


After operation

2. Click T2 to activate T2.

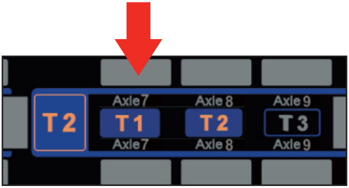


Before operation

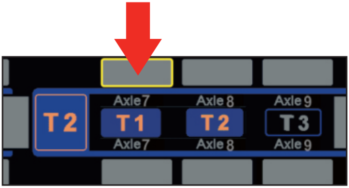


After operation

3. Click the position for placing the axle temperature sensor.

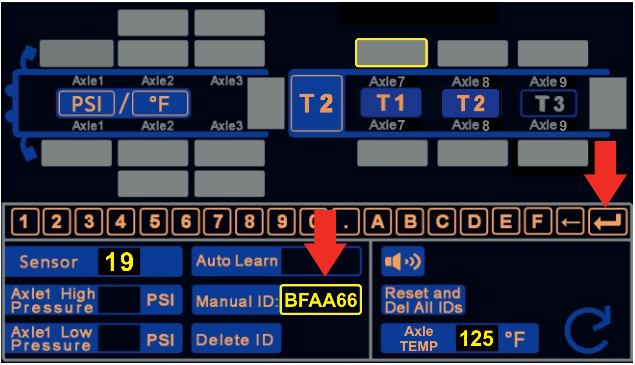


Before operation

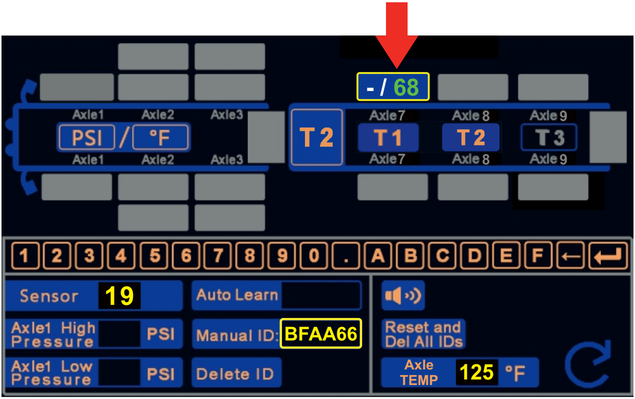


After operation

4. Tap Manual ID, manually enter the 6-digit ID number via keyboard (printed on top of the sensor cap), then tap Confirm. 



5. After manual pairing, the display shows "-/-". Wait 4 minutes for the display to show actual ATS data, e.g., "- / 68"



Note: 1. Green values indicate axle temperature.

2. You may also use tow vehicle positions if not currently occupied by active sensors for simplicity of viewing ATS data.

Set High Temperature Value

1. Tap HI TEMP and switch among Axles to set the maximum temperature in Axle TEMP. Axle TEMP
2. Tap the Axle TEMP field to highlight it in yellow. Axle TEMP 125 °F
3. Use the keyboard to modify the value.
   1 2 3 4 5 6 7 8 9 0 . A B C D E F ← ↵
4. Press Enter to confirm. ↵

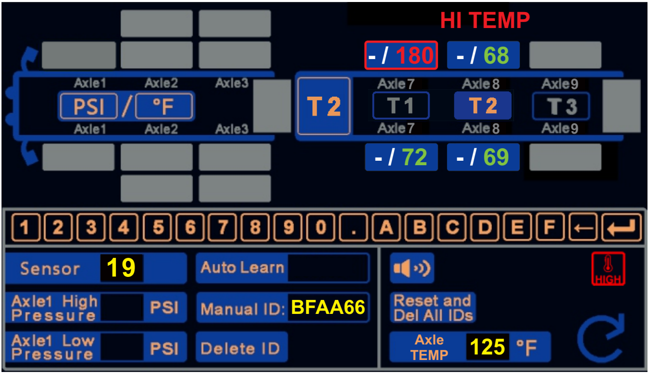
(1) If the entered value is incorrect, tap the Backspace key to delete it. ←

(2) You can switch the temperature unit. PSI / °F

(3) Once the temperature unit is changed, all sensor temperature units will synchronize to the same unit.

(4) If the current axle temperature sensor reading exceeds the set high temperature value, an alarm icon with a red circle will appear at the top of the screen, indicating the tire position where the alarm occurred. Simultaneously, the monitor's buzzer will sound an alarm. If multiple alarms occur, tap the sensor to check.

(5) The high temp setting may need to be adjusted based on ambient high temperatures for your geographic area of travel

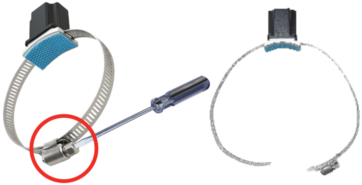


ATS Axle Temperature Sensor Installation Steps

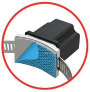
1. Install the ATS sensor battery.

Unscrew the sensor cap and unscrew the inner sensor cap.
Insert the CR1632 button battery. Ensure the positive (+) side of the button battery faces upward.

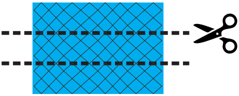
2. Loosen the stainless steel ring screw with a screwdriver.



3. Peel off the protective film from the sensor base.



4. Use the included heat-sink pads for a firm fit to axle, cut into 3rds, add one strip on each side of sensor to straddle axle spindle weld to ensure when the ATS is tightened around axle that there is a secure sealed fit to the axle.



5. Secure the ATS axle temperature sensor to the rear of the axle. Passenger side at the 3 o'clock position, driver side at the 9 o'clock position. Tighten the stainless steel ring with a screwdriver. This protects the ATS from road debris and other environmental factors.

For best temperature transfer, place the ATS as close as possible to the backside of the brake assembly on the axle.

Sensor Specification

Working Temperature	(-20°C~85°C) -4°F to 185°F
Working Humidity	0-100%
Dimensions	(25 x 25 x 28 mm) 1"x 1"x1.1"
Battery Voltage	3.0V DC (CR1632)
Battery Life	1 year
Temperature Precision	(± 3°C) ± 6° F