

ALU Smart Modes For W-987

ALS2: Two User-Defined Tape Weights

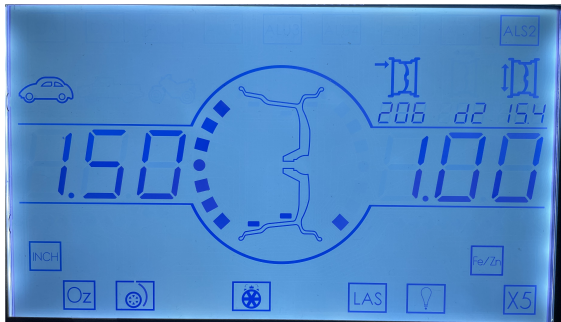
- Make sure the wheel balancer has been calibrated before balancing a wheel in ALS2. If the distance arm is not calibrated, it will cause an inaccurate balance.
- Place the distance arm at the desired inside tape weight location, hold the arm in place and the machine will beep (see image below)



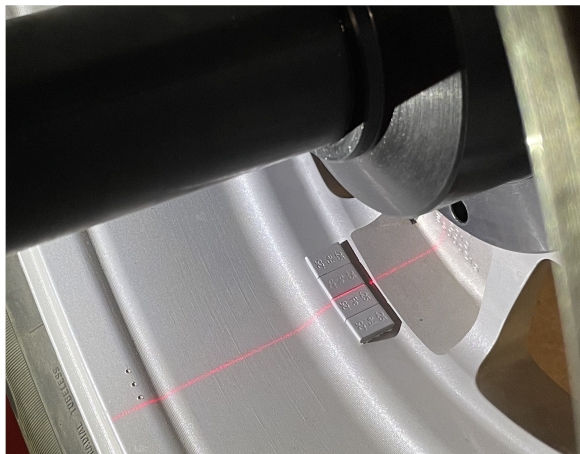
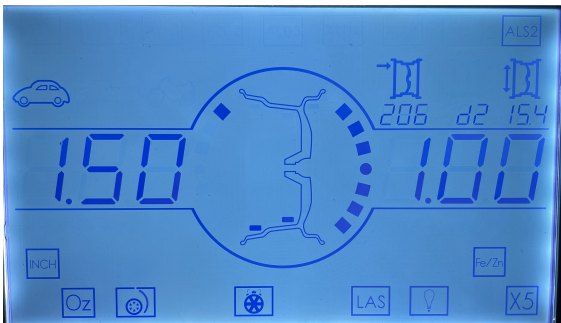
- Without returning the distance arm to the home position, immediately place the distance arm to your desired outside tape weight location, hold the arm in place and the machine will beep (see image below)



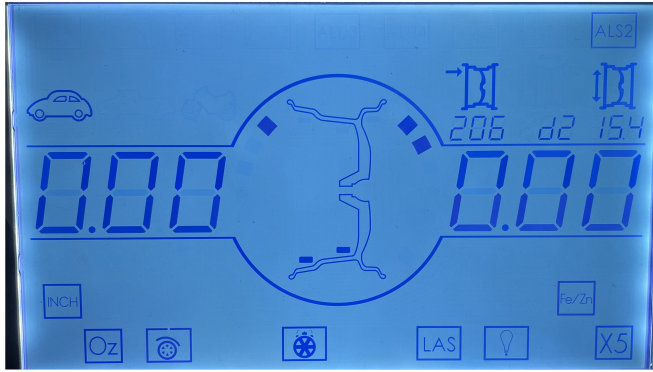
- The machine will automatically enter the ALS2 mode.
- Lower hood to spin
- After the spin, rotate the wheel to the inner position shown on the display. The machine's laser will turn on and you will add the weight at 6 o'clock to the inside of the wheel. It is important to split the weight amount between the laser. In this case, the weight called for is 1.50 oz, so we placed 0.75 oz on each side of the laser (see images below).



- Rotate the wheel to the outer position shown on the display. The machine's laser will turn on and you will add the weight at 6 o'clock to the outside of the wheel. In this case, the weight called for is 1.00 oz, so we placed 0.50 oz on each side of the laser (see images below).



- Lower hood to spin
- After the spin, the display should show 0.00 in the inner and outer window when the wheel is balanced (see image below).



Important Note:



If the distance between your tape weights is less than 4” or 5”, this could cause an inaccurate balance. The weights should be greater than 4” or 5” apart.

The arrows shown in this diagram represent the distance between the wheel weights. The machine is very accurate and if the weights are too close together, it will cause the machine to have trouble distinguishing between the inner plane and outer plane of the wheel. The weights should be separated as much as possible.

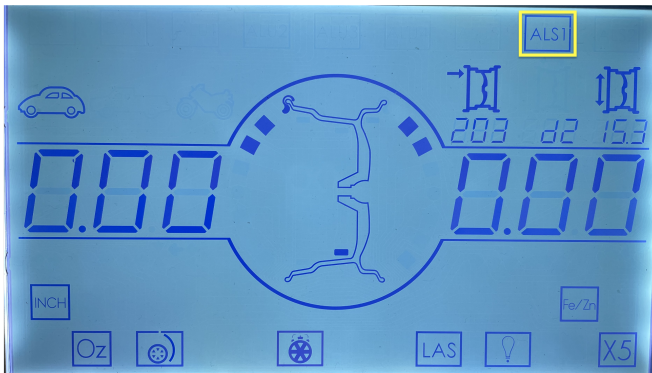
If you are chasing weights, or are not able to balance the wheel because the weights are less than 4” or 5” apart, consider dynamically balancing the wheel with two clip-on weights. If this is not desirable, you can also balance the wheel in static mode with one tape weight.

Helpful Tip: If the wheel weights are greater than 4” or 5” apart and you are having trouble balancing a wheel, remove the wheel weights and make sure the weights are in the correct position. You should not have to add more weight than it calls for initially. If it calls for more weight on the second spin, move the weights you added towards the area it wants more weight.

(see next page for **ALS1**)

ALS1: Inner Clip-on Weight and User Defined Outer Tape Weight

- Make sure the wheel balancer has been calibrated before balancing a wheel in ALS1. If the distance arm is not calibrated, it will cause an inaccurate balance.
- When you are at the home screen press the mode button until ALS1 shows (see image below)



- Place the distance arm against the bead of the wheel, hold the arm in place and the machine will beep (see image below)

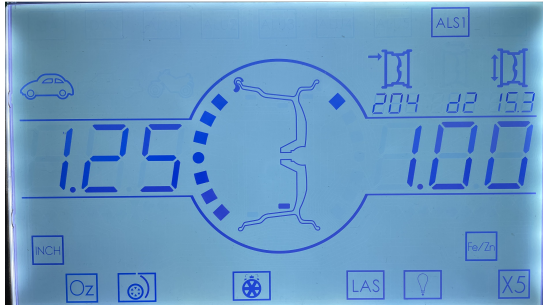


- Without returning the distance arm to the home position, immediately place the distance arm to your desired outside tape weight location, hold the arm in place and the machine will beep (see image below)

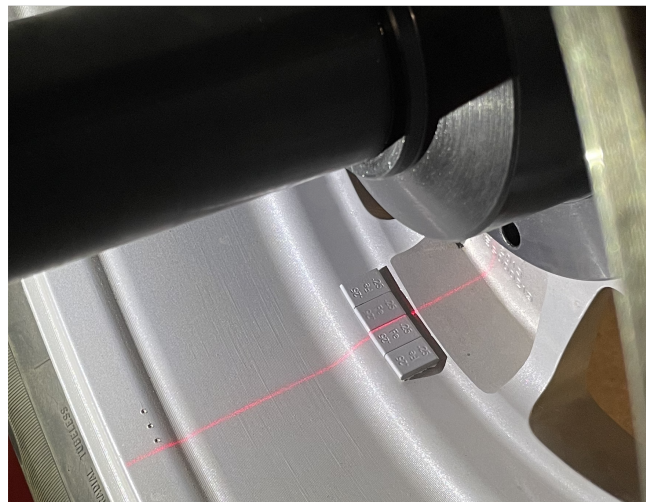
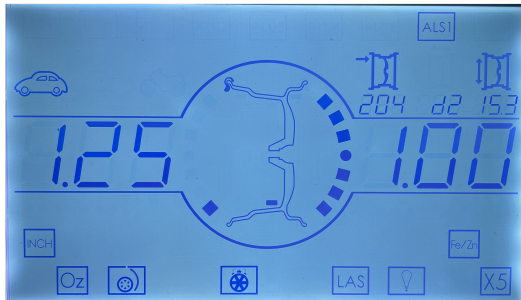


- Lower hood to spin

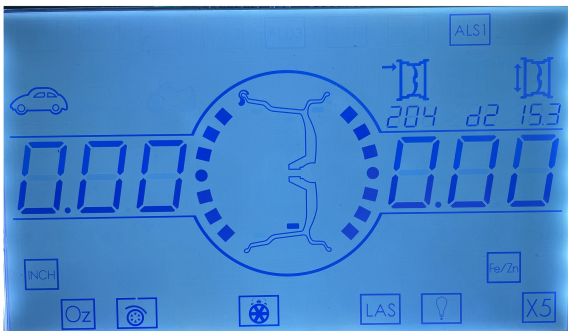
- Rotate the wheel to the inner position shown on the display and hammer the clip-on weight at 12 o'clock



- Rotate the wheel to the outer position shown on the display. The machine's laser will turn on and you will add the weight at 6 o'clock to the outside of the wheel. In this case, the weight called for is 1.00 oz, so we placed 0.50 oz on each side of the laser (see images below).



- Lower hood to spin
- After the spin, the display should show 0.00 in the inner and outer window when the wheel is balanced (see image below).



Important Note:



If the distance between your weights is less than 4" or 5", this could cause an inaccurate balance. The weights should be greater than 4" or 5" apart.

The arrows shown in this diagram represent the distance between the wheel weights. The machine is very accurate and if the weights are too close together, it will cause the machine to have trouble distinguishing between the inner plane and outer plane of the wheel. The weights should be separated as much as possible.

If you are chasing weights, or are not able to balance the wheel because the weights are less than 4" or 5" apart, consider dynamically balancing the wheel with two clip-on weights. If this is not desirable, you can also balance the wheel in static mode with one tape weight.

Helpful Tip: If the wheel weights are greater than 4" or 5" apart and you are having trouble balancing a wheel, remove the wheel weights and make sure the weights are in the correct position. You should not have to add more weight than it calls for initially. If it calls for more weight on the second spin, move the weights you added towards the area it wants more weight.