

SpeedPod

INSTALLATION/SOFTWARE/USAGE

Q: Question

How to do I perform a Closing Speed or Window Shake measurement using the SpeedPod?

A: Answer

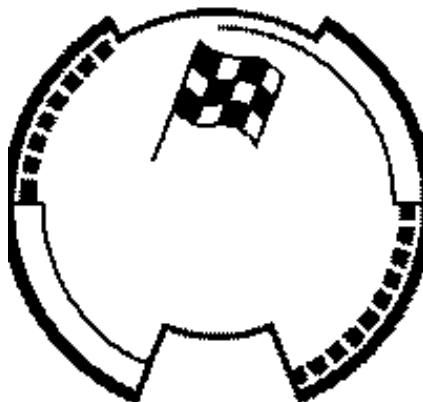
Speed Edition:

After the SpeedPod is in the proper position and is attached, there will be a yellow light on the device that will flash twice. This means that the SpeedPod is ready to proceed with the measurement.

Open the door as normal, then hold the door ajar in the open position for a moment. Notice the center light will light up as movement is detected. After the door is open only one of the three lights will shine green. Hold the door stationary until the yellow light double flashes again.

Once the yellow light flashes twice, the door is ready to be closed. Shut the door as you normally would. Continue taking measurements until a checkered flag screen appears (Image 1) with the final measurement. See the table below for possible states while taking measurements (Table 1).

Checkered Flag?	Single Light Indicator	Three Light Indicator	Meaning
No	No	Green	Door is latched: Door latched but speed higher than tolerance
No	No	Red	Door is not latched: measurement needs to be taken again
Yes	Green	No	Measurement is finished: Door within set tolerance
Yes	Red	No	Measurement is finished: Door is out of tolerance



(Image 1)

Checkered Flag which appears on screen to let operators know when the measurement is complete

Window Edition:

After the SpeedPod is attached in the proper position for window vibration mode, the single light will flash yellow twice. This means that the SpeedPod is ready to proceed with the measurement.

Open the door as normal, then hold the door ajar in the open position for a moment. Like the speed measurement, there will be a progression of green lights from the three-light indicator. Center light means moving, outside light is open, inside light is closed status. After the door is open only one of the three lights will shine green. Keep the door stationary and a measurement of the window vibration appears. (Image 2) If the window measurement is good, a small checkered flag will appear on the screen (If no small checkered flag appears the measurement will have to be taken again).



If door is opened properly, the screen will appear with a measurement

Shut the door as you normally would and wait for a checkered flag to appear (Image 1) on the screen with the measurement. If the checkered flag doesn't appear or a red light turns on, the measurement was out of tolerance (Table 2) and more measurements will need to be taken.

Checkered Flag?	Single Light Indicator	Three Light Indicator	Meaning
Yes	Green	No	Measurement is finished: Door within set tolerance
Yes	Flashing Green & Red	No	Measurement is finished: One Measurement was in tolerance one was not
Yes	Red	No	Measurement is finished: Door is out of tolerance
No	No	Red	Door is not latched / window vibration could not be taken; measurement needs to be taken again

If the checkered flag appears the door is finished, and the device is ready for the next set of measurements. If no flag appears then the door must be remeasured until the checkered flag criteria is met.