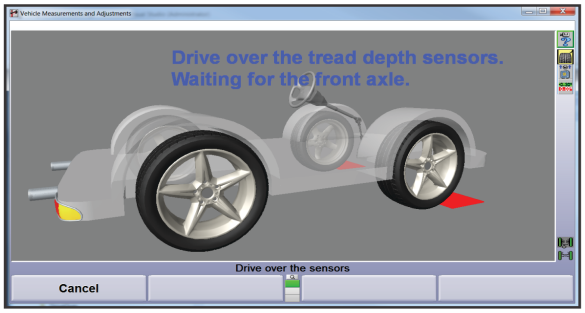
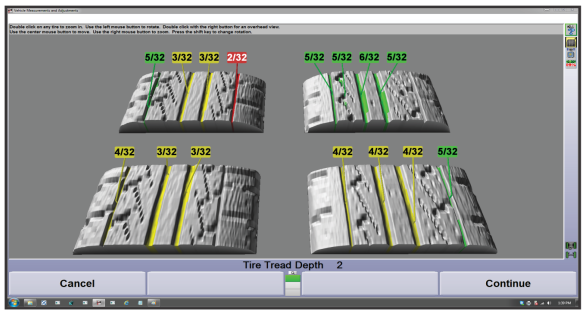
Drive Over Tread Depth — Corresponding Screen

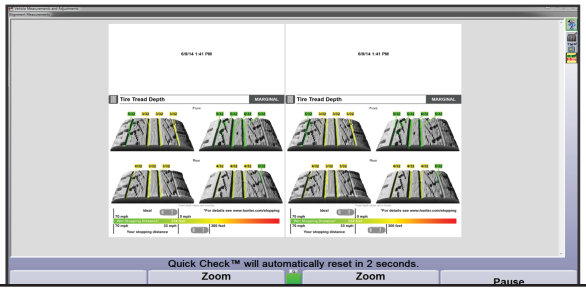
1a Drive across tread depth sensors at a speed of 2-8 mph (3.2 to 12.8 kph).



2a Cameras analyze all four tires. Results are compiled and stored automatically.



3a Collect printout of results.



For Your Safety

This manual provides operation instructions and information required to operate the Quick Tread Edge® system (console, sensors & software).

California Warning: This product may contain chemicals known to the State of California to cause cancer and reproductive harm. www.P65Warnings.ca.gov

Hazard Definitions

Watch for these symbols:

CAUTION: Hazards or unsafe practices, which could result in minor personal injury or product or property damage.

WARNING: Hazards or unsafe practices, which could result in severe personal injury or death.

DANGER: Immediate hazards, which will result in severe personal injury or death.

These symbols identify situations that could be detrimental to your safety and/or cause equipment damage.

IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before operating Quick Tread Edge®. Read and follow the instructions and warnings provided in the service, operation and specification documents of the product.

Caution – Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Do not operate equipment with a damaged cord or equipment that has been dropped or damaged until a Hunter Service Representative has examined it.

To reduce the risk of electrical shock, do not use on wet surfaces or expose to rain.

To reduce the risk of fire, do not operate equipment near open containers of flammable liquids (gasoline).

Read and follow all caution and warning labels affixed to your equipment and tools. Misuse of this equipment can cause personal injury and shorten the life of the unit.

Keep all instructions permanently with the unit.

Keep all decals, labels, and notices clean and visible.

Power off the unit and clean as required with a damp cloth.

Use equipment only as described in this manual.

Do not modify the unit or remove protective housings and covers.

No user serviceable parts inside. Service is to be performed only by Hunter factory authorized personnel.

Do not allow laser light to be directed or reflected toward people or reflective objects.

Do not operate the unit if it requires service or if protective covers and housings are damaged.

Using this equipment in any manner other than specified by Hunter may disable its safety features.

Save these instructions.

Laser Activation

- Vehicle drivers over trigger 1 turning on laser.
- Vehicle drivers over trigger 2 takes picture of the tire & tread and then turns the lasers off.

Decal Information and Placement

Top View

Decals **128-1566-2** indicates the locations of laser apertures.

Decal **128-1565-2** indicates laser radiation is present.

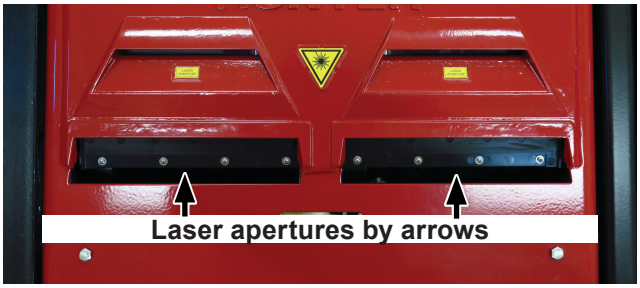


Figure 1. Laser apertures

Figure 2.

The Class 3R laser apertures are located inside the sensor assembly. *(Figure 1. Laser apertures)*

Sensor View

FDA standards for Class 3R laser compliance are shown on Decal **128-1795-3**.

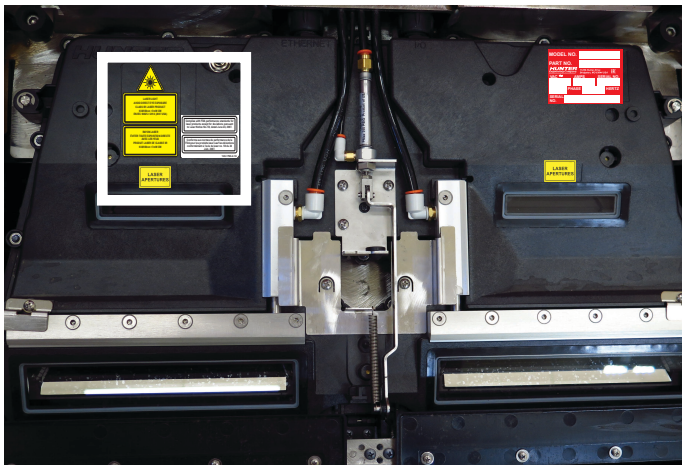


Figure 3. Decal location

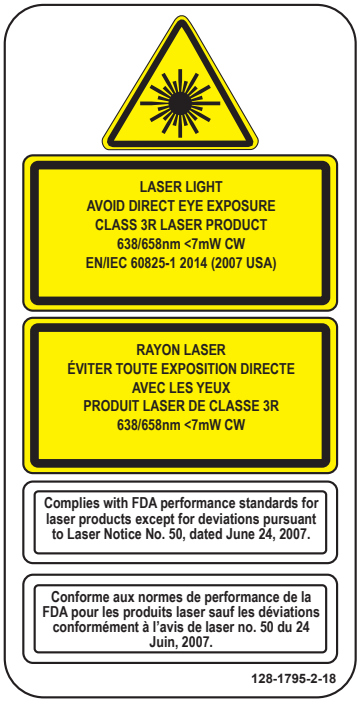


Figure 4. Explanatory/ Certification/ Warning Label

A manufacturer's identification label is also on the top of each sensor assembly.

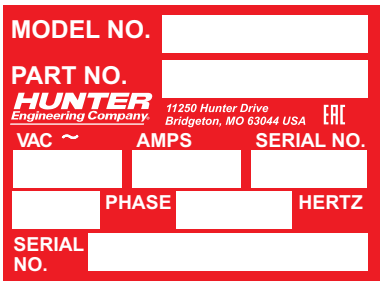


Figure 5.

Specific Precautions/Optical Scan Laser

The Optical Scan Laser is a class 3R laser designed to measure tread depth. The laser is not a field serviceable part. No maintenance is to be performed on the laser. *(Figure 6.)*

Figure 6.

This laser product is designated as Class 3R during all procedures of operation.

Wavelength: 638/658nm

Laser power for classification: <7 mW

This product is properly classified at 7mW due to the laser's "extended source".

Emission type: CW

Beam diameter: <3 mm at aperture

Divergence: <1 mRad

Fan angle: 60°

Specifications

Air	
Air Pressure Requirements:	90-150 psi (6.2-10.3 bar)

Operational	
Drive Over Speed Range:	2-8 mph (3-13kph)
Maximum Vehicle Weight:	7,000 lbs (3175 kg) per axle

Atmospheric	
Temperature:	+32°F to +122°F (0°C to +50°C)
Relative Humidity:	Up to 95% Non-condensing
Altitude:	Up to 10000 ft. (3048 m)

Figure 7.

Corporate Information:

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Web: www.hunter.com