

LaserGuard2 Systems Using a Special Laser

Addendum to:

- LaserGuard2 Collision Avoidance System Instruction Manual (147-20004)

A special laser will be marked with a label to indicate it has a sensing distance that deviates from the standard distance of 5 to 150 ft.

A laser with a label of "147-20051 SPC LASER" or "147-20061 SPC LASER" has a sensing distance of 8 in. to 150 ft.

When setting up a trip point close to the minimum sensing distance, it is important to keep in mind the hysteresis inherent with the LaserGuard2 system. The LaserGuard2 system has about 1 ft. hysteresis around the point where the trip points are set. For instance, if the crane is physically moved so the laser and reflector have 10 ft. between them and the Stop button is pressed, the Stop relay will turn on at 11 ft. and turn off at 9 ft.

NOTE: When setting up a Stop trip point, it is important to move the crane at least one foot farther away than the desired stopping point.