

How to install your Fast Track Laser Start Gate for the K-Series Timer

Enclosed you will find the laser start gate, side mount brackets and connecting cable. The laser start gate provides the most precise start signal possible. It eliminates any question regarding inconsistent start gate operation. As the cars begin to roll off the starting line, a laser beam is interrupted signaling the timer to begin.

To install the device on your track, pencil a perpendicular line approximately one inch in front of the starting line. Plug your FAST TRACK Timer into an electric outlet using your AC power adapter; then plug the cable coming from the black box into your FAST TRACK Timer. The red beam coming from the laser must be aimed directly into the small white tube on the side of the black box. Press and hold the reset button to turn on the red light. If it is lined up correctly, the red light will stay on when you release the reset button.

While holding the start gate in position, on either side of the pencil line, drop the car release mechanism. Make sure that the car release mechanism does not interfere with the laser beam. If the red light goes off during this test, reposition the beam and try again. Once the correct position is located, carefully drill pilot holes in the underside of the track for mounting the metal bracket and the plastic bracket that has the black box. (If you have the Best Track or a track with side rails, screw the flat sections directly to the sides of your track.) The black box extends above the track, while the metal bracket extends below the track. Attach the brackets with wood screws. The laser is then attached to the metal bracket by magnets, which allow for precise adjustment.

Test the starting device

With the laser starting gate mounted and plugged into your FAST TRACK timer, place one or more cars on the starting line with the car release mechanism closed. Make sure the red beam is aimed and centered directly into the white tube. Press the reset button. The red light signifies that the beam is on and properly aligned. If the red light does not stay on, readjust the laser beam by carefully sliding the magnet on the metal bracket until the beam is centered in the tube. Release the cars. The red light should go off when the cars break the beam.

