

# Standard Installation

## Mounting the Tine-Guide Laser Unit

1. Raise forks to an easy accessible working height (approx. 4 to 6 feet)
2. Decide where you want to mount it to the forklift carriage - left, right, or center. (Center being the most common.) Note: Be sure to leave room to access the battery compartment that way the battery can be replaced without having to remove the unit.
3. Hook the bottom of the Tine-Guide housing to bottom of the carriage and push the top up flush against the carriage. [See Figure 1 & 2]
4. Using a "9/16 socket wrench", tighten the bolts securely down against the groove on the back side of the carriage lip. [See Figure 2]  
(Note: be sure the unit is plumb.)
5. Tighten jam nuts snugly against top of unit. [See Figure 2]

## Connecting to Battery:

6. Remove the battery cover and place the battery in the battery compartment.
7. Connect the connector on the battery to the connector found in the battery compartment.

## Adjusting the Laser Line:

8. The laser may not be level internally. The laser head located on the bottom of the unit [See Figure 3] allows adjustments to be made to both the vertical height and horizontal level of the laser.
  - Calibrating: Lay the Tine-Guide box across the end of the forks to visually see the location of the line
  - Calibrating: Remove the faceplate using a 3/32" Allen wrench. [See Figure 3]
  - Calibrating: You can now see the laser lens housing (Brass). [See Figure 3] Insert a small thin flat-head screwdriver into the slot in the laser face being careful not to touch the laser's lens. Now turn the laser left or right to level the laser line. (Note: You should only have to move the laser a small amount. It may also be hard to turn, but be careful not to slip and damage the laser.)
  - Height Adjustment: To adjust laser level, take the 5/64" Allen wrench and turn the set screw on the bottom of the unit clockwise or counter clockwise until the laser is aligned with the tine tips. [See Figure 3] (Note: You can now adjust the laser level a little above, below or right on the tines, your choice.)

## Connecting to the Battery:

9. To run the cable/wire safely to your battery: Locate the negative and positive ends of the single pigtail wire from your Tine-Guide package.
10. Attach the negative pigtail wire to the negative battery terminal and attach the positive pigtail wire to the positive battery terminal. Use caution when connecting the pigtail wires as these wires are polarity sensitive. Incorrect connection may damage the Tine-Guide Unit.
11. When connected properly the laser light will come on.

