

LASER GUIDED PARKING SYSTEM

Model 94318

ASSEMBLY AND OPERATING INSTRUCTIONS



Due to continuing improvements, actual product may differ slightly from the product described herein.



3491 Mission Oaks Blvd., Camarillo, CA 93011
Visit our Web site at: <http://www.harborfreight.com>

**TO PREVENT SERIOUS INJURY,
READ AND UNDERSTAND ALL WARNINGS
AND INSTRUCTIONS BEFORE USE.**

Copyright© 2006 by Harbor Freight Tools®. All rights reserved. No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools.

For technical questions, please call 1-800-444-3353.

PRODUCT SPECIFICATIONS

Electrical Requirements	AC Socket Adapter: 125V / 250W / Screw-In Type with Pull Chain AC Adapter: Class II AC Adapter Input: 120V / 60Hz AC Adapter Output: 3VDC / 150mA
Laser Spacing Required	Minimum 6" Apart
Swivel Mount	360° Swivel / 120° Tilt
Auto Shut-Off	After 3 Minutes
Weight	1.25 Pounds



 **LASER LIGHT**
AVOID DIRECT EYE EXPOSURE


Maximum Output <5mW,
Wavelength 650 nm ±10 nm
CLASS IIIa LASER PRODUCT

This product complies with
21 CFR 1040.10 and 1040.11
CEN-TECH
3491 Mission Oaks Blvd.,
Camarillo, CA, USA, 93011
Manufacture Date: _____

SAVE THIS MANUAL

You will need this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures, parts list and assembly diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Keep this manual and invoice in a safe and dry place for future reference.

GENERAL SAFETY RULES AND PRECAUTIONS

 **WARNING!**
READ AND UNDERSTAND ALL INSTRUCTIONS
Failure to follow all instructions listed below may result in
electric shock, fire, and/or serious injury.
SAVE THESE INSTRUCTIONS

WORK AREA

1. **Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.
2. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.** Power tools create sparks which may ignite the dust or fumes.
3. **Keep bystanders, children, and visitors away while operating this product.** Distractions can cause you to lose control.

PERSONAL SAFETY

1. **Stay alert. Watch what you are doing, and use common sense when operating this product. Do not use this product while tired or under the influence of drugs, alcohol, or medication.** A moment of inattention while operating this product may result in serious personal injury.
2. **Wear eye protection.** Wear ANSI approved safety impact goggles when assembling this product.



TOOL USE AND CARE

1. **Do not force this product. Use the correct product for your application.** The correct product will do the job better and safer at the rate for which it is designed.
2. **Do not use the Laser Guided Parking System if it does not automatically turn on or off.** Any laser product that cannot be controlled is dangerous and must be replaced.
3. **Store idle tools and equipment out of reach of children and other untrained persons.** Tools and equipment are dangerous in the hands of untrained users.
4. **Maintain this product with care.** Properly maintained tools and equipment are less likely to malfunction and are easier to control. Do not use damaged tools and equipment. Tag damaged tools and equipment "Do not use" until repaired.
5. **Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation. If damaged, have the tool serviced before using.** Many accidents are caused by poorly maintained tools.
6. **Use only accessories that are recommended by the manufacturer for your model.** Accessories that may be suitable for one product may become hazardous when used on another product.

SERVICE

1. **Tool service must be performed only by qualified repair personnel.** Service or maintenance performed by unqualified personnel could result in a risk of injury.
2. **When servicing a tool, use only identical replacement parts. Follow instructions in the "Inspection, Maintenance, And Cleaning" section of this manual.** Use of unauthorized parts or failure to follow maintenance instructions may create a risk of electric shock or injury.

SPECIFIC SAFETY RULES AND PRECAUTIONS

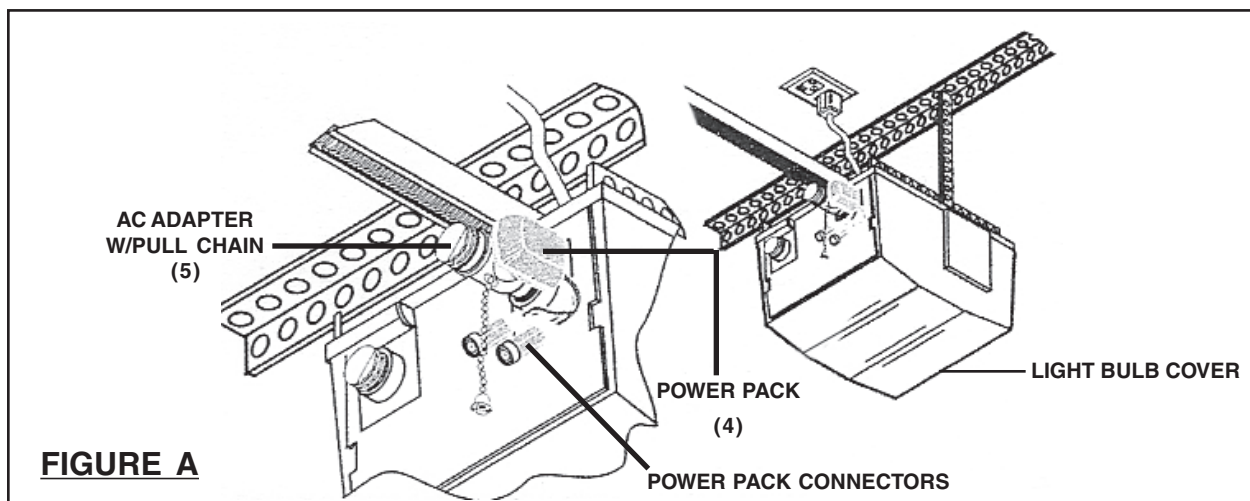
1. **Do not attempt to alter the Laser Guided Parking System or replace its parts with different parts.** Doing so may result in hazardous radiation exposure.
2. **Make sure the Laser Guided Parking System automatically shuts off prior to leaving the parking area.**
3. **Do not use the Laser Guided Parking System if it has been dropped, damaged, or immersed in liquid.**
4. **Maintain labels and nameplates on the Laser Guided Parking System.** These carry important information. If unreadable or missing, contact Harbor Freight Tools for a replacement.
5. **Industrial applications must follow OSHA guidelines.**
6. **Do not allow children and other unauthorized people to handle or play with the Laser Guided Parking System.**
7. **Use the product for the job.** Do not attempt to force small tools and equipment to do the work of larger industrial tools and equipment. There are certain applications for which this product was designed. It will do the job better and more safely at the rate for which it was intended. Do not modify this product, and do not use this product for a purpose for which it was not intended.
8. **Store idle tools and equipment.** When not in use, the Laser Guided Parking System must be stored in a dry location to inhibit rust. Always lock up the product and keep out of reach of children and other unauthorized people.
9. **Do not operate this product if under the influence of alcohol or drugs.** Read warning labels if taking prescription medicine to determine if your judgement or reflexes are impaired while taking drugs. If there is any doubt, do not operate the Laser Guided Parking System.
10.  **WARNING!** People with pacemakers should consult their physician(s) before using this product. Electromagnetic fields in close proximity to a heart pacemaker could cause interference to or failure of the pacemaker.
11.  **WARNING!** The warnings and precautions discussed in this manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

UNPACKING

When unpacking, check to make sure all the parts shown on the **Parts List on page 8** are included. If any parts are missing or broken, please call Harbor Freight Tools at the number shown on the cover of this manual as soon as possible.

ASSEMBLY INSTRUCTIONS

1. **NOTE:** Prior to installation, all surfaces must be flat and free of any oil, dirt, and debris.
2. Open the garage door, and park your vehicle(s) outside.
3. Unplug the overhead garage door opener from its electrical outlet. Remove the light bulb cover. Then, unscrew and remove the light bulb.
4. Screw the AC Adapter with Pull Chain (5) into the light bulb socket. **(See Figure A.)**
5. Plug the Power Pack (4) into the AC Adapter with Pull Chain (5). **(See Figure A.)**



5. Screw the light bulb into the AC Adapter with Pull Chain (5). Then replace the light bulb cover on the garage door opener, making sure the light bulb cover does not touch the light bulb.
6. To attach the first Swivel Mount (1), peel off its protective paper backing and press the Swivel Mount firmly against the top/forward side of the garage door light bulb cover on the driver's side (as far as possible from the garage door).
7. For a second vehicle, attach the second Swivel Mount (1) to the opposite top corner of the light bulb cover (as far as possible from the garage door).
8. Plug the Cables (2) into the Power Pack's (4) Connectors.
9. Plug the garage door opener into its electrical outlet. Then, pull the Chain on the AC Adapter with Pull Chain (5) to the "ON" position to turn on the Light Bulb Socket on the AC Adapter. The outlets on the adapter are powered whenever the unit is attached to power.
10. Drive your vehicle(s) into the garage to the location(s) you will typically park each time.
11. Activate the garage door opener, and the Laser Guided Parking System will emit a bright, laser light beam. Adjust the Swivel Mount(s) so that the beams point to a location on the dash or hood of the vehicle that you can easily see while driving. **NOTE:** The Laser Guided Parking System will automatically shut off after about 3 minutes. If necessary, reactivate the garage door opener until you have finished adjusting the laser light beams.
12. Sit in the driver's seat to make sure you can easily see the laser light beam on the dash or hood of the vehicle(s). If necessary, readjust the laser light beams. This is now your point of reference for parking in the same location every time.
13. **NOTE:** If attaching the Swivel Mounts (1) to the *ceiling* of the garage, you may need to install the Swivel Mounts farther forward to ensure the laser light beam can be seen on the driver's side dashboard when the vehicle is parked. To install the Swivel Mounts on the ceiling, use the two Ceiling Mounting Screws (3) provided.


OPERATING INSTRUCTIONS

1. Open the garage door using the automatic garage door opener and drive in slowly.
2. The laser light beam will move toward you across the vehicle's hood as you drive into the garage.
3. Stop and park when the laser light beam reaches the location on the vehicle you previously selected (hood, dashboard, etc.).
4. The Laser Guided Parking System is automatically activated by your garage door opener. The laser beam(s) will automatically deactivate when the garage door opener light turns off (typically after about 3 minutes).

TROUBLESHOOTING

Problem	Possible Solution
Garage door opener operates, but Laser Guided Parking System does not automatically activate.	<ol style="list-style-type: none"> 1. Make sure the Pull Chain on the AC Adapter with Pull Chain is pulled to its "ON" position. 2. Make sure the AC Adapter with Pull Chain is firmly screwed into the garage door opener light socket. 3. Make sure the Power Pack is firmly connected to the AC Adapter with Pull Chain. 4. Make sure the Cable of the Laser Guided Parking System is properly connected to the Swivel Mount and Power Pack.
When parking a vehicle, other than the vehicle typically parked, the laser light beam does not illuminate the previously selected location (hood, dashboard, etc.) on the vehicle.	<ol style="list-style-type: none"> 1. The Swivel Mount must be re-adjusted, depending on the specific type (make and model) of the new vehicle being parked.

INSPECTION, MAINTENANCE, AND CLEANING

1.  **WARNING!** Make sure the Laser Guided Parking System is unplugged from its electrical outlet prior to performing any inspection, maintenance, or cleaning of the machine.
2. **Daily**, inspect the general condition of the Laser Parking System. Check for loose screws, misalignment or binding of moving parts, cracked or broken parts, damaged electrical wiring, and any other condition that may affect the safe operation of this product. If abnormal noise occurs, have the problem corrected

by a qualified service technician before further use.

Do not use damaged equipment.

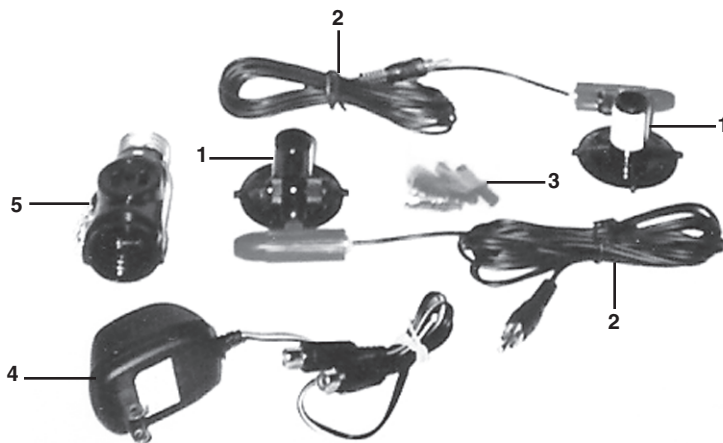
5. **To clean**, use a clean cloth with a mild detergent. Do not immerse in liquid.
6. **⚠ CAUTION!** All maintenance, service, or repairs not mentioned in this manual must only be performed by a qualified service technician.

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISKS AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

PARTS LIST AND ASSEMBLY DIAGRAM

Part #	Description	Qty.	Part #	Description	Qty.
1	Swivel Mount	2	4	Power Pack	1
2	Cable (10 Ft.)	2	5	AC Adapter w/Pull Chain	1
3	Ceiling Mounting Screw	2			



NOTE:

Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.

Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>