Quality and Style that Endures

Follow the diagram and the written directions carefully for a proper, safe installation.

Should you encounter an unusual, unforeseen problem, contact our Technical Help Line
7:00 AM – 3:00 PM Pacific Time
(951) 719-1068
Visit our web-site at
www.CARR.com
Carr Pattern Co., Inc.

WARNING!
THIS CARR LIGHT BAR IS DESIGNED TO HANDLE A TOTAL WEIGHT OF FOUR (4) LBS. ANY ADDITIONAL WEIGHT BEYOND THIS CAPACITY, MAY RESULT IN SERIOUS DAMAGE TO YOUR VEHICLE AND/OR ANOTHER VEHICLE.

MATERIALS NEEDED: Hammer, center punch, pencil
MATERIALS FURNISHED: One hardware pack, two end castings, four Rota castings, cross bar, instruction page.

SPECIAL NOTE: VEHICLES NOT HAVING RAIN GUTTERS WILL REQUIRE RAIN GUTTER KITS:
#220042 76-93 Chevy S-10/Sonoma P/U, Blazer/Jimmy, '09-12 Dodge FS 1500 P/U All Cabs, 04-08 F-150
N.Body, 84-02 Isuzu Trooper, 97-02 Mitsub. Mont.Sport, 05-12 Toyota Prerunner Cr.Cab, 07-12 Tundra, 05-07 4-Runner, 07-12 FJ Cruiser
#220052 04-12 Chevy Colorado/GMC Canyon, 97-04 Dodge Dakota, 99-12 Ford Super Duty All Cabs, 00-05 Ford Excursion, 91-02 Isuzu Rodeo/Amigo, 05-12 Jeep Grand Cherokee, 83-93 Mazda B-Series P/U, 98-12 Nissan Frontier Reg.Cab, 02-12 Nissan Frontier Crew Cab, 00-12 Nissan Xterra-w/o Option Roof Rack, 86-01 Pathfinder, 86-97 Nissan Hard Body P/U, 89-95 Toyota P/U, 93-99 T-100, 84-04 Toyota 4-Runner, 96-04 Toyota Tacoma/Prerunner Crew Cab, 00-06 Toyota Tundra, 01-07 Toyota Sequoia.
#220062 04-12 F-150
#220542 00-12 Chevy/GMC Sierra/Silverado C/K P/U/FS, 02-09 Chevy Trail Blazer/Envoy , 02-12/Avalanche/GMC/Denali Truck, 00-12 Chevy Tahoe/Suburban/Tahoe/GMC Yukon/Yukon XL, 02-08 Dodge FS 1500 P/U, 03-10 Dodge 2500/3500 P/U & Quad, 02-08 Dodge Quad 1500, 05-09 Dodge Durango/Dakota, 06-12 Dodge Mega Cab 1500/2500/3500 Ram P/U
#221502 98-01 Dodge Quad Cab 1500 P/U, 98-02 Dodge Quad Cab 2500/3500 P/U, 94-02 Dodge 2500/3500 P/U Old Body Style, 94-01 Dodge P/U
#222742 91-01 Ford Explorer(not Eddie Bauer)/Mercury Mountaineer, 91-94 Mazda Navajo.
#223-412 88-99 Sierra Silverado C&K P/U/FS, 92-99 Chevy Suburban/Yukon/Tahoe, 93-98 Jeep Grand Cherokee
1. IMPORTANT: Cut the crossbar first before proceeding to the next step! Refer to the Rota Light Bar Cutting Instructions on the other side.

2. Place the black booties on the feet of each casting.

3. Take the long 3/8" socket bolt and screw on to it the 3/8" jam nut all the way to the end of the threads and tighten down.

4. Place the head of the long socket bolt through the large hole in casting (3).

5. Leave the head of the long socket bolt extending all the way out of casting (3).

6. Place casting (2) inside of casting (3) and line up the two 5/16" holes.

7. Take the 5/16" Allen head screw and put it through both castings (3) and (2). Use the 5/16 washer and 5/16" nylon lock nut to securely tighten castings together.

8. NOTE: THE FRONT FACE OF CASTING (2) SHOULD BE STRAIGHT ACROSS THE FACE OF CASTING (3). When the castings are securely tightened together, casting (2) should be protruding approximately 1/16" beyond casting (3).

9. Place the 3/8" flat washer on the long 3/8" socket bolt and now put the long socket bolt through the other hole in casting (2).

10. Place casting (1) on casting (2).

11. With the welded nut washer facing away from casting (2) place it all the way to the inside of casting (1).

12. Screw the long 3/8" socket bolt into the washer with the welded nut all the way, and lightly tighten. NOTE: Use the 5/16" Allen wrench through the large hole in casting (3) to tighten and loosen the rotating motion.

13. Repeat steps 1 through 11 for the other side.

14. With the holes in the bar, in the up position, take casting (1) and by squeezing the end of the bar, place casting (1) on the bar, until the inside top wall of the casting is flat against the bar.

15. Take a 5/16" Allen head screw and put it through the hole in casting (1), and the slot in the bar, with the head of the screw in the up position. IMPORTANT: For some trucks when the bar is cut and put into casting (1), there may not be a slot left in the bar. If this is true, follow the next ten steps.

a. With the black booties on the back of casting (3), place the entire casting assembly into the rain gutter of the vehicle.

b. Position the foot of the "L" shaped steel brackets underneath the rain gutter and line up the vertical slot of the bracket with the tapped hole in the casting. Insert (2) 1/2" tamper proof Allen head bolts with lock washers through the "L" bracket securing the bracket to the support casting.

16. IMPORTANT: Be sure that the large washer is completely underneath casting (1).

i. Place a screwdriver through the desired horizontal slot in the steel bracket, at the same time put the screwdriver into one of the three slots provided in the casting. (Proper selection of the slots in the bracket and the slots in the casting will result in a tighter fit on the vehicle.)

ii. Push the screwdriver against the casting and pry up against each bracket, one at a time, until both the casting and brackets are tightly secured in place.

iii. With the holes in the bar, in the up position, take casting (1) and by squeezing the end of the bar, place casting (1) on the bar, until the inside top wall of the casting is flat against the bar. With the large washer completely underneath casting (1).

iv. Push the screwdriver against the casting and pry up against each bracket, one at a time, until both the casting and brackets are tightly secured in place. Tighten the two Allen head bolts. CAUTION: Prying excessively could result in bending of the bracket or stripping the slots in the castings.

v. With the welded nut washer facing away from casting (2) place it all the way to the inside of casting (1).

vi. With bar in castings, take a pencil and using the hole on top of casting (1), mark a circle on each end of the casting. (Proper selection of the slots in the bracket and the slots in the casting will result in a tighter fit on the vehicle.)

vii. With the holes in the bar, in the up position, take casting (1) and by squeezing the end of the bar, place casting (1) on the bar, until the inside top wall of the casting is flat against the bar.

viii. With the black booties on the back of casting (3), place the entire casting assembly into the rain gutter of the vehicle.

9. Your light bar hardware may settle in. After 2 or 3 weeks of use, go back and re-tighten all hardware. A periodic check on all hardware is recommended.

10. To maintain the luster of your light bar, apply a polish on a regular basis.

### Warranty Policy

**WARRANTIES!**

✓ Do not over tighten the nuts and bolts or damage to the castings and or stripping of the threads could result.

✓ FOR SAFE AND PROPER USAGE OF THIS PRODUCT, THE MOUNTING INSTRUCTIONS MUST BE FOLLOWED CAREFULLY AND COMPLETELY.

✓ The manufacturer and distributor of this product are in no way responsible for the consumer’s failure to adhere to the warnings and directions of these instructions in the event of damage to the consumer’s vehicle, other properties and or personal injury.

✓ DO NOT REMOVE THE PVC tape from the light bar until cutting is completed. When cutting black bar leave plastic bag on and wrap a rag around bar before putting into a vise so no scratching of paint will result. Remove the PVC tape from the brackets (does not apply to black brackets). The light bar will not tighten properly unless the bar is straight across the cab.

---

**CARR • 27447 Bookum Cir • Temecula CA. 92590**

### Structural Warranty: Limited Lifetime

- All warranties start from consumer’s date of purchase.
- A new product will be sent out immediately to replace a warranty claim.
- The above guidelines apply only to the Original Purchaser.
- Original model and distributed products are subject to manufacturer’s warranty only.

- WARNING: PERFORMANCE OF REPAIRS AND NEEDED ADJUSTMENTS IS THE EXCLUSIVE REMEDY UNDER THIS WRITTEN WARRANTY OR ANY IMPLIED WARRANTY. CARR SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM BREACH OF THIS WRITTEN WARRANTY.

### Limited Warranty

- Warranty conditions:
  - All warranties start from consumer’s date of purchase.
  - A new product will be sent out immediately to replace a warranty claim.
  - The above guidelines apply only to the Original Purchaser.
  - Original model and distributed products are subject to manufacturer’s warranty only.

- Warranty Policy:
  - Warranty coverage does not extend to any economic loss or extra expense including (without limitation), payment for the loss of time or pay, inconvenience, storage, loss of vehicle use, vehicle rental expense, equipment rental expense, lodging, meals, or other travel costs.

- Other Terms:
  - This warranty gives you specific legal rights and you may also have other rights that vary from state to state. CARR does not authorize any person to create for it any other obligation or liability in connection with its products. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE APPLICABLE TO THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WRITTEN WARRANTY. PERFORMANCE. WARRANTY, PREPARATION OF REPAIRS AND NECESSARY ADJUSTMENTS IS THE EXCLUSIVE REMEDY UNDER THIS WRITTEN WARRANTY OR ANY IMPLIED WARRANTY. CARR SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM BREACH OF THIS WRITTEN WARRANTY.

**Guarantee:**

- Every attempt has been made to manufacture and distribute the finest quality products available. Our manufactured products are guaranteed to be free of defects due to workmanship or materials. Distributed products are subject to manufacturer’s warranty only.