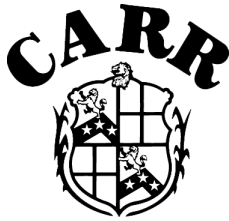


HD-18 Tube Step Installation Instructions

Part No's: 301100 / 301101



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.

Vehicle Application:

JEEP

'07-'13 JK Wrangler

MATERIAL NEEDED:

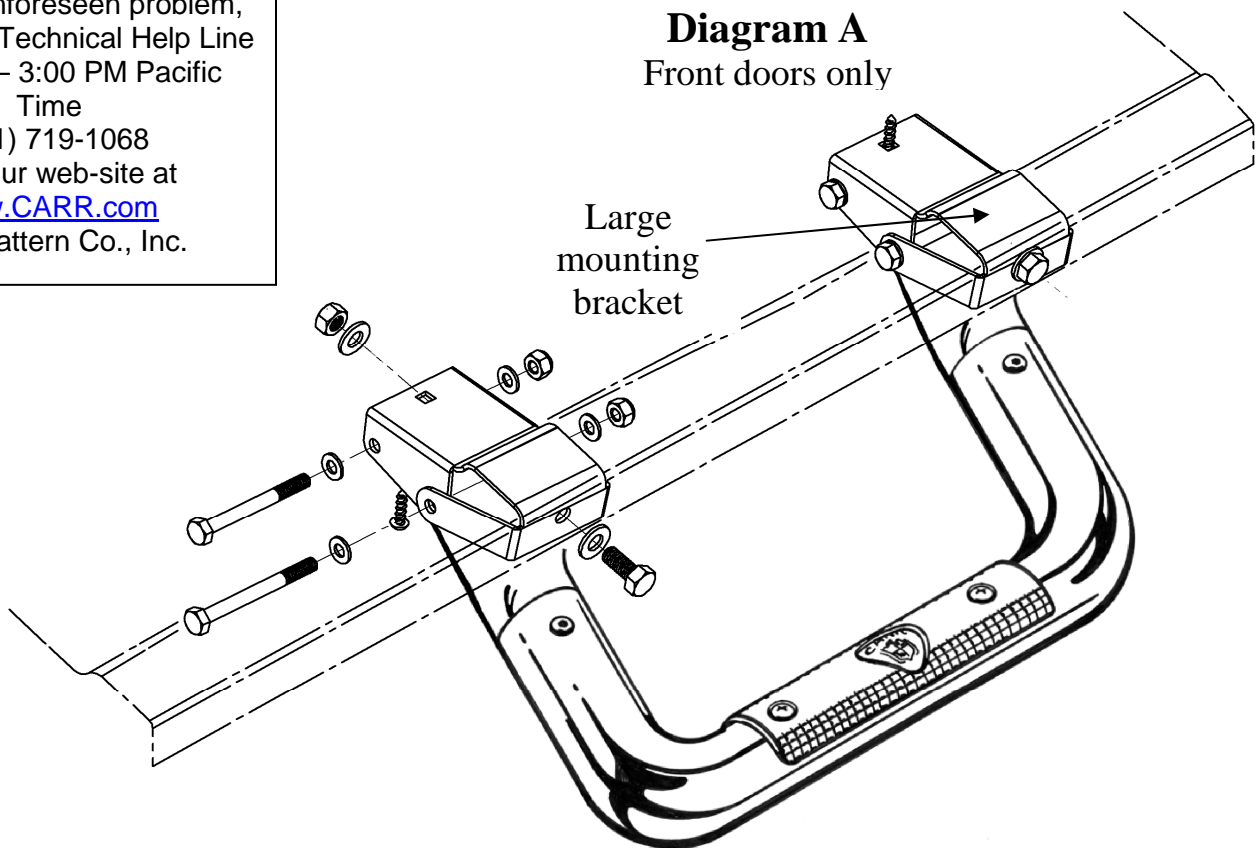
Drill Motor, 5/16" drill bit, 1/8" drill bit, 2 - 1/2" wrench, 2 - 7/16" wrench, Phillips screw driver, pencil.

MATERIAL FURNISHED:

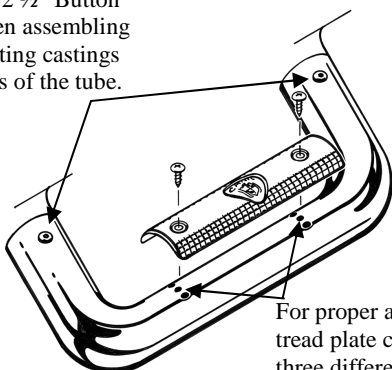
2 - HD-18 Tube step castings, 4 - Black mounting castings, 2 - Black curved tread plates, 4 - Large mounting brackets, 4 - "L" brackets, 2 - Hardware packs, 1 - Instruction. (**Important! Not all of the parts in these hardware packs may be needed for proper installation.**)

Diagram A

Front doors only



Use the 5/16 X 2 1/2" Button Head Bolts when assembling the black mounting castings to the open ends of the tube.



Detail B

For proper alignment, the tread plate can be rotated in three different positions.

**WAX YOUR STEP ON A
REGULAR BASIS TO
MAINTAIN ITS LUSTER**



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WARNINGS!

- ✓ 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.

1. Place the black mounting castings in the open ends of the tube. Line up the holes and securely fasten the castings to the tube with hardware provided. See **Detail B**.
2. For the proper position of the step, the front edge of the seat while in normal driving position should be in line with the center of the step. For personal preference or to avoid any obstruction underneath body metal, step can be moved left or right.
3. Assemble the Large mounting brackets to the black mounting castings that are bolted to the tube as shown in the diagram, and securely tighten.
4. When positioning the step against the body metal, be sure to avoid all bumps and screws to make sure that the step assembly is against a flat surface.
5. When the desired location is found, while holding the step in that position, take a short pencil and mark through the hole located in the front of each large mounting bracket onto the body metal.
6. Center punch the marked hole
7. Take a 1/8" drill bit and drill out the centered punched holes.
8. Replace the 1/8" drill bit and drill out the 1/8" hole for the marked 5/16" hole with a 5/16" drill bit.
9. After drilling, make sure that all the burrs are removed.
10. Place the step assembly back on the vehicle where the holes are drilled.
11. Take the 5/16" hardware that is provided and securely tighten the both large mounting brackets to the vehicle. See Diagram A.
12. Take a 1/8" drill bit and drill two more holes through the square holes that are located on each Large mounting bracket.
13. Take the sheet metal screws provided and securely tighten.
14. Place the black tread plates on the tube step in one of the three sets of holes for best alignment and securely fasten to the tube step with the black sheet metal screws provided.
15. Repeat all the above for the other side of your vehicle.
16. Make sure all hardware is securely tightened and that all the directions of this instruction have been followed carefully and completely, otherwise product failure could occur.

Carr Pattern Co., Inc. Warranty Policy

Finishes: Limited Lifetime

Structural Warranty: Limited Lifetime

Warranty Conditions:

- a. All warranties start from consumer's date of purchase.
- b. A new product will be sent out immediately to replace a warranty claim.
- c. The above guidelines apply only to the Original Purchaser.
- d. Original proof of purchase must be submitted for all warranty and returns issues.

Warranty Limitations:

- a. Warranty coverage extends ONLY to repair or replacement of the CARR product. This warranty does not cover the cost of labor, transportation, installation or removal of the product.
- b. Warranty coverage does not extend to damage caused by: collision, fire, theft, freezing, vandalism, riot, explosion or object striking the product, or misuse of the product and/or the vehicle on which the product is being installed.
- c. Warranty coverage does not extend to damage caused by: airborne fallout (chemicals, tree sap, etc.), stones, hail, earthquake, water or flood, windstorm, lightning, the application of chemicals or sealants subsequent to manufacture.
- d. Warranty coverage does not extend to damages caused by: normal wear and tear, abuse, modification or improper installation of the product.
- e. 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:

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