



Alumilite Steps
part# 840121412890

DIRECTIONS FOR INSTALLATION & USE

2019-2021 Dodge Ram 1500 new body
Crew Cab (full 4-door)

For technical support,
call **1-800-626-8746** or email **sales@icionline.com**
visit **icionline.com** to download instructions



ATTN: STATE OF CALIFORNIA CONSUMERS
WARNING: CANCER AND REPRODUCTIVE HARM
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WARNING: FAILURE TO COMPLY WITH INSTALLATION,
SAFETY, AND PRODUCT USE INSTRUCTIONS MAY RESULT IN
SERIOUS BODILY INJURY OR DEATH.

IMPORTANT NOTES

The contents of this installation and operation manual should be read and comprehended before initializing the installment of the above listed product. This will help minimize risk to injury through the installation process and through the operation of the product.

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SAFETY, WARNINGS, AND OPERATION

- Please ensure that the installer and end-user of this product have familiarized themselves with the contents in this manual. This manual provides important information about the possible safety and operation risks that are involved with the usage of this product.
- Our number one concern is the safety of our customers. This product is intended to be installed by a professional to minimize risk of an improper installation. Improper installations can lead to product damage, vehicle damage, and bodily injury. We ask that you reach out for professional assistance if this installation is beyond your capabilities.
- Please ensure to safeguard this installation and operation manual to reference in the future or to pass on to a future owner of the product.
- Please follow all instructions and take all safety precautions necessary throughout the entirety of the installation process.

PARTS AND TOOLS REQUIRED

SYMBOL	DESCRIPTION	TOOL	DESCRIPTION
	HAZARDOUS WARNING		RATCHET/SOCKET WRENCH
	WARNING: SHARP ELEMENTS		SOCKETS : 13mm
	WARNING: CRUSHING OF HANDS		13mm
	WARNING: HOT SURFACE		(Allen wrench included)
	MANDATORY: WEAR EYE PROTECTION		EYE PROTECTION

PARTS AND TOOLS REQUIRED

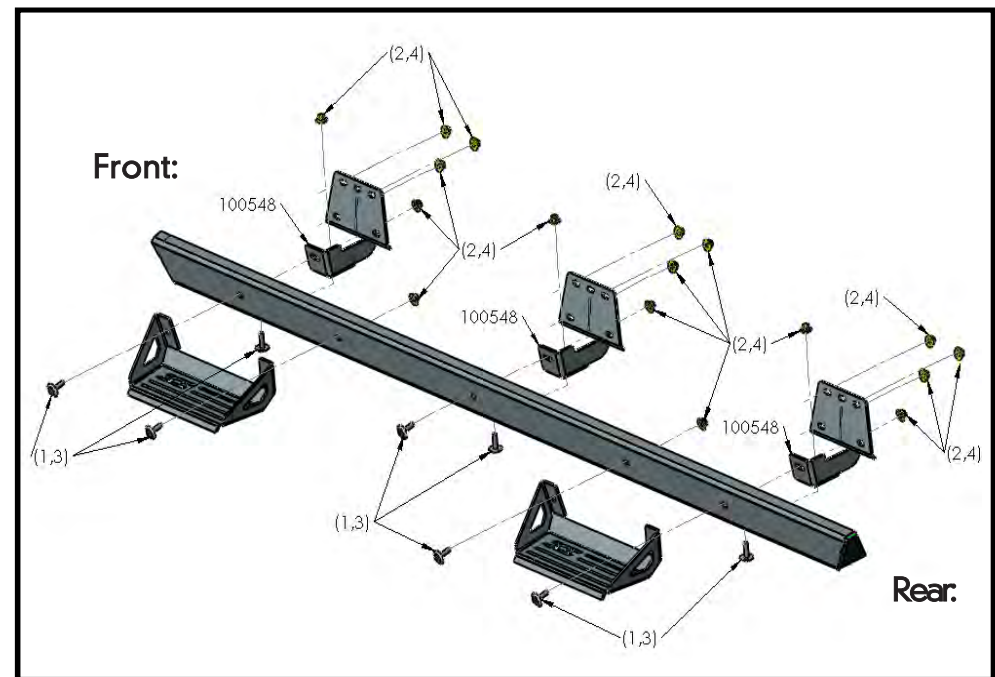
Hardware Kit includes:

- (1). Qty x 16 = M8 Finish Washers
- (2). Qty x 36 = M8 x 24 x 2mm Flat Washers
- (3). Qty x 16 = MM8 x 35mm Hex Countersunk Bolts
- (4). Qty x 36 = M8 Nylock Nuts
- (5). Allen Wrench included

Components List:

- (a). Side Bars - Qty x 2
1 Driver / 1 Passenger
- (b). Front / Middle / Rear Brackets - Qty x 6
3 Driver / 3 Passenger (100548)
- (e) Hoop Steps (bolt on) - Qty x 4
2 Driver / 2 Passenger

Reference Diagram: DRIVER SIDE example below:



ICI STEP INSTALLATION

Step 1 (Prep)

Beginning on the Driver's side, remove any steps if equipped. Next, locate the 3 sets of mounting points on the underside of the vehicle (Fig. 1). Each bracket will mount to three factory studs. See figure 1 for reference. Factory hardware can be reused if desired.

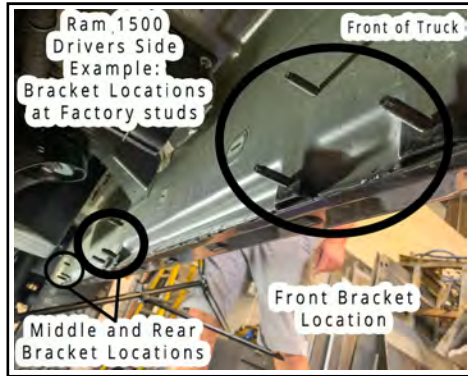


Figure 1.

Step 2 (Install Brackets to Truck)

Begin with the driver front bracket 100548. You will need (3 sets) of M8 nylock nuts and flat washers, unless you are reusing the OE nuts. Use a 13mm socket and do not fully tighten yet. Once the front bracket is attached, move on to the middle and rear brackets, repeating the steps above for each bracket.

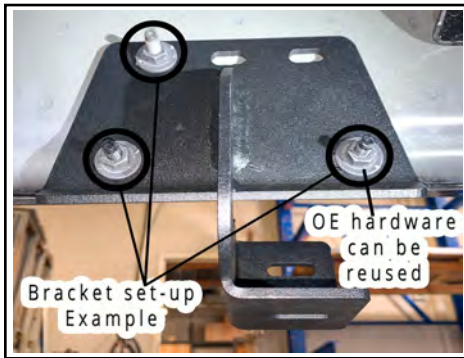


Figure 2.

Step 3 (Hang bar on Brackets)

Next, locate the driver side bar. The top of the bar has a small lip, use the lip to hang the bar on the brackets. This will make the installation process easier and hands-free.



Figure 3.

ICI STEP INSTALLATION

Step 4 (Bolt Middle Bracket to Bar)

Start by bolting the middle bracket (100548) to the bar. You will need (2 sets) of M8 nylock nuts, M8x35mm hex countersunk bolts, M8 flat washers, and M8 finish washers. Use a 13mm wrench and the provided Allen wrench. Do not fully tighten until all brackets and steps have been attached.

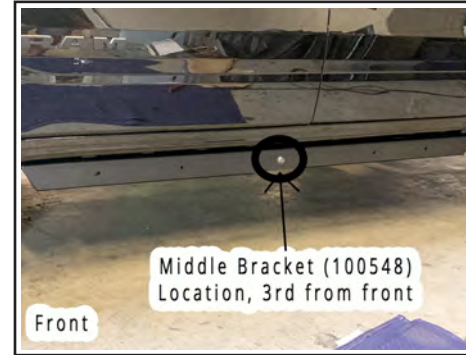


Figure 4.

Step 5 (Bolt Front Bracket to Bar and Front Hoop Step)

Next, bolt front bracket (100548) to front hoop step and bar. Then, finish bolting hoop step to bar. Note that the bracket and hoop step share a bolt. Reference diagram on pg. 3. Use (3 sets) of M8 nylock nuts, hex head countersunk bolts, flat washers, and finish washers. Use a 13mm wrench and the provided Allen wrench. Leave loosely fitted for now.

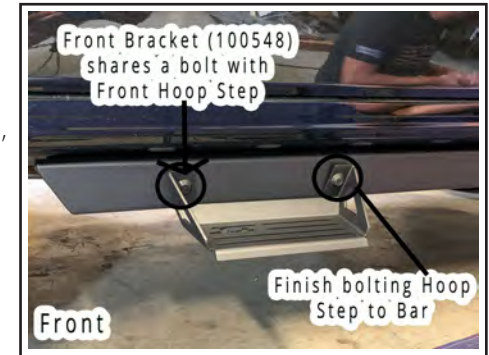


Figure 5.

Step 6 (Bolt Rear Bracket to Bar and Rear Hoop Step)

Next, bolt rear bracket (100548) to rear hoop step and bar. Then, finish bolting hoop step to bar. Note that the bracket and hoop step share a bolt. Reference diagram on pg. 3. Use (3 sets) of M8 nylock nuts, hex head countersunk bolts, flat washers, and finish washers. Use a 13mm wrench and the provided Allen wrench. Leave loosely fitted for now.



Figure 6.

ICI STEP INSTALLATION

STEP 7 (Tighten Brackets to Truck)

Make sure all 3 brackets are loosely fit to the vehicle and bar. Using a 13mm socket, fully tighten the front bracket to the vehicle. Make sure the bracket is flush with the mounting surface. Repeat on the middle and rear brackets, checking the bracket alignment as needed. Leave bar loose for now.

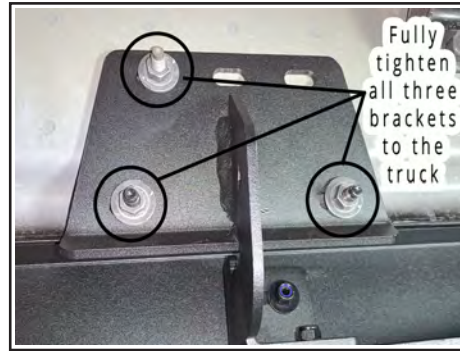


Figure 7.

STEP 8 (Tighten Brackets to the Bar)

Once the 3 brackets are fully tightened to the truck, adjust the bar from front to back and tighten the bar to the brackets with a 13mm socket and provided Allen wrench. Make sure the bar is flush with the front and bottom face of the brackets as you are tightening them. Then, tighten the Hoop Steps to the bar.

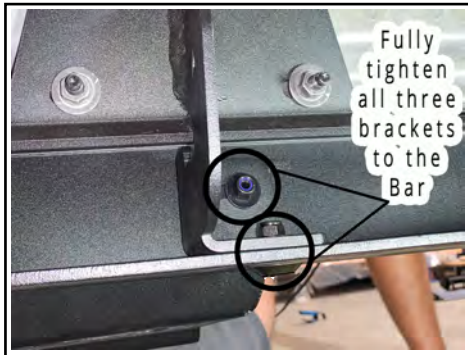


Figure 8

STEP 9 (Finish)

Check all hardware and make sure they are fully tightened. Reference diagram on page 3 for hardware locations. Repeat Steps 1-9 for the Passenger Side.



Figure 9.

***PRO TIP:** When tightening the Finish Washers, hold the Allen Key tight so the Bolt does not spin. Then, tighten the Nut on the backside. This will prevent the Bolt and Finish Washer from spinning and scratching the Bar.

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