

INSTALLATION GUIDE



16-UCS72 Crossbar
1 BAR (72")

RANGER
DESIGN

READ ME FIRST

Prior to following this install guide, please see the install guide of the mechanism being installed (i.e., Max Rack, Clamp Rack, Access Stow, Cargo Rack) for initial steps. If no additional steps are required proceed with this install guide.

WARNING

Before the installation, carefully read the supplied installation guide to avoid possible injuries and damages resulting from incorrect installation. Always keep the installation guide in an accessible location at all times for reference during installation.

Installers must always wear appropriate safety gear during installation. This may include but is not limited to gloves, steel toed shoes, and safety glasses.

It is the installer's responsibility to ensure the install is safe and secure. For further questions please contact us at 1-800-565-5321.

Phase 1 - Assembly

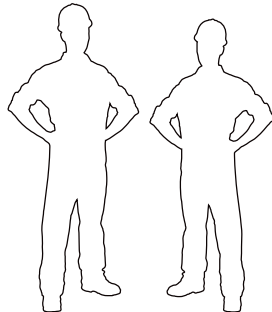
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Phase 2 - Installation

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REQUIRED ITEMS

- Rubber Mallet
- Ratchet
- Socket 1/2"
- Anti-Seize

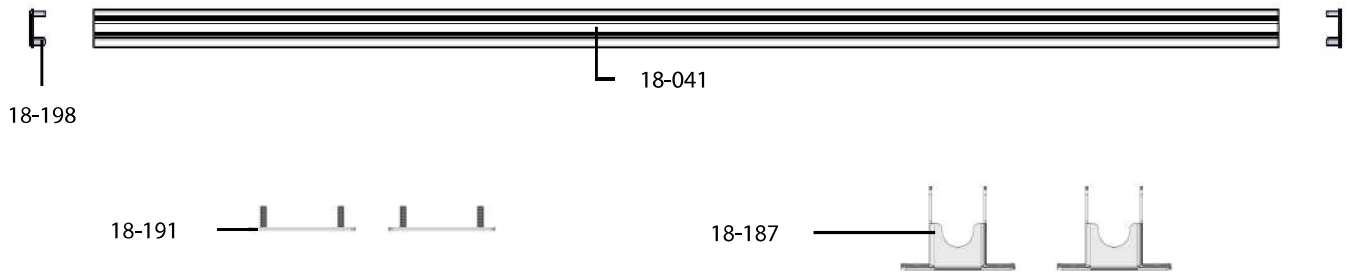


2
PERSONS

PHASE 1 – ASSEMBLY

1.1 SETUP

1.1.1 Verify all parts are present.



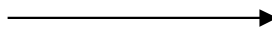
BILL OF MATERIALS

Item No.	Description	Qty.
18-187	Foot	2
18-041	Crossbar 72"	1
18-198	End Plastic Plug	2
18-191	Stud Plate	2
94-1805	Fastener kit	1

VERIFY ALL PARTS ARE PRESENT

FASTENER BAGS.





94-1805







Fastener Assembly

- 4x  # 90-203 Bolt hx-hd 5/16"-18x5/8" SS304
- 4x  # 94-105 Lock Nut 5/16" SS316 WAX
- 4x  # 94-250 NUT - CHANNEL, 5/16"-18 SST
- 8x  # 98-117 Flat Washer 5/16" OD, 3/4" SS18-8
- 8x  # 98-123 Lock Washer 5/16" SS304

4x

-  #90-203 Hex Bolt 1 - 1/8"
-  #98-123 Lock Washer 5/16"
-  #98-117 Flat Washer 5/16"
-  #94-250 Channel Nut 5/16"

2x

-  #94-105 Hex Nut 5/16" (x2)
-  #98-123 Lock Washer 5/16" (x2)
-  #98-117 Flat Washer 5/16" (x2)
-  18-191

1.2 ASSEMBLY





Prior to following this step, please see the install guide of the mechanism being installed. If no additional steps are required proceed with this install guide.

1.2.1 Follow the table below to install the crossbars onto the feet.

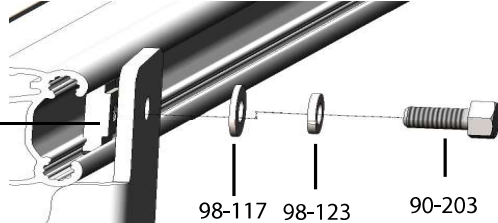
TOOLS

- Ratchet
- 1/2" Socket

HARDWARE USED 4x (11 lbs • ft)

-  #90-203 Hex Bolt 1 - 1/8"
-  #98-123 Lock Washer 5/16"
-  #98-117 Flat Washer 5/16"
-  #94-250 Channel Nut 5/16"

FOOT PLACEMENT GUIDE	
VEHICLE	DIMENSION (A)
NISSAN NV	5 - 3/4"
SPRINTER (HIGH-ROOF)	8 - 3/4"
SPRINTER (LOW-ROOF)	5 - 1/4"
TRANSIT	7 - 7/16"
PROMASTER	5 - 1/2"



PHASE 2 – INSTALL

2.1 INSTALL





2.1.1 Fasten feet to mounting tracks.

NOTE: Follow the appropriate Ladder Rack mechanism IG or Mounting Track IG to install the crossbars in the correct position. The values may vary depending on Vehicle and Ladder Rack type.

TOOLS

- Ratchet
- 1/2" Socket

HARDWARE USED 2x (11 lbs• ft)

-  #94-105 Hex Nut 5/16" (x2)
-  #98-123 Lock Washer 5/16" (x2)
-  #98-117 Flat Washer 5/16" (x2)
-  18-191

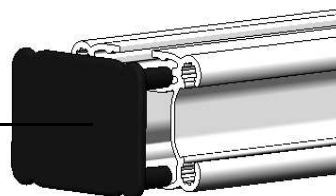
2.1.2 Install caps.

TOOLS

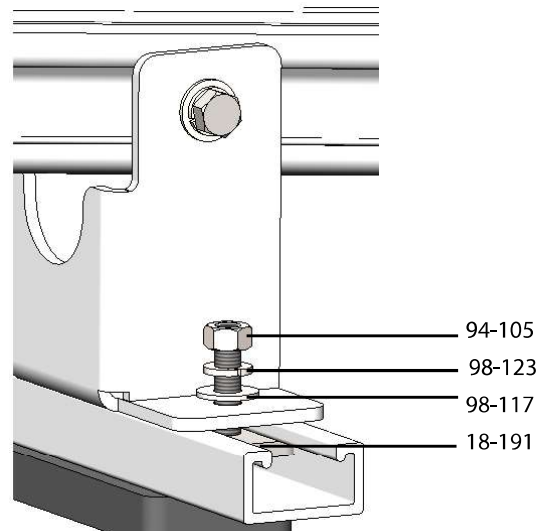
- Rubber Mallet 2x



18-198



NOTE: This crossbar must be installed between the 16-UCD72 set of crossbars.



“You have successfully installed your Crossbar, thank you for doing business with us.”

For any feedback or suggestions, you may have, please contact: cs@rangerdesign.com