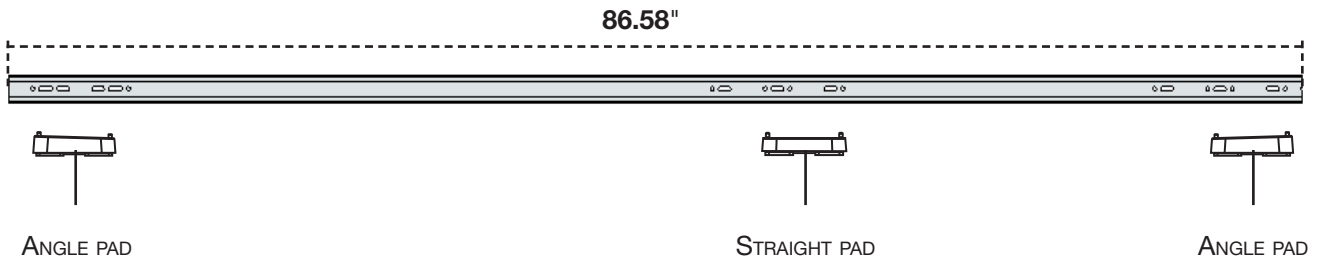
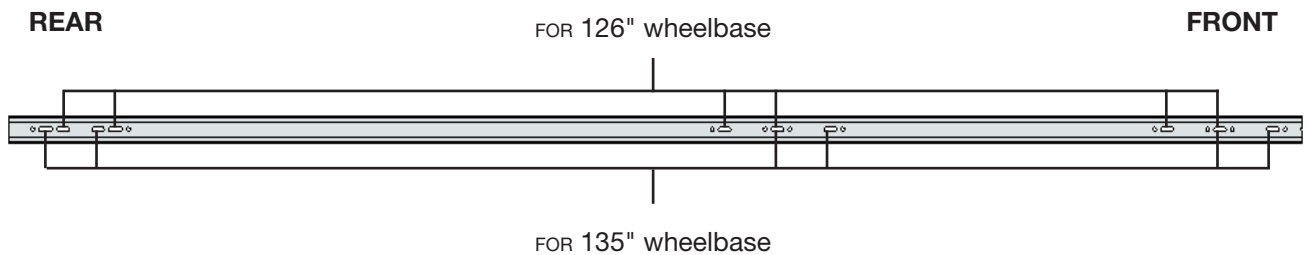
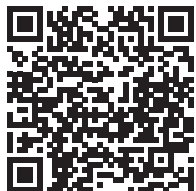


# INSTALLATION GUIDE



## 18-U0043 MOUNTING TRACK

METRIS LWB AND METRIS SWB



Scan the QR for the latest Install-Guide.





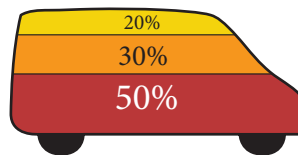
# BEFORE YOU BEGIN

READ, UNDERSTAND, AND FOLLOW ALL WARNINGS AND INSTRUCTIONS BEFORE USING THIS PRODUCT. FAILURE TO FOLLOW THESE DIRECTIONS MAY RESULT IN PROPERTY DAMAGE, SERIOUS BODILY INJURY, AND/OR DEATH. RANGER DESIGN IS NOT RESPONSIBLE FOR ANY PROPERTY DAMAGE, PERSONAL INJURY, OR DEATH THAT OCCURRED WHILE USING ANY RANGER DESIGN PRODUCTS.



## WARNING

- Failure to use Ranger Design-provided fasteners, brackets, and proper installation guidelines could increase risk of serious personal injury and/or death.
- If drilling is required to complete this installation: improper drilling can cause property damage to vehicles and could lead to electric shock, fire, or even death.
- If drilling is required to complete this installation: Ensure that drilling is only performed on areas of the vehicle allowed by the vehicle's Original Equipment Manufacturer's Body Builders Layout Book (or equivalent document).
- Prior to installation, inspect the vehicle to ensure that installation will not interfere with, or cause obstruction of, any critical components such as electrical wiring, fuel tanks, fuel-cells, locks, latches, etc.
- The installer or manufacturer is responsible for ensuring anchorages are installed onto suitable wall and floor structures; wall and floor strength must meet applicable performance requirements.
- Do not install systems into any weak or unsound materials such as plastics, woods, thin-walled metals, etc. without proper reinforcement.
- Do not install this product where it could interfere with the deployment of airbags. Failure to comply could result in death or serious injury.
- Incorrect installation could cause water leaks, electric shock or fire.
- Any cargo vehicle with any cargo or equipment should use a certified partition. See Ranger Design website for some partition options. (<https://rangerdesign.com/>)
- Mountings rails are recommended for any attachment to the vehicle walls.
- All items in the cargo area should be properly secured and partition doors closed while the vehicle is in motion.
- Check your vehicle's tare weight and remaining load capacity with all the equipment installed. Never exceed the maximum Gross Vehicle Weight Rating (GVWR), Gross Axle Weight Ratings (GAWRs), or other maximum loads permitted by the vehicle's Original Equipment Manufacturer (OEM) and required by law.
- The heaviest items must be placed towards the bottom of the vehicle, while the lightest ones can be arranged upwards. Vehicle cargo loading weight proportion should follow the following guidelines:



- The final alterer and/ or modifier should review the warning sheet with the customer before the vehicle is released to the customer or for general use. These instructions should remain with the vehicles a all times.
- Any modification or unintended use of this product voids any warranty and could create a hazardous condition.
- Ranger Design provides recommended assembly and installation instructions which should be followed to ensure correct operation. Failure to do so could result in invalidating the product's compliance, warranty and cause injury. Notwithstanding, the final stage vehicle alterer and/or modifier is responsible for the integration, installation, and compliance of the product in its final location to all applicable regulations and standards. Failure to maintain compliance of the vehicle to applicable regulations and standards could be punishable by law. Alterers and/or modifiers should consult with all local authorities prior to commissioning.



## CAUTION

- If drilling is required to complete this installation. Before drilling, ensure that you will not hit any critical parts of the vehicle like the gas tank, wiring harness, or hose. Consult the vehicle OEM documentation as necessary. When drilling, use a drill collar to reduce the risk of damage to the vehicle.
- Any materials, padding, or glazing installed in the vehicle must comply with FMVSS/CMVSS 201/205/302, as applicable.
- In the event of a motor vehicle accident or collision where a Ranger Design system has been installed, especially ones where the vehicle structure is damaged and/or the air bags deploy and/or the vehicle has been towed, the system must be inspected to ensure continued soundness and safety before returning the vehicle to service. Damaged components should be replaced as necessary.
- All system components should be regularly inspected, cleaned, and maintained pursuant to Ranger guidelines.

# QUICK START GUIDE

## PHASE 1 - ASSEMBLY

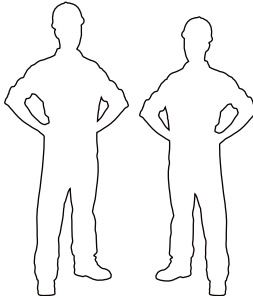
- 1.1.1 SETUP ( VERIFY ALL PARTS ARE PRESENT )..... 4

## PHASE 2 - INSTALLATION

- 2.1.1 INSTALLATION ( INSTALL THE MOUNTING TRACK WITH PADS ON THE ROOF )..... 6

## REQUIRED ITEMS

- Cordless Impact
- Tape Measure
- Ladder
- 10MM Socket
- Silicone

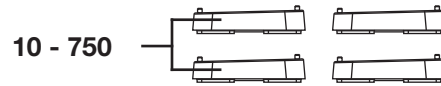
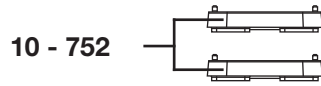


**2**  
**PERSONS**

# PHASE 1 – ASSEMBLY

## 1.1 SETUP

1.1.1 Verify all parts are present.



10 - 730



**VERIFY ALL PARTS ARE PRESENT**

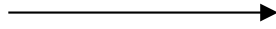
Item No.	Description	Qty.
10-730	MOUNTING TRACK	2
10-750	ANGLE PAD	4
10-752	STRAIGHT PAD	2
96-1030	CUSTOMER INSTALL FASTENER KIT	1



**VERIFY ALL PARTS ARE PRESENT**

FASTENER BAGS.

**96-1030**



**Fastener Assembly**

8x



# 90-839

Hex Bolt  
M6-1.0 x 45MM  
SS304

4x



# 90-835

Hex Bolt  
M6-1.0 x 35MM  
SS304

12x



# 10-764

Neoprene Spacer  
1/16" Thick

12x



# 98-113

Flat Washer  
1/4"

12x



# 98-119

Lock Washer  
1/4"

8x

	#90-839 Hex Bolt M6 x 45MM
	#98-119 LOCK WASHER
	#98-113 FLAT WASHER
	MOUNTING TRACK
	ANGLE PAD
	#10-764 NEOPRENE SPACER

4x

	#90-835 Hex Bolt M6 x 35MM
	#98-119 LOCK WASHER
	#98-113 FLAT WASHER
	MOUNTING TRACK
	STRAIGHT PAD
	#10-764 NEOPRENE SPACER

# PHASE 2 – INSTALLATION

## 2.1 INSTALLATION

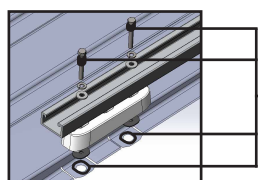
2.1.1 Install the mounting track with pads.

### 126" WHEELBASE

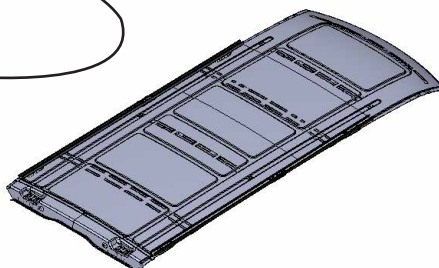
- NOTE:**
- Slide stud plate on both ends of the mounting track before installing the mounting track.
  - Slide 3 stud plates if you have 3 bar racks.



**NOTE:** APPLY SILICONE AROUND EACH HOLE, AND BOLT THEN FASTEN THE TRACKS TO THE ROOF.



SILICONE



REAR

MIDDLE

FRONT

### TOP VIEW

SHOWING WHAT HOLES YOU WILL USE



### SIDE VIEW

SHOWING THE POSITION OF THE PADS



ANGLE PAD

STRAIGHT PAD

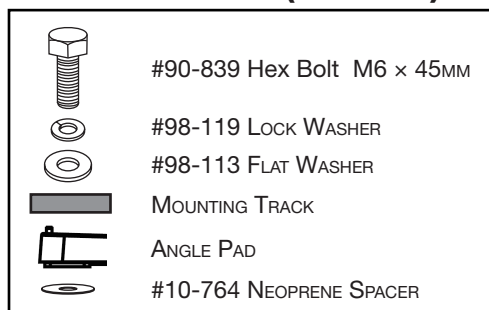
ANGLE PAD

### TOOLS

- Cordless Impact
- 10MM Socket
- Silicone

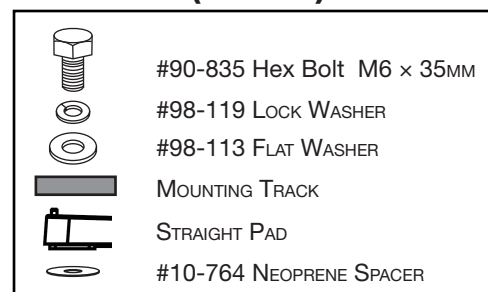
### FASTENERS USED

8x FRONT & REAR (5 FT • LB)



### FASTENERS USED

4x MIDDLE (5 FT•LB)

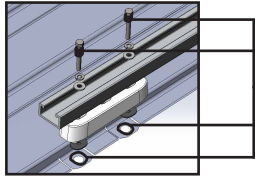


**135" WHEELBASE**

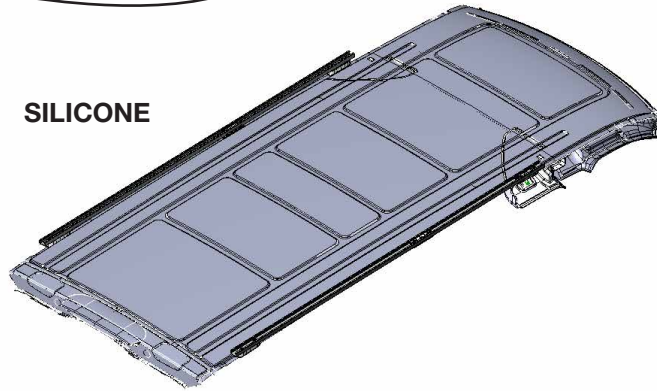
- NOTE:**
- Slide stud plate on both ends of the mounting track before installing the mounting track.
  - Slide 3 stud plates if you have 3 bar racks.



**NOTE:** APPLY SILICONE AROUND EACH HOLE, AND BOLT THEN FASTEN THE TRACKS TO THE ROOF.



**SILICONE**



**REAR**

**FRONT**

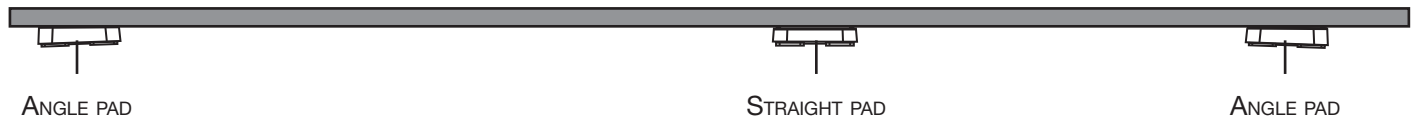
**TOP VIEW**

SHOWING WHAT HOLES YOU WILL USE



**SIDE VIEW**

SHOWING THE POSITION OF THE PADS

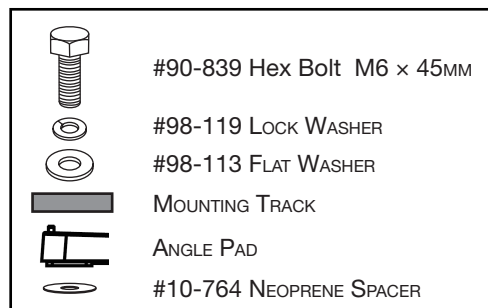


**TOOLS**

- Cordless Impact
- 10MM Socket

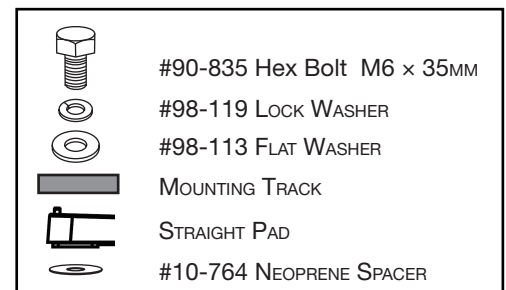
**FASTENERS USED**

**8x FRONT & REAR**

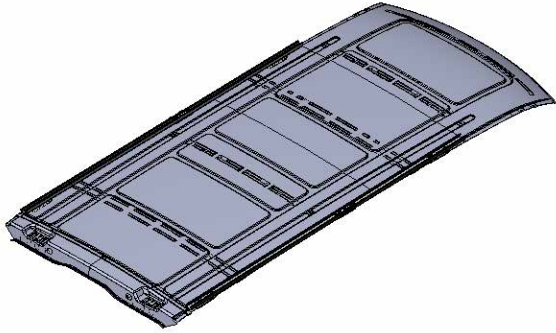


**FASTENERS USED**

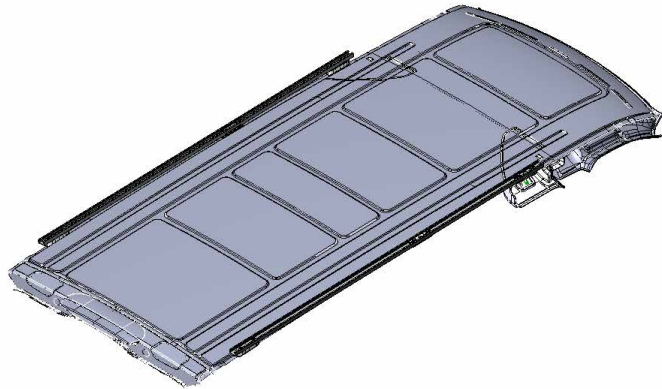
**4x MIDDLE**



126" WHEELBASE



135" WHEELBASE



**“Congratulations, you have successfully installed your  
Mounting Track on your vehicle!”**

**Thank you for doing business with us.”**

For any feedback or suggestions you might have, please contact: [cs@rangerdesign.com](mailto:cs@rangerdesign.com)

