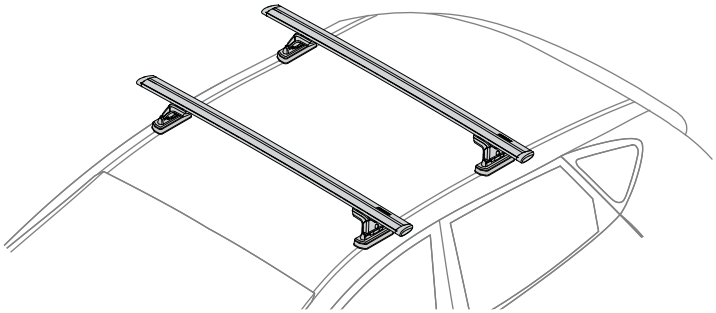
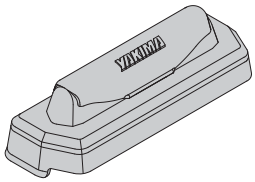
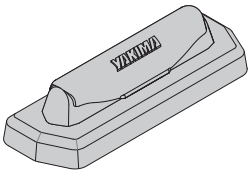
YAKIMA

Landing Pad 21

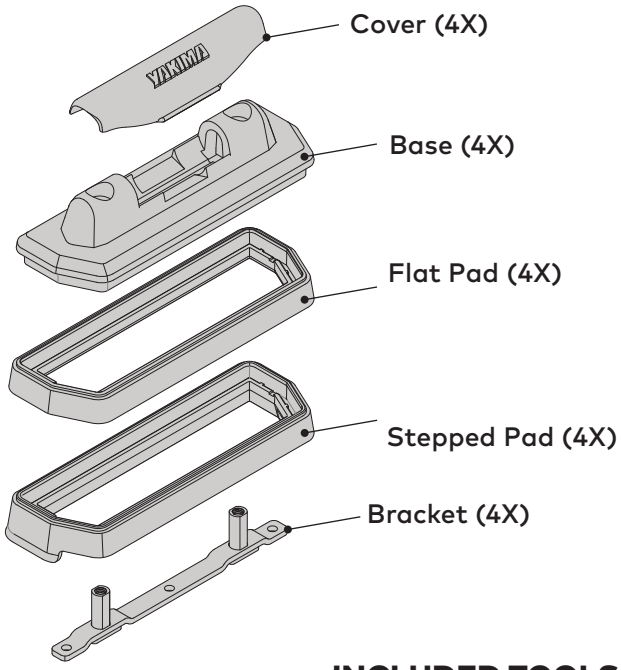




with Stepped Pad

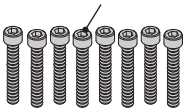


with Flat Pad

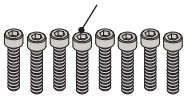


HARDWARE

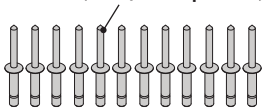
M6x40 Screw (8X)



M6x28 Screw (8X)



Stainless Steel Pop Rivet (12X, 2X spares)



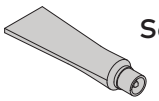
M6 Washer (8X)

Use only the approved hardware included with this kit.

INCLUDED TOOLS
OUTILS INCLUS
HERRAMIENTAS INCLUIDAS

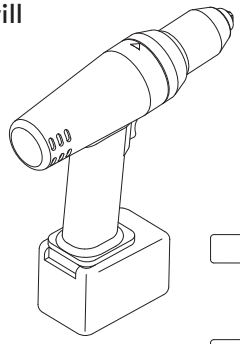
5mm Wrench (1X)

Sealant (1X

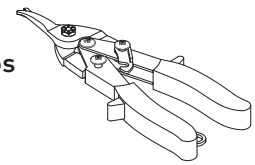


REQUIRED TOOLS

Drill



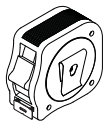
Tin Snips



1/8" Drill Bit

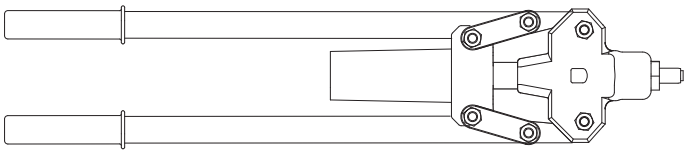
3/16 Drill Bit

Tape Measure



nylon scraper

Heavy-Duty Rivet Tool



Pen

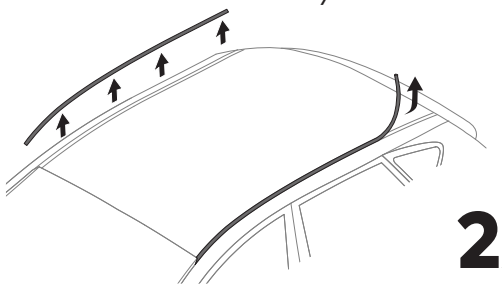
REFER TO YAKIMA SKYLINE OR CONTROL TOWER INSTRUCTIONS FOR IMPORTANT WARNING AND LOAD LIMITATIONS, AND YAKIMA'S LIMITED WARRANTY.

Landing Pad 21 has a load limit of 165lbs (75KG) or 220lbs (100KG) when paired with Yakima HD Bars.

IMPORTANT WARNING! It is critical that all yakima racks and accessories be properly and securely attached to your vehicle. Improper attachment could result in an automobile accident, and could cause serious bodily injury or death to you or to others. You are responsible for securing the racks and accessories to your car, checking the attachments prior to use, and periodically inspecting the products for adjustment, wear, and damage. Therefore, you must read and understand all of the instructions and cautions supplied with your yakima product prior to installation or use. If you do not understand all of the instructions and cautions, or if you have no mechanical experience and are not thoroughly familiar with the installation procedures, you should have the product installed by a professional installer such as a qualified garage or auto body shop.

1 REMOVE THE DITCH MOLDING.

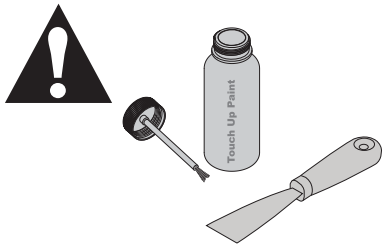
Pry up and remove the ditch molding on both sides of your vehicle.



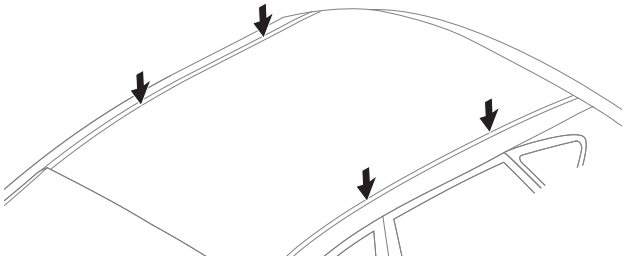
2X

2 DECIDE WHERE YOU'LL PLACE THE BRACKETS.

- Consider your desired crossbar spread (32" is recommended).
- Inspect the ditch and look for any obstructions.
- Avoid any spot welds.
- Look for a flat spot.
- Find a location in the ditch where brackets can be installed parallel. **This is critical for tower functionality**.
- Choose areas where the adjoining roof panel has underside bracing.

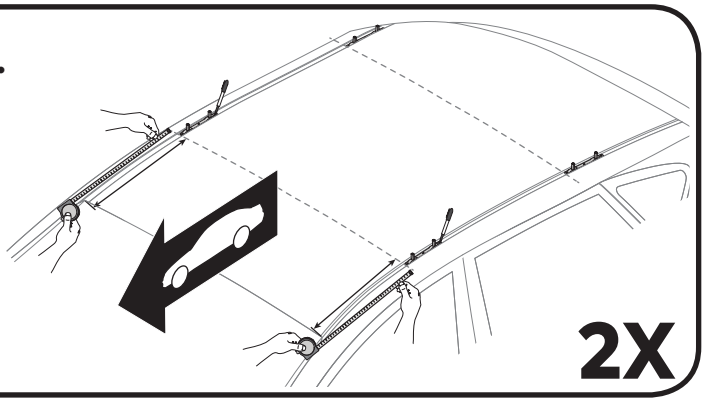


Brackets must contact metal surface. Remove body filler or sealant from each bracket location with a nylon scraper or similar. Coat any chipped paint with automotive touch up paint.



3 MEASURE AND MARK THE FRONT BRACKETS.

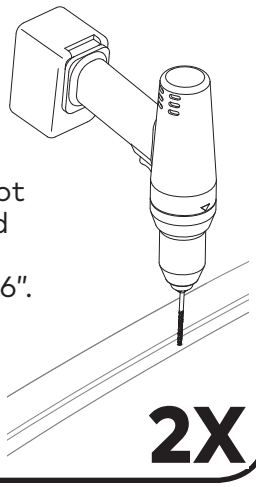
With the front brackets in place measure and set them equal distance from the corner of windshield, then mark the rear-most holes with a marker.



2X

4 DRILL THE HOLES.

- Drill a pilot hole with the 1/8" drill bit where you made the mark.
- Lubrication may be helpful.
- Do not drill through lower bracing.
- The rivets require a 1/2" depth. If 1/2" depth is not available the brackets will have to be moved and pilot hole plugged.
- Then use the 3/16" drill bit to drill the hole to 3/16".
- Repeat the process on the other side of the vehicle.
- Carefully blow or brush aside the swarf (metal debris) on each side to prevent scratching the paint.

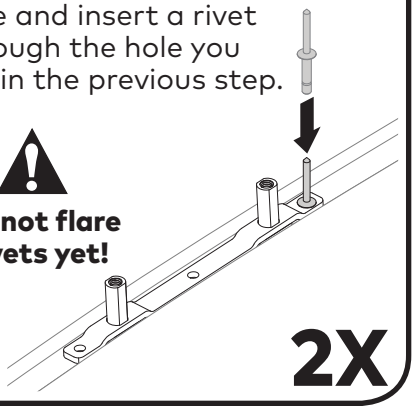


2X

5 CREATE A PIVOT POINT.

Put the front bracket in place and insert a rivet through the hole you drilled in the previous step.

Do not flare rivets yet!

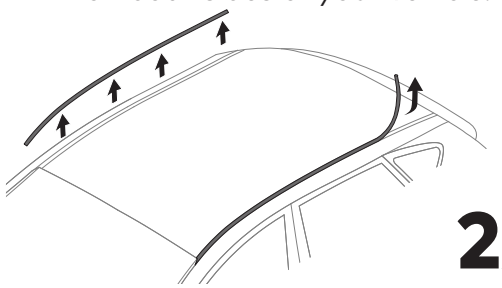


2X

Instruction #1035971B

1 REMOVE THE DITCH MOLDING.

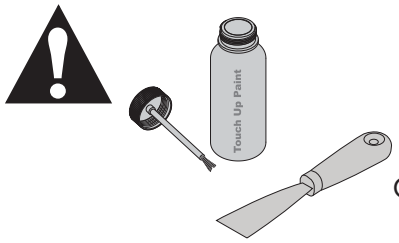
Pry up and remove the ditch molding on both sides of your vehicle.



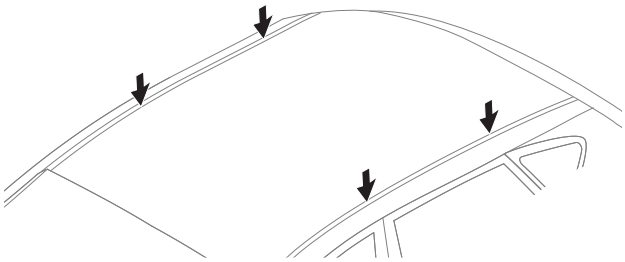
2X

2 DECIDE WHERE YOU'LL PLACE THE BRACKETS.

- Consider your desired crossbar spread (32" is recommended).
- Inspect the ditch and look for any obstructions.
- Avoid any spot welds.
- Look for a flat spot.
- Find a location in the ditch where brackets can be installed parallel. This is critical for tower functionality.
- Choose areas where the adjoining roof panel has underside bracing.

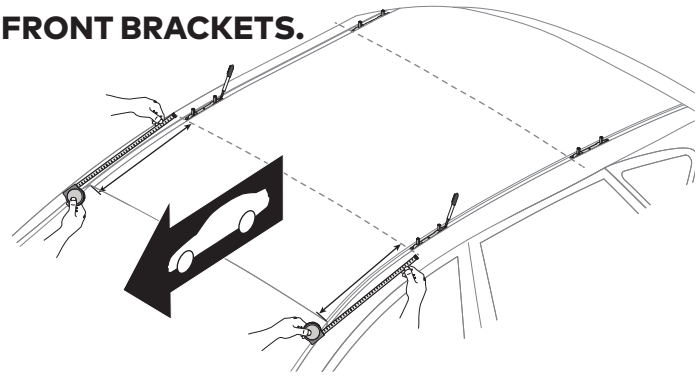


Brackets must contact metal surface. Remove body filler or sealant from each bracket location with a nylon scrape or similar. Coat any chipped paint with automotive touch up paint.



3 MEASURE AND MARK THE FRONT BRACKETS.

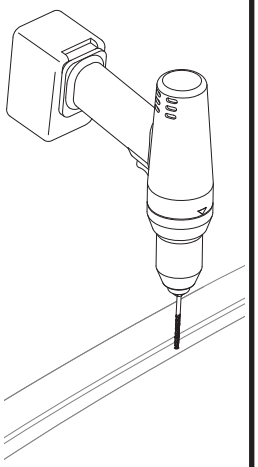
With the front brackets in place measure and set them equal distance from the corner of windshield, then mark the rear-most holes with a marker.



2X

4 DRILL THE HOLES.

- Drill a pilot hole with the 1/8" drill bit where you made the mark.
- Lubrication may be helpful.
- Do not drill through lower bracing.
- The rivets require a 1/2" depth. If 1/2" depth is not available the brackets will have to be moved and pilot hole plugged.
- Then use the 3/16" drill bit to drill the hole to 3/16".
- Repeat the process on the other side of the vehicle.
- Carefully blow or brush aside the swarf (metal debris) on each side to prevent scratching the paint.

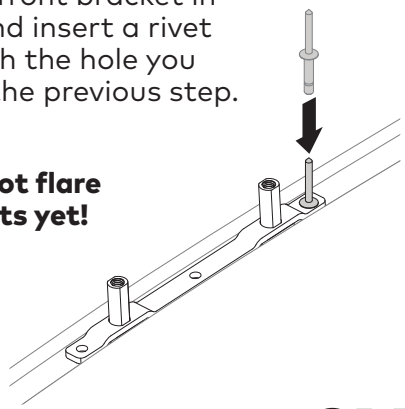


2X

5 CREATE A PIVOT POINT.

Put the front bracket in place and insert a rivet through the hole you drilled in the previous step.

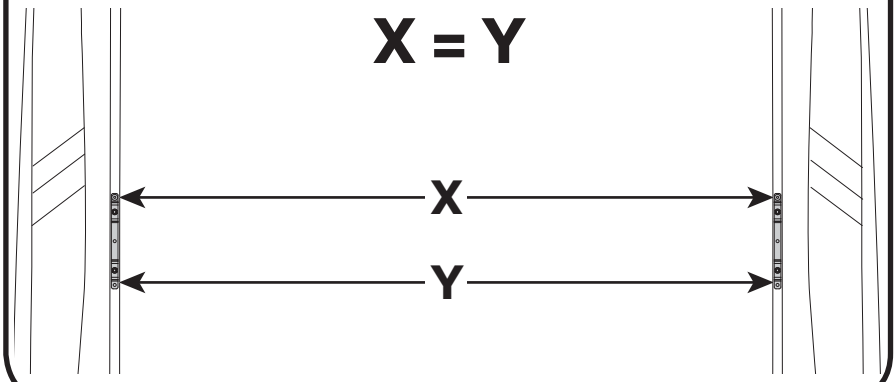
Do not flare rivets yet!



2X

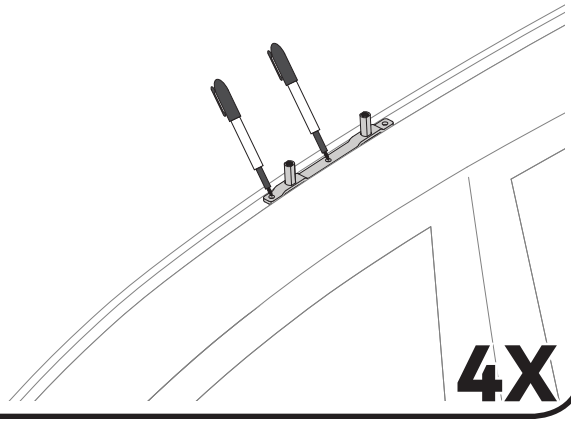
6 SET THE BRACKETS TO BE PARALLEL.

Measure the distance between the two brackets at the ends with the rivets (X) then pivot the brackets to set the other end of the brackets to that same distance (Y).



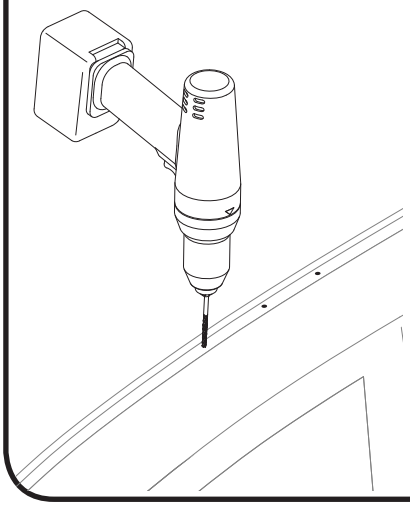
7 MARK THE FRONT HOLES.

Without moving the brackets mark the center and front holes.



4X

8 DRILL THE OTHER HOLES.

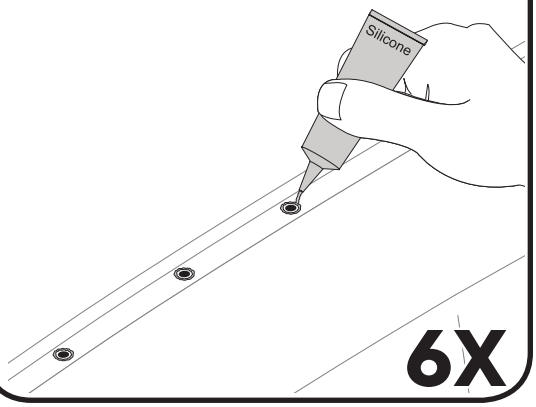


- Remove the rivet and the bracket.
- Drill pilot holes with the 1/8" drill bit where you made the marks.
- Lubrication may be helpful.
- Then use the 3/16" drill bit to drill the holes to 3/16".
- Repeat the process on the other side of the vehicle starting with the rearmost hole.
- Carefully blow or brush aside the swarf (metal debris) on each side to prevent scratching the paint.

4X

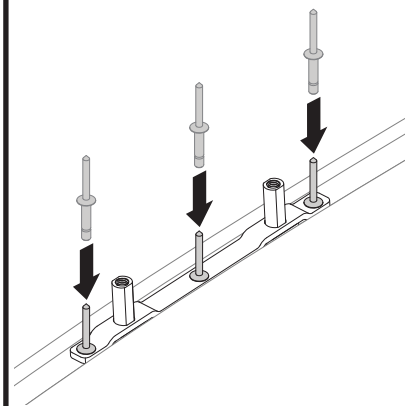
9 APPLY SILICON AROUND THE HOLES.

Apply an even generous ring of silicon around each hole.



6X

10 SET THE RIVETS IN PLACE.

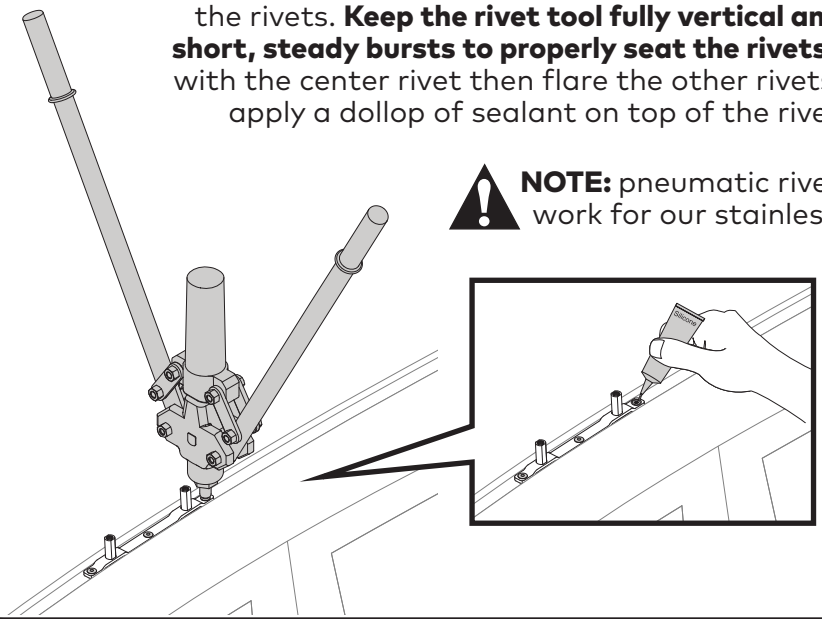


6X

11 INSTALL THE RIVETS.

Use a heavy duty rivet tool like what's shown to flare the rivets. **Keep the rivet tool fully vertical and use short, steady bursts to properly seat the rivets.** Start with the center rivet then flare the other rivets. Then apply a dollop of sealant on top of the rivets.

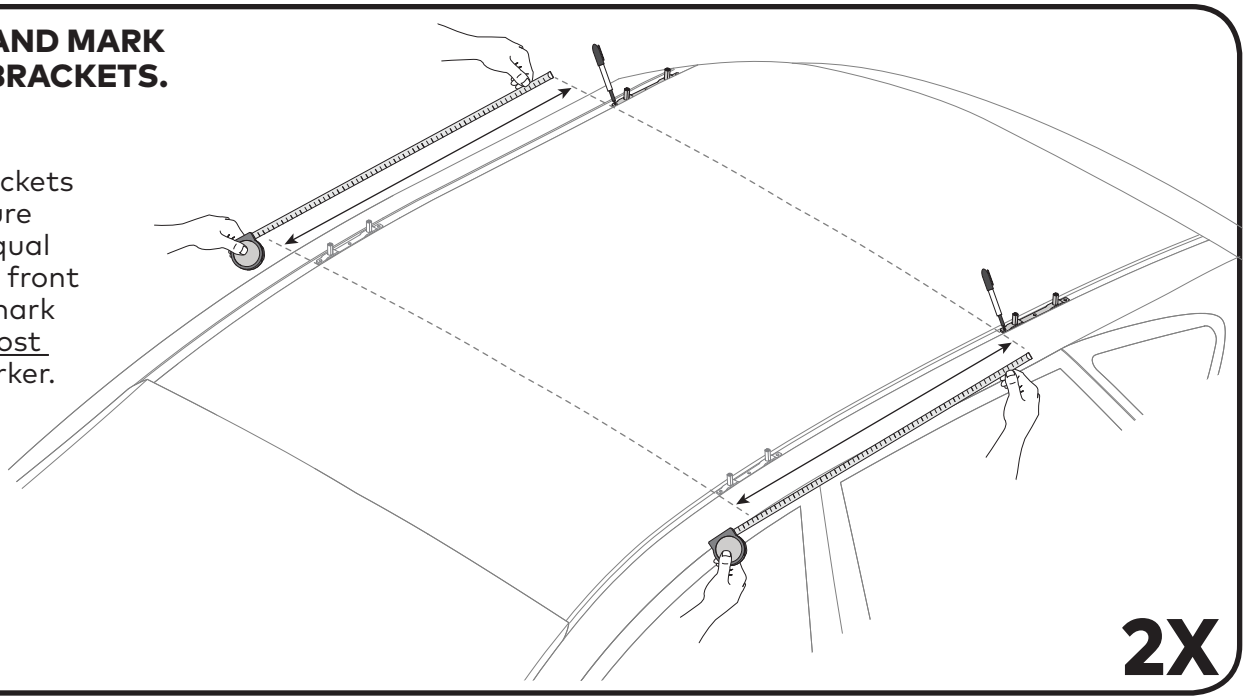
NOTE: pneumatic rivet tools do not work for our stainless steel rivets.



6X

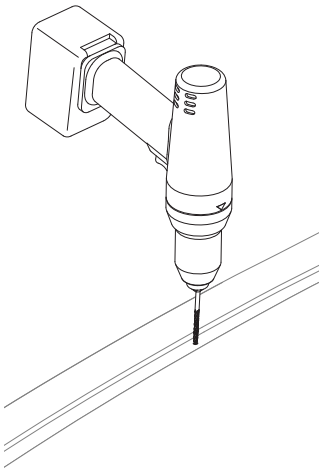
12 MEASURE AND MARK THE REAR BRACKETS.

With the rear brackets in place measure and set them equal distance from the front brackets, then mark the forward-most holes with a marker.



2X

13 DRILL THE HOLES.



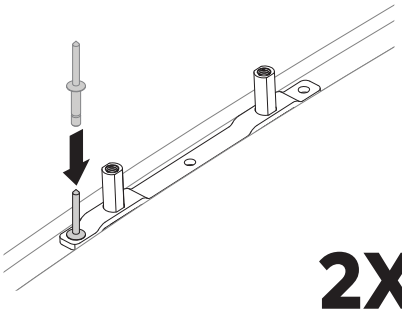
- Drill a pilot hole with the 1/8" drill bit where you made the mark.
- Lubrication may be helpful.
- Then use the 3/16" drill bit to drill the hole to 3/16".
- Repeat the process on the other side of the vehicle starting with the forward-most hole.
- Carefully blow or brush aside the swarf (metal debris) on each side to prevent scratching the paint.

2X

14 CREATE A PIVOT POINT.

Put the rear brackets in place and insert a rivet through each of the forward-most holes of the brackets and through the holes you drilled in the previous step.

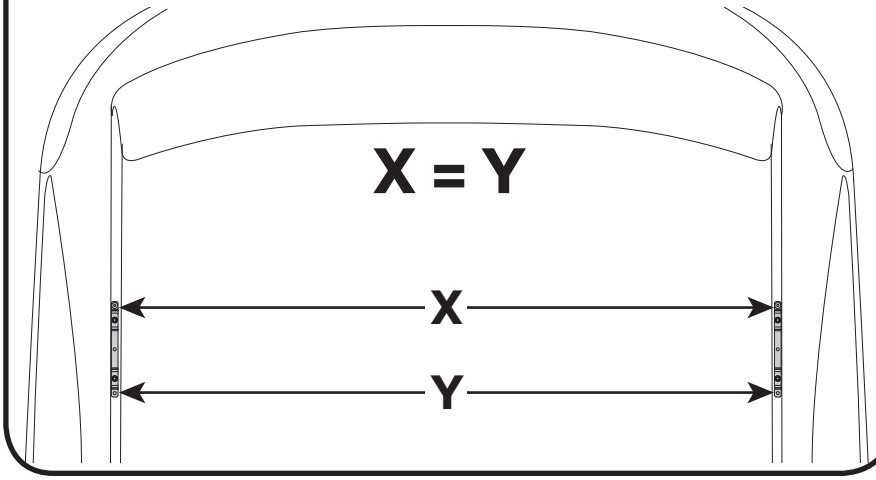
Do not flare rivets yet!



2X

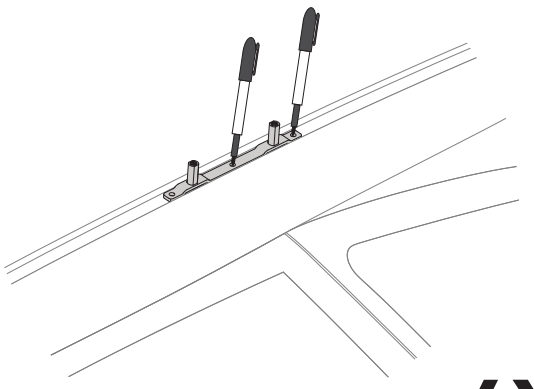
15 SET THE BRACKETS TO BE PARALLEL.

Measure the distance between the two brackets at the ends with the rivets (Y) then pivot the brackets to set the other end of the brackets to that same distance (X).



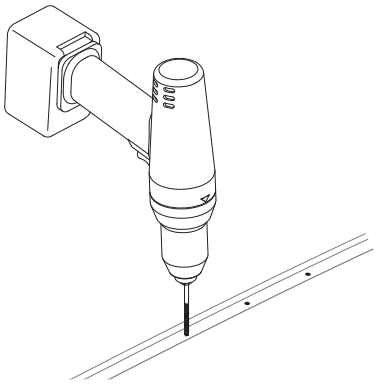
16 MARK THE REAR HOLES.

Without moving the brackets mark the center and rear holes.



4X

17 DRILL THE OTHER HOLES.

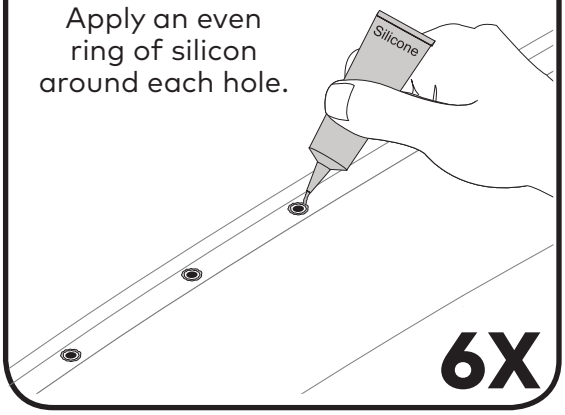


- Remove the rivet and the bracket.
- Drill pilot holes with the 1/8" drill bit where you made the marks.
- Then use the 3/16" drill bit to drill the holes to 3/16".
- Repeat the process on the other side of the vehicle.
- Carefully blow or brush aside the swarf (metal debris) on each side to prevent scratching the paint.

4X

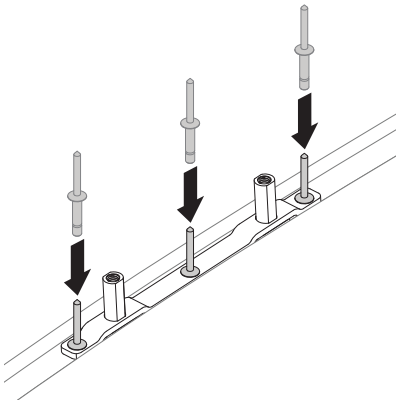
18 APPLY SILICON AROUND THE HOLES.

Apply an even ring of silicon around each hole.



6X

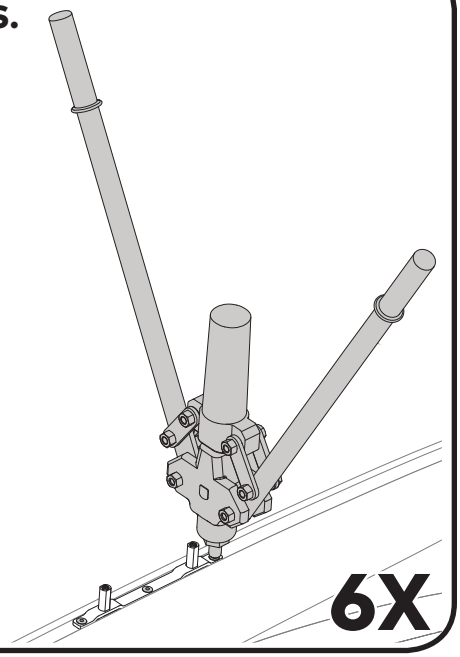
19 SET THE RIVETS IN PLACE.



6X

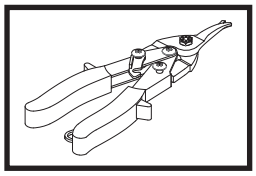
20 INSTALL THE RIVETS.

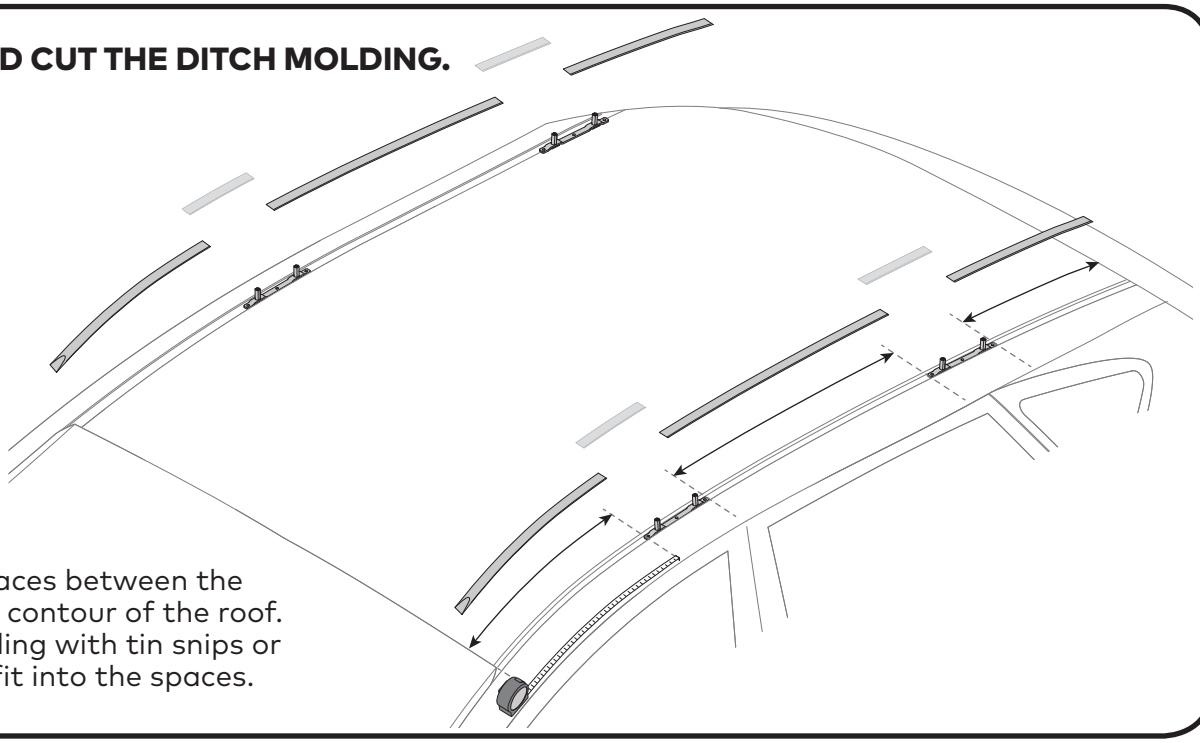
Use a rivet tool to flare the rivets. Start with the center rivet then flare the other rivets.



6X

21 MEASURE AND CUT THE DITCH MOLDING.

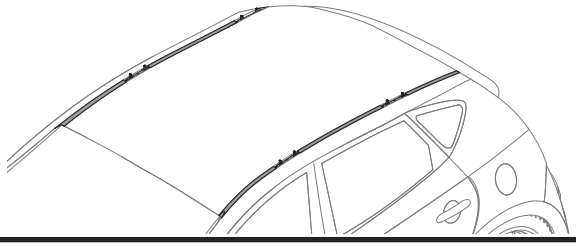




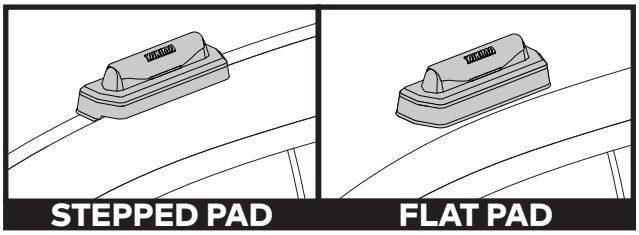
Measure the spaces between the brackets along the contour of the roof. Cut the ditch molding with tin snips or other means to fit into the spaces.

22 INSTALL THE DITCH MOLDING PIECES.

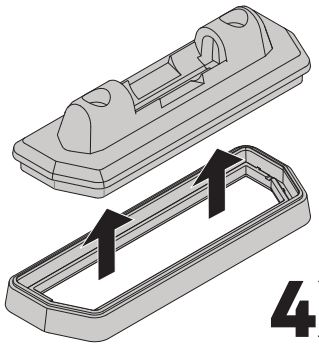
Firmly press the ditch molding into place. In some cases an adhesive may be necessary.



23 ASSEMBLE THE PAD TO THE BASE.

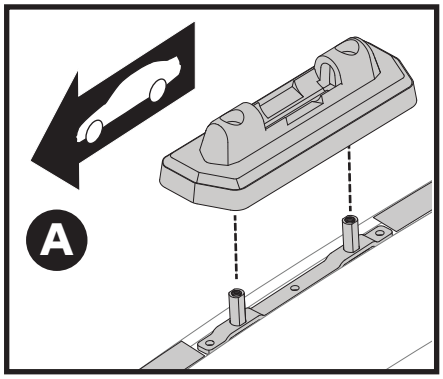


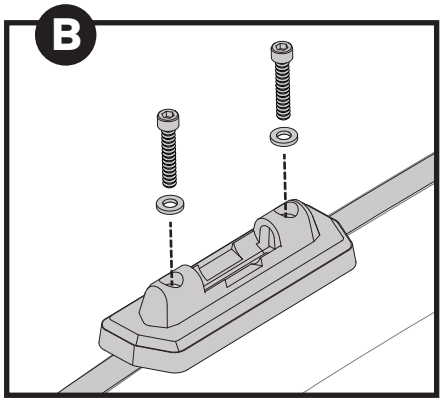
Choose the most appropriate pad based on the contour of the roof, and assemble the pads to the bases.



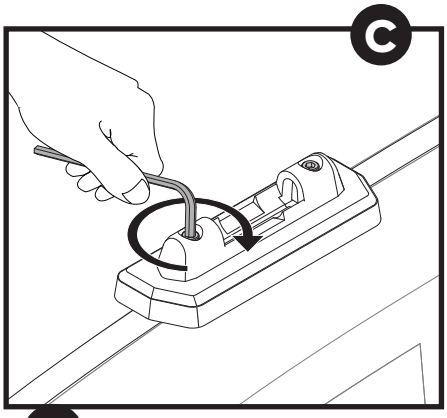
4X

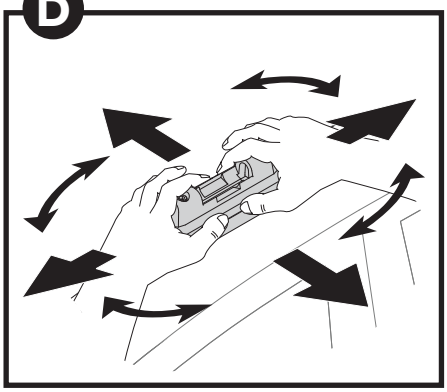
24

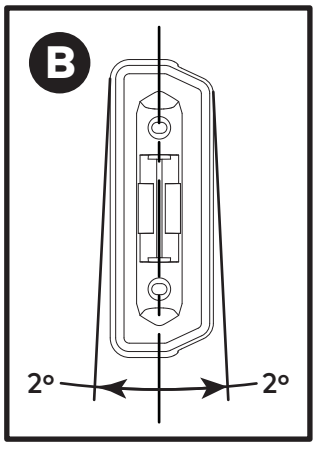




A. Place a Landing Pad over each bracket making sure the embossed arrows on the Landing Pad face outboard.
B. Select longest length of fasteners that will not bottom out. Guide the fasteners through the Landing Pad, and into the threaded mounting points on the bracket. The pad has 4° of toe adjustment to fine tune the position on curved roofs.
C. Use the 5mm hex wrench to tighten the hardware but do not tighten completely.
D. Jostle and rotate the Landing Pad in all directions to ensure it is snug, yet allows for a small amount of adjustment to prepare for final alignment and tightening in the next step.
E. Repeat for all Landing Pads.



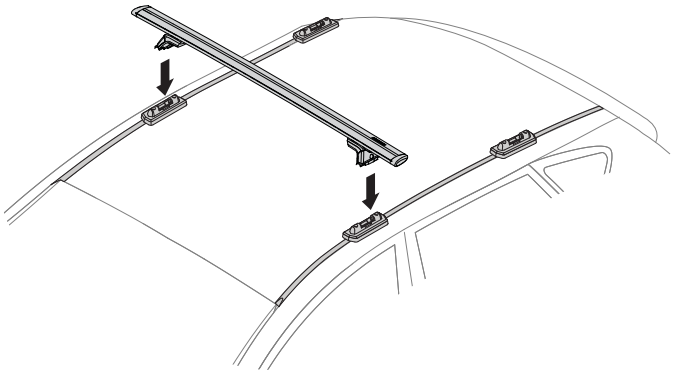


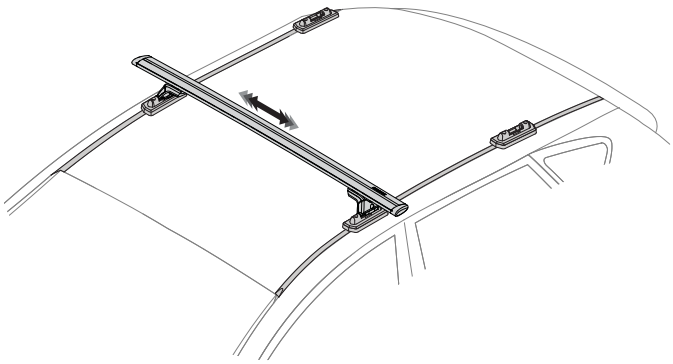


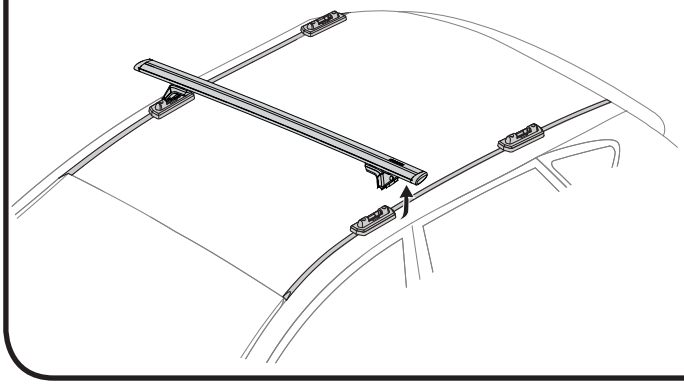
NOTE: Final tightening will happen in the next step.

4X

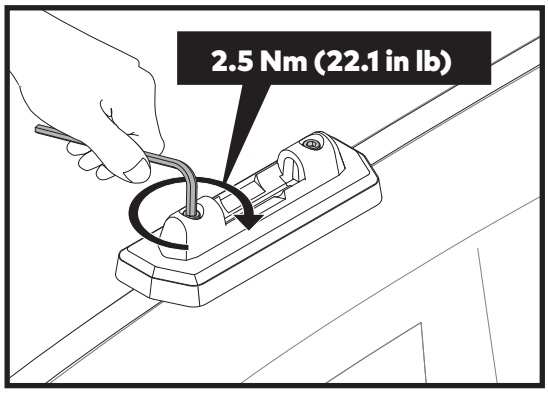
25 ADJUST LANDING PAD POSITIONS THEN TIGHTEN THEM DOWN.





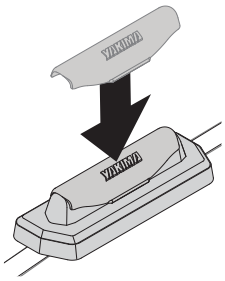


- Using your tower instructions as a reference, carefully place an assembled crossbar with towers onto the Landing Pads.
- Align position of Landing Pads to allow SkyLine or Control Towers to fully close.
- Center crossbar and fully torque your SkyLine or Control towers to the crossbars according to the tower instructions.
- Open one SkyLine or Control Tower cover and lift it up while opposite tower is still engaged.
- While holding SkyLine or Control Tower above Landing Pad, fully tighten Landing Pad with long handle of wrench as shown to 2.5 Nm.
- Repeat the process again for the other Landing Pads to ensure they have not changed position.
- Re-insert SkyLine or Control Tower into the Landing Pad, fully tighten the tower (refer to tower instructions) and close the cover.



2X

26 INSTALL COVERS WHEN RACK IS NOT ATTACHED.



Using the covers will help keep the bases free of debris.

27 READ THESE WARNINGS!

- Make sure SkyLine or Control Towers, with bars installed, seat completely with Landing Pad. If they do not seat properly, repeat step 25.
- Be sure all hardware is secured according to instructions. Failure to perform safety checks before driving away can result in property damage, personal injury, or death.
- Attachment hardware can loosen over time. Check and tighten, if necessary, before each use.
- To avoid damage to your vehicle's finish remove and clean Landing Pads and mounting points periodically as road sediment will accumulate over time.
- Landing Pad top must remain installed at all times to assist in keeping ditch molding in position.

DO NOT EXCEED MAXIMUM WEIGHT LIMIT FOR YOUR VEHICLE.

Remove your YAKIMA rack and accessories before entering automatic car washes.

IMPORTANT WARNINGS

Rack Installation
Inadequately secured loads and incorrectly mounted roof racks and accessory racks can come loose during travel and cause serious accidents! Therefore, installation, handling and use must be carried out in accordance with product and vehicle instructions.

In addition to these instructions, review the mounting instructions for the roof rack and the operating instructions of the vehicle.

These instructions should be kept together with the vehicle's operating instructions and carried in the vehicle when in use and en route.

For your own safety, you should only use roof racks that are authorized for use with your vehicle.

For roof racks that do not specify the distance between the front and rear crossbars, the distance shall be at least 700 mm or as large as possible. Please note that changes (e.g. additional drill holes) to the accessory rack's attachment system are not permissible.

Check attachment hardware and load for tight fit and function:

- Before the start of any journey.
- After driving a short distance following rack or load install.
- At regular intervals on longer journeys.
- More frequently on rough terrain.
- After interruption of a journey during which the vehicle was left unsupervised (check for damage due to outside intervention).

Rack Loading
Do not exceed the maximum load specified for the roof rack, accessory rack or the maximum load recommended by the vehicle manufacturer.
Max Roof Load = weight of roof rack + weight of accessory racks + weight of load.

Load shall be uniformly distributed with the lowest possible center of gravity.

Load should not substantially extend beyond the loading surface of the roof rack.

Vehicle Driving and Regulations
The speed driven must be suited to the load transported and to official speed limits. In the absence of any speed limits, we recommend a maximum speed of 80 mph (130 km/h).

When transporting any load, the speed of the vehicle must take into account all conditions such as the state of the road, the surface of the road, traffic conditions, wind, etc. Vehicle handling, cornering, braking and sensitivity to side winds will change with the addition of roof top loads.

If this product is off-road certified, it is designed and intended to be used on forest service roads, access roads or other non-technical terrains at moderate speeds. It is not to be used while rock-crawling, jumping, bogging, or other technical off-road terrains. When using off-road certified products with non-off-road certified products, always follow the warnings and restrictions stated in the non-off-road certified product instructions.

Maintenance
The accessory rack should be carefully cleaned and maintained, particularly during the winter months. Use only a solution of water and standard car wash liquid without any alcohol, bleach or ammonium additives.

For reasons of fuel economy and the safety of other road users, the accessory rack and roof rack should be removed when not in use.

Periodically inspect accessory rack for damage. Replace lost, damaged, or worn parts. Use only original spare parts obtained from a stocking specialist, dealer, or manufacturer.

Any changes made to the roof racks and accessory racks as well as the use of spare parts or accessories other than those supplied by the manufacturer will lead to the lapsing of the manufacturer's warranty and liability for any material damage or accidents. You should observe these instructions to the letter and only use the original parts supplied.