



LockNLoad™ RuggedLine®

to suit HOLDEN COLORADO 2012 - 2020, ISUZU D-MAX 2012 - 2020
and HSV COLORADO SPORTSCAT 2018+
HEAVY DUTY PLATFORM MOUNTING SYSTEM

MAXIMUM PRODUCT LOAD RATING: 100 kg

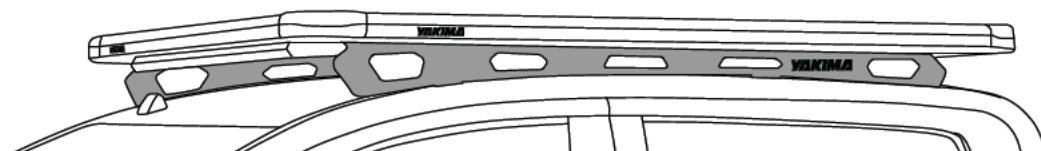
IMPORTANT:

- **LOAD = WEIGHT OF PLATFORM or BARS + MOUNTING SYSTEM + ACCESSORIES + CARGO**
- **PLEASE REFER TO VEHICLE MANUFACTURER SPECIFICATIONS FOR MAX ROOF LOAD CAPACITY OF VEHICLE. THE LOWEST LOAD RATING APPLIES.**
- **OFFROAD RATING: SCAN QR CODE FOR LOCKNLOAD LOAD RATING GUIDE. REDUCTIONS MAY APPLY.**



FIRST TIME INSTALLATION

- Please read instructions carefully before installation.
- Check the contents of kit. Each LockNLoad RuggedLine has the last four digits of the kit's part number lasered in. Contact your YAKIMA dealer if any parts appear missing, incorrect or damaged.
- Clean your roof thoroughly prior to fitting the LockNLoad RuggedLine.
- Place these instructions in the vehicle's glove box after installation is complete.



TOOLS REQUIRED:

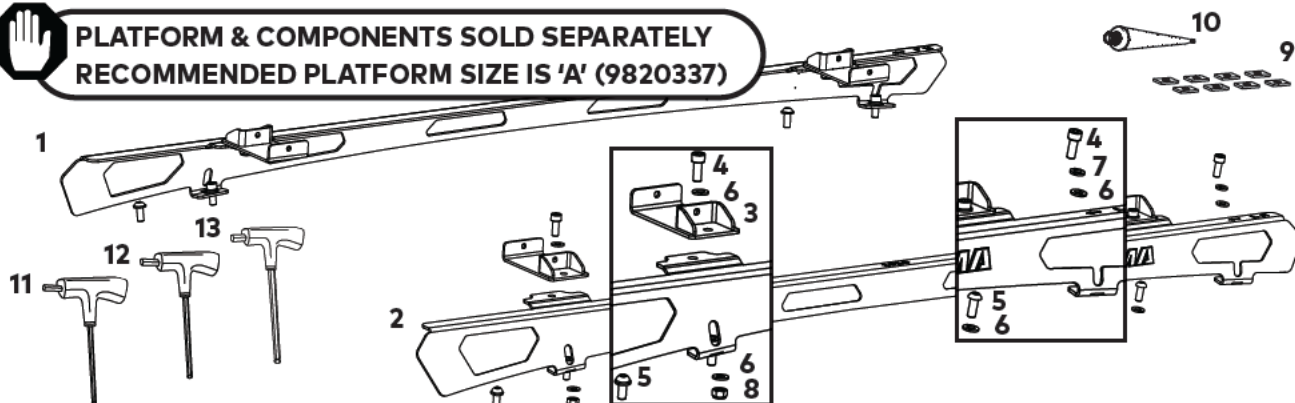
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|---|---|--|
| <ul style="list-style-type: none"> • Measuring Tape • Marking pen • Tin Snips • 13 mm Spanner | <ul style="list-style-type: none"> • Trim Removal Tools • T50 Torx Socket • Stanley Knife • Torque Wrench | D-Max SX Base Models only: <ul style="list-style-type: none"> • Power or Cordless Drill • 7 mm Drill Bit • Rotary Tool • Vacuum Cleaner • Zinc Rich Cold Galvanising |
|---|---|--|

KIT CONTENTS

ITEM	COMPONENT	QTY	ITEM	COMPONENT	QTY
1.	Colorado / D-Max RuggedLine RH 1010	x1	8.	M8 Nyloc Nut	x4
2.	Colorado / D-Max RuggedLine LH 1010	x1	9.	Foam Adhesive	x8
3.	Pivot Bracket	x4	10.	Silicone Sealant	x1
4.	M8 x 20 mm Socket Head Cap Screw	x8	11.	4 mm T-Handle Ball End Allen Key	x1
5.	M8 x 20 mm Button Head Cap Screw	x4	12.	5 mm T-Handle Ball End Allen Key	x1
6.	M8 Washer	x16	13.	6 mm T-Handle Ball End Allen Key	x1
7.	M8 Spring Washer	x4			



PLATFORM & COMPONENTS SOLD SEPARATELY
RECOMMENDED PLATFORM SIZE IS 'A' (9820337)



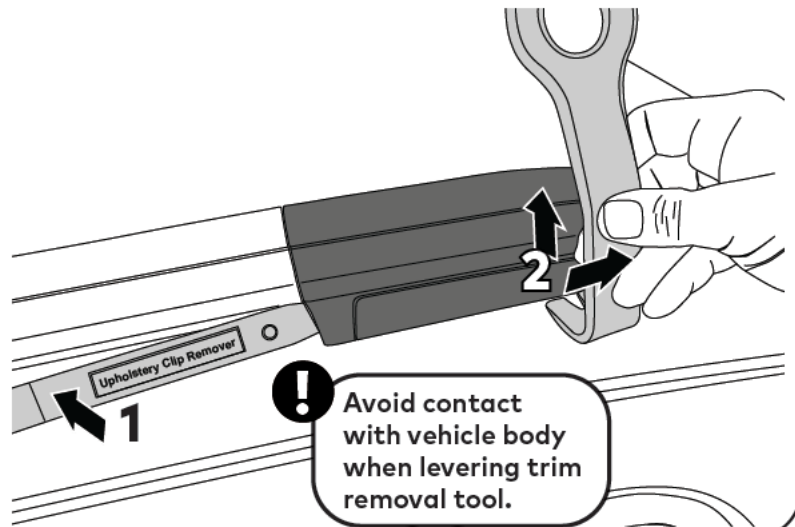
REMOVING FACTORY ROOF RAILS

HOLDEN COLORADO Z71, HSV SPORTSCAT AND ISUZU D-MAX LS-T

1 UNCLIP PLASTIC RAIL COVERS.

Using an appropriate trim removal tool as pictured, release the plastic rail end covers by carefully levering out the inside rail cover (1) to release the internal clips, then using another trim removal tool, position under cover to lift it up and across (2).

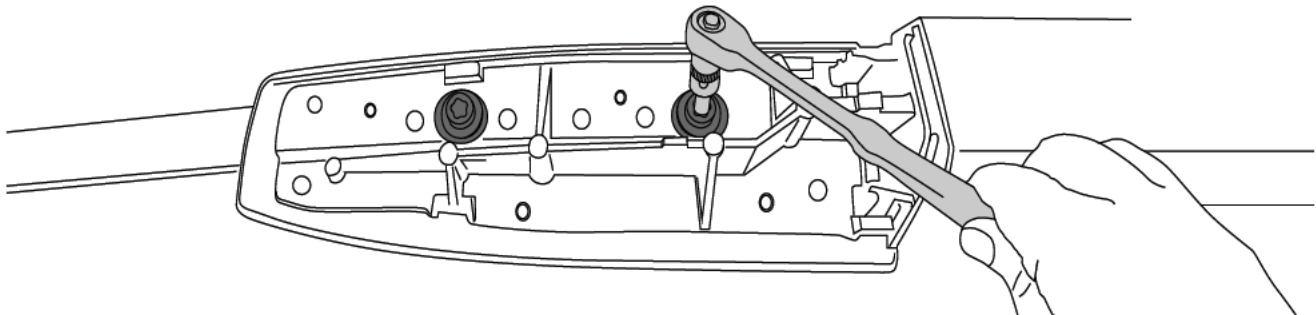
Avoid levering against the body work.



2 REMOVE COVER HARDWARE.

Remove exposed hardware (x2 bolts at each rail end) using a T50 torx socket and wrench. Complete steps 1-2 for front and rear covers and repeat on opposite side of vehicle.

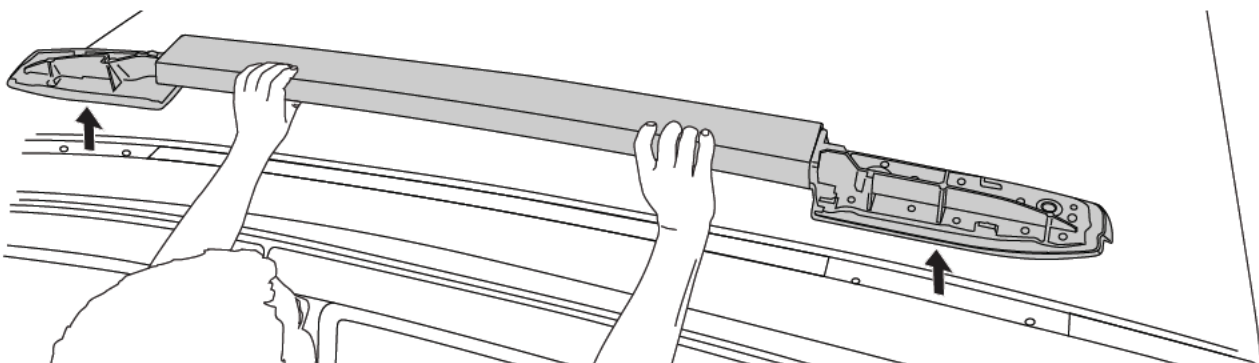
Store removed hardware away in a safe place.



3 REMOVE RAILS.

Lift roof rails upwards and carefully remove from the roof, avoiding contact with the vehicle body.

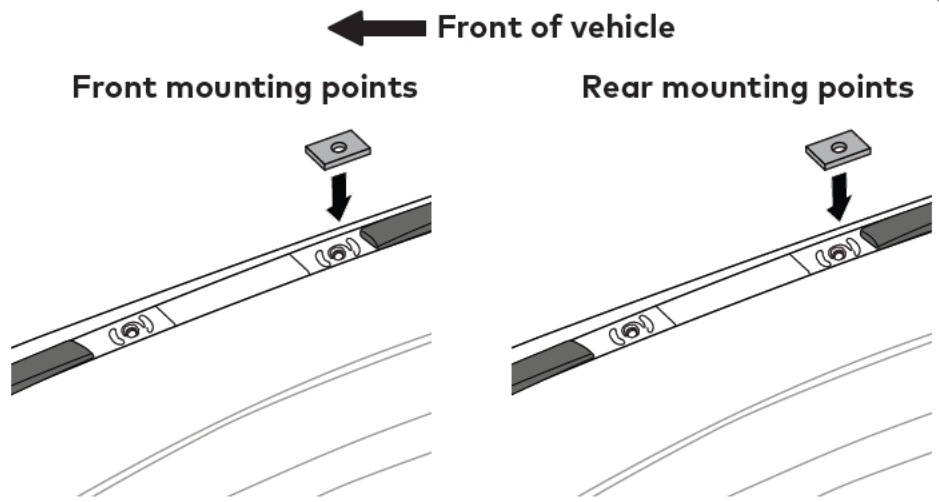
Store removed rails away in a safe place.



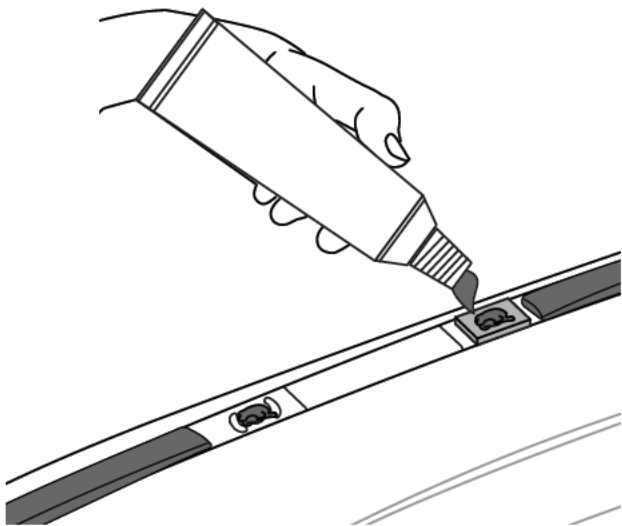
4**AFFIX FOAM ADHESIVE.**

Apply foam adhesive over the rear most holes at each of the four mounting points.

Apply with adhesive side to vehicle.

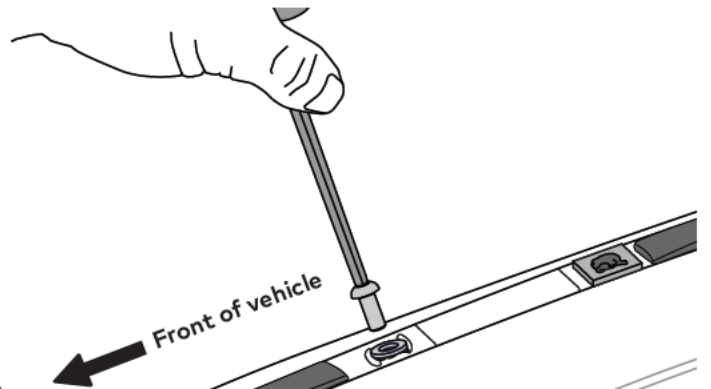
**5****APPLY SILICONE SEALANT.**

Liberal apply the supplied silicone sealant to the inside surface and on top of all holes **on one side of vehicle.**

**6****FILL IN FRONT MOST HOLES.**

Assemble x1 M8 button head cap screw and x1 M8 washer as shown and secure into all four front most mounting point holes (without foam adhesive) using the provided 5 mm T-handle ball end allen key.

Tighten to 5 Nm.

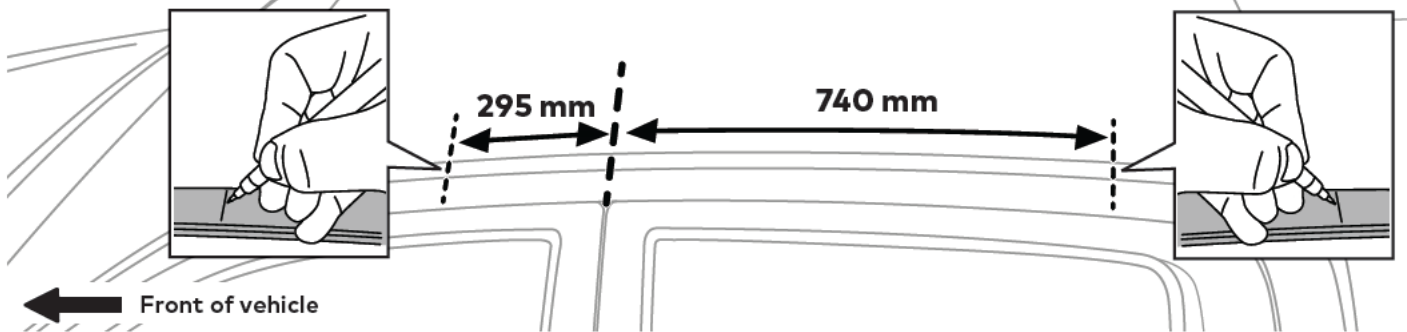
**!**

PROCEED TO PAGE 7 AND CONTINUE FROM 'MOUNTING RUGGEDLINE'

REVEAL MOUNTING POINTS (BARE ROOF MODELS)

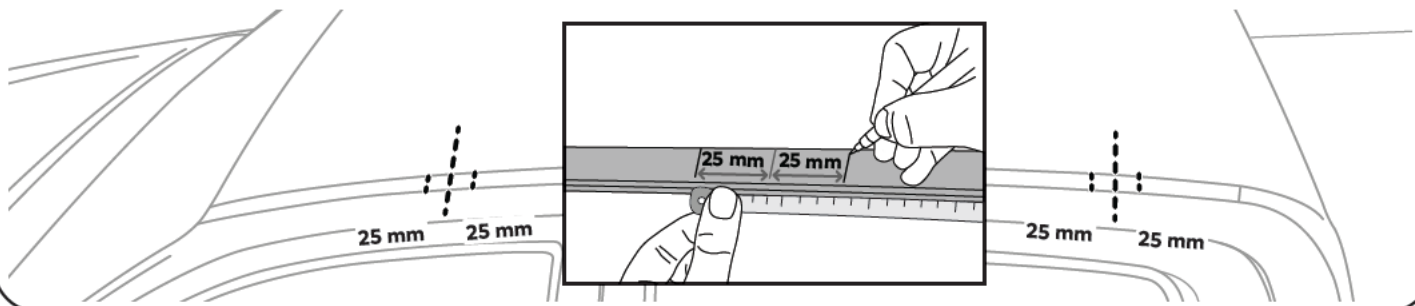
1a MEASURE AND MARK ROOF TRIM.

Using a measuring tape, measure 295 mm forward and 740 mm back from between the door jamb. Mark each measurement on trim with a pen as shown.



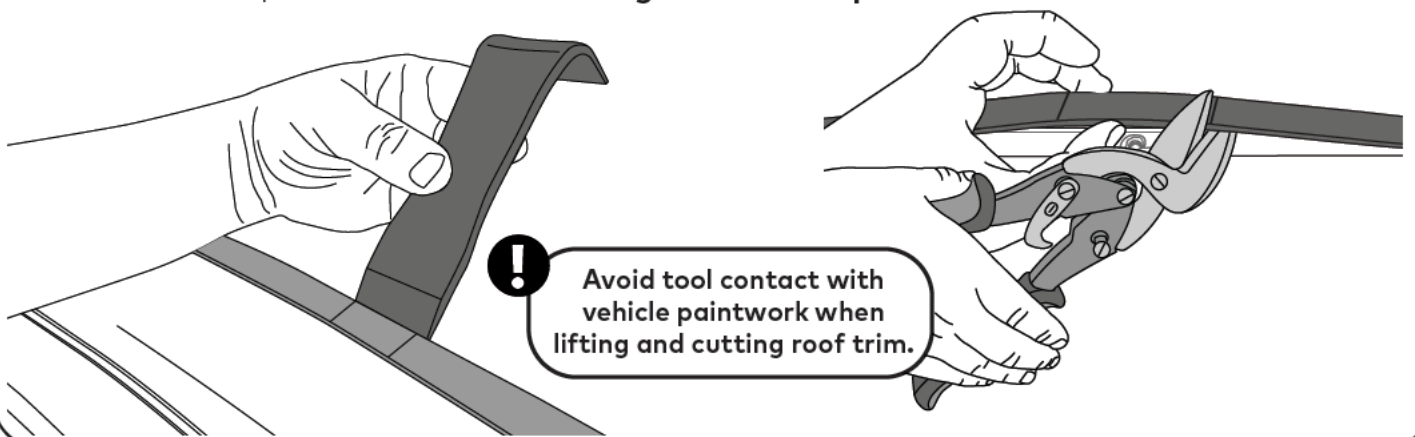
1b MEASURE AND MARK ROOF TRIM.

Measure 25 mm either side of each marked position on the roof trim as shown. Mark measurements on the roof trim with a pen as shown.



2 CUT ROOF TRIM.

Using an appropriate trim removal tool as pictured, carefully lift up the roof trim, and using your fingers to hold the trim secure, cut the trim at the measured sections from step 1b using a pair of tin snips. **Avoid tool contact against vehicle paintwork.**

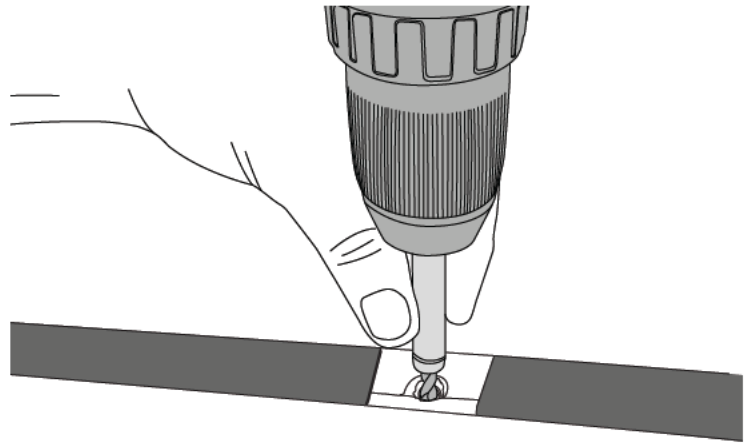


PROCEED TO PAGE 6 AND CONTINUE FROM STEP 3

REVEAL MOUNTING POINTS CONT. - ISUZU D-MAX SX BASE MODEL ONLY

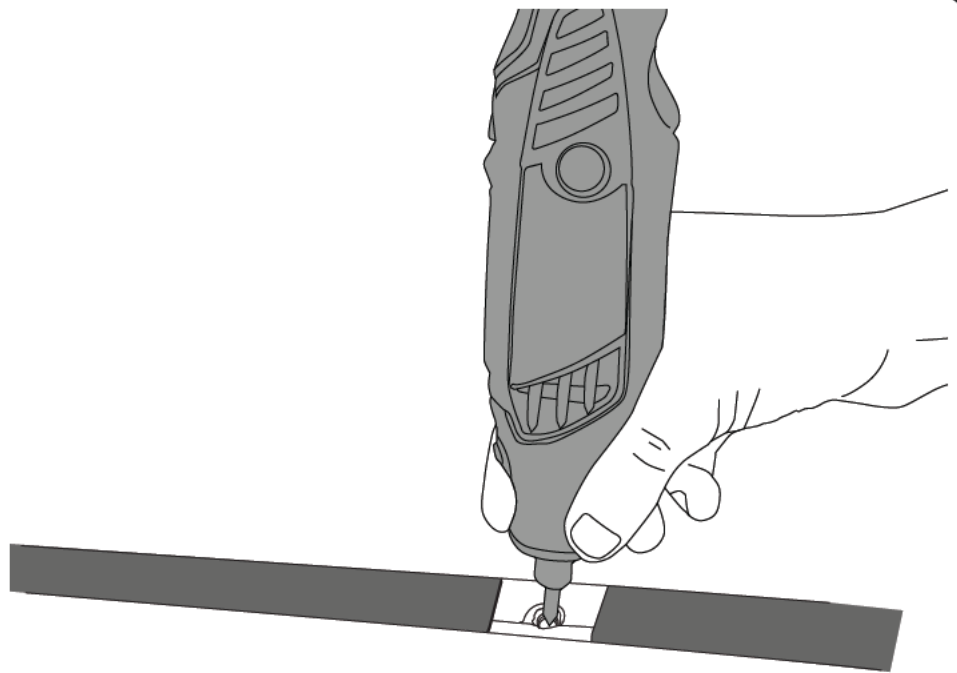
A DRILL TO REVEAL MOUNTING POINTS.

The mounting points on the D-Max SX base models are covered by a metal roof skin that needs to be drilled using a 7 mm drill bit (not supplied).



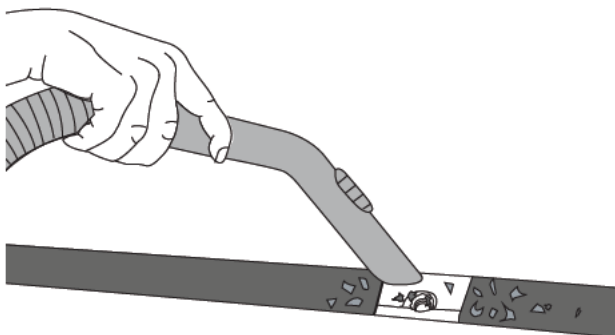
B DIE GRIND HOLES.

Die grind the opened out holes from the previous step using a rotary tool. This will expose the mounting points below.



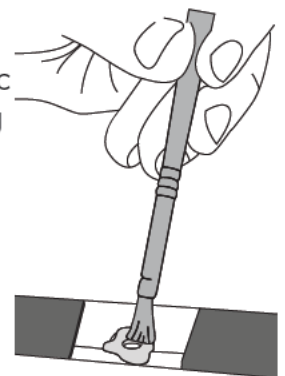
C REMOVE SWARF.

Avoid pushing swarf into the newly drilled holes by removing swarf from roof channel with a vacuum cleaner.



D APPLY GALVANISING SOLUTION.

Liberal apply a zinc rich cold galvanising solution to the inside surface and surrounds of each hole. Allow solution to become touch dry (approx. 10 min depending on product used).

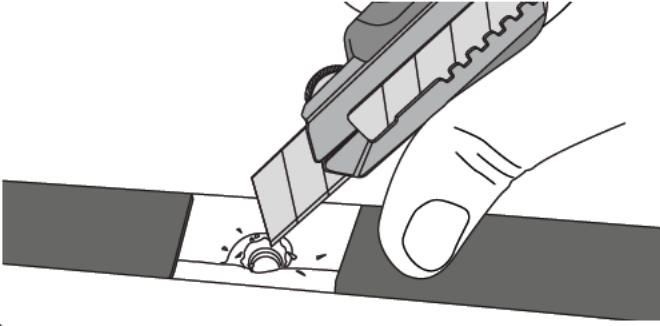


Apply liberally in and around holes

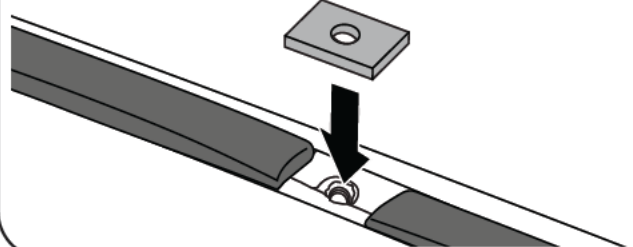
! PROCEED TO PAGE 6 AND CONTINUE FROM STEP **4**

3**SCRAPE AWAY SEALS.**

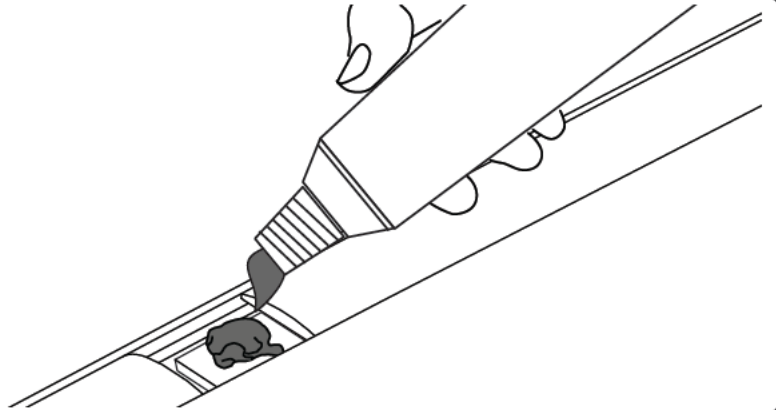
Using a utility knife, carefully scrape away the paint seals to expose mounting holes.

**4****AFFIX FOAM ADHESIVE.**

Carefully apply foam adhesive over all the exposed holes in roof channel, lining up holes in foam with the holes in roof channel. Apply with adhesive side to vehicle.

**5****APPLY SILICONE SEALANT.**

Liberaly apply the supplied silicone sealant to the inside surface and on top of each hole **on one side of vehicle.**

**!**

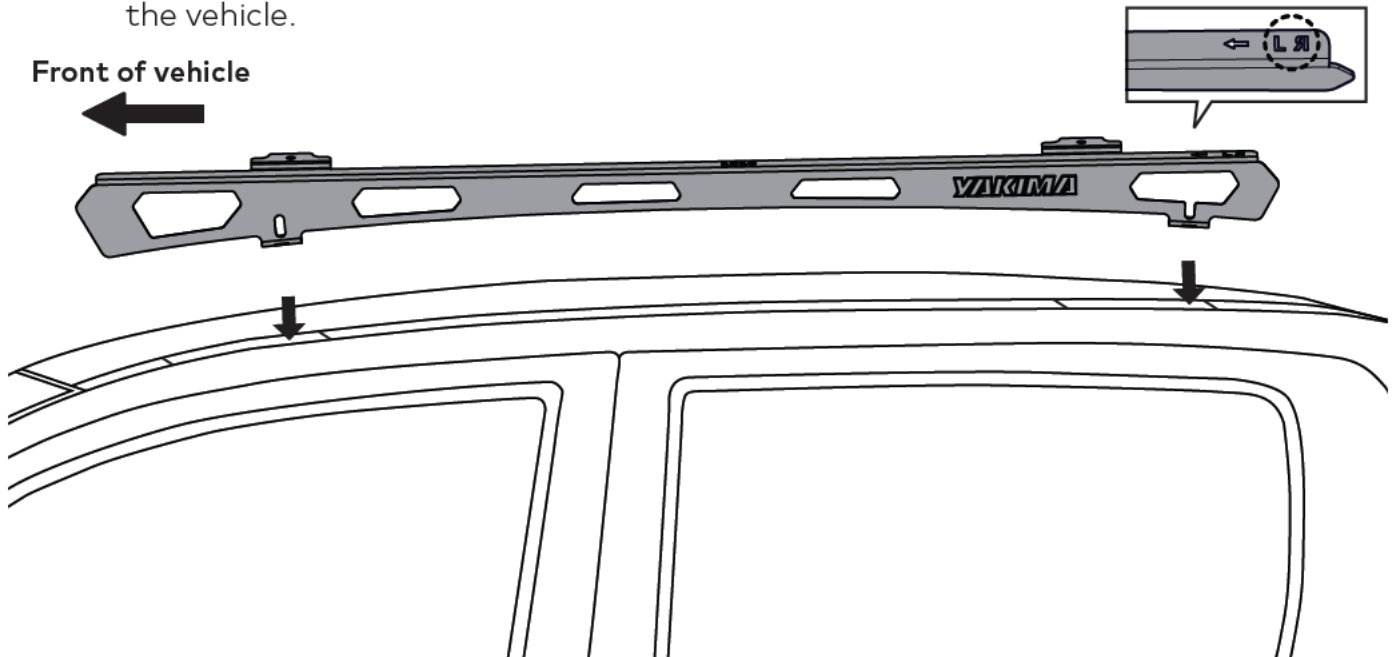
**PROCEED TO PAGE 7 AND CONTINUE FROM
'MOUNTING RUGGEDLINE'**

MOUNTING RUGGEDLINE

1

POSITION RUGGEDLINE ON VEHICLE ROOF.

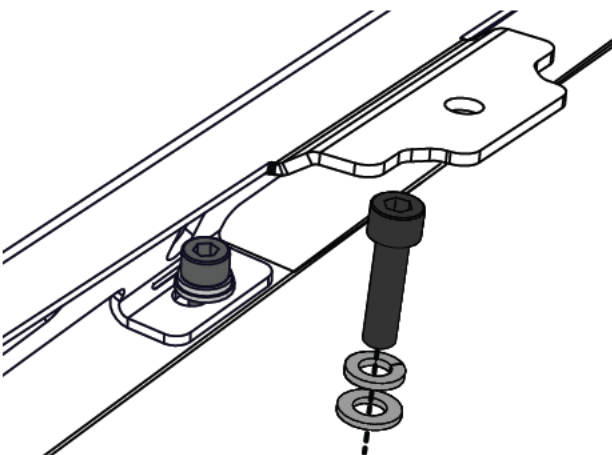
Referring to the left-right orientation on top of each RuggedLine, carefully place one side of the RuggedLine onto vehicle roof as shown. Line up the mounting holes on the bottom tabs to those exposed on the roof. The tabs are to face in towards the vehicle.



2

ASSEMBLE RUGGEDLINE HARDWARE.

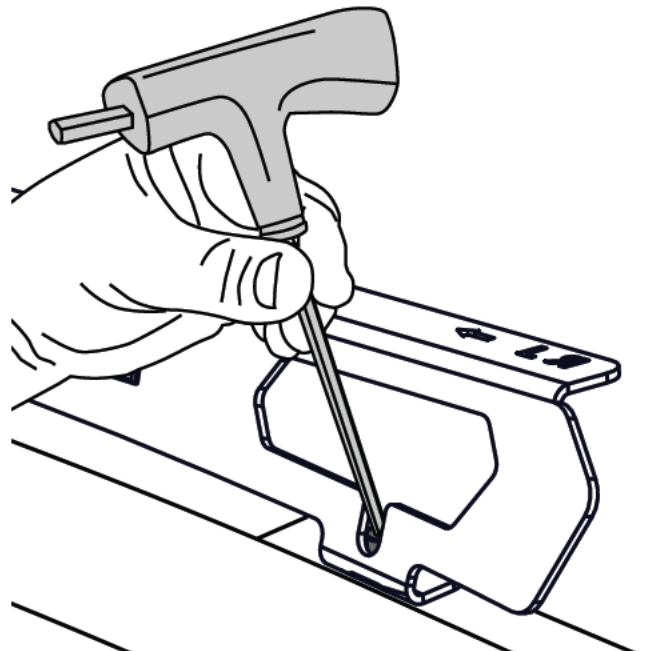
Assemble the M8 x 20 mm socket head cap screw, M8 spring washer and washer as shown and place into mounting holes on bottom tabs of RuggedLine. Ensure hardware and holes align with the holes on roof.



3

TIGHTEN RUGGEDLINE HARDWARE.

Using the 6 mm T-handle ball end allen key, and avoiding damage to the powder coat, start to carefully secure the RuggedLine by tightening the M8 socket head cap screws to 7 Nm into the mounting holes in roof.



4

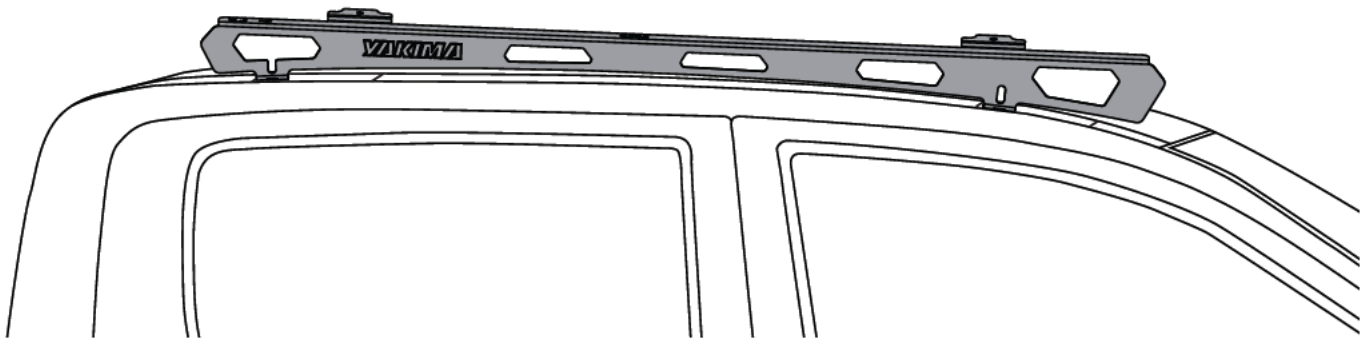
REPEAT STEPS TO OPPOSITE SIDE.

For bare roof models, repeat steps 1a-5 on pages 4 & 6 for securing opposite side RuggedLine.

For the D-Max SX base model, repeat steps 1a-D on pages 4 & 5 and steps 4-5 on page 6 for securing opposite side RuggedLine.

For models with rails removed, repeat steps 4-5 on page 6 for securing opposite side RuggedLine.

Ensure both RuggedLine are securely positioned on vehicle roof. Check each screw is secure before proceeding to install LockNLoad platform to your RuggedLine.



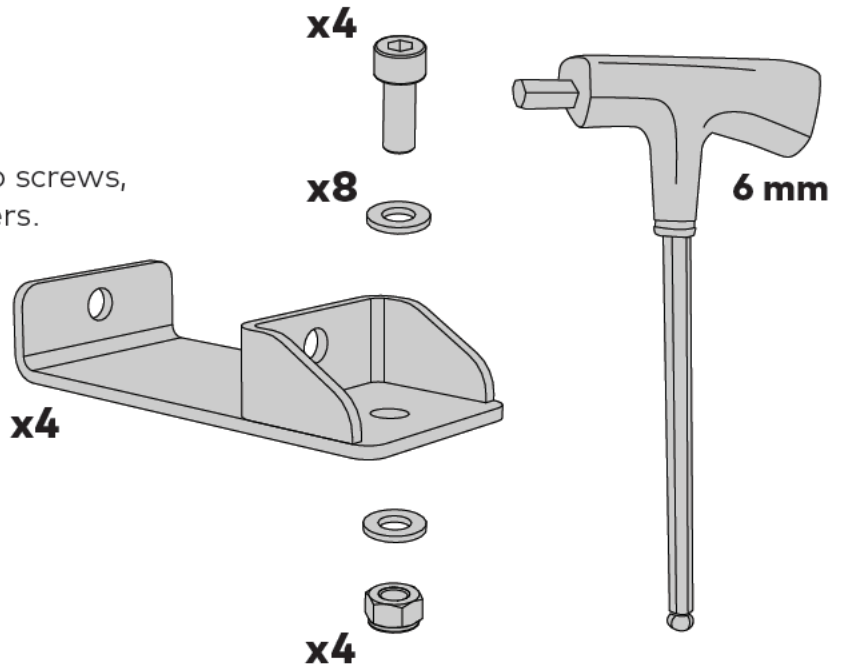
5

PIVOT BRACKET ASSEMBLIES.

Retain the 6 mm T-handle ball end allen key and not yet installed pivot brackets, M8 x 20 mm socket head cap screws, M8 nyloc nuts and M8 washers.



These components will be required for mounting your LockNLoad platform to your newly installed RuggedLine.



NOW SWITCH TO YOUR LOCKNLOAD PLATFORM INSTRUCTIONS AND CONTINUE FROM THE 'RUGGEDLINE MOUNTING INSTRUCTIONS' PAGE.

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