



FITTING INSTRUCTIONS
TOYOTA HILUX 8TH GEN 2015 ON
TITAN LOW MOUNT ANCHOR POINT
PART NUMBER: **LAPEX013-2**



ISSUE: C
ISSUE RELEASE DATE: 06/03/2020

2. KIT CONTENTS

END SUPPORT (MSE017- 2 pack)	UNDER-COVER STRIP	M8 DROP-&TURN BOLT (22-0924)	FLAT WASHER (22-0186)	M8 SPRING WASHER (22-0162)
M8 HEX NUT (22-0139)	M8 T BOLT (22-0961)	SECURITY BOLT (22-0354)	M6 NYLON NUT (22-0460)	TT27 ALLEN KEY (22-0811)
M6 STAR WASHER (22-0951)	M8 FLAT WASHER (22-0195)	PLASTIC ADAPTOR BLOCK (27-0717)		ADAPTOR BLOCK GASKET (22-0718)
LOW MOUNT WITH END CAPS (25-0310) <i>Each Low Mount contains two end caps</i>		INTERLOCKING BLOCK (19-0061)		M6 ANCHOR BOLT (22-0938)

Prior to assembly, check that your roof rack kit contains all the parts as listed above.

Ensure the vehicle roof is clean and dry.

3. TOOLS AND MATERIALS REQUIRED

10mm Socket & Wrench	Butyl Mastic Silicone	Drill With 6mm & 11mm Bit Use to drill hole through the weather strip.		
Flat Head Screwdriver	Rubber Mallet	Cleaning/protective Cloth - Use to wipe down vehicle, and use to protect vehicle paint.		
Cutting Knife - Use to open Kits, and trim Buffer Strip to size.	Measuring Rule - Use to check dimensions and distances of cross-bars.	Marking Pencil - Use to mark buffer strip.	13mm Spanner - Use to assemble Cross Bars.	

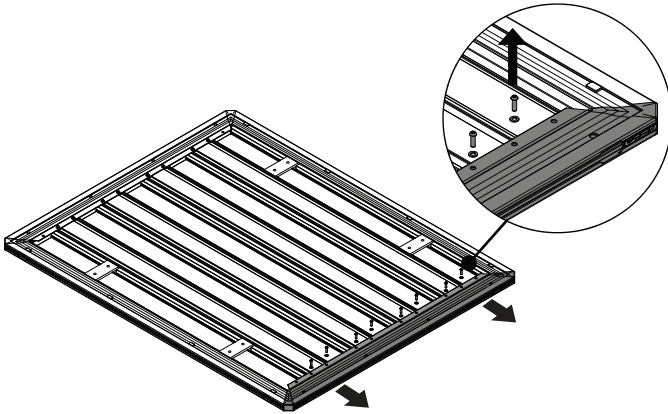
4. INSTALLATION STEPS

STEP 1

Note: Refer to Titan Tray instructions for tray assembly.

Skip to Step 4 on the following page if you have already inserted the interlocking blocks.

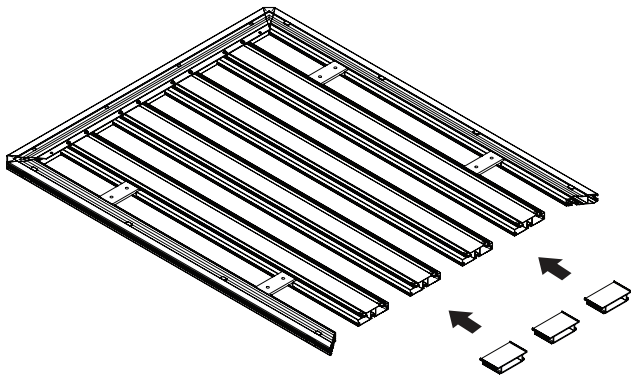
Place tray upside down.
Remove fasteners on one side and remove the end plank.



STEP 2

For TFT1212, TFT1512 & TFT1812:
Insert the three interlocking blocks between the four centre planks.

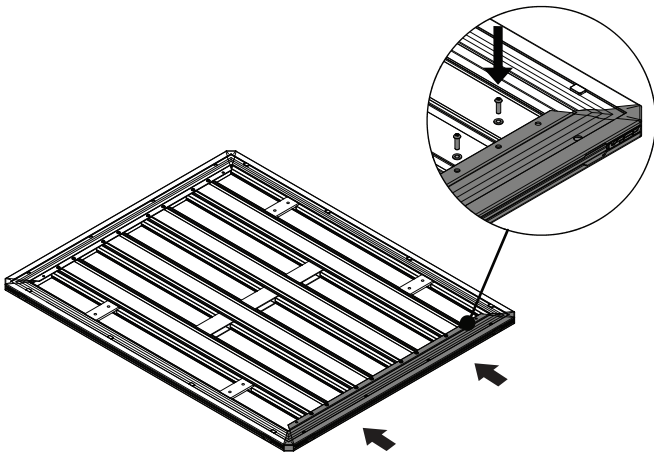
For TFT2014:
Insert the four interlocking blocks between the five centre planks.

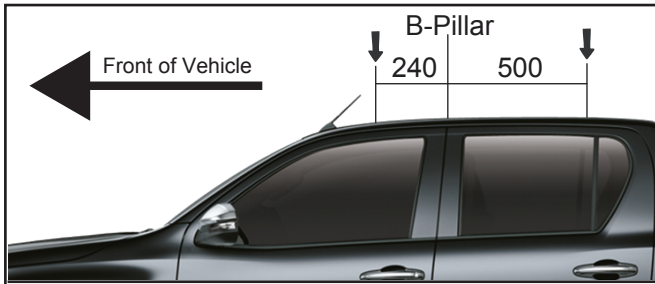


STEP 3

Re-install the end plank and fasteners.

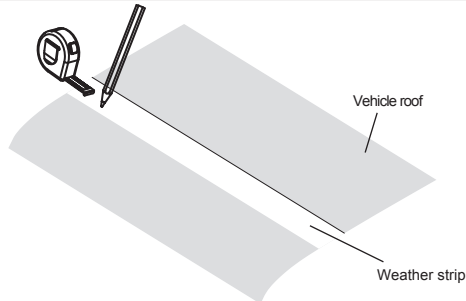
Tighten fasteners securely.





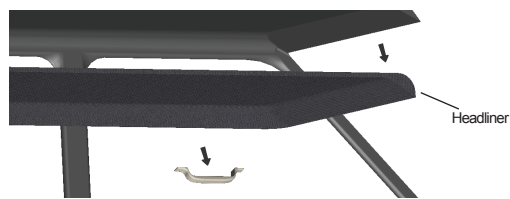
STEP 4

Locations for anchor points on the vehicle roof are indicated by the distances, measured from the middle of the “B” Pillar.



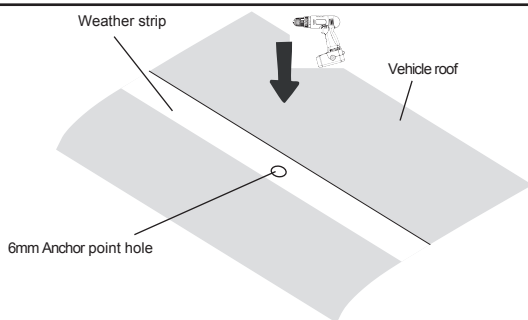
STEP 5

Measure the distances forward and rearward of the B-pillar centre for both sides of the vehicle. Mark the measured location on the weather strip.



STEP 6

Remove the door seal trim, interior grab handles and pillar trim (if applicable) to lower the headliner to enable access to the base of the anchor bolt with the socket wrench. Exercise care not to damage the headliner.
TIP: Use disposable gloves to ensure hands do not mark interior trim.

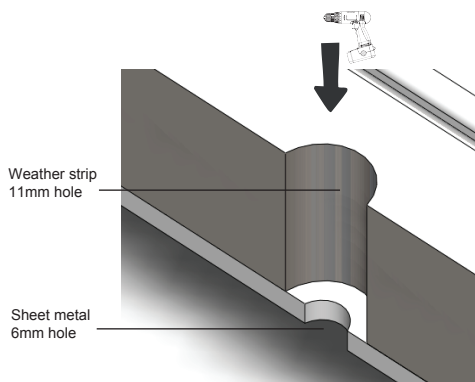


STEP 7

Drill a 6mm diameter hole through the weather strip and roof sheet metal at the anchor point location.

⚠ Be careful to avoid damaging any curtain airbags.

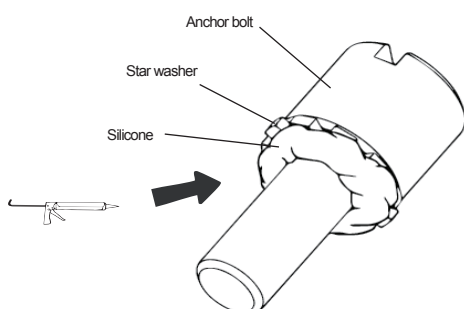
TIPS: Use a roof protector to ensure the roof is not damaged and a drill stop to ensure airbags are not damaged.



STEP 8

Drill an 11mm diameter hole through the **weather strip only** at the anchor point location. Take care **NOT** to drill through the sheet metal.

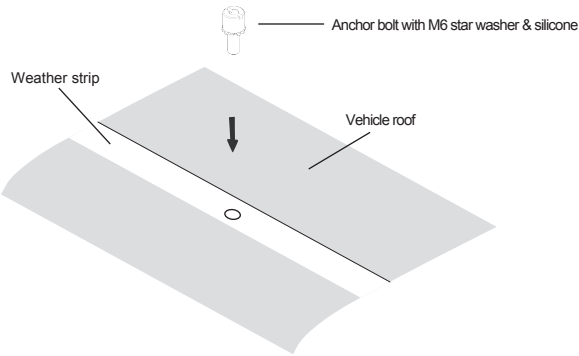
TIP: Use a roof protector and drill stop to ensure the roof is not damaged.



STEP 9

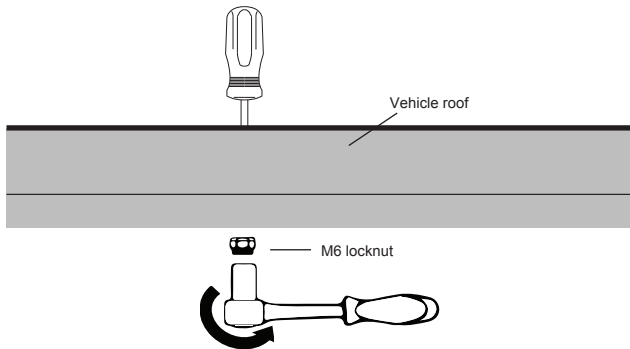
Thread anchor bolt through star washer and apply Butyl Mastic Silicone to the base of the star washer to create a water tight seal.

NOTE: Fully install one anchor bolt at a time to ensure silicone cures properly to create a watertight seal.



STEP 10

Insert the anchor bolt with M6 star washer and silicone into the anchor point hole.



STEP 11

Hold the anchor bolt in place with a wide flathead screwdriver and secure with nylock nut using a 10mm socket wrench.

STEP 12

Repeat steps 7 to 11 for all anchor points.



STEP 13

Re-attach the headliner, handles and interior trim.

TIP: Use disposable gloves to ensure hands do not mark interior trim.

STEP 14:

Locate the Rubber Gasket over the Anchor Point.

⚠ Ensure the Rubber Gasket is oriented correctly.

⚠ Each Rubber Gasket is marked with a directional arrow

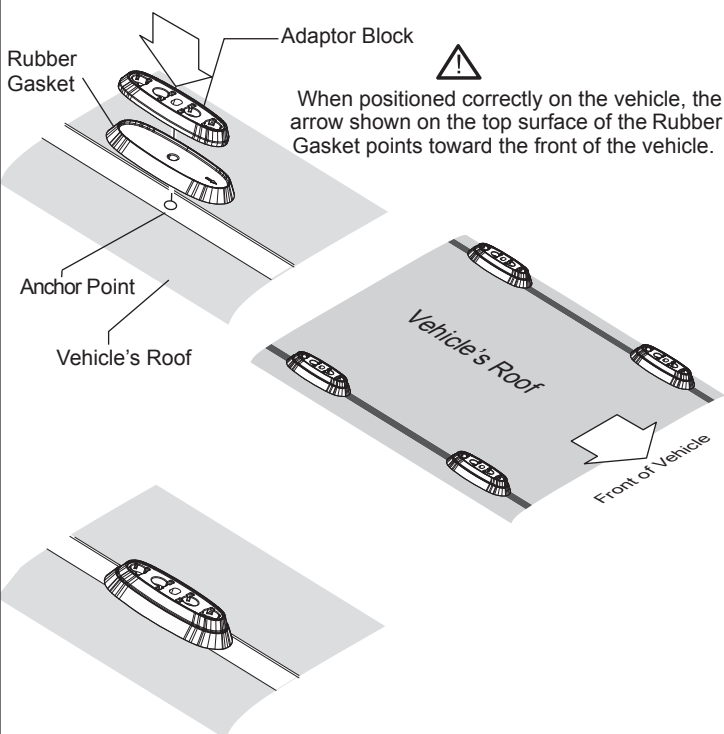
⚠ Ensure that the center hole in the gasket lines up with the anchor point thread in the roof.

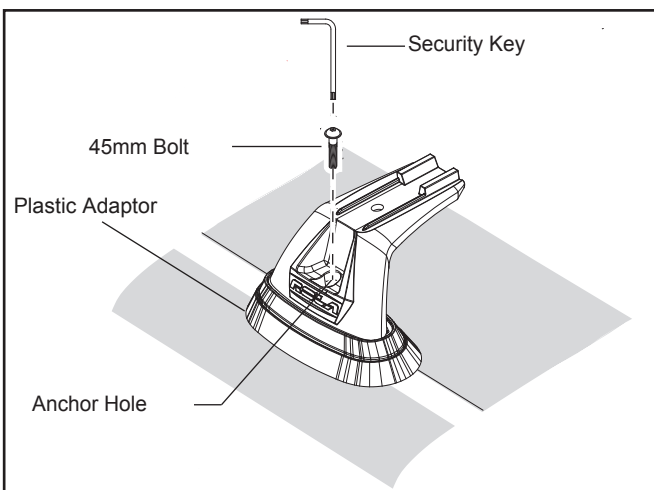
Locate the Adaptor Block onto the Rubber Gasket

⚠ Ensure the Adaptor Block is oriented correctly.

⚠ Ensure that the center hole in the Adaptor Block lines up with the anchor point thread in the roof.

Repeat for the remaining adaptors.



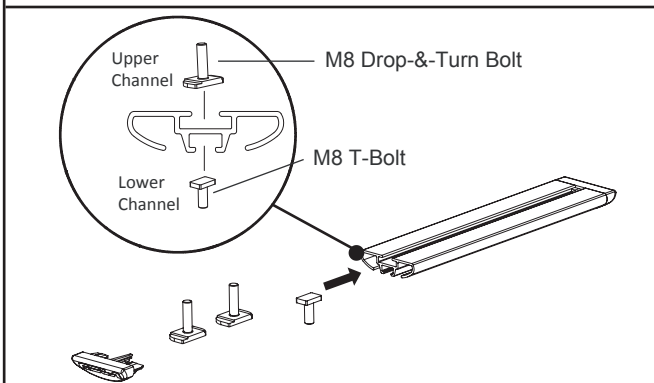
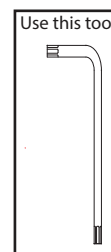


STEP 15

Place an end support onto the plastic adaptor and loosely secure it down with a 45mm security bolt by inserting the bolt into the anchor point, and turning approximately 2-3 turns with the security key.

Tip: Leave loose until last step to allow final adjustment.

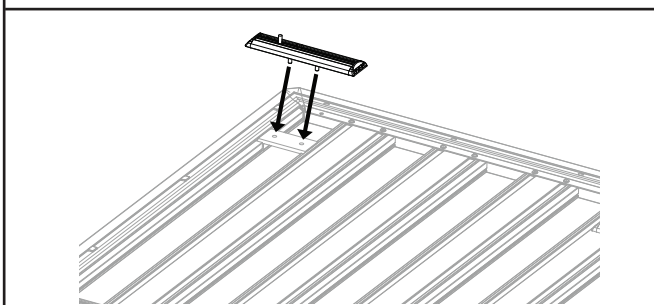
Repeat for all locations.



STEP 16

Remove the end cap from one side of the Low Mounts and insert fasteners:
 2 x M8 Drop-&-Turn bolt
 1 x M8 T bolt

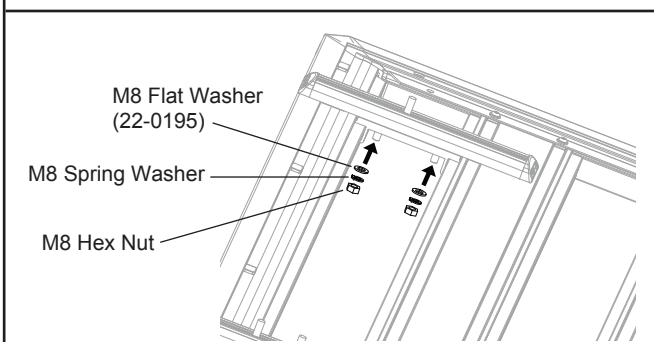
Note: Use Drop-&-Turn bolts supplied with Titan Tray in addition to those supplied with this kit.



STEP 17

Position Low Mounts so the M8 Drop-&-Turn bolts are inserted into the tray mounting blocks.

Tip: Work with tray upside down.

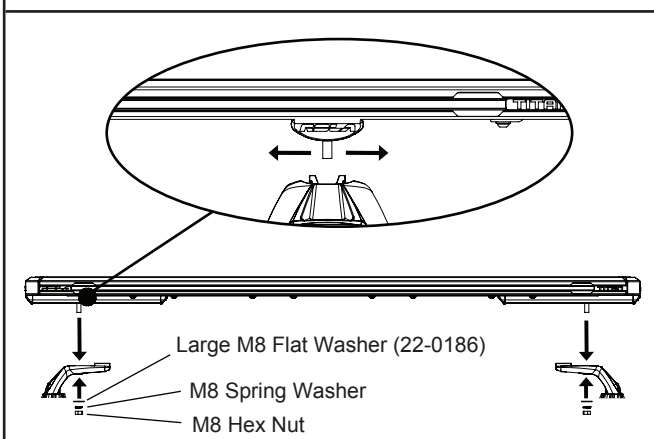


STEP 18

Thread fasteners on drop-&-turn bolts for all locations.

Tip: Leave loose until last step to allow final adjustment.

Note: Use M8 spring washer, flat washer and hex nut supplied with Titan Tray in addition to those supplied with this kit.



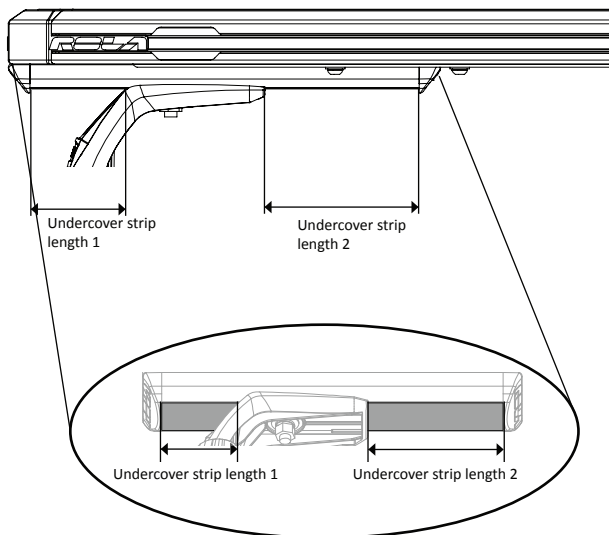
STEP 19

Lift tray above vehicle and slide Low Mounts and Mounting Blocks to line up with end supports.

Lower Titan Tray on to the end supports and ensure tray is centred in the desired location.

Thread the fasteners in place.

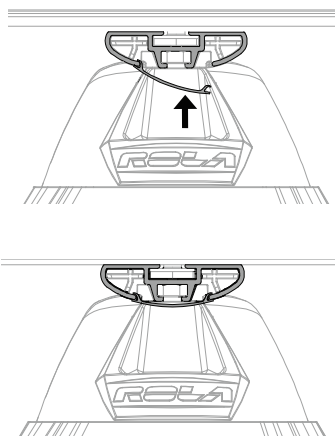
Tip: Leave loose until last step to allow final adjustment.



STEP 20

Measure and cut the undercover strip to suit all locations.

Tip: Front and rear lengths may differ in size.



STEP 21

Insert the undercover strip lengths into each Low Mount.



STEP 22

Tighten all fasteners securely.

Your fitment is complete.

USAGE INSTRUCTIONS

It is essential for the proper assembly, operation and use of the Roof-rack that the instructions and safety precautions supplied are strictly observed. The Maximum permissible load for your Roof Bar is the lower of the maximum load capacity specified in your vehicle operation manual, or specified as applying to the Roof-rack. Do not exceed the maximum specified Load capacity.

Maximum Permissible Load = Weight of the Roof-rack + Weight of Accessories + Weight of Load(Cargo).

When fitting the Roof-rack and transporting a load, ensure the vehicle's functions are not impaired (eg. sunroof, aerials, windscreen wipers, mirrors).

Hatch and wagon vehicles should be inspected for adequate clearance for full opening operation of the boot/tailgate.

Stop and check all screw connections, bolts and retaining straps after a short distance of travel. Repeat these checks at regular intervals.

WARNINGS

Remember that the fitting of a Roof-rack and the transport of a load increases the overall height of the carrying vehicle.

Where the roof-rack is to be used in off-road conditions, a safety weight reduction of 1.5 should be observed from the total carrying capacity (eg. 60kg becomes 40kg).

Cequent will not be liable to the purchaser or any other person for any consequential, direct or indirect loss, damage or costs incurred or suffered by the purchaser or any other person including but not limited to damage to persons or property, loss of turnover, loss of profits, loss of business or goodwill arising from or in relation to the assembly and use of the Roof-rack, or the non-observance of the fitting and care instructions.