RHINO-RACK

## Toyota 79 Series Dual Cab Backbone - RTLB4

Important:

1. Check the Rhino-Rack website to ensure you have the latest issue of these instructions.
2. Please refer to your fitting instruction to ensure that the roof racks are installed in the correct locations.
3. Check the contents of kit before commencing fitment and report any discrepancies.
4. Place these instructions in the vehicle's glove box after installation is complete.
5. These instructions must be followed for warranty to be upheld.

Fit Time: 30 min
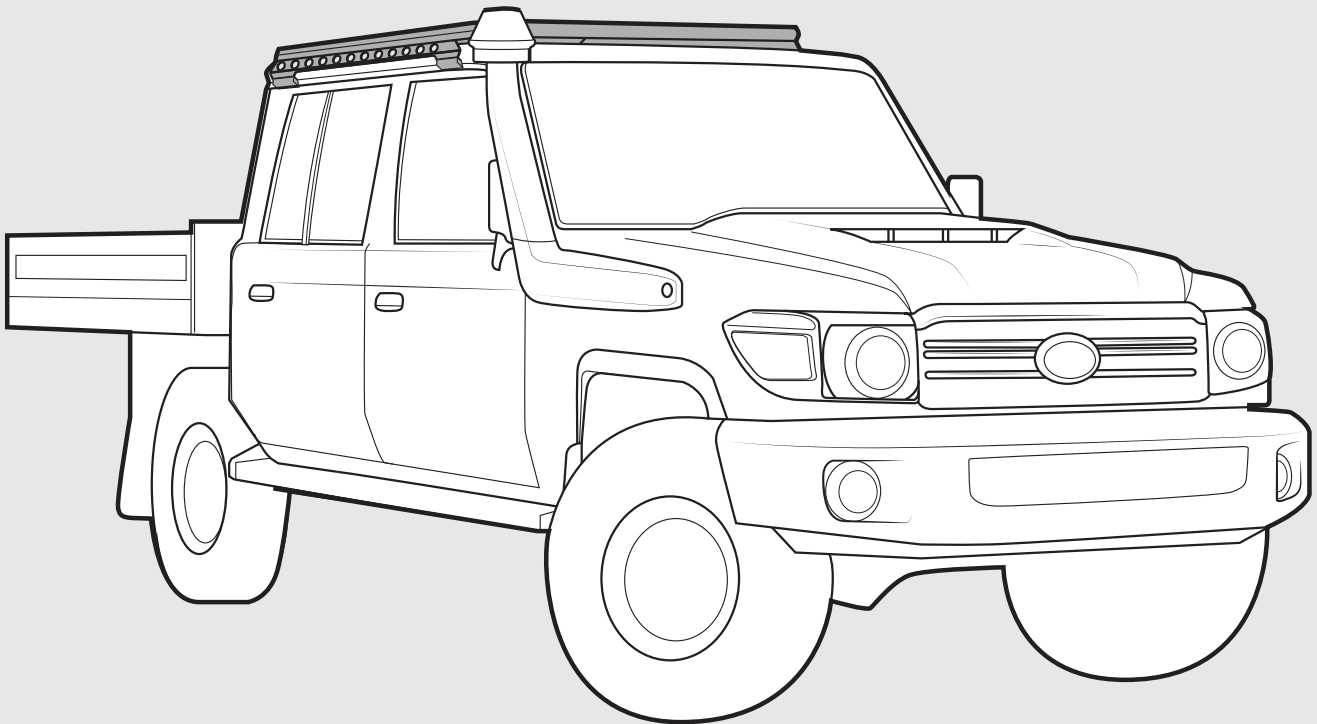
Instructions

Carrying Capacity

Max system load capacity
Check your vehicle owners hand book for vehicle maximum carrying capacity. Please ensure you use the vehicle manufacturers maximum roof allowance if it is lower than the figure listed in this instruction.
Load must be evenly distributed over the system.

ON ROAD CARGO ALLOWANCE (R)	OFF ROAD CARGO ALLOWANCE (OR)	VEHICLE ROOF LOAD LIMIT (VLL)	SYSTEM WEIGHT (SW)
(VLL) - (SW) = xxkg/ xxlbs	(R)/1.5 = (OR)	XXkg / XXlb (CHECK VEHICLE OWNERS HANDBOOK FOR SPECIFIC FIGURE).	7.8kg/17lbs + platform weight

Off Road: Any driven path taken that does not contain a surface protection layer (tar/bitumen).
Vehicle Load Limit: Total permissible weight attached to the roof of the car. This is inclusive of the weight of the roof rack system.
System Load Limit: Total permissible weight allowed on top, and attached to roof racks whilst the vehicle is in motion.

Torque Settings
Unless stated otherwise in these instructions, all fasteners should be set to the following torque settings - M6: 4-5Nm (3-4lbs/ft), M8: 8-10Nm (6-7.5lbs/ft) and M10: 16-18Nm (12-13lbs/ft).

Warning

- Check part number/ or kit is correct for use with your vehicle.
- Do not attempt to fit the rack system to your vehicle unless you fully understand these fitting instructions. Please direct any questions regarding fitting to the dealer from where the roof racks were purchased.
- Although the system is tested and approved to AS1235-2000 / ISO 11154, off-road conditions can be much more rigorous. Extreme care must be taken in off road conditions.
- Roof racks must be removed when vehicle is put through an automatic car wash.
- With utility vehicles, the cabin and the canopy move independently. Roof racks and vehicle can be damaged if the item transported is rigidly fixed at points on both the cabin and canopy. Instead, rigidly fix to either the cabin roof racks or the canopy roof racks.
- Always ensure you fasten your load securely.
- Use only non-stretch fastening ropes or straps to attach cargo to your load.

## In service maintenance checks

- All bolted connections should be checked after driving a short distance when you first install your roof racks.
- All bolted connections should be checked again at regular intervals (every 1000k (621mi) is recommended, depending on road conditions, usage, loads and distances travelled).
- All bolted connections should be checked each time they are re-fitted.

Note for Dealers and Fitters

It is your responsibility to ensure these fitting instructions are given to the end user or client. These instructions remain the property of Rhino-Rack Australia Pty. Ltd. and may not be used or changed for any other purpose than intended.

Instructions

Parts List
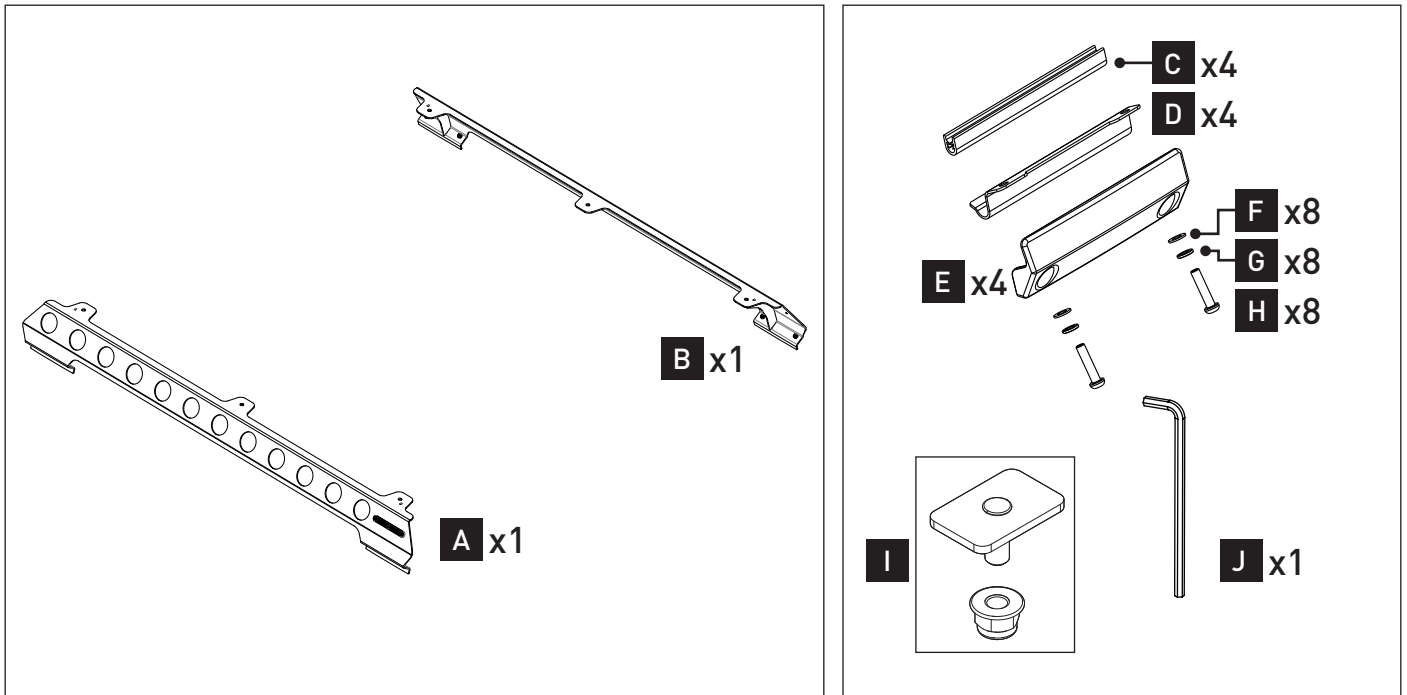
Item	Description	Qty
A	79 Series Backbone right	1
B	79 Series Backbone left	1
C	Pinch weld 15x11mm	4
D	Toyota clamp	4
E	Gutter clamp	4
F	M6 x 12.5mm flat washer	8
G	M6 spring washer	8
H	M6 x 25mm pan head screw	8
I	NG fit kit	1

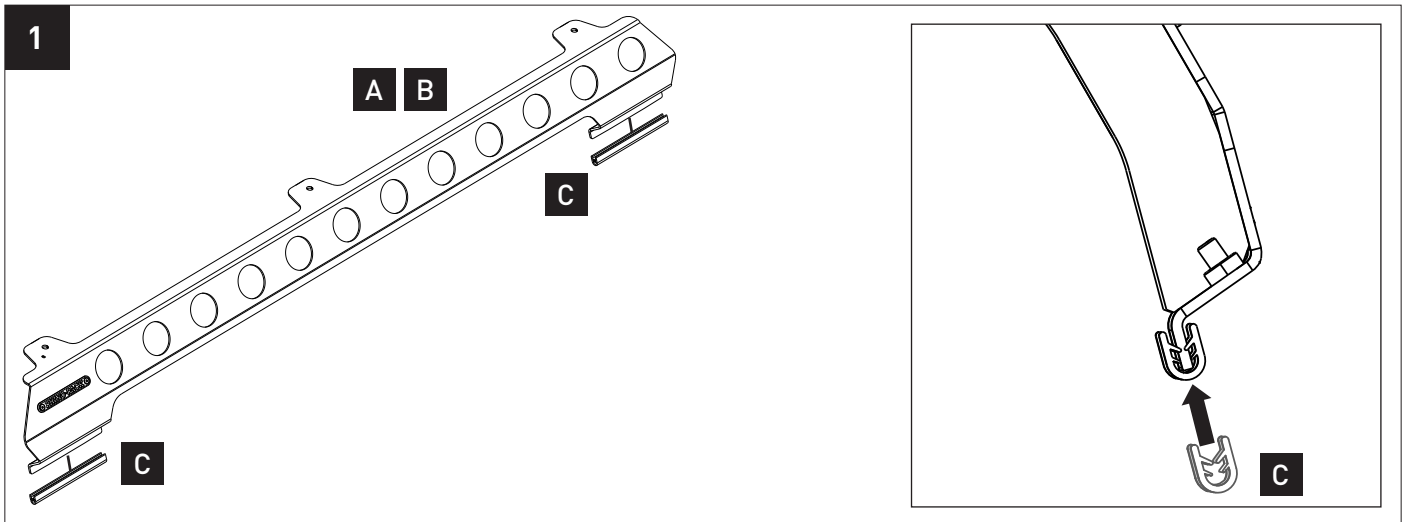| Item	Description	Qty
J	T30 L-Key	1
K	Instruction	1

Tools Required:
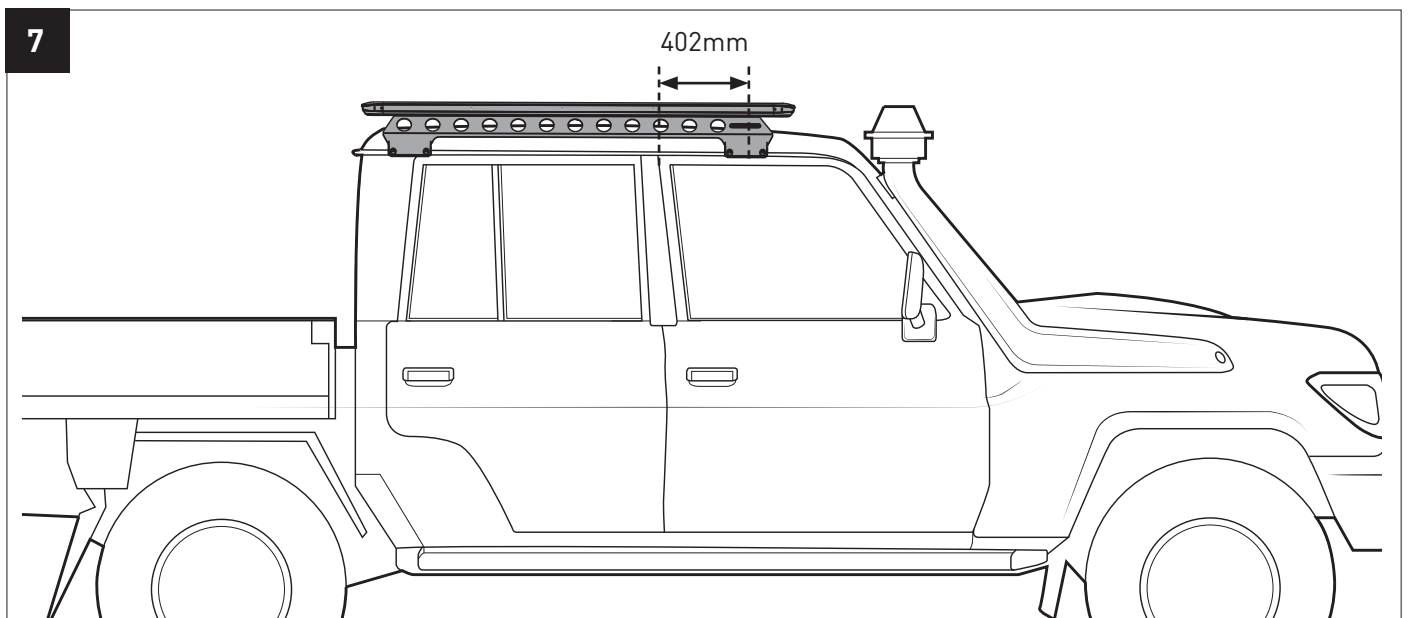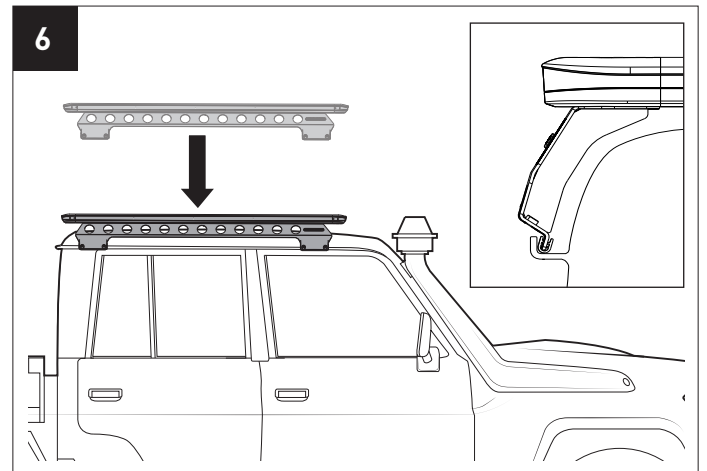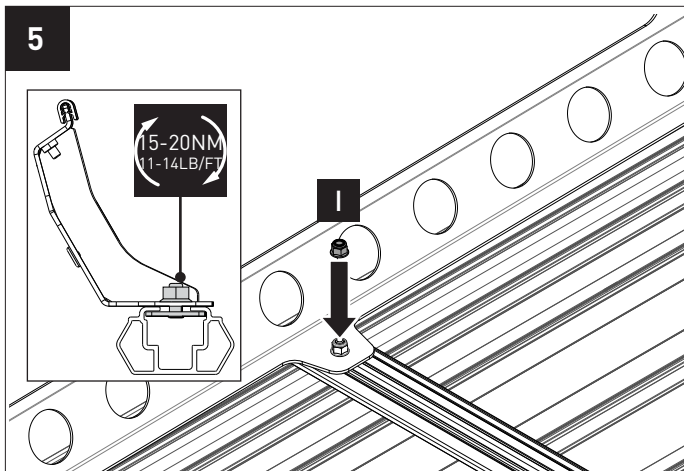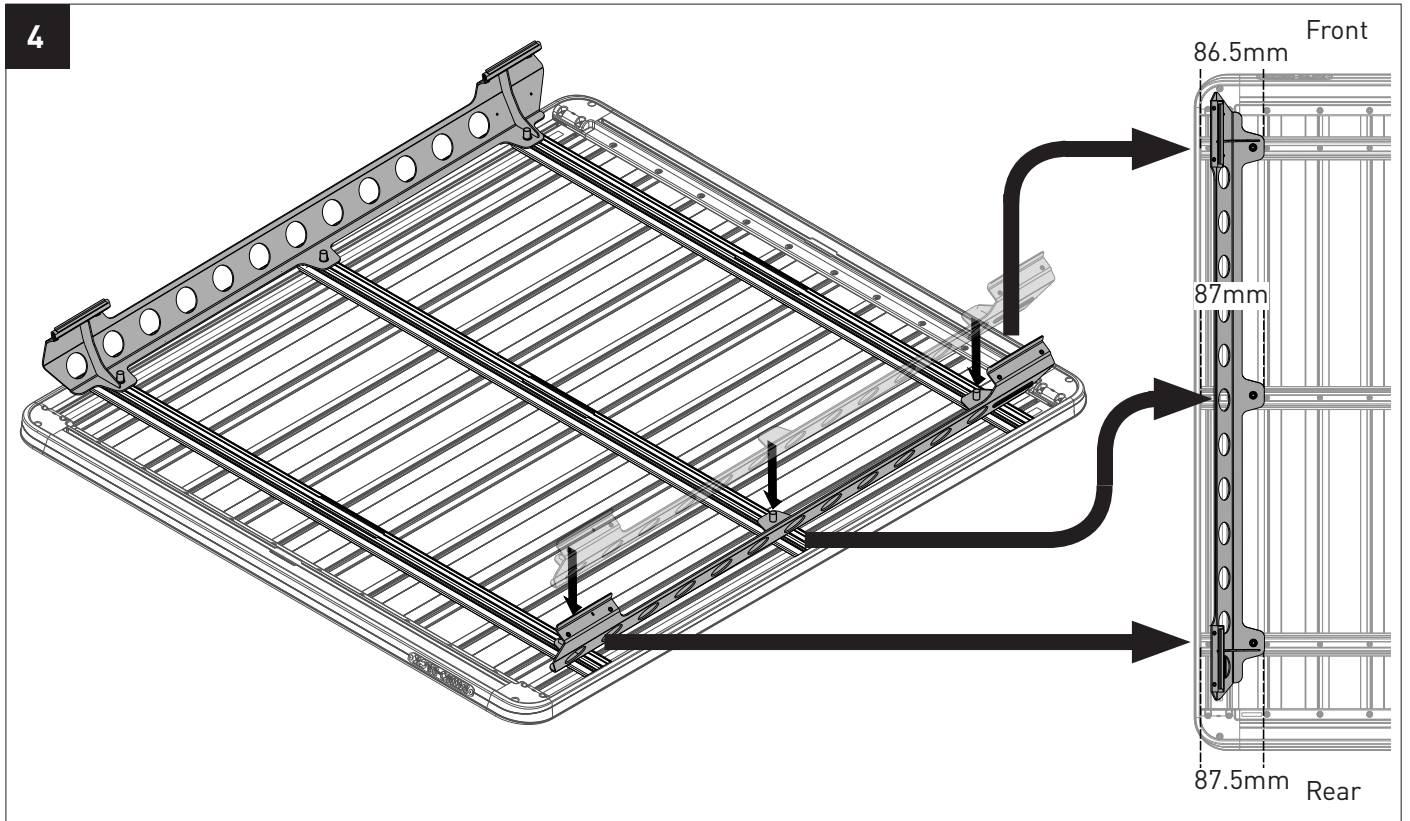T1 - 13mm socket wrench
T2 - Tape measure

Note:
Item I only required with use of all new (5XXXX) Pioneer platforms.

For installation with older (4XXXX) Pioneer Platforms, additional kit SUB0836 is required.
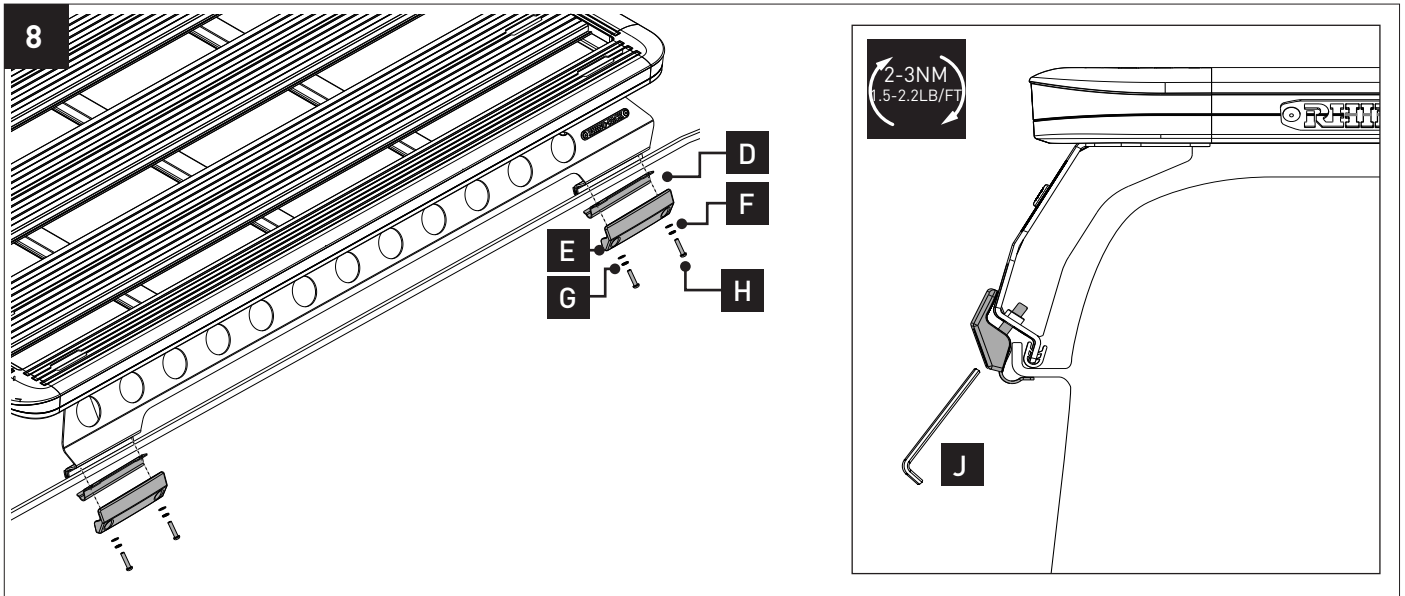(Refer to Appendix A, pg.6)

1

2

Bar 1, 2, 3

(A)

(B)

(C)

Bar 3

Bar 2

Bar 1

3

I

Instructions

4

Front

86.5mm

87mm

87.5mm Rear

5

15-20NM
11-14LB/FT

I

6

7

402mm

8

2-3NM
1.5-2.2LB/FT

D
F
E
G
H

J
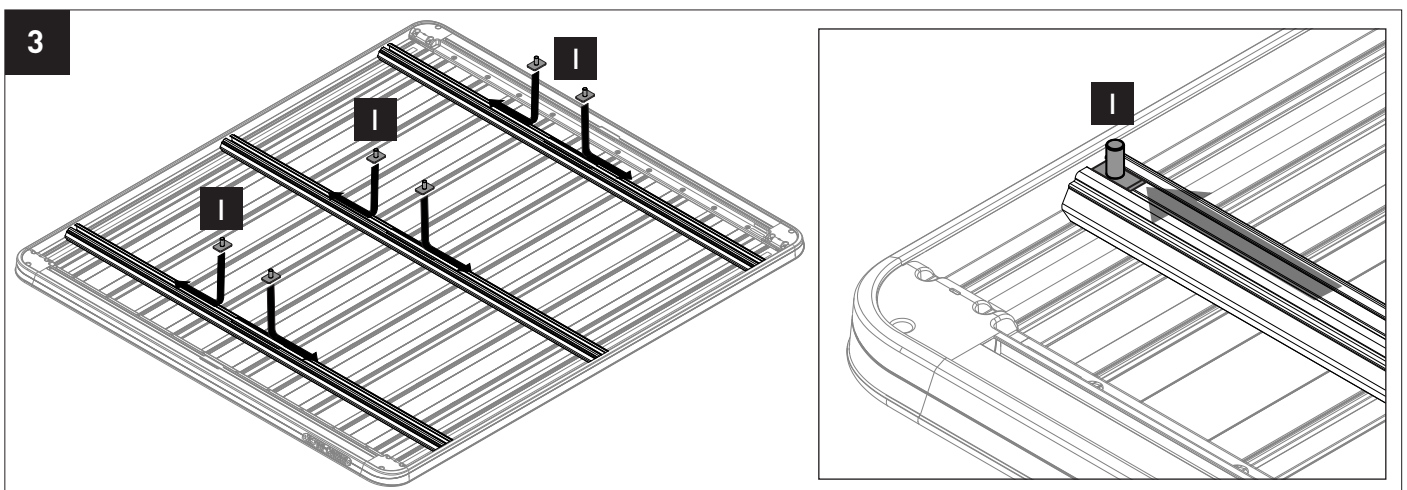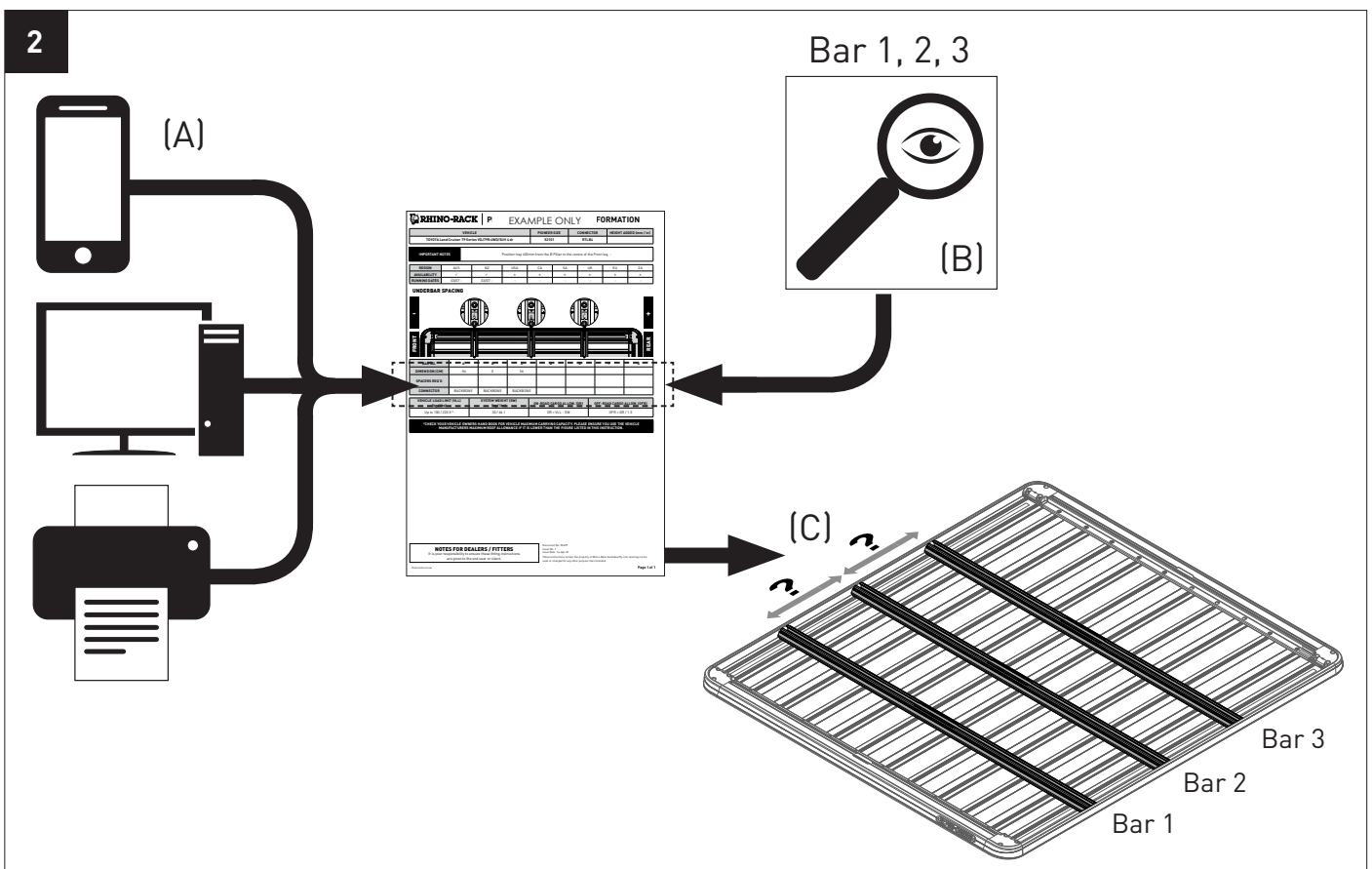
APPENDIX A   **SUB0836 Required for installation on 4XXXX Pioneer Platforms**

Parts List

Item	Description	Qty
1	M8 x 35 Hex Head Screw	6
2	M8 SPRING WASHER S/S	6
3	M8 X 24 X 2 FLAT WASHER S/S BLACK	6
4	PIONEER LEG HEIGHT SPACER	6
5	M8 CHANNEL NUT	6

1
2
3
4
5