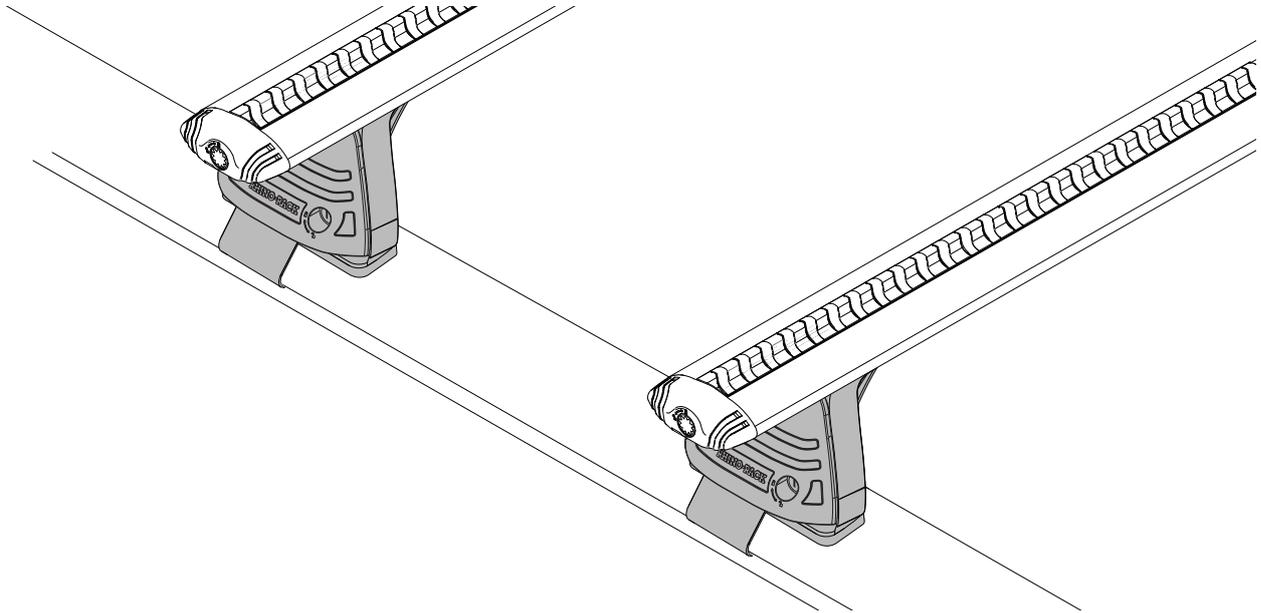




RHINO-RACK

CONTROLLED

ROC25 Vortex Crossbar Overhang - RLKVO/H



Important Information

Maximum carrying capacity:

| On Road Cargo Allowance | Off Road Cargo Allowance | Roof Allowance | Rack Weight |
|-------------------------|--------------------------|----------------|-------------|
| 70kg / 154lb | 35kg / 77lbs | 75kg / 165lbs | 5kg / 11lbs |

- Off Road:** Any driven path taken that is not on sealed (tarred / bitumen) and maintained
- Roof Allowance:** Total permissible weight attached to the roof of the car. This is inclusive of the weight of the roof rack system
- Cargo Allowance:** Total permissible weight allowed on top, and attached to roof racks whilst the vehicle is in motion
- Static Allowance:** Total permissible weight allowed on top, and attached to roof racks whilst the vehicle is stationary
- Load must be evenly distributed over the entire system. Weight of roof rack accessories is to be included in cargo allowance.

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 the Rhino-Rack website to ensure you have the latest issue of the instructions
- Check Part No. and / 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.
- **Use only non-stretch fastening ropes or straps.**
- The handling characteristics of the vehicle changes when you transport a load on the roof. For safety reasons we recommend you exercise extreme care when transporting wind-resistant loads. Special consideration must be taken into account when cornering and braking.
- 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

Recommendations:

It is essential that all bolt connections be checked after driving a short distance when you first install your roof racks. Bolt connections should be checked again at regular intervals (once a week is enough, depending on road conditions, usage, loads and distances travelled). You should also check the roof racks each time they are re-fitted. Always make sure to fasten your load securely. Please also ensure that all loads are evenly distributed and that the centre of gravity is kept as low as possible and must be entirely contained within the extents of the roof racks.

Note for Dealers and Fitters:

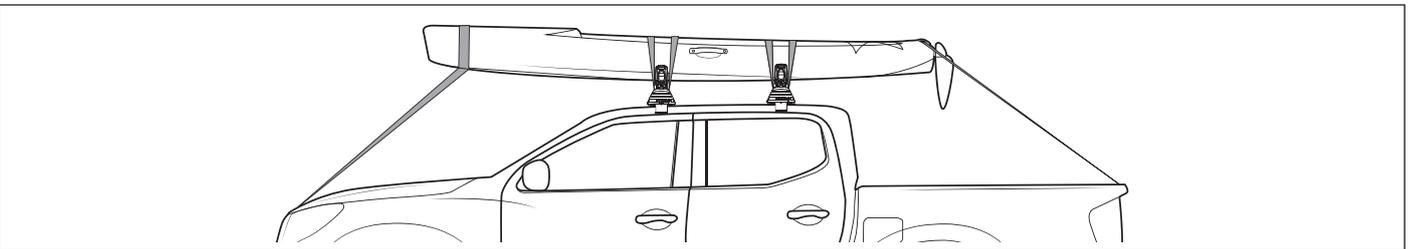
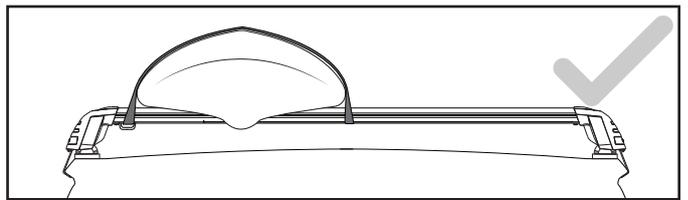
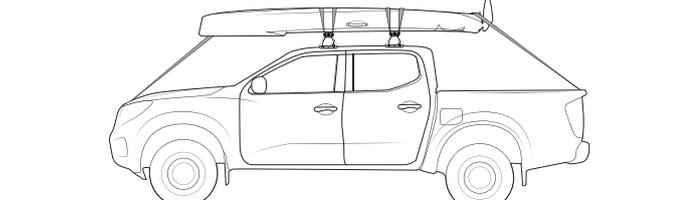
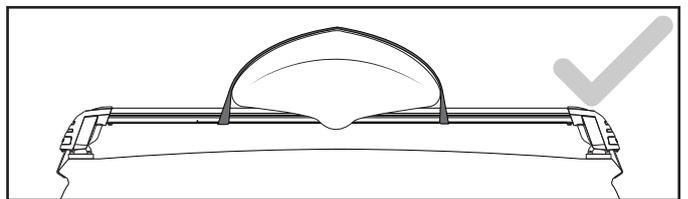
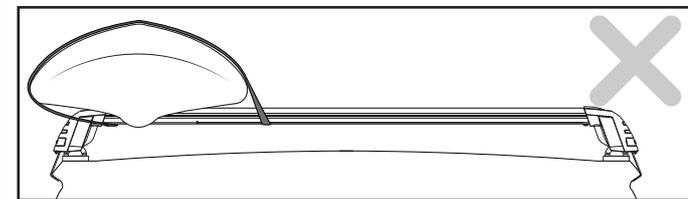
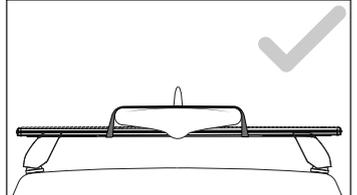
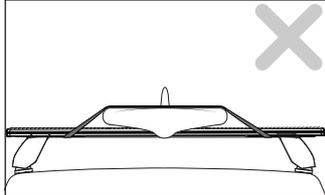
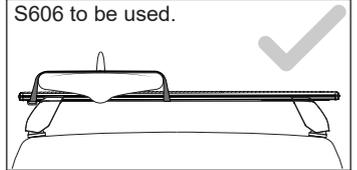
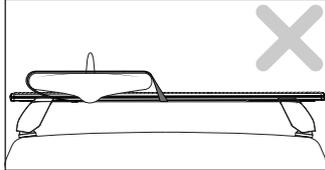
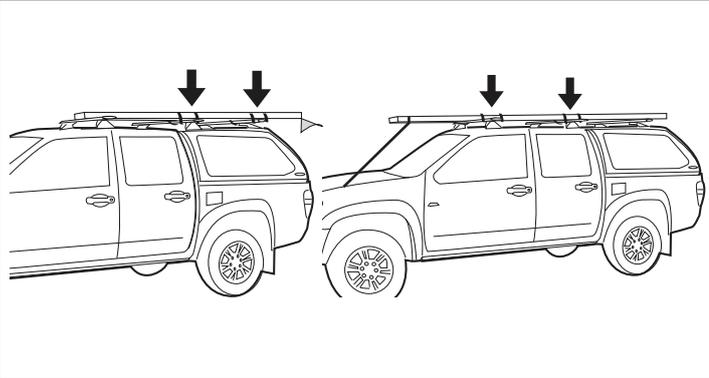
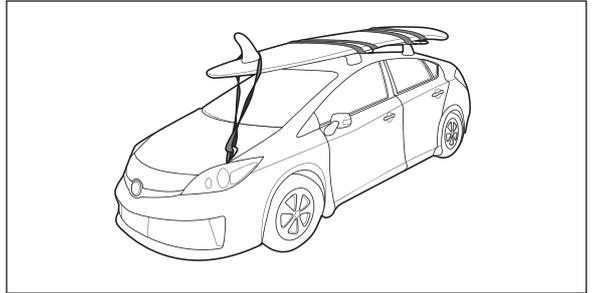
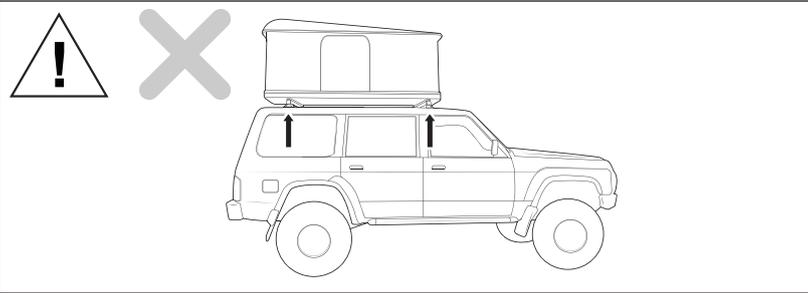
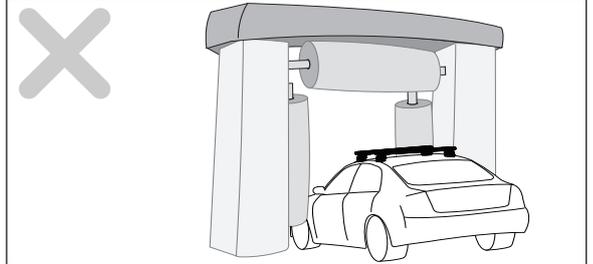
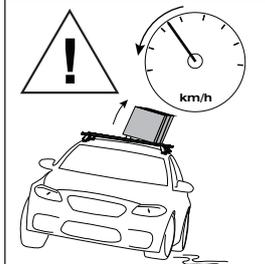
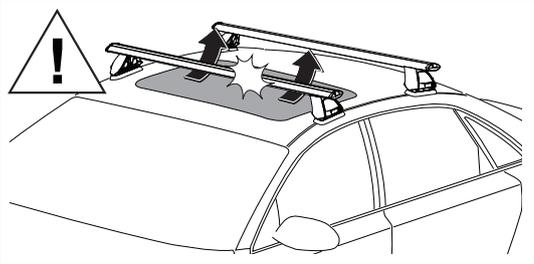
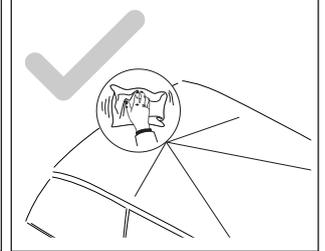
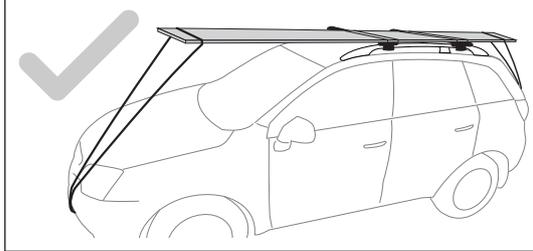
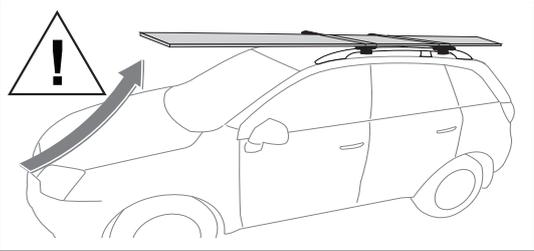
It is your responsibility to ensure these fitting instructions are given to the end user or client.

Rhino-Rack, 22 Hanson Pl, Eastern Creek
NSW 2766, Australia
(02) 8846 1900
rhinorack.com.au

Document No: R1798
Issue No: 03
Issue Date: 19/08/2019

These instructions remain the property of Rhino-Rack Australia Pty. Ltd. and may not be used or changed for any other purpose than intended.

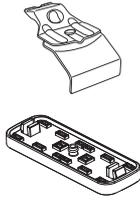
ROC25 Vortex Crossbar Overhang - RLKVO/H



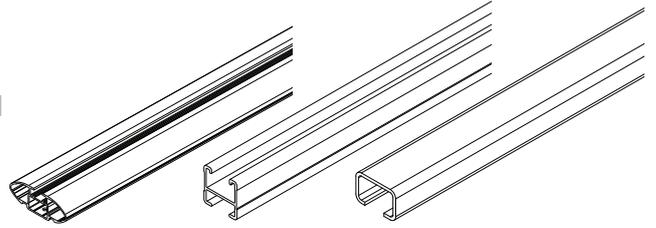
ROC25 Vortex Crossbar Overhang - RLKVO/H



Leg kit



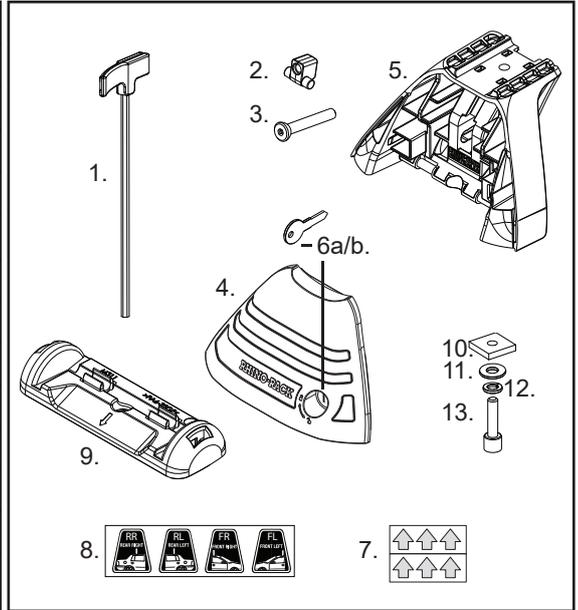
DK Pad & clamp kit



Vortex, Heavy Duty & Steel Euro Crossbars and adaptor kits

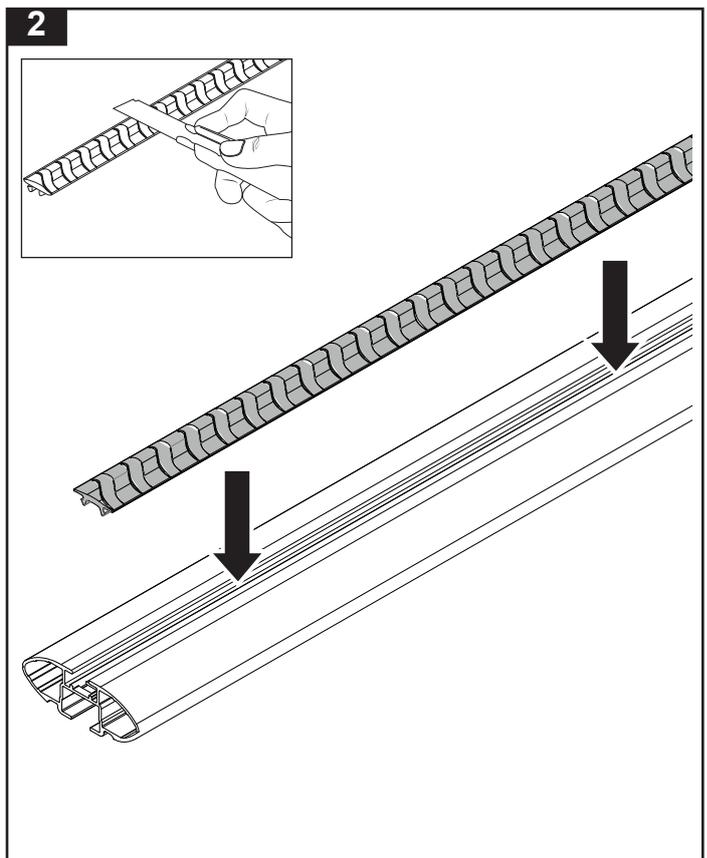
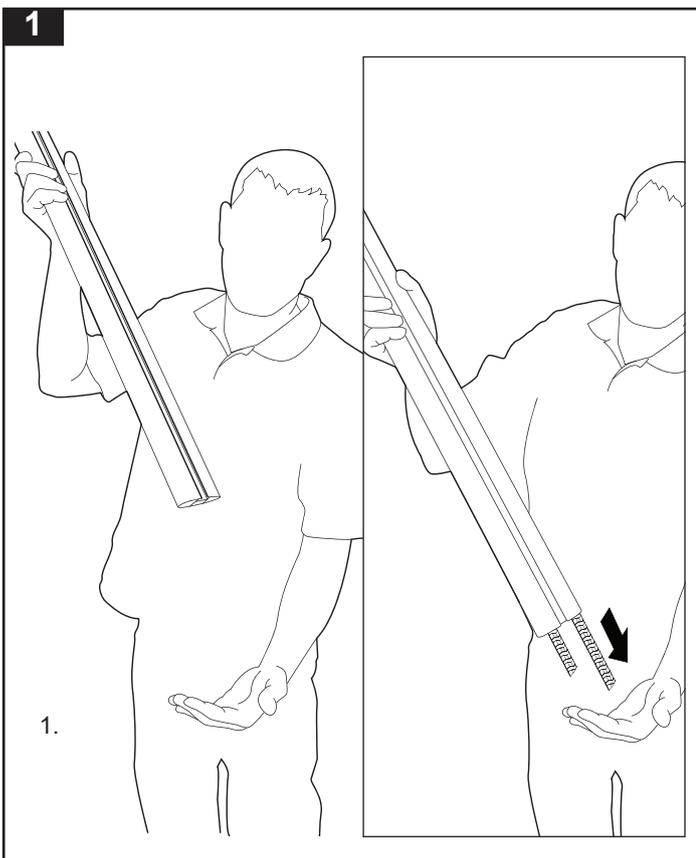
Parts List

| Item | Component Name | 1 Bar | 2 Bar | Part No. |
|------|---------------------------|-------|-------|-----------|
| 1 | Torque Allen Key | 1 | 1 | TORKEY-L |
| 2 | M8 Pivot Nut | 2 | 4 | N047 |
| 3 | M8 x 57mm Attachment Bolt | 2 | 4 | B154 |
| 4 | Cover Plate Standard | 2 | 4 | M885 |
| 5 | ROC25 Leg Overhang | 2 | 4 | M884 |
| 6a | Key and Barrel | 2 | 2 | CA1339-BK |
| 6b | Barrel | 2 | 2 | CA1339-B |
| 7 | Arrow Label | 2 | 4 | S364 |
| 8 | Leg Location Label | 2 | 4 | S365 |
| 9 | Base | 2 | 4 | M311 |
| 10 | M6 Nut 24x 24 x 4mm | 2 | 4 | N068 |
| 11 | M6 Flat Washer | 2 | 4 | W031 |
| 12 | M6 Spring Washer | 2 | 4 | W004 |
| 13 | M6 x 20mm Skt Head Screw | 2 | 4 | B054 |
| 14 | Fitting Instruction | 1 | 1 | R1798 |



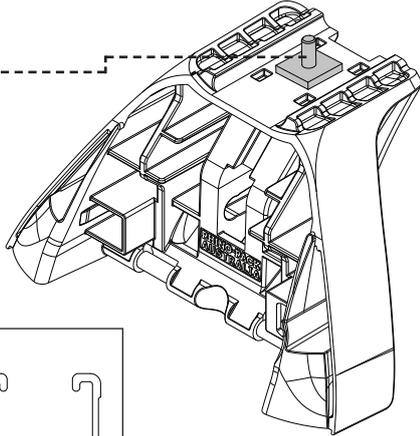
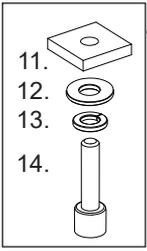
Note: Crossbars require purchase of leg kit, pad/ DK clamp kit and VA crossbars.

Instructions



ROC25 Vortex Crossbar Overhang - RLKVO/H

3



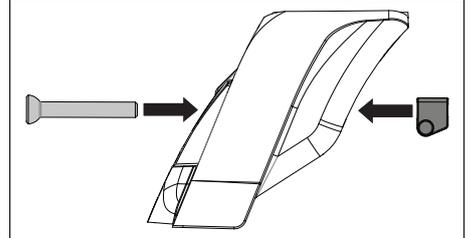
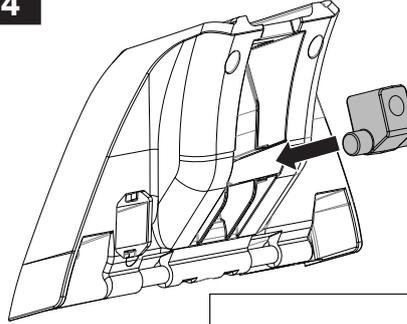
Pg 8.



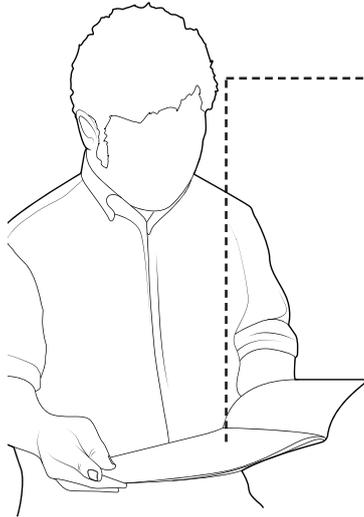
Steel Euro

Heavy Duty

4



4a



DK -Example

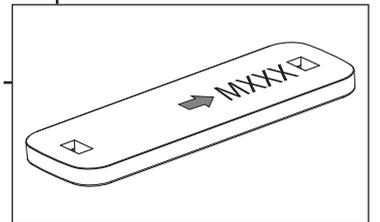
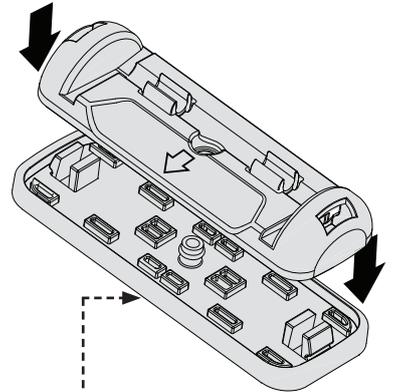
CROSSBAR IDENTIFICATION

Instruction for DK501 and RW763

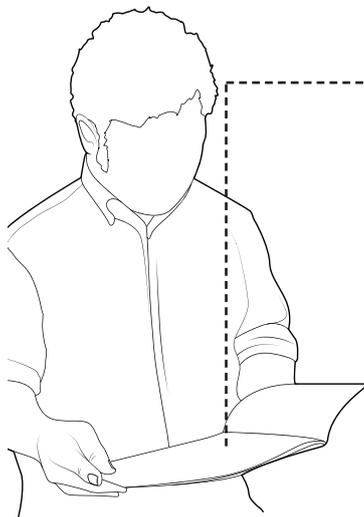
| Vehicle | Size | FRONT CROSSBAR | | | | REAR CROSSBAR | | | |
|---------------------------|--------|-----------------------|----------------------|------------------|------------------|----------------------|---------------------|------------------|------------------|
| | | Front Right Pad/Clamp | Front Left Pad/Clamp | Measurement (mm) | Measurement (mm) | Rear Right Pad/Clamp | Rear Left Pad/Clamp | Measurement (mm) | Measurement (mm) |
| Hyundai Commodore Hatch | 15 | M282 | M281 | 177mm | 84mm | M284 | M283 | 167mm | 48mm |
| Black Range Sportline | 1200mm | | | | | | | | |
| Opel Insignia Sportline | 17 | | | | | | | | |
| Visual Range ClassicSport | | | | | | | | | |

Document No. 81778 Issue 1: 15 May 2018 Page 1 of 2

| | | | |
|-----------------------|----------------------|----------------------|---------------------|
| Front Right Pad/Clamp | Front Left Pad/Clamp | Rear Right Pad/Clamp | Rear Left Pad/Clamp |
| M282 | M281 | M284 | M283 |
| SUB0612 | SUB0612 | SUB0612 | SUB0612 |



4b



DK -Example

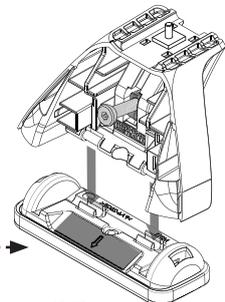
CROSSBAR IDENTIFICATION

Instruction for DK501 and RW763

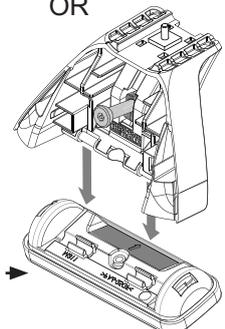
| Vehicle | Size | FRONT CROSSBAR | | | | REAR CROSSBAR | | | |
|---------------------------|--------|-----------------------|----------------------|------------------|------------------|----------------------|---------------------|------------------|------------------|
| | | Front Right Pad/Clamp | Front Left Pad/Clamp | Measurement (mm) | Measurement (mm) | Rear Right Pad/Clamp | Rear Left Pad/Clamp | Measurement (mm) | Measurement (mm) |
| Hyundai Commodore Hatch | 15 | M365 | M365 | 1010mm | 114490 | M365 | M365 | 1010mm | 114490 |
| Black Range Sportline | 1200mm | | | | | | | | |
| Opel Insignia Sportline | 17 | | | | | | | | |
| Visual Range ClassicSport | | | | | | | | | |

Document No. 81778 Issue 1: 15 May 2018 Page 1 of 2

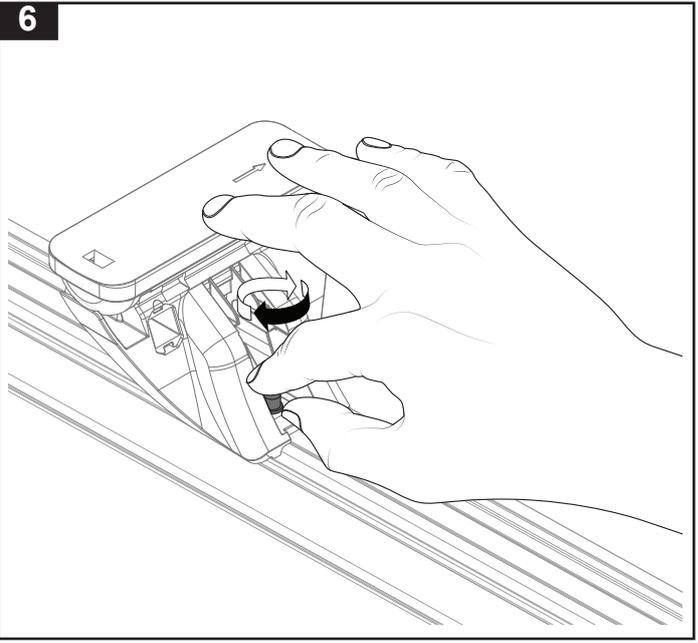
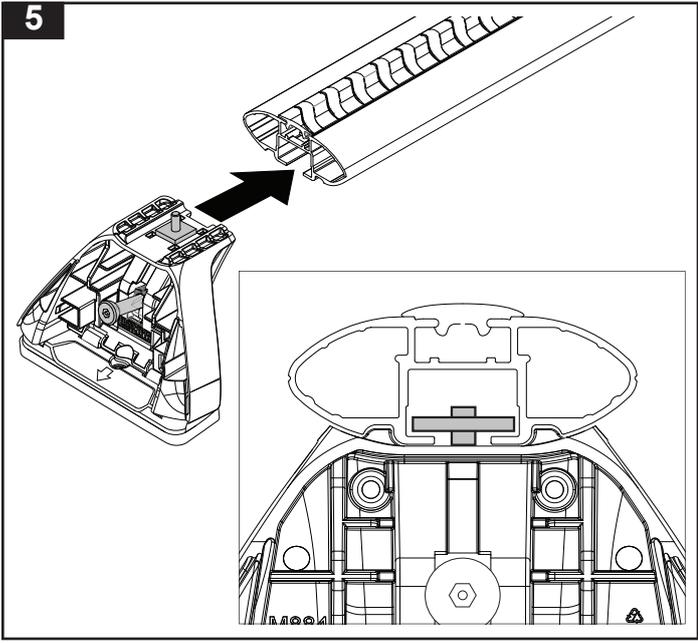
| | | | | |
|-----------------|----------------------------|----------------------|-----------------|----------------------------|
| Measurement (x) | Foot plate arrow direction | Rear Right Pad/Clamp | Measurement (x) | Foot plate arrow direction |
| 1010mm | IN | M365 | 1010mm | OUT |
| | | 114490 | | |
| | | Arrow FORW | | |
| | | M365 | | |
| | | 114490 | | |
| | | OUT | | |



OR



ROC25 Vortex Crossbar Overhang - RLKVO/H



7

DK -Example instruction

| | | FRONT CROSSBAR | | | | REAR CROSSBAR | | | | |
|------------|-------|----------------|----------|-----------|-------------|---------------|-----------|-------------|----------|-----------|
| Vehicle | Year | Clamp | Part No. | Part Name | Measurement | Part No. | Part Name | Measurement | Part No. | Part Name |
| Subaru 200 | 00-05 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 06-08 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 09-10 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 11-12 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 13-14 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 15-16 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 17-18 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 19-20 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 21-22 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 23-24 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 25-26 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 27-28 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 29-30 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 31-32 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 33-34 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 35-36 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 37-38 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 39-40 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 41-42 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 43-44 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 45-46 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 47-48 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 49-50 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 51-52 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 53-54 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 55-56 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 57-58 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 59-60 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 61-62 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 63-64 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 65-66 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 67-68 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 69-70 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 71-72 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 73-74 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 75-76 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 77-78 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 79-80 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 81-82 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 83-84 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 85-86 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 87-88 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 89-90 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 91-92 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 93-94 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 95-96 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 97-98 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |
| Subaru 200 | 99-00 | 100000 | 100000 | FRONT | 181mm | 100000 | REAR | 115mm | 100000 | FRONT |

Front Left Pad/Clamp

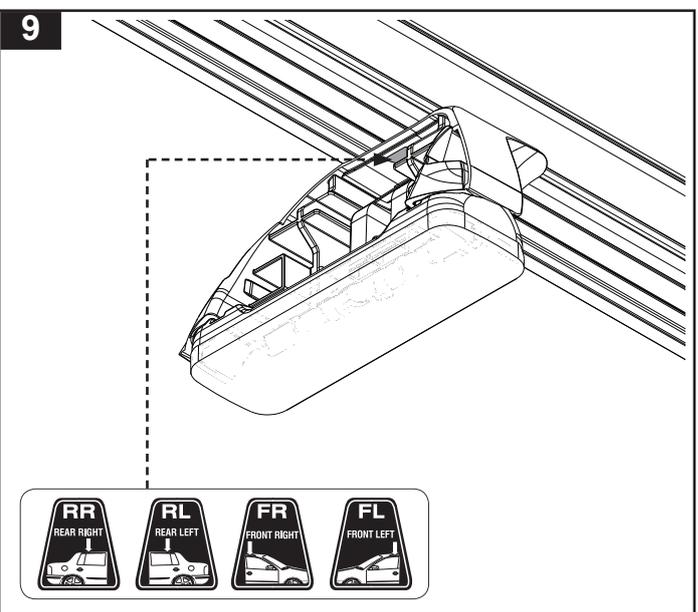
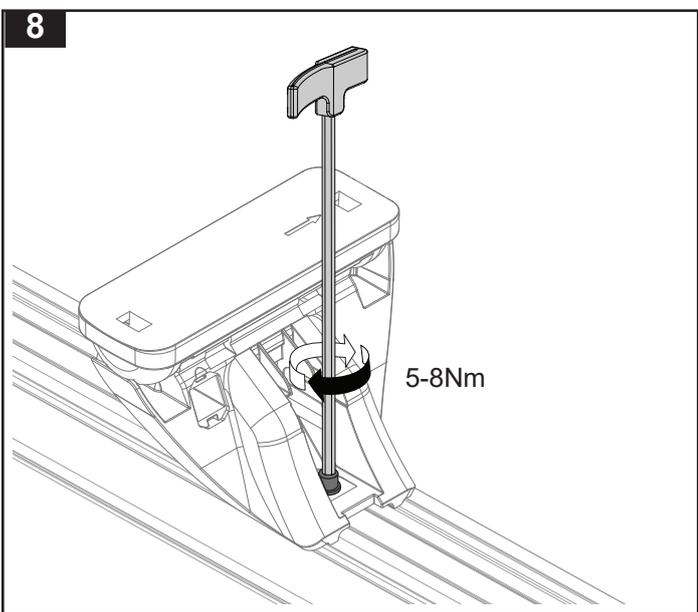
M367
14500

Measurement strip length per side: 181mm

Rear Left Pad/Clamp

M699
B0552

Measurement strip length per side: 115mm



ROC25 Vortex Crossbar Overhang - RLKVO/H

10

DK-Example instruction

CENTRE of base plate to CENTRE of base plate

CENTRE of front leg foot plate area to CENTRE of rear leg foot plate area

Roof rack to be used: 75kg. Please refer to manufacturer's handbook for your vehicle's maximum roof load capacity. Always use the lower of the two figures.

Model is not listed on this fitting instruction please refer to your country's Rhino-Rack web site for the latest information.

| VEHICLE | Date | Measurement A | Measurement B | Load Rating (includes racks & 50kg) |
|-----------------------------|-------|-------------------|-------------------|-------------------------------------|
| Ford Focus SW Hatch L55V | 05-11 | 200mm / 7,7/8" | 650mm / 25,19/32" | 15kg / 105kg |
| Mitsubishi 200-4dr Sedan CB | 05-08 | 300mm / 11,13/16" | 700mm / 27,9/16" | 15kg / 105kg |
| Mitsubishi Galant 4dr Sedan | 04-07 | 300mm / 11,13/16" | 700mm / 27,9/16" | 15kg / 105kg |

Page 2 of 2

Measurement A: 200mm / 7,7/8", 300mm / 11,13/16", 300mm / 11,13/16"

Measurement B: 650mm / 25,19/32", 700mm / 27,9/16", 700mm / 27,9/16"

11

12

DK-Example instruction

IDENTIFICATION CHART

| Vehicle | Date | FRONT CROSSBAR | | | | REAR CROSSBAR | | | | Particulars (see manual) |
|-----------------------------|-------|----------------|---------|-------------|-------------|---------------|---------|-------------|-------------|--------------------------|
| | | Part No | Part No | Measurement | Measurement | Part No | Part No | Measurement | Measurement | |
| Ford Focus SW Hatch L55V | 05-11 | M367 | M367 | 114500 | 114500 | M367 | M367 | 114490 | 114490 | 15kg / 105kg |
| Mitsubishi 200-4dr Sedan CB | 05-08 | M365 | M365 | 114490 | 114490 | M365 | M365 | 114490 | 114490 | 15kg / 105kg |
| Mitsubishi Galant 4dr Sedan | 04-07 | M365 | M365 | 114490 | 114490 | M365 | M365 | 114490 | 114490 | 15kg / 105kg |

Page 1 of 2

Front Right Pad/ Clamp: M367 114500

Front Left Pad/ Clamp: M367 114500

Meas strip per: 18

Arrow FORWARD

Rear Right Pad/ Clamp: M365 114490

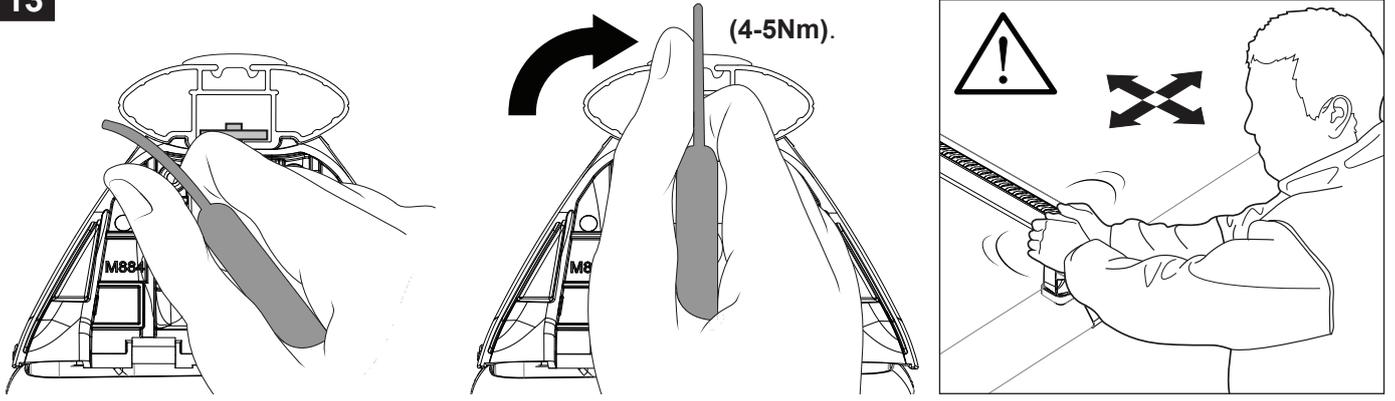
Rear Left Pad/ Clamp: M365 114490

Meas strip per: 18

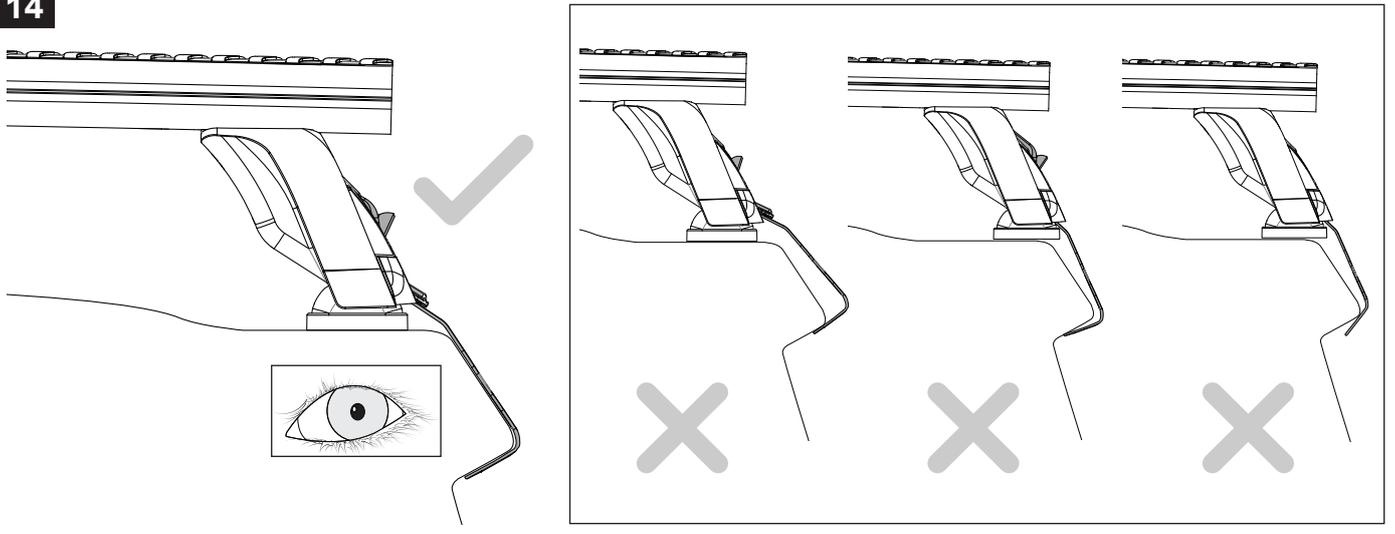
Arrow FORWARD

ROC25 Vortex Crossbar Overhang - RLKVO/H

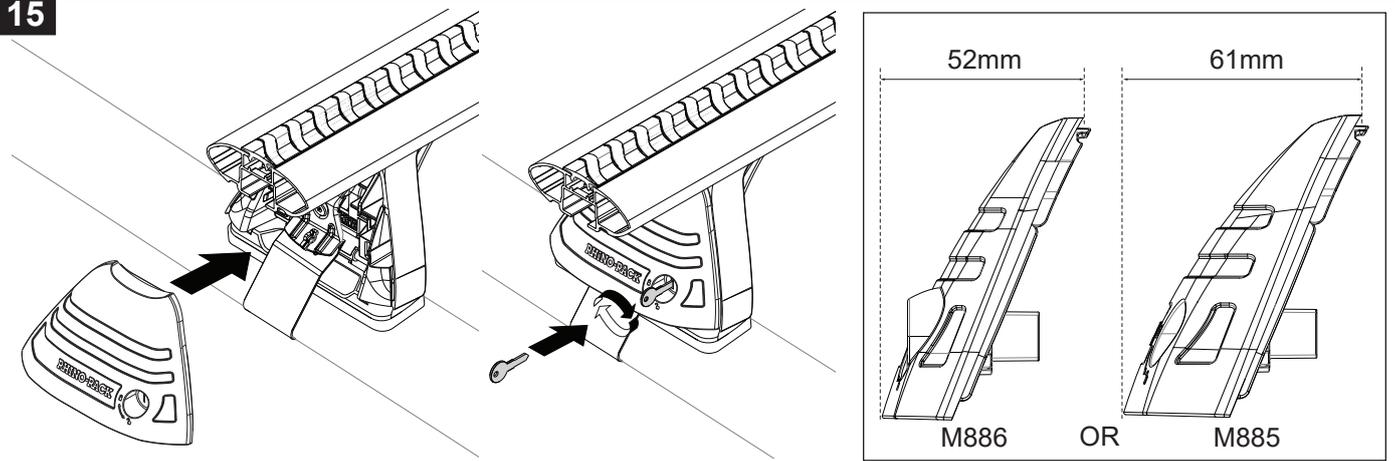
13



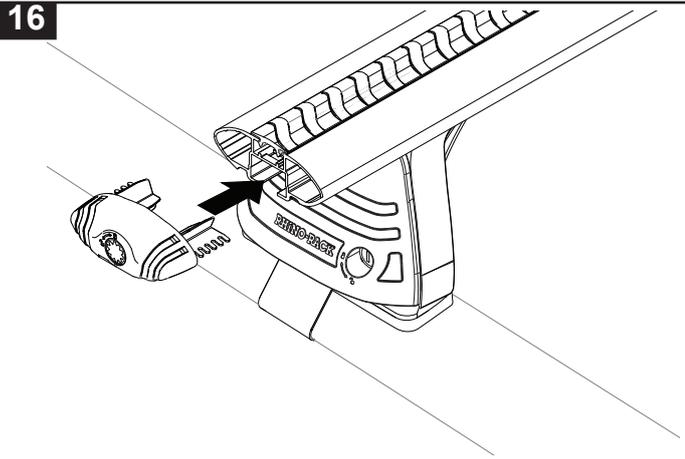
14



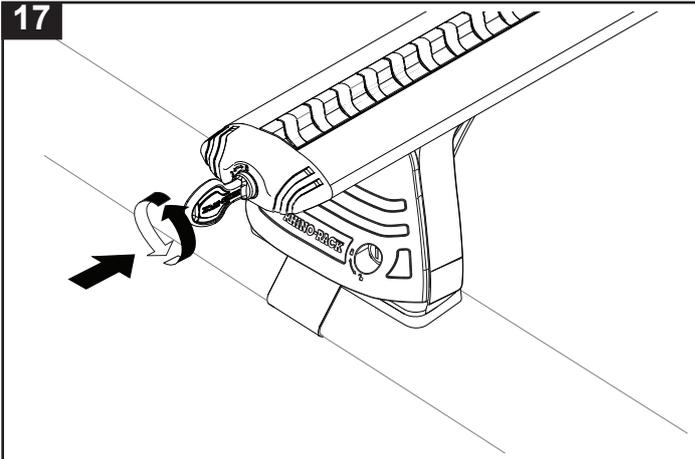
15



16



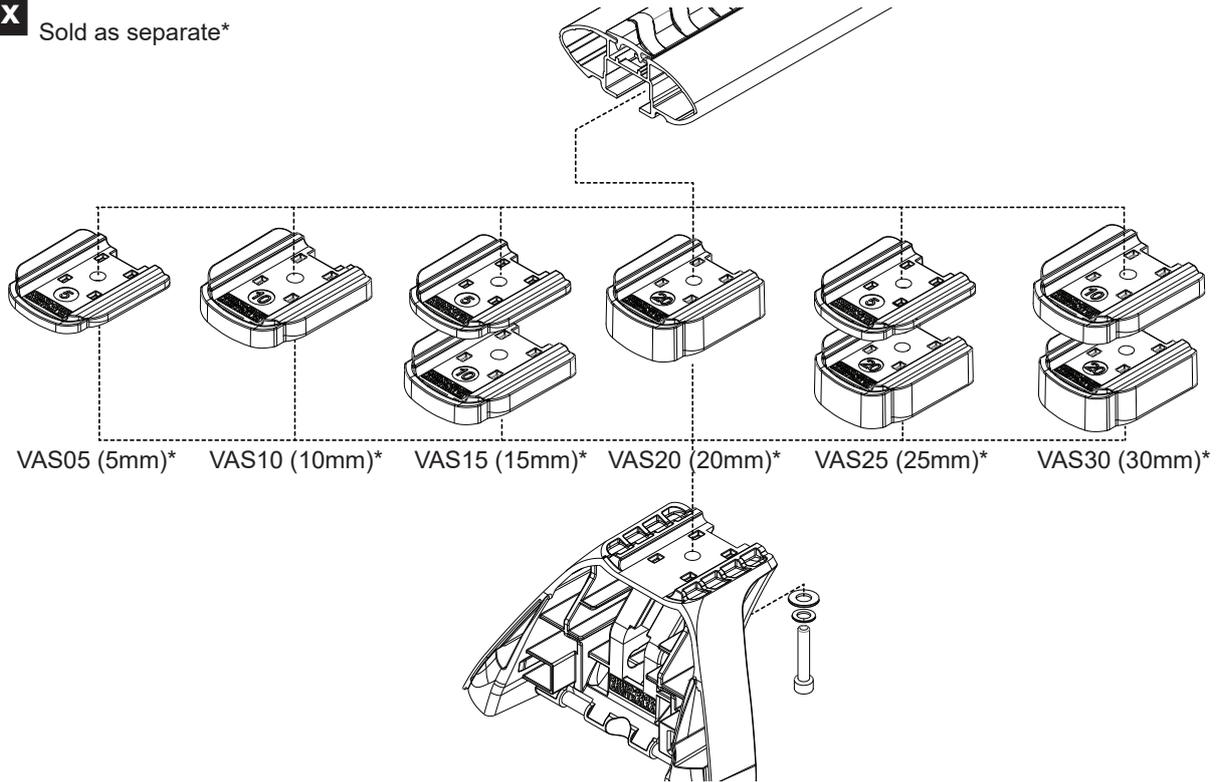
17



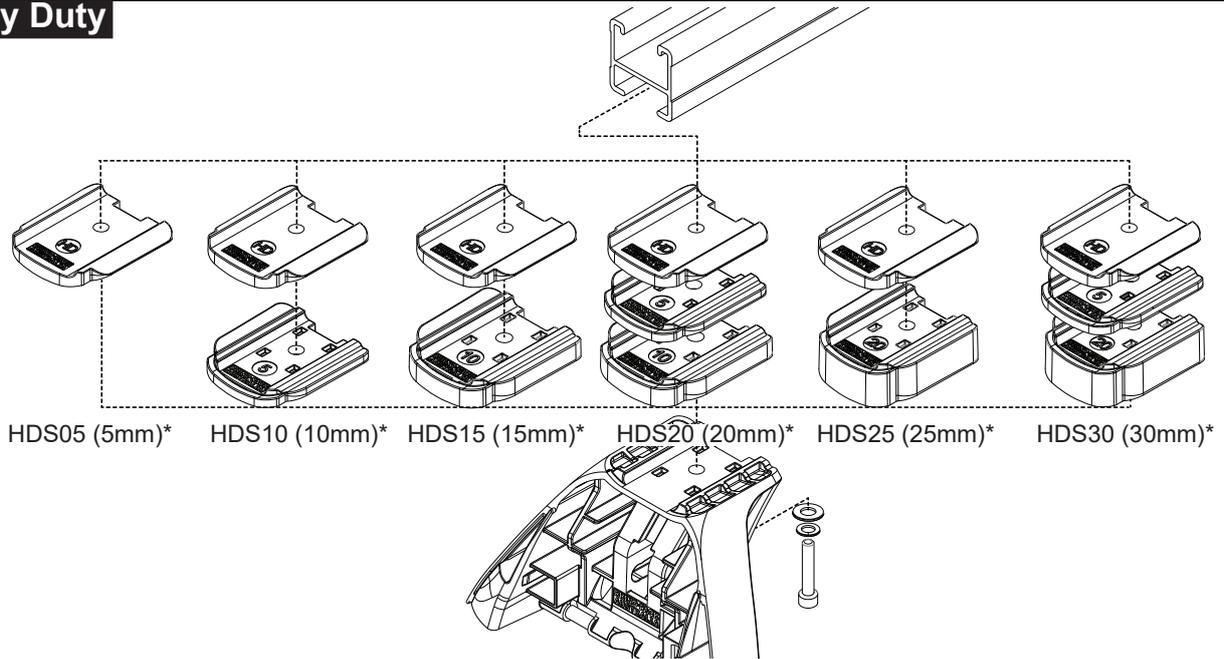
ROC25 Vortex Crossbar Overhang - RLKVO/H

Vortex

Sold as separate*



Heavy Duty



Steel Euro

