



# **FITTING INSTRUCTIONS**

Part Number: **17914100**

Suits BASE RACK: **1770020/70**

Description: **BASE RACK Fitting Kit to suit HILUX CANOPY 26 ON**

## **WARNING**

### **REGARDING VEHICLES EQUIPPED WITH SIDE AIR CURTAINS & SIDE AIRBAGS:**

When installed in accordance with these instructions, the Side Step and Side Rail does not affect operation of the Side Air Curtains and Side Airbags.

### **ALSO, NOTE THE FOLLOWING:**

- ◆ This product must be installed exactly as per these instructions using only the hardware supplied.
- ◆ In the event of damage to any Side Step and Side Rail component, contact your nearest authorised ARB stockist. Repairs or modifications to the impact absorption system must not be attempted.
- ◆ Do not use this product for any vehicle make or model, other than those specified by ARB.
- ◆ This product or its fixing must not be modified in any way.
- ◆ The installation of this product may require the use of specialized tools and/or techniques
- ◆ It is recommended that this product is only installed by trained personnel
- ◆ These instructions are correct as at the publication date. ARB Corporation Ltd. cannot be held responsible for the impact of any changes subsequently made by the vehicle manufacturer
- ◆ During installation, it is the duty of the installer to check correct operation/clearances of all components
- ◆ Work safely at all times
- ◆ Unless otherwise instructed, tighten fasteners to specified torque

## **ARB 4x4 ACCESSORIES**

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# **SAFETY**

## **NET PAYLOAD FOR YOUR BASERACK**

The net payload for your BASE RACK is calculated by subtracting the weight of the BASE RACK and the vehicle mounting kit from the vehicle's roof capacity. The table below gives the BASE RACK net payload for fitting kit 17914050, using the vehicles maximum vehicle roof capacity. The vehicle's roof load capacity may vary between models and driving conditions. Refer to vehicle owner's manual for model and condition specific roof load capacities.

| Kit      | BASE RACK  | Vehicle Canopy capacity* (kg/lb) | BASE RACK + mount kit (kg/lb) | BASE RACK net payload (kg/lb) |
|----------|------------|----------------------------------|-------------------------------|-------------------------------|
| 17914100 | 1770020/70 | 150 / 330                        | 20 / 44                       | 130 / 286                     |

\* Maximum Canopy roof load capacity. Refer to vehicle owner's manual for model and condition specific roof load capacities.

It is important to follow the listed usage instructions;

- ◆ Maximum load per BASE RACK beam is 25kg.
- ◆ Load must be evenly distributed and adequately secured.
- ◆ Any weight carried on the roof of the vehicle will adversely affect its handling, particularly in cornering or in a cross-wind, the vehicle should therefore be driven with increased discretion.
- ◆ Regularly check the tightness of the securing clamps and the security of the load.
- ◆ Attention is directed to statutory requirements regarding maximum permissible projections from vehicles.

All bolts should be checked prior to touring to ensure the tray is fastened correctly

## **GENERAL CARE AND MAINTENANCE**

By choosing an ARB BASE RACK, you have bought a product that is one of the most sought after 4WD products in the world. Your BASE RACK is a properly engineered, reliable, quality accessory that represents excellent value. To keep your BASE RACK in original condition it is important to care and maintain it following these recommendations:

- As part of any pre-trip preparation, or on an annual basis, it is recommended that a thorough visual inspection of the BASE RACK is carried out, making sure that all bolts and other components are torqued to the correct specification. Replace any components as necessary.

Please contact local Authorised ARB Stockist if you would like to have this service carried out on your behalf.

## FITTING REQUIREMENTS

### REQUIRED TOOLS FOR FITMENT OF PRODUCT:

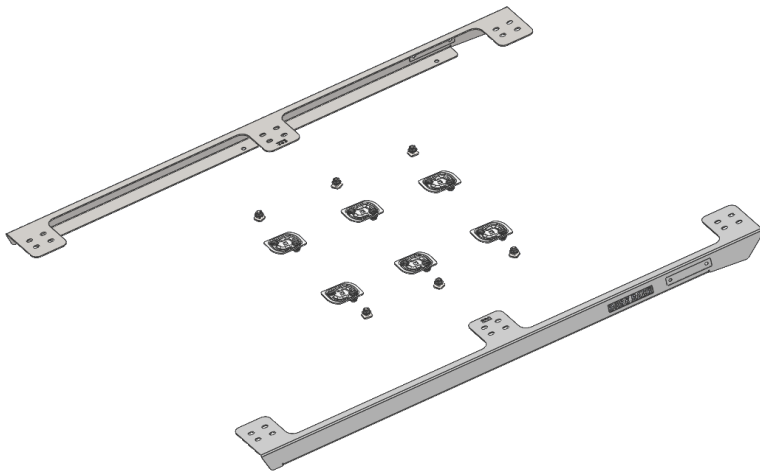
|                |                    |
|----------------|--------------------|
| BASIC TOOL KIT | 13mm Torque Wrench |
|----------------|--------------------|

**NOTE:** 'WARNING' notes in the fitting procedure relate to OHS situations, where to avoid a potentially hazardous situation it is suggested that protective safety gear be worn or a safe work procedure be employed. If these notes and warnings are not heeded, injury may result.

### FASTENER TORQUE SETTINGS:

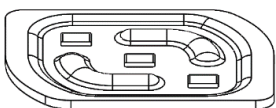
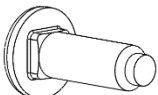
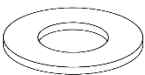
| SIZE | Torque Nm | Torque lbft |
|------|-----------|-------------|
| M8   | 22Nm      | 16lbft      |

### PARTS LISTING - BASE RACK fitting kit

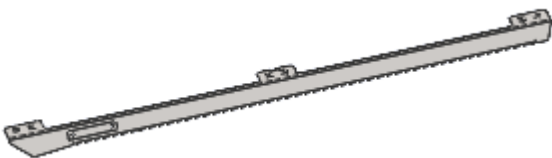
| PART NUMBER | SUITS BASE RACK | QTY | DIAGRAM                                                                             |
|-------------|-----------------|-----|-------------------------------------------------------------------------------------|
| 17914100    | 1770020/70      | 1   |  |

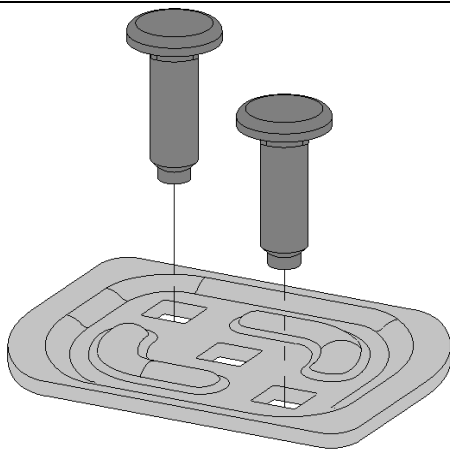
## PARTS LISTING

### APPLICATION – BASE RACK TO MOUNTING BRACKETS

|         |                                                                                   |    |                             |
|---------|-----------------------------------------------------------------------------------|----|-----------------------------|
| 3195184 |  | 6  | M8 STUD PLATE               |
| 6151921 |  | 12 | M8 STUD - BLACK             |
| 6151212 |  | 12 | M8 X 1.25 NYLOC NUT - BLACK |
| 4581085 |  | 12 | M8 WASHER FLAT - BLACK      |

## PARTS LISTING

| PART NO.                                       | PICTURE                                                                             | QTY | DESCRIPTION            |
|------------------------------------------------|-------------------------------------------------------------------------------------|-----|------------------------|
| <b>APPLICATION – MOUNTING BRACKETS TO ROOF</b> |                                                                                     |     |                        |
| 37501222L                                      |  | 1   | BLADE BRACKET HILUX LH |
| 37501222R                                      |  | 1   | BLADE BRACKET HILUX RH |
| 6151677                                        |  | 6   | T Bolt                 |
| 4581085                                        |  | 6   | M8 WASHER              |
| 6151515                                        |  | 6   | M8 NYLOC NUT           |

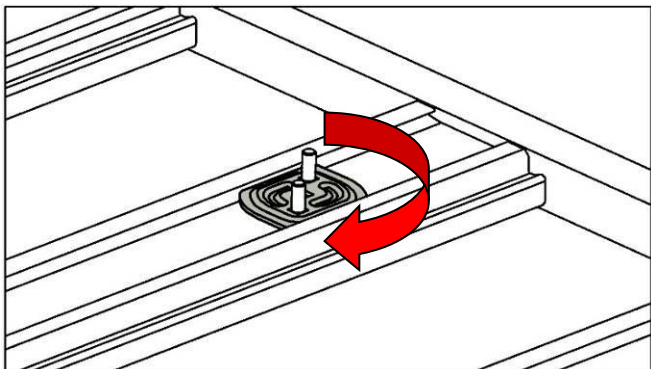


1. Insert 2, M8 x 20 Studs into 6 of the Stud Plates as shown.

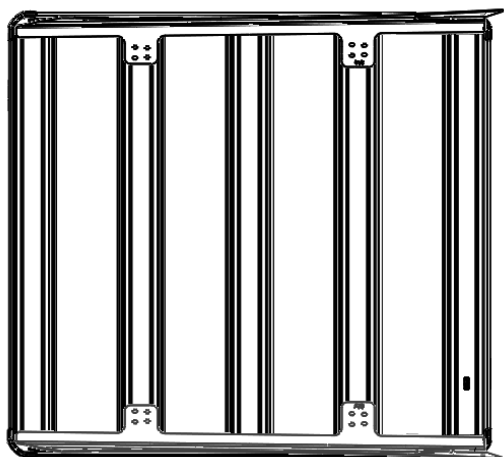


2. Check the position of the mounting plates (circled in image) on the blade brackets in relation to the channels on the **Canopy**.

*Generic Image*

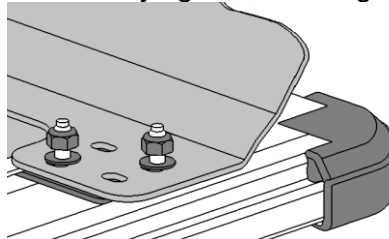


3. Insert the previously assembled stud plates into the correct BASE RACK channels. Rotate the plates 90 degrees.



4. Flip the blade brackets over so they are upside down and carefully place on top of the BASE RACK. When doing so ensure the M8 studs in the stud plates go through the slots. Then secure the blade brackets to the BASE RACK using M8 flat washers and nyloc nuts.

Do not fully tighten, allowing each blade to move.



*Generic Image*



5. Slide M8 x 20 SQR HD bolts through canopy T-slot channel ensuring even spacing relative to holes in blade brackets.



6. Flip BASE RACK assembly and place on top of channels with the respective SQR HD bolts and washer and NYLOC.



7. Secure using supplied M8 washers and NYLOC nuts. Tighten assembly into desired position to recommended torque specifications.



8. To finish, tighten stud plates on underside of BASE RACK to specified torque setting.