



## - Modular RoofRack\_Prado 24+ - Fitting Instruction Manual



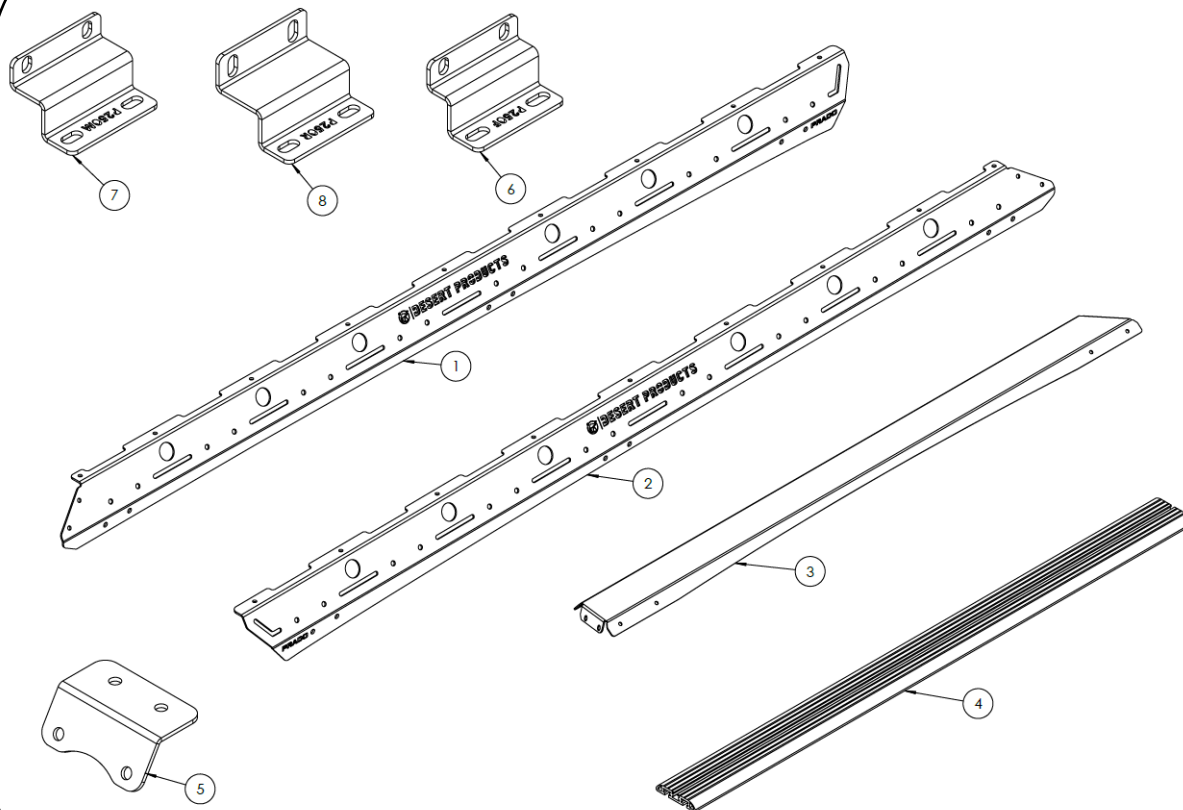
### ⚠ WARNING! ⚠

IT IS CRITICAL THAT OUR PRODUCTS BE PROPERLY AND SECURELY INSTALLED. NOT DOING SO COULD LEAD TO AUTOMOBILE ACCIDENT, AND COULD RESULT IN SERIOUS INJURY OR DEATH. YOU TAKE FULL RESPONSIBILITY TO MAKE SURE OUR PRODUCTS ARE ASSEMBLED AND SECURED CORRECTLY TO YOUR VEHICLE. IF YOU DO NOT HAVE EXPERIENCE IN SUCH A JOB, YOU SHOULD HAVE THE PRODUCTS INSTALLED BY A PROFESSIONAL OR QUALIFIED PERSONNEL. WE WILL NOT BE RESPONSIBLE FOR ANY DAMAGE CAUSED.



# 1.1 ORGANISE

FIGURE 1.1



## PARTS

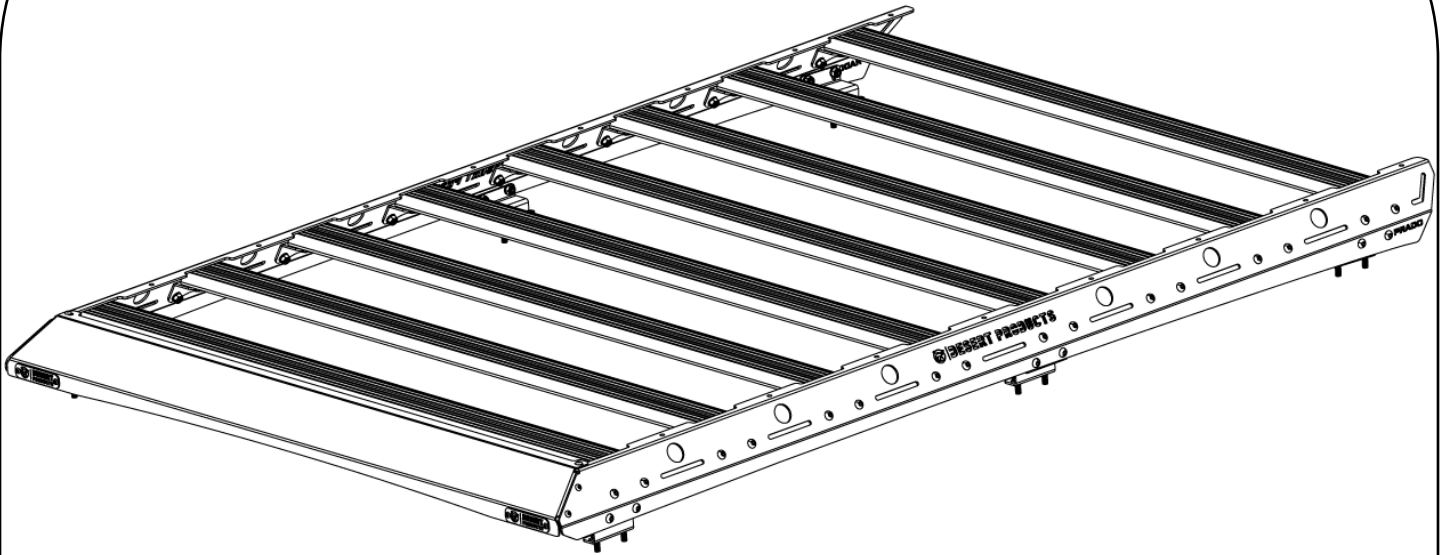
1	Part01	X 1
2	Part02	X 1
3	Part03	X 1
4	Part04	X 8
5	Part05	X 16
6	Part06	X 2
7	Part07	X 2
8	Part08	X 2

## TOOLS NEEDED

A	ALLEN KEY SET
B	WRENCH SET
C	ALCOHOL CLEANER
D	CLEAN CLOTH



# 1.2 PARTS & HARDWARE



ITEM NO.	PART NUMBER	QTY.
1	DP_Prado24+_ModRR_Passenger Leg2.0	1
2	DP_Prado24+_ModRR_LB Bracket2.0	16
3	DP_Prado24+_ModRR_Driver Leg2.0	1
4	DP_Prado24+_ModRR_Front Mount2.0	2
5	DP_Prado24+_ModRR_Wind Deflector2.0	1
6	DP_Extrusion Load Bar Pradp 24+2.0	8
7	DP_Prado24+_ModRR_Middel Mount2.0	2
8	DP_Prado24+_ModRR_Rear Mount2.0	2
9	16MM M8 BUTTON HEAD2.0	44
10	M8 x 16 Washer2.0	88

ITEM NO.	PART NUMBER	QTY.
11	M8 nyloc2.0	76
12	M8x16 Hex2.0	32
13	M8 Spring Washer2.0	12
14	M8 x 25 Cap Screw2.0	12
15	M6 x 16 Button Head2.0	6
16	2mm Stainless Steel - DP_RoofRack Wind Deflector_Logo Plate	2
17	5.5 Pop rivet	4
18	M6 Lock Nut2.0	6
19	M6 x 16 Washer2.0	6



**WARNING!**

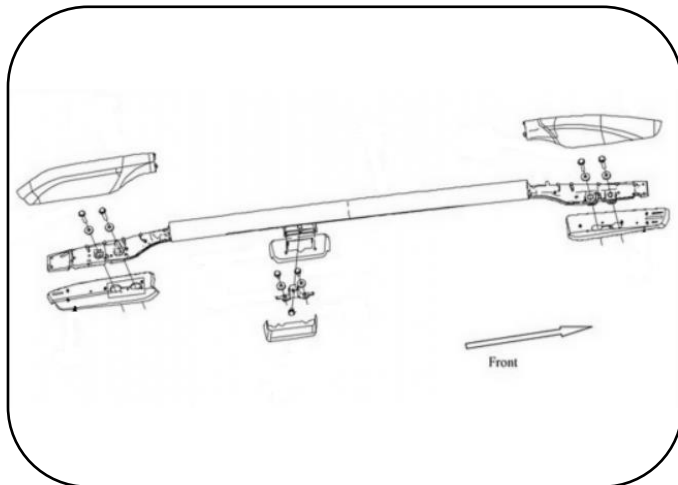


**NOTE: BE VIGILANT WHEN INSTALLING, NOT TO DAMAGE OR SCRATCH THE VEHICLE'S BODY OR ROOF. THIS VEHICLE CAN EASILY BE DAMAGED OR DENTED WITH TOOLS, THE RACK OR EVEN ELBOWS.**



## 2. PREPARE

FIGURE 2.1



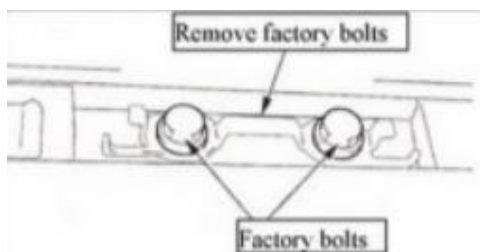
### STEP 1

Remove the OEM roof rails from the vehicle.

Simply pull on the plastics to expose the bolts.

Use fig.2.1 as reference.

FIGURE 2.2

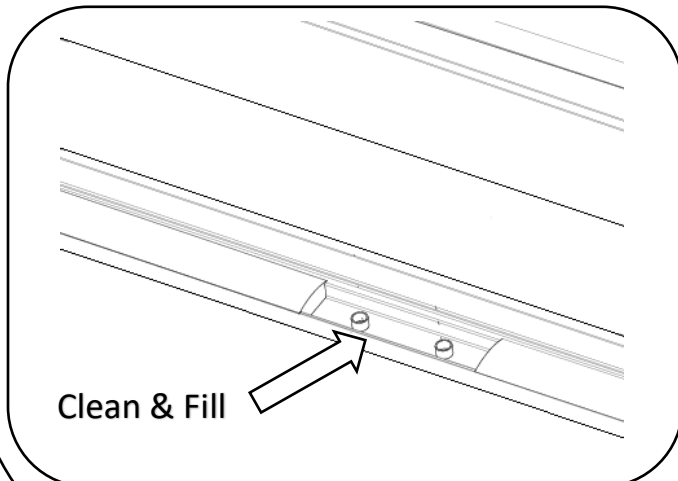


### STEP 2

Remove all bolts and take off the OEM roof rails. Put them aside and store in a safe place.

Fig 2.2 is for reference.

FIGURE 2.3



### STEP 3

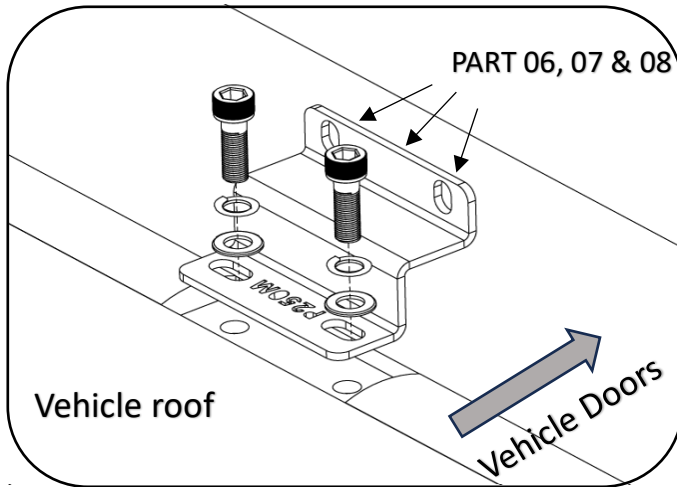
With the ditch exposed, clean area well around all 6 holes with alcohol based cleaner. Use a cloth to wipe away any unwanted debris.

After cleaning, make sure area is dry. Apply sealant around all the holes.



## 2. FIT & SECURE

FIGURE 2.4

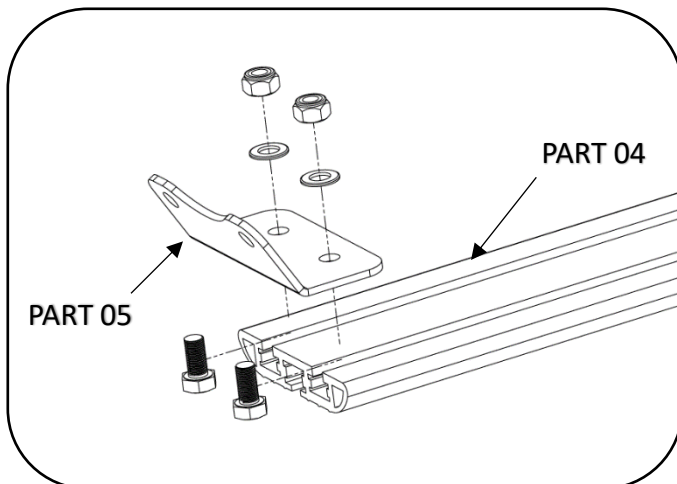


### STEP 4

Using "PARTS 06, 07 & 08", fasten to the roof onto sealant applied in previous step. Fully fasten with 2 x M8 Cap Screws, 2 x M8 Spring Washers and 2 x M8 Washers on each part.

Fasten FRONT, MIDDEL and REAR Brackets (Indicated on bracket).

FIGURE 2.5

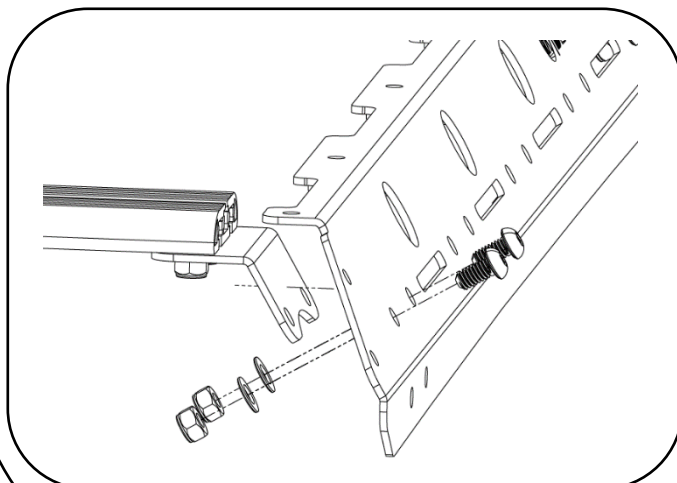


### STEP 5

Turn all 8 x "PART 04"s over and align "PART 05" as shown in Fig 2.4, lightly tighten bolts and nuts. Do this on both ends of "PARTS 04"

Fasteners used: 4 x (M8 x 16 Hex Bolts), 4 x (M8 Washers) and 4 x (M8 Lock Nuts). [PER PART 04]

FIGURE 2.6



### STEP 6

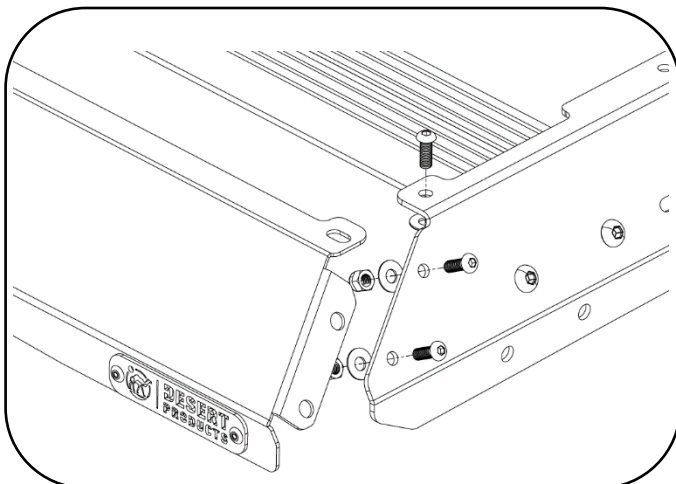
Fasten "previous assembly" to "PART 01" & "PART 02" with 2 x (M8 x 16 Button heads), 2 x (M8 Washers) and 2 x (M8 Lock Nuts) on each side. Repeat process on all 8 load bars.

See Fig 2.6 for reference.



## 2. FIT & SECURE

FIGURE 2.7



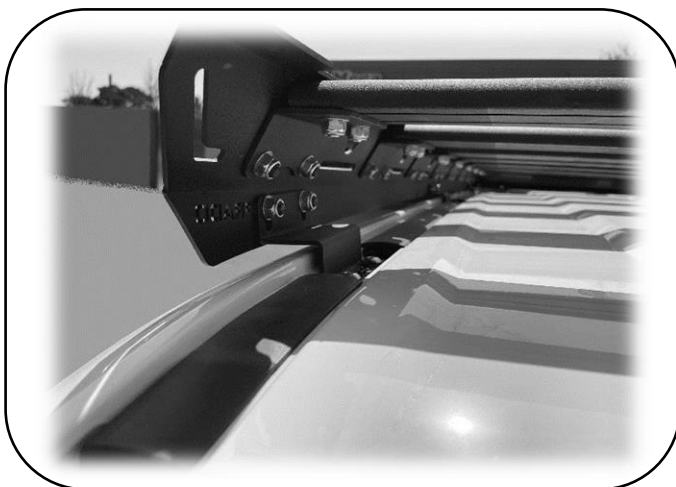
### STEP 11

Fasten "Wind Deflector" to the rack already assembled in previous step.

Fasten with 2 x (M6 x 16 Button Head), 2 x (M6 Washer) and 2 x (M8 Lock Nut) AT THE TOP.

And fasten with 4 x (M6 x 16 Button Head), 4 x (M6 Washer) and 4 x (M8 Lock Nut) ON THE SIDES.

FIGURE 2.8



### STEP 12

Finish off by installing the Modular Roof Rack onto your vehicle.

Ask your friend to help by lifting the Roof Rack and placing it on the roof, holding it in place and lining up the holes with mounting brackets installed in step 4.

Fasten with 12 x (M8 x 16 Button Heads), 12 x (M8 Washers) and 12 x (M8 Lock Nuts).

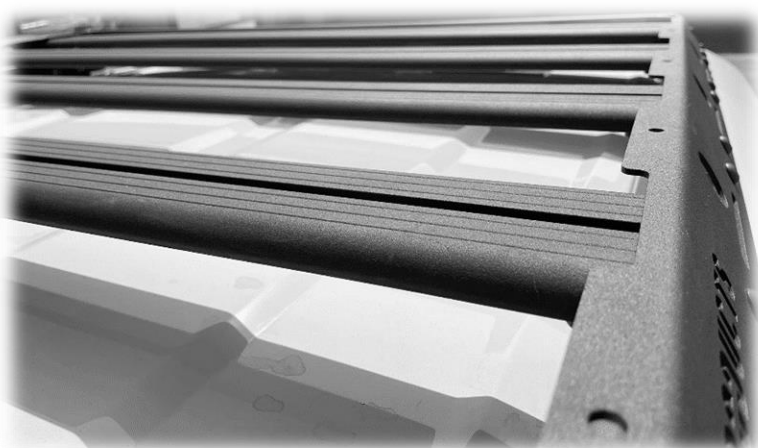
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## GALLERY



## SPECIFICATIONS

DETAILS		
1	Flat Rack ( Size )	1200mm x 1800mm x 130mm
2	Flat Rack ( Part Number )	DES/DFR/PRA250
3	Flat Rack ( Weight )	9 kg
4	MAXIMUM WEIGHT TO CARRY	100kg on 3 cross bars



**Congratulations! All done. Enjoy your work!**

