

**THANK YOU FOR PURCHASING A VAN GUARD TRADE VAN RACKING UNIT**

## TOOLS REQUIRED

TAPE MEASURE X1



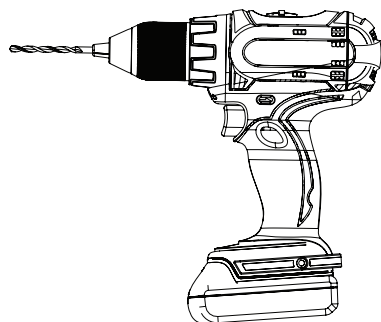
SPANNER (10MM / M6) X 2



SPANNER (13MM / M8) X 2



DRILL (Ø8.5) X 1



ONE PERSON



FITTING TIME  
(APPROXIMATELY)



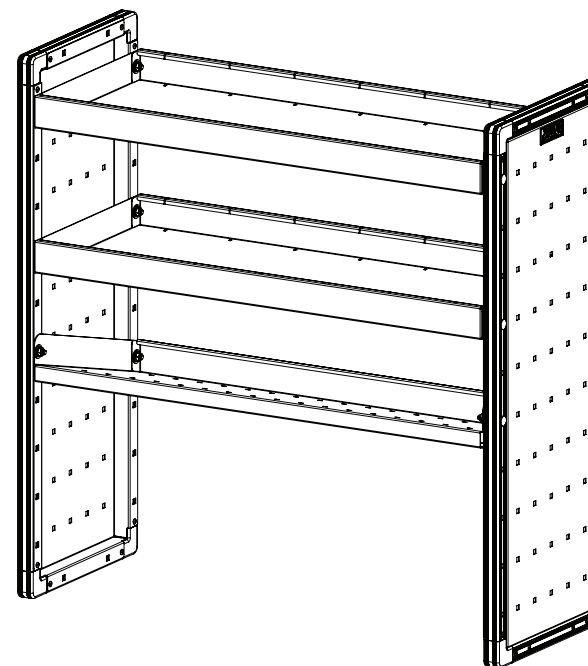
## CAUTION



**It is important that care is taken when drilling and fixing to your vehicle.**

You should note that it is the responsibility of the installer/s to ensure that when drilling holes in to your vehicle to take fixings, care must be taken to ensure that the fuel line, tyres, fuel tank, wiring loom, exhaust, bodywork and brake lines etc. are not damaged.

**If in doubt refer to the vehicle manufacturer's dealership.**



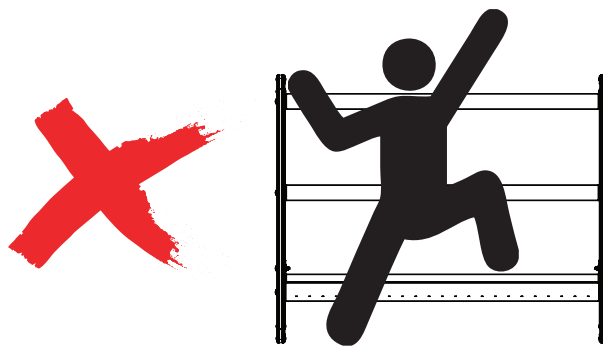


PLEASE TAKE THE TIME TO READ THROUGH THE IMPORTANT INFORMATION BELOW BEFORE PROCEEDING TO FIT THIS PRODUCT

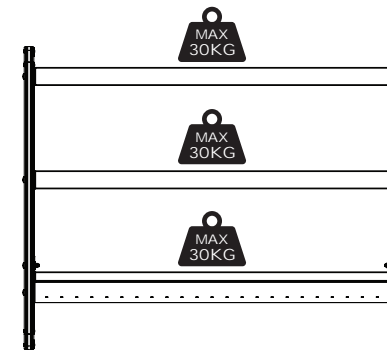


FAILURE TO TAKE NOTICE OF THE FOLLOWING INFORMATION MAY RESULT IN SERIOUS INJURY AND / OR DAMAGE TO THE VEHICLE.

1. You should note that it is the responsibility of the installer/s to ensure that when drilling holes in to your vehicle to take **fixings, care must be taken to ensure that the fuel line, tyres, fuel tank, wiring loom, exhaust, bodywork and brake lines etc.** are not damaged. If in doubt refer to the vehicle manufacturer's dealership.
2. **When fitting the unit to the side of a vehicle we recommend that the fixing brackets are fixed to the inner steel skin of the vehicle.** Fixing to a plywood lining alone is not adequate.
3. **When fixing to the side of a vehicle, care should be taken to ensure there is sufficient room between the inner and outer skin, so as not to puncture the outer skin of the vehicle.**
4. When drilling, use as short a drill bit as possible to prevent damaging the vehicle. Use corrosion protection when drilling.
5. **Regularly inspect all fixings and parts. Any damaged or worn parts should be immediately removed the vehicle and replaced.**
6. **We recommend this product is only fitted to vehicles with a full bulkhead.**
7. **This product must be fixed in place, even if it is not to be fitted inside a vehicle.**



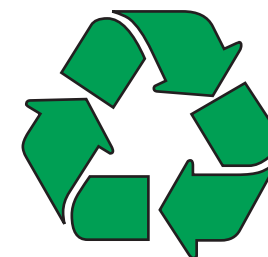
Do not climb or stand on the assembled unit.



Do not exceed the maximum weight limit of 30KG per shelf.



Wear the appropriate protective equipment (safety glasses & gloves) while fitting this product.



Dispose of packaging materials responsibly - Do not dispose until you have checked all parts and fixings are present.



Retain these fitting instructions for future reference.



It is important that the end user receives this instruction even if they are not the fitter.



WE ADVISE OPENING EACH FIXING KIT WHEN INSTRUCTED AT THE RELEVANT STEP

### **KT5447**

SHELF FIXING KIT

FX4011 **X4**  
(M8 FLANGE NUT)



FX4040 **X4**  
(M8 WASHER)



FX4138 **X4**  
(M8X50 COACH BOLT - BLACK)



ME0918 **X2**



ME0919 **X4**



ME0920 **X2**



### **KT5449**

FIXING KIT A

FX4002 **X6**  
(M8 NYLOC NUT)



FX4011 **X4**  
(M8 FLANGE NUT)



FX4040 **X16**  
(M8 WASHER)



FX4048 **X4**  
(M8X50 COACH BOLT)



FX4140 **X6**  
(M8X50 HEX BOLT)



### **KT5450**

FIXING KIT B

FX4011 **X8**  
(M8 FLANGE NUT)



FX4040 **X8**  
(M8 WASHER)



FX4048 **X4**  
(M8X50 COACH BOLT)



FX4141 **X4**  
(M8X16 COACH BOLT)



### **KT5451**

FIXING KIT C

FX4013 **X8**  
(M6 WASHER)



FX4016 **X8**  
(M6 FLANGE NUT)



FX4040 **X8**  
(M8 WASHER)



FX4061 **X8**  
(M6X14 HEX BOLT)



FX4142 **X8**  
(No14 3/4" SELF TAP SCREW)





## SHELF FIXING METHOD (PAGE 1 OF 1)

- 1.1** Open KT5447 (shelf fixing kit) - This fixing kit will be packed in the same box as the shelves (one fixing kit per shelf) and will provide the fixings required to assemble the shelves to the side panels. See page three for the parts included in this fixing kit.

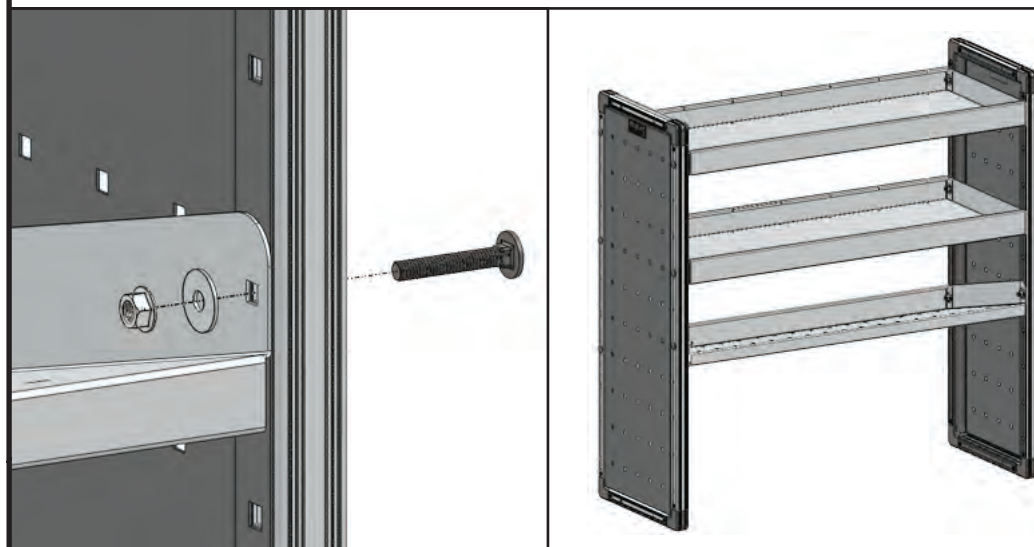


WE ADVISE OPENING EACH FIXING KIT WHEN INSTRUCTED AT THE RELEVANT STEP

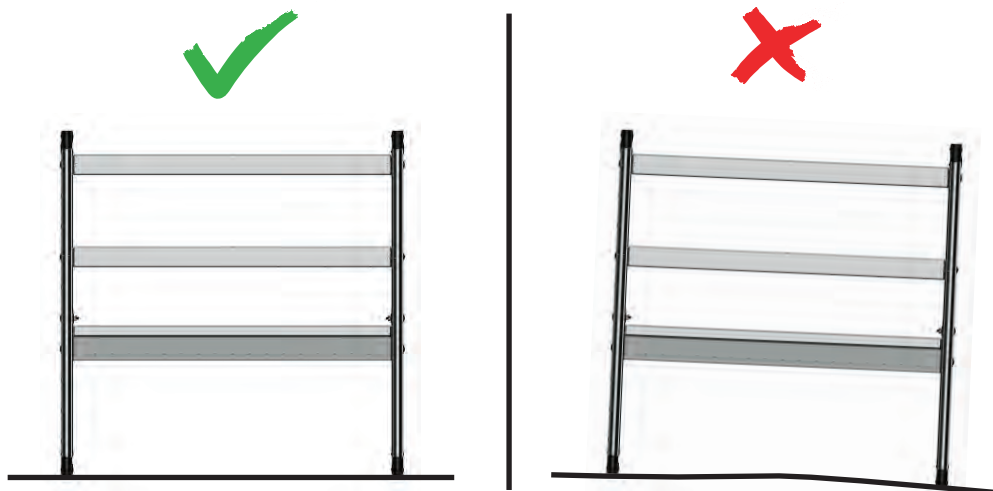
KT5447 SHIELD FIXING KIT	KT5449 FIXING KIT 1	KT5450 FIXING KIT 2	KT5451 FIXING KIT 3
FX4011 X4 (M8x1.25x10mm)	FX4002 X6 (M8x1.25x10mm)	FX4011 X3 (M8x1.25x10mm)	FX4013 X5 (M8x1.25x10mm)
FX4040 X4 (M8x1.25x10mm)	FX4011 X4 (M8x1.25x10mm)	FX4040 X5 (M8x1.25x10mm)	FX4016 X5 (M8x1.25x10mm)
FX4128 X4 (M8x1.25x10mm)	FX4040 X16 (M8x1.25x10mm)	FX4048 X4 (M8x1.25x10mm)	FX4040 X5 (M8x1.25x10mm)
ME0918 X2 (M8x1.25x10mm)	FX4048 X4 (M8x1.25x10mm)	FX4112 X4 (M8x1.25x10mm)	FX4081 X5 (M8x1.25x10mm)
ME0919 X4 (M8x1.25x10mm)	FX4140 X6 (M8x1.25x10mm)		FX4140 X6 (M8x1.25x10mm)
ME0920 X2 (M8x1.25x10mm)			

IN8231 - PAGE 1 OF 8

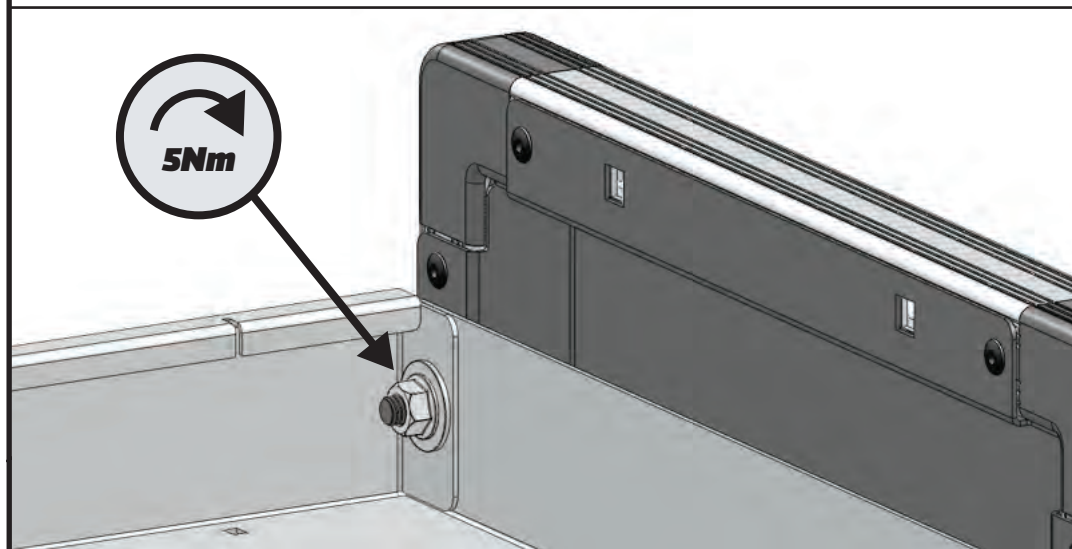
- 1.2** Loosely secure the shelves to the side panels using M8x50 coach bolts, M8 washers and M8 flange nuts.



- 1.3** Ensure the assembled unit is on a flat surface prior to tightening the fixings.



- 1.4** Tighten all fixings to 5Nm. Take care not to damage the unit by over tightening the fixings.

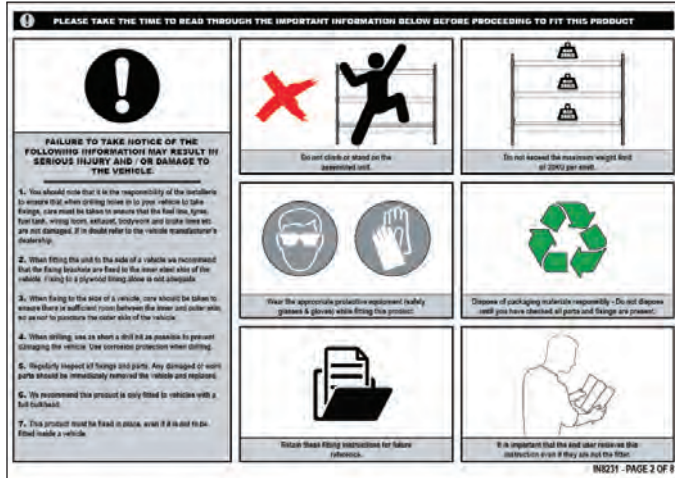






## RECOMMENDED FLOOR FIXING METHOD (PAGE 1 OF 2)

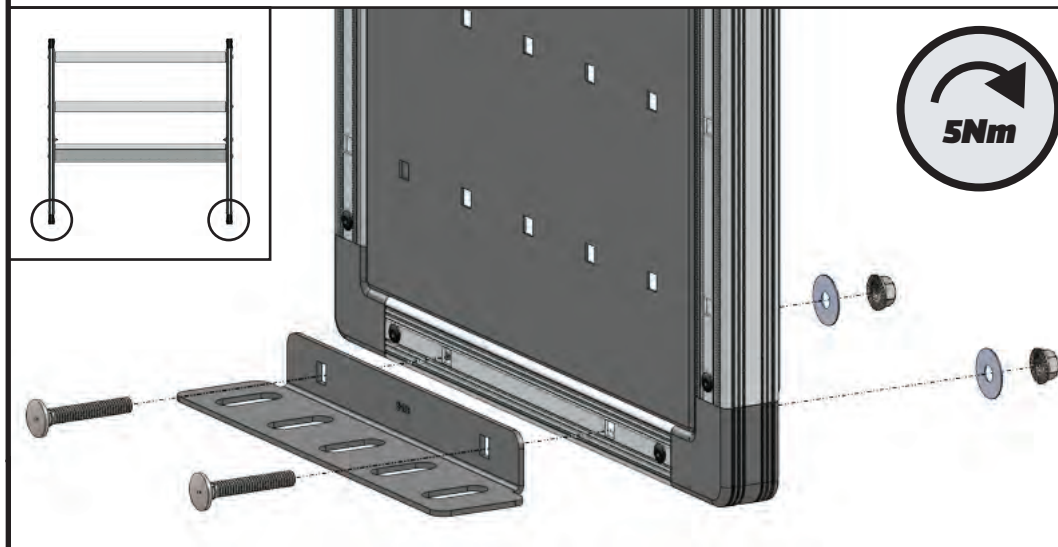
**2.1** The following steps list our recommended method for fixing the racking unit to the floor of a vehicle. Prior to proceeding past this point please take the time to read through the important notes on page two.



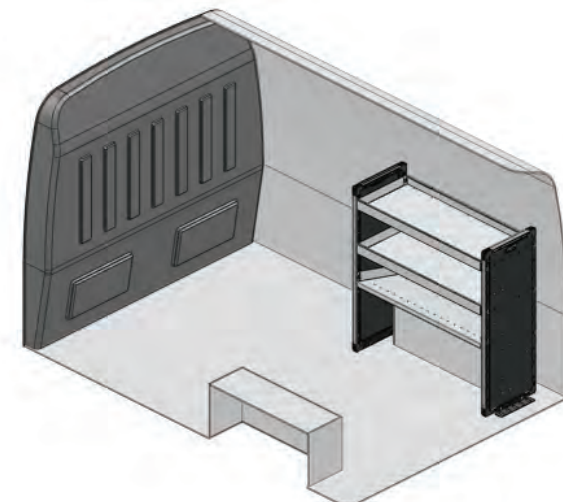
**2.2** Open KT5449 (fixing kit A) - This fixing kit will provide the fixings to fix the unit to the floor of a vehicle. See page three for the parts included in this fixing kit.



**2.3** Secure the floor brackets (ME0918) to the side panels using M8x50 coach bolts, M8 washers and M8 flange nuts. Tighten to 5Nm. Take care not to damage the unit by over tightening the fixings.



**2.4** Position the unit inside the vehicle in desired position.





## 2.5



### CAUTION



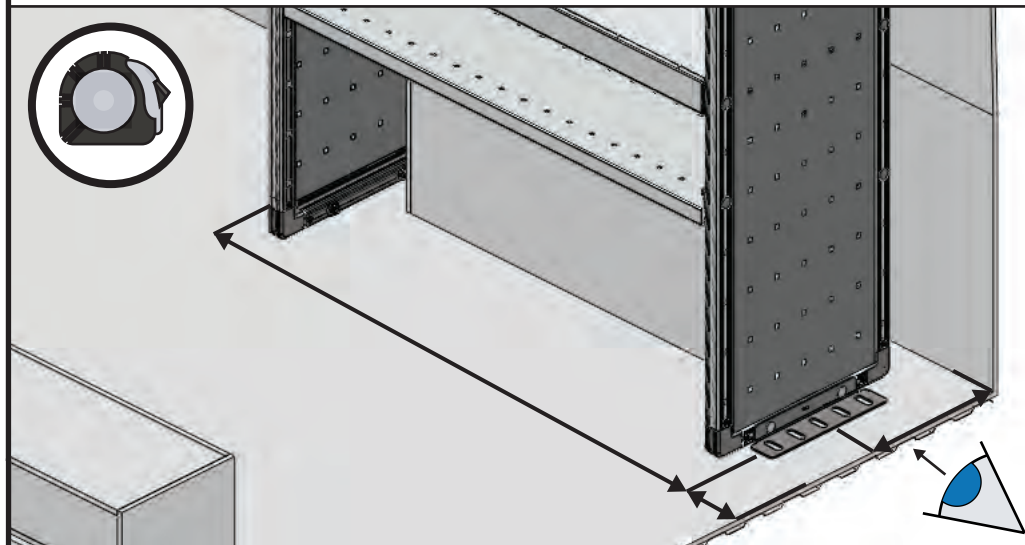
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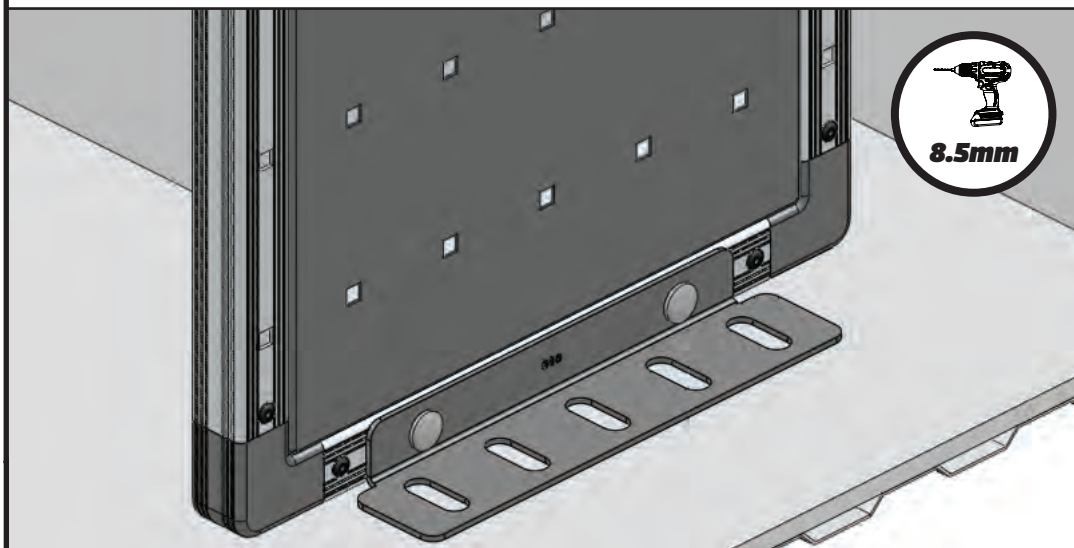
## 2.6

Measure from the side and rear of the vehicle and note down the positions of the floor brackets. Use the same measurements underneath the vehicle to check that the underside is clear of any obstructions so drilling can take place.



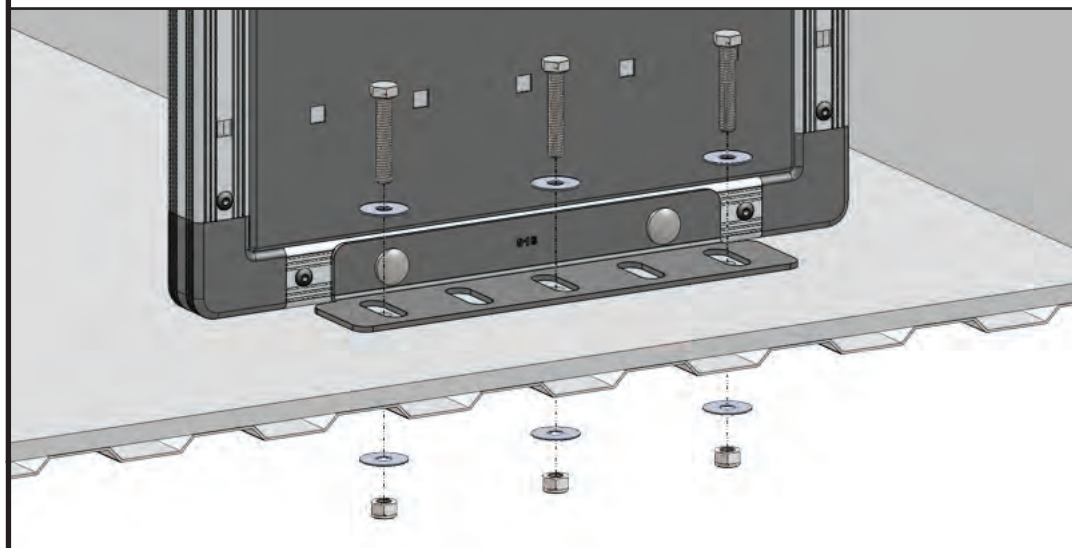
## 2.7

After ensuring the area under the floor bracket / vehicle floor is free from obstruction, mark the hole centres of the fixing slots. Move the unit to one side and drill Ø8.5mm through the floor of the vehicle (three positions for each bracket).



## 2.8

Bolt down through the floor brackets using M8x50 hex bolts and M8 washers, secure under the vehicle using M8 washers and M8 nyloc nuts.





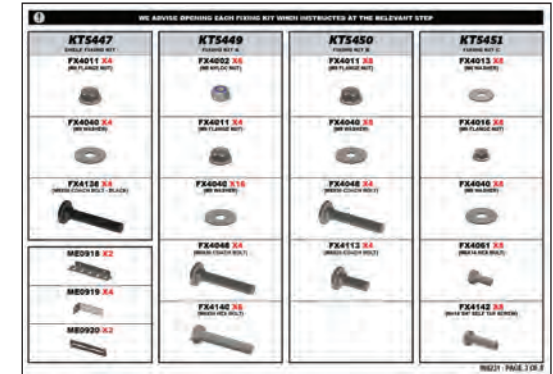


## RECOMMENDED SIDE FIXING METHOD (PAGE 1 OF 2)

**3.1** The following steps list our recommended method for fixing the racking unit to the side of a vehicle. Prior to proceeding past this point please take the time to read through the important notes on page two.



**3.2** Open KT5450 (fixing kit B) & KT5451 (fixing kit C) - These fixing kits will provide the fixings to fix the unit to the side of a vehicle. See page three for the parts included in these fixing kits.



**3.3** Each side panel requires 2x fixing brackets as shown in FIG.1. Secure the fixing brackets (ME0919) to the unit in the required positions using M8x50 coach bolts, M8 washers and M8 flange nuts as shown in FIG.2. **Take care not to damage the unit by over tightening the fixings.** Ensure the fixing brackets are positioned to pick up on the inner steel skin of the vehicle and are not against the outer skin. If required an extension bracket can be used as shown in FIG.3.

FIG.1

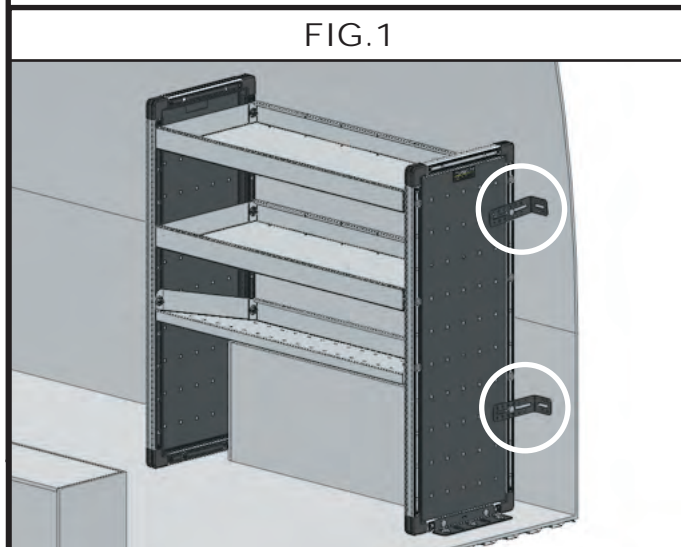


FIG.2

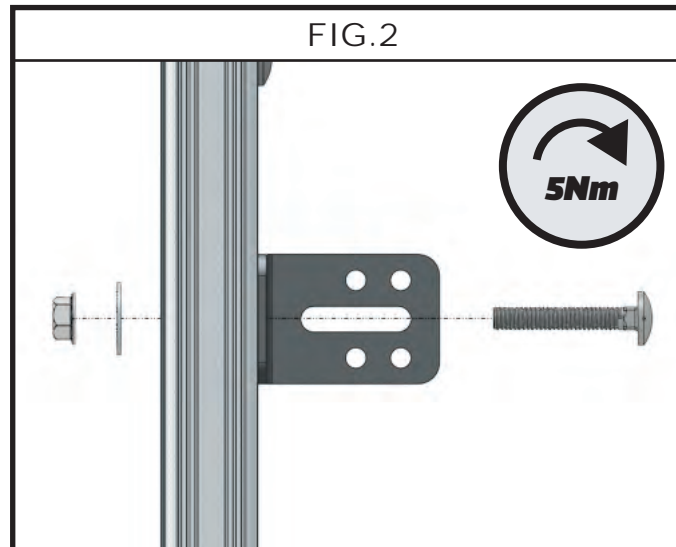
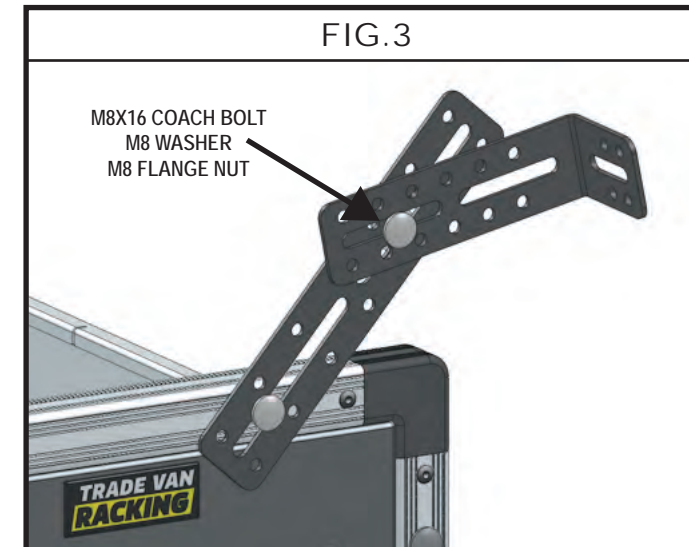


FIG.3





### 3.4



## CAUTION



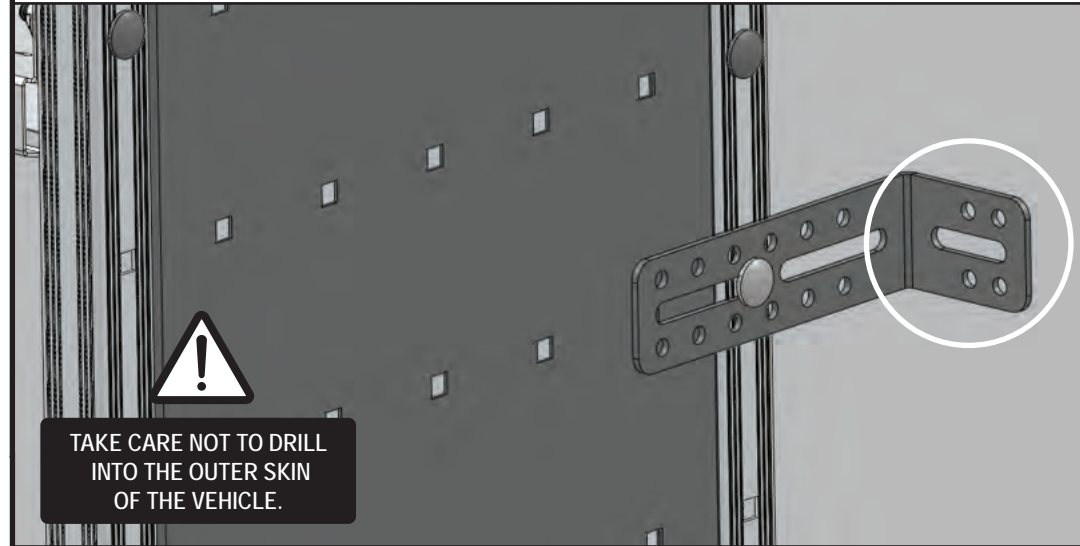
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**If in doubt refer to the vehicle manufacturer's dealership.**

### 3.5

Check the positions behind the fixing brackets are free from obstruction (wiring looms / electrical wires etc.). Once checked carefully drill through the fixing bracket holes using a suitable drill bit for the fixing.



### 3.6

Secure the fixing brackets to the side of the vehicle using M6x14 hex bolts, M6 washers and M6 flange nuts.

