



DRAWER SYSTEMS

Part Number: **PR250FK**

Product Description: **DRAWER INSTALLATION KIT (IK) AND FITTING KIT (FK)**

Suited to Vehicle: **TOYOTA PRADO 250 2024 ON**

WARNING

- ◆ Care must be taken to ensure the vehicle is not damaged.
- ◆ Some parts of this operation require a 2-person lift.
- ◆ This product must be installed exactly as per these instructions using only the hardware supplied
- ◆ These instructions are correct as at the publication date
- ◆ During installation, it is the duty of the installer to check correct operation/clearances of all components
- ◆ Work safely at all times

ARB 4x4 ACCESSORIES

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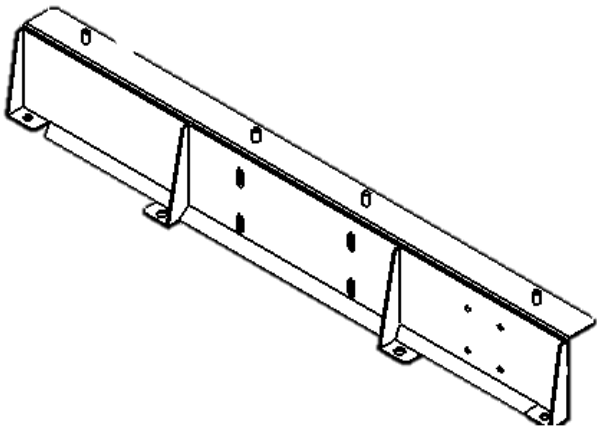
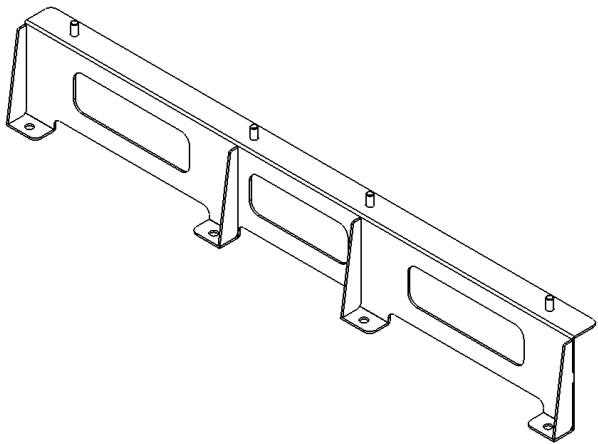
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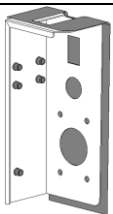
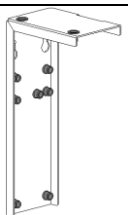
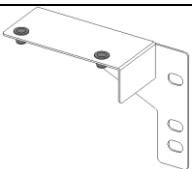
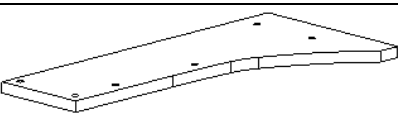
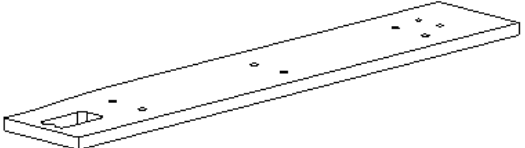
REQUIRED TOOLS FOR FITMENT OF PRODUCT:

Phillips head screwdriver	Trim removal tools
Spanner set	Socket set
4mm allen key	General hand tools
Safety Knife	

PARTS LIST – INSTALLATION KIT (IK)

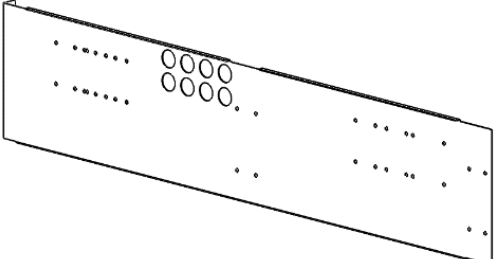
PART		
	X1	Front Drawer Mount Bracket
	X1	Rear Drawer Mount Bracket

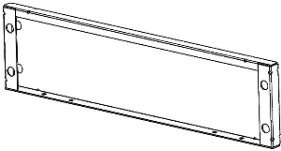
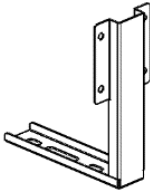
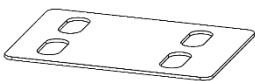
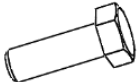






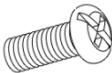
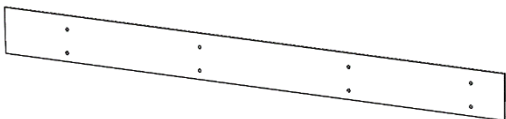
PARTS LIST – FITTING KIT (FK) FOR ALL MODELS

PART	QTY	DESCRIPTION
	8	NUT M10 NYLOC
	8	WASHER M10 FLAT
	8	BOLT M6 X 12
	6	SCREW M6 X 16 (BLACK)
	4	SCREW CSK M6 X 20 (BLACK)
	1 X LH 1 X RH	SIDE FILL PANEL - ASFP
	1 X LH 1 X RH	SIDE BRACKET - SBRK
	1 X LH 1 X RH	FRONT BRACKET - FBRK
	1 X LH 1 X RH	SIDE FLOOR REAR
	1 X LH 1 X RH	SIDE FLOOR FRONT

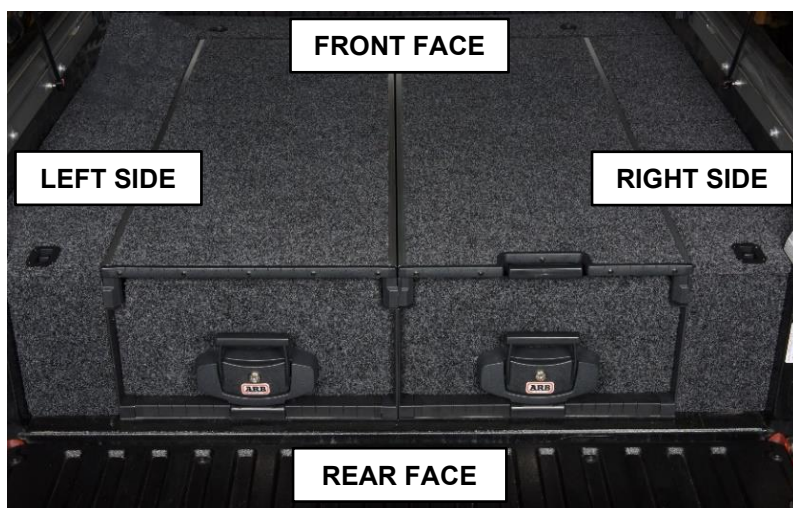
PARTS INCLUDED IN SUPPLEMENTARY RFFKADP KIT

Required if fitting RF or RFH roller floor

	1	ADAPTOR PANEL - ADP
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	1	BARRIER END PANEL - BEP
	2	ADP SUPPORT BRACKET
	1	PLATE JOINER
	4	BOLT M8 X 25
	4	M8 FLAT WASHER
	4	M8 SPRING WASHER
	4	BOLT M6 X 12
	12	NUT M6 NYLOC
	4	M6 X 12 LOW HEAD SCREW
	4	M6 NYLOC (BLACK)
	12	M6 X 16 SCREW (BLACK)
	1 X TALL 1 X SHORT	CECC CARPET PANEL (SHORT)

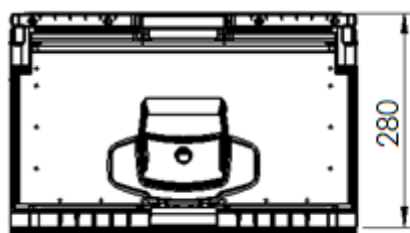
NAMING CONVENTION FOR DRAWERS



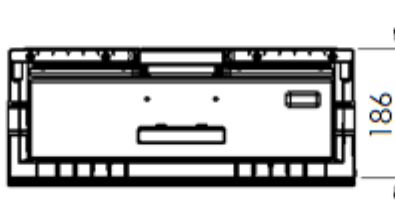
Drawers naming convention is defined from the point of view of the driver.

Front faces of drawers are closest to the front of the vehicle

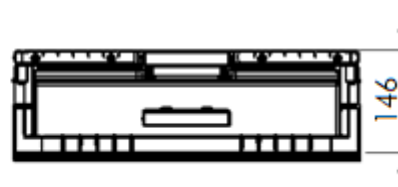
The rear face of the drawers is closest to the tailgate/rear of the vehicle.



RD / RDRF / RDK



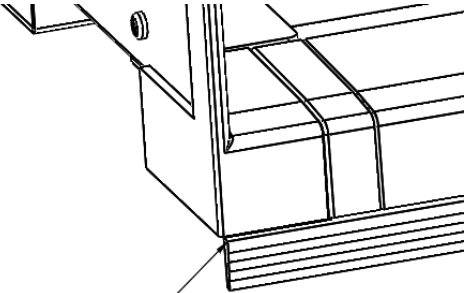


RFH



RF

Drawer	External height (mm)
RD – ROLLER DRAWER (FIXED TOP)	280
RDRF – ROLLER DRAWER ROLLER FLOOR	280
RDK – ROLLER DRAWER KITCHEN	280
RFH – MID SIZED ROLLER FLOOR	186
RF – ROLLER FLOOR	146

Section 1: Drawer preparation
Section 2: Drawer mounting preparation
Section 3: Adaptor panel installation
Section 4: Vehicle preparation
Section 5: IK installation
Section 5: Accessory installation
Section 6: Drawer installation
Section 7: Reassembly
Section 8: Floor panel installation

DRAWER PREPARATION	
 <p>REMOVE LOWER TRIM</p>	<p>Remove lower trim section.</p> <p>Lift up the small flap on the lower trim attached to the lower part of the drawer opening. Using a sharp knife cut along the small hinge strip to remove the flap.</p>
	<p>To remove fixed top.</p> <p>Using a 4mm allen key remove the countersunk setscrews along both sides of the floor.</p> <p>Retain hardware for reinstallation.</p>
	<p>Remove roller floor top.</p> <p>Optional: It's recommended to complete this step for better accessibility during drawer installation.</p> <p>Using a Phillips head screw driver, remove the 4 x screws (2 per side) retaining the roller floor stops.</p> <p>Roll the floor out clear of frame. The floor stops will fall free.</p> <p>Retain stops and hardware for reinstallation.</p>



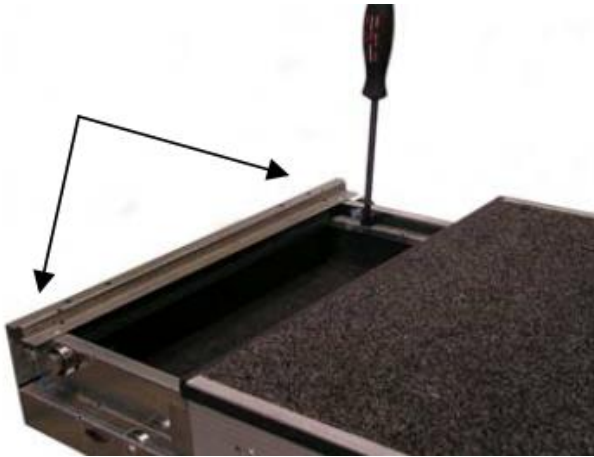
Remove full height drawer (RD, RDK, RDRF).

Working from inside the drawer, remove the 4 x M6 bolts (2 per side) towards the front of the drawer.

Roll the drawer out clear of frame. The drawer stops will fall free.

Retain stops and hardware for reinstallation.

Note: for RDK – Roller drawer kitchen, before installing into vehicle the kitchen module must be removed from drawer frame. Follow the fitting instructions supplied with the RDK module.

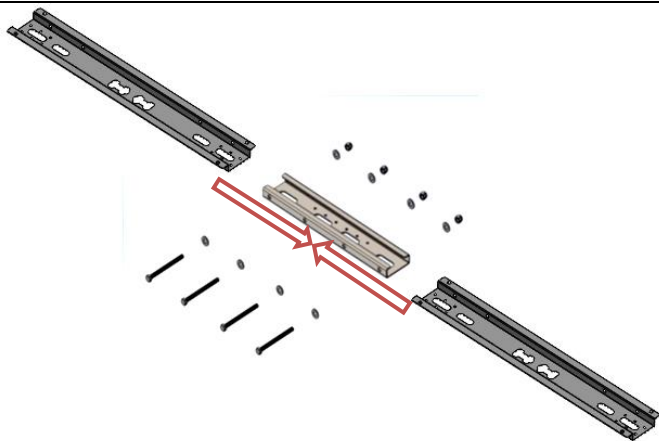


Remove half height drawer (RF and RFH).

With roller floor top removed or extended, use a Phillips head screw driver to remove the 2 drawer stops (1 per side).

Retain stops and hardware for reinstallation.

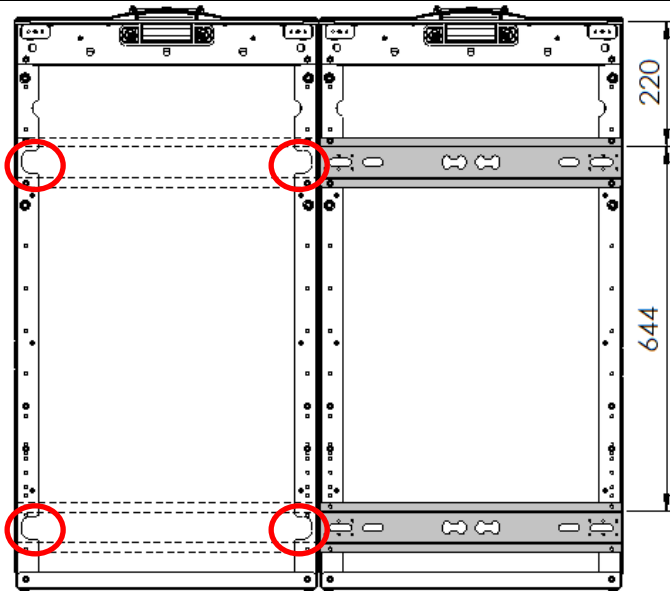
DRAWER MOUNTING PREPARATION (RD, RDRF, RDK)



Join top hats

Remove all top hats from the bottom of the drawers by removing the M6 bolts and nuts. Retain the bolts and nuts for reuse.

Using the joiner kits supplied with the drawers, connect together 2 sets of top hats for the front of the drawers and 2 sets of top hats for the rear of the drawers.



BOTTOM VIEW

Reattach joined top hats

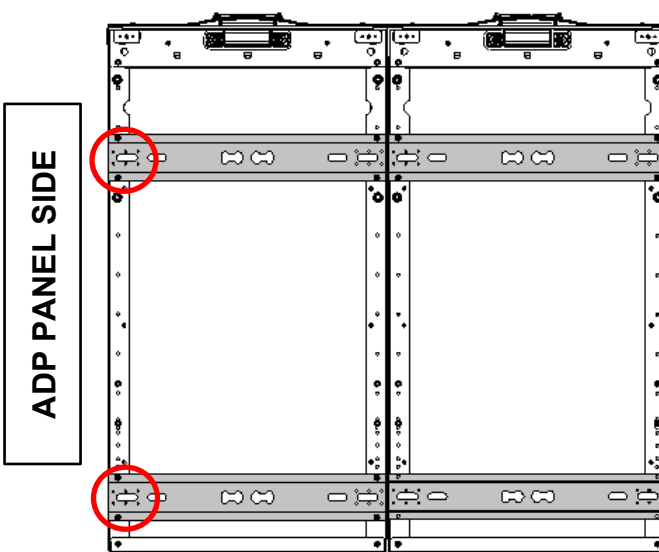
Reattach the joined top hats to the bottom of the drawers, ensuring they are located over the cutouts on the bottom of the drawer side panels.

On the image to the left one side of the top hat's has been removed (in the image only) to show the position of the cutouts.

Guide measurements to the trimmed edge on the drawer front are $\pm 3\text{mm}$.

If an adaptor panel kit is being installed with the drawers, leave the fasteners off the ADP panel side for the time being, see lower image. The next page shows which side the ADP panel will be on.

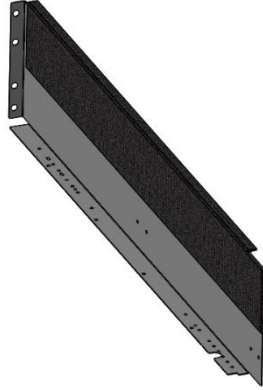
If fitting x2 full height drawers (RD / RDRF) it is recommend to further secure the drawers together using x3 M6x20 screws + nylocs from the drawer kit. The screws go through the centre hole in the diamond shaped black plastic spacers on the side of the drawers.



OPTIONAL: ADAPTOR PANEL INSTALLATION (RF, RFH)



LEFT



RIGHT

If you are not using an ADP panel move to “Vehicle Preparation”.

Confirm which side the ADP panel is being installed

At this point, determine whether the ADP panel is being installed on the left hand or right hand outer edge of the **RF or RFH** roller floor.



ADP panel preparation.

Determine whether the ADP panel is being installed with a **RF or RFH** roller floor. When being used with a RFH it is necessary to remove the small perforated strip of carpet (approx. 40mm wide) from the ADP panel to allow the roller floor to operate freely.

You will need a knife to cut the small joins in the perforated strip.

Using a solvent, clean any residual glue from the ADP panel.

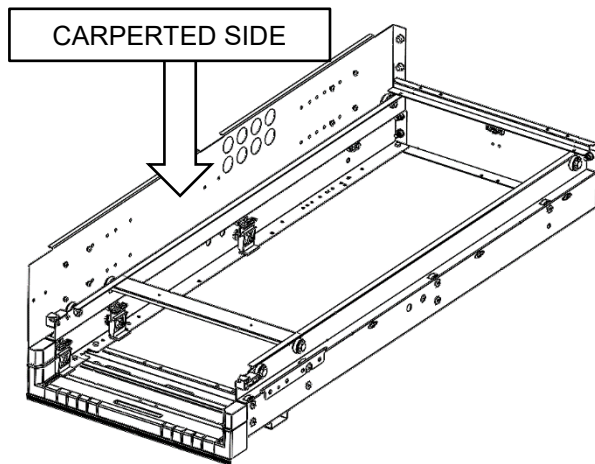
Note: do not remove this strip when installing a RF roller floor.



Remove the M8 bolts from the front face of the roller floor module.

RF modules have 2 bolts (shown).

RFH modules have 3 bolts.



LEFT HAND ADP EXAMPLE

ADP panel placement.

Place the adaptor panel on the outer edge of the roller floor module that is facing the outside of the vehicle.

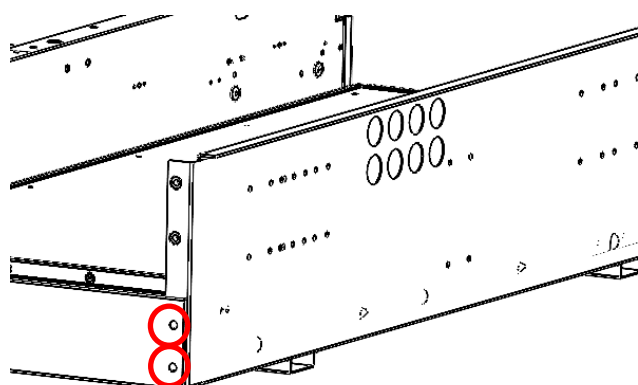
Note: carpet face of ADP panel will be facing towards drawers when installed correctly.



ADP panel placement.

Insert the bottom edge of the adaptor panel between the roller floor module and the top hat brackets.

Secure the panel to the roller floor module by re-installing the 4 x M6 bolt and nuts to the 2 x top hat brackets.

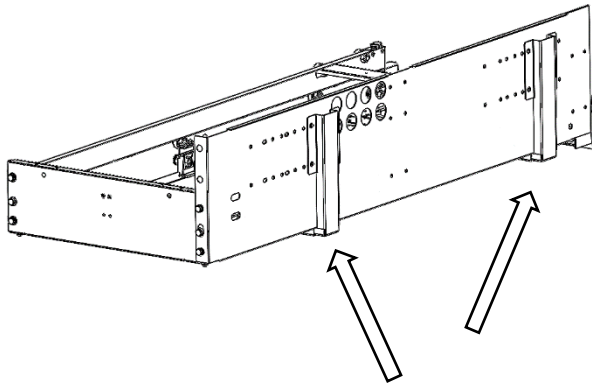


Refit front face bolts.

Secure the ADP panel to the front face of the drawer with the M8 bolts retained from prior.

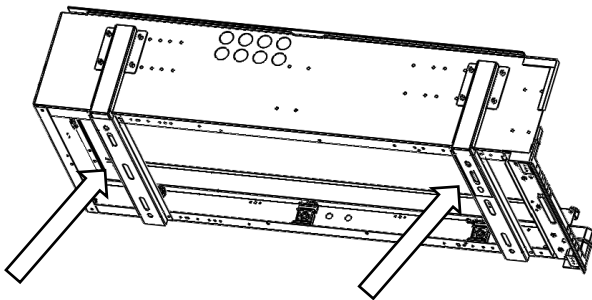
RF modules have 2 bolts.

RFH modules have 3 bolts.



ADP panel support brackets.

The adaptor panel is supplied with support brackets (DSARB0032) that are to be installed to the outer face of the panel. There will be multiple hole sets so that the support bracket can be aligned with and secured to the low profile top hat brackets that came installed on the base of the module.



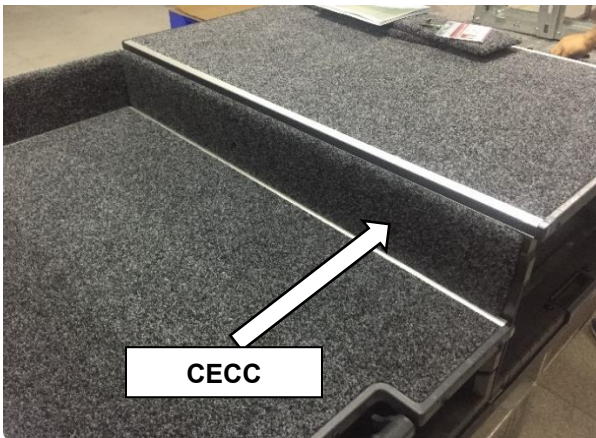
Position of ADP panel support brackets.

Insert the ADP support brackets inside the low profile top hats in the base of the roller floor module.

Secure each bracket to the ADP panel using 4 x M6 x16 screws (black) per bracket.

Secure each bracket to the corresponding top hat using 1 x M10 x 30 bolt + M10 washer and M10 nut. With the nut on the bottom side of the roller floor module. This will provide clearance for the drawer.

Align brackets with existing holes in ADP panel and piece holes through carpet.

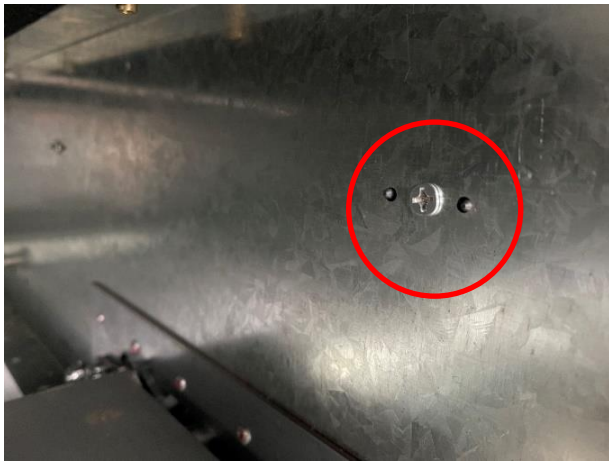


CECC carpet panel installation.

When using a full height drawer with a roller floor, use CECC panel to trim side of draw module. Align the holes in the CECC panel with the vacant holes that have a plastic bush inserted on the side of the draw. Secure to the drawer side using M6 x 16 screws and nuts.

When installing the CECC panel with RFH drawer only 4 x M6 x 16 (black) bolts are used in the 4 lower mounting holes only

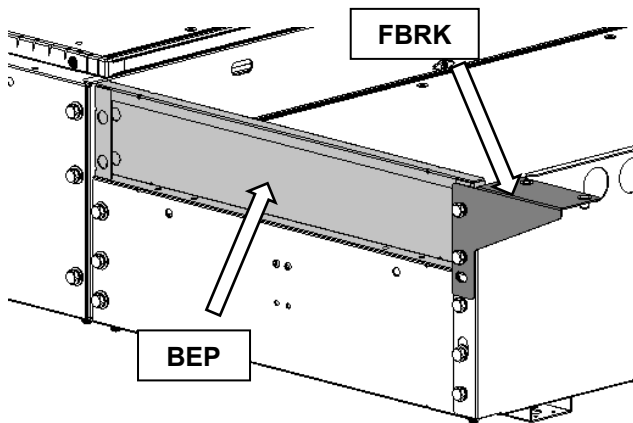
When installing the CECC panel with a Slide Kitchen the orientation of the fasteners is crucial. See next step.



IMPORTANT note for Slide Kitchen.

When using the CECC panel with a Slide Kitchen ensure that you use the 4 X SHORT M6 x 12 low head screws.

The screw head must be positioned inside the RDK cabinet to provide clearance to the sliding kitchen.

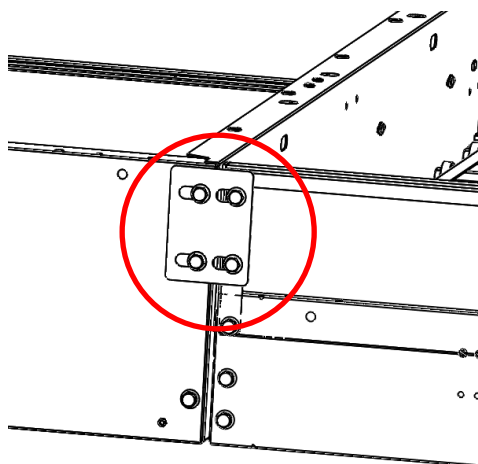


FBRK bracket and BEP panel.

Simultaneously install the following to the ADP panel using 2 x M8 bolts, washers and spring washers supplied in the kit.

- 1 x BEP barrier end panel
- 1 x FBRK front floor bracket

Note: For RFH roller floor module the suitable BEP panel is supplied in the RFH drawer kit.



Centre BEP panel.

Secure the barrier end panel to the other drawer in the centre using the joiner plate.

Remove the 2 x M8 bolts from the top of the drawer and use 2 x M8 x 25 bolts washers and spring washers from the kit to secure the BEP.

Note: If using 2 x roller floors the 2 BEP panels will be joined together.

VEHICLE PREPARATION – GENERAL STEPS

Take care when removing components not to crease / stress mark any plastics.

5 seat version

1. Remove all plastic panels in the rear of the vehicle. Retain tool kit mounting panel
2. Remove & retain the 8 bolts holding the battery pack guard. Remove guard

REAR COMPARTMENT READY FOR DRAWER INSTALLATION:



7 seat version

1. Remove rear plastic cargo box
2. Unclip & remove floor infill panels
3. Remove rear side trays by gently lifting them. Retain tool kit side for later installation.
4. Remove plastic cover at the rear of the seat.
5. Fold seats to the upright position
6. Remove all panels under the seat. Remove & retain the 4 mounting bolts
7. Disconnect the white electrical connectors from the seats. Remove & retain the 4 remaining mount bolts
8. With the help of a second person, remove the seats.

REAR COMPARTMENT READY FOR DRAWER INSTALLATION:



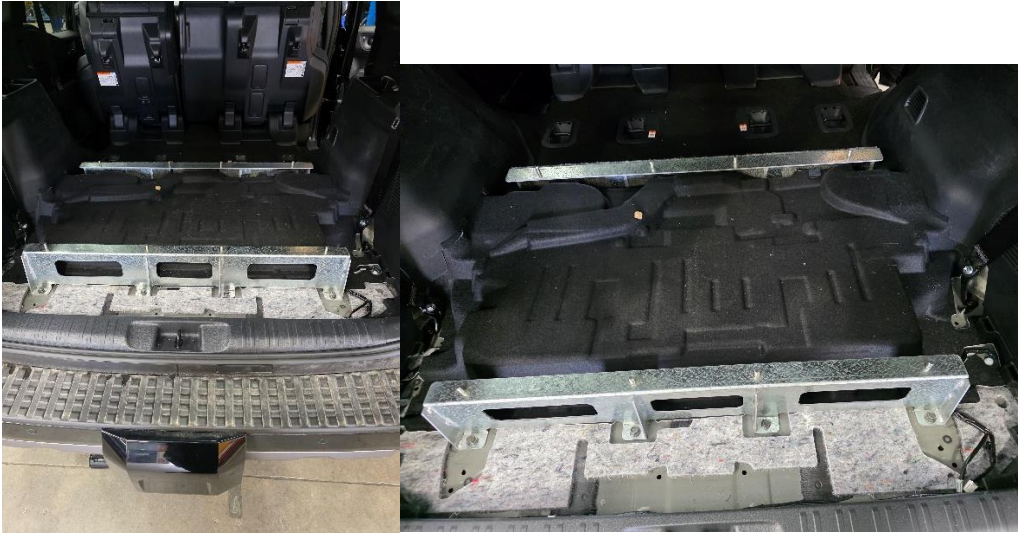
IK INSTALLATION

Installing the mounting brackets

Using the previously removed fasteners from the floor brackets (5 seat) or rear seats (7 seat), install the front & rear mounting brackets

Note: If accessories, such as air tanks or compressors are part of the installation, secure these to the mounting brackets before the mounting brackets are in the vehicle, see ACCESSORY INSTALLATION section for more information. Take care to ensure there is sufficient clearance between the accessory and the bottom of the drawers/vehicle floor.

Note: There is 18mm of clearance between the top of the mounting brackets and the bottom of the drawers (which is the height of the top hat).



Cut a small notch in the tool tray as pictured & reinstall



Install Facia Panel

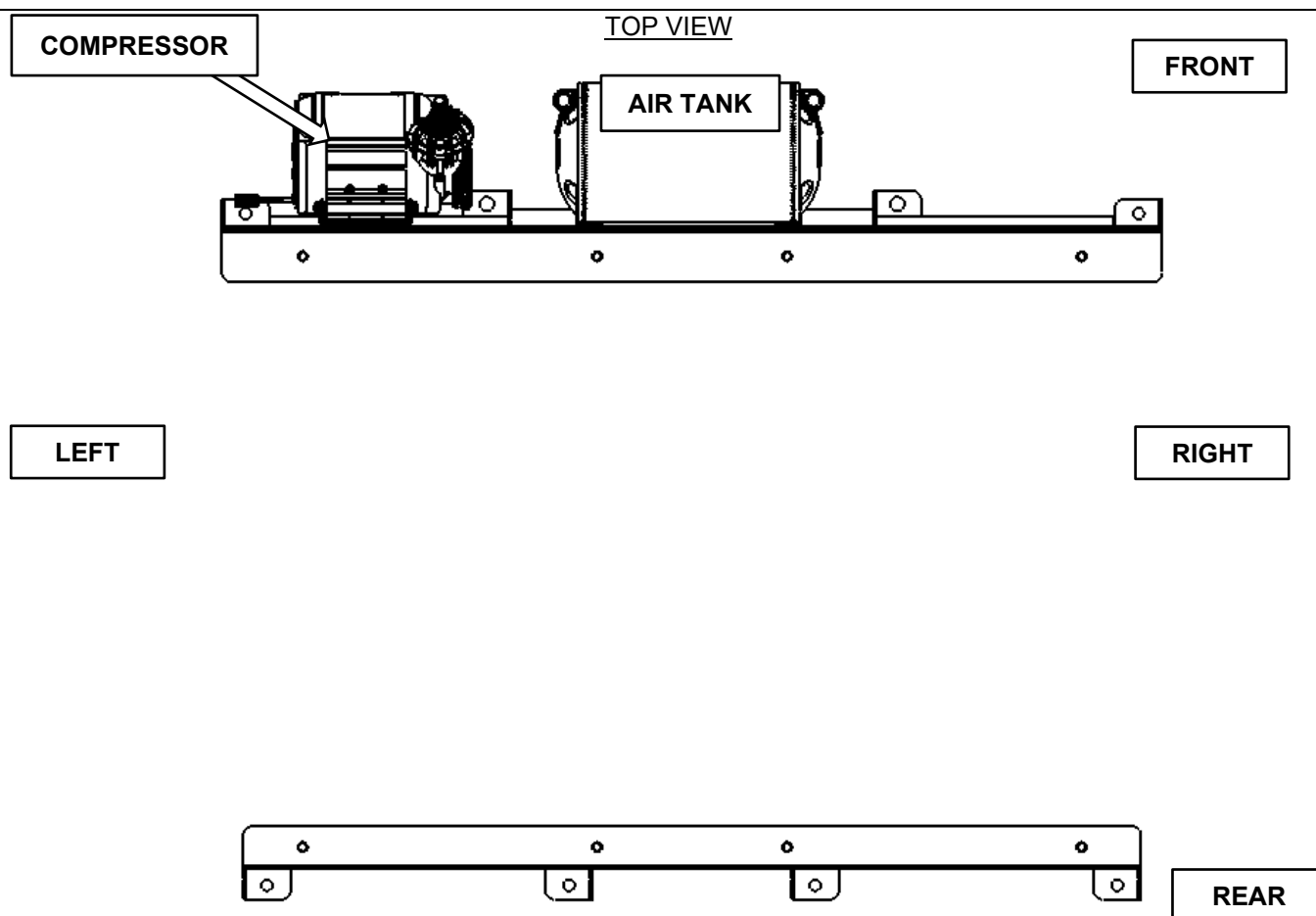
Drop facia panel over the studs on the rear drawer bracket.



ACCESSORY INSTALLATION

This section shows potential mounting locations and some general instructions for installing ARB accessories. Installation kit (IK) mounting brackets contain pre-existing holes for either single compressor or Air Tank or both. If either of these accessories are part of the drawer installation they should be installed now.

RECOMMENDED ACCESSORY LAYOUT



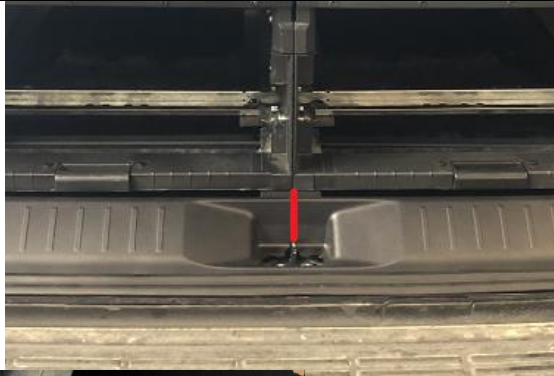
DRAWER INSTALLATION



Install drawers into vehicle

Note: It is recommended to apply a protective covering to the plastic wheel arch inside the rear compartment before positioning the drawer assembly onto the mounting brackets.

Using 2 people carefully lift the drawer frames into the rear of the vehicle.



Mounting hardware.

Centre the drawers in the vehicle by aligning the join in the drawers to the tailgate striker.

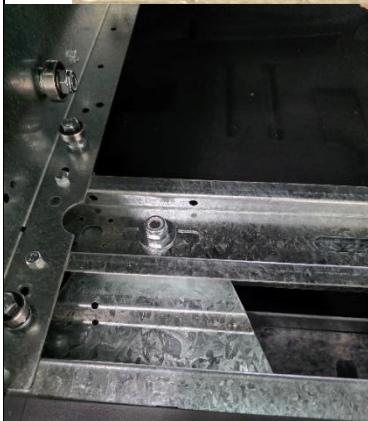
Bolt the frame of the drawers to the 2 mounting brackets using M10 nuts and washers supplied with the drawers

Start all nuts first, then proceed to tighten all bolts.



44Nm / 32lbft.

Remove any previously applied protective covering from the wheel arch.





Side floor brackets (RD, RDRF).

Slots on side brackets face towards rear of vehicle

Loosely fasten 2 M6 x 12mm bolts to the captive nuts midway along the drawer frame. Slide the slotted holes of the SBRK over the 2 M6 bolts.

From inside the cabinet insert another 2 x M6 x 12mm bolts into the lower holes in the SBRK.

Tighten all 4 bolts.



9Nm / 7lbft.

Note: for ADP installation, using the preexisting hole locations on the ADP panel; pierce all holes for installing M6 bolts.



Side floor bracket installation (RF, RFH).

Slots on side brackets face towards rear of vehicle

Install side floor support brackets onto side of ADP panel, 4 x M6x16 screws per bracket.



9Nm / 7lbft.

Note: Using the preexisting hole locations on the ADP panel; pierce all required holes for installing M6 bolts.

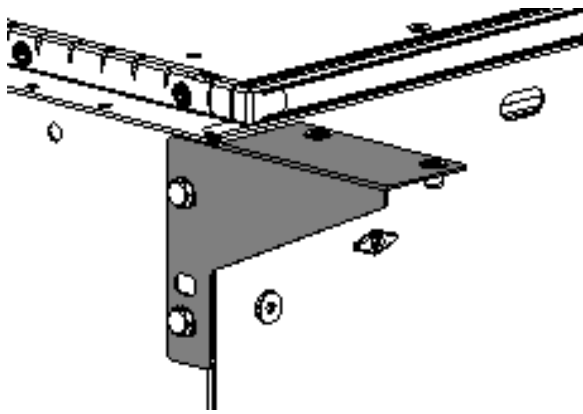


Side fill panels.

Position ASFP panel onto outside of drawer module. Secure the panel using 3 black M6 x 16mm phillips head screws supplied in kit.

For roller floor modules its only necessary to install the top 2 x M6 16mm screws.

Note: for ADP installation, using the preexisting hole locations on the ADP panel; pierce all holes for installing M6 bolts.

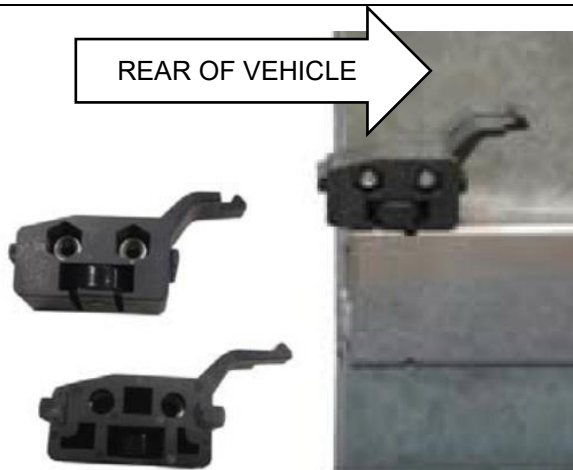


Front brackets

On both front corners of the drawers remove the top 2 x M8 bolts, washers and spring washers.

Place the Front Bracket (with the folded flat towards the rear of the vehicle) and secure with the same M8 bolts, washers and spring washers

REASSEMBLY



Reassembly of full height drawer.

Roll the drawers into the frame past the second bearing. Position drawer stops on top of the bearing rail on drawer body. Secure using original bolts.

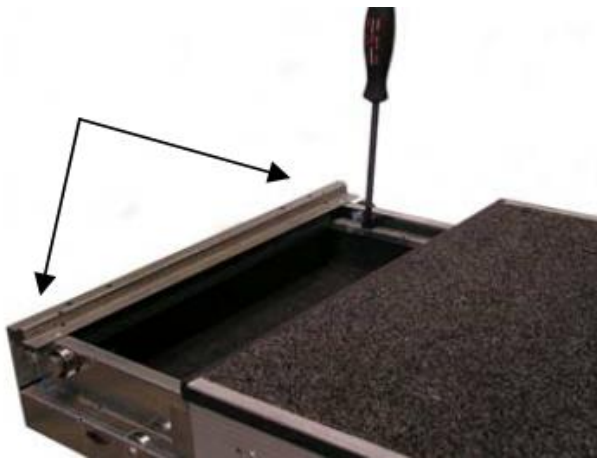
Drawer stops are left and right-handed. Note that the tail on the drawer stop faces the rear of the vehicle.



Reassembly of roller floor top.

Refit the roller floor into the drawer frame past the second bearing. Slide stops into place from the front end of the drawer. The bearings on the stops face the inside of the drawer.

Access holes are provided in the drawer frames to allow access to the screws.



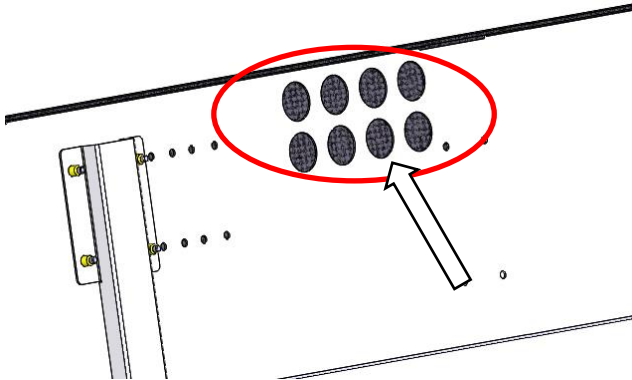
Reassembly of half height drawer.

With roller floor top removed or extended, use a Phillips head screw driver to reinstall the 2 drawer stops (1 per side).



Reassembly of fixed top.

Using a 4mm allen key secure the floor using the countersunk setscrews along both sides of the floor.



Ventilation holes.

If installing a fridge to the roller floor, it may be necessary to create extra ventilation if the fridges minimum clearances are not met.

This can be achieved by cutting the carpet out of the pre-cut holes in the adaptor panel.

FLOOR PANEL INSTALLATION



Fixed rear side floor.

Fasten Rear side floor section to the FBRK and SBRK brackets using 2 x black countersunk screws supplied in the kit.



Removable side floor installation.

Slide the locator clips into the SBRK bracket and then fasten the rear end down using the latch.

COMPLETED INSTALLATION EXAMPLE – (RD + RFH)

