

ROLLER DRAWER INSTALLATION TO ADR 34/02

Optional Extension Floor and Side Floor Kits are supplied separately for most vehicles.

NOTE:

Do not elongate any holes

Read and understand all instructions before proceeding

Throughout these instructions **rear* refers to **rear** of vehicle **front* refers to **front** of vehicle.

All Instructions are also available from your ARB Stockist.

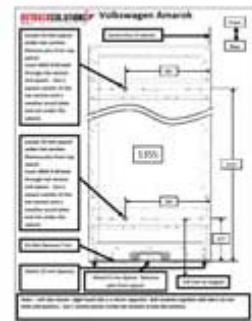
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1) FRAME PREPARATION:

1.1/-Locate the diagram at the end of the vehicle specific instructions.

Vehicle specific instructions are required for installation, Section II. Vehicle specific instructions are included with the optional side floor kit. Instructions are also available from ARB stockists.

This diagram is referred to as the *vehicle specific diagram* and provides measurements for mount rails and spacers used during the preparation and installation.



1.2/- The modules must be prepared for installation by temporarily removing drawers, trays, roller floor tops and fixed tops. Follow steps below.

HOW TO REMOVE FIXED TOP.

Using a 4mm Allen key, remove the fixed floor by removing the countersunk setscrews from both sides of floor.

Retain hardware for reinstallation.



HOW TO REMOVE ROLLER FLOOR TOP.

Using a Philips head screw driver, remove the four screws retaining the anti rattle roller floor stops.

Roll floor out clear of framework, floor stops will fall free. Retain stops and hardware for reinstallation.

There are stops on the left and right hand side.



HOW TO REMOVE DRAWER.

Working from inside the drawer, use a 10mm socket and ratchet to remove the four “anti rattle” Drawer Stop fastening bolts at the front of drawer.

Roll drawer out clear of framework, drawer stops will fall free. Use a clean rag wipe to clean off access shipping grease from bearings and drawer rails.

Retain stops and hardware for reinstallation.

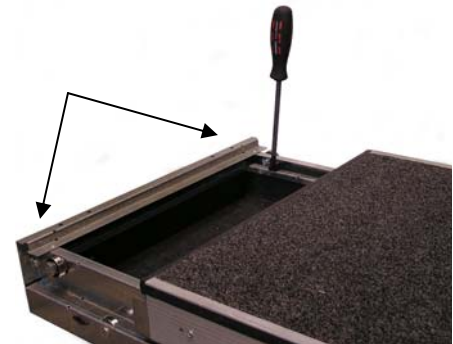
Frame not shown in image for clarity.



HOW TO REMOVE ROLLER FLOOR TRAY.

With roller floor removed or extended, use a Philips head screw driver and remove the two tray stops.

Note position and retain stops and hardware for reinstallation.

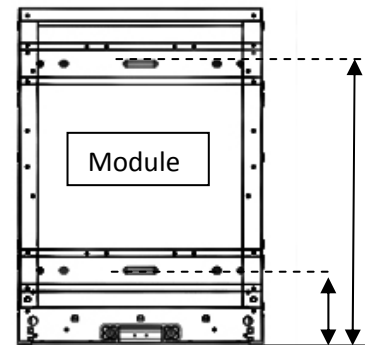


- Use measurements from the *vehicle specific diagram* for this step. The diagram is at the end of the vehicle specific instructions included with the optional side floor kit. Instructions are also available from ARB stockists.

1.3/- Position Mount Rails.

Working from the underside, measure from the outer edge of the rear plastic trim and mark along the bearing channels.

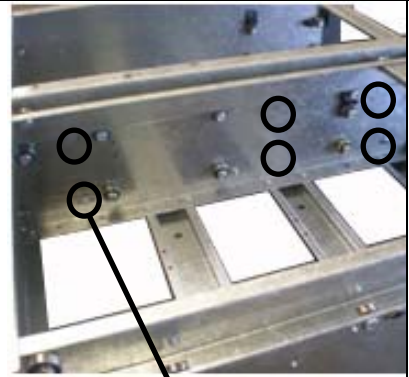
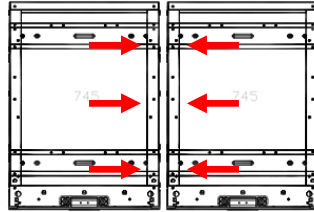
If required: remove and relocate front and rear Mounts Rails so centre line of rail is on marked measurement - refer detail drawing measurements.



Ensure bolts heads are inside and nuts are outside of framework.

1.4/- Attach Modules together.

Place modules side by side on a work surface. Use hardware from both module fit kits. Use 6mm flat washers under the heads of bolts and nyloc nuts.



DRAWER to DRAWER - Using six (6) 6mm x 20mm bolts, twelve (12) flat washers and six (6) nylock nuts, bolt through the six (6) sets of 6mm holes along top and bottom sides of bearing channels.

ROLLER FLOOR to DRAWER / ROLLER FLOOR - Using three (3) 6mm x 20mm bolts, six (6) flat washers and three (3) nylock nuts, bolt through the three (3) sets of 6mm holes along the sides of bearing channels.



The 6mm holes in the frame have two (2) plastic nipples protruding on either side.

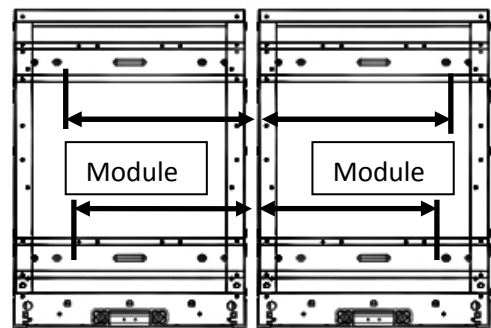
1.5/- LOCK MOUNT RAILS TOGETHER.

INSERT C SECTION JOINERS

Using a hammer, knock the “C” section Joiner Channels into the hat sections until both sides of the joiner protrudes evenly into each frame.



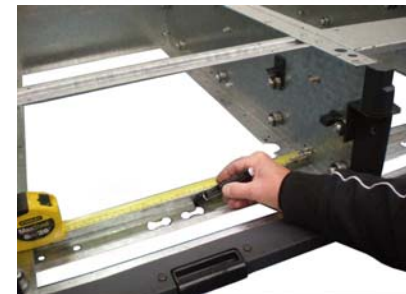
Use measurements from the *vehicle specific diagram* for this step. The diagram is at the end of the vehicle specific instructions included with the optional side floor kit. Instructions are also available from ARB stockists.



1.6/- Mark location for module to vehicle fastening bolts.

Measure and mark bolt down positions on top side of front and rear Mount Rails. Measure from the centre bearing channel and repeat for left and right modules.

Refer detail drawing for Mount Rail bolt down positions.



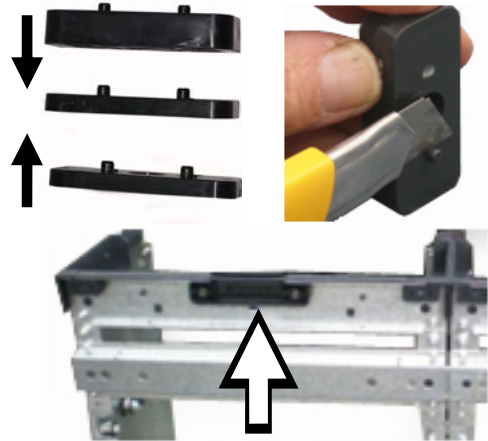


- Use measurements from item "E" of the *vehicle specific diagram* for this step. The diagram is at the end of the vehicle specific instructions included with the optional side floor kit. Instructions are also available from ARB stockists.

1.7/-Prepare two latch support spacers

Clip and knock together enough plastic spacers to form a stack height equal to the height specified in the vehicle specific diagram item E.). Remove pins from last of these spacers. Spacer thickness is marked on Individual spacers.

Attach spacers under Latch Lock insert.

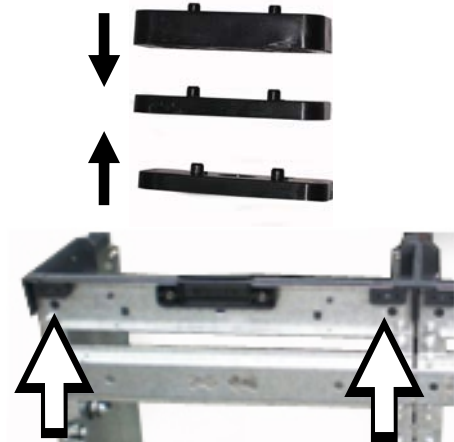


- Use measurements from item "C" of the *vehicle specific diagram* for this step. The diagram is at the end of the vehicle specific instructions included with the optional side floor kit. Instructions are also available from ARB stockists.

1.8/- Prepare four *rear corner support spacers.

Clip and knock together enough plastic spacers to form a stack height equal to the height specified in the vehicle specific diagram item C.). Do **NOT** remove pins from last of these spacers. Spacer thickness is marked on Individual spacers.

Fasten spacer blocks to module by knocking onto each parent spacer attached to *rear underside corners of framework.



- Use measurements from item "A" and item "B" of the *vehicle specific diagram* for this step. The diagram is at the end of the vehicle specific instructions included with the optional side floor kit. Instructions are also available from ARB stockists.

1.9/- Prepare four Mount Rail support spacers.

Clip and knock together enough plastic spacers to form a stack height equal to the height specified in the vehicle specific diagram item A.) and item B.). Remove pins from last of these spacers. Spacer thickness is marked on Individual spacers.

These spacers will be placed under the mount rails during Section II installation.



1.10/- Check all measurements for Mount Rail positions, bolt locations and spacer thicknesses before proceeding with section 2.

2) VEHICLE SPECIFIC INSTRUCTION:

2.1/- Locate the *vehicle specific instructions* for your vehicle, included with the optional side floor kit. Instructions are also available from ARB stockists.

Follow the Vehicle specific instructions to install into vehicle. Then return to this instruction Section III to complete installation.

3) REASSEMBLY:

Ensure you have completed the vehicle specific instructions supplied with the optional side floor kit before proceeding. Instructions are also available from ARB stockists.

You should have the drawer system prepared (Section I) and bolted into the vehicle (Section II) before attempting this section.

3.1 /-DRAWERS REPLACEMENT:

Roll drawers in past the second top bearing and slide the drawer stops back into original position. Bolt Drawer Stops back on using original 6mm bolts.

Ensure 6mm flat washers are still under bolt heads.

Stops are fitted to left and right hand sides.

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Note orientation of drawer stops “arm” faces **rear** of vehicle and nylock nuts inserted in drawer stops face **outwards** away from drawer body to engage 6mm bolts. **Image shown out of vehicle for clarity.**



3.2/- ROLLER FLOOR REPLACEMENT:

Refit the Roller Floor onto the chassis and Roll in past the second bearing. Slide stops into original position from front and retain using original screws. Bearings in stops face in towards the chassis.

Stops are fitted to left and right hand sides.

Access holes are provided in the chassis of the adjacent module to access central screws.

A segment of Side floor may need to be temporarily removed to access outer screws.



3.3/- ROLLER FLOOR TRAY REPLACEMENT:

Slide tray back into chassis. Ensure the Roller Floor top is extended to expose the front of the tray. Reinstall the tray stops into their original locations on the top rail, using original hardware.

Stops are installed on both left and right hand side.



3.4/- FIXED TOP REPLACEMENT:

Ensure top is oriented in the correct direction.

Using a 4mm Allen key, replace the fixed floor using the original countersunk setscrews.



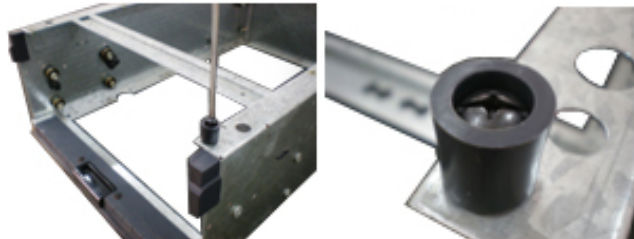
4) STACKER DRAWER INSTALLATION – OPTIONAL

Another drawer module can be stacked on top of a fixed top drawer.

4.1/-Remove Fixed Floor from parent drawer.



4.2/-Fasten the two (2) 20 mm round spacers with round head bolts inserted into the cavity into captive nuts in the rear of the parent frame. Flat surface of spacers sit on top of captive nut in parent frame.

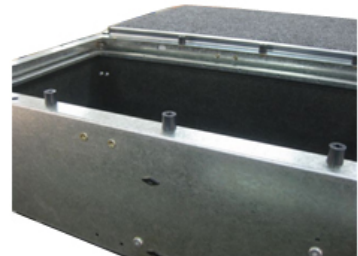


4.3/- STACKER DRAWER TO PARENT DRAWER INSTALLATION - Remove Fixed Floor and Drawer from Stacker module frame. Remove the two bottom Mount Rails from Stacker module frame and put aside. Mount Rails are not required on Stacker Drawer to parent drawer installation.

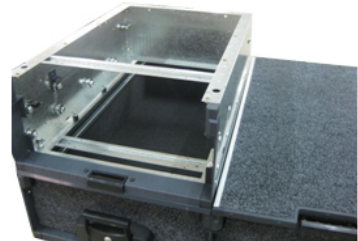
4.4 /-Remove parent spacers from the underside corners of Stacker Module framework. Parent Spacers are not required for Stacker Module to Parent Drawer installation.



4.5/- Place 20mm round spacers over captive nuts inserted in top of parent frame, heads of captive nuts sit into recess in spacers.



4.6/- Place stacker module on top of spacers and fasten Stacker module frame to Parent Frame using 6mm x 30mm hexagon head bolts and spring washers. Fasten through Stacker Module frame, 20mm round spacers and into captive nuts in Parent Frame.



4.7/- If required, fit the carpeted fill in floor piece supplied with the stacker drawer to the **front** of the parent frame, behind the shorter Stacker Drawer.

4.8/-Reinstall Drawer and top onto Stacker Drawer Module.
See section 3 – REASSEMBLY for how to do this.

5) NOTES FOR CUSTOM & INDIVIDUAL INSTALLATION

ARB offer side floors and fitting instructions for many vehicles. It is possible to install your outback solutions drawer into a vehicle other than those with side floors available. The below steps should be considered when installing an outback solutions modular drawer as a single module or into a vehicle where vehicle specific instructions are not available.

Location: Outback Solutions Modular Roller Drawers are typically installed in the rear cargo area of the vehicle. Ensure there is sufficient space to fit the module(s) you have selected and that drawer handles are clear of doors and tailgates. Drawer modules can also be installed onto the tray of a cab chassis vehicle provided the vehicle has a canopy or cover to protect the drawer(s) from the weather.

Mount Rail locations: Both *front and *rear Mount Rails can be relocated to a number of pre drilled points along the frame, allowing adjustment for different vehicles. Locate the Mount Rails so as to provide support to the drawer and provide four convenient points to bolt through the floor of the vehicle.

Spacers: Plastic spacers are provided and can be clipped together to create different height spacers. Follow steps 1.7, 1.8 and 1.9 for spacer installation. With a custom or individual module installation, select spacer's heights that result in all points contacting the vehicle floor evenly. Ensure spacers provide sufficient height so as the mount rails or drawer frame does not contact the floor directly.

Drilling and bolting: Every installation must have a minimum of four 10 mm bolts to anchor the roller drawer system into the vehicle. With a single module installation two 10mm bolts must be used through each mount rail. In a double installation one bolt per mount rail is sufficient.

Side Floor Blank: Blank side floor kits are available for many drawer modules. These are designed to be cut down to size for custom installations where a dedicated side floor is not already available. Enquire about blank side floor kits with your ARB stockist.