



Fitting instructions for Subaru  
 Outback 2021- Current.  
 RS-0421 & RS-0423

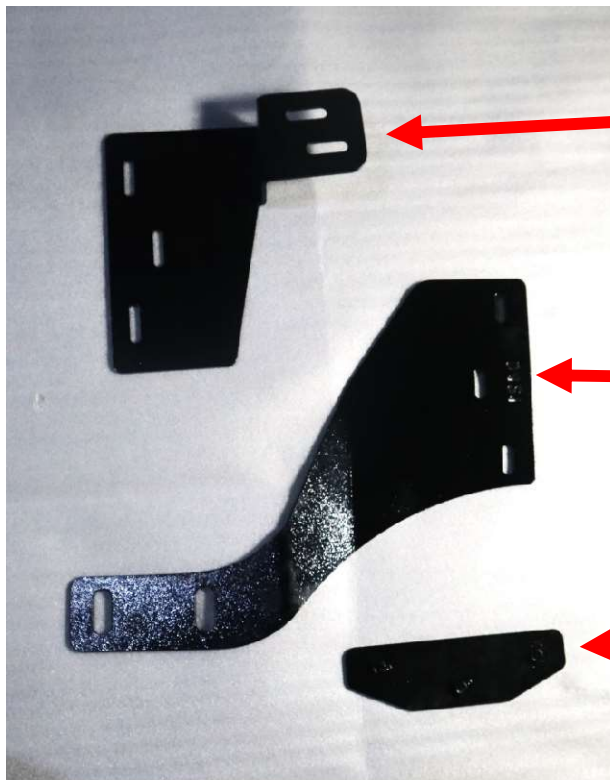
**Components list:**

12 - M8 x 30mm Bolts	2 – M8 x 20mm bolts
12 - M8 Large panel washers	4 – M8 standard washers
2 – M8 Nyloc nuts	4 – Rock slider mounting brackets 2 LH/ 2 RH
4 – small rock slider clamping plates	2 – Rock Sliders

**Tools required:**

Trim clip removal tool or flat head screwdriver	13mm spanner
socket & ratchet kit with 12, 13, 14 & 16mm sockets	Power drill
If fitted with a lift kit, will also need 17 & 19mm sockets	Hammer
4mm & 9mm Drill piece (HSS pieces if possible)	Permanent marker
Hacksaw	Centre punch

**Rock slider Brackets**



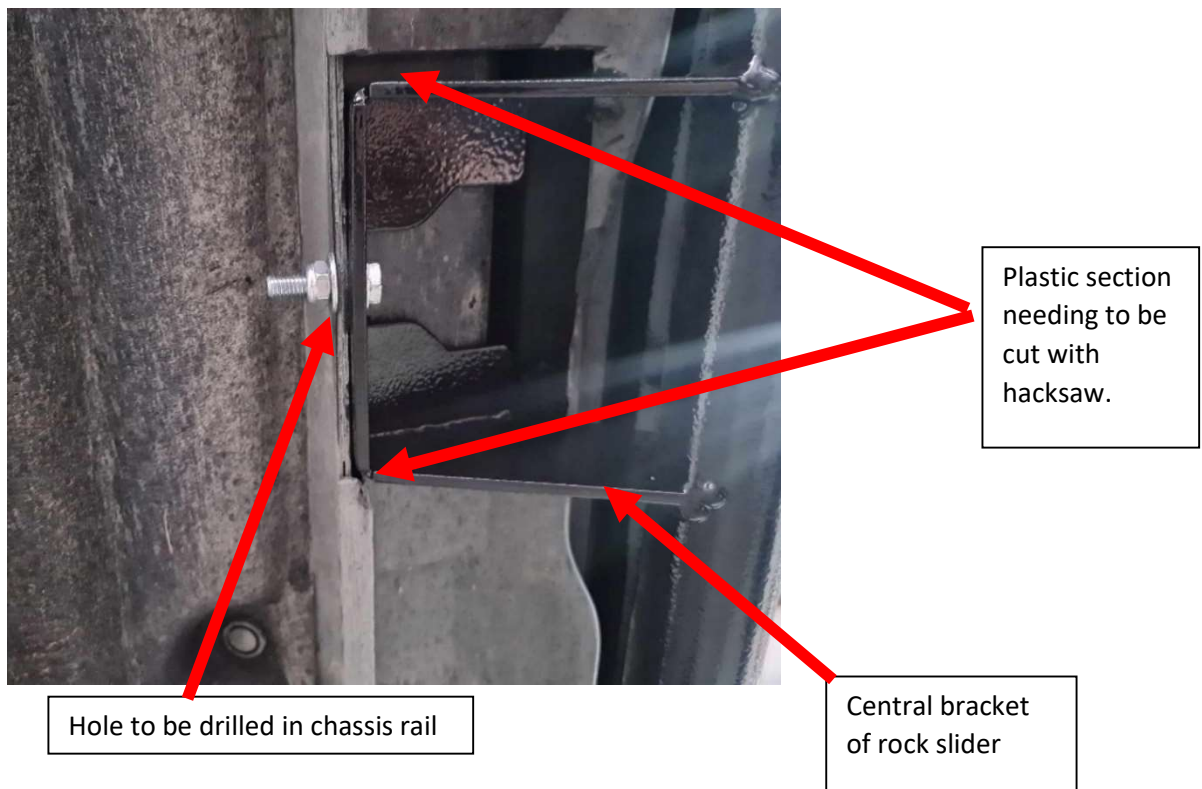
**Rear mounting brackets  
 1 LH/ 1 RH  
 provided.**

**Front mounting brackets 1 LH/ 1RH  
 provided.**

**Mounting clamping plate  
 4 x provided.**

## Initial installation process

1. This installation process should be carried out using a 4-post car hoist, 4 car ramps is a suitable alternative. Situate your vehicle into its lifted position. All following steps are to complete one rock slider installation, follow the same steps to install both left- and right-hand sides.
2. As seen in picture below you will need to drill a hole through the chassis rail for a bolt to be placed through. To find the correct position to drill this hole, measure from the base of the front wheel well along the body 945mm and mark the spot with a permanent marker. Then measure 15mm from the bottom of the rail upward and make another mark, the intersecting points of these marks are where the hole will be drilled. You will need to drill through both the plastic cladding fitted to the vehicle along with the chassis rail. Once through the plastic, use a Centre punch mark the hole first, start off with the 4mm drill bit and move up to the 9mm bit. Once the hole is drilled, apply some black spray paint lightly around the hole to avoid rust and corrosion forming.



3. You will need to trim a small rectangular section out of the plastic cladding to allow for the central rock slider bracket to be mounted to the

chassis. While the cladding is still on the car. Measure from the hole that was drilled 65mm to the left and 65mm to the right and mark with a marker

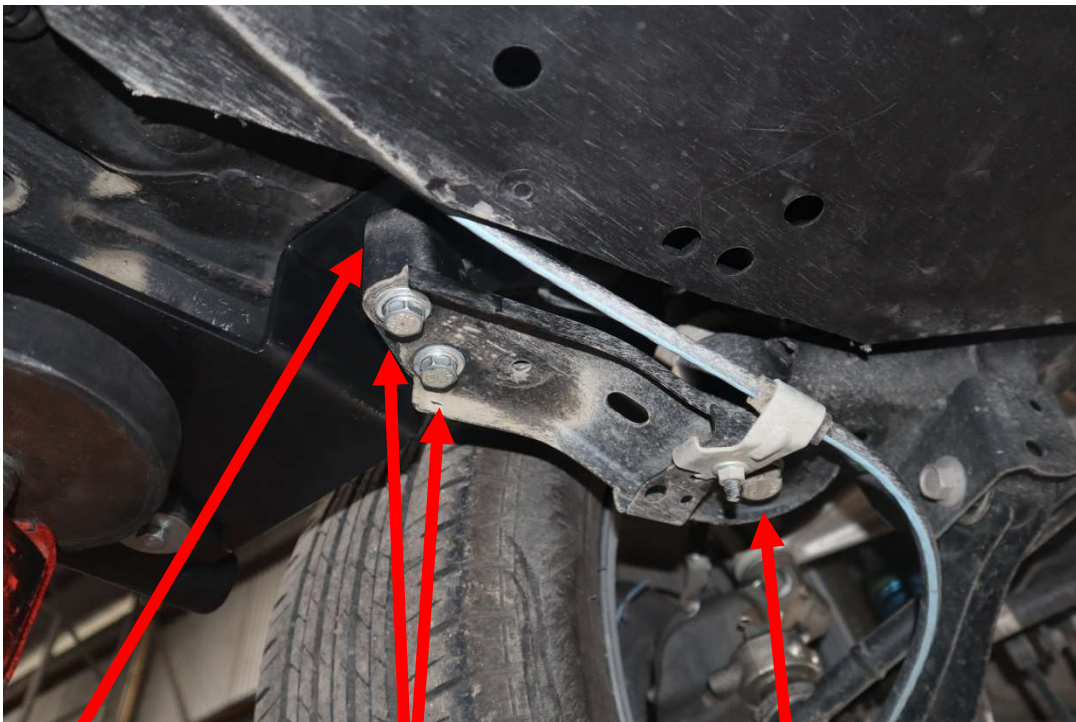
4. Use a trim clip removal tool or a flat head screwdriver, to remove all trim clips from the plastic body cladding and fully remove the cladding.



5. Use a hacksaw or Dremel tool to cut the section as shown in picture above. Be sure to only cut the first level of cladding as cutting both sections will cause cladding to break into two pieces, we want the cladding to be kept in one piece.
6. Next, you will need to reinstall the underbody cladding removed in step 1 & 2 now with the small rectangle cut out of the cladding to accommodate the mounting brackets. Simply hold the cladding against the body of the vehicle and reinstall the plastic clips that were removed. Push the clip from the rear into the corresponding hole in the body of the vehicle and making sure you hear a click as it engages and locks into place.

## Installing Rear rock slider bracket

7. To install the rear bracket of the rock slider kit, as seen in photo below fully remove the two bolts indicated in photo, then loosen the bolt at the rear of this bracket. Slide the rock slider mounting bracket between the subframe bracket and the chassis. **If your vehicle is fitted with a lift kit as the vehicle pictured does, you will need to make sure the subframe spacer that is installed as a component of your lift kit is kept in the correct position**, in this case the rock slider mounting plate is mounted between the subframe spacer and the chassis of the vehicle.

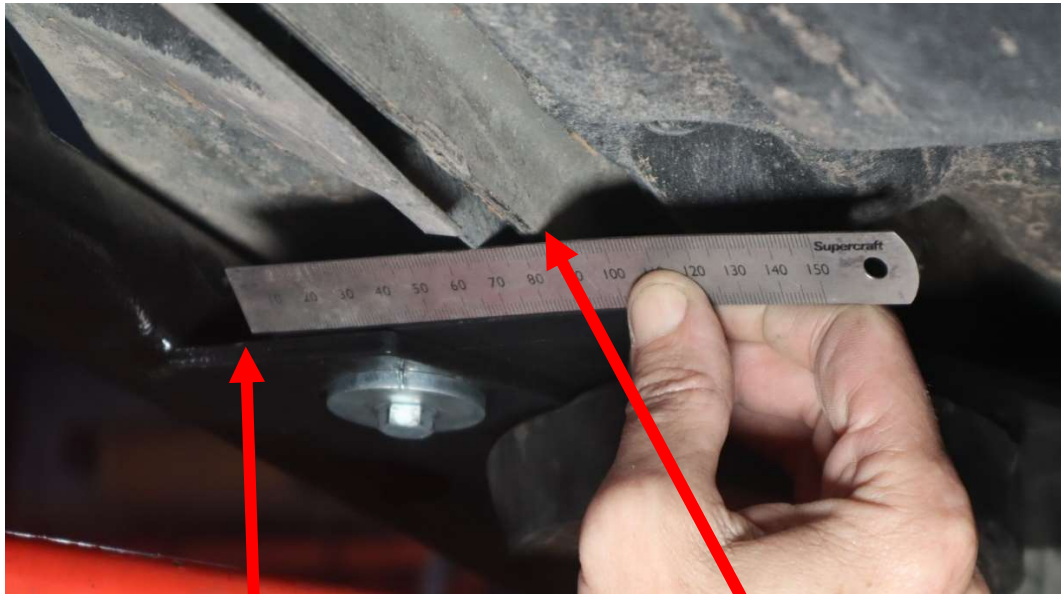


Subframe spacer  
be careful to leave  
this in the correct  
position.

Remove the two 12mm subframe bolts and  
slot bracket between chassis and subframe  
or subframe spacer, these will be 14mm  
bolts if you have a lift kit installed

**Loosen rear bolt on bracket, this bolt must  
be re bolted to Torque spec the correct  
specifications are 107ft/lb or 145NM**

8. When setting the rock slider mounting brackets in place it is important to place them correctly, so the sliders sit evenly on the vehicle. As seen in photo below there needs to be 70mm of the bracket hanging out past the chassis rail for rear bracket.
9. . Replace and tighten the factory bolts into their respective holes.  
**140 Newton metres torque setting**

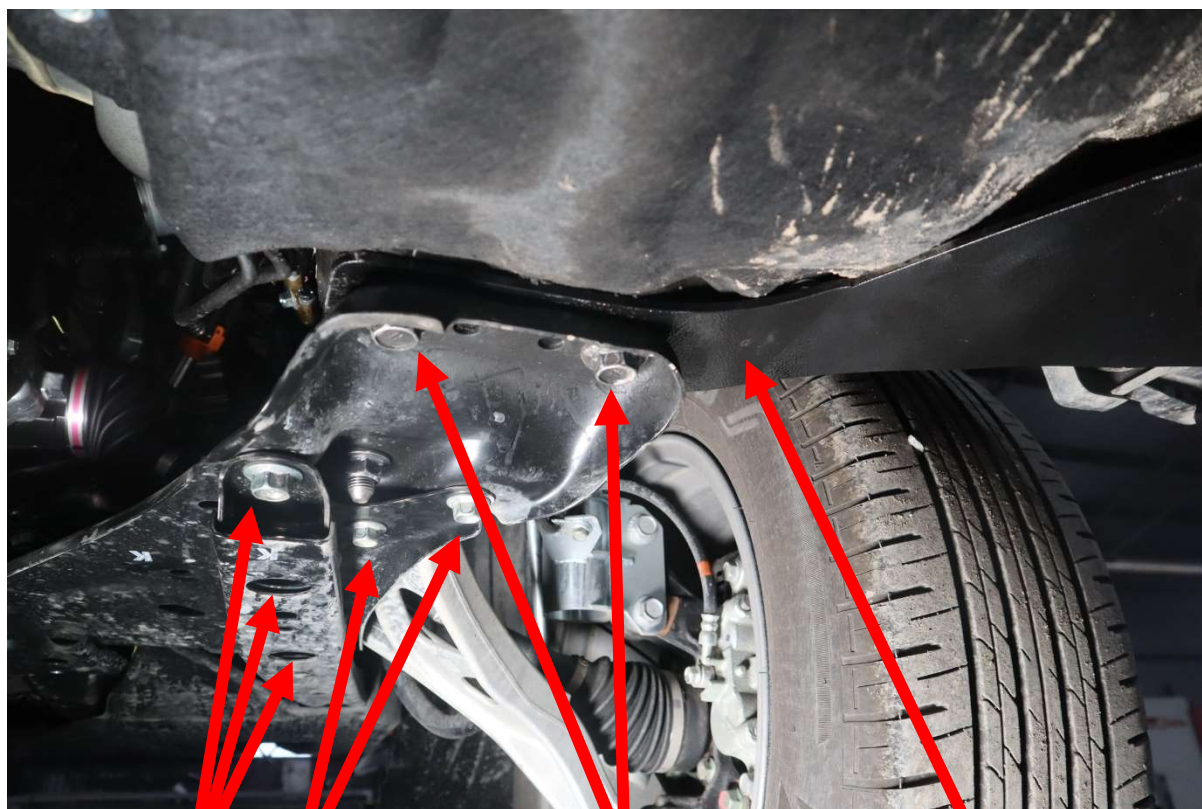


End of mounting bracket

Chassis rail



## Installing Front rock slider bracket



Loosen off other bolts on this subframe bracket

Completely remove these two bolts

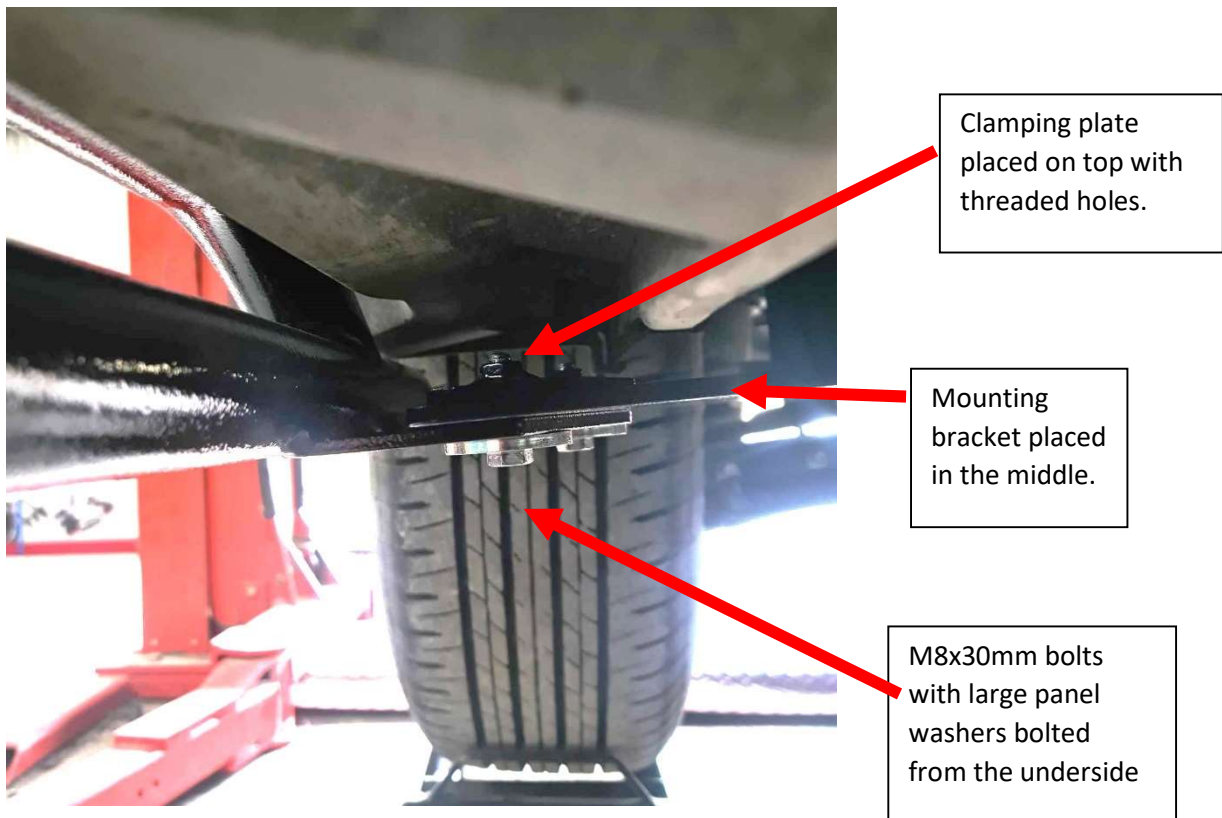
Mounting bracket sandwiched between chassis and subframe bracket

**10.** To install the front Rock slider bracket, similar steps as with the rear mounting bracket will be followed. As seen in photo above, completely remove the two indicated bolts from the subframe mounting bracket, loosen the rest of the bolts holding this subframe bracket to the chassis, **please note some bolts are held inside the bracket as show with arrows above**. Slide the rock slider bracket between the subframe bracket and the chassis sandwiching them together. Replacing and tightening the factory bolts into their respective holes.

**145 Newton metres torque setting**

**11.** When setting the rock slider mounting brackets in place it is important to place them correctly, so the sliders sit evenly on the vehicle. As seen in step 8, there needs to be 8cm of the rear bracket hanging out past the chassis rail for the front bracket.

12. Now that Mounting brackets are in place, locate Rock slider clamping plates as well as 3x M8x30mm bolts & 3 large panel washers per mounting plate. It is good practice, to prepare a little for the next steps as if you are completing this step alone, or you are mounting these on car ramps then trying to maneuverer the rock sliders can get difficult from the floor. To prepare simply place a large panel washer on each of the M8x30mm bolts and have them within easy reach of you and the mounting brackets.
13. To begin rock slider installation, Place a clamping plate on top of the front mounting bracket and line the holes on the clamping plates up with the slotted holes on the mounting bracket.
14. Hold rock slider in place along the vehicle, using some help where possible or some sort of stand to hold the rock slider level to the car.
15. Using the M8x 30mm bolts and large panel washers place the bolts from the underside of the rock slider through the slotted holes in the mounting bracket and up into the threaded holes in the clamping plates. Keep bolts finger tight at this point to allow for some adjustment if needed.



16. Repeat this step for rear bracket, Keep nuts and bolts finger tight at this point to allow for adjustments.
17. Using the M8x20mm bolt, standard M8 washer and Nyloc Nut, secure the central rock slider bracket to the chassis rail using the hole that was drilled earlier in **Step 3**.
18. Now rock slider is in place adjust the slider close to the vehicle while making sure you still have enough clearance to open your doors, while also making sure slider does not overhang into the wheel well on either end of the vehicle.
19. Tighten bolts to secure the slider into its set position.
20. Repeat all steps for the opposite side of the vehicle being sure to tighten all bolts at the end.

**Important notice: please make sure that the large bolt at the back of the subframe brackets is bolted up to the correct torque specs**  
**Torque specs are: 145 Newton Metres**