




Installation Instructions

<p>Rock Sliders – 2014-2018 Forester / 2013-2017 Crosstrek</p> <p>PN: RTEK-100319 / RTEK-100321</p>	
<p>Suggested tools</p>	<ul style="list-style-type: none">• Ramps or jack stands• Jack• Drill• ¼” drill bit• Metric wrenches / sockets• Metric allen wrenches• Helper
<p>Safety Warnings</p>	<ul style="list-style-type: none">• Always support the vehicle with jack stands before working underneath• Use only the parts supplied by RalliTEK to install this kit• Check ALL the fasteners for tightness before and after road testing the vehicle• Do not use an air impact wrench with re-installing bolts as stripped threads may occur
<p>Install Time</p>	<ul style="list-style-type: none">• 4-6 hours

REMOVAL OF FACTORY UNDER TRAYS

1. Remove the plastic under trays that run lengthwise next to the pinch weld. Save any plastic clips you removed.

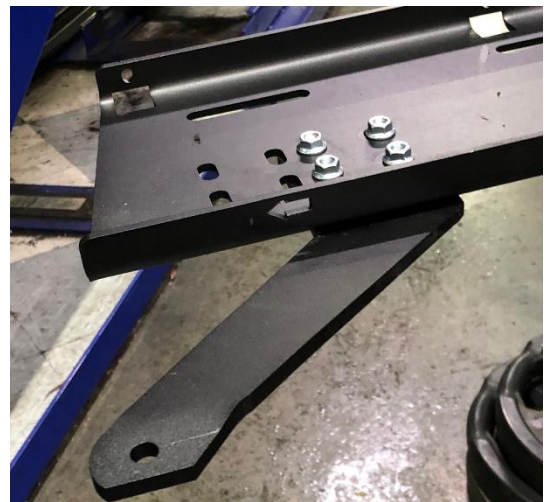
2. Forester owners, remove the plastic shroud that runs along the pinch weld. This will not be re-used.

Note: If your Forester has factory front molded mud flaps, remove those and replace them with the trim that is included in the kit RTEK-100321



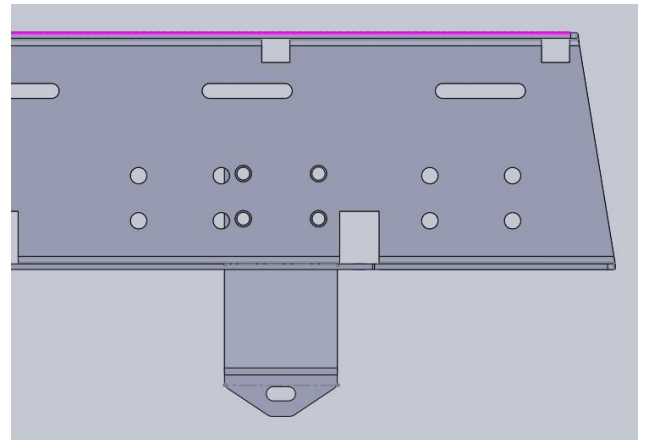
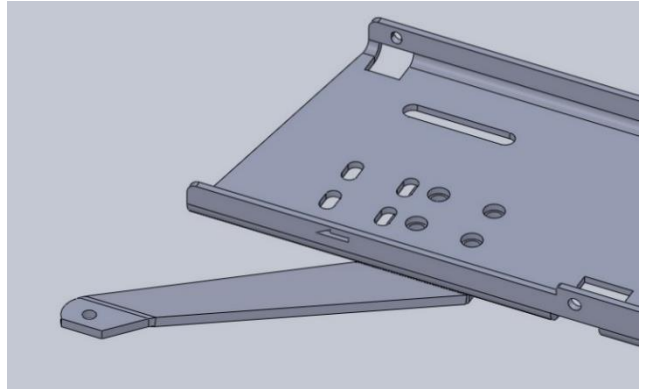
RalliTEK ROCK SLIDER INSTALLATION

3. Using the arrows on the longer flange, identify the left and right base plates. The arrows will point to the front of the car from the inner side of the slider base. The passenger side base is shown.



4. Install the braces onto the rock slider bases using the supplied M8 button head bolts, M8 fender washers, and serrated nuts as shown. Use washers between the button head bolt and mounting bracket, not between the serrated nut and slider. Be sure that the front brackets angle upwards from the base.

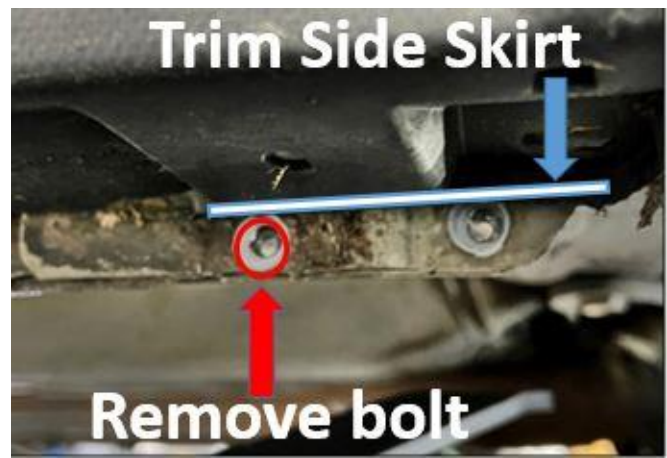
NOTE: The driver side front bracket will have a 5th hole in the 4 hole mounting pattern, the rear brackets are the same left and right. Tighten these bolts enough to still be able to move the brackets around on the base plate.



5. **Prepping the frame rails:** There are two bolts at the front of the frame rail, the second one from the front of the car will need to be removed. On some applications the welded on nut inside the frame rail may need to be ground down slightly for clearance.

Check the frame rails for dings or bulges which may prevent the slider from sitting flush against them. Use a hammer to straighten any dents or bends.

The side skirt and fender liner may need to be trimmed slightly to clear the new rock sliders as seen in the picture to the right.



6. Take the rock slider base and brackets to their respective sides and start the bolts for the braces. The front brace will use the included M6x40mm bolts and M6 fender washers. The rear will use the included M8x40mm bolts and M8 fender washers.



(OPTIONAL FAST INSTALL) NOTE: For a faster install you may support the bottom bracket, attach the slider top to the base using supplied M6 button head bolts and serrated nuts (only a couple of threads on these bolts), raise the slider to pinch weld, then use the slider as a template to drill the 1/4" holes in pinch weld (a right angle drill is recommended). Then skip to step 10.

*This process may scratch the finish on the slider where the drill bit passes through, if so some chassis paint is recommended to prevent corrosion



7. (STANDARD INSTALL) Rotate the rock slider base into position and mark the holes to be drilled in the pinch weld using a scribe or pick tool. It is helpful to support the front and rear of the rock slider base with jack stands while you mark the holes. Once you have marked the holes, remove the rock slider base and center punch near the bottom of the mark. Repeat the process for the other side.



8. We recommend using a 1/8" drill bit to start drilling the mounting holes in the pinch weld and then stepping up to a 1/4" or 9/32" drill bit. Some paint is recommended on the newly drilled holes to prevent corrosion. Repeat the process for the other side.



9. Loosely reinstall the rock slider base and let it hang from the bolts. Carefully install the rock slider top (they are the same left and right) and start the bolts to hold it to the base using the supplied M6 button head bolts and M6 serrated nuts.

NOTE: only start the bolts a couple of threads



10. Rotate the rock slider assembly up in to place and use jack stands to support the rock sliders while you install the M6x40mm bolts through the pinch weld. Use a 10mm wrench to hold the nut through the cut out while you start the bolt from the inside of the pinch weld. Once all the bolts on one side are installed, tighten the bolts that go through the pinch weld.

NOTE: the rock sliders may need to be manipulated up or down to get the bolts to start into the nuts. We recommend applying a little tape to keep the nut on the wrench during this process.



11. Once the bolts through the pinch weld are tight, tighten the bolts that go into the chassis, the 4 bracket bolts under the rock slider and the outer M6 screws. The nuts are serrated so you do not need to hold them while you tighten the bolts.

*After tightening the outer M6 button head bolts, re-tighten the inner pinch weld bolts then double check the outer bolts. Make sure all fasteners are tight.



12. Install the plastic under trays and trim as needed to clear the support brackets.



WARRANTY

One Year Limited Warranty

RalliTEK warrants to the original purchaser that the parts manufactured and/or sold by RalliTEK (the Product) is free from defects in material and workmanship under normal use. RalliTEK warrants that the Product will perform substantially in accordance with the specifications set forth in the documentation provided with it. The above express warranties are made for a period of the lesser of 12,000 miles or 12 months from the date the Product is installed in your vehicle.

Any improper use, operation beyond capacity, substitution of parts not approved by RalliTEK in writing, any alteration or repair by others, or any removal, defacing or altering of the identification shall void this warranty. There is no warranty on high-performance or race related parts due to the nature of usage.

The purchaser shall notify RalliTEK at 888-773-1212 of any defect within the warranty period no later than thirty (30) days after purchaser discovers the defect. Should any failure to conform to this warranty appear within the warranty period, RalliTEK shall, on notification, correct the nonconformity at its option, either by repairing any defective part, or by making available, FOB RalliTEK plant, a repaired or replacement part. The purchaser must insure any defective item being returned because RalliTEK does not assume risk of loss or damage while in transit. No payment or reimbursement shall be made for installation, removal, transportation or other charges. The remedies set forth in this instrument are exclusive, and the liability of RalliTEK with respect to any sale shall not exceed the price of the product on which the liability is based.

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RalliTEK shall not in any case be liable for special, incidental, consequential, indirect, or other similar damages arising from any breach of these warranties even if RalliTEK or its agent has been advised of the possibility of such damages. Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you.

This warranty is governed by the laws of the State of Oregon.

