


Installation Instructions

<p>RalliTEK Subframe Spacer Kit</p>	
<p>Suggested tools</p>	<ul style="list-style-type: none"> • Jack • Jack stands • 19mm socket, 22mm socket, 14mm socket, 12mm socket, ratchet(s) and torque wrench
<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

RalliTEK Subframe Spacer Installation

1. It is easiest to install the RalliTEK Subframe Spacer kit with the rear control arms disconnected from the subframe



2. Remove the bolts for the subframe supports, these will be at the front of the rear subframe. On some models, there is an additional brace going to the chassis of the car, you will want to remove this as well



3. Some cars have a rear subframe brace, remove those bolts now



4. Using a 19mm socket, remove one subframe bolt at a time and replace the bolt with the longer bolt supplied in the kit. You only need to thread these in enough to make sure there is good thread engagement.

5. Once all 4 subframe bolts have been changed out for the longer bolts supplied in the kit, remove one at a time and install the RalliTEK subframe spacers on top of any existing factory subframe spacers.



6. Install any support spacers that are included in the kit. The spacers for the front supports will use the 2 bolt spacer while the rear support will use the single hole spacers. Use the supplied 50mm long bolts for the support spacers



7. Install center brace / spare tire carrier drop spacers if applicable



8. Tighten all of the subframe bolts at this time using the following torque specifications


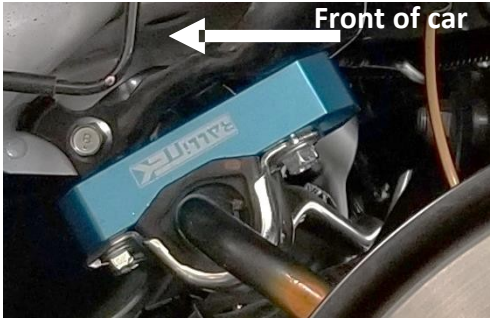
M14 main subframe bolts – 107 ft-lbs
M10 subframe support bolts – 52 ft-lbs

9. If your car has the additional front subframe brace, loosely install the factory bolts on the subframe brace first followed by the bolts for the front of the brace and tighten. No spacer is needed for this brace.



10. Install the brake hose extension bracket by first removing the bolt that holds the brake hose to the knuckle



<p>11. Install the extension bracket to the knuckle using the factory bolt and use the longer M8 bolt and nut to secure the brake line to the upper hole on the bracket. Ensure that the brake hose does not rub any part of the knuckle or upper control arm.</p>	
<p>12. For 2018 and newer Crosstreks and 2019 and newer Foresters, you will need the included sway bar drop bracket. When installing this drop bracket, be sure to install it so the threaded holes are towards the front of the car in relation to the through-holes as shown. You will use the factory nuts to mount the drop spacer to the chassis and then 4 of the 20mm long M8 bolts to mount the sway bar to the spacer.</p>	
<p>13. Reinstall the lower control arms to the subframe. This kit will get the rear alignment close to factory specifications but for proper handling characteristics and maximum tire life, we highly recommend an alignment after installation.</p>	

WARRANTY

RalliTEK Products Lifetime Warranty

RalliTEK branded products are warranted to the original owner against manufacturing defects in materials and workmanship for the lifetime of the product.

If a RalliTEK branded product covered by this warranty fails due to a manufacturing defect, we will repair the product, without charge, or replace it at our discretion. This policy covers only original, unaltered, and unmodified materials and workmanship. This warranty does not cover damage caused by incorrect installation, accident, improper care, negligence, normal wear and tear, or the natural breakdown of colors and materials over extended time and use. Damage not covered under warranty may be repaired for a reasonable rate and a fee will be charged for return shipping.

For warranty evaluation, please contact RalliTEK Customer Service via phone **(503) 619.0055** or email support@rallitek.com to obtain a return authorization. Once this step has been completed, your product must be returned directly to the **RalliTEK Warranty Department, 13339 NE Airport Way, Suite 500, Portland, OR 97230**. All shipping to the Warranty Department must be pre-paid and insured. RalliTEK will not be liable for damaged or lost inbound packages.

NOTE:

- This warranty is only available within the United States or Canada
- This warranty does not cover products sold by RalliTEK that are not RalliTEK branded products
- This warranty gives you specific legal rights; you may have other rights, which vary from state to state

