



Installation Instructions

RalliTEK Hidden Winch Mount - 20-24 Subaru Outback & Wilderness



Suggested Tools:

- Metric Sockets, Wrenches, Ratchets
- Screw Drivers, Pliers
- Drill, Drill Bits, Razor Blade
- Jack, Jack Stands, Wheel Chocks

Safety Warnings:

- 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**

NOTICE

This product replaces the OEM bumper beam and is intended for off-road use only.

Never attempt to flat tow with the winch mount.

Exercise caution during installation and operation of this product to prevent harm or damage to equipment. Thoroughly read and understand all safety precautions and operating instructions before proceeding with the installation and operation of this product.

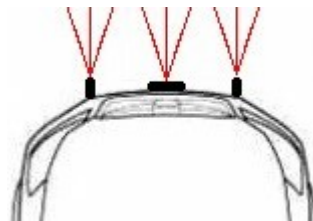
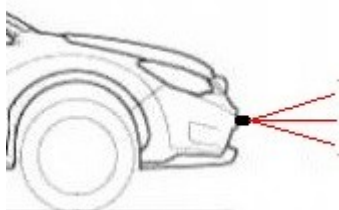
Fastener Size	Fastener Torque Value	
	ft-lbs (Lubricated) <small>*for use with Loc-Tite</small>	ft-lbs (Dry)
M4	2.4	2.7
M5	4.9	5.5
M6	8.3	9.4
M7	13.9	15.8
M8	20.2	22.9
M10	39.9	45.2
M12	69.6	78.9
M14	111.3	126



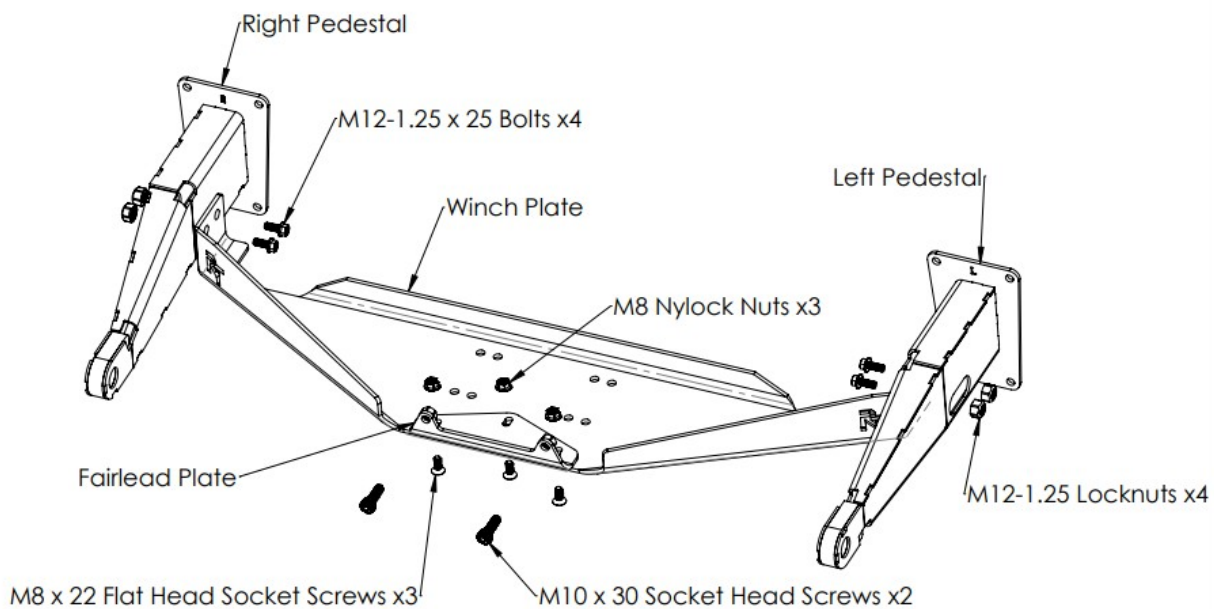
Installation Instructions

Do not operate winch or rig recovery points at angles greater than 15° off centerline.

Recovery points are not designed for shock loads.



Parts Overview





Installation Instructions

Installation

Remove engine under tray / skid plate (reference RTEK-100407 skid plate install instructions, if needed).

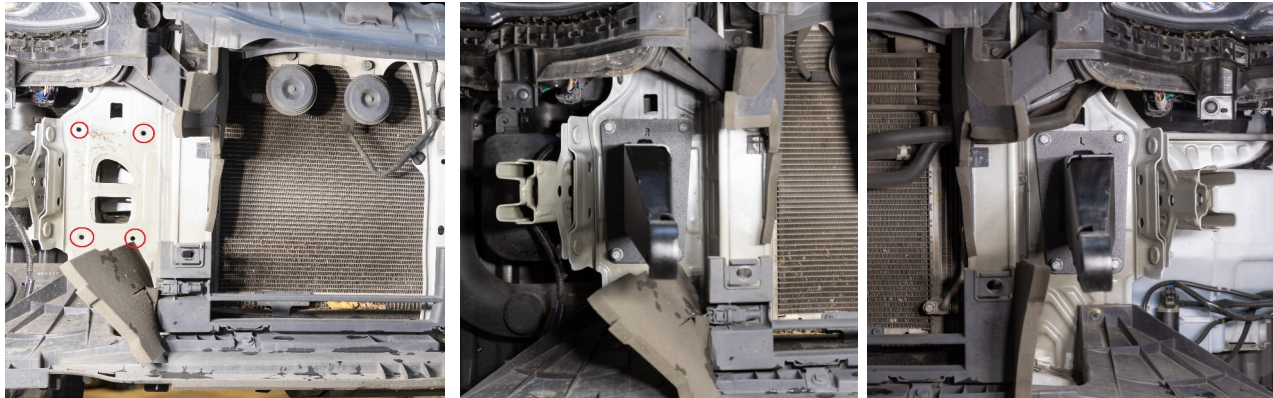
Remove clips and bolts retaining the front bumper, making sure to unplug the forward facing camera and both fog lights. Be sure to also remove clips along the bumper near the headlight and fender. With all bolts and clips removed, carefully pull bumper away from the vehicle at the fenders.



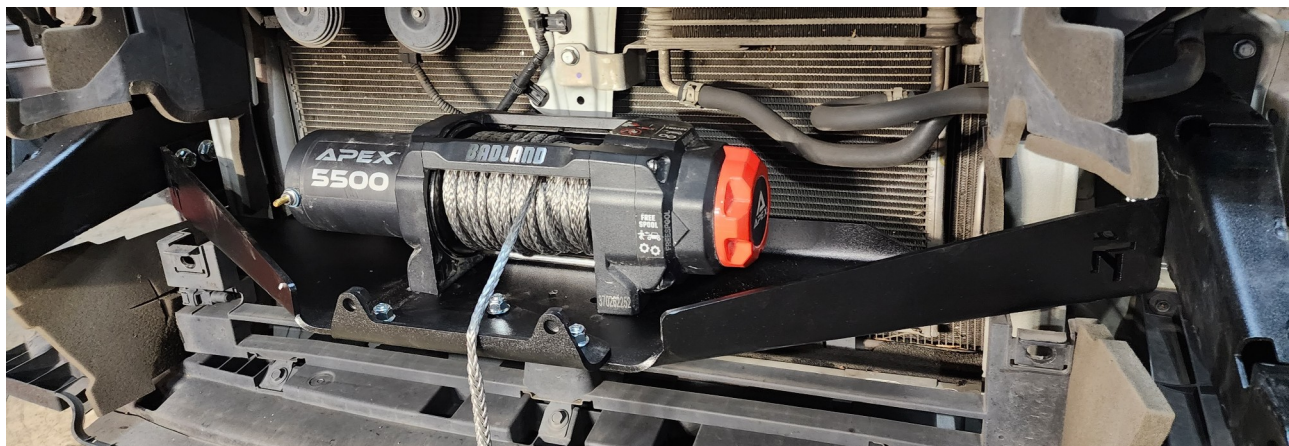


Installation Instructions

Remove front bumper beam by taking out the four bolts on each side, as indicated below. Save factory hardware. Using factory hardware, install L and R pedestals. Bolt locations are shown in middle and right photos for reference.



Install center plate and loosely install fairlead plate for test fitment. Install winch and wiring per manufacturer instructions.





Installation Instructions

Remove grill by removing phillips head screws on the back side and unclipping from bumper. Use masking tape to protect bumper during layout and trim.

A template file is available for the fairlead holes as well as the non-Wilderness model to indicate a general idea of recovery point locations. With measurements, slowly trim out the desired fit. Tools that tend to work well for trimming would be a Dremel, an oscillating multi-tool, or a razor blade and drill.



Test fit bumper, snug fairlead plate to the bumper, and tighten.





Installation Instructions

Remove bumper to install grill and final torque all fasteners.

Reinstall bumper, making sure to pass winch cable through the fairlead plate and plug in fog lights and forward facing camera.

Install under tray / skid plate (reference RTEK-100407 skid plate install instructions if needed).





Installation Instructions

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

