

Installation Manual

Product

Transmission Mount



Fitment

2015 - 2021 WRX/STI
2008-2014 WRX/STI

BEFORE YOU START

Suggested Tools

- Factory Service Manual
- 3/8" Drive Ratchet Handle
- 3" and 6" Extensions
- 17mm Socket
- 14mm Socket
- 12mm Socket
- 3/8" Torque Wrench
- Pliers
- Floor Jack or Lift
- Engine Hoist or Transmission Jack
- *Threaded Jack Stand
(if using lift)
- Jack Stands
(if working on the ground)

What's Included

- 1x Transmission Mount
- 1x 5 Speed Adapter Plate



CAUTION: NOTES BEFORE STARTING

This document uses a 2020 STI for the installation process.
Your experience may differ slightly depending on year and model.

Make sure you have all necessary tools before beginning installation. We recommend taking your vehicle to an appropriate shop for the installation of this part if anything in this process is outside of your experience.

Take care on vehicles with aftermarket headers. To avoid damage, the Urethane bushings in these mounts should be shielded from excessive heat generated from aftermarket headers.

Please reference your **Factory Service Manual** for specific part removal instructions on your specific vehicle.

Factory Service Manuals can be purchased at:

<https://techinfo.subaru.com/>

SAFETY CHECK

Always make sure the vehicle is adequately supported on ramps, jack stands, or a lift.

Warning: Never work under a vehicle supported only by a floor jack!

OEM Transmission Mount Removal

1. Lift car off the ground and secure appropriately with jack stands
2. Locate transmission housing and support with threaded jack stand
 - *If you don't have a threaded jack stand you can use your floor jack as well
3. Locate transmission crossmember and OEM transmission mount
4. Remove (2) 17mm forward bolts and (4) 14mm rearward bolts
5. Remove (2) 12mm bolts securing heatshield to crossmember
6. **EJ Models Only**
 - Locate O2 sensor wire from downpipe and remove clip securing it to the transmission crossmember
7. To remove the transmission crossmember, remove (2) 14mm nuts from transmission mount studs
 - The crossmember is now free to remove
8. Uninstall OEM transmission mount by removing (4) 14mm bolts and washers holding transmission mount to transmission

VSC Mount Installation

1. Install VSC transmission mount using the (4) 14mm bolts with washers and torque to 35 ft/lbs
2. For '08-'14 WRX models featuring a 5-Speed transmission, use the supplied 5-speed spacer and carefully position on the Transmission Mount studs before installing the crossmember
3. Reinstall transmission crossmember by first securing all bolts to finger tightness
 - This will help to correctly align all bolts. Once all bolts are secured go back and torque to the following:
 - (2) 14mm nuts to transmission mount studs - torque to 26 ft/lbs
 - (2) 17mm bolts in forward crossmember - torque to 104 ft/lbs.
 - (4) 14mm bolts into rear crossmember - torque to 52 ft/lbs.
4. Install (2) 12mm bolts securing the propshaft heat shield to the crossmember
5. **EJ Models Only**
 - Resecure O2 sensor wire clip to crossmember
6. Remove jack/stand supporting transmission
7. Lower car back to the ground and take for a test drive

Finished

If you have questions or need help with your install or parts questions, please reach out to us:

Email: support@vtcar.com | **Phone:** 802.655.3533

Prior to the installation and/or use of any of products contained herein, whether purchased from or provided by Lance Smith Inc., d/b/a Vermont SportsCar (“VSC”), please read and understand both the installation instructions and these Warning and Safety Rules.

Failure to read, and strictly adhere to both the installation instructions and this Warning and Safety Rules may result in damage to personal property, serious personal injury, and/or death.

Keep all products out of the reach of children, and if children are around the products, always have an adult present.

Follow all instructions regarding the installation and use of all products.

Do not disassemble, modify, or attempt to repair any products for any reason. If damaged or in need of service, please contact VSC at the phone number or email address below.

Do not use products in any manner which has not been approved by VSC, or in connection with any third-party products, unless each has been approved by VSC prior to such use.

Do not install or use products on vehicles which have not been approved by VSC, as stated at www.vtcar.com (the “Website”).

Prior to installation, always store products in a dry and clean location.

Do not strike, hit, crush, shock, drop, pierce or otherwise physically abuse products. Make sure products are located in a place in which they will not be tripped over, damaged, cut or scratched. Do not install or use any product if it appears to be damaged or defective, instead call or email VSC at the phone number or email address below.

Immediately discontinue use of the products in the event they become damaged, deformed, destroyed, or altered in any way due to force or contact.

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Your installation or use of the products will constitute your acknowledgement that you have read the above. Keep this Warning and Safety Rules for your records so that you may return to them as needed.



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