

PERFORMANCE STI Wing Stiffy

110411

Thank you for purchasing the PERRIN Wing Stabilizer. Persons experienced in bodywork and installation of body parts, should only perform installation of these parts. WARNING!! This part will only fit 04-07 US OEM STI wings. May work on aftermarket "STI" wings may not work and test fitting is required prior to installation. Please read through all the instructions before performing the installation.

SPECIAL NOTES:

- The use of a factory service manual is highly recommended. These can be purchased online at http://techinfo.subaru.com.
- More than one wing stabilizer can be used on this wing. Using the corresponding bolt holes in upper portion of wing, up to 3 can be BOLTED in, but more can be installed using supplied double sided tape. NOTE: Any more than 3 will be difficult to fit properly do to shape of wing changing the further from center you go.
- The use of the screws is not necessary but recommended to ensure wings to not come loose.
- PERRIN PERFORMANCE is not responsible for loss of Wing Stabilizer from excessive speed or improper installation. Use supplied screws and adhesive tape supplied to help ensure stabilizer remains installed on car.
- Do to slight variance in wings, if a large gap between wing and Wing Stiffy is found please call tech support. There may not be a solution to this problem.

Parts Included with the PERRIN Wing Stiffy:

- (1) PERRIN Wing Stiffy
- (2) Adhesive Strips
- (2) M4x22mm Screw

Installation of PERRIN Wing Stabilizer

- 1. Install (1) layer of supplied double sided tape to wing surfaces and press firmly into place. Do not remove second liner from tape.
- 2. Test fit Wing Stiffy to wing, and note placement of feet on wing and mark front, back, left and right sides of Wing Stiffy using masking tape. Make sure wing stiffy curve fits both top and bottom of wing before marking placement. NOTE: If large gap between Wing Stiffy, and OEM wing is found, install second set of tape. If a gap still exists, stop installation and call Tech Support for further instructions.
- 3. Continue with marking Wing Stiffy on upper wing. This is done as a guide for final installation.
- 4. If installing supplied screws, drill hole through wing where screws needs to pass through. These are indicated by small crosshairs on the upper surface of the wing. Us an 11/64" drill bit when drilling holes.
- 5. Remove Wing Stiffy from wing.
- 6. Open trunk and locate lower small panels on each side of wing. Note: These are on outside of the wing not in the trunk.
- 7. Clean all surfaces Wing Stiffy touches with denatured alcohol, or a chemical that will remove wax safely from paint.
- 8. Remove screws that attach panel to wing, and remove inside nuts to release top half of wing.
- 9. If using supplied screws, locate corresponding holes on upper wing for Wing Stiffy. Remove clear cover over bolt hole and remove screws.
- 10. Remove liner from lower portion of Wing Stiffy, and install to lower half of wing, making sure to line Wing Stiffy with tape marks left earlier. *Note:* double-sided tape will be bonded to painted surface almost immediately, so precise installation is needed.
- 11. Remove liner from top of Wing Stiffy. Reinstall upper wing, making sure to very carefully line up bolt holes/tape/wing. *Note: double-sided tape will be bonded to painted surface almost immediately, so precise installation is needed.*
- 12. Once upper wing is installed press upper wing to lower half firmly for 20 seconds.
- 13. Reinstall nuts holding upper wing to lower wing. Re install caps.
- 14. Double-sided tape will be 75% bonded to wing after 2 hours. Keep Wing Stiffy out of harsh weather for this period of time. It will be fully bonded after 72 hours.

Common Questions:

- Oops! I didn't get it straight! Since the tape is only 30% bonded in the first few minutes some slight aligning can be done. You can even remove the Wing Stiffy! If it is still stuck start over and use second strip of adhesive.
- Can't I just push the upper portion of the wing up to install? Yes but extreme caution must be used to ensure proper alignment. A second person will be very helpful.

For questions & comments please contact <u>TECH@PERRINPERFORMANCE.COM</u> 503-693-1702

See website for instant chat options