

# PERRIN

## PERFORMANCE

### BRZ/FR-S Coolant Overflow Tank

2012-11-16

Thank you for purchasing this PERRIN product for your car! Installation of this product should only be performed by persons experienced with installation of aftermarket performance parts and proper operation of high performance vehicles. If vehicle needs to be raised off the ground for installation, the installer must use proper jacks, jack-stands and/or a professional vehicle hoist for safety of the installer and to protect property. If the vehicle is lifted improperly, serious injury or death may occur! Please read through all instructions before performing any portion of installation. If you have any questions, please contact our tech department prior to starting installation. We can be reached in any of the following methods:

Email [Tech@PERRINperformance.com](mailto:Tech@PERRINperformance.com)  
Instant Chat off the main page of [www.PERRINperformance.com](http://www.PERRINperformance.com)  
Or simply call our tech team at 503-693-1702

#### GENERAL MODIFICATION NOTE

Modifications to any vehicle can change the handling and performance. As with any vehicle extreme care must be used to prevent loss of control or roll-over during sharp turns or abrupt maneuvers. Always wear seat belts, and drive safely, recognizing that reduced speeds and specialized driving techniques may be required. Failure to drive a vehicle safely may result in serious injury or death. Do not drive a vehicle unless you are familiar with its unique handling characteristics and are confident of your ability to maintain control under all driving conditions. Some modifications (and combinations of modifications) are not recommended and may not be permitted in your state or country. Consult the owner's manual, service manual, instructions accompanying these products, and local laws before purchasing and installing these modifications. You are responsible for the legality and safety of the vehicle you modify using these components.

#### Parts Included with the PERRIN Coolant Overflow Tank:

- (1) PERRIN Coolant Overflow Tank
- (2) 1.50" OD SS Washer
- (1) M8x25mm Socket Cap Screw
- (1) M6 Hex Key
- (1) M8 Flat washer
- (14.5") 5/16" Silicone hose

#### Installation for BRZ/FR-S

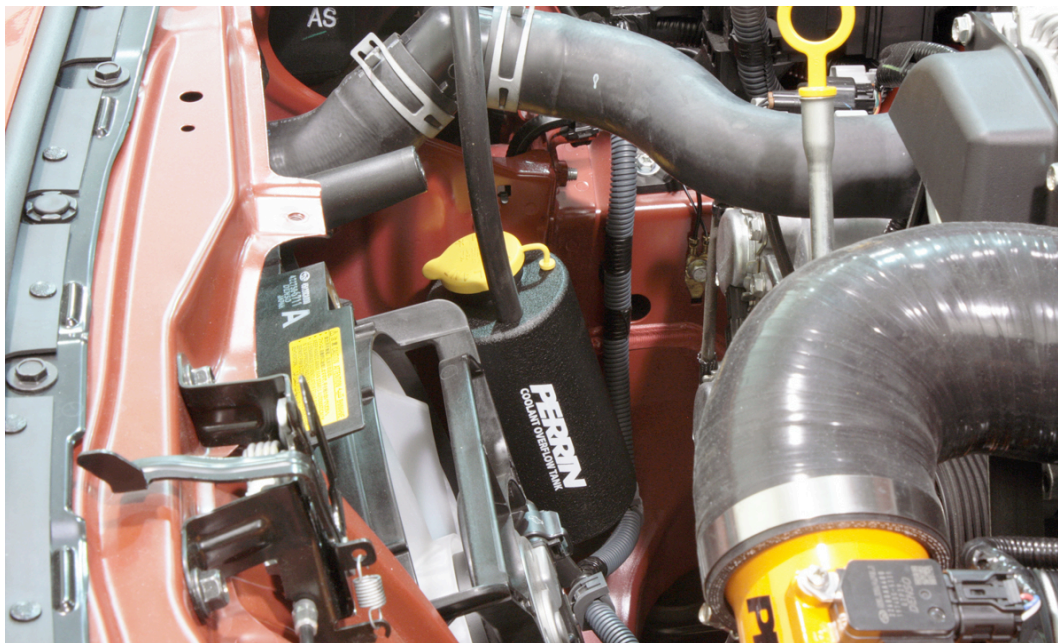
1. Locate white OEM coolant overflow tank and remove hose from radiator cap. Remove OEM coolant overflow tank from radiator. (2) 10mm bolts secure this to the top side and the bottom is held in with a large nipple. With bolts removed, simply lift out of engine bay.
2. Install (1) supplied M8 washer onto supplied M8 bolt. Then install (1) 1.50" washer onto bolt. Place bolt with washers through lower bracket holding bottom of OEM overflow tank. Place second 1.50" washer onto of bracket.



3. Install PERRIN Coolant Overflow Tank to bolt, making sure to thread bolt into outside more hole on bottom of tank.
4. Tighten M8 bolt with supplied M6 hex wrench. **NOTE: Make sure and adjust placement of tank away from radiator as much as possible.**



5. Install supplied 5/16" hose to nipple coming off radiator cap, and route hose down to middle sized hole on top of PERRIN Coolant Tank. Squeeze hose into hole and push down until it hit bottom of tank. Pull hose out of tank roughly .500". **NOTE: It is important to leave space between hose and bottom of tank to ensure system works properly.**
6. Remove yellow cap from OEM coolant tank and install small barb fitting into small hole on top of tank.
7. Fill tank roughly half way with coolant from OEM tank removed ealier. Snap cap shut and take car for test drive.



8. After a day of driving it may be normal to see a small amount of coolant come out of top of tank. This is normal as the system is just settling out. Do not keep filling tank beyond half way if you see it drop below half way. This will just push out more coolant in the future.

Questions, Comments and Suggestions Contact: [Tech@PERRINperformance.com](mailto:Tech@PERRINperformance.com)  
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Call Our Tech Team at 503-693-1702