

2013–2018 FORD FOCUS ST / 2016–2018 FORD FOCUS RS  
**ALUMINUM EXPANSION TANK**  
**PARTS LIST AND INSTALLATION GUIDE**



## PARTS INCLUDED

**1PC** | ALUMINUM EXPANSION TANK W/ SIGHT GLASS

**1PC** | OVERFLOW HOSE

**2PC** | RUBBER SLEEVES

MOUNTING HARDWARE

## TOOLS NEEDED

CHANNELLOCK PLIERS

HOSE PINCH-OFF PLIERS

**INSTALL TIME 30 MINUTES**

**INSTALL DIFFICULTY**

## DISCLAIMER

- Raise vehicle only on jack stands or on a vehicle lift.
- Allow vehicle to cool completely prior to attempting installation.
- Do not run the engine or drive the vehicle while overheating; serious damage can occur.
- Please dispose of any liquids properly.
- Mishimoto is not responsible for any vehicle damage or personal injury due to installation errors, misuse, or removal of Mishimoto products.
- Mishimoto suggests that a trained professional install all Mishimoto products.

## CAUTION

Never work on the cooling system when it is hot. The coolant temperature in the radiator can be considerably higher than boiling, and the system may be under pressure. Opening a cooling system that is hot or under pressure can result in serious injury. Always wait until the system has cooled completely before servicing it in any way.

## INSTALL PROCEDURE

- 01.** Lift up on the stock expansion tank to separate it from the two mounts that secure it to the vehicle. You may need to wiggle the tank a bit to free it from the mounts.
- 02.** Separate the small coolant hose from the front of the tank by squeezing the two tabs on the fitting and pulling the hose off.



- 03.** Use a cut-up coolant bottle or small container to drain the coolant from the expansion tank. Remove the pressure cap from the tank to expedite the draining process. Some coolant will be pushed out of the small line you disconnected, so be prepared to capture any spills, or use a hose pinch-off tool to clamp the hose.



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04. Separate the clip on the large coolant hose from the AC line near the washer reservoir's filler neck. Then lift the tank up over the valve cover to give yourself more room to work. At this point you can drain the remaining coolant from the tank.



05. Compress the clamp that secures the large coolant hose to the expansion tank, and separate the hose from the tank. Then tuck the line in front of the hood prop rod to prevent further coolant loss. (1x spring clamp)



06. Locate the rubber isolators included with your kit, and install them over the mounting pegs on the vehicle. Note that these isolators are different sizes to match the mounting pegs.



07. Remove the isolator from the bottom of the stock expansion tank, and transfer it to the Mishimoto expansion tank.



08. Connect the large coolant hose to the bottom of the Mishimoto expansion tank and secure it with the clamp. (1x spring clamp)

09. Lower the Mishimoto tank into place so that the mounting pegs engage the brackets on the tank. Press down firmly on the tank to make sure they are fully engaged.

10. Connect the small coolant hose to the front of the Mishimoto tank, and remove the hose pinch-off pliers if you used them.

11. Reconnect the clip that secures the large coolant hose to the AC line.

12. Fill the expansion tank with coolant until it reaches the **MAX** line on the sight tube. The small amount of air that got into the cooling system during installation will purge itself as you drive, so the coolant levels may change a bit as you drive. Be sure to check it again after putting in some miles.

13. Install the factory pressure cap on the Mishimoto expansion tank.

**Congrats! You just finished installing the 2013–2018 Ford FocusST/2016– 2018 Ford Focus RS Aluminum Expansion Tank.**