

# 2013+ SCION FR-S/ SUBARU BRZ/TOYOTA GT86 SILICONE RADIATOR HOSE KIT

## PARTS LIST AND INSTALLATION GUIDE

### PARTS LIST

4PC | MISHIMOTO SILICONE HOSES

### TOOLS NEEDED

10MM SOCKET	FLATHEAD SCREWDRIVER
RATCHET	PICK TOOL
NEEDLENOSE PLIERS	COOLANT
LINEMAN'S PLIERS	FUNNEL

### DISCLAIMER

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

### INSTALLATION INSTRUCTIONS

#### 01 | REMOVING THE OEM RADIATOR HOSES

1. Disconnect the negative battery terminal.
2. Remove the three 10mm bolts and nine pop clips to remove the front splash shield.
3. Remove the single 10mm bolt and two pop clips from each side of the vehicle to remove the fender well splash pans.
4. Drain the coolant. Remove the radiator cap to speed up the draining process.
5. Disconnect the mass airflow sensor.



6. Unclamp the induction hose from the throttle body.
7. Disconnect the PCV tube.
8. Unbolt the intake box by removing the three 10mm bolts.



9. Remove the intake box assembly.
10. Disconnect the upper radiator hose from the radiator.
11. Disconnect the upper radiator hose from the engine.
12. Remove the four 10mm bolts that hold the housing bracket for the radiator filler neck to the vehicle. Remove the bracket.



13. Disconnect the coolant overflow hose from the coolant fill neck.
14. Remove the coolant fill neck from the vehicle.



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# 01

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15. Remove the second upper radiator hose.
16. Disconnect the lower radiator hose from the radiator.
17. Disconnect the lower radiator hose from the engine.

## 02 | INSTALLING THE MISHIMOTO SILICONE HOSE KIT

1. Install the second upper radiator hose.
2. Reinstall the coolant fill neck.



3. Reinstall the bracket for the filler neck using four 10mm bolts.
4. Install the upper radiator hose.
5. Install the coolant overflow hose.
6. Install the lower radiator hose.
7. Reinstall the intake box assembly using three 10mm bolts.



8. Tighten down the clamp that holds the induction hose to the throttle body.
9. Reconnect the PCV hose.
10. Reconnect the mass airflow sensor.
11. Reinstall the front splash shield using three 10mm bolts and four pop clips.

12. Reinstall the lower splash shield to the front of the bumper using nine pop clips and two 10mm bolts.



13. Reinstall the negative battery terminal.
14. Refill the cooling system with a 50/50 mixture of coolant and distilled water.



15. Start the vehicle and set the heat to high to purge any air from the cooling system. Allow the vehicle to reach operating temperature and check for any leaks in the system.
16. You have now successfully installed the Mishimoto Scion FR-S/ Subaru BRZ/ Toyota GT86 Performance Aluminum Radiator. Enjoy