

2014+ FORD FIESTA ST SILICONE RADIATOR HOSE KIT PARTS LIST AND INSTALLATION GUIDE



PARTS INCLUDED

- 2PC | SILICONE HOSES
- 4PC | WORM-GEAR CLAMPS
- MOUNTING HARDWARE

TOOLS NEEDED

- | | |
|----------------------|-----------------------------|
| HOSE-CLAMP TOOL | 1/4" DRIVE RATCHET |
| CHANNELLOCK PLIERS | 1/4" DRIVE EXTENSION |
| FLATHEAD SCREWDRIVER | 1/4" DRIVE UNIVERSAL SWIVEL |
| 7MM SOCKET | FORD-APPROVED COOLANT |
| T20 TORX SOCKET | |

INSTALL TIME **2 HOURS**

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. Set the vehicle on an automotive lift, or raise it with a jack and place it securely on jack stands. Refer to your owner's manual for safe lifting points if you are unsure.
02. Remove the engine cover by lifting it directly upward.
03. Position a drain pan under the lower radiator hose where it connects to the radiator. Using pliers or a clamp tool, compress the tabs on the clamp that secures the lower radiator hose to the radiator. Slowly work the lower hose off the radiator to drain the coolant. (1x spring-clamp)
04. Disconnect the evaporative emissions hose from the rubber intake hose. Pry the green locking tab away from the connector to release it, then pull the hose off the port.



05. Loosen the two clamps that secure the rubber intake hose to the airbox and the intake tubing. Remove the rubber intake hose from the vehicle. (2x worm-gear clamps)



CONTINUED ON FOLLOWING PAGE

01

2014+ FORD FIESTA ST SILICONE RADIATOR HOSE KIT INSTALLATION GUIDE



06. Disconnect the electrical harness for the mass airflow (MAF) sensor. Unlock the connector by sliding the red locking tab out of the connector, then separate the connector from the sensor.



07. Remove the airbox isolator bushing. Remove the screw that runs through the center of the bushing. Then remove the bushing by pulling it upward. (1x T20 Torx screw)



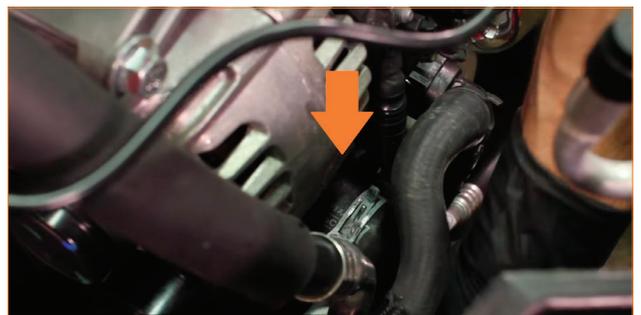
08. Separate the air intake duct from the radiator support by prying up on the edge near the center of the duct. Remove the air intake duct and airbox as one unit by pulling the airbox upward. The airbox is secured to the vehicle with two rubber grommets.



09. Locate the upper radiator hose. Disconnect the clip that secures the auxiliary coolant hose to the upper radiator hose.
10. Using pliers or a hose-clamp tool, compress the tabs on the clamp that secures the upper radiator hose to the engine, and slide the clamp down the hose. Remove the radiator hose from the engine. (1x spring-clamp)



11. Using pliers or a hose-clamp tool, compress the tabs on the clamp that secures the upper radiator hose to the radiator, and slide the clamp down the hose. Remove the upper radiator hose from the radiator. (1x spring-clamp)
12. Lubricate the inner lip of the Mishimoto upper radiator hose with fresh coolant, and slip two of the provided worm-gear clamps over the hose. Install the hose to the engine and radiator. Secure the hose with the worm-gear clamps. (2x worm-gear clamps)
13. Using pliers or a hose-clamp tool, compress the clamp that secures the lower radiator hose to the engine, and slide the clamp down the hose. Remove the hose from the engine. (1x spring-clamp)



CONTINUED ON FOLLOWING PAGE

02

2014+ FORD FIESTA ST SILICONE RADIATOR HOSE KIT INSTALLATION GUIDE



14. Lubricate the inner lip of the Mishimoto silicone lower radiator hose with fresh coolant, and install it onto the engine and radiator. Secure the hose with two provided worm-gear clamps. **Tip:** Before installing the hose, make sure the adjustment screw on the clamps is pointing in a direction that will make it easy to access with the hose installed. (2x worm-gear clamps)
15. Reinstall the airbox by pushing the pegs on the bottom of the airbox into the rubber grommets on the body of the vehicle.
16. Install the airbox isolator bushing, and secure it with the original Torx screw. (1x T20 Torx screw)
17. Reconnect the electrical harness for the MAF sensor, and lock the connector with the red tab.
18. Install the rubber intake hose, and secure it with the two worm-gear clamps. (2x worm-gear clamps)
19. Reconnect the evap hose to the rubber intake hose, and secure it with the green locking tab.
20. Install the engine cover by pushing it down over the studs on the engine.
21. Fill the system with premixed, Ford-approved coolant through the reservoir filler neck. Push down the bleeder valve on the radiator as you are filling the reservoir. Coolant will flow from the screw as air is released from the top of the radiator. Release the bleeder valve when coolant flows steadily from the valve.



22. Start the engine and allow it to idle with the cap off. Turn the heater control valve on the vehicle's HVAC unit to full hot, and put the fan on low. Monitor the engine temperature and coolant level in the reservoir. Add coolant as needed to maintain proper level in the reservoir, and check your connections for leaks. If the vehicle begins to overheat or coolant starts to overflow from the reservoir, shut off the engine and allow it to cool before continuing. Once the vehicle is fully warmed up and the coolant level has stabilized, allow the vehicle to cool off completely, and top off the coolant level.

Congrats! You just finished installing the 2014+ Ford Fiesta ST Silicone Radiator Hose Kit.



03