

2015+ MUSTANG ECOBOOST SILICONE HOSE KIT

PARTS LIST AND INSTALLATION GUIDE



PARTS LIST

2 PC | SILICONE HOSES

4 PC | WORM-GEAR CLAMPS

TOOLS NEEDED

5.5MM SOCKET

FLATHEAD SCREWDRIVER

7MM SOCKET

CHANNELLOCK PLIERS

10MM SOCKET

FUNNEL

1/4" DRIVE EXTENSION

FORD-APPROVED COOLANT

1/4" DRIVE RATCHET

INSTALLATION 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.

INSTALLATION INSTRUCTIONS

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.

- 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.** From underneath the vehicle, remove the fasteners that secure the undertray to the vehicle. Then remove the undertray. (14x 7mm screws, 6x pop-clips, 2x 5.5mm screws)

- 03.** Attach a hose to the petcock on the bottom of the stock radiator and place the other end of the hose in a drain pan or bucket. Loosen the petcock on the radiator to drain the coolant until the expansion tank is empty. Remove the cap on the expansion tank to speed up the draining process.



- 04.** Disconnect the electrical harness from the intake air temperature (IAT) sensor.



- 05.** Loosen the worm-gear clamp that secures the induction pipe to the airbox, and separate the induction pipe from the airbox.



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- 06.** Remove the 10mm bolt that secures the airbox to the driver-side fender. Remove the airbox from the vehicle by lifting it upward and tilting it to clear the radiator support. (1x 10mm bolt)



- 07.** Tighten the petcock after the coolant has finished draining.

- 08.** Compress the spring clamps that secure the upper radiator hose to the vehicle and slide them down the hose, out of the way. Then remove the upper radiator hose from the radiator and water outlet.



- 09.** Slip two worm-gear clamps over the Mishimoto upper radiator hose and install it on the vehicle. Secure the hose to the radiator and water outlet with the worm-gear clamps. (2x worm-gear clamps)



- 10.** Compress the spring clamps that secure the lower radiator hose to the vehicle and slide them down the hose, out of the way. Then remove the lower radiator hose from the vehicle.

- 11.** Slip two worm-gear clamps over the Mishimoto lower radiator hose and install it on the vehicle. Secure the radiator hose with the worm-gear clamps. (2x worm-gear clamps)

- 12.** Install the airbox and secure it to the fender with the original hardware. (1x 10mm bolt)

- 13.** Attach the induction pipe to the airbox and secure it with the worm-gear clamp.

- 14.** Connect the electrical harness to the IAT sensor.

- 15.** Remove the bleeder plug from the water outlet tube on the passenger side of the engine. Tip: use a 1/4" drive ratchet or extension to remove the plug.



- 16.** Fill the system with premixed, Ford-approved coolant through the reservoir filler neck. Reinstall the bleeder plug when coolant reaches the plug hole.

- 17.** 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 then top off the coolant level. Coolant level should be checked once more after putting in some miles.

- 18.** Check underneath the vehicle for leaks, and then reinstall the undertray. Secure it with the original hardware. (14x x 7mm screws, 6x pop-clips, 2x 5.5mm screws)

Congrats! You just finished installing the 2015+ Mustang Silicone Hose Kit.

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