

Thermo-Bob 3™ Installation Manual

“KT4F” Kit

2019-2022	KTM 450 SX-F, XC-F
2019-2022	Husky FC450, FX450
2020-2023	KTM450/500 EXC, XC-W
2020-2023	Husky FE450/501

If you have a bike **without** a factory thermostat

- 2019-2022 KTM 450 SX-F, XC-F
- 2019-2022 Husky FC450, FX450

... then the following pages show the installation.

If you have a bike **with** a factory thermostat

- 2020-2023 KTM450/500 EXC, XC-W
- 2020-2023 Husky FE450 or 501

... then you'll need to purchase KTM upper hose 79535024000. This allows you to remove the factory plastic thermostat assembly and hoses and use the purchased KTM upper hose to install the Thermo-Bob as shown on the following pages.

Thermo-Bob 3™

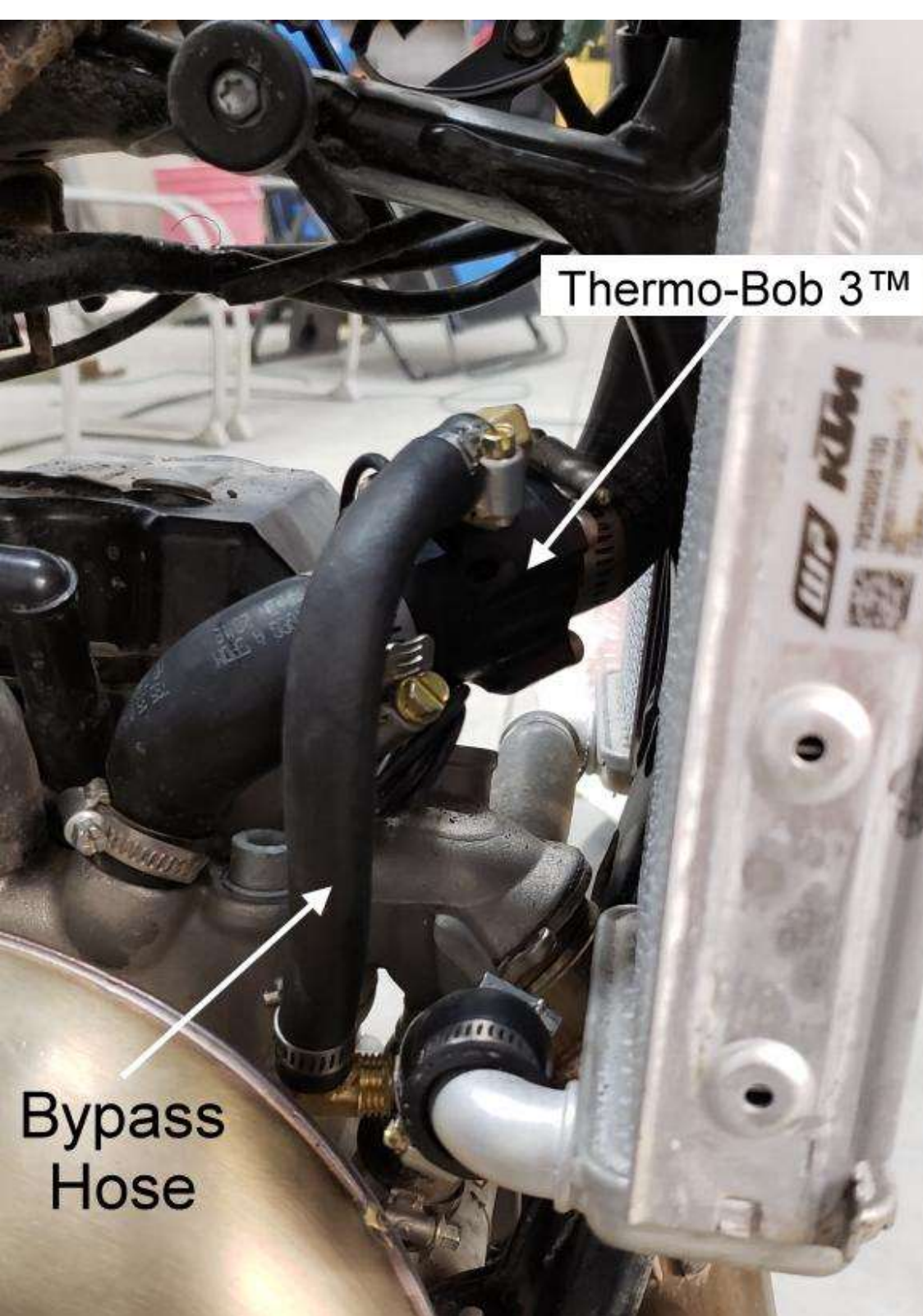


Thermo-Bob 3™ Installation KT4F Kit

You know the drill: drain coolant into suitable container, don't drain it when it's hot, keep away from pets as it's toxic, refill system after all parts are installed, double-check all clamps are tight, verify that radiators are full after first heat cycle.

The Thermo-Bob 3 housing has an additional threaded port for a KOSO or TRAIL TECH temperature sending unit (BSPP 1/8-28). Since either sensor uses two wires, an external ground is not required so it's best to use Teflon tape or a good Teflon sealant on the temperature sensor threads during installation to avoid leaks.

Remove a 1.9 inch section of factory hose that connects the engine exit to the radiators, insert the Thermo-Bob 3 in that section as shown on the left. Note that the Thermo-Bob's cap screws face to the left side of the bike, not towards the camera.



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Remove a 5/8 inch section of the original hose that travels from the bottom of the right radiator to the engine block. Insert the supplied bypass tee into the original hose with the brass barb aimed 'up' as shown on the left. (If your bike had a factory thermostat, you'll simply place the supplied brass tee in place of the factory plastic bypass tee that you removed). Due to the proximity of the exhaust header, you might find it easier to install the supplied bypass hose and clamp onto the bypass tee before the tee is slid into the return hose.

Cut the bypass hose to an appropriate length. Slide the remaining small clamp onto the center of the bypass hose, then dip the free end of the bypass hose in coolant and wipe off the outside. This will lubricate the inside of the bypass hose, making it easier to slide on to the Thermo-Bob's brass barb.

Slide all clamps into place and tighten.

Double-Check that all clamps are tight before refilling the cooling system.