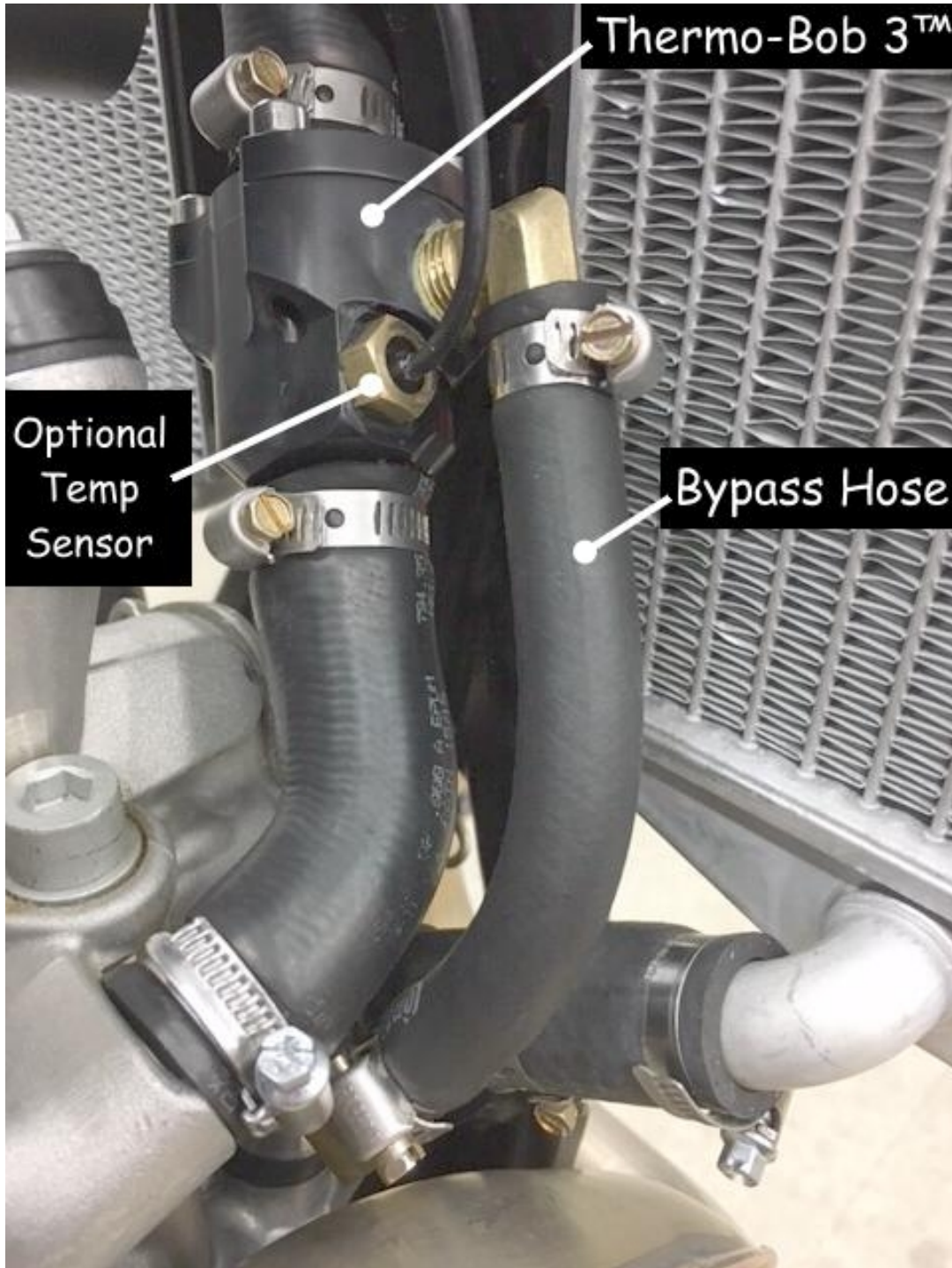


Thermo-Bob 3™ Installation Manual

2016-2018 KTM 450 SX-F XC-F
2016-2018 Husky FC450, FX450
“KT4B” kit



Thermo-Bob 3™ Installation 2016-2018 KTM450 SX-F, XC-F, 2016-2018 Husky FC450 and FX450:

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 up, not down.

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 bypass tee into the original hose with the brass barb aimed 'up' as shown. Due to the proximity of the exhaust header, you might find it easier to install the 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.