Thermo-Bob 3™ Installation Manual

"WR4" kit

Yamaha WR450F, 2003-2015

Yamaha YZ450F, 2003-2009

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Thermo-Bob 3™ Installation

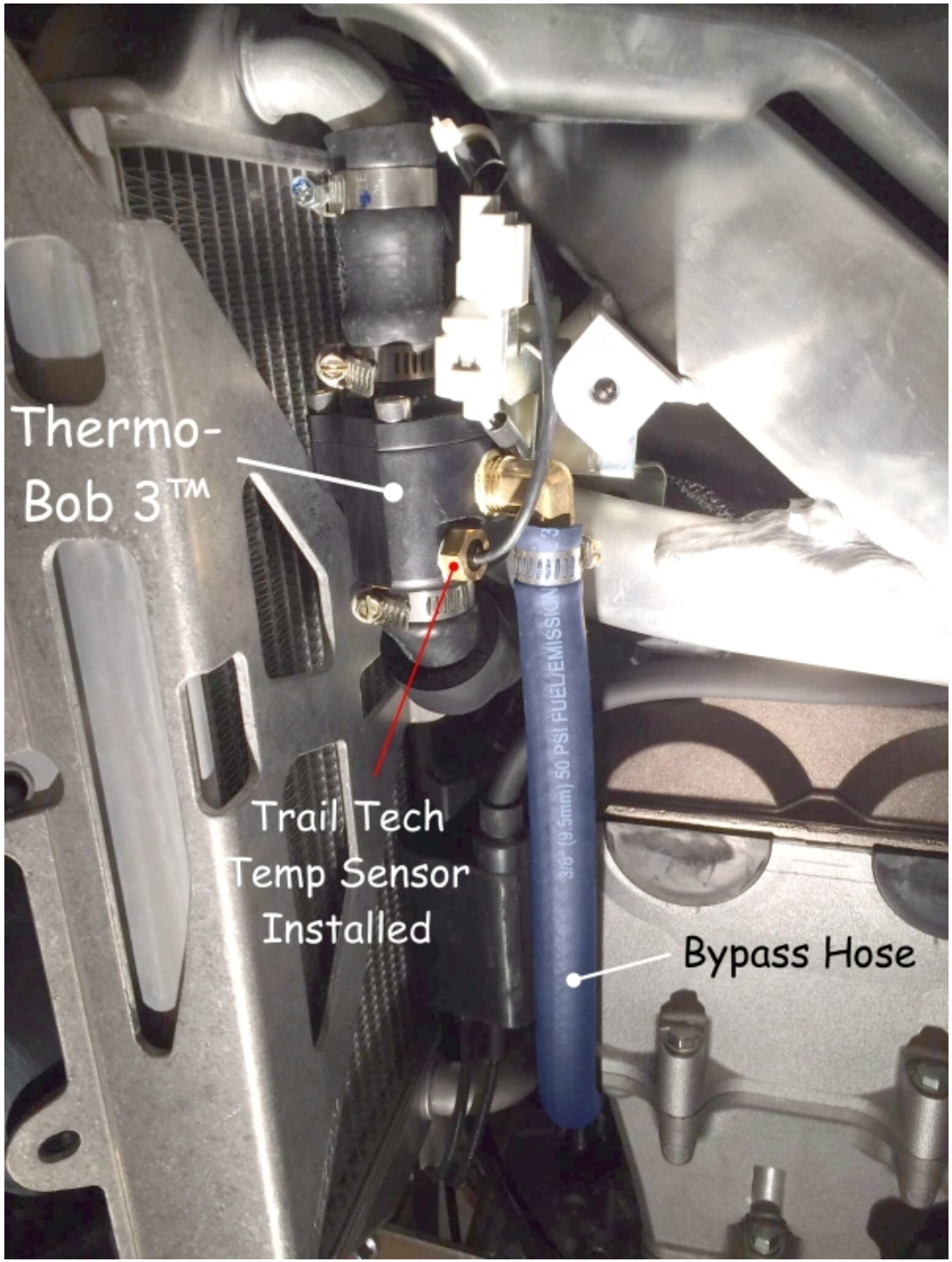
Yamaha WR450F, 2003-2015
Yamaha YZ450F, 2003-2009
(Installation on 2012 WR450F shown)

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.

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

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.

The bypass hose is colored blue for easy identification and is discussed on the next page.



Thermo-Bob 3™ Installation

Yamaha WR450F, 2003-2015

Yamaha YZ450F, 2003-2009

(Installation on 2012 WR450F shown)

The bypass hose is colored blue for easy identification.

Remove a 5/8 inch section of the Yamaha hose that travels from the bottom of the left radiator to the Y-fitting at the coolant pump. Insert the bypass tee into the Yamaha hose with the brass barb aimed to the left side of the bike as shown.

Slide the supplied small clamps onto the center of the bypass hose, then dip both ends 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 brass barbs.

Trim the length of the bypass hose as required. Slide one end of the bypass hose on to the brass barb on the Thermo-Bob 3, and the other end on to the brass barb on bypass tee. Slide the clamps into place and tighten.

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