

INSTALLATION INSTRUCTIONS

SX-F 450 07-09, SX-F 250 08-09, SX-F 505 08, XC-F 450/505 08-09

STEP 1: BEFORE YOU BEGIN

WARNING:

TRAILTECH FLYWHEELS WILL CHANGE THE PERFORMANCE OF YOUR VEHICLE. It is recommended that you spend the time necessary to familiarize yourself with the performance changes and become comfortable with the way the bike produces power with the new part.

A flywheel puller is **REQUIRED** for this installation.

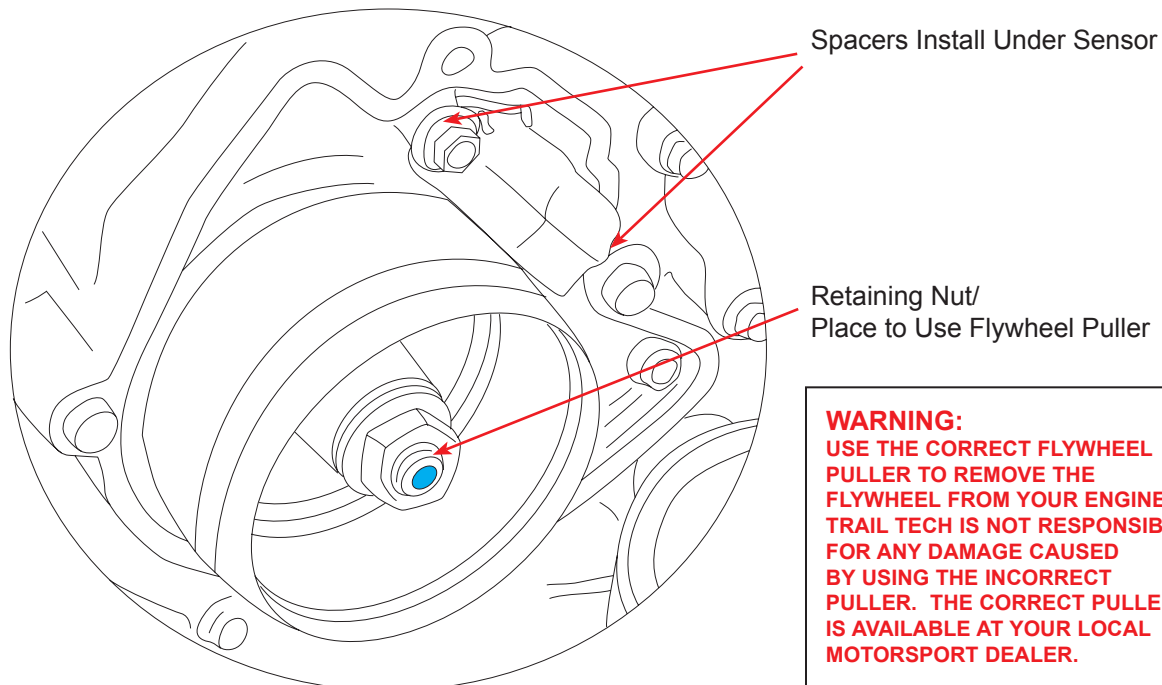
TRAIL TECH IS NOT RESPONSIBLE FOR ANY DAMAGE CAUSED BY USING THE INCORRECT PULLER.

A new gasket may also be necessary.

An impact ratchet is highly recommended.

STEP 2: INSTALL FLYWHEEL

1. Shut the gas supply off on the bike, then lay it over on its side. A small amount of gas will leak from the overflow tubes when the bike is first laid down.
2. Remove the shifter bolt and shifter.
3. Remove the (4) m6 bolts holding the side cover on.
4. Remove any zip ties securing the stator wires to give the cover some room to move it to the side.
5. Remove side case and lay it next to the main case. **TAKE CARE** - do not allow the two alignment pins to come loose from the side case. They **CAN** stay in the side case or in the main case, but you don't want them to fall out and get lost; or, even worse, dropped in the oil for later consumption by the motor!!
6. Use a 14mm socket and impact ratchet to remove the flywheel retaining nut. If an air ratchet is not available, place the bike in 4th or 5th gear and hold the rear brake while removing the 14mm flywheel nut.
7. Use flywheel puller to remove the flywheel.
8. Install provided spacer underneath sensor to raise it up slightly into a better position.
9. Install new flywheel and torque flywheel nut to OEM torque spec. of 44ft lbs. Do not use thread locking compound.
10. Replace the side case. Use a new gasket if necessary. Torque side case bolts to 7 foot pounds.
Do not overtighten these bolts!
11. Replace the shifter. Make sure the bolt threads in smoothly - cross threading is easy.



LIMITED WARRANTY

TRAILTECH INC. WARRANTS TRAIL TECH FLYWHEEL PRODUCTS TO BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP UNDER NORMAL USE AND IF PROPERLY INSTALLED FOR A PERIOD OF SIX MONTHS FROM DATE OF PURCHASE. IF FOUND TO BE DEFECTIVE AS MENTIONED ABOVE, IT WILL BE REPLACED OR REPAIRED. THIS SHALL CONSTITUTE THE SOLE REMEDY OF THE PURCHASER AND THE SOLE LIABILITY OF TRAILTECH INC. TO THE EXTENT PERMITTED BY LAW, THE FOREGOING IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OR REPRESENTATIONS WHETHER EXPRESSED OR IMPLIED, INCLUDED ANY LIMITED WARRANTY OF MERCHANTABILITY OR FITNESS. IN NO EVENT SHALL TRAILTECH INC. BE LIABLE FOR SPECIAL OR CONSEQUENTIAL DAMAGES.