

FLYWHEEL INSTALLATION INSTRUCTIONS

07-10 250-450 SX-F, 08-09 450-505 XCF, 07 SMR

WARNING: This Steahly Flywheel will change the performance of your motorcycle. You must spend the time necessary to familiarize yourself with the performance changes and become comfortable with the way the bike delivers power with the new Steahly Flywheel.

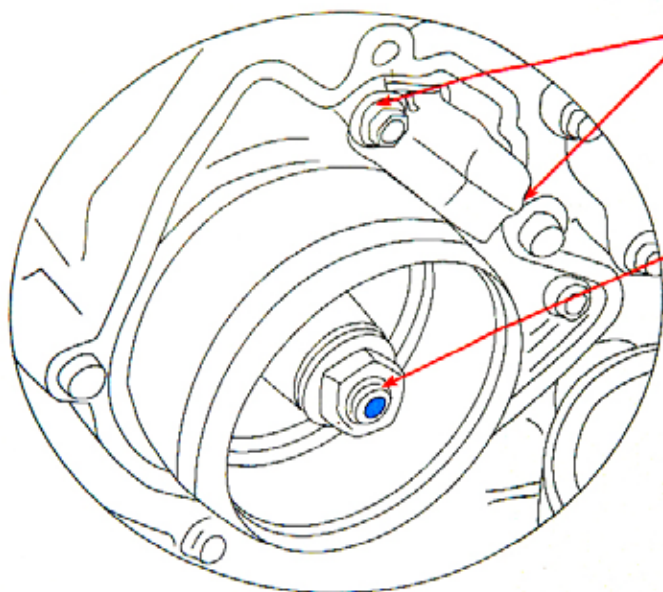
A Flywheel Puller is required to install your Steahly Flywheel. Part number E-46.

Steahly Off Road Is Not Responsible for any damage caused by using the incorrect puller.

A new gasket may also be necessary.

1. Turn off gas. Lay bike on it's side. A small amount of gas may leak from the overflow tubes when the bike is first laid down.
2. Remove the shifter bolt and shift lever.
3. Remove the (4) 6mm 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 the main case, but don't let them fall out or get lost; or even worse, dropped in the oil for later consumption by the motor!!
6. Use a 17mm 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 17mm flywheel nut.
7. Use the correct E-46 flywheel puller to remove the stock flywheel.
8. Install the provided spacer under the sensor to raise it up slightly into a better position.
9. Install new flywheel and torque flywheel nut to OEM torque spec. of 44 ft-lbs. Do not use thread locking compound.
10. Replace the side case. Use a new gasket if necessary. Torque side case bolts to 7 ft-lbs. Do not overtighten these bolts!

IMPORTANT: On non-electric start (kick start only) 250 SX-F models you must add 100 ml of light weight motor oil (5w or 10w) to the ignition case. The weep holes found at the bottom of the case must first be sealed. High temperature silicon sealant may be used if allowed to dry for 24 hours. Be sure the gasket is in good condition. The kick start only 250 SX-F normally has a dry ignition, but the increased heat from this heavier flywheel may damage your stock stator if oil is not added. Failure to add oil will void any warranty on this flywheel.



Spacers install under sensor

Retaining nut - use flywheel puller here after removing the nut

WARNING:
USE THE CORRECT FLYWHEEL PULLER TO REMOVE THE FLYWHEEL FROM YOUR ENGINE (STEAHLY PART NUMBER E-46). STEAHLY OFF ROAD PRODUCTS IS NOT RESPONSIBLE FOR ANY DAMAGE CAUSED BY USING THE INCORRECT PULLER.