

INSTALLATION INSTRUCTIONS HONDA TRX450R FLYWHEELS

STEP 1: BEFORE YOU BEGIN

WARNING:

ALL TRAILTECH FLYWHEELS WILL CHANGE THE PERFORMANCE OF YOUR VEHICLE. It is highly 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.

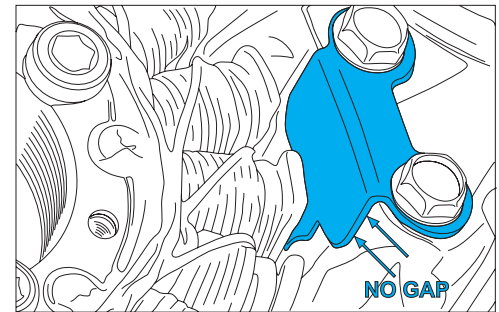
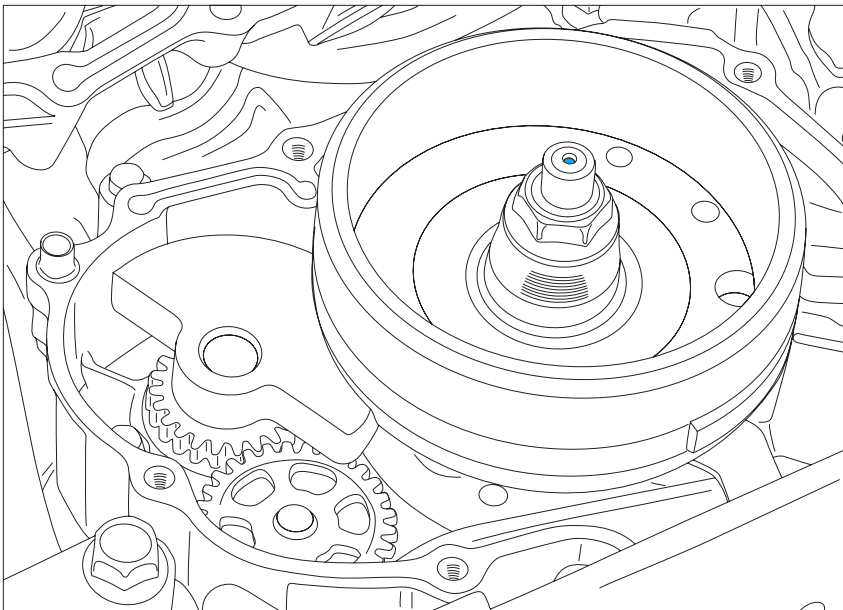
You will need a Honda TRX450R flywheel puller [6600-PO1] for this installation.

You may need a Honda TRX450R OEM gasket [6600-G01].

An impact ratchet is also highly recommended.

STEP 2: INSTALL FLYWHEEL

1. Shut the gas supply off on the quad, then tip it up on its side. A small amount of gas will leak from the overflow tubes when the quad is first laid on it's side.
 2. Remove shifter pinch bolt & shifter.
 3. Remove (9) M6 bolts holding the side cover on.
 4. Remove side case and place it out of the way. **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!!
 5. Use a deep 17mm socket and impact ratchet to remove the flywheel retaining nut. If an air ratchet is not available, hold the rear wheels while removing the 17mm flywheel nut.
- Note: If a Deep socket is not used damage to the crankshaft oiler may occur.
6. Use flywheel puller to remove the flywheel. Remember to install protective nut on to crankshaft to avoid damage to end of the crankshaft. (Note: there is a small hole on the shaft that allows for oil flow to the crankshaft - using the correct flywheel puller will protect this hole).
 7. Install the flywheel and torque flywheel bolt to OEM torque specifications 65Nm (47ft lbs). Do not use thread locking compound. Replace the side case. Use a new gasket if necessary. Torque side case bolts to 10Nm (7.2ft lbs). Do not over tighten these bolts!
 8. Replace the shifter. Make sure the bolt threads in smoothly - cross threading is easy.



For the heavy TRX flywheel installation (plus 8 ounces), it is necessary to move the bracket shown in the picture over so that it is flush with the side of the case. This can be achieved by increasing the size of the (2) holes in the sheet metal bracket. If this modification is not done, the flywheel will not be able to spin freely. There should be no gap between sheet metal bracket and side case when the modification is done correctly.

LIMITED WARRANTY

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