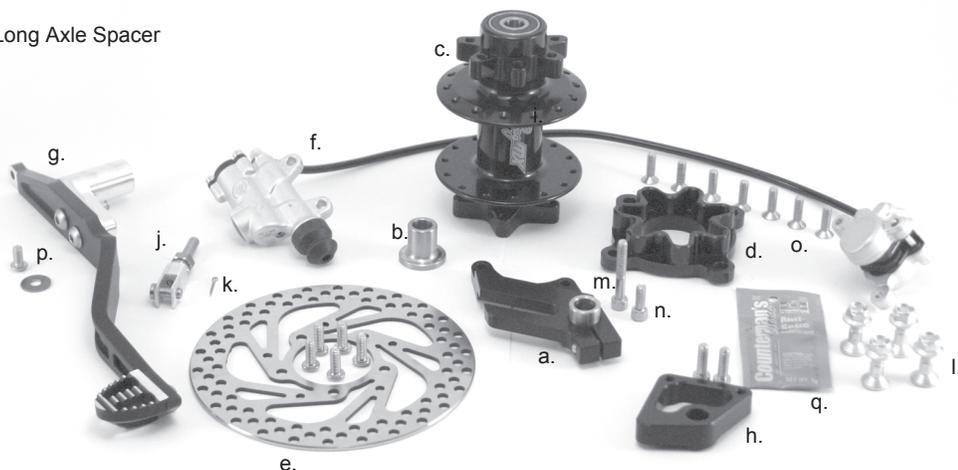


REEG MX REAR HUB AND HYDRAULIC BRAKE KIT

KIT CONTENTS:

- a) Caliper Mount (Reeg Swingarm Style Shown) w/Long Axle Spacer
- b) Short Axle Spacer
- c) Hub
- d) Sprocket Adapter
- e) Rotor
- f) Brake System - Caliper and Master Cylinder
- g) Pedal Assembly
- h) Master Cylinder Mount
- i) Anti-Seize
- j) Push Pin Assembly
- k) Cotter Pin
- l) Honda OEM Sprocket Bolts/Nuts
- m) Caliper Bolt (Short)
- n) Caliper Bolt (Long)
- o) Sprocket Adapter Bolts (7)
- p) Brake Lever Post Bolt and Washer
- q) Anti-Seize
- r) Long Zip Tie x 2 (Not Shown)
- s) .3" Footpeg Mount Spacers x 4 (Not Shown)
- t) .225" Footpeg Mount Spacers x 2 (Not Shown)
- u) Motor Mount Bolts w/Lock and Finish Washers x 4 (Not Shown)



ASSEMBLY:

STEP 1) Once the hub is laced (See reverse for lacing instructions.), use a Q-Tip to apply an even amount of anti-seize to the interior walls of the sprocket adapter. This prevents the aluminum from binding in the event that you need to disassemble your hub in the future. Press and bolt the sprocket adapter into place and bolt on your sprocket. Use blue thread lock to help prevent sprocket adapter and rotor bolts from vibrating loose during riding. Although not required, consider applying blue thread lock on other bolts such as the pedal tip and pivot bolts to further help prevent loose bolts. **Requires CRF/XR50 sprocket. Will not work with KLX/DRZ110 sprocket bolt hole pattern.**

STEP 2) Bolt the brake rotor onto the hub assembly, and use a star pattern when tightening to prevent warping the rotor.



STEP 3) If you are facing the rear of the bike, insert your axle from the left (chain) side of the swingarm and line up the spacers, hub/wheel, and caliper mount (loosen the caliper mount pinch bolt first) as shown in diagram A.

CAUTION! Tighten your axle bolt between 36 and 72 ft. lb. Exceeding 72 ft. lb. can cause the bearings to bind.

STEP 4) Remove stock brake pedal, footpeg mount, and swingarm pivot nut. If the pivot nut is on the left (chain) side of the bike, reinstall the pivot bolt so that the head is on the left (chain) side and the pivot bolt nut is on the right (brake) side.

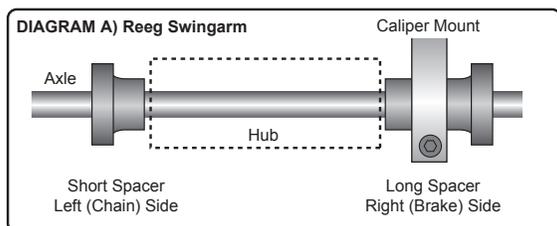
STEP 5) Attach the push pin assembly (j) to the pedal arm using the cotter pin (k). Attach pedal tip to pedal arm (blue locktite highly recommended). Bolt the pedal pivot to the frame with the pedal post bolt and washer (p). Bolt the pedal arm to the pedal pivot using one regular button head bolt and one that's been modified (notched) to clip into the return spring. Hook return spring to modified bolt and return spring post.

STEP 6) Install mastercylinder mount ensuring the smaller, non-threaded hole on the back of the mount is locked into place on the same post used to secure the return spring. Install brake system (f), and check push pin alignment with mastercylinder. Removing the mastercylinder's rubber boot will help spot misalignment. You may need to add a washer behind the mastercylinder mount for proper alignment. If this creates clearance problems with the kick starter, instead of using the washer, adjust the brake arm alignment by using a large crescent wrench clamped to the back of the arm and bend it the minimum amount needed. Align the caliper by applying the brake and adjusting the mount so that it's centered to the rotor. Once centered, tighten pinch bolt, and recheck alignment visually.

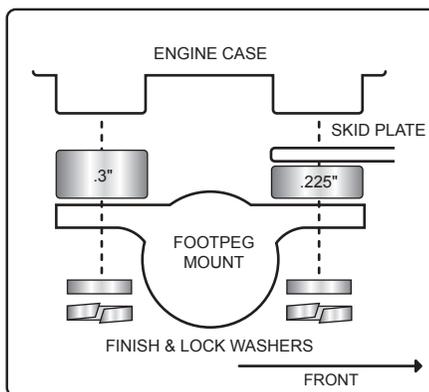
STEP 7) Reinstall your footpeg mount using the aluminum spacers and supplied motor mount bolts (w/finish and lock washers - not using washers can cause the bolts to bottom out and engine case damage). See diagram B (2 x .3" spacers, 2 x .225" spacers) if you're using a stock style skid plate or diagram C (4 x .3") if no skid plate is used. Additionally, you can have a BBR style skid plate's rear posts machined down to .3" and used in the place of front footpeg mount spacers.

STEP 8) **SECURE THE HYDRAULIC CABLE TO THE SWINGARM WITH ZIP TIES TO PREVENT THE CABLE FROM GETTING CAUGHT IN THE WHEEL.**

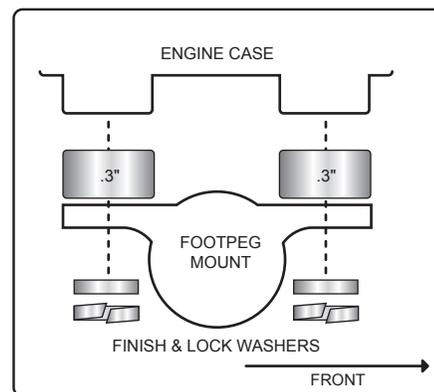
DIAGRAM A) HUB SPACER ALIGNMENT



**DIAGRAM B)
SKID PLATE FOOTPEG MOUNT SPACERS**



**DIAGRAM C)
NO SKID PLATE FOOTPEG MOUNT SPACERS**



QUESTIONS?
email: info@reegmx.com