

Hallelujah!!!!

Rejoice sinner for you have been saved! Your contribution to the SOULCRAFT collection basket will free your soul so you can ride your bike with a clean conscience, knowing that you have shed the overbearing weight of the evil products of technological "progress". At least until the collection basket is passed around again.

There are a few points to keep in mind before beginning your conversion.

- New drivetrain components (chain, rear cog, and chainring) are recommended when installing your Convert.
- **STRAIGHT-CUT COGS AND CHAINRINGS ONLY!** Under no circumstances are you to run any type of rear cog or chainring that is designed with "shifting enhancers". This means no Hyperglide, Superglide, Astroglide, or whatever the heck the things are called these days.
- Single speed hubs have fixed rear cog spacing. For single speed hubs, chain alignment is accomplished by aligning the chainring with the rear cog, instead of using spacers to align the rear cog with the chainring. Some rear cog/chainring misalignment is OK (no more than 3mm).
- **DO NOT USE THE CONVERT WITH FIXED-GEAR HUBS.**

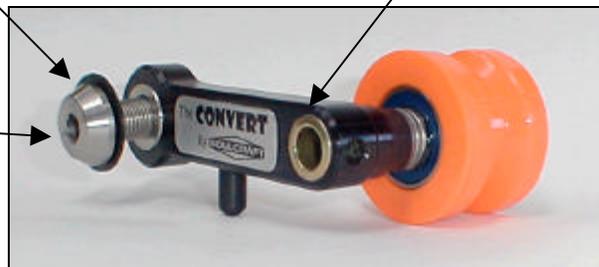
Convert Components

- 1 - Arm Assembly (Convert Arm, Convert Decal, Main Bushing, Push Rod Cap, Push Rod Roll Pin, Push Rod, Push Rod Spring, Roller, Nylon Roller Spacer, Roller Alignment Washers, Roller Axle Bolt, Roller Axle Bolt Threaded Insert) - "Assembly" is the key word here. These parts are pre-assembled. No assembly required. Batteries still not included.
- 1 - Mounting Bolt
- 2 - Thin Main Bushing Washers
- 1 - Thick Main Bushing Washer
- 1 - Instruction Manual

Thin Main Bushing Washer (1 pictured on outside - one is placed on the inside as well)

Mounting Bolt

Arm Assembly (Convert Arm, Convert Decal, Main Bushing, Push Rod Cap, Push Rod Roll Pin, Push Rod, Push Rod Spring, Roller, Nylon Roller Spacer, Roller Alignment Washers, Roller Axle Bolt, Roller Axle Bolt Threaded Insert)



The SOULCRAFT Conversion Kit includes these Top Notch parts:

- 1 - SOULCRAFT Convert
- 1 - Straight cut rear cog (NOTE! - no "shifting enhancers")
- 1 - Straight cut front chainring (NOTE! - no "shifting enhancers")
- 5 - Chainring bolts
- 1 - Chain
- 5 - Rear cog spacers (1 - 15mm, 1 - 10mm, 1 - 4.5mm, and 2 - 2mm)
- 1 - Instruction Manual

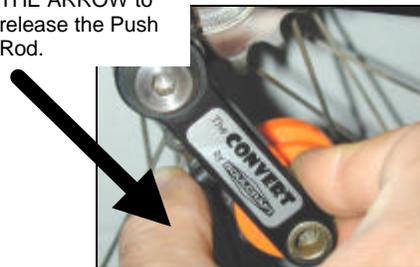
Convert Installation

1. Eyeball the initial chain alignment to establish approximate rear cog position.

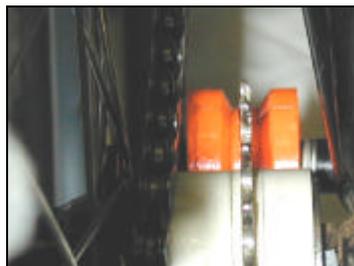


2. Determine the correct chain length.
3. Check the derailleur hanger for burrs, thread damage, or misalignment. File off any burrs, repair damaged threads, and verify that the face is clean and square. It is best to remove the paint from the derailleur hanger face.
4. Install the Convert. The two thin Main Bushing Washers are placed on either side of the arm. The thick Main Bushing Washer may be used in place of/in conjunction with a thin washer to eliminate any side play in the arm.

SLIDE THE
PUSH ROD CAP
IN THE
DIRECTION
INDICATED BY
THE ARROW to
release the Push
Rod.



5. Verify that the center of the Roller lines up with the centerline of the rear cog.



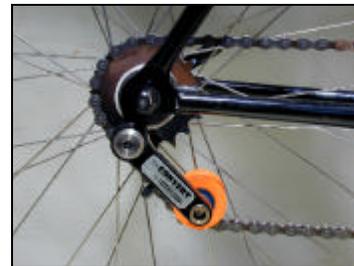
6. We recommend installing the Convert in the pushing position if your chain length will allow it. The final torque specification on the Mounting Bolt is 15 ft.-lbs. (180 in.-lbs. or 20 N-m).

Look like a pro and allow for a small amount of slack in your chain. Sometimes it pays to be a slacker. Push Rod operation will be a little easier with a slight amount of slack in the chain.

Pushing Position



Pulling Position



Thanks for supporting SOULCRAFT.

For more information, call 1-707-775-BIKE.

For those of you who are into "high - tech", you can "surf" to our website located on the World Wide Web at: www.soulcraftbikes.com

Once there, you can find a detailed version of these instructions.