

## Service Instructions – Rear Hubs

### • SRC/SRX

#### **Warning:**

We highly recommend you have a qualified mechanic at a professional bike shop install and service your Sun Ringle components with proper tools. Improper assembly and/or adjustment can significantly compromise the strength and life span of your Sun Ringle hubs and could result in premature failure of components. Use only Sun Ringle replacement parts. Make sure service was performed correctly by testing in a controlled environment, away from any hazards. Failure to follow instructions may result in failure of product and personal injury.

#### **Tools Needed:**

Sun-Ringle BSHUBTOOL

17mm Cone Wrench

Park Tool SPA-2 Red Freewheel Spanner (Jumping Flea)

Appropriate Hub Bearing Press and over axle hardware, such as the Wheels Mfg PRESS1 and PRESS3

Rubberized dead blow hammer

Freewheel/Freehub oil

#### **Disassembly**

1. Remove non drive side end cap by pulling it straight off of the axle.
2. Place BSHUBTOOL in the end of the non drive side axle.
3. Place the 17mm cone wrench on the drive side end cap and loosen end cap while holding BSHUBTOOL still.
4. Pull the cassette body straight off of the axle.
5. Using the appropriate hub bearing press, pull the bearings out of the cassette body.
6. Remove the bearings from the hub shell by hitting the end of the axle with the dead blow hammer.

#### **Reassembly**

1. Place one bearing on the non drive side axle and guide it into the hub shell. Place other bearing on the drive side of the axle. Use the bearing press to seat both bearings in the hub shell.
2. Press each bearing in the cassette body one at a time, insuring to place bearing spacer in between the two bearings.
3. Place drive side bearing spacer on the axle.
4. Add .5 oz of freehub oil in the cavity of the hub shell.
5. Slide cassette body on to axle, rotating it counter clockwise as you do so to collapse the pawls to allow them to pass into the hub shell cavity.
6. Thread the drive side cone onto the axle.
7. Insert BSHUBTOOL into the non drive side of the axle and use the 17mm cone wrench to tighten the drive side cone to 17.70 in lbs. [2 Nm].

## WARRANTY INFORMATION

Any Hayes Bicycle Group component found by the factory to be defective in materials and/or workmanship within one year from the date of purchase will be repaired or replaced at the option of the manufacturer, free of charge, when received at the factory with proof of purchase, freight prepaid. Any other warranty claims not included in this statement are void. This includes assembly costs (for instance by the dealer), which shall not be covered by Hayes Bicycle Group. This warranty does not cover breakage, bending, or damage that may result from crashes or falls. This warranty does not cover any defects or damage caused by alterations or modifications of new Hayes Bicycle Group parts or by normal wear, accidents, improper maintenance, damages caused by the use of parts of different manufactures, improper use or abuse of the product, or failure to follow the instructions contained in an instruction manual for the specific component. Any modifications made by the user will render the warranty null and void. The cost of normal maintenance or replacement of service items, which are not defective, shall be paid for by the original purchaser. This warranty is expressly in lieu of all other warranties, and any implied are limited in duration to the same duration as the expressed warranty herein. Hayes Bicycle Group shall not be liable for any incidental or consequential damages. If for any reason warranty work is necessary, return the component to the place of purchase. In the USA, contact Hayes Bicycle Group for a return authorization number (RA#) at (888) 686-3472. At that time, instructions for repair, return, or replacement shall be given. Customers in countries other than USA should contact their dealer or local Hayes Components distributor.