Step 1
Using a 2mm allen wrench, loosen the axle cap on both sides of the hub and remove the end caps (see photos ’ 1, 1.1, 1.2)

Step 2
Using a rubber mallet, strike the left side of the axle, removing the axle from the hub shell (see photo 2, 2.1)

Step 3
Insert a metal rod into the hub shell from the RH side, then strike the rod with the mallet knocking the LH bearing out. (see photo 3, 3.1)

Step 4

Using a 12mm allen wrench, insert it into the hub body side, using a 7/16 ” allen wrench, insert it into the cassette side. Now in a counter clockwise motion, twist both wrenches, loosening the freehub body nut. Note; this maybe extremely tight. Remove the wrenches, remove the nut and the freehub body. The final dis-assembly is complete and should look like this (see photo 4, 4.1, 4.2)

Step 1
Take the two pieces (hub shell and freehub body), place the FH body onto the hub (careful to align it properly)

Using the same 12mm & 7/16 ” allen wrenches insert them into the hub. Tighten the nut to 500-600 kgf/cm (see photo1.1, 1.2, 1.3)

Step 2
Take the loose bearing and place it in the LH side of the hub shell (see photo 2, 2.1)

Step 3
Using the soft side of the rubber mallet, gently tap the bearing into the hub shell until it is properly seated in the hub shell (see photo 3.1)

Step 4
Insert the axle into the cassette side of the hub

Step5
Insert the cassette side bearing into the cassette body, softly using the rubber mallet to seat the bearing in place (see photo 5.1)

Step 6
Replace the axle cap to the cassette side of the hub, tighten with the 2mm allen wrench.

Step 7
Replace the outer water seal to the cassette side

Step 8
Replace the outer washer seal to the hub shell side

Step 9
Replace the outer axle cap to the hub side and tighten down using the 2mm allen wrench