

# Technical Bulletin

## *IZIP E3 DASH*

### *Bottom Bracket Adjustment*



**ATTENTION:** The bottom bracket cups may be loose! This may allow the bottom bracket sensor to rotate within the shell and result in damaged wires and intermittent or no assist.

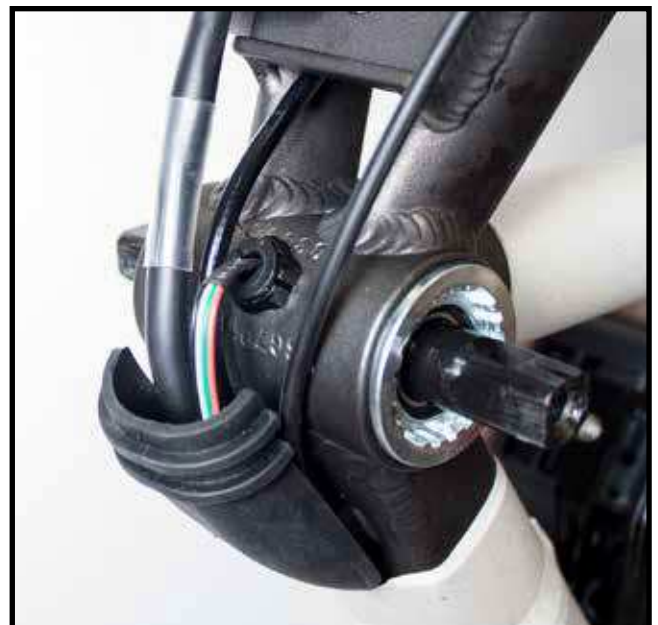
Please follow the instructions below to properly check and tighten the bottom bracket cups.

Required tools:

- 8mm allen wrench
- Crank puller
- Shimano Bottom Bracket tool (Park BBT-22 or similar)
- 14mm open-end wrench
- Torque wrench

#### Step 1:

Using the 8mm allen wrench, remove the cranks bolts for both the right and left cranks. Remove both cranks using a crank puller tool, and set aside. Note position of cranks on spindle for later installation.



### Step 2:

Remove the plastic insert within the nut in the center of the bottom bracket shell, then using the 14mm open-end wrench, remove the nut. Inspect the sensor cable for any damage. If the housing is cut or if there are any bare wires exposed, the sensor must be replaced. Please see the Currie Tech Dealer Support website for further instructions.



### Step 3:

Loosen the non-drive (left) side bottom bracket cup using the Shimano bottom bracket tool.



#### Step 4:

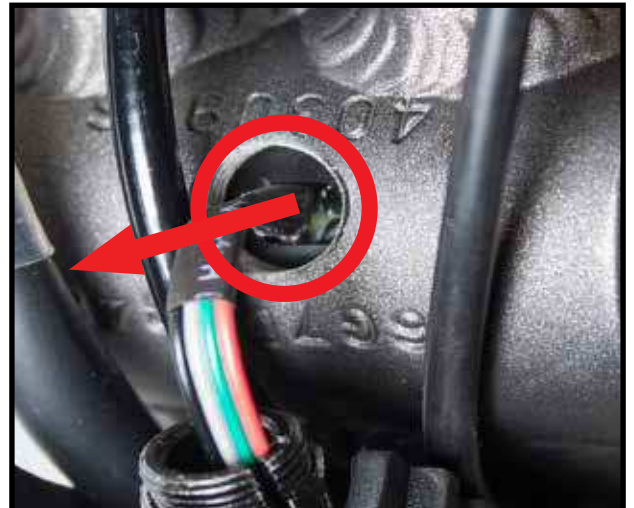
Gently tap the bottom bracket spindle toward the left to free it from the right side cup. Then using a torque wrench and the Shimano bottom bracket tool, tighten the drive side bottom bracket cup to 60Nm (44 ft-lb).

**\*NOTE:** Drive side cup is reverse threaded. To tighten, turn counter-clockwise.



#### Step 5:

Press the bottom bracket firmly back toward the right side and align the sensor cable such that it exits through the center of the hole in the bottom bracket shell.





### Step 6:

Reinstall the nut and plastic insert.

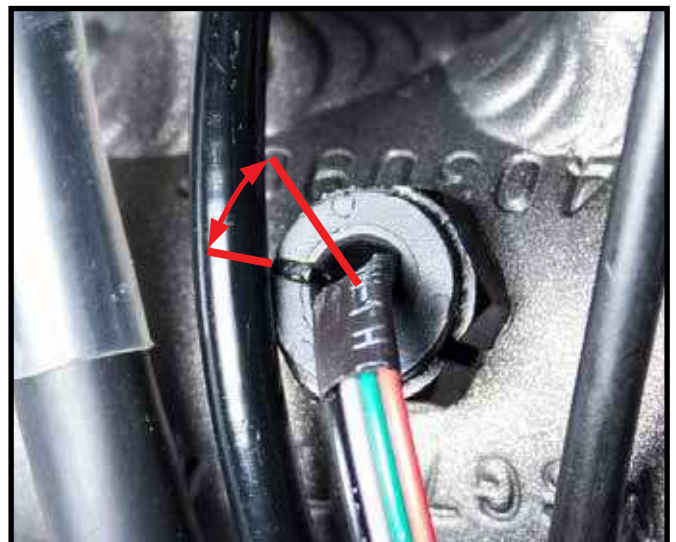
**\*NOTE:** The plastic insert can only be installed in one direction. The small tooth on the end of the insert must face the drive side and it must be inserted completely into the nut.



### Step 7:

Using a torque wrench and the Shimano bottom bracket tool, tighten the non-drive (left) side bottom bracket cup to 40 Nm (30 ft-lb).

**NOTE:** Sensor cable may move during tightening which may cause the insert to rotate. By using the split line of the insert as a reference, the insert can safely rotate between 9 o'clock and 11 o'clock. If the insert rotates more than this amount, remove the insert and nut, and inspect the sensor cable. If damaged, the bottom bracket must be replaced.



## Step 8:

Reinstall cranks and crank bolts.

**\*NOTE:** The white line on the bottom bracket spindle should face upward with the drive side crank facing forward.

