

	<b>BULLETIN, FIELD SERVICE, ELECTRONIC STEERING UNIT</b>	<b>DOCUMENT NUMBER</b> 1140.0008.01	<b>REVISION</b> 02
<b>SECTION/CATEGORY</b> <b>Customer Service</b>	<b>UPGRADE KIT INSTALL, S3U/Y</b>	<b>DATE</b> OCTOBER 28, 2010	<b>PAGE</b> 1 of 4

**1.0 PURPOSE**

This document highlights the procedure to install ELECTRONIC STEERING UNIT UPGRADE KIT.

**2.0 SCOPE**

This procedure covers the preparation and installation of the steering assembly to install the new electronic steering unit.

**3.0 SERVICE PARTS AVAILABLE FOR PURCHASE**

Parts available on the online store at: [ifholdings.biz](http://ifholdings.biz)

<b>S3u steering assembly</b>	
<b>ELECTRONIC STEERING UNIT UPGRADE KIT</b>	

## 4.0 PROCEDURE

### 4.1. Steering assembly preparation

4.1.1. Power off and unplug the bike.

4.1.2. Remove the water bottle holder and covers from the steering assembly area.



4.1.3. Remove the four (4) bolts holding the steering assembly.

4.1.4. Disconnect the connectors that are attached to the steering assembly.

Note: NOVO bikes connections would have to be removed at the console.



4.1.5. Remove the steering assembly from the bike.

### 4.2. Electronic Steering Unit installation

- 4.2.1. Remove the screws from potentiometer mounting bracket.



- 4.2.2. Remove the set screw for the potentiometer.



- 4.2.3. Install the Electronic steering unit making sure that the printed circuit board is facing in the up position as shown below making sure the screws are hand tight.

**Note: Reuse old hardware (screws) from the bracket.**



- 4.2.4. Install magnetic arm as show.



### 4.3. Steering Installation

- 4.3.1. Re-install Steering assembly.
- 4.3.2. Reconnect all cables
- 4.3.3. Reinstall covers.

### 4.4. Steering Calibration

- 4.4.1. Go into Manual mode.
- 4.4.2. key in: 7 9 1 3 to access the Configuration screen
- 4.4.3. Go to Configure Bike -> Calibrate steering and follow the on-screen instructions to calibrate the steering.

**For additional technical support the IFH customer service team can be reached at:**

888-528-8589 Ext:2

From 6:30am to 5pm (Pacific Standard Time)

Or via email at:

[support@ifholdings.com](mailto:support@ifholdings.com)