

Speed by Design

A product of Unlimited Bagger

IMPORTANT!

09 to Current Straight Up Electric Billet Center Stand

Dealer and/or Customer must complete the following items:

Center Stand Checklist

- 1. Complete the Measurement Guide**
- 2. Read the Operation Instructions**
- 3. Read the Installation Instructions**
- 4. Read the Limited Warranty**

**Custom feet for the Center Stand will not be shipped until the four items above are read and completed by Dealer/Customer.*

I, _____ have read, understood and accepted the instructions, terms and conditions contained in the attached documents, provided all necessary information and completed the checklist above. I have provided Speed by Design with the correct measurements and Installation Instructions. I have signed all of the requested documents.

Signature: _____ Date: _____

Please fill out and fax to 951.898.6461 or email to speedbydesign@gmail.com

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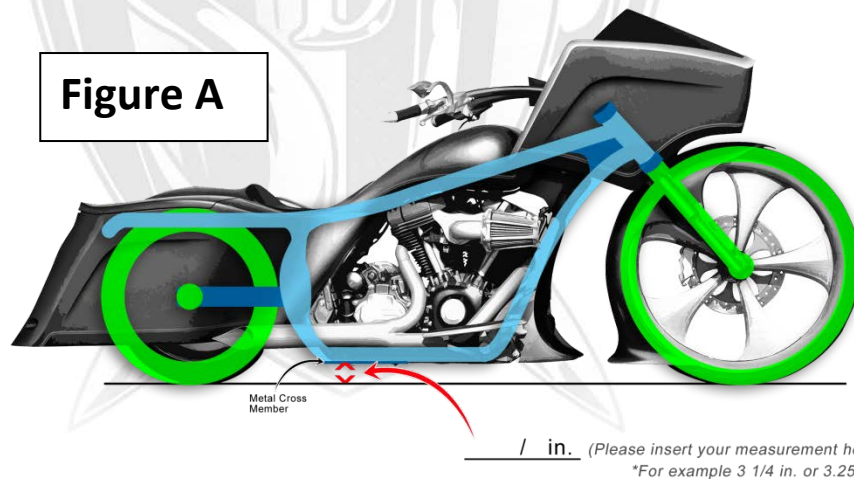
Measurement Guide

Straight Up Billet Electric Center Stand For Models 2009 to newer only

You will be measuring the bikes stand height. It is imperative that you understand this task entirely or the bike is at risk of falling over after the stand is installed. The measurement task requires two people. One person straddles the bike, while the second person measures the ground clearance. It is imperative that (1) the bike is measured on flat ground with the frame straight up and down; (2) the right and left frame rails are level to the ground; and (3) the bike is lowered into the lowest position.

When the bike is level to the ground, with a second person holding the bike up, measure the bike in the lowest position. You shall do so by measuring the lowest point of the frame to the ground at the flattest point of the rear lower frame just before the frame begins to curve up. **See Figure A. Please record the measurement in the space below.**

Warning: if you plan to modify the bike after installation of the bike stand in a manner that would produce a measurement greater than what is indicated below, you **must** contact Speed By Design. You **must** submit a new measurement guide and for a standard charge, Speed by Design will provide you with the appropriate feet as long as Speed By Design is still manufacturing said parts.



I, _____ have read the above and I take full responsibility in providing Speed By Design the correct measurements.

Signature _____

Date _____

Contact Phone Number _____

Shipping address _____

Did you purchase the Center Stand from a dealer? Yes / No If so, whom? _____

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Operation Instructions

2009 to Current Straight Up Electric Billet Center Stand

You must read all instructions prior to installation. It is of the utmost importance that this product is installed by a qualified installer. Incorrect installation may result in damage to the motorcycle, serious injury or even death. The installer assumes all liability for any damages that result from incorrect installation. User assumes full liability for improper use of the center stand.

Attention Owners / Users

- Never lower the center stand while the engine is running.
- Always make sure your bike is in the fully raised position before lowering the stand otherwise you could damage the center stand.
- Always visually confirm that the center stand is fully lowered before lowering the bike down otherwise, your bike is at risk for falling over.
- You **must** verify that the ground is flat, level and free from low spots that your center stand will set down into or the bike will fall over. **DO NOT PARK ON INCLINE OR DECLINE.**
- You **must** verify that the ground is solid and not soft like grass or mud!
- Also, if you are on asphalt that it is soft either from heat or just poor asphalt, do not use the center stand.
- As soon as you've put the center stand down after riding your bike, rock it back and forth a little to confirm that it's stable before leaving the bike.
- Before using your bike, confirm that the engine will not turn over when the center stand is in the down position. If it does, do not ride the bike, and immediately call Speed by Design.
- If for some reason the center stand doesn't work, please check your 5 amp fuse located in front of the battery compartment.

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Installation Instructions

2009 to Current Straight Up Electric Billet Center Stand

YOU MUST READ ALL INSTRUCTIONS PRIOR TO INSTALLATION. It is of the upmost importance that this product is installed by a qualified installer. If the center stand is installed incorrectly, it could result in damage to the motorcycle, serious injury or even death. The installer assumes full liability for incorrect installation. Speed By Design assumes no liability for improper installation or improper use of the electric center stand.

The bike must have adjustable "on the fly" rear air ride suspension with a minimum of two inches of adjustable travel.

Never remove the bolts holding pivot points to the steel plate at any time for this can create an alignment issue and cause premature wear to the actuator.

Section A: Mounting the Center Stand

1. Remove the front stainless steel shoulder bolt from the actuator clevis, the two 5/16-18 bolts with nuts on them and the two 5/16-18 bolts from the plate bottom that are threaded into the backing plate.
2. Cut the three zip ties from the front of the plate that are retaining the wire harness.
3. Slip provided backing plate into position under transmission on top of stamped out sheet metal rear frame member with large cut out drain hole located on the right side and chamfer down.
4. Now let's slip the center stand into position first fishing the wiring harness and actuator through the space between the primary and the frame under the belt. Now the plate should be in position to mount (no drilling necessary).
5. Place two 5/16 -18 by 3/4" bolts through rear holes in plate and align with existing holes in Harley frame. Install provided thick washers and nylon locking nuts to these bolts.
6. Now apply blue lock tight to the other two provided 5/16-18 by 5/8" bolts and install through the two front holes and into provided backing plate... Tighten all four 5/16-18 bolts accordingly.
7. The next step will be to apply blue lock tight to the shoulder bolt, reinstall and tighten accordingly.

Section B: Wiring the Center Stand

1. It is now time to complete the wiring process. Pull all wiring around oil pan and up right rear vertical frame rail and into wiring area in front of the battery. Use supplied zip ties to rescuer harness to front of center stand plate and to the factory harness.

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2. Connect red lead to the positive side of the battery and black lead to the negative side. Find the fuel pump plug located in the front of the battery in wiring area on the left side. The plug will look like the plugs we've supplied: black plastic with four wires. Once you've found it, unplug it and plug the male end into provided female end of our harness and the female end into the male end. Next, locate the existing hole for the provided switch. This can be found in front of the battery on the left side and will stick through the steel frame under the gas tank. See figure 1.

Section C: Testing the Center Stand

1. You must next test the functions of the center stand and the orientation of the switch. If the switch is held in the up position, the stand should run up. If it runs down, rotate the switch 180 degrees.
2. Now with the stand up, start the engine and run the stand down. If the engine does not die when the stand starts to move, do not ride the bike and call Speed By Design immediately.

Never remove the factory kickstand.

Attention Owners and Users

1. Limited Warranty. Speed by Design warrants the products purchased from Speed by Design to be free from defects in materials and workmanship, and will repair or replace, at its sole option, any part of said products. If an exact replacement is not available, an equivalent product or credit will be provided. The Limited Warranty commences on the date of purchase and expires on the one (1) year anniversary. The Limited Warranty does not include damages, malfunctions or failures resulting from the failure to properly install, operate or maintain the products in accordance with the instructions provided by Speed by Design. Furthermore, the Limited Warranty does not include damages, malfunctions or failure caused by misuse, accident, vandalism, corrosion, or an activity or event that is outside the control of Speed by Design. The products covered by this Limited Warranty pertain only to products installed in either the United States or Canada. The Limited Warranty does not cover shipping costs. Dealer or Customer will be responsible for shipping costs and shipping insurance.
2. Limitation of Liability. The Limited Warranty provided herein is the ONLY warranty given by Speed by Design. ANY IMPLIED WARRANTIES, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL NOT EXTEND BEYOND THE APPLICABLE WARRANTY PERIOD SPECIFIED IN THE LIMITED WARRANTY. SPEED BY DESIGN'S SOLE LIABILITY WITH RESPECT TO DEFECTIVE PARTS OR FAILURE SHALL BE SET FORTH IN THE LIMITED WARRANTY, AND ANY CLAIMS FOR INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES ARE EXPRESSLY EXCLUDED.