



Custom Dynamics® Signal Stabilizer™ Installation Instructions

We thank you for purchasing the Custom Dynamics® Signal Stabilizer™. Our products utilize the latest technology and high quality components to ensure you the most reliable service. We offer one of the best warranty programs in the industry and we back our products with excellent customer support, if you have questions before or during installation of this product please call Custom Dynamics® at 1(800) 382-1388.

Part Number: GEN2-SSXL

Package Contents:

- Signal Stabilizer™ Module (1)
- Adapter Harness (1)
- Instructions (1)

Fits: Harley-Davidson® 2004-2013 XL Models and 2010 Softail® Convertible.



ATTENTION



Please read all information below before Installation

Warning: The Ignition Switch must be in the “OFF” position during the installation of the Signal Stabilizer™.

Safety First: Always wear appropriate safety gear including safety glasses when performing any electrical work. It is highly recommended that safety glasses be worn throughout this installation process. Be sure motorcycle is on level surface, secure and cool.

Important: This unit is alarm compatible and 4 way hazard compatible. When using the 4 way hazards with this product installed, the security key light on the dash will come on. This is normal when in hazard mode and will reset when turned off.

Important: These instructions are for the current generation Signal Stabilizer™ only. If you have a Signal Stabilizer™ without a Adapter Harness or with separate fused positive wire and a negative power wire, as well as harness connectors, please contact us for correct instructions.

Important: Module must be secured after installation. Find safe area away from any moving parts and out of the way of normal operation of the motorcycle. Use cable ties or other means to secure. Custom Dynamics® is not liable for damage as a result of improperly securing or failing to secure the module.

Installation:

1. Confirm the Ignition Switch is in the “OFF” position.
2. Remove the seat and locate the OEM rear fender lighting harness connectors under the seat.
3. Disconnect the Main Wiring Harness connector from the Rear Fender Lighting Harness connector.
4. Install the Signal Stabilizer™ in-line with the Main Wiring Harness connector and the Rear Fender Lighting Harness Connector. If a Run/Brake/Turn module is installed, the Signal Stabilizer™ MUST be installed in front of the Run/Brake/Turn module. Installation Order: Main Wiring Harness, Signal Stabilizer™, Run/Brake/Turn module (if installed), Rear Fender Lighting Harnesses.
5. Confirm the Load Switch on the side of the stabilizer is in the “normal” position. Shown in **Load Switch Diagram on Page 2**.
6. Perform Turn Signal Synchronization. **1.** Ignition switch in the “ON” position. **2.** Activate right turn signal for 2 flashes. **3.** After the second flash, activate the left turn signal for 2 flashes. **4.** After the second flash, activate the right turn signal for 10 flashes. **5.** Turn key off.
7. Turn Ignition Switch to the “ON” position and test turn signals for proper operation. If you experience a fast turn signal flash, turn the Ignition Switch to the “OFF” position and move the Load Switch to the “HIGH” position shown in **Load Switch Diagram on Page 2**. Repeat Step 6.
8. Re-install the seat. Test all lighting and alarm (if equipped) for proper operation.

Questions? Email: info@CustomDynamics.com or Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

Custom Dynamics® Signal Stabilizer™ Load Switch Diagram

