www.namzccp.com

NAMZ Custom Cycle Products, Inc
1440 Ulmer Avenue
Oreland, PA 19075

Technical Support is available Monday-Friday, 9am-5pm EST via email at tech@namzccp.com or call us at 1-877-277-NAMZ.

Part Number: ATS-03

Fitment: Hard-wire, Universal/Custom, Sportster 1973-1991, FX 1973-1989, and FL 1973-1986

About this product: As the industry "originals" in lighting modules since 1990 our Badlands Automatic **Turn Signal Canceler** (ATS) is the upgrade to stock mechanical flashers, faulty factory turn signal modules, and perfect for custom applications when self-canceling turn signals are needed. This versatile module works with stock and aftermarket switches, latching or momentary. The ATS is a fully solid-state robust module that produces no heat and will provide flashing turn signals for 11-seconds before auto-canceling. The ATS will also run 4-ways or hazard lights until signaled to turn off. Additionally, the module has a built in Load Equalizer and is compatible with any bulb, LEDs or halogen lights. We manufacture all Badlands modules here in Philadelphia, PA with the highest standards, using only quality components, that are built to last backed by a LIFETIME WARRANTY.

What is included in this kit?

- (1) ATS Self-Canceling Turn Signal Module™
- (2) .25" Insulated Ring Terminals
- (2) 5" Zip-Ties
- (2) Quick Splice Connectors
- (5) Insulated Butt Connectors

Recommended Tools:

- Wire Stripers
- Crimping Pliers
- Diagonal Cutters

WARNING!

This product should be installed by a professional motorcycle technician or reputable shop/ dealership. Improper installation may result in loss of turn signal functions.

Installation instructions:

1. Remove seat and disconnect the negative battery cable.
2. Refer to the Wiring Diagram (Figure 1) for a detailed view, and for custom wiring applications.
3. NOTE:
4. While we recommend using connectors and terminals whenever possible the module comes with Quick Splice Scotch locks and Butt Connectors for an easy and quick installation.
5. Remove stock flasher. If stock flasher is circular style (mechanical) flasher found on Sportster 1973-1991, FX 1973-1989 and FL 1973-1986 connect the two wires going to the flasher together. This will provide the power to the turn signal buttons.
6. If wiring the turn signal switches from scratch, connect the power side of the turn signal buttons to a Switched (Key on) Power source.
7. The Violet and Brown wires are the module's inputs from the Turn signal Buttons. When these wires have power on them, they signal the module to put out the flashing current on their respective sides.
8. Using the supplied Butt Connectors, connect the Violet wire from the module to the Left Turn Signal Button (signal wire). Be sure this is a direct connection from the module to the Left Turn Signal Button with no other connections made on the wire.
9. Using the supplied Butt Connector, connect the Brown wire from the module to the Right Turn Signal Button (signal wire). Be sure this is a direct connection from the module to the Right Turn Signal Button with no other connections made on the wire.
10. The Gray and Yellow Wires on the module are the output wires. These wires will power the Turn signal lights with their flashing functions.
11. Connect the Gray wire on the module to the Left Turn signal light wires on the bike using the supplied Scotch locks.
12. (To use the Scotch locks, line the wires so that all wires will be contacted by the metal tab. *Fold over the lock and use pliers to secure lock in place.)*
13. Connect the Yellow wire on the module to the Right Turn signal light wires on the bike using the supplied Scotch locks.

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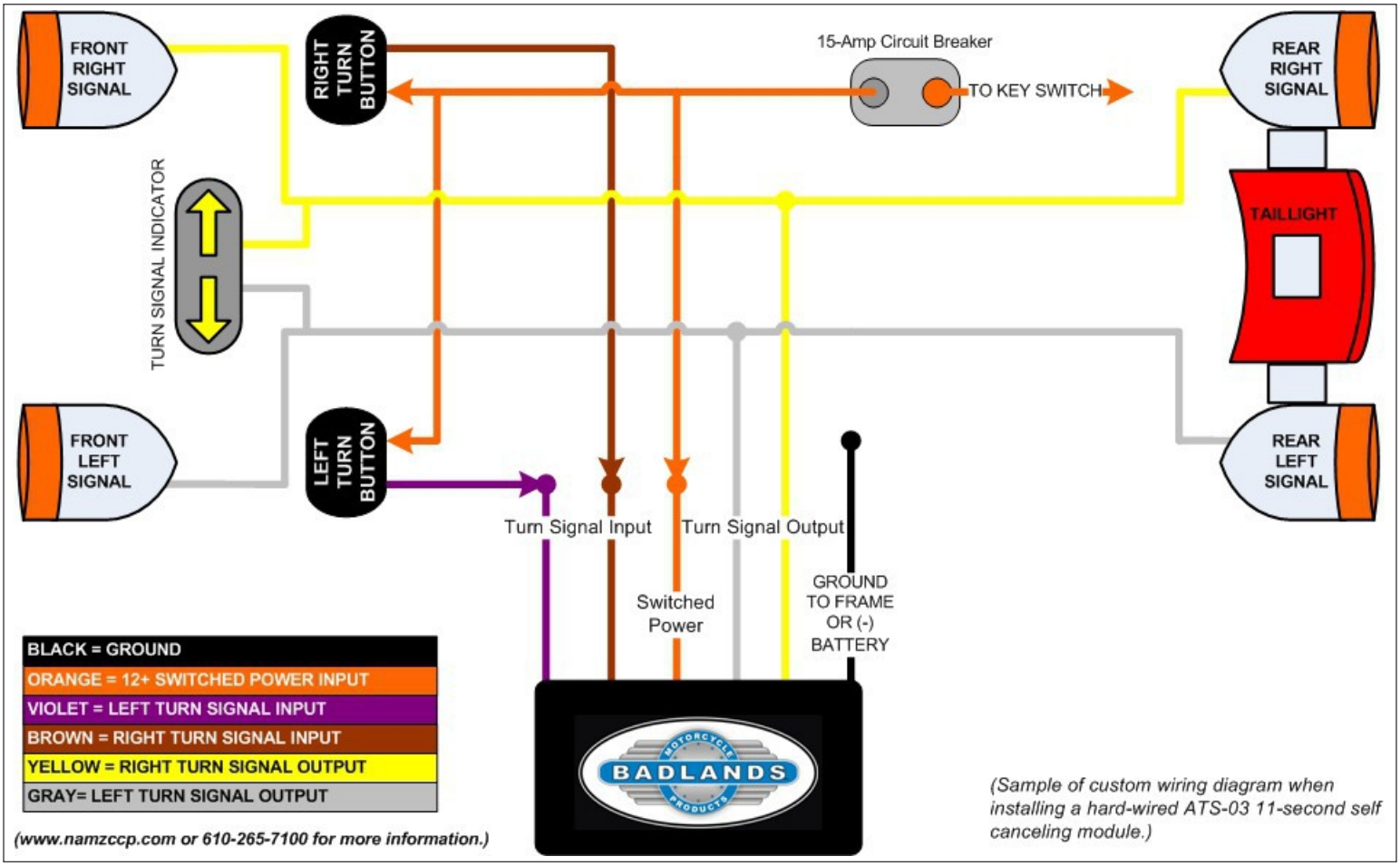
14. If the turn signals being used have a ground wire, these can be attached to the frame or directly to the negative side of the battery. Some turn signals do not have a ground wire and will ground themselves when bolted to the bike. In this case be sure there is a good ground and use a multi-meter to test the grounds before powering up the module.
15. Install ring terminals on Orange and Black wires from Badlands Module.
16. *(Be sure to properly crimp ring terminals so that a good connection is made.)*
17. The Fused Orange wire is the power wire to the module. Connect the Fused Orange to a 15-Amp circuit breaker or fused (7.5-Amp) circuit with Switched (key on) Power.
18. The Black wire provides the ground to the Module. Connect the black wire on the module directly to the negative side of the battery or ground directly to a clean ground post on the frame.
19. Using the (2) supplied Zip-Ties secure the module into place, ensuring no wires will be pinched.
20. Reconnect battery and ensure proper functions.



(www.namzccp.com or 610-265-7100 for more information.)

(Sample of custom wiring diagram when installing a hard-wired ATS-03 11-second self canceling module.)