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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.

Part Numbers: ATS-04, ATS-04-A, ATS-04-B, ATS-04-B-F, ATS-04-D and ATS-04-TSSM



ATS-04-D pictured

Fitment: ATS-04: Hard-wired module, universal fitment or for: (Sportster 1973-1991) (FX 1973-1989) (FL 1973-1986) or any custom motorcycle.

ATS-04-A: Plug-n-Play module, fits (Sportster 1992-1993) (FX 1990-1995) (FL 1987-1993) with installed connector. (replaces HD# 68537-89G)

ATS-04-B: Plug-n-Play module, fits (Sportster 1997-2003), (Dyna 1996-2000), (Softail 1996-2000), Road King, Electra Glide 1996-2000) with installed 8-position MALE connector. (replaces HD# 68540-96)

ATS-04-B-F: Plug-n-Play module, fits (Sportster 1994-1996), Road King, Electra Glide 1994-1995) with installed 8-position FEMALE connector. (replaces HD# 68570-94B) This module comes with an 8-position female OEM Deutsch connector.

ATS-04-D: Plug-n-Play module, fits (Sportster 2004-2013), (Dyna 2001-2011), (Softail 2001-2010), (Road King, Electra, Ultra, Street & Road Glides 2001-2013) with AFTER-MARKET IGNITION MODULES or ECM ONLY. Comes with installed 12-position MALE connector. (replaces HD# 68921-01D) This module comes with a 12-position male OEM Deutsch connector.

ATS-04-TSSM: Speed-Sensing Self-Canceling Turn Signal Adapter Module, fits ALL (Sportster 2004-2013), (Dyna 2001-2011), (Softail 2001-2010), (Road King, Electra, Ultra, Street & Road Glides 2001-2013) when using along with OEM TSM or TSSM. This module replaces the OEM turn signal flashing functions but leaves the bank angle sensor and serial data connection in tact. No need for a new ECM! **NOTE: If the OEM TSM/TSSM prevents the bike from starting, this module will NOT work to fix this issue, a new ECM is needed.

WARNING!

This product should be installed by a professional motorcycle technician or reputable shop/ dealership.

About this product: Badlands, the industry "originals" in lighting modules since 1990! We are confident that our new ATS-04 module is the most robust speed-sensing self-canceling turn signal module available! We have been providing solutions for over 35-years, manufacturing right here in Pennsylvania 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) Plug-n-Play Illuminator™ Module
- (2) Zip-ties

Recommended tools:

- Phillips Head Screwdriver
- Wire Cutting tool

Installation instructions

1. Be sure the bike's ignition is in the OFF position!
NOTE: The fused orange wire on the hardwired ATS-04 module should be connected to a switched 12-volt (+) power source, black wire to a known good ground.
2. Locate your factory flasher module or TSM/TSSM, turn signal module or turn signal security module.
NOTE: Our ATS-04 does NOT have a security feature so your OEM key fob is no longer used on models that apply.
3. Simply unplug the harness from the factory flasher module, remove it from the bike and connect the wiring harness into our ATS-04 module.
4. Once connected, turn on the ignition and test the turn signals to be sure they flash.
5. In order to test the new speed sensing self-canceling function of our module, you can activate the turn signal button while at a traffic light and you will see the flashing continues, infinity. Once you begin to move and reach 7-miles per hour, the flasher unit counts down flashes before automatically shutting off.
6. **ATS-04 "hard-wired" Module:** Another great feature of our ATS-04 module is it's ability to self-cancel turn signal functions *without* the aid of an electronic speed sensor. For early Harley Davidson's, specifically with mechanical speedometer drives or cable driven speedometers, can still use the ATS-04 module for self canceling turn signals. (continued)



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6. If your motorcycle is not equipped with an electronic speed sensor our hardwired ATS-04 module can also provide self-canceling turn signals.
7. If the (white/green stripe wire) "speed signal", is **NOT** connected, (*be sure tape off safely*) the ATS-04 will recognize the absence of an electronic speed sensor and automatically self-cancel turn signals after 30-seconds!

NOTE: If you have a plug-n-play ATS-04 module and you notice the speed sensing self-canceling feature is no longer working, there is a good chance you lost connection the speed sensor wire or the speed sensor has failed. Check connection or replace sensor.

NOTE: If you a Harley Davidson model, (Sportster 2004-2013), (Dyna 2001-2011), (Softail 2001-2010), (Road King, Electra, Ultra, Street & Road Glides 2001-2013) with a failed TSM or TSSM, there is a solution.

- If your turn signals are no longer working, bike will not start or run properly or consistently, there is a good chance the TSM or TSSM has failed. Before you assume this is the case, replace the key fob battery first, then check again! This will save you some time and money.
- If the turn signals do not work but the bike runs, simply purchase our ATS-04-TSSM module and connect in between the TSM/TSSM and the wiring harness. Your signals will now work via our module.
- If your bike does not run because of the TSM/TSSM, you can purchase a new ECM from Thundermax. This is a perfect fix because now you can control your bikes performance without the need to a plug-in tuner AND you can purchase a Badlands ATS-04-D for self canceling turn signals. No more need for a key fob and you will enjoy a lifetime worry-free riding!

