

Third Brake Light Flasher Installation

Simple Engineering, LLC

Installation concept:

In order to install the Kahtec Third Brake Light Flasher in the SSR, we need to break into the tailgate area and splice it into the wiring.

Parts in the Kit:

1. Pre-wired Kahtec Flasher Unit with delay
2. Red 3M connector (3 ea)
3. Red "wire cap" style connector (3 ea)
4. Velcro

Tools Recommended:

- Plastic Retainer removal tool
- #T-30 Torx Bit in a socket wrench
- Wire cutters
- Pliers

Procedure:

1. Remove the tailgate interior panel or liner from the tailgate.
2. Remove the tailgate access panel (about 10 screws) and set it aside without disconnecting the linkage. Note: - the screws are in with Loctite.
3. Pick a point 6"-10" from the brake light and peel back the foam to expose about 2" of the wires going to the lamp.
4. Connect the module black wire to the black wire going to the lamp. Do not cut the black wire.
5. Cut the yellow wire in the middle of the open area you just created by peeling back the foam.
6. Connect the module red wire to the yellow wire coming from the truck chassis.
7. Connect the module blue wire to the yellow wire going to the third brake light.
8. Peel the backing off the Velcro and stick it to the inside of the structure on a flat spot near the tailgate release handle.
9. Test to see that the flasher works properly. It should flash eight times (I think) and then go on steady. If you lift off the brake and immediately re-apply the brake, it should not flash. If you lift off the brake for 15 seconds and then re-apply, it should flash eight times again.
10. Reassemble the tailgate.... You're done.

Notes from Mike

I personally like soldering the wires and using heat shrink instead of the red 3M Scotchlock connectors. If you use the 3M connectors, be sure to put the SSR wire in the slot with the smaller slit in the metal part of the connector. The SSR wiring is smaller gage than the flasher wiring. I have also included 3 small red "wire caps" that can be used for splicing the wires if you choose.

I'm always up for feedback on improvements to my instructions and products. Please forward any comments or criticisms to mike@simple-engineering.com.

If you are stumped, or need a little help, you can always call me on my cell at 480-225-2123.

My Best Regards,

Mike Moro
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