

INSTALLATION INSTRUCTIONS

SE SYSTEM – SWITCH PANEL

2009 – 2016 JEEP JK WRANGLER



Allow approximately 2 hours for installation

TOOLS REQUIRED

- Phillips head screw driver
- 10mm & 12mm sockets
- T-20 & T-25 TORX bits
- Flashlight

NOTES AND WARNINGS

- Never reverse polarity on battery cables.
- System will shut down when voltage drops to 11.2 V (2 minute delay) and requires 12.8 V to reinitialize.
- Do not tamper, open or remove any factory-installed components; this will void the warranty.

Visit the SE – Special Edition tab on www.4x4s-pod.com to view our FAQ videos

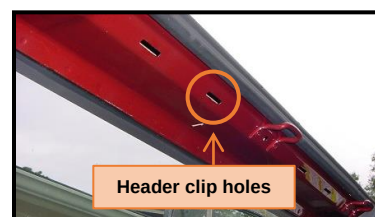
- Remove the Freedom/Soft top for easier access during installation.
- Remove visor using the T-20 TORX bit.
- Remove small plastic screw from A-pillar then pull off plastic trim.
- Remove existing plastic windshield header cover by swinging the visors out of the way and pulling the plastic windshield header straight out until all 4 clips pop out of windshield frame.



Remove these visor screws



Remove plastic screws



Header clip holes

- Use a T-25 TORX bit to remove existing footman loop from windshield frame.
- Align the bezel bracket over the footman loop. Reattach the assembly back onto the windshield frame with the bezel bracket attached on **TOP** of the footman loop as shown below.



Keep this hole clear! It is used for the plastic windshield header alignment stud.

- Re-install the plastic header and snap into place. Tuck the harness behind the plastic header.

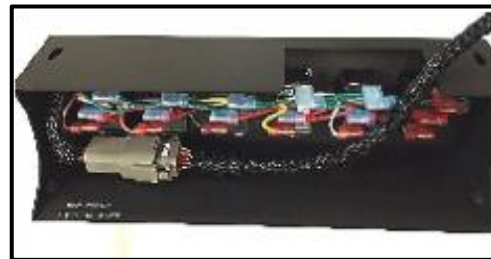


BEFORE



AFTER

On some plastic pieces, you may have to trim a small amount on both sides to clear the bracket. Red lines show where you may need to cut.



- Attach switch bezel assembly to the bracket using the **10-32** Phillips head screws that have been provided. Do not tighten until bezel fits snugly against plastic windshield cover.



AFTER INSTALLATION, YOU MUST START THE ENGINE TO ACTIVATE THE SYSTEM!!

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- Guide wire harness through all the plastics going toward the driver's side by lifting and tucking the harness behind the plastic as you go. Feed the harness down behind the plastic vertical pillar and out the side opening for now.



Sun visor / left side vertical A pillar

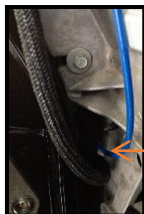


Wire harness

- Next, remove the plastic cover on the driver's side between the door and the side of the dash for access to the firewall. Remove by just snapping it off.



Use a small screwdriver to pry out plastic



Wire harness Goes through

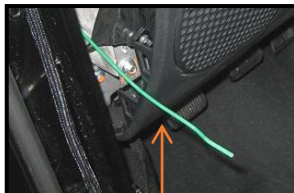
STANDARD TRANSMISSIONS



Original rubber plug



Use this grommet on upper right side of brake booster



Fish line



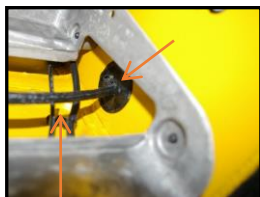
Be sure to keep protective cap on. Form a hook on the end of the fish line and wrap the connector with a little electrical tape.

AUTOMATIC TRANSMISSIONS

Use the foam hole on lower right side of brake booster. (Use the flashlight)



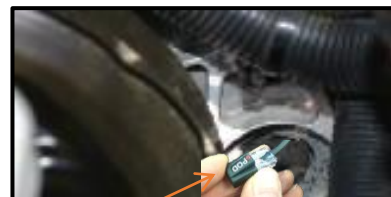
Look up into upper left side of firewall for the harness you just passed through



Use a screwdriver to make a hole in foam to pass through firewall. Push plug through



Look on right side of brake boost for pass through



Pull plug through gently by the cable and not the plug

- Run connector up through opening in plastic. Plug into any of the 2 receptacles.



NOTE
These lights are disabled and will not be on

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- On driver's side fender, locate two bolts (next to the ECU) as shown below.

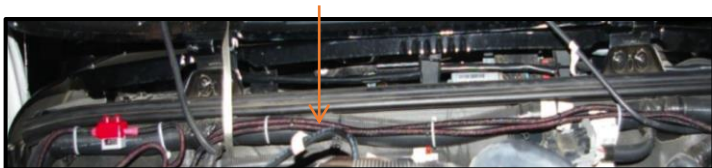


Remove these two bolts



Place plate over holes. Install both bolts and tighten.

- Snugly route power leads along firewall over to battery using supplied cable ties to secure.



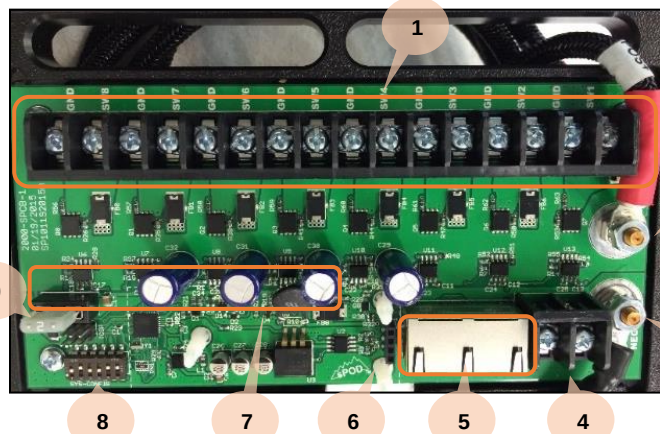
- Connect **Positive** and **Negative** wire to battery terminals. Use supplied cable ties to secure all cables.



Positive side – 10mm socket



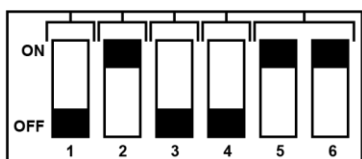
Negative side – 12mm socket



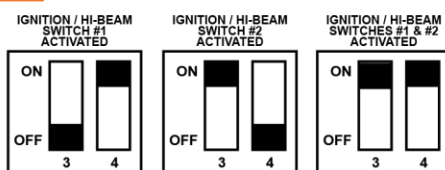
1. Attach your accessories here. SWx is the **Positive** and GND is the Negative terminals.
2. Positive battery terminal.
3. Negative battery terminal.
4. Ignition control inputs for switches 1 or 2 only.
5. Switch panel harness input (CAT-5 Ethernet). (TWO)
6. Bluetooth receptacle.
 - This is where you would plug in the Bluetooth module (purchased separately)
7. Fault protection devices, please do not touch or bend these.
8. DIP switch configurator. See below.
9. Reset fuse. Remove fuse for 10 seconds and replace for reset.

Whenever possible, keep your engine running when powering electrical accessories!

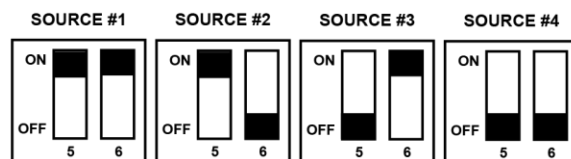
DIP SWITCH CONFIGURATOR



FACTORY DEFAULT SETTINGS



IGNITION/HI-BEAM CONTROLS FOR SWITCHES #1 AND #2



MULTIPLE SOURCE SELECT SETTINGS

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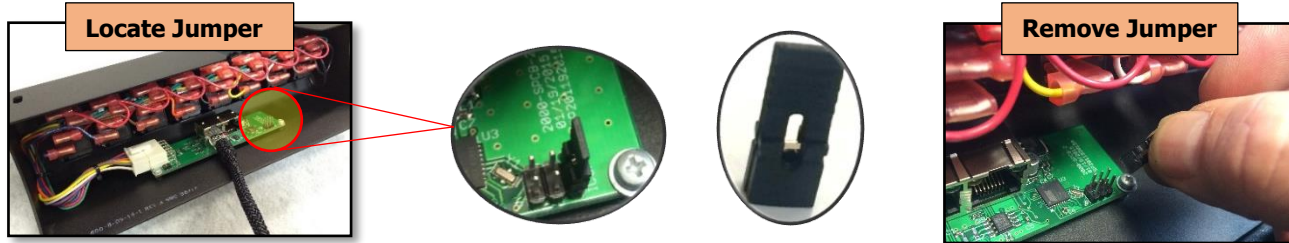


SWITCH PANEL FLASH AND STROBE FEATURES: Any or all of the 8 switches can be programmed for **Flash** and **Strobe** modes. By default, all switches are set in the steady ON mode (flash and strobe features disabled).

To enable these features, follow this sequence of steps:

Remove panel from windshield by removing two Phillip's head screws. Without unplugging control cable, lower panel to be able to have access behind it.

1) Locate and remove the Jumper (behind panel on the lower right side)

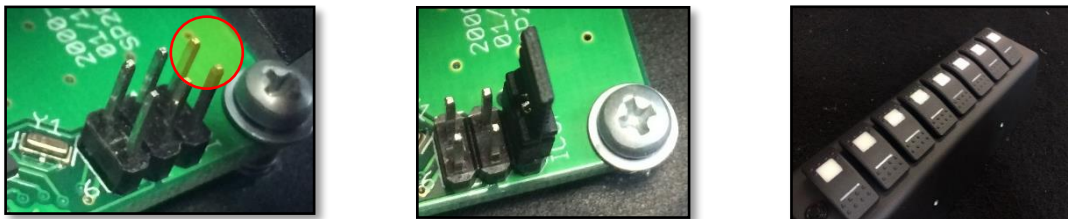


2) Decide which switch(es) that you want to enable the Flash and Strobe feature; Turn those switch(es) on (leave on)



PLEASE BE SURE TO ABIDE BY YOUR STATE LAWS WHEN USING FEATURES SUCH AS STROBE AND FLASH.

3) Put the Jumper back on the far right pins; Turn switch(es) off



4) Test the switch(es) that were enabled (see "How to Use Flash and Strobe Features" below)

5) Reinstall the switch panel using the two Phillips head screws.

How to Use Flash and Strobe Features:

Starting in the **OFF** position:

Turn the switch **On** for **Steady** mode (normal operation)

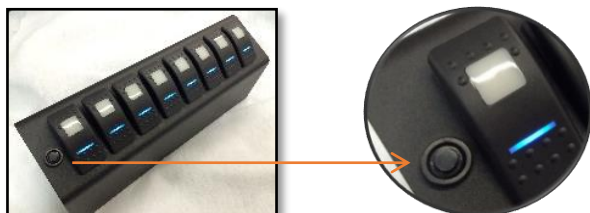
Toggle the switch **On/Off/On** quickly to activate **Flash** mode

Toggle the switch **On/Off/On** quickly again to activate **Strobe** mode

Toggle the switch **On/Off/On** quickly again to set to **Steady** on mode (normal operation)

To disable the flash and strobe features and reset to factory default, (with switches in the off position) remove the jumper and put it back on.

PILOT LIGHT ACTIVATION: To activate the pilot lights, push the power control button once for on and once more for off.



**After installation
You must start engine to
activate system!!!**