

SPOD TOYOTA FJ CRUISER INSTALLATION INSTRUCTIONS

Revision 1.2



Allow approximately 2 hours for installation

Tools required

- Phillips head screw driver.
- Various sockets.
- 3/16" diameter drill bit and drill.
- DREMEL tool, small saw or box knife.
- 9 foot piece of string or wire to measure distance from switch panel to Source.

Included components

- The source assembly, including 1 mounting bracket, 1 lid, 2 battery cables and 4 (1/4-20) screws and flat washers
- 1x Control harness
- 6x Switches
- 1x Pigtail switch harness
- 1x Paper drill template for universal source bracket

Instructions

- Remove lid from Source then remove the source board from the bracket with the 4 screws at each corner.
- Use the enclosed drill template to drill (4) 3/16" diameter holes on a flat mounting location such as on top of the fuse box shown below.
- Install Source bracket using supplied (4) 10-32 screws & washers from the inside of fuse box lid.



Bracket on fuse box cover

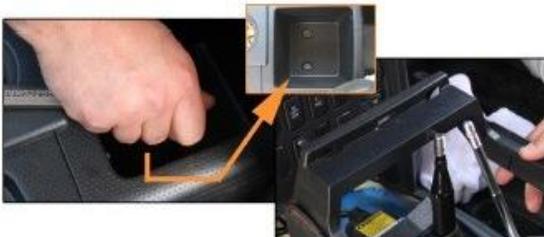
- Pre measure the distance from panel location to the Source. A 9 foot length of string works well. The control cable is 9 feet.
- Plug in white connector into Source by pulling cable up through opening in the back board.



- Reinstall Source onto bracket. **Important:** do not tighten the screws, only make snug. Overtightening the screw can cause the blackboard to crack.
- Unscrew transfer case knob (and 6MT shift knob if necessary.) Then pull up on the center console until it un-snaps and remove it.



- Remove the two 10mm bolts from the storage area of the center console. Then remove the remaining portion of the center console.





- Remove the two 10mm bolts from each side of the switch panel housing face. Remove the two plastic retaining plugs from each side of the switch panel housing.



- Temporarily replace the transfer case knob to protect switch panel from scratches. Gently remove switch panel. Make sure to label and disconnect existing factory switches.



- Route the wire harness from the source through the existing hole in the firewall. Then route underneath the steering column and through the side of the switch panel housing.



- Consolidate factory switches into the upper row (or arrange as dictated by the number of existing factory switches.) File down remaining openings to ensure a snug fit for remaining switches. Repeat the same steps for the blanks next to the steering column.



- Connect harness to switches (see switch connection diagram return switch panel to the center console and route longer pigtail up to the switches next to the steering column.



sPOD TOYOTA FJ CRUISER INSTALLATION INSTRUCTIONS

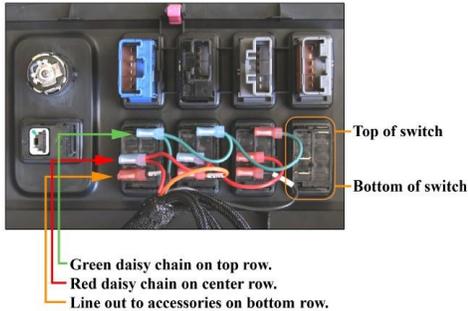
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- Pull pigtail through switch blanks, connect to switches and re-mount to panel. Connect switch pigtail to wire harness.



- Use this diagram for the connections to Contura switches. The red wires are your HOT leads and the green wires are your NEGATIVE wires. All other wires are labeled on the long pigtail. Just match the wires to the switches and the order in which they are used.



- Connect the positive & negative cables to the battery terminals. Use supplied cable ties to neatly secure the cables and the circuit breaker.



Start the engine!

- Turn on each switch and confirm each light indicator functions properly.



- Reverse the steps to reassemble the center console and tidy up wires.

1. Attach your accessories here. SWx is the Positive and GND is the negative terminal.
2. Negative battery terminal.
3. Positive battery terminal.
4. Switch panel harness input.
5. Switch panel fuse.
6. Low voltage detection circuit.
7. Low voltage detection circuit fuse. Remove this fuse to disable LVCO. - If the LVCO detects a low voltage (10.6 VDC) and shuts the sPOD down, turn off all switches on sPOD and start the vehicle to enable the sPOD again.
8. Accessory fuses. **Use the appropriate rated fuse for the accessory you are attaching** (max. 30 AMPs).
9. Relays that are removable.

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

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