



230-FRT3-SWE12

2021-Up Ford F150 Raptor(Gen 3)

Alpha12 Switcher Box Mounting Kit

SSV WORKS, 201 N. Rice Ave Unit A, Oxnard, CA 93030

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WARRANTY INFORMATION:

ALL SWITCH Works Electronics are covered by a limited 1 year warranty against defects in material or workmanship. Contact SSV Works for further warranty information.



Please read and understand these instructions completely before installation to avoid possible injury, or damage to the accessory or vehicle.



BY

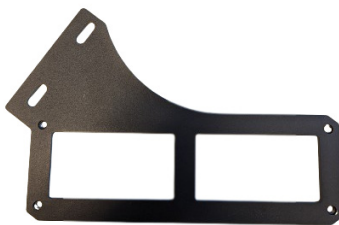




PARTS CONTENTS



*Ford F150 Overhead Fascia
[B-D3184]*



*Ford F150 ALPHA12
Brain Mount Bracket [B-MB3192]*



*Ford F150 ALPHA12
Fender Bracket [B-MB3191]*



*M5x10 Pan Head Screw (x4)
[B-S1158]*



*M6-1x12mm Hex Head Screw (x2)
[B-S2870]*



*#7-19x.75" Phillips Screw (x2)
[B-S1656]*



*4-40x.375 Thread Cutting Screw (x4)
[B-S3262]*



*M4x9 Flat Washer (x2)
[B-W1225]*



*SW-E12, 4-Pin Extension Cable, 6 ft.
[B-H3197]*



INSTALLATION

WARRANTY INFORMATION:

All SSV Works Non-Electronic Parts are covered by a limited lifetime warranty against defects in material or workmanship. All SSV Works Electronics are covered by a limited 1 year warranty against defects in material or workmanship. Labor for replacement of defective components is not covered. Contact SSV Works for further warranty information.



Please read and understand these instructions completely before installation to avoid possible injury, or damage to the accessory or vehicle.

TOOLS NEEDED FOR INSTALLATION

- Phillips Screw Driver - Pry Tool - Drill - 5/8" Drill Bit - T10 Torx Driver

PANELS AND DASH DISASSEMBLY



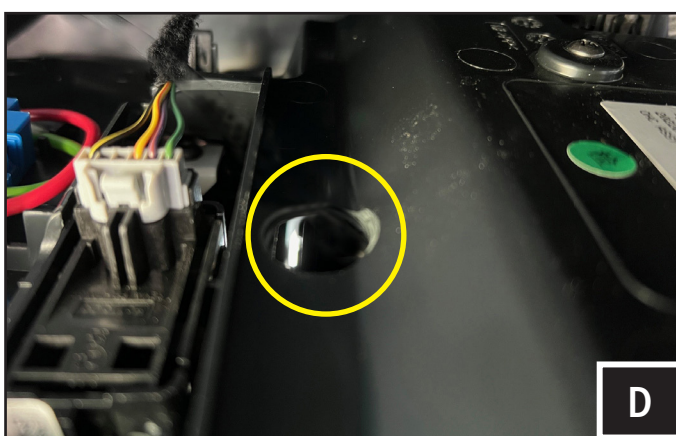
A. Remove the overhead console by using a plastic pry tool carefully working all around the console.



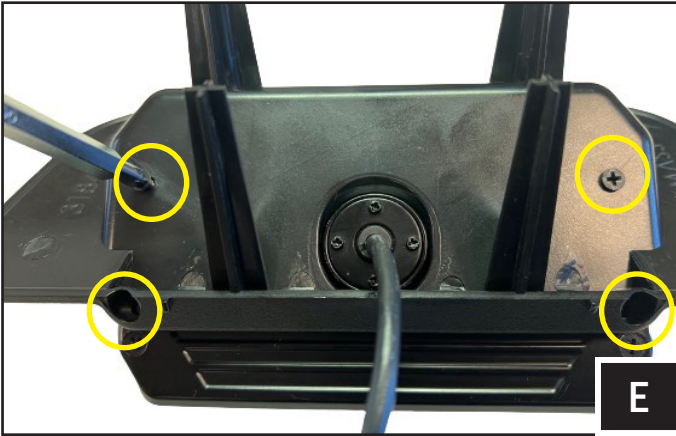
B. Note that there are 4 clips that secure the overhead console to the headliner.



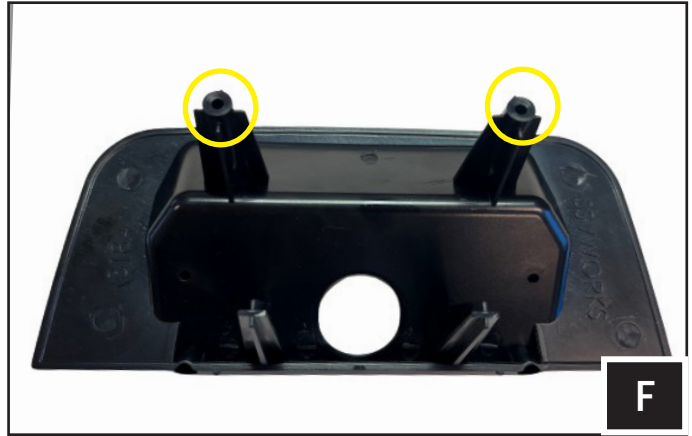
C. Pull down the overhead console and unplug the connectors.



D. Remove the sunglasses holder. Drill a 5/8" hole on towards the front of the sunglasses holder cavity (front is the windshield side).



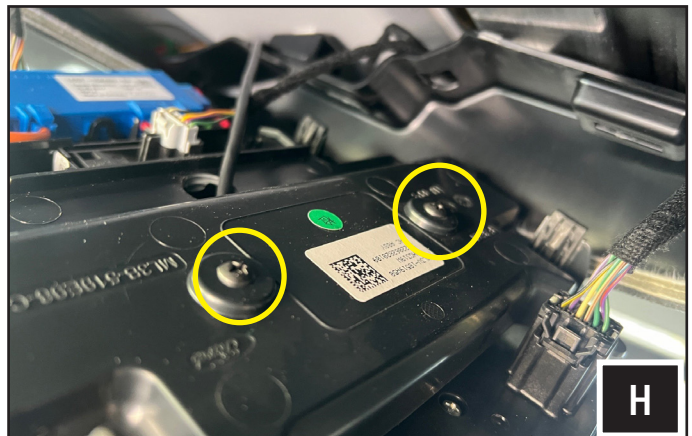
E. Mount the ALPHA12 controller to the F150 Raptor fascia using the 4-40x.75" thread cutting screws (x4).



F. Note that the F150 Raptor Overhead Fascia mounts behind the overhead console and is secured to the 2 posts circled above.



G. Route the controller cable through the hole drilled on the overhead console and run it towards the passenger side A pillar.



H. Secure the F150 Raptor Fascia to the sunglass holder cavity using the #7-19x.75 Phillips screws and M4 flat washers (x2 each).



I. Plug the connectors and re-install the overhead console.

SWITCH Works Brain Module Installation

TOOLS NEEDED FOR INSTALLATION

- Phillips Screw Driver - 8, 10, 12 & 13mm Wrench



A. The SWITCH Works brain module is mounted in this area of the engine bay above the fusebox.



B. Mount the SWITCH Works brain module to the B-MB3192 bracket using the supplied M5x10mm screw (x4).



C. Mount the fender bracket (B-MB3191) to the fender wall (above the fusebox) using the factory bolts.



D. Attach the module bracket to the fender bracket using the supplied M6-1x12mm hex head bolts (B-S2870).



E. Connect the accessories to be used to the High and Low current harnesses and plug the harnesses to the brain module. NOTE that the 15 button controller MUST be plugged in to the module before connecting the power and ground cables to the battery. Snap on the terminal cover to the module's + terminal.



F. Refer to the SW-E12 instructions manual for a detailed installation and programming procedure of the SWITCH Works ALPHA12 system.





**SWITCH
WORKS**
ALPHA 12™
BY SSVWORKS

SWITCH Works is a product by SSV Works. We are committed to your satisfaction and we know you will enjoy our products. If you have questions or need any assistance, please let us know.



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Returns must be made within 30 days of purchase date. Claims for missing items or items damaged in transit must be received within five business days of receipt of merchandise. All returns must be in original packaging and in re-sellable condition. Shipping fees are not refundable.