



SVE BULLETIN

SPECIAL VEHICLE ENGINEERING – BODY BUILDERS ADVISORY SERVICE

Toll-free: (877) 840-4338

E-Mail: bbasqa@ford.com (preferred)

Fax: (313) 594-2633

Website: www.fleet.ford.com/truckbbas

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2005 Thru 2007 F-Series Super Duty Upfitter Switches Installation

Models Affected: 2005 thru 2007 F250-550 trucks not equipped with Ford's Upfitter Switches (option code 66S).

Action Requested

Please provide a copy of this bulletin to affected engineering, purchasing and manufacturing personnel.

Purpose

To provide a procedure to install the Ford Upfitter Switches on F-Series Super Duty Trucks which were not ordered with the option 66S.

Concern Description

The Ford Upfitter Switches can be installed in the instrument panel on 2005 thru 2007 F250-550 trucks. All required parts (see Part List Table) can be purchased from your local Ford dealer and installed by following the installation procedure provided.

Installation Procedure

1. Make sure the key is not in the ignition switch during the installation.
2. Open the glove compartment, depress both sides to release stops and lower it until the door hangs completely down. Repeat the process for the small glove box below the upfitter switches area.
3. Remove trim panel below the steering column covering fuse box by grasping the handles and pulling down.
4. Remove the blank tray by reaching behind and pressing firmly up and then out. Remember to remove the trailer tow wiring connectors (if the Ford Trailer Tow Brake Controller is not installed).
5. Attach the relay box above the glove compartment to the vertical crossmember with fastener holes provided.
6. Route the harness by feeding it through the dash from the glove box compartment to the fuse panel.
7. Attach the wiring harness to the vertical crossmember with a wire tie.
8. Locate the grounding fasteners holes in the vertical crossmember below the steering column. Attach the eyelet to the unused fastener hole.
9. Remove the fuse panel fasteners and pull the fuse panel out.
10. Plug the white connector of the harness into the "K" connector on the back of the fuse panel box.
11. Tie up the extra length of the wiring harness and fasten it to the dash.
12. Reinstall the fuse panel and its fasteners.
13. Connect the switches to the wiring harness connector and install the switches in the dash panel. Refer to the finished installation pictures for the location of the switches and the tray (if required).
14. Turn the ignition key to run position and turn on the Aux 1 switch. The LED for Aux 1 switch should light. If it does not, check the connection and the grounding eyelet.
15. If the LED lights up, then finish reinstalling the trim panels and glove compartment.

Parts List Table

Part Number	Description
5C3Z-13D730-AAA	Switch Assembly
5C3Z-14A303-AA	Wire Harness with Relays and Fuse
5C3Z-2513546-CAA	Tray needed if Trailer Brake Controller is not used



Upfitter Switches



Wire Harness and Switches



Finished installation of Upfitter Switches without Trailer Brake Controller (empty pocket)



Finished installation of Upfitter Switches with Trailer Brake Controller

Upfitter Switches Wiring Table

Switches	Circuit Number	Wire Color	Fuse
AUX 1	1936	Orange/Light Green	30A
AUX 2	1933	Orange	30A
AUX 3	1934	Orange/Yellow	10A
AUX 4	1935	Orange/Light. Blue	10A

For further information on the Upfitter Switches, refer to QVM Bulletin Q117 and your Owners Guide.

If you have questions, please contact the Ford Truck Body Builders Advisory Service as shown in the header of this bulletin.

Sincerely,

(Signed)

A. I. Jowa, _____
Modified Vehicle Engineering Quality Programs and
Body Builders' Advisory Service