

SVE BULLETIN

SPECIAL VEHICLE ENGINEERING – BODY BUILDERS ADVISORY SERVICE

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QVM Bulletin: Q-157

Date: April 18, 2007

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2008 F-Series Super Duty Upfitter Switches Installation

Models Affected All 2008 Model Year F-250/350/450/550.

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.

Description

The Ford Upfitter Switches can be easily installed into the instrument panel on 2008 F250-550 trucks. All required parts can be purchased from your local Ford dealer (see Part List Table) and installed by following the installation procedure provided.

Installation Procedure

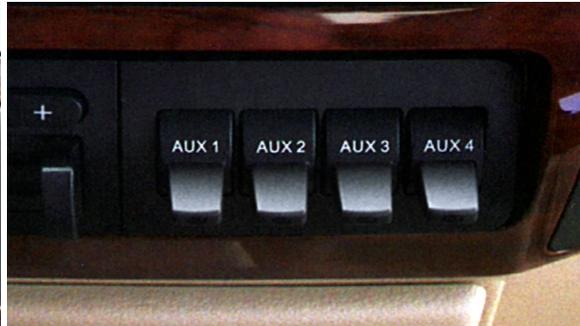
1. Make sure the key is not in the ignition switch during the installation.
2. Remove trim panel below the steering column by pulling up & out.
3. Remove the blank tray by reaching behind and pressing firmly up and then out. It may be necessary to remove the panel below it to gain access.
4. Refer to the Electrical Installation drawing for steps 5 to 9.
5. Install the relay box on the driver's side to the left side of the lower trim panel opening.
6. Route the harness as shown and plug the middle connector on the upfitter harness into the 14401 harness.
7. Attach the ground ring terminal to the IP frame fastener hole.
8. Connect the switches to the wiring harness connector and install the switches in the dash panel.
9. Connect harness fasteners as directed.
10. 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.
11. If the LED lights, then reinstall the trim panels.

Parts List Table

Part Number	Description
7C3Z-13D730-AA	Switch Assembly
7C3Z-14A303-A	Wire Harness with Relays and Fuse
8C3Z- 2513546-BA	Tray needed if Trailer Brake Controller is not used



Finished installation of Upfitter Switches without Trailer Brake Controller (Coin Slot)



Finished installation of Upfitter Switches with Trailer Brake Controller

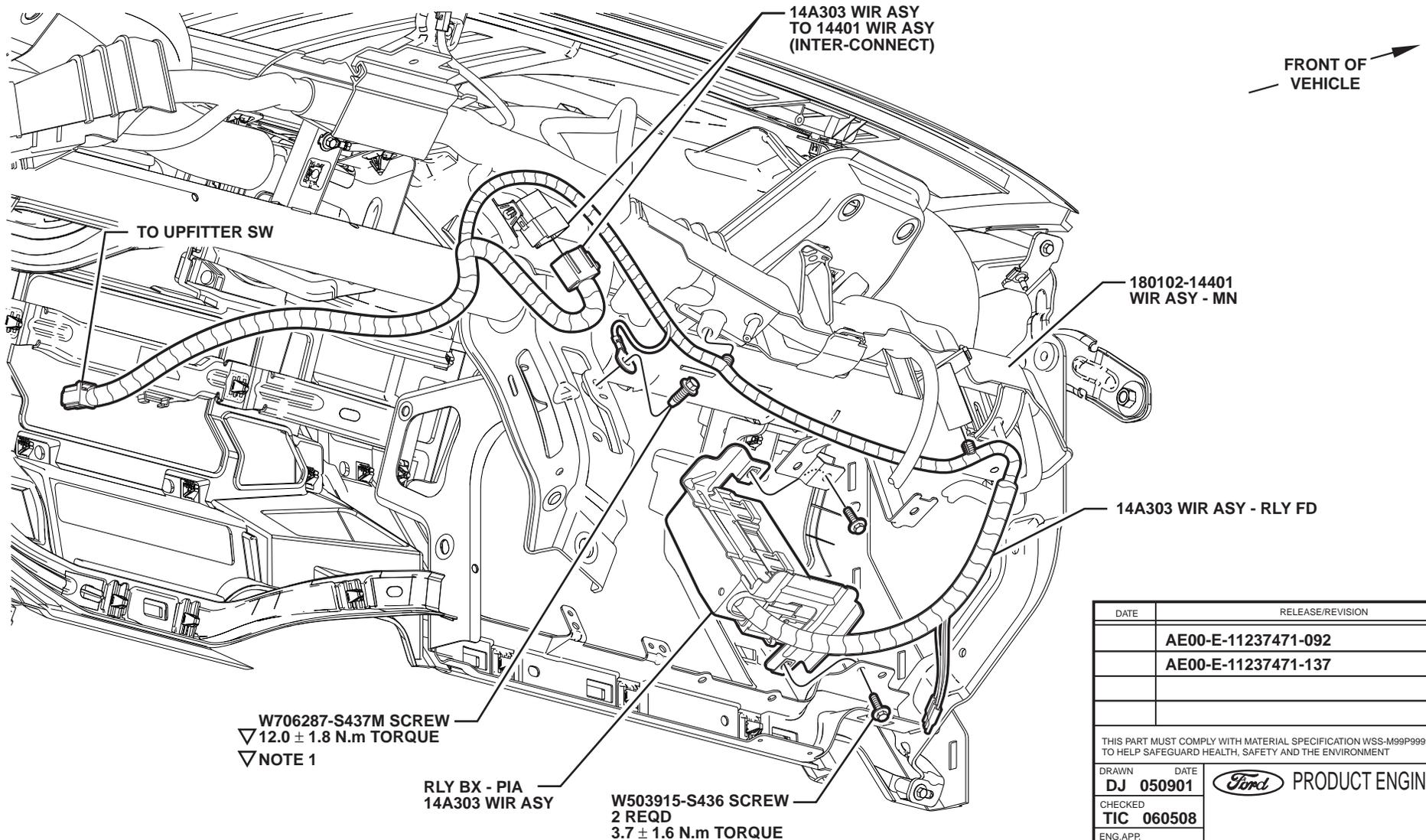
Switches	Circuit	Color	Fuse
Aux 1	CAC05	Yellow	30 Amp
Aux 2	CAC06	Green/Brown	30 Amp
Aux 3	CAC07	Violet/Green	10 Amp
Aux 4	CAC08	Brown	15 Amp

For further information on the Upfitter Switches, refer to QVM Bulletin Q117-R1.

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

OWNER

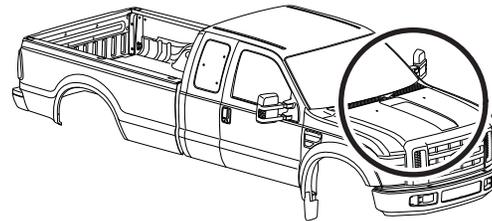
AFL

CODE
7025

TO UPFITTER SW

14A303 WIR ASY
TO 14401 WIR ASY
(INTER-CONNECT)FRONT OF
VEHICLE180102-14401
WIR ASY - MN

14A303 WIR ASY - RLY FD

W706287-S437M SCREW
▽ 12.0 ± 1.8 N.m TORQUE
▽ NOTE 1RLY BX - PIA
14A303 WIR ASYW503915-S436 SCREW
2 REQD
3.7 ± 1.6 N.m TORQUE

DATE	RELEASE/REVISION	
	AE00-E-11237471-092	
	AE00-E-11237471-137	
THIS PART MUST COMPLY WITH MATERIAL SPECIFICATION WSS-M99P9999-A1 TO HELP SAFEGUARD HEALTH, SAFETY AND THE ENVIRONMENT		
DRAWN DJ 050901	DATE	 PRODUCT ENGINEERING
CHECKED TIC 060508		
ENG APP J.BRZEZINSKI	APPLICATION P356 - SUPER DUTY	
B. MAES	REFERENCE ELECTRICAL INSTALLATION	
JMS	INSTALLATION/TITLE WIRING ASY - RELAY FEED LH REAR SIDE INSTRUMENT PANEL	
JTW 060508	DRAWING NUMBER ▽ IL-8C34-180102-14A303-01	

▽ NOTE 1: TORQUE CONTROL

▽ CONTROL ITEM - THE ▽ ALSO IDENTIFIES CRITICAL CHARACTERISTICS DESIGNATED BY THE CROSS FUNCTIONAL TEAMS DEVELOPING THE PRODUCT. THESE, AND ADDITIONAL CRITICAL CHARACTERISTICS IDENTIFIED BY PROCESS REVIEWS, MUST APPEAR ON THE CONTROL PLANS ACCORDING TO QS 9000. THESE CONTROL PLANS REQUIRE PRODUCT ENGINEERING APPROVAL.