



Campaign Directive **Slider Door Catches for FMVSS 206**

NHTSA ID: 11V-606

Transport Canada ID: N/A

Document Part Number: 03102510-D008EN

Revision: B

Situation: Certain work trucks do not comply with FMVSS 206, S4.2.1, which requires each sliding door system to be equipped with either a primary door latch system or a door latch system with a fully latched position and a door closer warning system.

Corrective Action Summary for Standard Catches: Replace forward door catches with 2-position catches.

Corrective Action Summary for Keyless Catches: Add a switch at the door catches to activate a door ajar light mounted on the dash panel.

Range of Units Affected: Aeromaster bodies with cab sliding doors manufactured between September 1, 2009 and December 22, 2011. Contact Utilimaster Warranty Department to verify chassis VIN.

This document describes the rework instructions for six cab sliding door configurations:

1. Kit **23003461SK**, 2-position catch at the passenger's side only (doorless driver) across all chassis.
2. Kit **23003462SK**, 2-position catch at BOTH cab doors across all chassis.
3. Kit **23003465SK**, keyless catch at the passenger's side only (doorless driver) across all chassis.
4. Kit **23003466SK**, keyless catch at BOTH cab doors across all chassis.
5. Kit **23003409SK**, Door ajar light for 78.5" wide passenger's side only (doorless driver) on the E-350 and E-450 Ford chassis.
6. Kit **23003410SK**, Door ajar light for 78.5" wide BOTH cab doors on the E-350 and E-450 Ford chassis.



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Tools Required:

- Drill with #11 (or 3/16"), 5/16", and 7/32" bits
- Drill stop set at 5/16"
- Standard ratchet and combination wrench sets
- Screw gun with #30 Torx[®] bit
- Rivet gun
- Torque wrench
- Heat gun

CAUTION

Always wear safety glasses and other proper protective equipment (gloves, hearing protection, etc.) as appropriate to the process.

Kit #1 Secondary Catch on the Passenger's Side Only:

23003461SK KIT CATCH SECOND PS ONLY 2POS

Part Number	Description	Qty.
57235362-R0000	CATCH ASY SLDG DR 2 POS RH	(1)
06937629	STIFFENER QTR POST ROTATION	(1)
11600208-014SS	RIVET SS 3/16	(6)
11000033	BOLT 1/4-20 x 1-1/4 HXHD CAP G5-Z	(2)
11008115	WASHER 1/4 LOCK	(2)
11600221	WASHER FLAT 1/4"	(2)
11300177	SCREW 1/4-20 x 3/4 TORX PN	(1)
11600998-05D16L	BOLT HEX FLG 5/16-18 x 1 GR8 DACROMET	(2)
11404065	NUT HEX 5/16-18 HX FL	(2)
T5427707D02R	TEMPLATE SLDR CATCH RH	(1)
03104479	DECAL SERVICED JOB CODE	(1)
03102510-D008EN	DOOR CATCH INSTAL INSTRUCTIONS	(1)

Kit #2 Secondary Catch on Both Cab Doors:

23003462SK KIT CATCH BOTH DOORS 2POS

Part Number	Description	Qty.
57235362-L0000	CATCH ASY SLDG DR 2 POS LH	(1)
57235362-R0000	CATCH ASY SLDG DR 2 POS RH	(1)
06937629	STIFFENER QTR POST ROTATION	(2)
11600208-014SS	RIVET SS 3/16	(12)
11000033	BOLT 1/4-20 x 1-1/4 HXHD CAP G5-Z	(4)
11600221	WASHER FLAT 1/4"	(4)
11008115	WASHER 1/4 LOCK	(4)
11300177	SCREW 1/4-20 x 3/4 TORX PN	(2)
11600998-05D16L	BOLT HEX FLG 5/16-18 x 1 GR8 DACROMET	(4)
11404065	NUT HEX 5/16-18 HX FL	(4)
T5427707D02R	TEMPLATE SLDR CATCH RH	(1)
T5427707D02L	TEMPLATE SLDR CATCH LH	(1)
03104479	DECAL SERVICED JOB CODE	(1)
03102510-D008EN	DOOR CATCH INSTAL INSTRUCTIONS	(1)



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Kit #3 Keyless Catch on the Passenger's Side Only:

23003465SK KIT CATCH KYLS DLS 2POS

Part Number	Description	Qty.
06937249-00002	BRACKET DOOR AJAR KYLS MT RH	(1)
11600869	SCREW PAN HEAD PHIL 4-40 x 5/8	(2)
11600877	NUT KEP 4-40 HEX ZC	(2)
16514865	SWITCH DOOR AJAR MICRO SNAP LEVER	(1)
16514862	HARNESS DOOR AJAR SWITCH	(1)
03103268	DECAL DOOR AJAR	(1)
16514632-R2120	LIGHT LED MINI RED	(1)
16605698	STRAP WIRE TIE BLACK 8.5"	(6)
11400620	RIVET 3/16	(1)
03104479	DECAL SERVICED JOB CODE	(1)
03102510-D008EN	DOOR CATCH INSTAL INSTRUCTIONS	(1)

Kit #4 Keyless Catch on Both Cab Doors:

23003466SK KIT CATCH KYLS DRS 2POS

Part Number	Description	Qty.
06937249-00001	BRACKET DOOR AJAR KYLS MT LH	(1)
06937249-00002	BRACKET DOOR AJAR KYLS MT RH	(1)
11600869	SCREW PAN HEAD PHIL 4-40 x 5/8	(4)
11600877	NUT KEP 4-40 HEX ZC	(4)
16514865	SWITCH DOOR AJAR MICRO SNAP LEVER	(2)
16514862	HARNESS DOOR AJAR SWITCH	(1)
03103268	DECAL DOOR AJAR	(1)
16514632-R2120	LIGHT LED MINI RED	(1)
16605698	STRAP WIRE TIE BLACK 8.5"	(12)
11400620	RIVET 3/16	(2)
03104479	DECAL SERVICED JOB CODE	(1)
03102510-D008EN	DOOR CATCH INSTAL INSTRUCTIONS	(1)



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Kit #5 Door Ajar Light 78.5" Wide Ford on the Passenger's Side Only:

23003409SK Door Ajar Service Kit DRSL/SLDR

Part Number	Description	Qty.
06933893	BRACKET LH/RH DOOR AJAR MICRO SWITCH	(1)
16514865	SWITCH DOOR AJAR MICRO SNAP LEVER	(1)
11600869	SCREW PAN HEAD PHIL 4-40 x 5/8	(2)
11600877	NUT KEP 4-40 HEX ZC	(2)
11300177	SCREW 1/4-20 x 3/4 TX PN	(2)
11008141	WASHER 1/4 FLAT ZINC	(2)
16514862	HARNESS DOOR AJAR SWITCH IN LATCH	(1)
03103268	DECAL DOOR AJAR	(1)
16514632-R2120	LIGHT LED MINI RED	(1)
11400620	RIVET 3/16	(1)
16605698	STRAP WIRE TIE BLACK 8.5"	(6)
03104479	DECAL SERVICED JOB CODE	(1)
03102510-D008EN	DOOR CATCH INSTAL INSTRUCTIONS	(1)

Kit #6 Door Ajar Light 78.5" Wide Ford on Both Cab Doors:

23003410SK Door Ajar Service Kit SLDR/SLDR

Part Number	Description	Qty.
06933893	BRACKET LH/RH DOOR AJAR MICRO SWITCH	(2)
16514865	SWITCH DOOR AJAR MICRO SNAP LEVER	(2)
11600869	SCREW PAN HEAD PHIL 4-40 x 5/8	(4)
11600877	NUT KEP 4-40 HEX ZC	(4)
11300177	SCREW 1/4-20 x 3/4 TX PN	(4)
11008141	WASHER 1/4 FLAT ZINC	(4)
16514862	HARNESS DOOR AJAR SWITCH IN LATCH	(1)
03103268	DECAL DOOR AJAR	(1)
16514632-R2120	LIGHT LED MINI RED	(1)
11400620	RIVET 3/16	(2)
16605698	STRAP WIRE TIE BLACK 8.5"	(12)
03104479	DECAL SERVICED JOB CODE	(1)
03102510-D008EN	SLIDER DOOR CATCH INSTAL INST.	(1)

NOTE: The information in this document applies to multiple chassis and body sizes. Images and procedures may differ from those for vehicles you are servicing. Because Utilimaster manufactures customized vehicle bodies, this document cannot list and illustrate every possible option for every vehicle. Additional options and/or equipment may need to be removed to perform this work. Use this information as a guideline.

**Procedure for 2-Position Catch (Kits 1 and 2)**

1. Read and understand all the instructions before starting the repair.
2. Validate the VIN, chassis, and door configuration with the notification. If any of the information does NOT match, contact Utilimaster Corporation before starting work.
3. Verify kit number and application.

NOTE: This procedure describes replacing the door catch at one door. Repeat the process if there are two sliding cab doors.

4. Remove the Torx-head set screw.
5. Remove the steel door catch and discard.

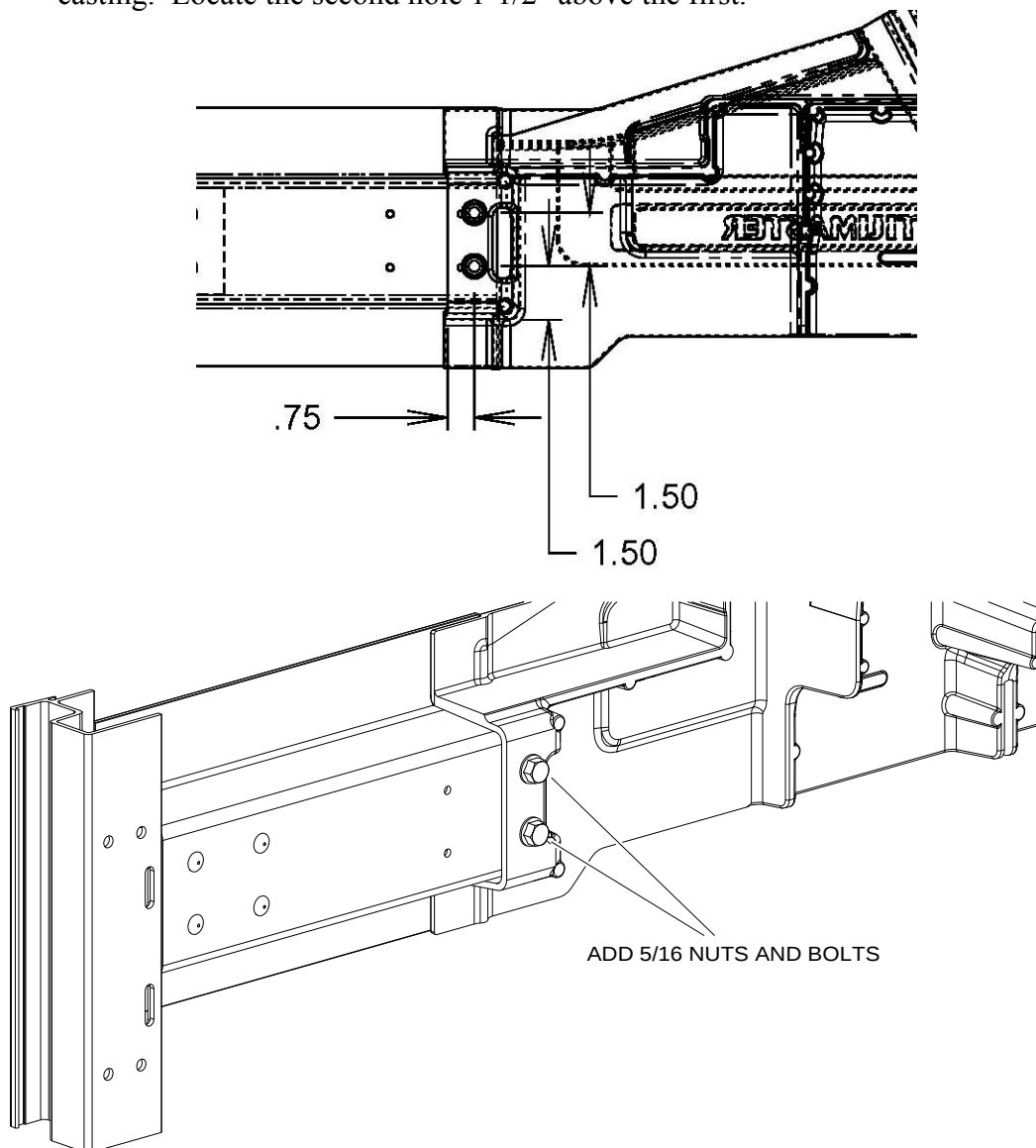


Discard original latch and fasteners

**NOTICE**

Set drill stop no deeper than 5/16" to avoid the wires inside the casting when drilling through quarter post casting.

6. Set the drill stop to 5/16" and drill (2) 5/16" holes in the quarter post casting. Locate the bottom hole 3/4" from the rear edge and 1-1/2" from the bottom of the casting. Locate the second hole 1-1/2" above the first.



5/16" fasteners at the quarter panel casting

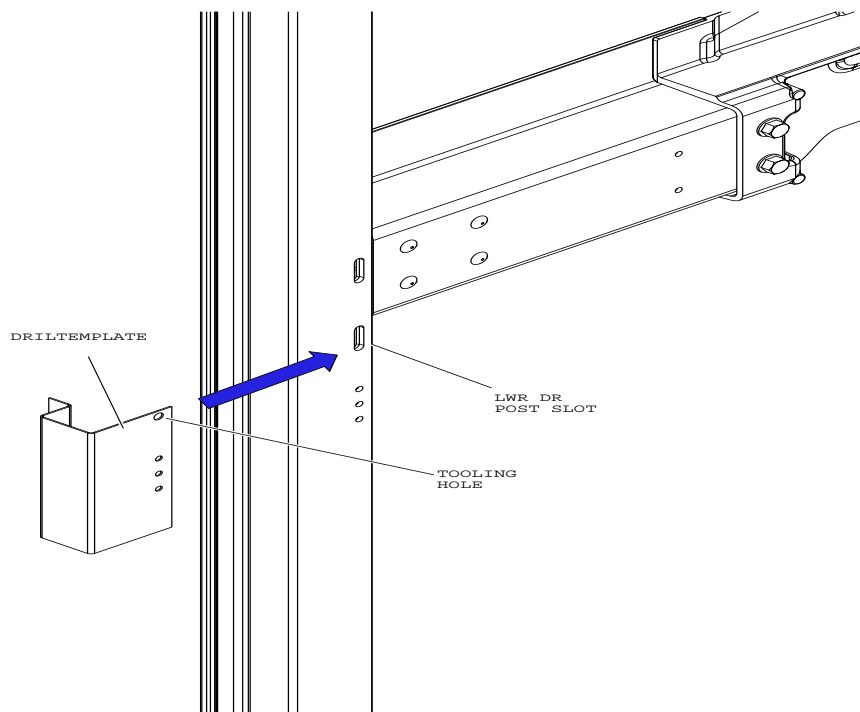
7. Torque the bolts to 10–15 ft•lbs.

8. Start at the top and pull the door seal out of the forward doorpost to about 8" below the door catch.

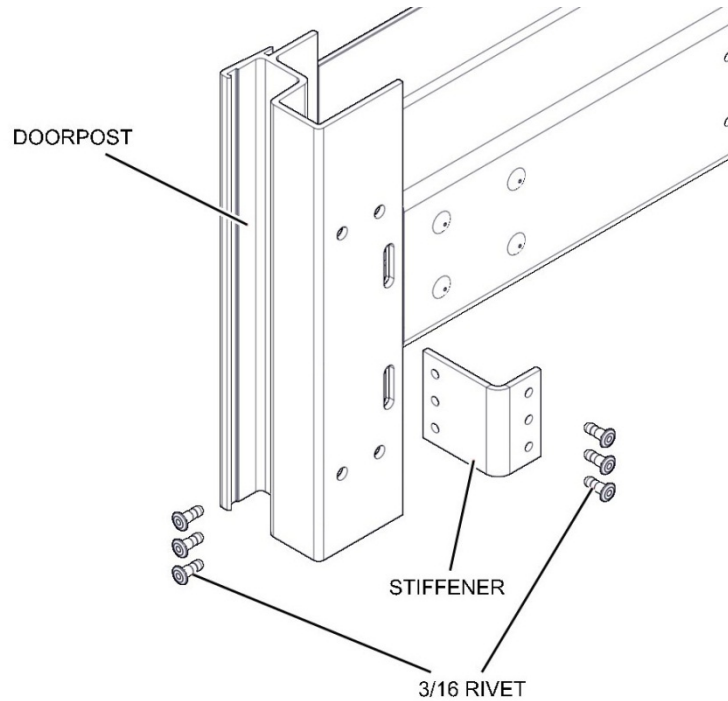


Remove the door seal

9. Align the (left-hand or right-hand) drill template with the lower slot in the forward doorpost with a pin or bolt.



Align drill template with slot in lower door post



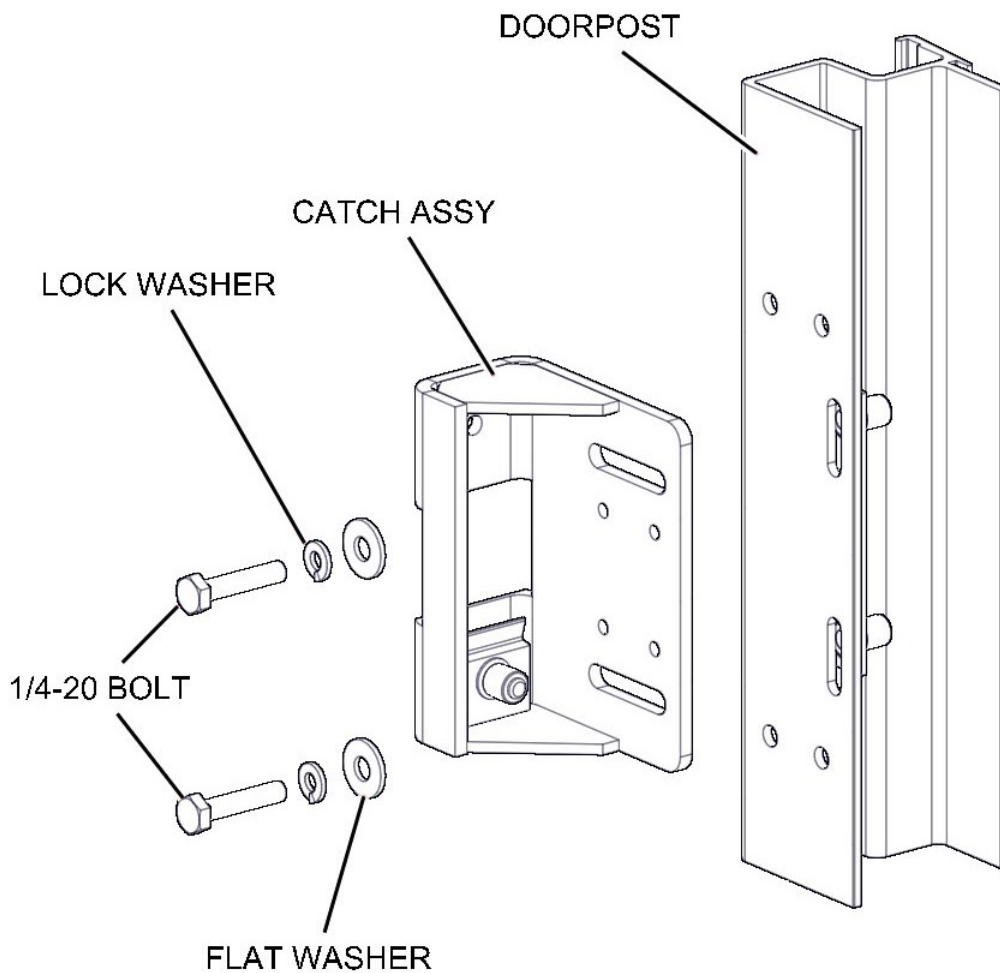
Doorpost stiffener set inside of forward door post

10. Use the template as a guide and mark the (6) holes.
11. Drill (6) 3/16" holes in the doorpost.
12. Secure the stiffener with (6) blind rivets.



Quarter post rotation stiffener installed

13. Replace doorpost seal.



Latch installation

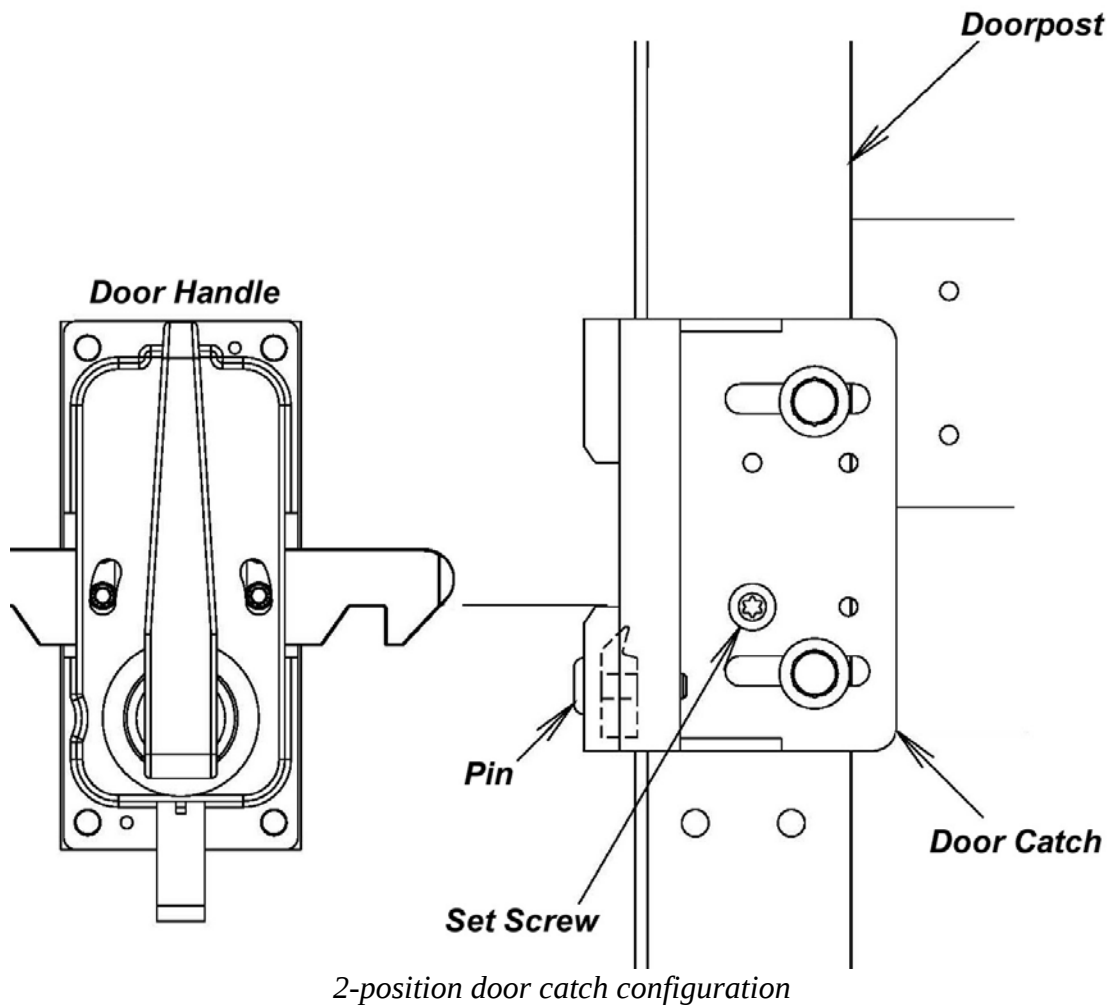
NOTICE

Do NOT use thread lock on the door catch fasteners.

14. Secure the catch (with the silver pin down) to the doorpost with flat washers, lock washers, and 1/4-20 bolts.



Silver pin indicates bottom of catch

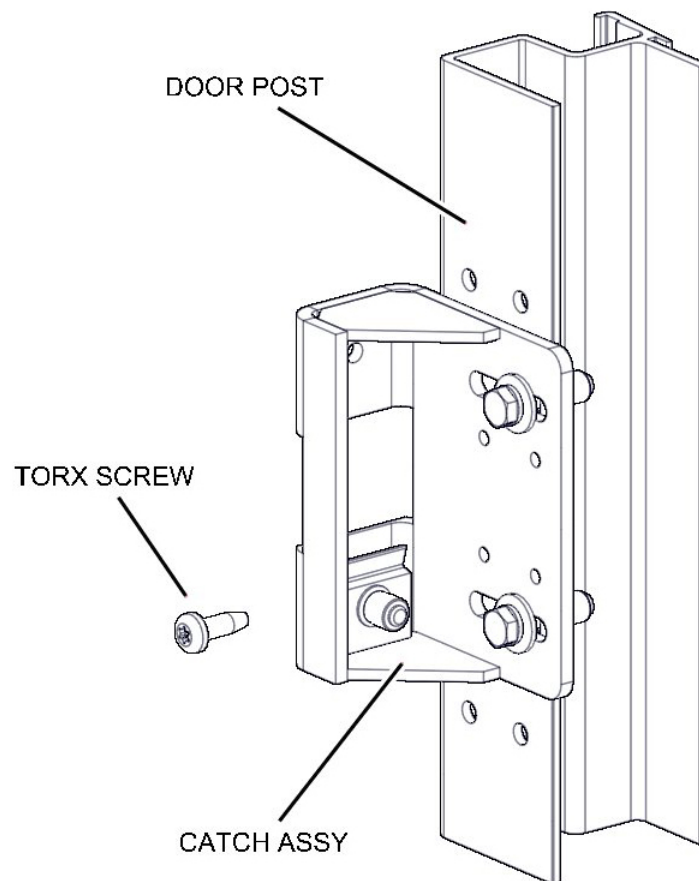


15. Close the door and adjust catch to engage the tongue of the door handle by 1/8" and tighten the catch bolts. Cycle the door (open and closed) several times and make any necessary adjustments.
16. Torque the bolts to 6.4–7.6 ft•lbs.

NOTICE

Do NOT reuse the original set screw hole.

17. Use (1) of the set screw holes in the catch as a guide to drill a 7/32" pilot hole into the doorpost.



Secure catch after adjusting the alignment

18. Secure a self-tapping Torx-head set screw in the hole.

Procedure for Keyless Catch (Kits 3 and 4)**! CAUTION**

Batteries that are improperly connected can potentially explode and discharge acid, causing vehicle damage and personal injury. Refer to the chassis manufacturer's instructions.

Always remove the (BLACK) Negative cable first and connect it last.

Battery posts and related accessories may contain lead and lead compounds. Wash hands after handling.

Always wear proper protective equipment when working around batteries.

1. Read and understand all the instructions before starting the repair.
2. Verify kit number and application.

NOTE: This procedure describes replacing the door catch on one sliding cab door. Repeat the process if there are two sliding cab doors.

NOTE: Keep all fasteners for reinstallation unless noted otherwise.

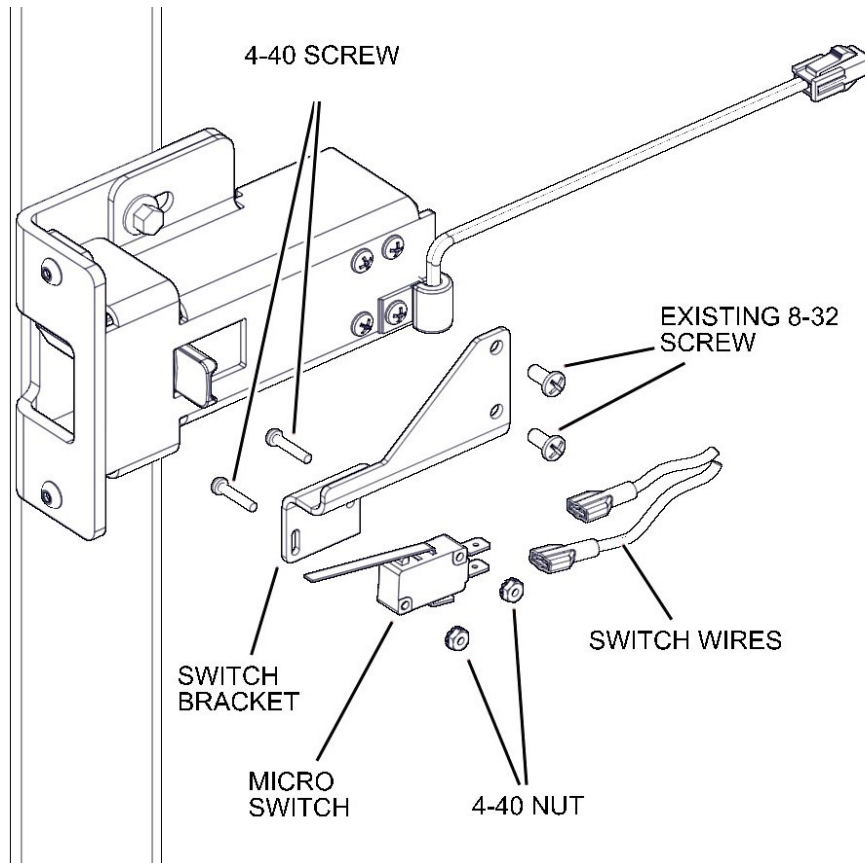
3. Perform a total electrical systems check such as lights, heater and air-conditioning controls, wiper system, keyless entry functions, vehicle options, etc.
4. Correct all issues discovered during the systems check BEFORE proceeding.
5. Disconnect the **Negative (-)** battery cable(s) and tuck away from the terminals to prevent accidental contact.
6. Review the dash panel to determine the door ajar light location. There will need to be enough space to mount the light and apply the adjoining decal.



Door ajar light on dash panel (Freightliner shown)

7. Remove the dash cover.

8. Lay out door ajar light harness across dash with the end with the part number label toward the driver's side. Route the other end of the harness across body to passenger's side door, if applicable.
9. Secure micro switch to switch bracket with (2) 4-40 screws and KEPS® nuts.



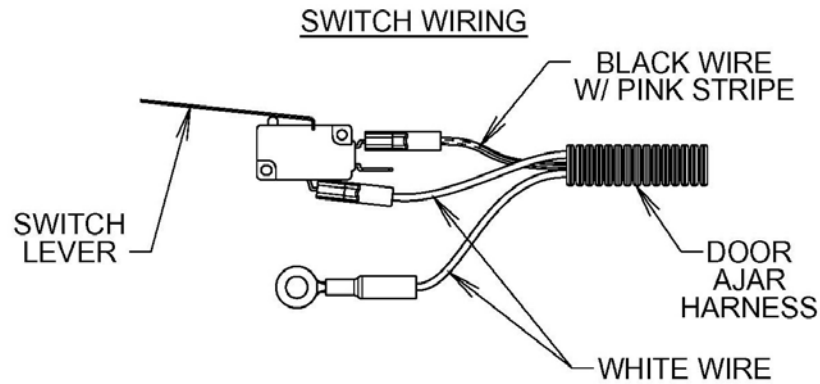
Keyless latch configuration

10. Remove the (2) screws closest to the doorpost of the four screw pattern on the latch and use these screws to mount the switch bracket to the latch.

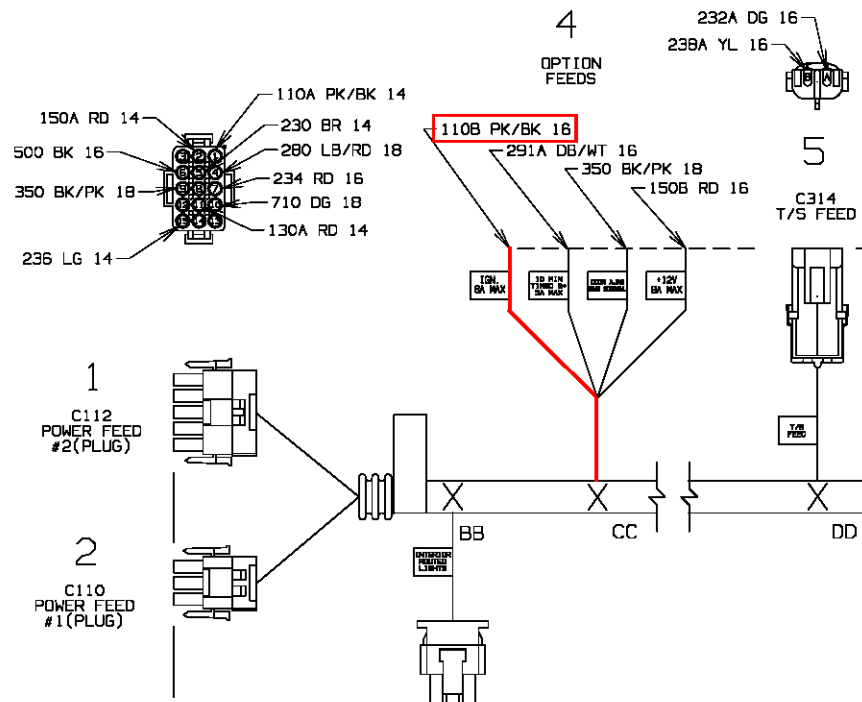


Campaign Directive Slider Door Catches for FMVSS 206

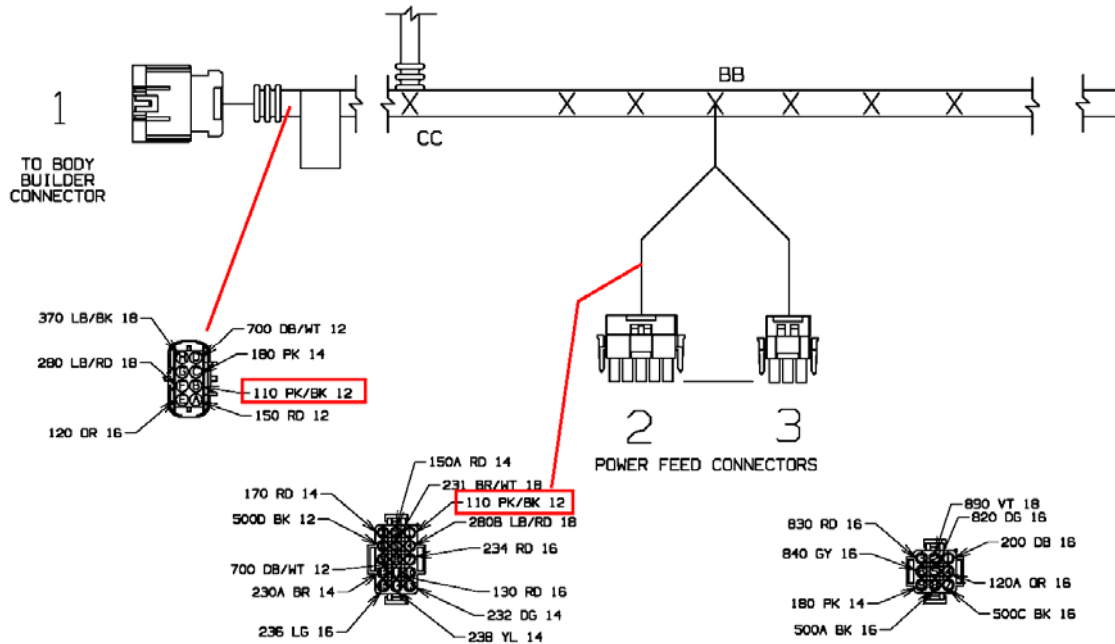
11. Attach the WHITE ground wire to any ground (metal) surface with a blind rivet.
12. Attach black wire with pink stripe to the micro switch(s).



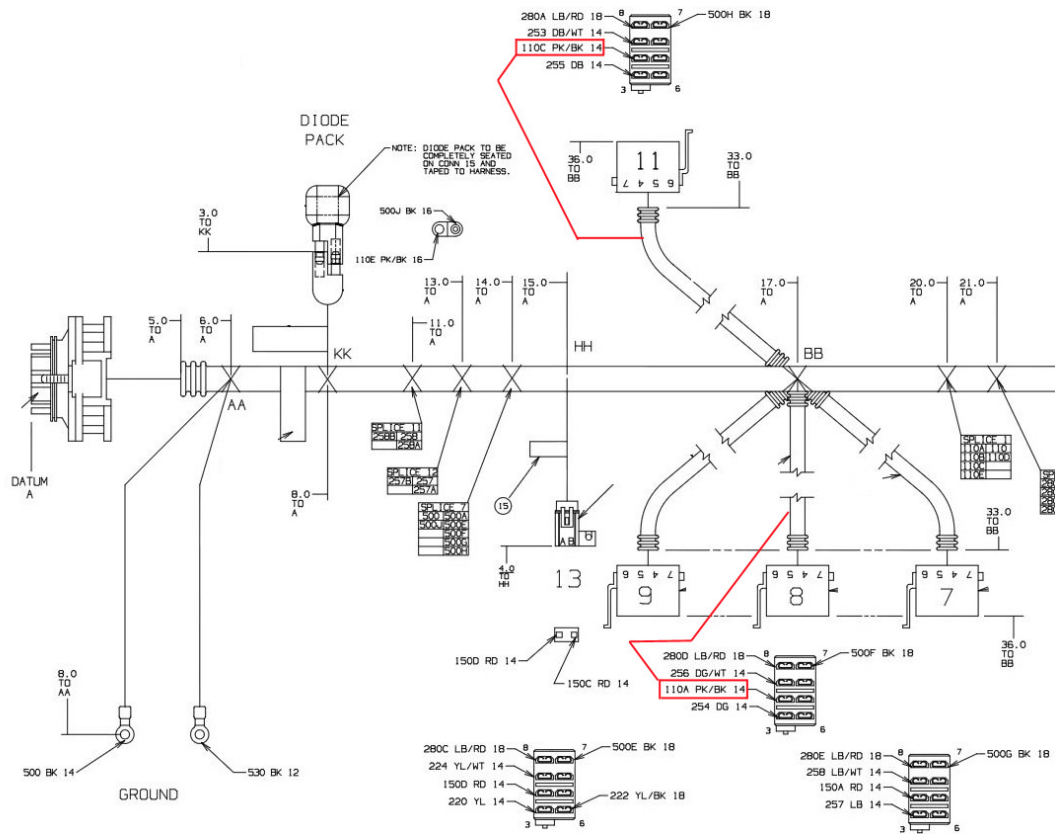
Micro switch connections



Utilimaster wire harness (16513482) on Ford chassis



Utilimaster wire harness (16514700) on Freightliner chassis



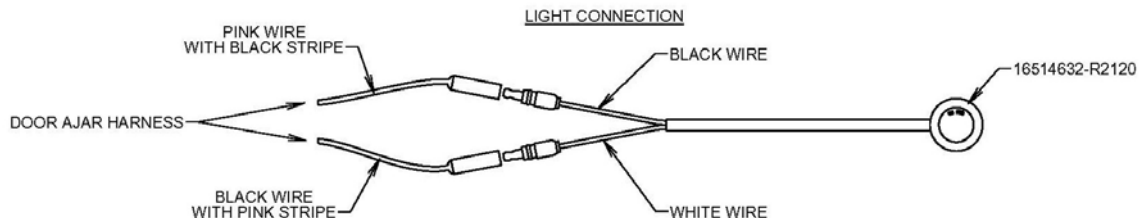
Utilimaster wire harness (16512282) on Workhorse chassis

13. Splice the butt terminals on wire harness to a PINK/BLACK stripe (**ignition hot**) wire of the Utilimaster harness.

NOTICE

Ensure the area behind the dash panel is clear before drilling.

14. Drill a 3/4" diameter hole in the dash panel for the door ajar light.
15. Mount the door ajar light in the dash panel.
16. Clean the dash surface and secure the CAB DOOR AJAR decal near the light.
17. Connect the door ajar light to the wire harness.



Door ajar light connections

18. Connect the **Negative (-)** battery cable(s).
19. Close the cab door(s) and turn ignition key to the ACCESSORY position. Verify that the door ajar light is NOT illuminated.
20. Open and close each cab door separately to verify that the light illuminates when opened. Cycle each door three times to ensure the proper function of the light.
21. Turn the ignition OFF.
22. Seal the heat shrink on the butt connectors.

NOTICE

All wire harnesses need to be free and clear from the range of motion of any moving part (i.e. heater and transmission control cables) and MUST be prevented from falling into the range of motion of a moving part.

23. Secure the wire harness with wire ties a minimum of 18" apart.
24. Install the dash cover.

Procedure for 78.5 Wide Door Ajar Light (Kits 5 and 6)

1. Read and understand all the instructions before starting the repair.
2. Turn the vehicle OFF and set the park braking.

⚠ CAUTION

Batteries that are improperly connected can potentially explode and discharge acid, causing vehicle damage and personal injury. Refer to the chassis manufacturer's instructions.

Always remove the (BLACK) Negative cable first and connect it last.

Battery posts and related accessories may contain lead and lead compounds. Wash hands after handling.

Always wear proper protective equipment when working around batteries.

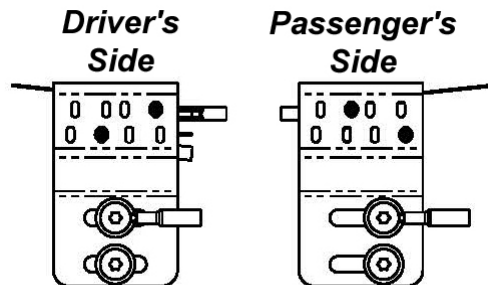
3. Disconnect the **Negative (BLACK)** battery cable(s).
4. Tuck the battery cable away from the terminal to prevent accidental contact.
5. Review the dash area to determine the door ajar light location. There will need to be enough space to mount the light and apply the adjoining decal.



Example of door ajar light location

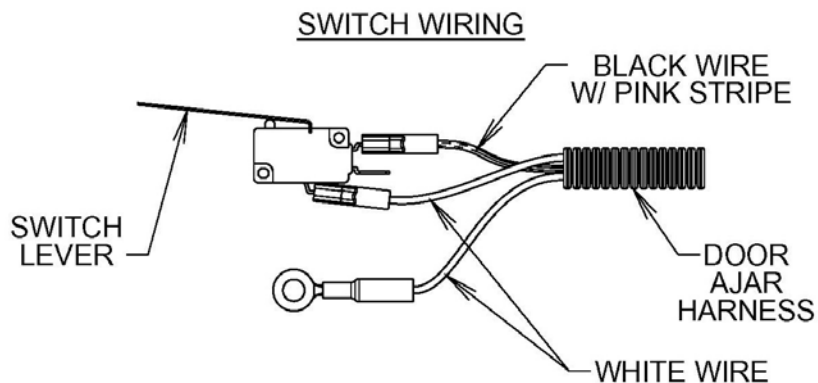
6. Remove the dash cover.
7. Lay harness 16514862 across dash with the end with the part number label toward the driver's side. Route the other end of the harness across body to passenger's side switch if applicable.

8. Secure micro switch (16514865) to bracket (06933893) with two screws (11600869) and two KEPS nuts (11600877). Follow the specific mounting configurations for the driver's and passenger's side applications.



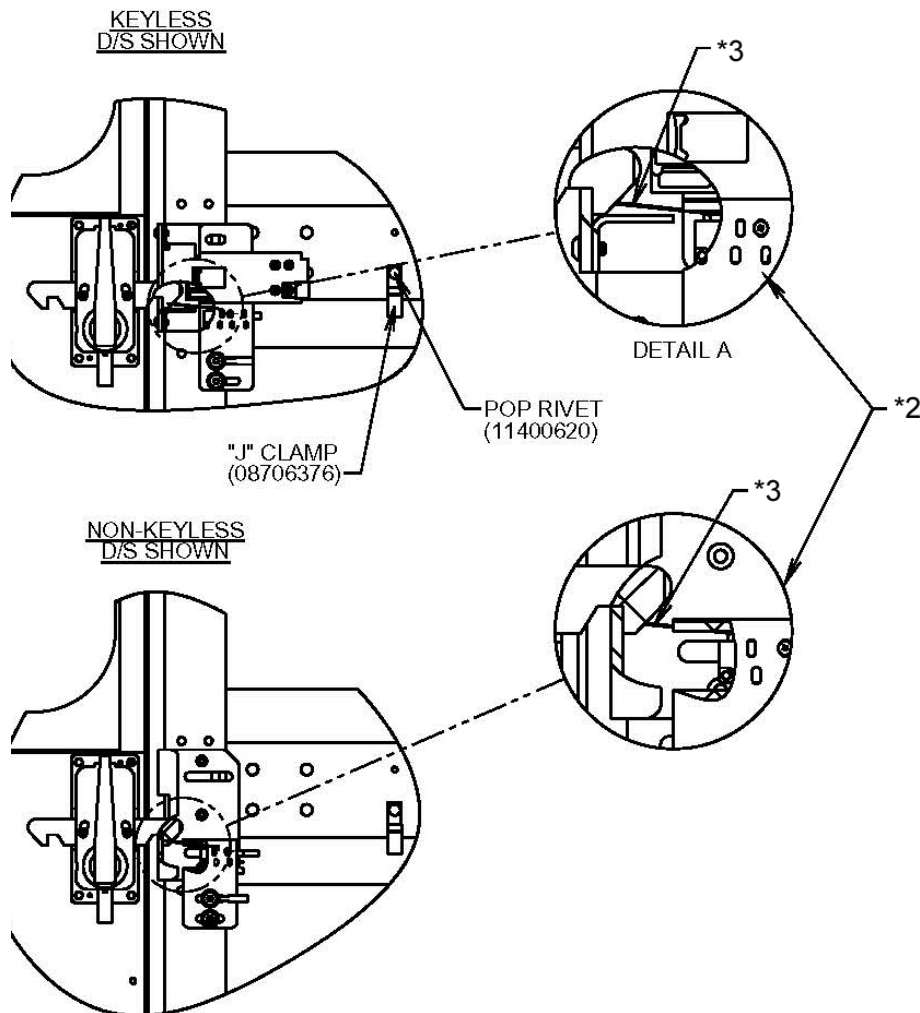
Switch to bracket configuration

9. Attach the WHITE ground wire to any ground (metal) surface with rivet.
10. Attach the bracket assembly(ies) to the forward doorpost, using two screws (11300177) and two flat washers (11008141).
11. Attach black wire with pink stripe to the micro switch(s).



Micro switch connections

12. Adjust the micro bracket assembly(ies) lever placement and orientation and secure the screws.



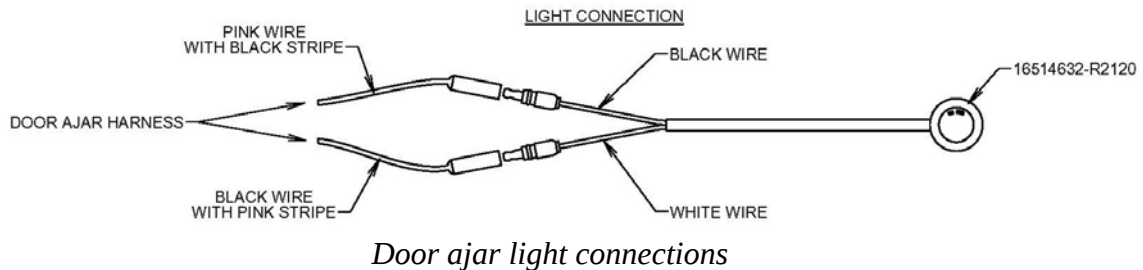
- *2** Position the switch lever just below the opening for the catch. Ensure that the switch lever will make contact with the latch when it clears the catch. Adjust the switch so that it will be full depressed when the latch is fully engaged with the latch. Ensure that the switch returns and activates when the door is unlatched.
- *3** Lever shown in the not-depressed state.

NOTICE

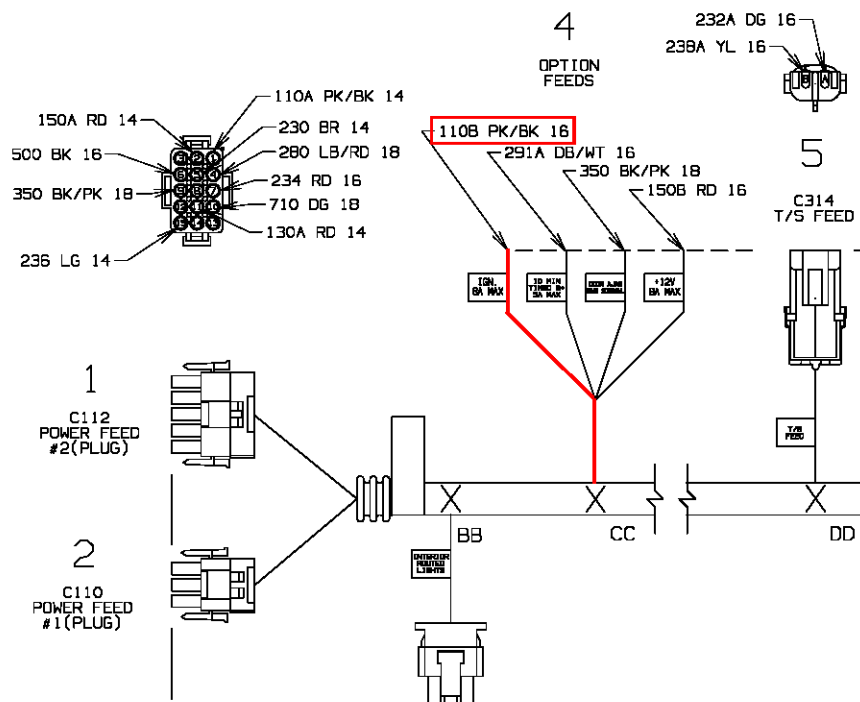
Ensure the area behind the dash panel is clear before drilling.

13. Drill a 3/4" diameter hole in the dash panel for the door ajar light.
 14. Mount the door ajar light in the dash panel.
 15. Clean the dash surface and secure the CAB DOOR AJAR label near the light.

16. Connect the door ajar light to the wire harness indicator light pigtail.



17. Connect the butt terminals on wire harness 16514862 to a PINK/BLACK stripe (**ignition hot**) wire of an existing Utilimaster harness. Reference 16513482 for Fords and 16514700 for Freightliners.



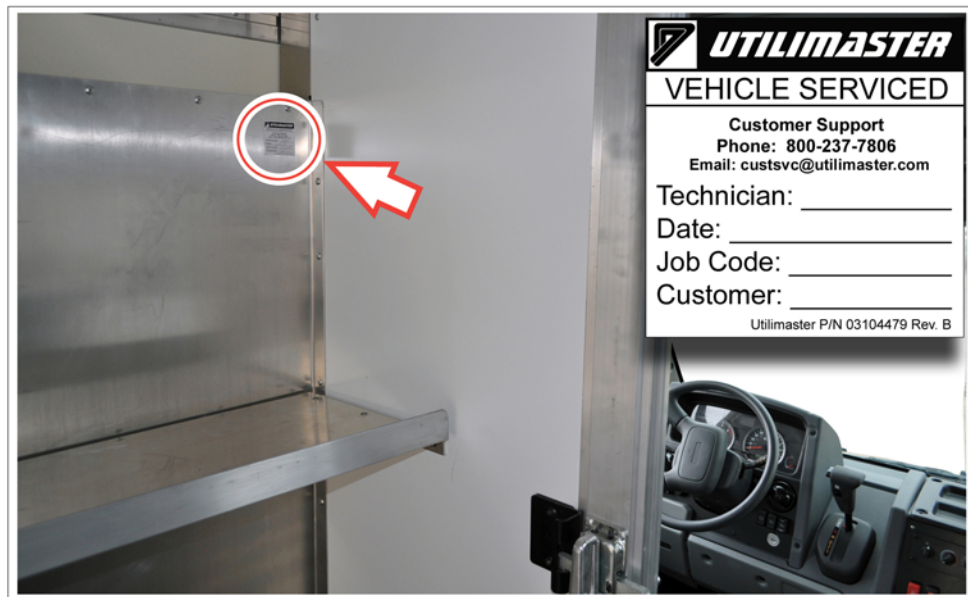
Utilimaster wire harness 16513482 on Ford chassis

18. Seal the heat shrink on the butt connectors.
19. Connect the **Negative (BLACK)** battery cable(s).
20. Close the cab door(s) and turn vehicle key to the ACCESSORY position. Verify that the door ajar light is NOT illuminated.
21. Open and close each cab doors separately to verify that the light illuminates when opened. Cycle each door three times to ensure the proper function of the light.
22. Turn the vehicle OFF.

**NOTICE**

All wire harnesses need to be free and clear from the range of motion of any moving part (i.e. heater and transmission control cables) and be prevented from falling into the range of motion of a moving part.

23. Secure the wire harness with wire ties a minimum of every 18".
24. Install the dash cover.
25. Use the NHTSA ID number 11V-606 from this document to complete the Job Code on the SERVICED decal.
26. Adhere the decal to the upper right-hand corner of the driver's door pocket panel next to the bulkhead wall. Do NOT cover any previously applied decals.



SERVICED decal on driver's door pocket (cargo side)



Campaign Directive Slider Door Catches for FMVSS 206

NOTE: In order to be reimbursed for labor, the repair MUST be completed, warranty claim filed, and defective parts returned within 1 year from the date of this publication.

Contact Utilimaster to Order Parts and File Warranty.

Email: Warranty@Utilimaster.com

Phone: 574-848-2000

Mail or Express Service:

Fax: 574-848-2809

Utilimaster Corp.

Attn: Warranty Dept.

603 Earthway Blvd.

Bristol, IN 46507-9182, USA

Labor Allowance for 2-position catch on passenger's side only:

Up to .4 hour

Labor Allowance for 2-position catch on both cab doors:

Up to .75 hour

Labor Allowance for keyless catch on passenger's side only:

Up to .65 hour

Labor Allowance for keyless catch on both cab doors:

Up to 1 hour

Labor Allowance for 78.5" door ajar light on passenger's side only:

Up to .5 hour

Labor Allowance for 78.5" door ajar light on both cab doors:

Up to .5 hour

Job Op Code: 13-D6-18-GF

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