



DATE: 2-12-18

APPLIES TO: This service bulletin applies to Emergency Response chassis cabs identified in the table below.

Model	Model Year
Advantage	2005 – 2009
Diamond	2004 – 2008
Gladiator	2004 – 2017
MetroStar	2006 – 2017
MetroStar R/T	2010 - 2014

CONDITION: The compartment door switch may become inoperative.

CORRECTION: Relocate compartment door switch.

LABOR ALLOCATION: 1.5 hrs

CLASSIFICATION: E

PARTS NEEDED:

Note: Quantities in each kit are for one (1) compartment door. If there are multiple compartments the quantity of kits needed will be equal to the number of compartments.

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	S-2623-001	KIT-POLLAK COMPARTMENT SWITCH RE-LOCATION

Kit # S-2623-001 Contains:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	4774-NN2-001	BRACKET-SWITCH, POLLAK
1	4773-NN2-001	BRACKET-SWITCH CONTACT
1	4775-NN2-001	BUMPER-RUBBER STOP
1	04100FDRWS	WASHER-FENDER
1	1024NLNZ	NUT-10-24 NYLON LOCK
3	04200063HS	BOLT-1/4-20 x .63 HEX HD SS
3	0420ANS	NUT-ACORN SS

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	3	04FWSAES	WASHER - 1/4" SAE SS
	3	0420075HWTCFS	SCREW-1/4"-20 x .75 HEX WASHER
HD SS			
	1	TSB18-530-001	SERVICE BULLETIN, ENGLISH
	1	TSB18-530-002	SERVICE BULLETIN, FRENCH
	1	0134-GG3-049	DOOR JAMB SWITCH POLLACK 52-
620			

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	S-2623-002	KIT-COLE HERSEE COMPARTMENT SWITCH RE-LOCATION

Kit # S-2623-002 Contains:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	4774-NN2-002	BRACKET-SWITCH, COLE HERSEE
1	4773-NN2-001	BRACKET-SWITCH CONTACT
1	4775-NN2-001	BUMPER-RUBBER STOP
1	04100FDRWS	WASHER-FENDER
1	1024NLNZ	NUT-10-24 NYLON LOCK
3	04200063HS	BOLT-1/4-20 x .63 HEX HD SS
3	0420ANS	NUT-ACORN SS
3	04FWSAES	WASHER - 1/4" SAE SS
3	0420075HWTCFS	SCREW-1/4"-20 x .75 HEX WASHER HD SS
1	TSB18-530-001	SERVICE BULLETIN, ENGLISH
1	TSB18-530-002	SERVICE BULLETIN, FRENCH
1	0134-GG3-035	DOOR JAMB SWITCH COLE HERSEE

GENERAL INSTRUCTIONS:

Thoroughly review entire service bulletin before starting work. If there are questions or concerns with steps defined in this service bulletin, contact Spartan Motors USA, Inc. Customer & Product Support Group.

All applicable industry safety standards must be followed when performing work identified in this procedure.

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STEP-BY-STEP INSTRUCTIONS:

1. Identify which compartment door switch is installed (either Pollak or Cole Hersee). Kit S-2623-001 is required for the Pollak switch and kit S-2623-002 is required for the Cole Hersee switch. Refer to FIG. 3-1 for switch identification.

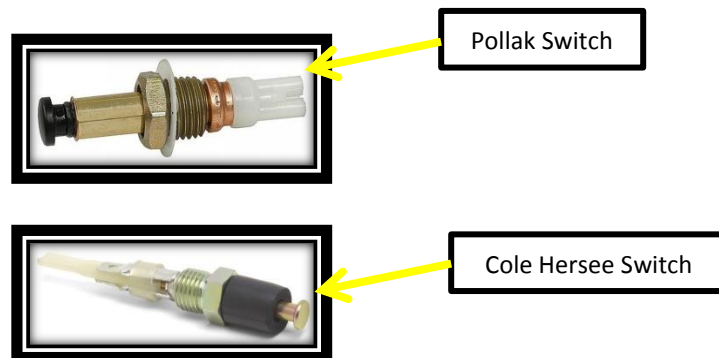
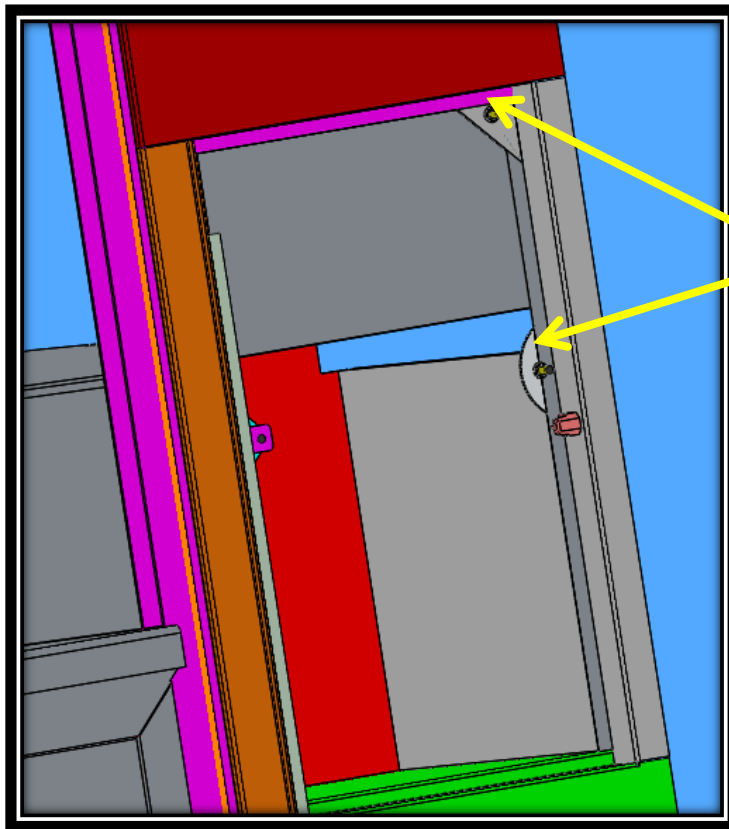


FIG. 3-1

2. Remove the existing mechanical door switch on the latch side of the compartment door frame and discard existing switch. Install rubber bump stop provided in kit into existing switch location. Refer to FIG. 4-1 for possible locations.

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Remove existing switch, two possible locations are shown. Install rubber bump stop provided in kit.

FIG. 4-1

3. Install new switch bracket on the hinge side of the compartment with vertical placement (dimension "X") in a best fit location for compartment options. The outboard face of the bracket should be 0.25" from the outboard face of the bulb seal flange. Refer to FIG. 5-1 and FIG. 5-2.

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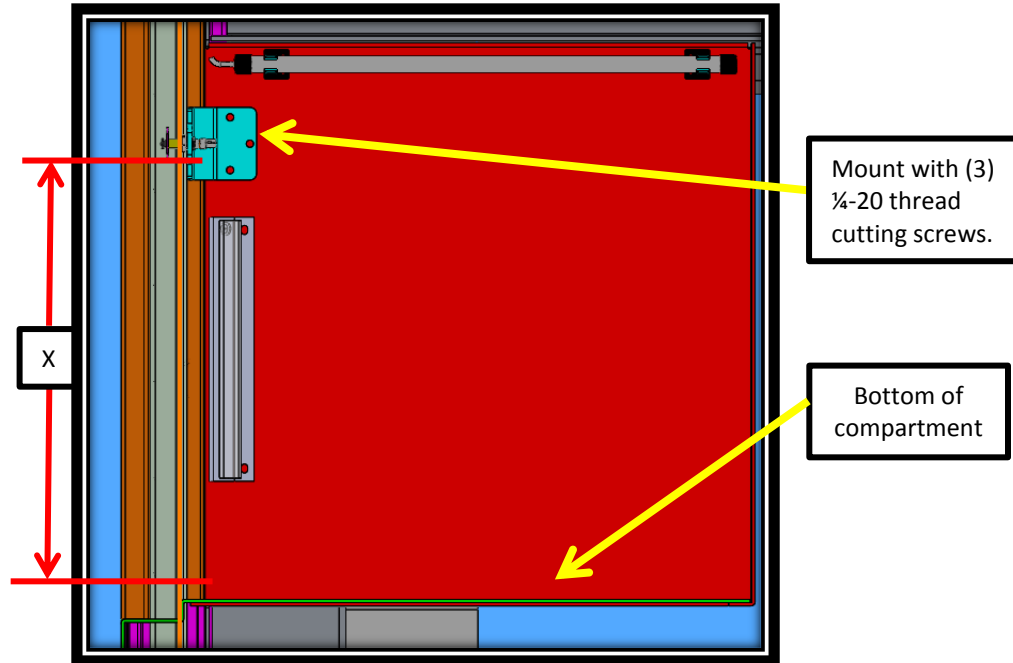


FIG. 5-1

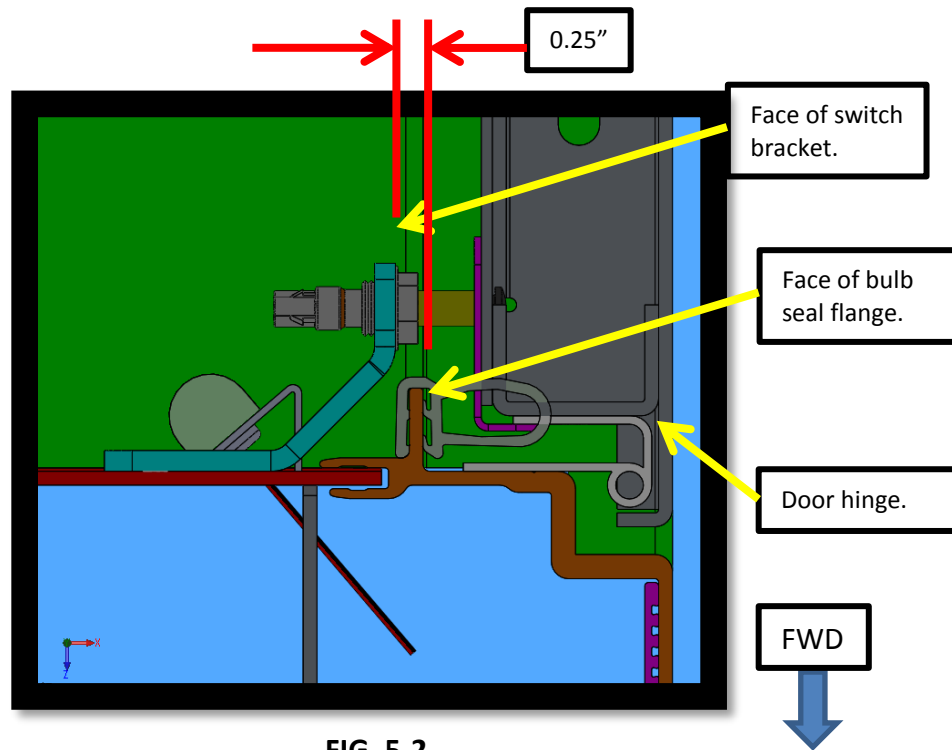


FIG. 5-2

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4. Install the door switch contact bracket on the interior surface of the compartment door using urethane adhesive Sika Tack Ultrafast US or equivalent. Clean and prime the surfaces per the adhesive manufacturers recommendations. This bracket should be centered vertically with the switch bracket at 0.75" from the bottom of the switch bracket. Refer to FIG. 6-1, 6-2.

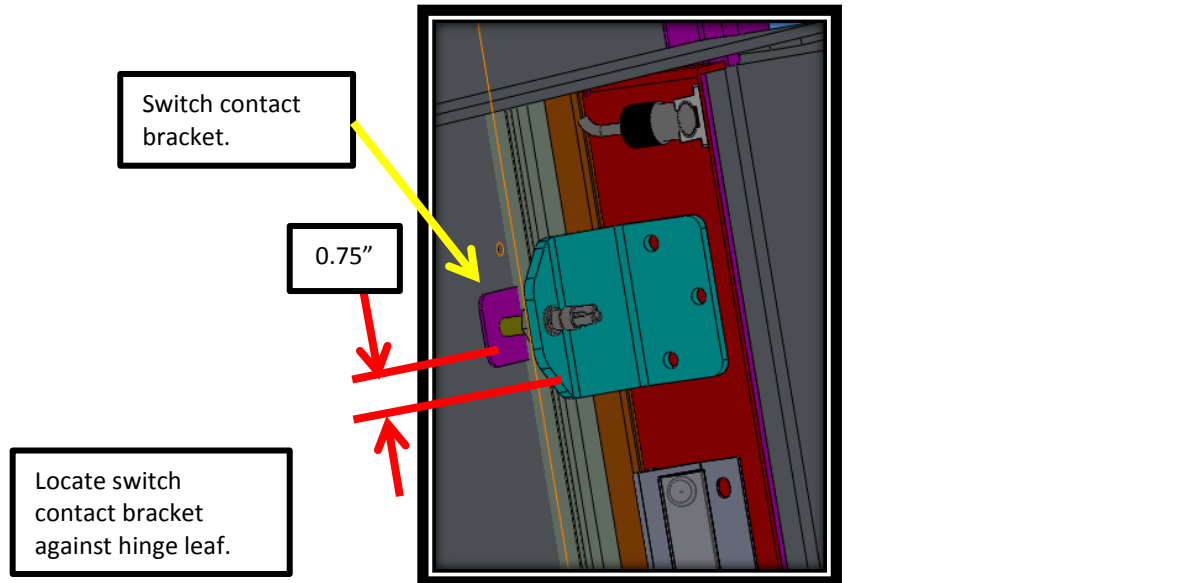


FIG. 6-1

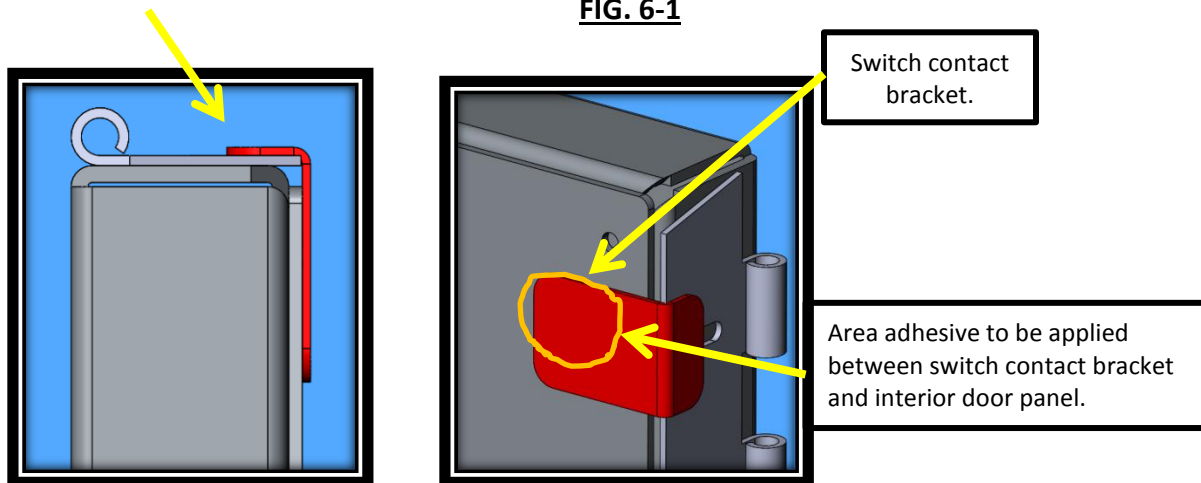


FIG. 6-2

5. Prior to installing the new switch in the switch bracket, drill and tap the switch mounting hole using a properly sized drill and tap for 1/2-20 NF thread (Pollak switch) or 3/8-24 NF thread (Cole Hersee switch).

6. Install the new switch (Pollak or Cole Hersee) in the new switch bracket.

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7. Re-route the existing door switch wires from the latch side to the hinge side of the door frame and re-connect the existing wires to the new door switch. The existing fast-on terminals can be removed and the wires can be spliced together with solder and heatshrink to reduce the wire bundle size if desired. Depending on the number of compartment lights, the installation can be further reduced by using a single piece of 1/2" loom to route both switch and light wiring together. Refer to FIG. 7-1 and FIG. 8-1.

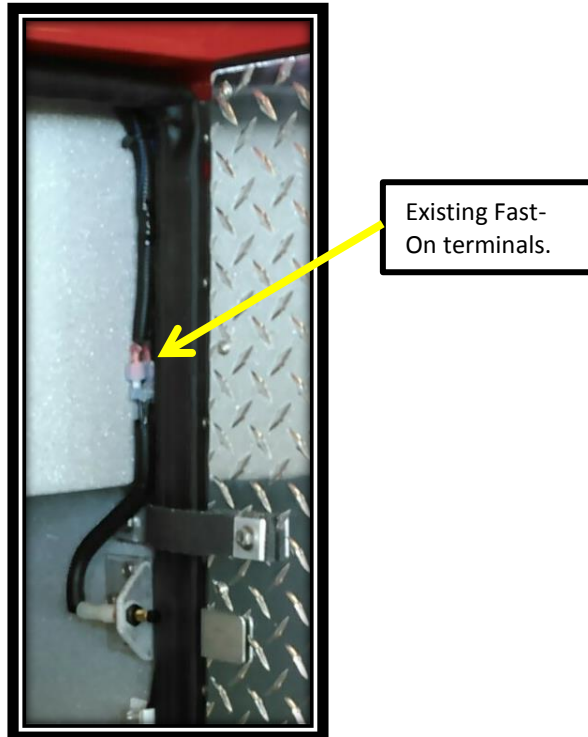


FIG. 7-1

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Existing Fast-On terminals removed and replaced with solder splices and glue-type heatshrink.

FIG. 8-1

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