


PREVOST

Instruction Sheet

IS-15075

ALUMINUM FENDER REPLACEMENT

APPLICATION

Model	VIN	
H3-41, H3-45 coaches Model Year : 2011 - 2018	From 2PCH33496 <u>BC711721</u> up to 2PCH33490 <u>JC710112</u> incl.	
H3-45 VIP motorhomes Model Year : 2011 - 2018	From 2PCVS3494 <u>BC711772</u> up to 2PCV3349X <u>JC710119</u> incl.	



CAUTION

For the rear fenders, one component has to be welded on the vehicle. Follow the multiplex modules disconnection procedure prior to welding. The procedure is described into the maintenance manual associated with the vehicle.



CAUTION

It is important to never make aluminum components in contact with stainless steel components. Contact between these two materials may result into galvanic corrosion. Kits include rubber strips to be installed between these materials.

Order the kit according to the fender position on the vehicle.

FENDER POSITION	KIT TO ORDER	MATERIAL AND PROCEDURE
FRONT DRIVER SIDE	IS15075_1	PAGE 2
FRONT CURB SIDE	IS15075_2	PAGE 14
REAR DRIVER SIDE	IS15075_3	PAGE 30
REAR CURB SIDE	IS15075_4	PAGE 42

PROCEDURE FOR FRONT DRIVER SIDE FENDER



DANGER

Park vehicle safely, apply parking brake, stop the engine. Prior to working on the vehicle, set the ignition switch to the OFF position and trip the main circuit breakers equipped with a trip button.

NOTE

Material can be obtained through regular channels.

MATERIAL

Order kit #IS15075_1 for the front driver side fender that contains the following parts:

Part No.	Description	Qty
478900	GROMMET	2
479658	FRONT DRIVER SIDE FENDER	1
470880	TOP LOCKING SUPPORT	4
504793	RIVET MONOBOLT SS 3/16X7/16	9
504529	GROMMET .375X.062X.281X.625	1
280421	SHORT RUBBER STRIP	1
280419	LONG RUBBER STRIP	1
478432	ADJUSTMENT WASHER	3
5001852	NUT HEX M8 SS	3
5001868	WASHER BELLEVILLE M8	3
5001467	FLAT WASHER M8	3
502774	RUBBER NUT 10-32 (WELL)	4
IS-15075	INSTRUCTION SHEET	1
FI-15075	FEUILLE D'INSTRUCTION	1

INSTALLATION OF THE FRONT DRIVER SIDE FENDER

1. Dismount directional signal light (top light).
2. Keep the light and screws (2) in a safe place.

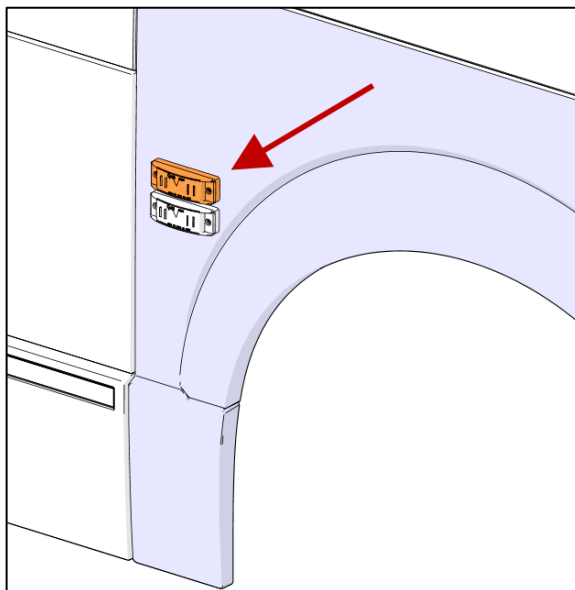


FIGURE 1

3. With a black permanent marker, mark a "T" on the light connector (Top).

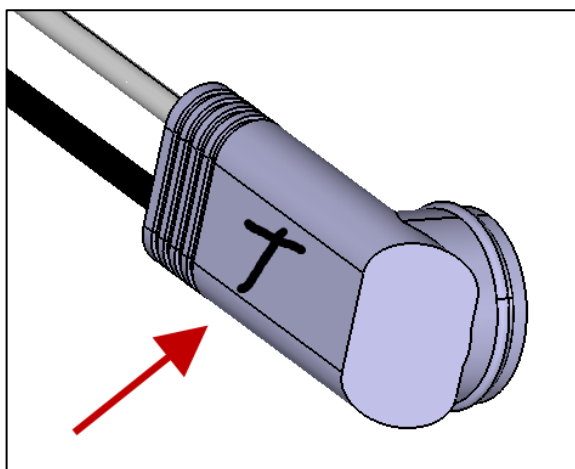


FIGURE 2

4. Dismount marker light (bottom light).
5. Keep the light and screws (2) in a safe place.

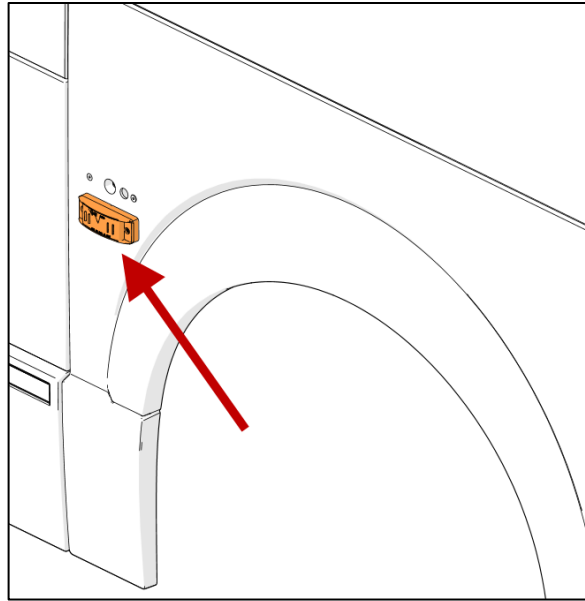


FIGURE 3

6. With a black permanent marker, mark a "B" on the light connector (Bottom).

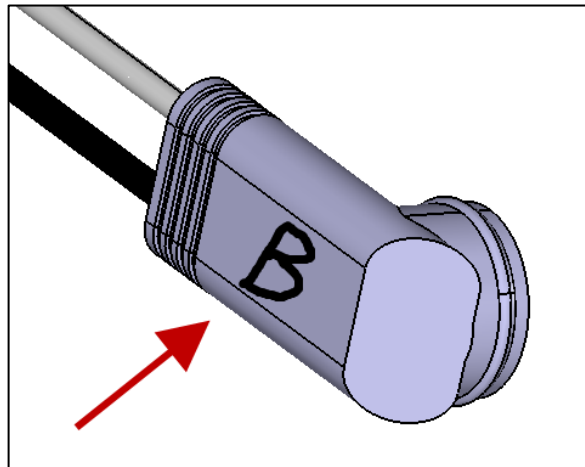


FIGURE 4

7. Locate the adjustment washers (3) behind the fender. Remove the mounting nuts, the Belleville washers and flat washers.
8. Discard the fastener.

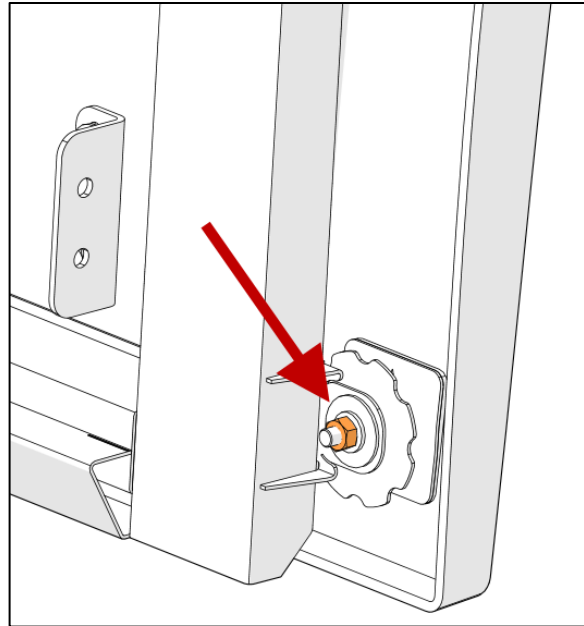


FIGURE 5

9. On the upper left corner of the fender, remove the rivet with a drill bit #11.

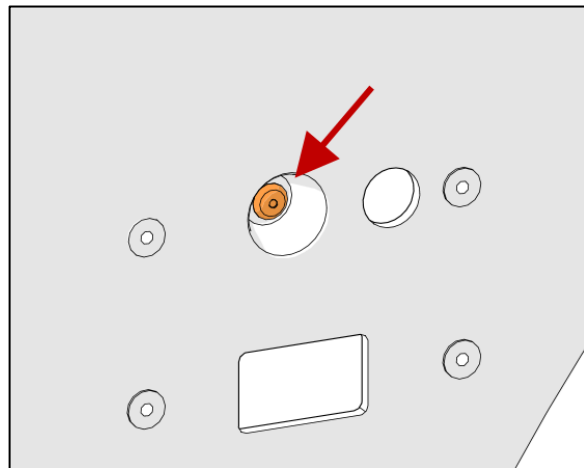


FIGURE 6

10. Move the light connectors behind the fender.
11. Slide down the fender and discard it.

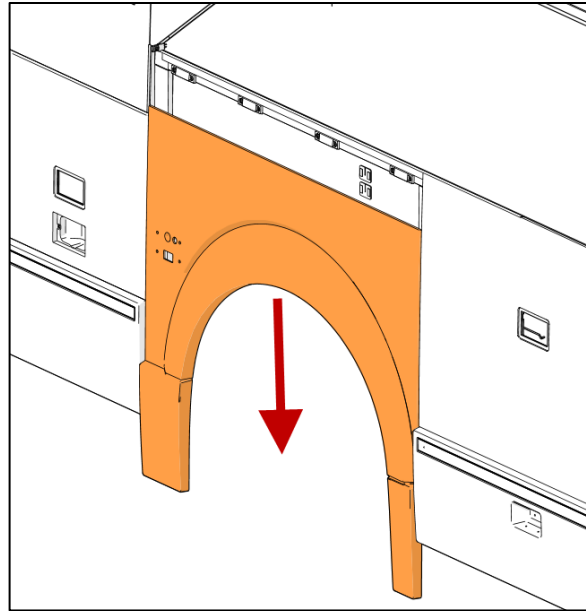


FIGURE 7

12. With a drill bit #11, remove rivets on all existing guide supports (4).
13. Discard all guide supports.
14. Repair the existing structure if necessary.
15. Clean the mounting surface and install new guide supports PN #470880 (4) with new Pop rivet PN #504793.

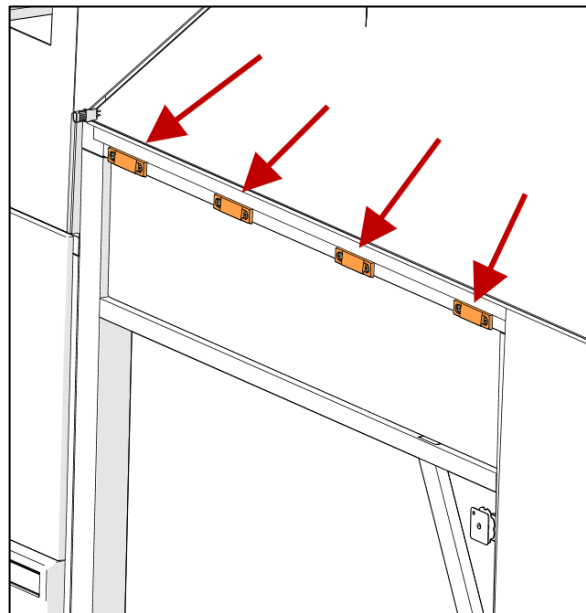


FIGURE 8

16. Clean the surface of the vertical structural poles adjacent to the front service compartment door.

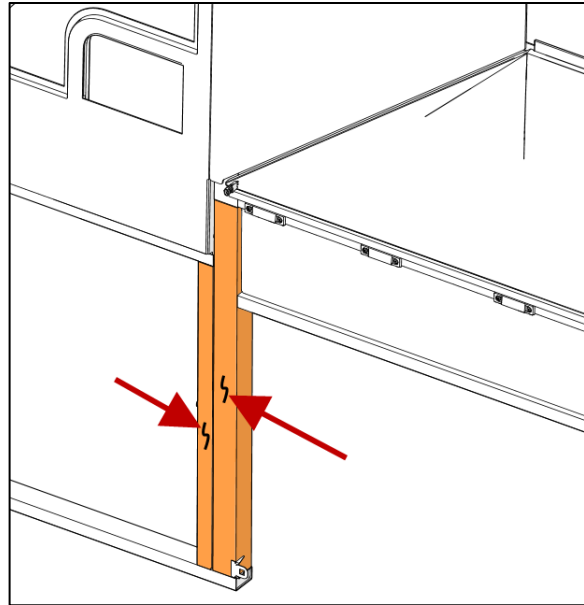


FIGURE 9

17. Clean the surface of the vertical structural pole adjacent to the first baggage compartment door.

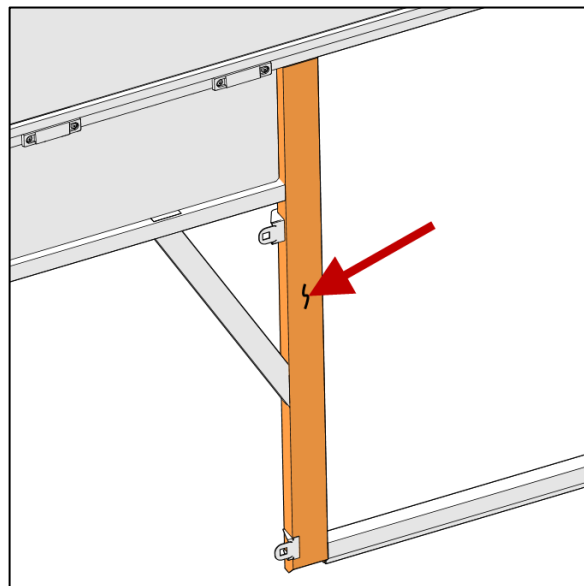


FIGURE 10

18. Install new fender adjustment washer (3).
19. Screw it until it blocks.

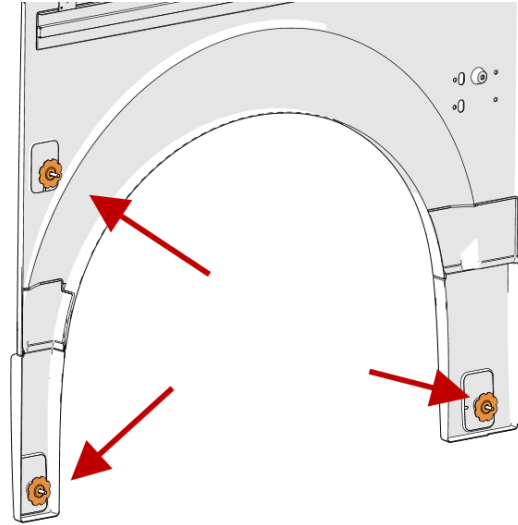


FIGURE 11

20. Install four new rubber nuts (item A, Figure 12).
21. Install new grommet PN 504529 (item B, Figure 12).
22. Run both light connectors through the fender. Connector marked with a "T" runs through the top hole and connector marked with a "B" runs through the bottom hole.

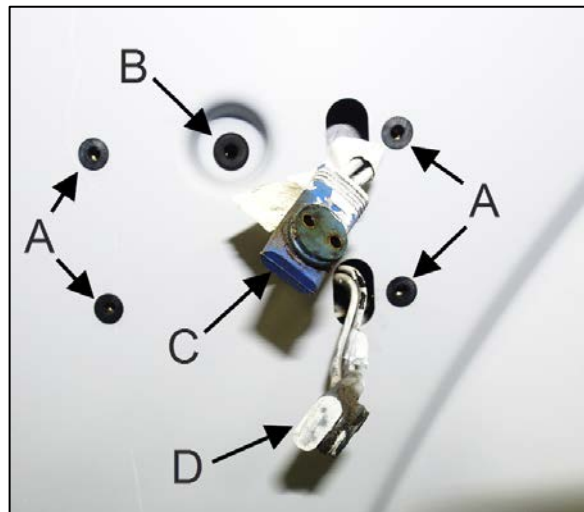


FIGURE 12

23. Install the new fender on the vehicle. Slide up and make sure all four guides are inserted into the top guide supports.

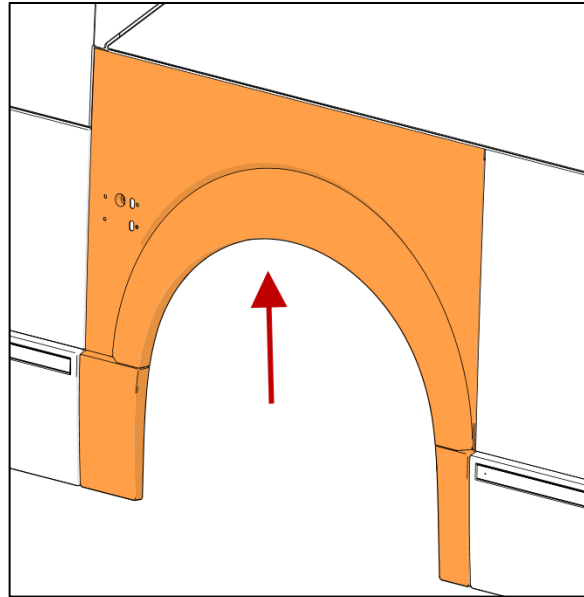


FIGURE 13

24. Install the new flat washers, new Belleville washers and new nuts with the adjustment washers (3 locations). Do not tighten.

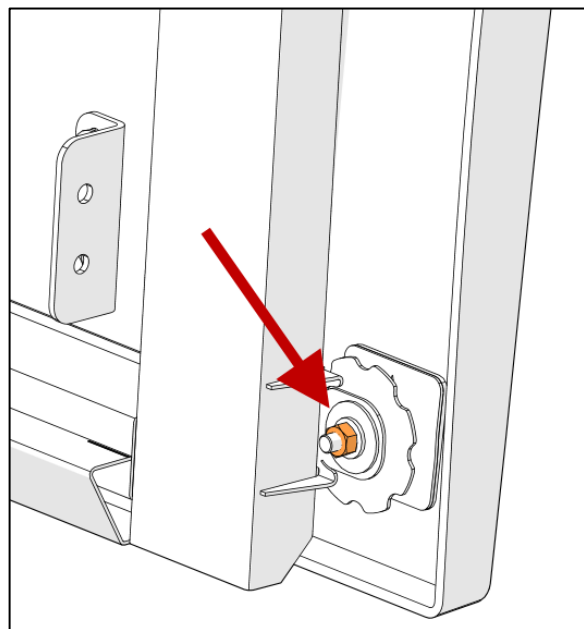


FIGURE 14

25. Insert a Philip screwdriver to position the fender with the structure hole. Keep it in place.

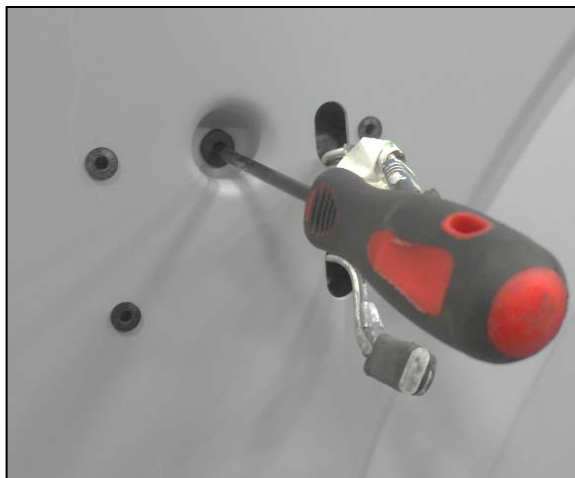


FIGURE 15

26. Install rubber strip PN 280421 on the pole adjacent to the front service compartment.
27. Position vertically the strip with its lower face flush with the lower face of the horizontal bottom tubing.
28. For the longitudinal position, mate the middle lip of the strip with the side face of the fender (see Figure 17 that shows the bottom view).

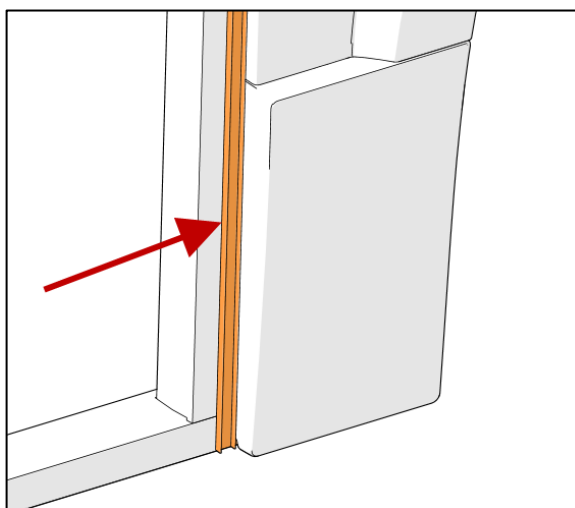


FIGURE 16

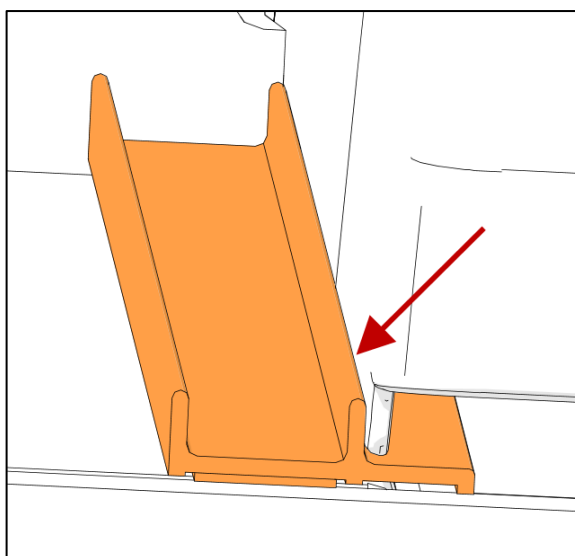


FIGURE 17

29. Install rubber strip PN 280419 on the pole adjacent to the first baggage compartment.
30. Position vertically the strip with its lower face flush with the lower edge of the vertical tubing.
31. For the longitudinal position, mate the middle lip of the strip with the side face of the fender (see Figure 19 that shows the bottom view).

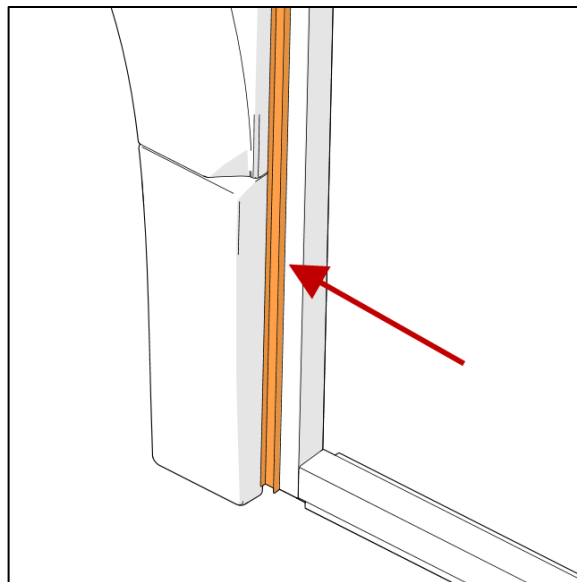


FIGURE 18

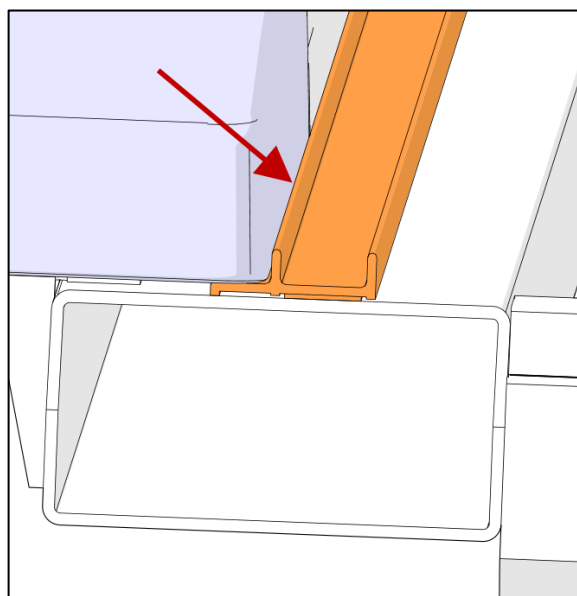


FIGURE 19

32. Use adjustment washers (3) to make the fender surface as much as possible flush with the front service compartment door surface and the baggage compartment door surface.
33. Tighten the nuts (3).

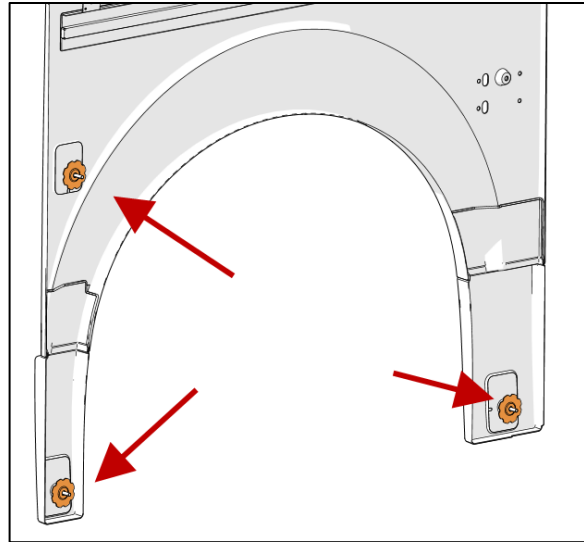


FIGURE 20

34. Install rivet PN 504793 (item A, Figure 21).
35. Split grommets PN 478900 (2) with scissors and install it on the fender as shown in Figure 21 (items B).

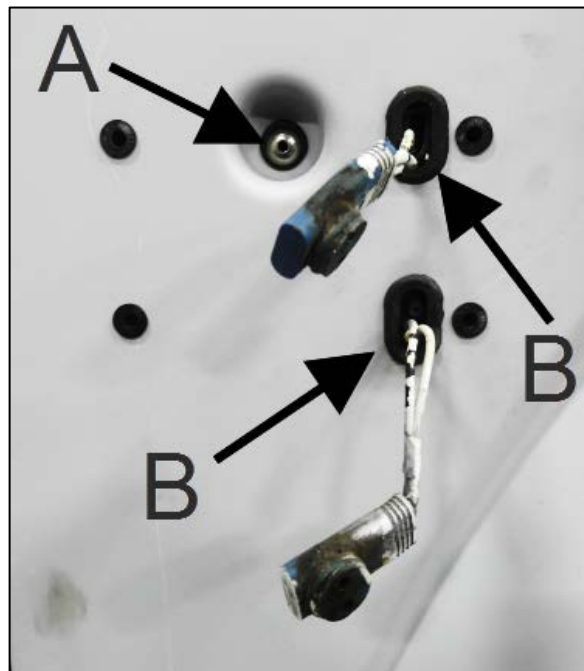


FIGURE 21

36. Reinstall directional signal light and marker light.
37. Bulletin is complete for the front driver side fender.

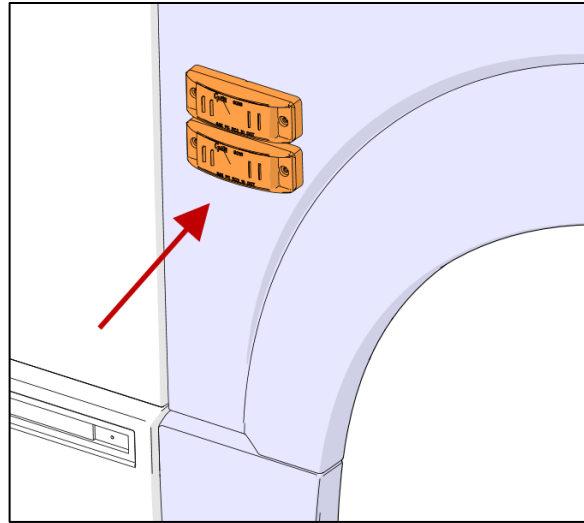


FIGURE 22

PROCEDURE FOR FRONT CURB SIDE FENDER**DANGER**

Park vehicle safely, apply parking brake, stop the engine. Prior to working on the vehicle, set the ignition switch to the OFF position and trip the main circuit breakers equipped with a trip button.

NOTE

Material can be obtained through regular channels.

MATERIAL

Order kit #IS15075_2 for the front curb side fender that contains the following parts:

Part No.	Description	Qty
479423	RUBBER LIP 315 MM	1
470175	RUBBER LIP SUPPORT	1
504793	RIVET MONOBOLT SS 3/16X7/16	11
280419	LONG RUBBER STRIP	1
506236	RUBBER STRIP AD1 PE N/A BK 1/16X1/2X100	1
5001040	SCREW TC PAN PH SS 6-32X3/4	5
479659	FRONT CURB SIDE FENDER	1
470880	TOP LOCKING SUPPORT	4
280446	FINISHING MOULDING	1
478900	GROMMET	2
5000342	SCREW TC PAN PH SS410 6-32X3/8	2
479710	ENTRANCE DOOR OPENING SWITCH SUPPORT	1
478432	ADJUSTMENT WASHER	3
5001852	NUT HEX M8 SS	3
5001868	WASHER BELLEVILLE M8	3
5001467	FLAT WASHER M8	3
563047	ENTRANCE DOOR OPENING SWITCH	1
491072	LOGO H3-45	1
287681	AUTOMATIC ENTRANCE DOOR DECAL	1
138588	KNEELING DECAL	1
502774	RUBBER NUT 10-32 (WELL)	4
IS-15075	INSTRUCTION SHEET	1
FI-15075	FEUILLE D'INSTRUCTION	1

INSTALLATION OF THE FRONT CURB SIDE FENDER

38. Dismount directional signal light (top light).
39. Keep the light and screws (2) in a safe place.

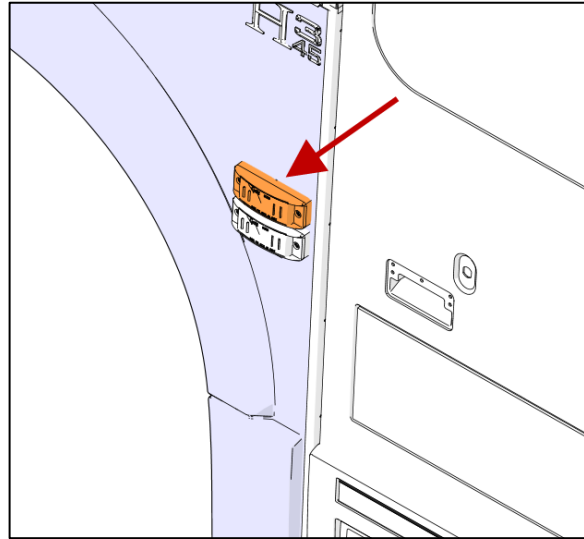


FIGURE 23

40. With a black permanent marker, mark a "T" on the light connector (Top).

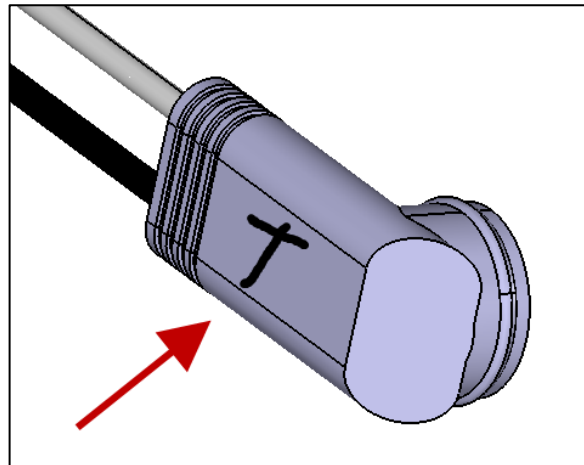


FIGURE 24

41. Dismount marker light (bottom light).
42. Keep the light and screws (2) in a safe place.

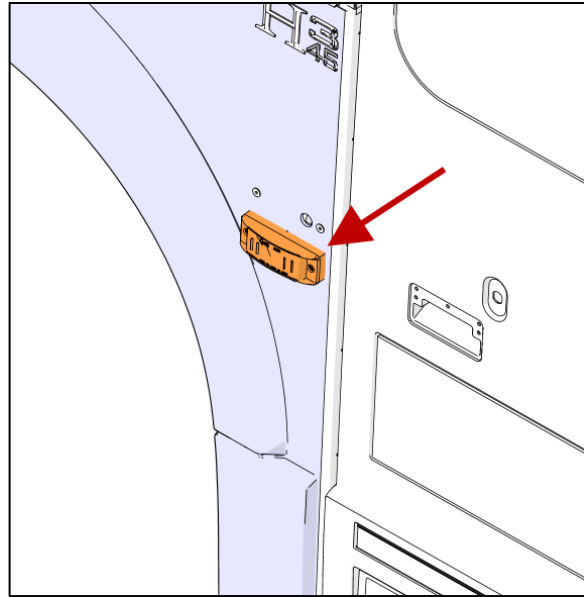


FIGURE 25

43. With a black permanent marker, mark a "B" on the light connector (Bottom).

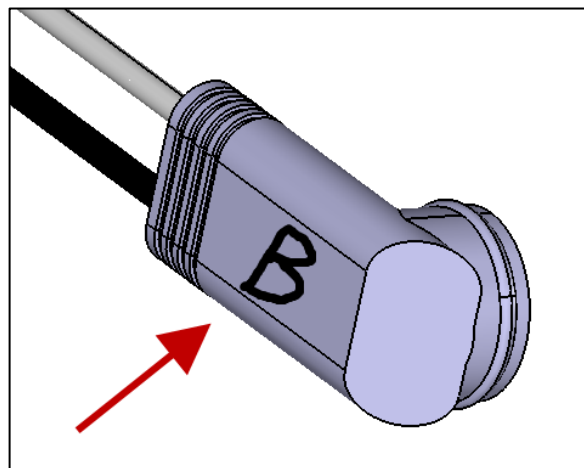


FIGURE 26

44. Locate the adjustment washers (3) behind the fender. Remove the mounting nuts, the Belleville washers and flat washers.
45. Discard the fastener.

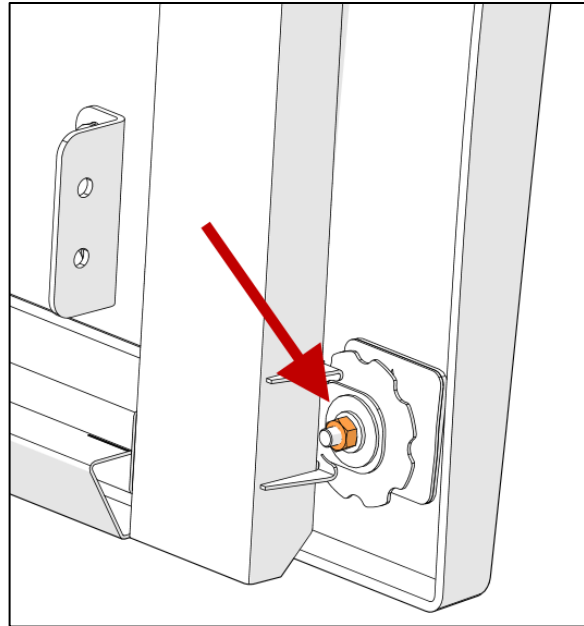


FIGURE 27

46. Dismount the finishing moulding between the existing fender and the entrance door (7 screws).
47. Discard the moulding and the screws.

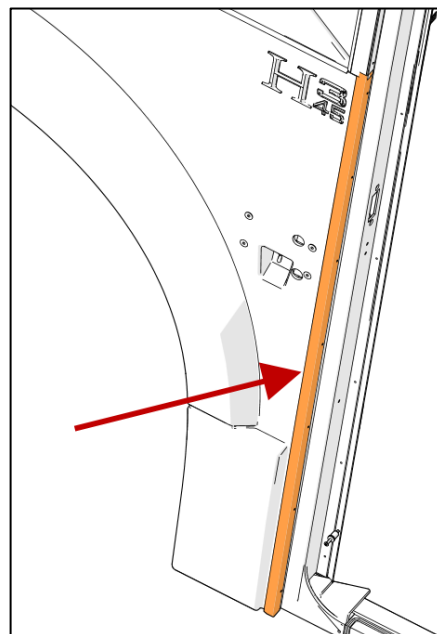


FIGURE 28

48. Move the light connectors behind the fender.
49. Slide down the fender couple of inches to allow disconnection of the entrance door opening switch connector.
50. Disconnect the entrance door opening switch connector.
51. Discard the fender with the switch.

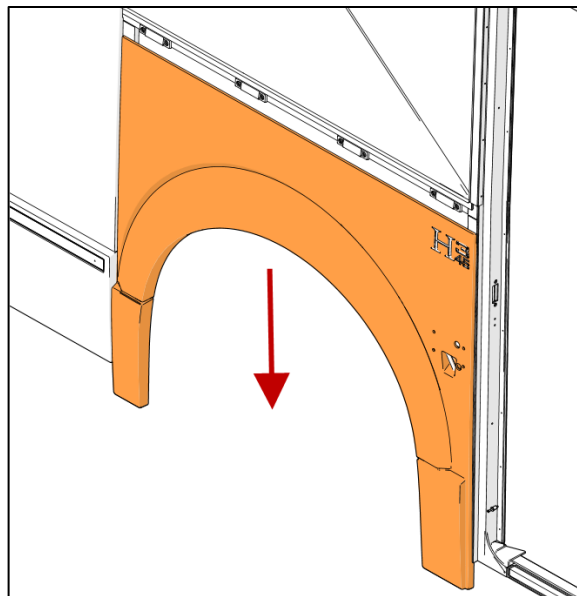


FIGURE 29

52. Remove existing fender rubber bumper and discard.

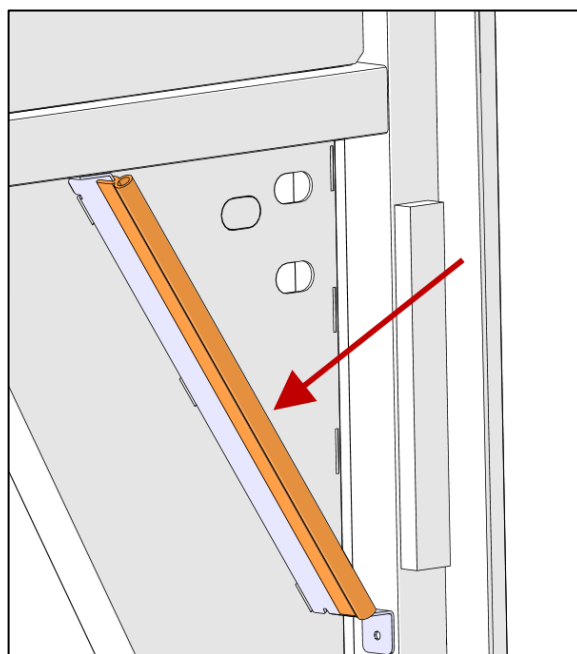


FIGURE 30

53. Clean the rubber bumper support mounting faces.

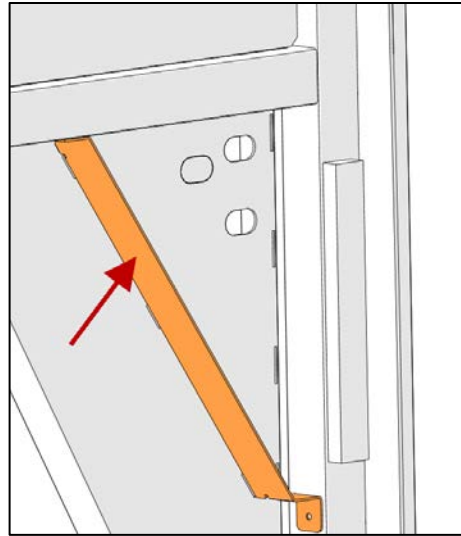


FIGURE 31

- 54. With a drill bit #11, remove rivets on all existing guide supports (4).
- 55. Discard all guide supports.
- 56. Repair the existing structure if necessary.
- 57. Clean the mounting surface and install new guide supports PN #470880 (4) with new Pop rivet PN #504793.

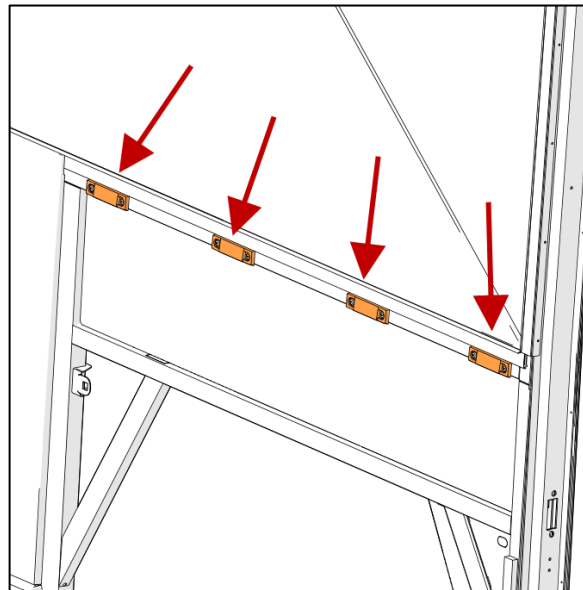


FIGURE 32

58. Cut a chamfer $\frac{1}{4}$ " x 45° at the bottom of the existing vertical tubing adjacent to the entrance door.

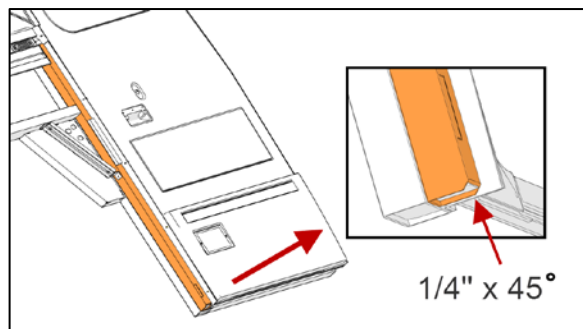


FIGURE 33

59. Clean the surface of the vertical structural pole adjacent to the first baggage compartment door

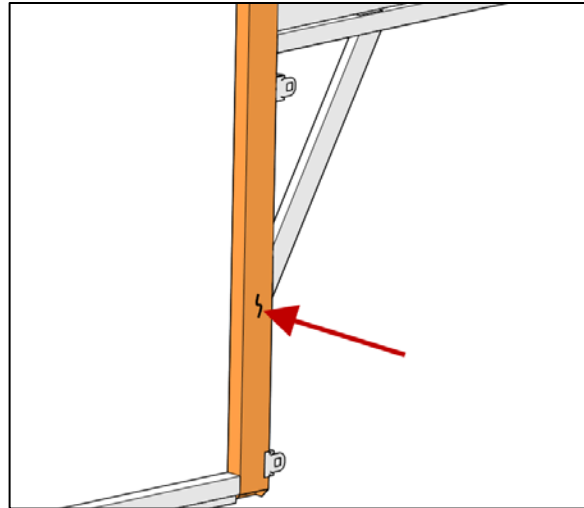


FIGURE 34

60. Install new fender adjustment washer (3).

61. Screw it until it blocks.

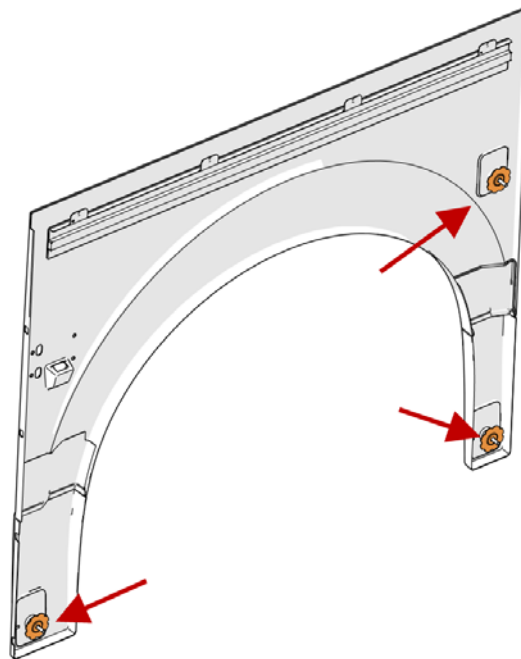


FIGURE 35

62. Install the new entrance door opening switch on the new switch holder PN 479710.

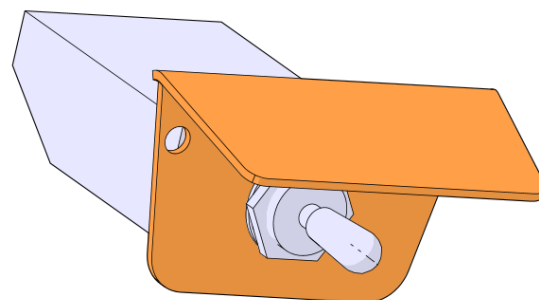


FIGURE 36

63. Install the switch and the holder on the new fender with 2 new screws.

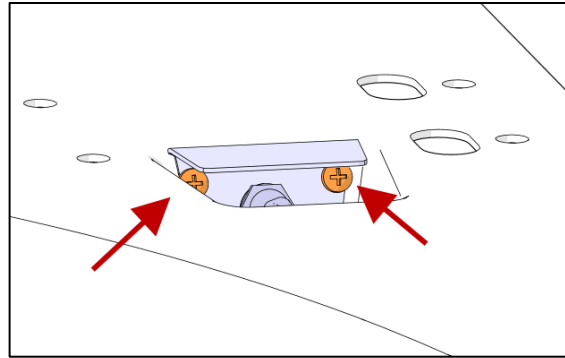


FIGURE 37

64. Prepare the installation of the rubber bumper special support PN 470175.

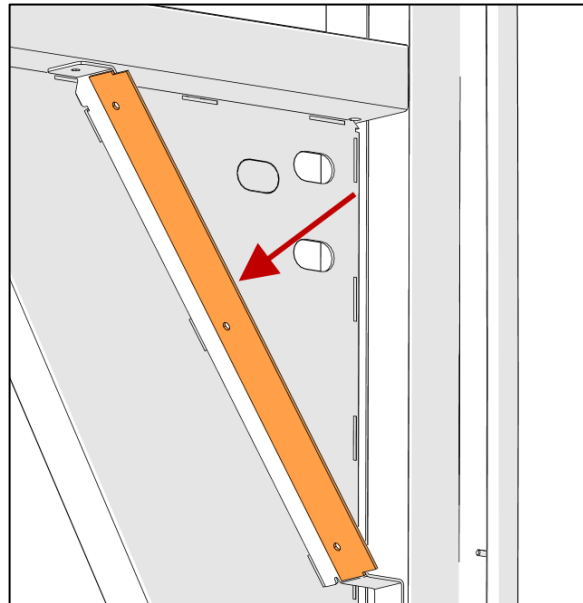


FIGURE 38

65. Position the special support as shown in Figure 39.

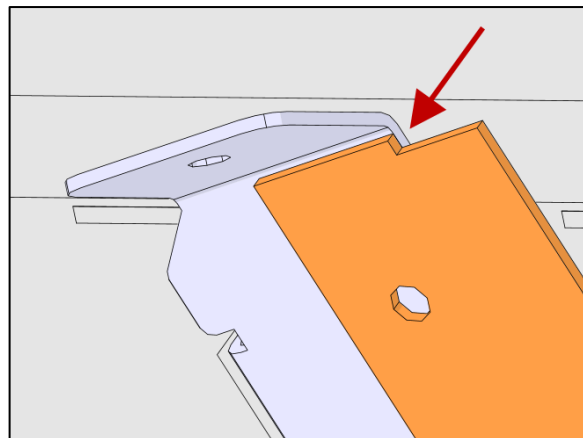


FIGURE 39

66. Use 2 vice grips to hold the special support in place.
67. Drill 3 holes 5mm diameter. Use the special support as a template.



FIGURE 40

68. Fix the special support with 3 rivet PN504793.

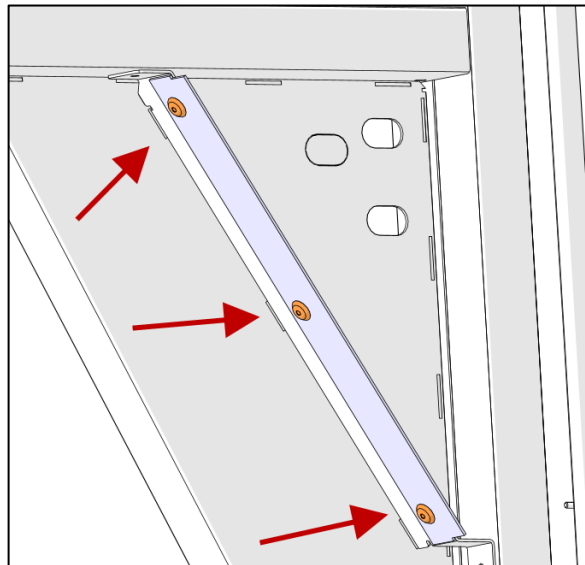


FIGURE 41

69. Install the new rubber bumper PN 479423 on the special support.

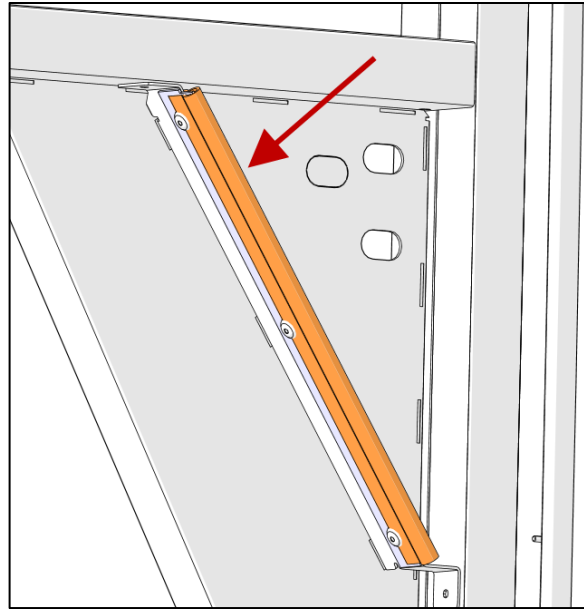


FIGURE 42

70. Install rubber strip PN 506236 on the vertical pole between the entrance door and the fender to prevent contact between aluminum fender and stainless steel structure.

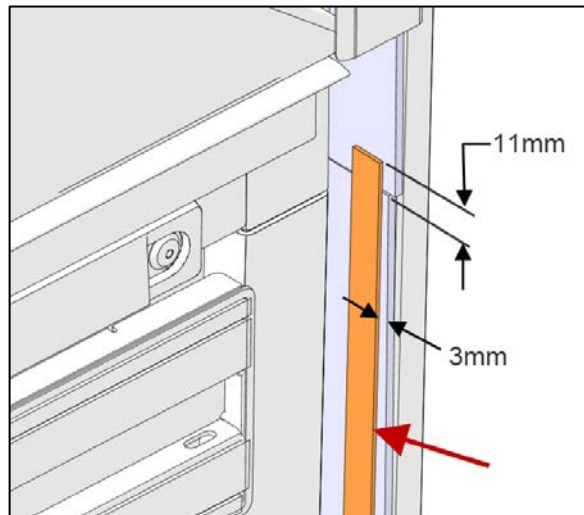


FIGURE 43

71. Cut the strip to fit at the bottom of the pole.

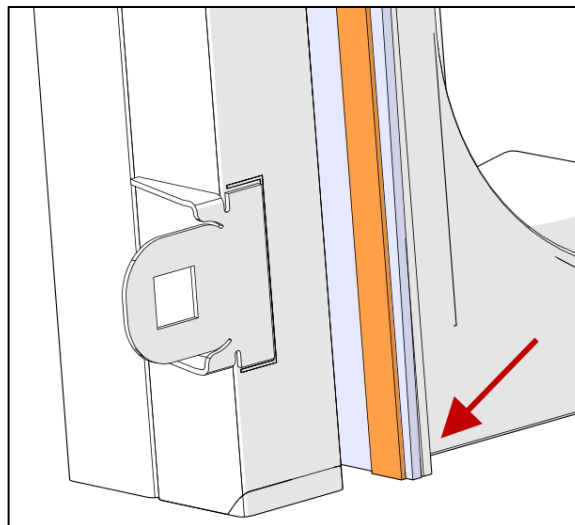


FIGURE 44

72. Install new rubber nuts PN 502774.

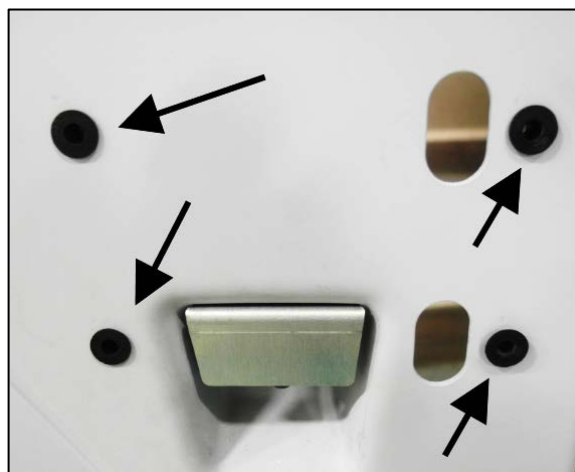


FIGURE 45

73. Run both light connectors through the fender. Connector marked with a "T" runs through the top hole and connector marked with a "B" runs through the bottom hole (see step 40 and step 43 for these marks).

74. Connect entrance door opening switch connector.



FIGURE 46

75. Install the new fender on the vehicle. Slide up and make sure all four guides are inserted into the guide supports.

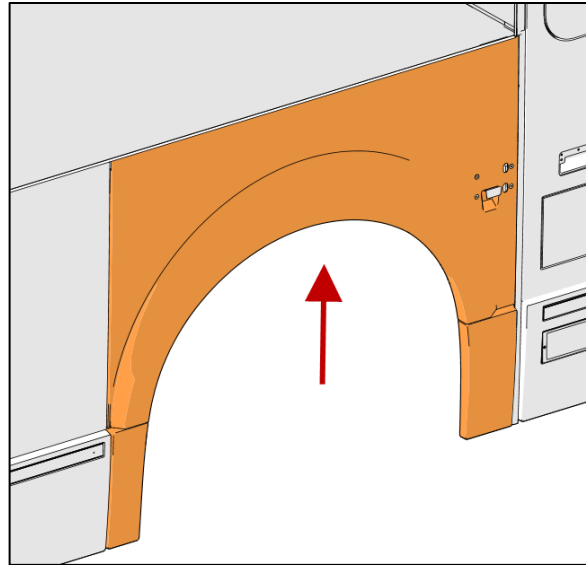


FIGURE 47

76. Install the new flat washers, new Belleville washers and new nuts with the adjustment washers (3 locations). Do not tighten.

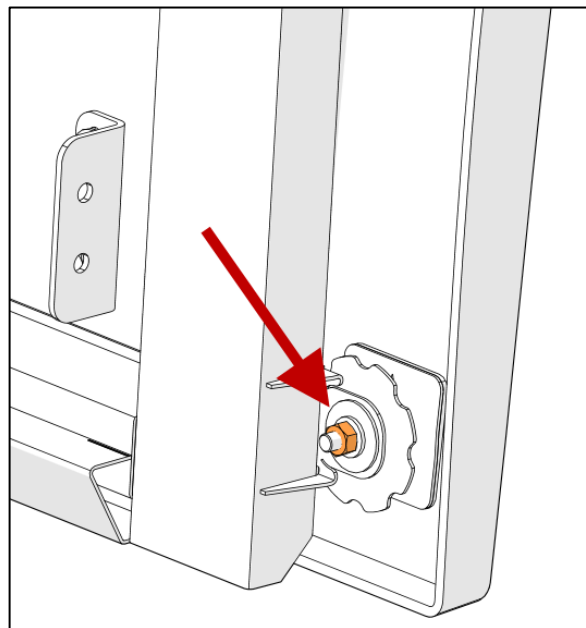


FIGURE 48

77. Install rubber strip PN 280419 on the pole adjacent to the first baggage compartment.
78. Position vertically the strip with its lower face flush with the lower edge of the vertical tubing.
79. For the longitudinal position, mate the middle lip of the strip with the side face of the fender (see Figure 50 that shows the bottom view).

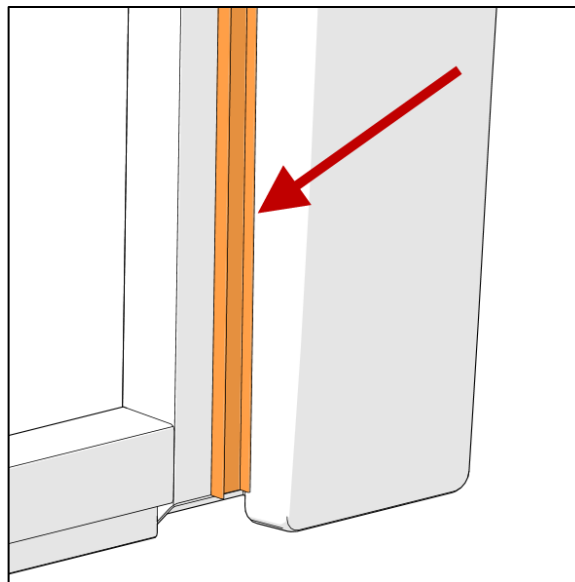


FIGURE 49

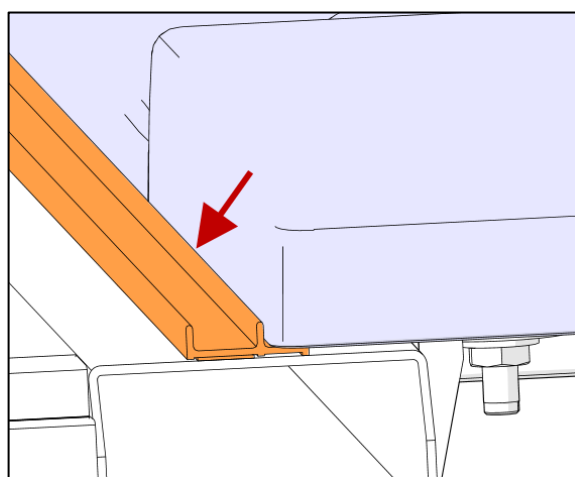


FIGURE 50

80. Use adjustment washers (3) to make the fender surface as much as possible flush with the entrance door surface and the baggage compartment door surface.
81. Tighten the nuts (3).

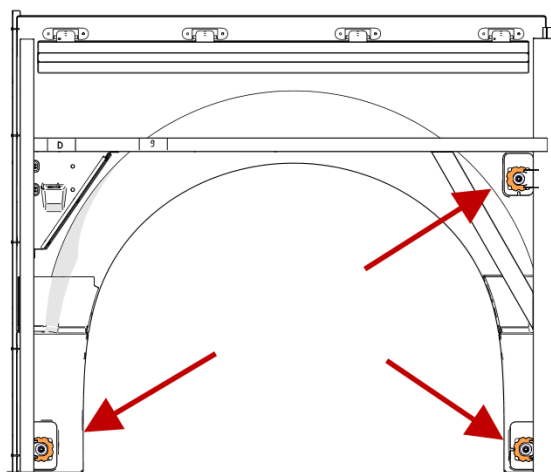


FIGURE 51

82. Split a grommet PN 478900 (2) with scissors and install it on the fender as shown and for both light wiring.



FIGURE 52

83. Install finishing moulding on the pole between the entrance door and the new fender. Install one screw at the top hole, one screw in the middle hole and one screw at the bottom hole.

NOTE

The other holes (2) have to be drilled into the structure first because the configuration of the holes is not the same as the old finishing moulding.

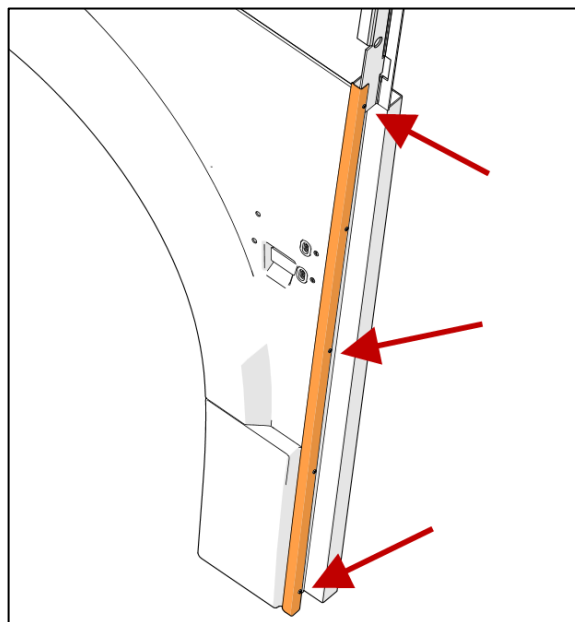


FIGURE 53

84. Drill 2 holes 1/8" diameter through the existing structure.
85. Tap both holes #6-32.
86. Install screws (2).

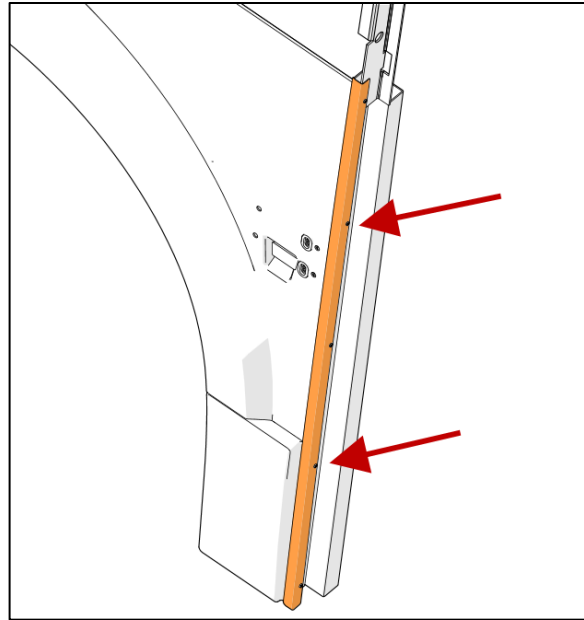


FIGURE 54

87. Reinstall directional signal light and marker light.

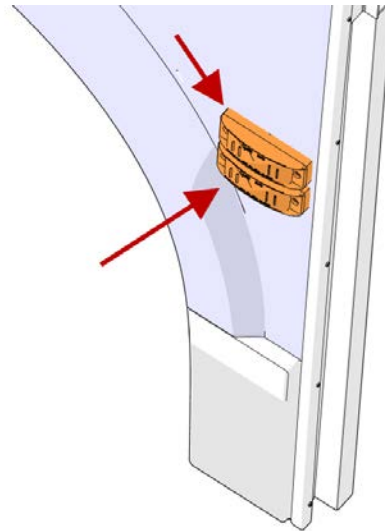


FIGURE 55

- 88. Kit includes the model logo and two decals. Install these components above the lights and after the painting is done.
- 89. Bulletin is complete for the front curb side fender.



FIGURE 56

PROCEDURE FOR REAR DRIVER SIDE FENDER



DANGER

Park vehicle safely, apply parking brake, stop the engine. Prior to working on the vehicle, set the ignition switch to the OFF position and trip the main circuit breakers equipped with a trip button.

NOTE

Material can be obtained through regular channels.

MATERIAL

Order kit #IS15075_3 for the rear driver side fender that contains the following parts:

Part No.	Description	Qty
504793	RIVET MONOBOLT SS 3/16X7/16	10
479656	REAR DRIVER SIDE FENDER	1
470880	TOP LOCKING SUPPORT	5
289558	RUBBER STRIP	2
504454	RUBBER BOLT M6-1 18MMX19MMX19MM	1
5001009	NUT AN NYL #12	1
220130	BUMPER SUPPORT ASSEMBLY	1
IS-15075	INSTRUCTION SHEET	1
FI-15075	FEUILLE D'INSTRUCTION	1

INSTALLATION OF THE REAR DRIVER SIDE FENDER



CAUTION

One component has to be welded on the vehicle. Follow the multiplex modules disconnection procedure prior to welding. The procedure is described into the maintenance manual associated with your vehicle.

90. Unlock the fender by moving the locking spring leg behind the fender.

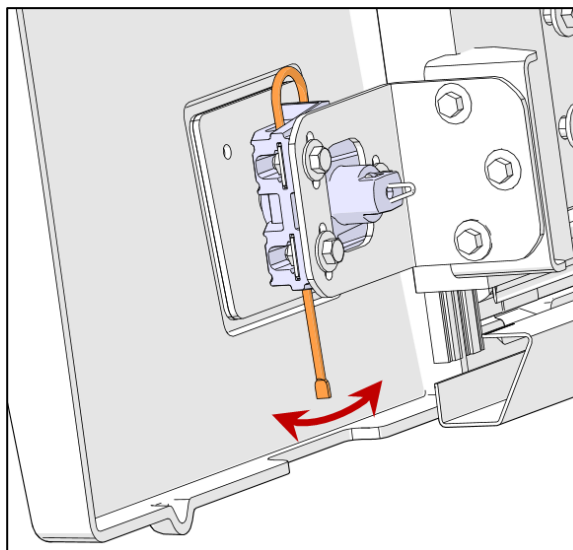


FIGURE 57

91. Repeat the previous step for all locking devices (3).

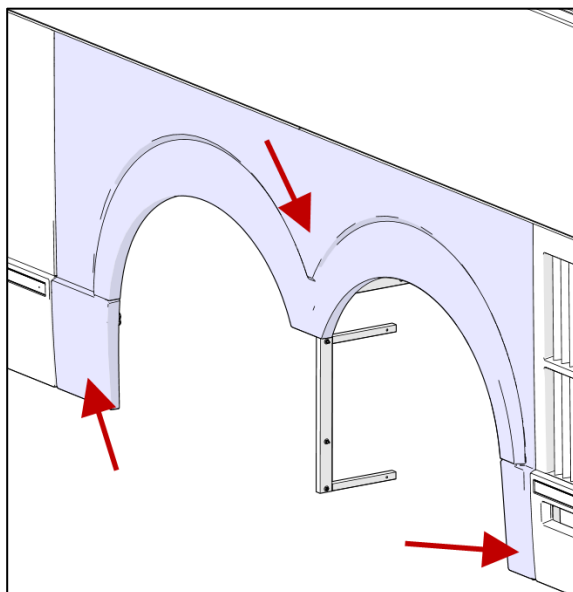


FIGURE 58

92. Move down the fender and discard it.
93. Repair existing components if necessary.

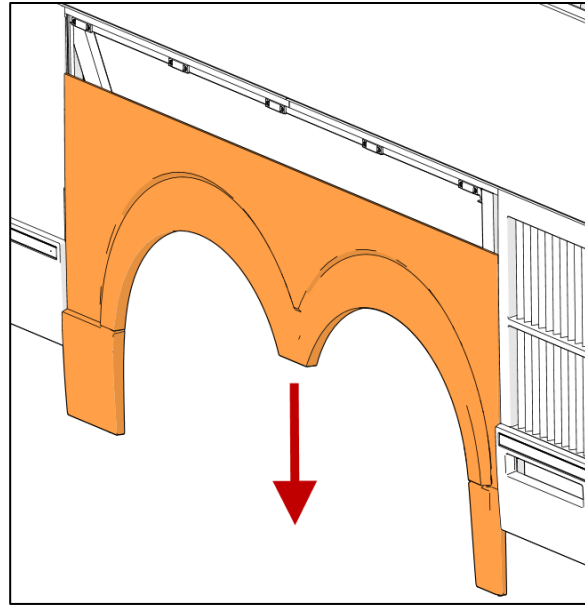


FIGURE 59

94. With a drill bit #11, remove rivets on all existing guide supports (5).
95. Discard all supports.
96. Repair the existing structure if necessary.
97. Clean the mounting surface and install new guide supports PN #470880 (5) with new Pop rivet PN #504793.

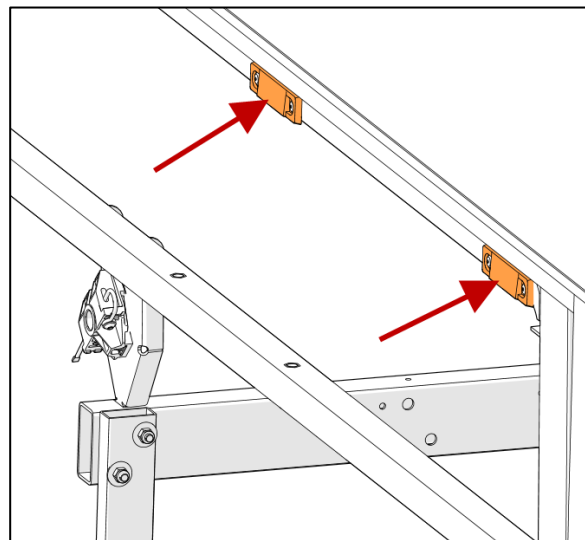


FIGURE 60

98. Clean all fender locks (3) with air pressure jet or water jet. Make sure the spring is working well and replace it if necessary.

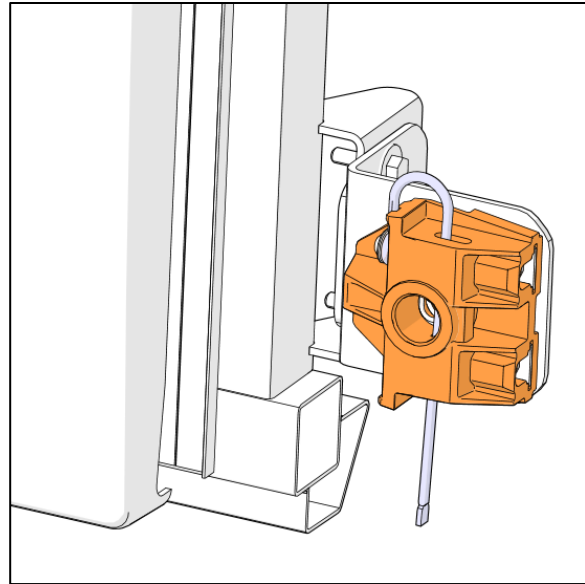


FIGURE 61

99. Remove the whole existing rubber strip on the pole between the fender and the baggage compartment.

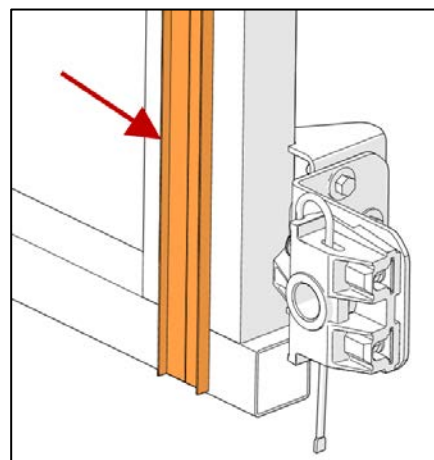


FIGURE 62

100. Clean the surface with a scraper and with antisilicone product.

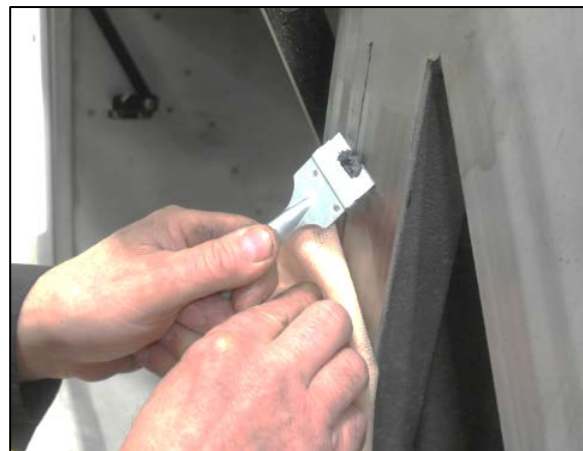


FIGURE 63

101. Clean the inside walls of the longitudinal tubing at the bottom of the baggage compartment.
102. Insert fender bumper support assembly PN 220130 into this longitudinal tubing as shown in Figure 64.

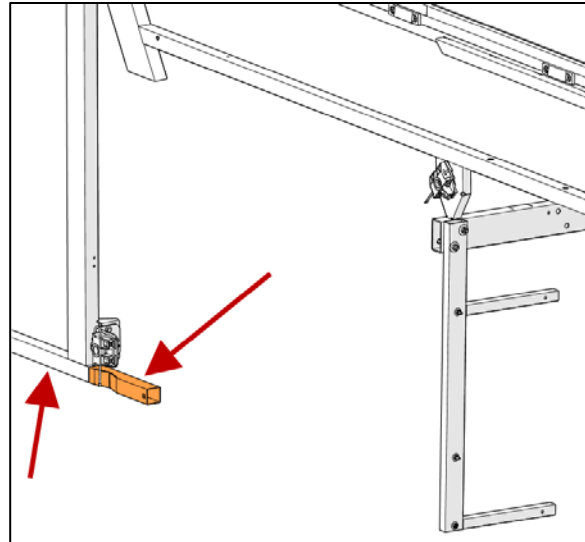


FIGURE 64

103. Keep a gap of 2 mm between the existing tubing and the new support as shown in Figure 65.

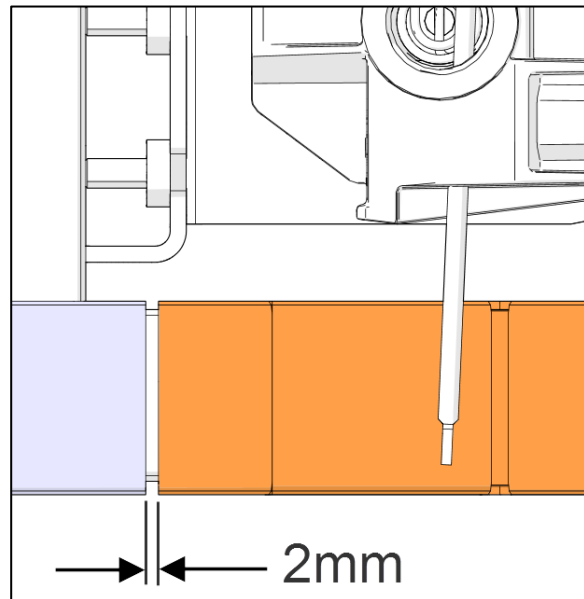


FIGURE 65

104. Use a flat bar to horizontally align the bumper support.




FIGURE 66

105. Use a flat bar to laterally align the bumper support.



FIGURE 67

106. Weld the bumper support with the specification shown in Figure 68.

	CAUTION
<p>Follow the multiplex modules disconnection procedure prior to welding. The procedure is described into the maintenance manual associated with your vehicle.</p>	

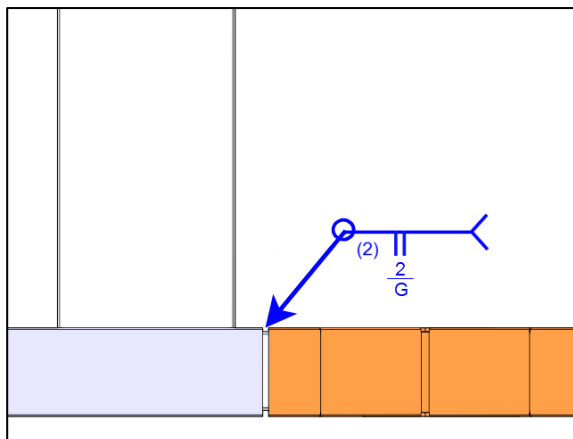


FIGURE 68

107. Grind the welding to make it flush with the adjacent surfaces.



FIGURE 69

108. Insert nylon nut PN 5001009 into the bumper support square hole.
109. Install the bumper and screw it fully.

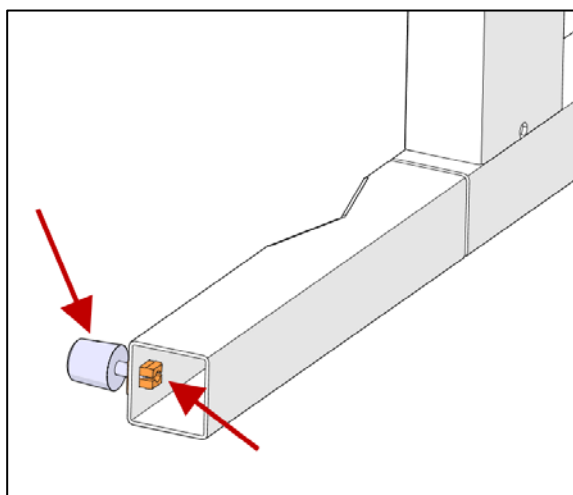


FIGURE 70

110. Loosen the screws (5) of both door lock support at the bottom. Keep the supports in place with the screws.

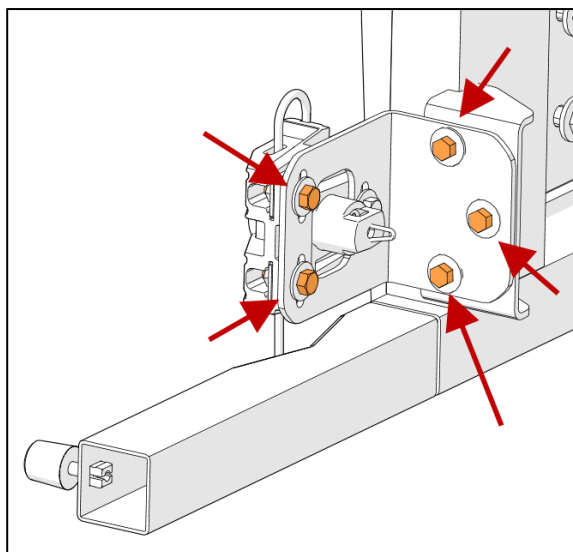


FIGURE 71

111. Loosen the screws (3) of door lock support at the middle top. Keep the support in place with the screws.

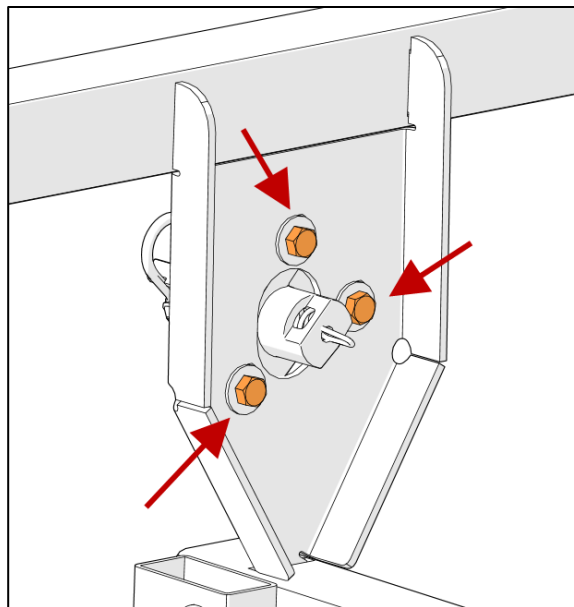


FIGURE 72

112. Install the new fender on the vehicle. Slide up and make sure all five guides are inserted into the guide supports.
113. Push the fender panel on the middle top and make sure the fender locking pin is locked.
114. Repeat previous step at the left bottom and at the right bottom of the fender.

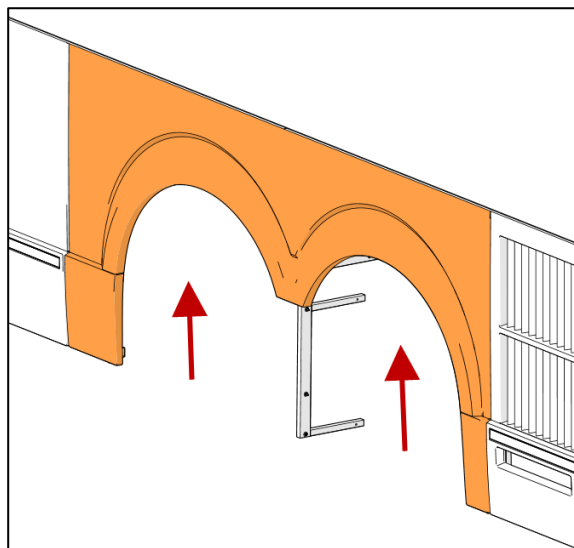


FIGURE 73

115. Fender lock in the middle top allows vertical adjustment only. Adjust the height of the fender in the middle and then tighten the screws that support the lock.

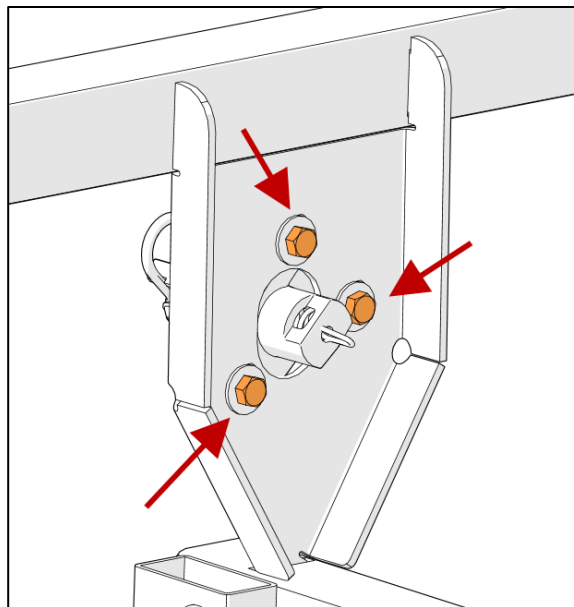


FIGURE 74

116. Fender locks in the bottom allow vertical and transversal adjustments. Make sure the exterior surface of the fender is flush with the baggage door exterior surface. Fasten the screws (3) that fix the lock support to the structure.

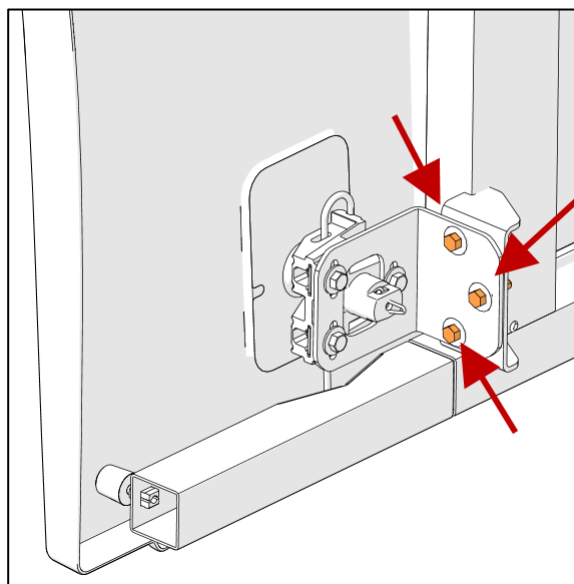


FIGURE 75

117. Adjust the bottom fender bumper and fasten the jam nut.

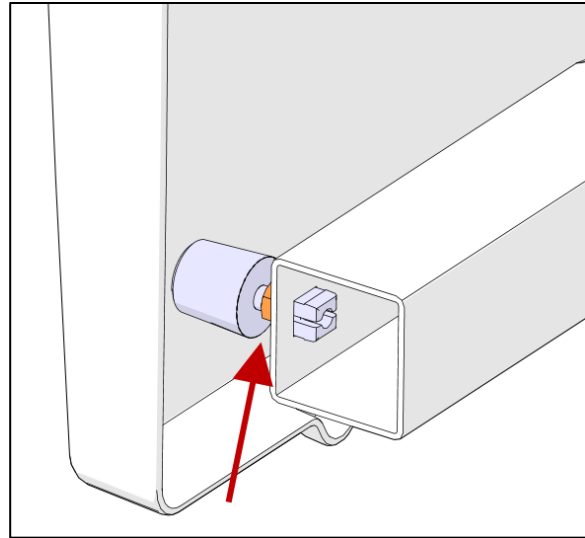


FIGURE 76

118. Make sure the exterior surface of the fender is flush with the radiator door exterior surface. Fasten the screws (3) that fix the lock support to the structure.

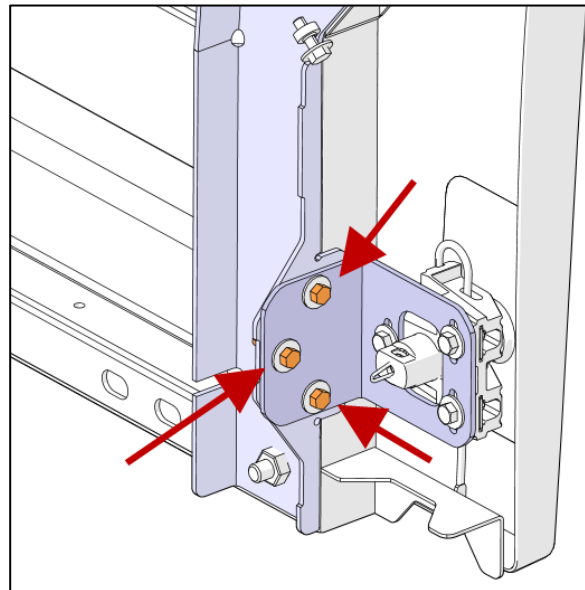


FIGURE 77

119. Align the top of the fender with the bottom of the wall panel.
120. On both sides of the fender tighten the screws that fix the bottom locks to the support.

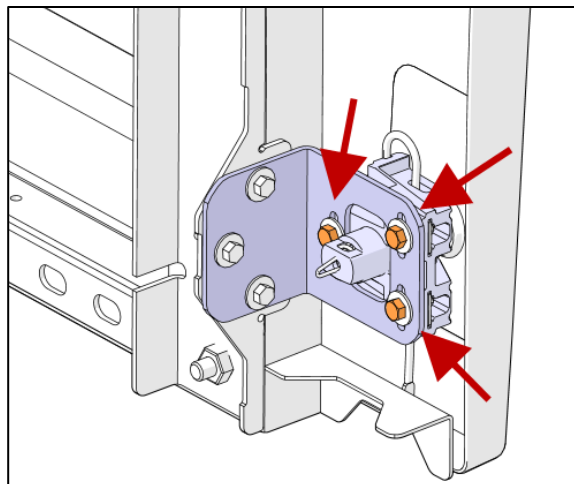


FIGURE 78

121. Install rubber strip PN 289558 on the pole between the fender and the baggage compartment. Align the strip with the fender in place as shown in Figure 79. The bottom of the strip is flush with the bottom of the existing structure.

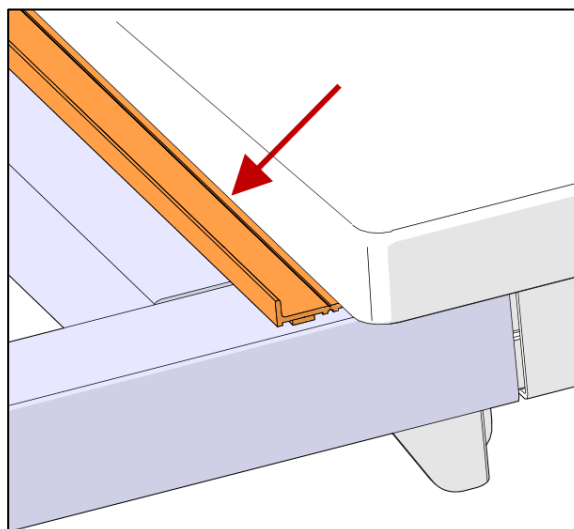


FIGURE 79

122. Split a whole rubber strip PN 289558 into two pieces (just in the middle).

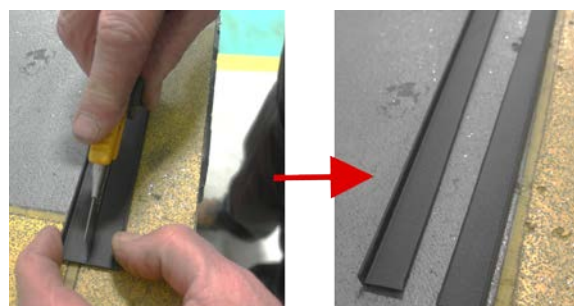


FIGURE 80

123. Clean the mounting surface of the pole between the fender and the radiator compartment.
124. Install half rubber strip on the pole between the fender and the radiator compartment. Align the strip with the fender in place.
125. Cut to fit the half strip at the bottom of the pole as shown in Figure 81.
126. Bulletin is complete for the rear driver side fender.

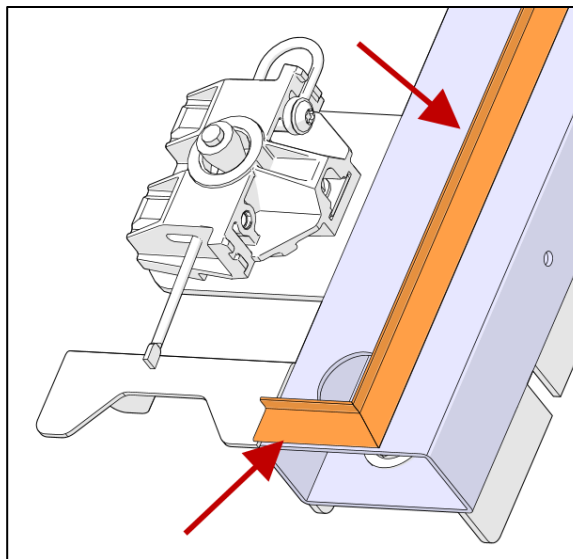


FIGURE 81



FIGURE 82

PROCEDURE FOR REAR CURB SIDE FENDER



DANGER

Park vehicle safely, apply parking brake, stop the engine. Prior to working on the vehicle, set the ignition switch to the OFF position and trip the main circuit breakers equipped with a trip button.

NOTE

Material can be obtained through regular channels.

MATERIAL

Order kit #IS15075_4 for the rear curb side fender that contains the following parts:

Part No.	Description	Qty
479657	REAR CURB SIDE FENDER	1
470880	TOP LOCKING SUPPORT	5
504793	RIVET MONOBOLT SS 3/16X7/16	10
289558	RUBBER STRIP	2
5001009	NUT AN NYL #12	1
504454	RUBBER BOLT M6-1 18MMX19MMX19MM	1
220130	BUMPER SUPPORT ASSEMBLY	1
IS-15075	INSTRUCTION SHEET	1
FI-15075	FEUILLE D'INSTRUCTION	1

INSTALLATION OF THE REAR CURB SIDE FENDER



CAUTION

One component has to be welded on the vehicle. Follow the multiplex modules disconnection procedure prior to welding. The procedure is described into the maintenance manual associated with your vehicle.

127. Unlock the fender by moving the locking spring leg behind the fender.

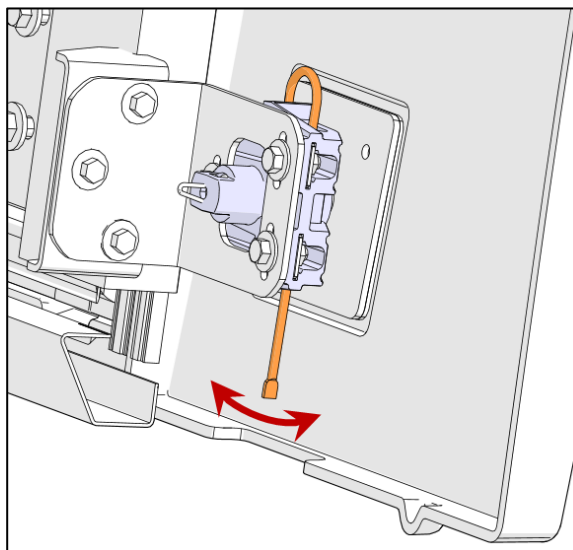


FIGURE 83

128. Repeat the previous step for all locking devices (3).

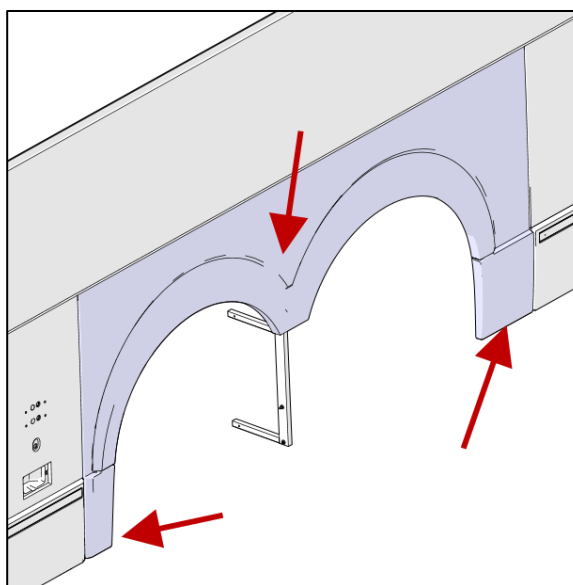


FIGURE 84

129. Move down the fender and discard it.
130. Repair existing components if necessary.

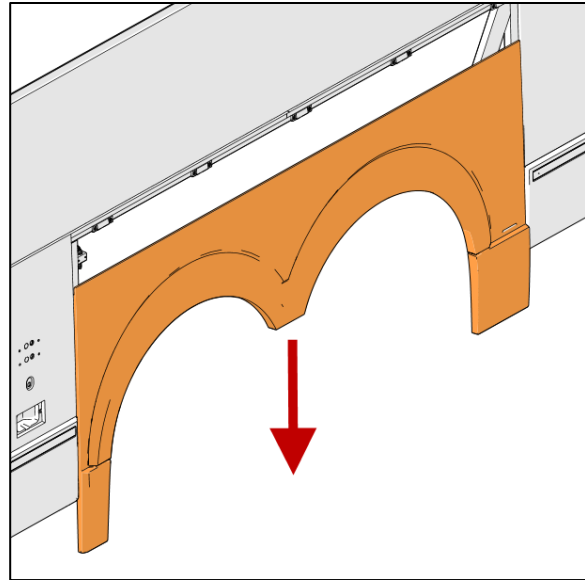


FIGURE 85

131. With a drill bit #11, remove rivets on all existing guide supports (5).
132. Discard all supports.
133. Repair the existing structure if necessary.
134. Clean the mounting surface and install new guide supports PN #470880 (5) with new Pop rivet PN #504793.

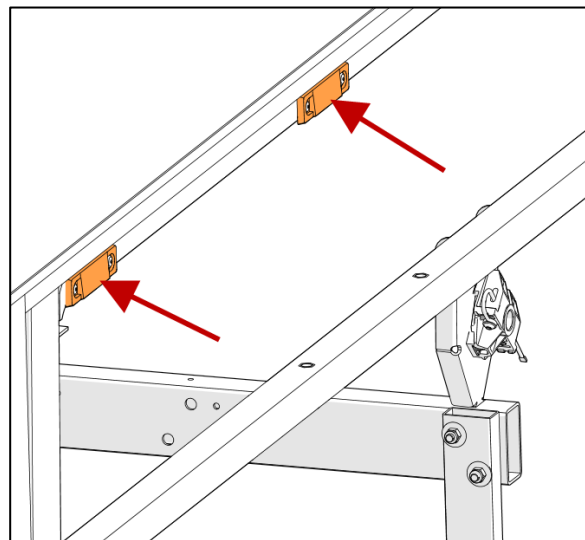


FIGURE 86

135. Clean all fender locks (3) with air pressure jet or water jet. Make sure the spring is working well and replace it if necessary.

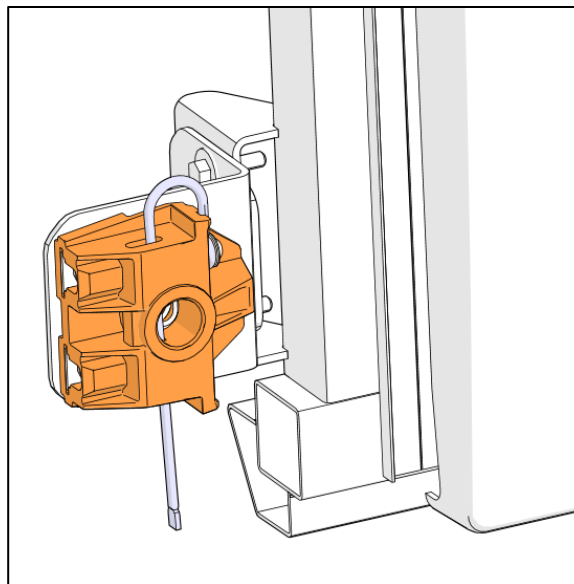


FIGURE 87

136. Remove the whole existing rubber strip on the pole between the fender and the baggage compartment.

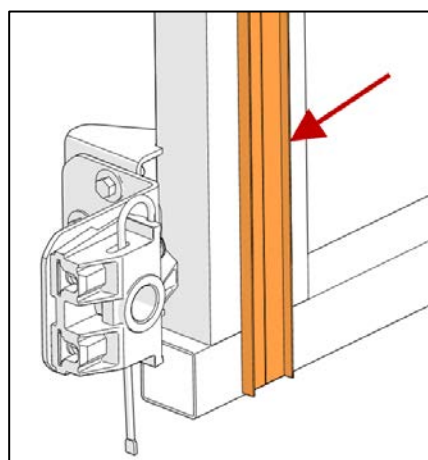


FIGURE 88

137. Clean the surface with a scraper and with antisilicone product.



FIGURE 89

138. Clean the inside walls of the longitudinal tubing at the bottom of the baggage compartment.
139. Insert fender bumper support assembly PN 220130 into this longitudinal tubing as shown in Figure 90.

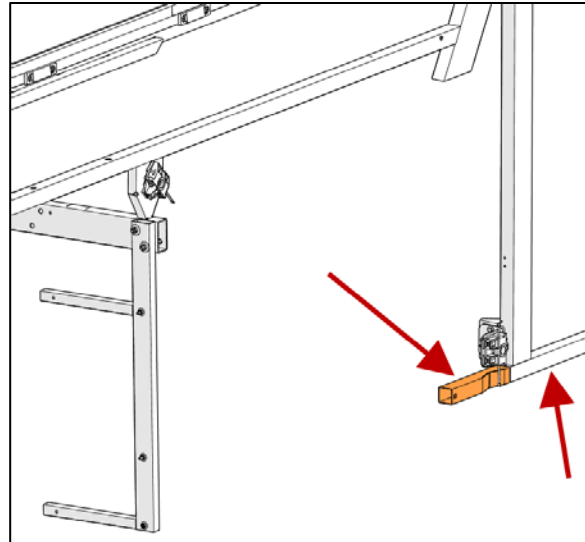


FIGURE 90

140. Keep a gap of 2 mm between the existing tubing and the new support as shown in Figure 91.

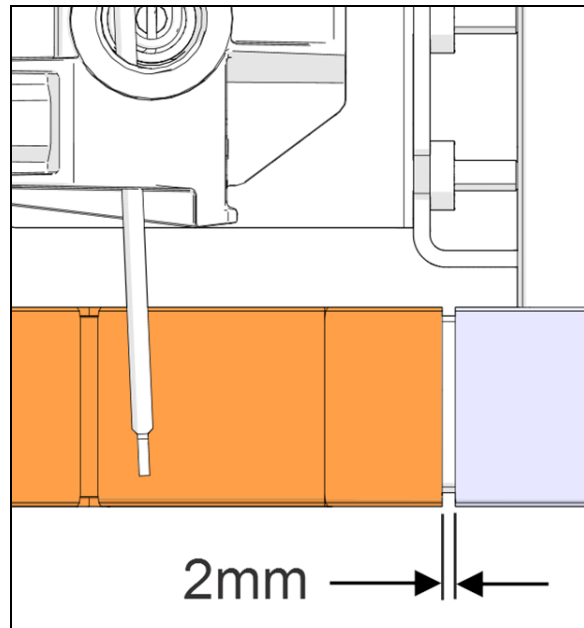


FIGURE 91

141. Use a flat bar to horizontally align the bumper support.




FIGURE 92

142. Use a flat bar to laterally align the bumper support.



FIGURE 93

143. Weld the bumper support with the speciation shown in Figure 94.

	CAUTION
Follow the multiplex modules disconnection procedure prior to welding. The procedure is described into the maintenance manual associated with your vehicle.	

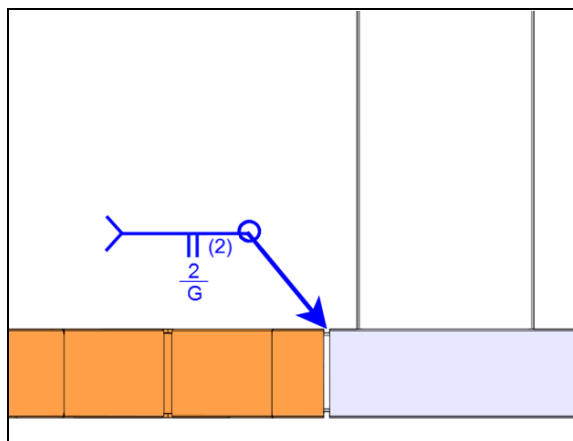


FIGURE 94

144. Grind the welding to make it flush with the adjacent surfaces.



FIGURE 95

145. Insert nylon nut PN 5001009 into the bumper support square hole.
146. Install the bumper and screw it fully.

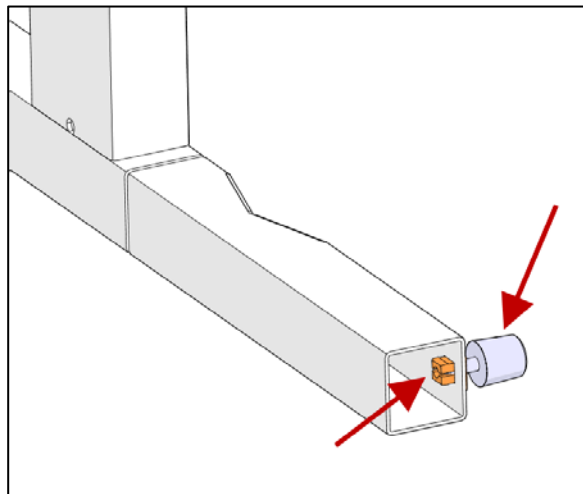


FIGURE 96

147. Loosen the screws (5) of both door lock support at the bottom. Keep the supports in place with the screws.

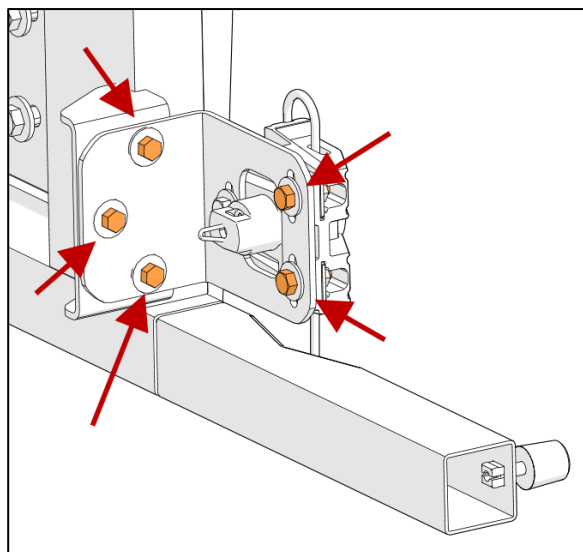


FIGURE 97

148. Loosen the screws (3) of door lock support at the middle top. Keep the support in place with the screws.

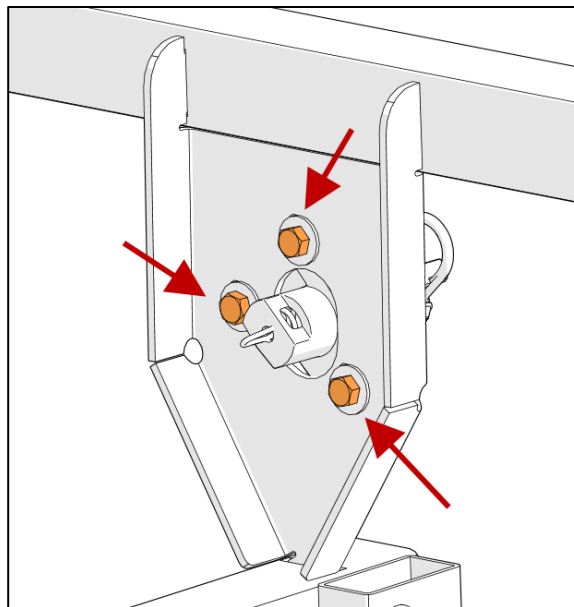


FIGURE 98

149. Install the new fender on the vehicle. Slide up and make sure all five guides are inserted into the guide supports.
150. Push the fender panel on the middle top and make sure the fender locking pin is locked.
151. Repeat previous step at the left bottom and at the right bottom of the fender.

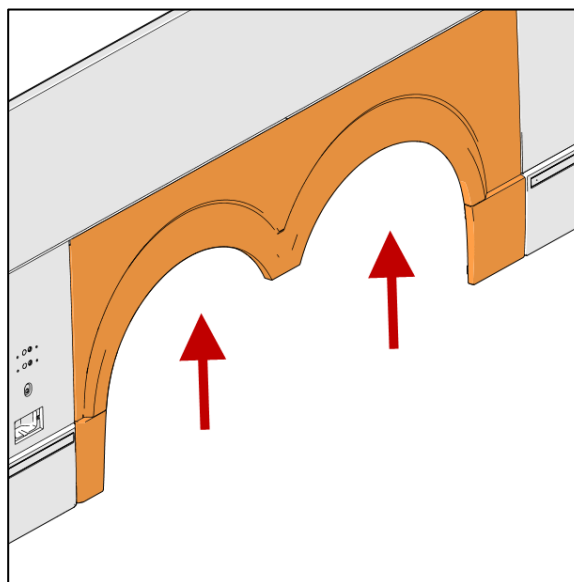


FIGURE 99

152. Fender lock in the middle top allows vertical adjustment only. Adjust the height of the fender in the middle and then tighten the screws that support the lock.

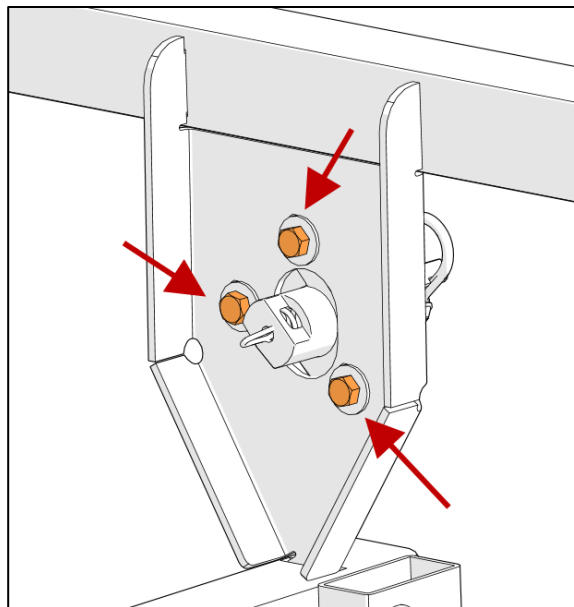


FIGURE 100

153. Fender locks in the bottom allow vertical and transversal adjustments. Make sure the exterior surface of the fender is flush with the baggage door exterior surface. Fasten the screws (3) that fix the lock support to the structure.

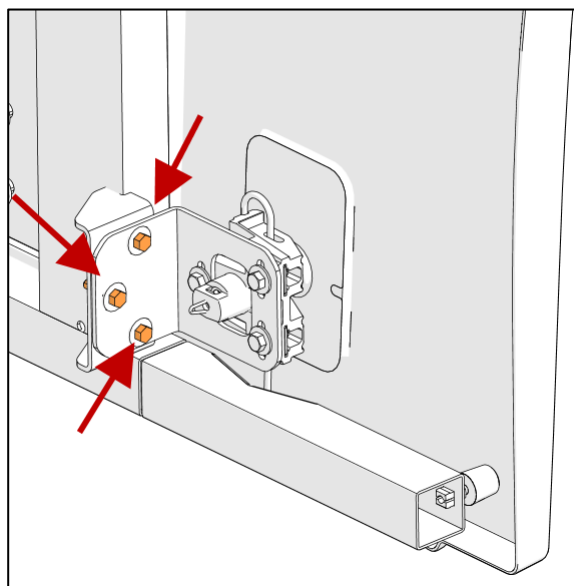


FIGURE 101

154. Adjust the bottom fender bumper and fasten the jam nut.

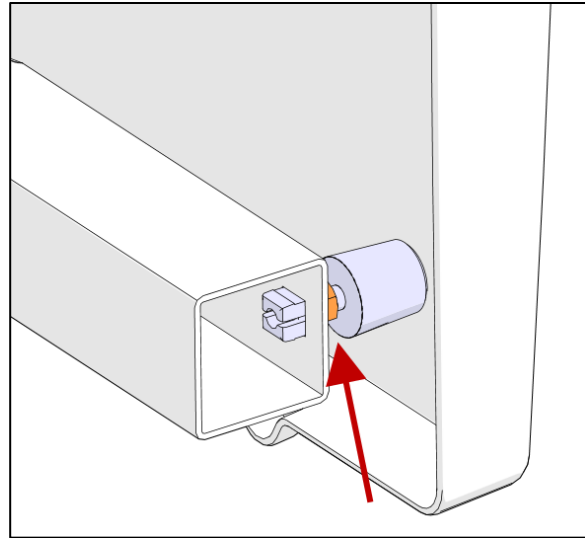


FIGURE 102

155. Make sure the exterior surface of the fender is flush with the electrical compartment door exterior surface. Fasten the screws (3) that fix the lock support to the structure.

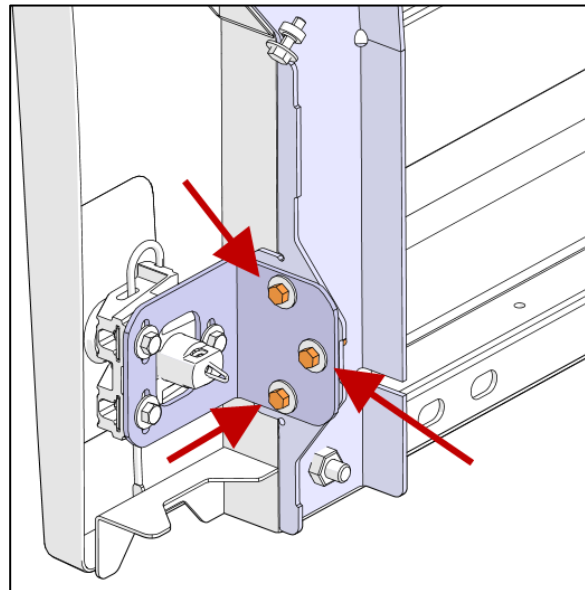


FIGURE 103

156. Align the top of the fender with the bottom of the wall panel.
157. On both sides of the fender tighten the screws that fix the bottom locks to the support.

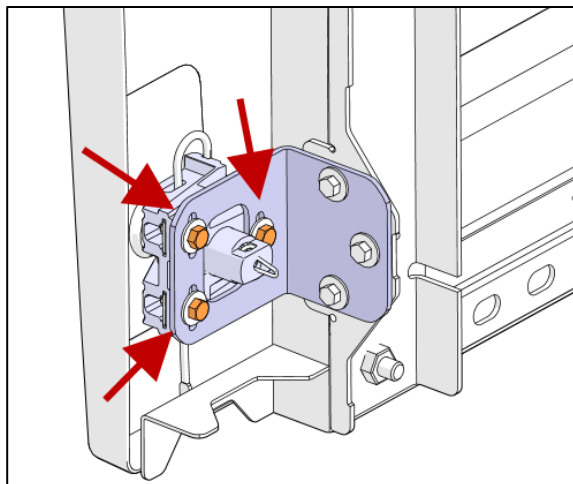


FIGURE 104

158. Install rubber strip PN 289558 on the pole between the fender and the baggage compartment. Align the strip with the fender in place as shown in Figure 105. The bottom of the strip is flush with the bottom of the existing structure.

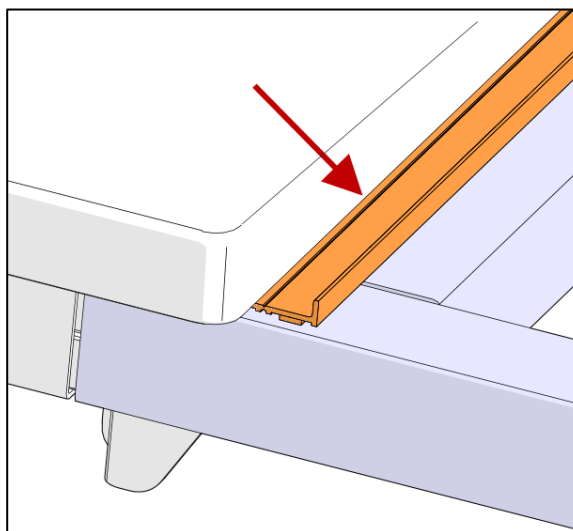


FIGURE 105

159. Split a whole rubber strip PN 289558 into two pieces (just in the middle).

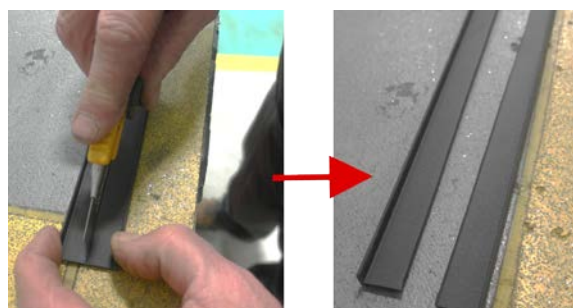


FIGURE 106

160. Clean the mounting surface of the pole between the fender and the rear electrical compartment.
161. Install half rubber strip on the pole between the fender and the electrical compartment. Align the strip with the fender in place.
162. Cut to fit the half strip at the bottom of the pole as shown in Figure 107.
163. Bulletin is complete for the rear curb side fender.

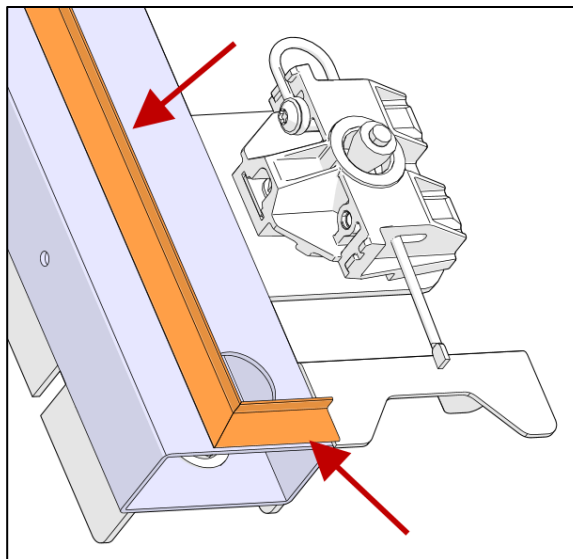


FIGURE 107



FIGURE 108

LABOR TIME

Time to perform the installation is 2 hours per fender plus 1h15 more for each rear fender for disconnection of the electrical system before welding.

PARTS / WASTE DISPOSAL

Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)