

HONDA

INSTALLATION INSTRUCTIONS

Accessory

FOG LAMP ATTACHMENT
P/N 08V70-MJP-G50

Application

CRF1000/A/D

Publication No.

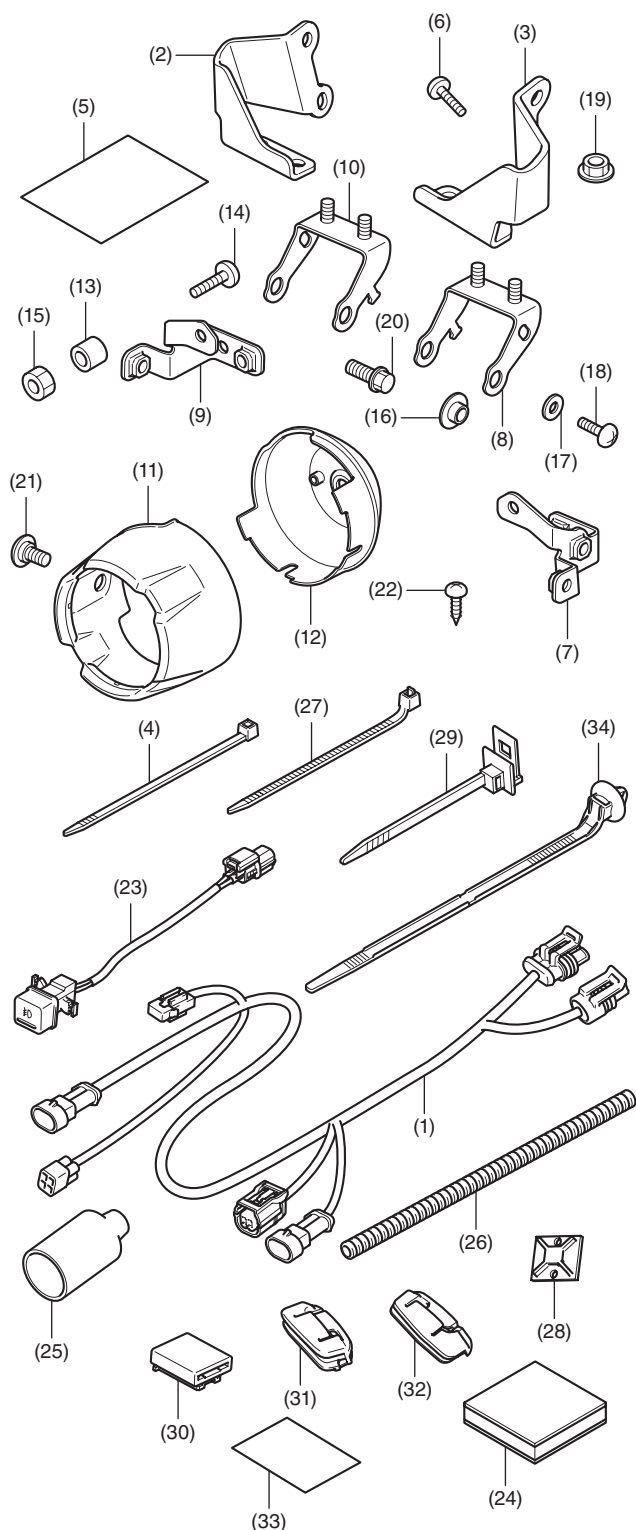
MII

Issue Date

October 2015

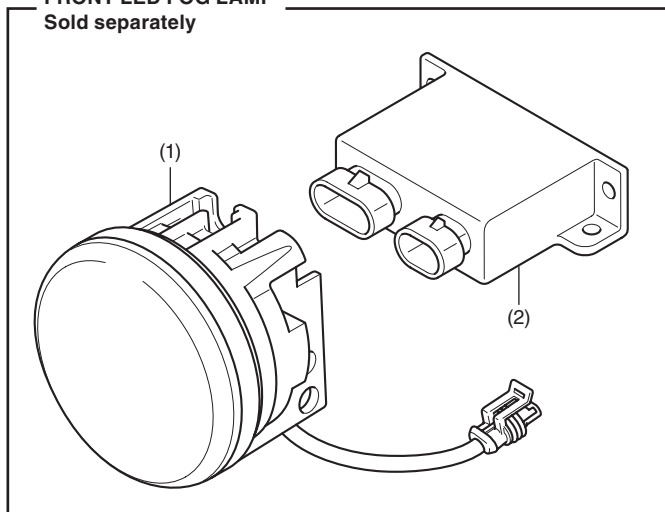
Honda Dealer: Please give a copy of these instructions to your customer.

PARTS LIST



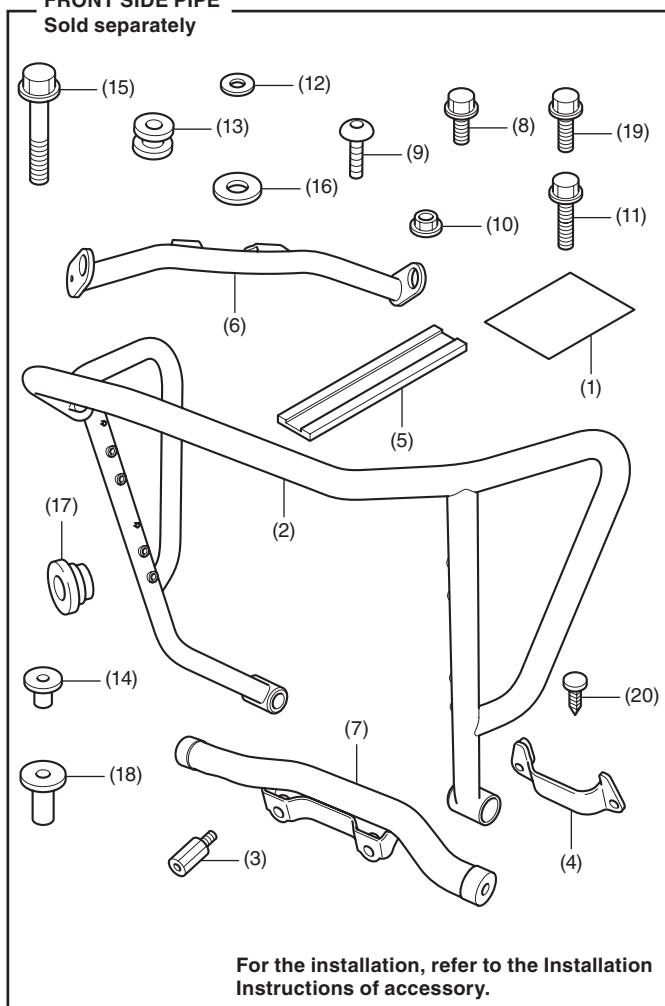
No.	Description	Qty
(1)	Fog lamp sub harness	1
(2)	Right fog lamp mount stay	1
(3)	Left fog lamp mount stay	1
(4)	Wire tie	9
(5)	URL paper	1
(6)	6 mm socket screw	4
(7)	Fog lamp stay (for left side)	1
(8)	Fog lamp bracket (for left side)	1
(9)	Fog lamp stay (for right side)	1
(10)	Fog lamp bracket (for right side)	1
(11)	Fog lamp cover	2
(12)	Fog lamp cap	2
(13)	Collar	2
(14)	6 mm bolt	2
(15)	6 mm nut	2
(16)	Flange collar (small)	4
(17)	Washer	4
(18)	6 mm screw	4
(19)	6 mm flange nut	4
(20)	6 mm SH flange bolt	2
(21)	6 mm shoulder socket screw	4
(22)	3 mm screw	2
(23)	Fog lamp switch	1
(24)	Rubber	1
(25)	Connector cover	1
(26)	Tube	2
(27)	Clip band	2
(28)	Tylap base	2
(29)	Holder clip	1
(30)	Holder bracket	1
(31)	Right fog lamp rubber	1
(32)	Left fog lamp rubber	1
(33)	Protector film	2
(34)	Harness clip	2

FRONT LED FOG LAMP Sold separately



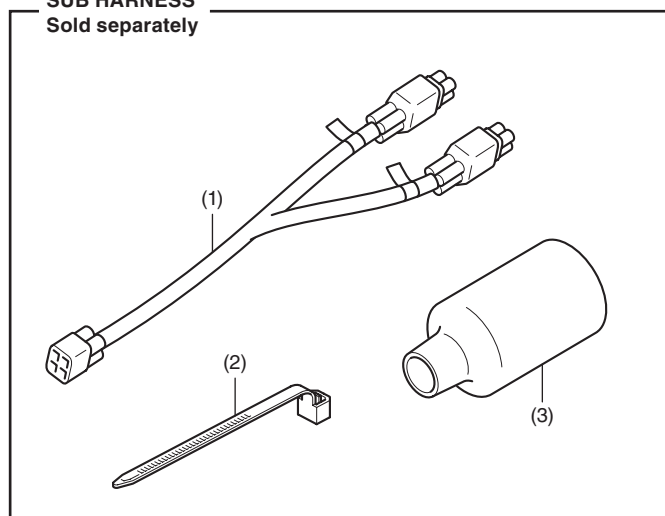
No.	Description	Qty
(1)	Front LED fog lamp	2
(2)	Front LED fog lamp driver	1

FRONT SIDE PIPE Sold separately



No.	Description	Qty
(1)	URL paper	1
(2)	Front side pipe	1
(3)	Special bolt	2
(4)	Front band	1
(5)	Band rubber	1
(6)	Front side pipe stay	1
(7)	Lower cross pipe	1
(8)	6 mm flange bolt (short)	1
(9)	6 mm screw	2
(10)	6 mm nut	2
(11)	6 mm flange bolt (long)	2
(12)	Washer (small)	2
(13)	Rubber	2
(14)	Flange collar (small)	2
(15)	8 mm flange bolt	2
(16)	Washer (large)	2
(17)	Mount rubber	4
(18)	Flange collar (large)	2
(19)	6 mm flange bolt (middle)	1
(20)	Clip	4

SUB HARNESS Sold separately



No.	Description	Qty
(1)	Front sub harness	1
(2)	Wire tie	1
(3)	Connector cover	1

TOOLS AND SUPPLIES REQUIRED

- Socket (8 and 10 mm)
- Ratchet
- Hex wrench (4 and 5 mm)
- Phillips ® screwdriver
- Nippers
- Electric drill
- Drill bit (7 mm)
- Marker
- Scale
- Electrical tape
- Scissors
- File
- Band or Wire
- Isopropyl alcohol
- Shop towel
- Torque wrench

TORQUE CHART

Tighten all screws, bolts, and nuts to their specified torque values. Refer to the Service Manual for the torque values of the removed parts.

Item	N·m	kgf·m	lbf·ft
6 mm screw	9	0.9	6.6
6 mm shoulder socket screw	9	0.9	6.6
6 mm socket screw	9	0.9	6.6
6 mm bolt	10	1.0	7
6 mm SH flange bolt	10	1.0	7
6 mm flange nut	12	1.2	9

INSTALLATION

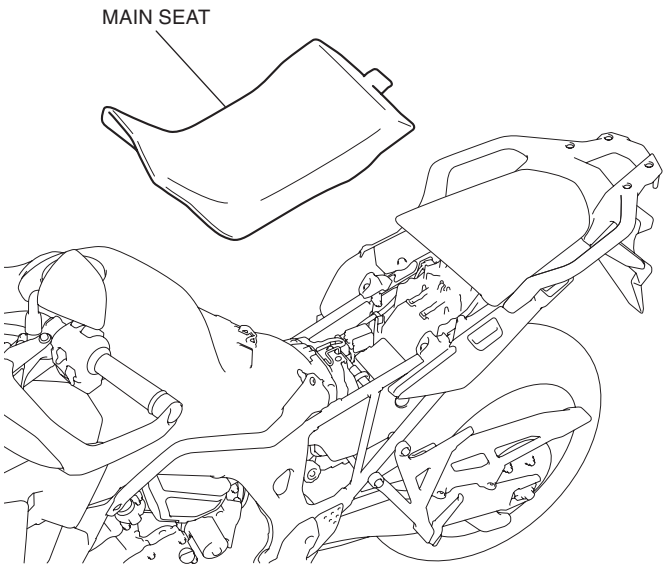
⚠ CAUTION

- To prevent burns, allow the engine, exhaust system, radiator, etc., to cool before installing the accessory.
- Be sure to observe all safety messages and precautions described in the Service Manual while removing and installing the fuel tank.

NOTE:

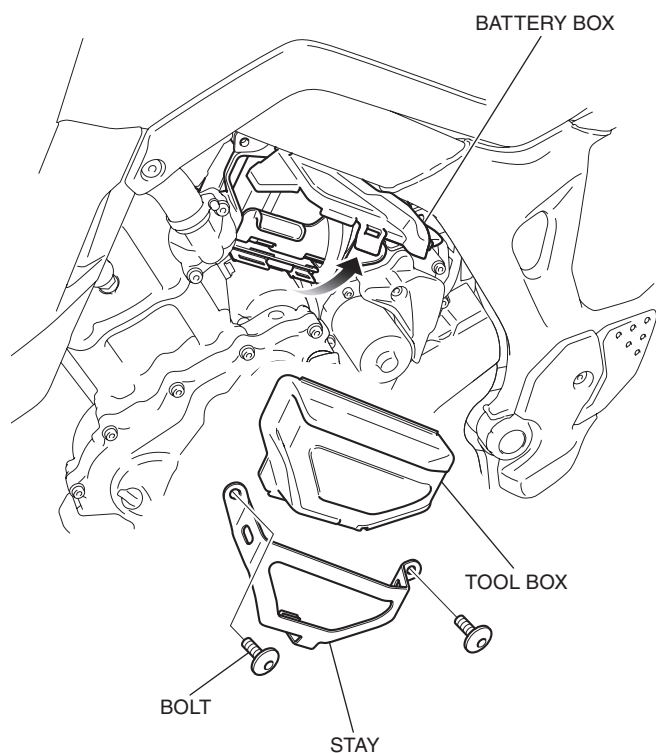
- Heat the bonding surfaces with a hair dryer if the ambient air temperature is below 70°F (21°C).
- The adhesive reaches full strength in 72 hours. Wait at least 24 hours before riding your motorcycle.
- Disconnect the negative (-) cable from the battery before installing this accessory.
- The memories of the clock will be erased when you disconnect the battery. Reset the memories after reconnecting the battery.
- Reinstall the removed parts on the motorcycle and make sure that the wires and harnesses are not pinched.
- Trim the excess ends off the wire ties after attaching them to the wire harnesses. Do not allow the cut part of the wire tie to interfere with another harness or brake hose.

1. Remove the main seat as shown.



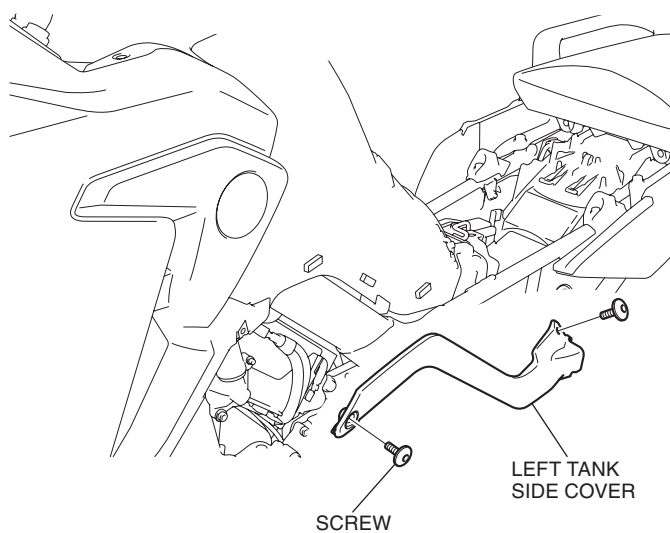
2. Remove the tool box, open the battery box and disconnect the negative (-) terminal of the battery.

<Left side>



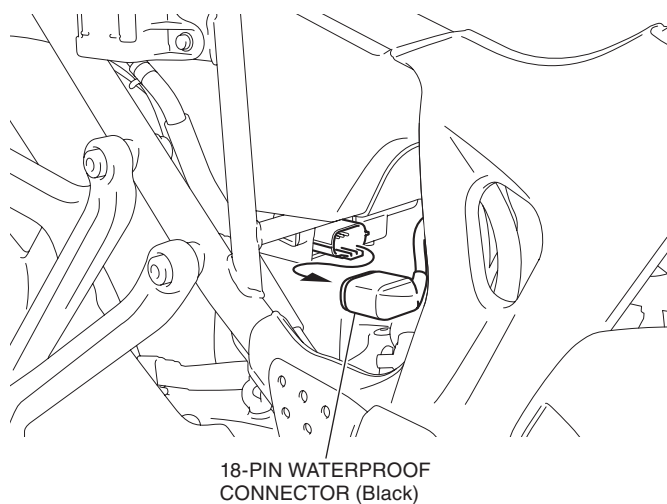
3. Remove the left tank side cover as shown.

<Left side>



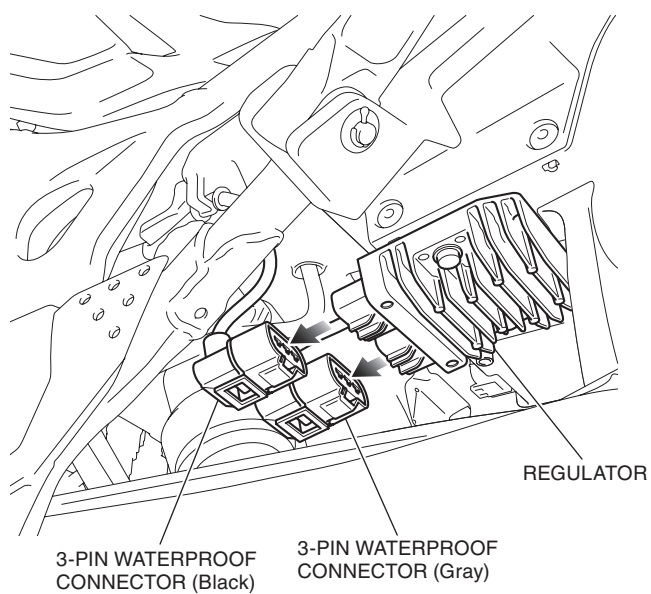
4. Remove the connector as shown.

<Right side>

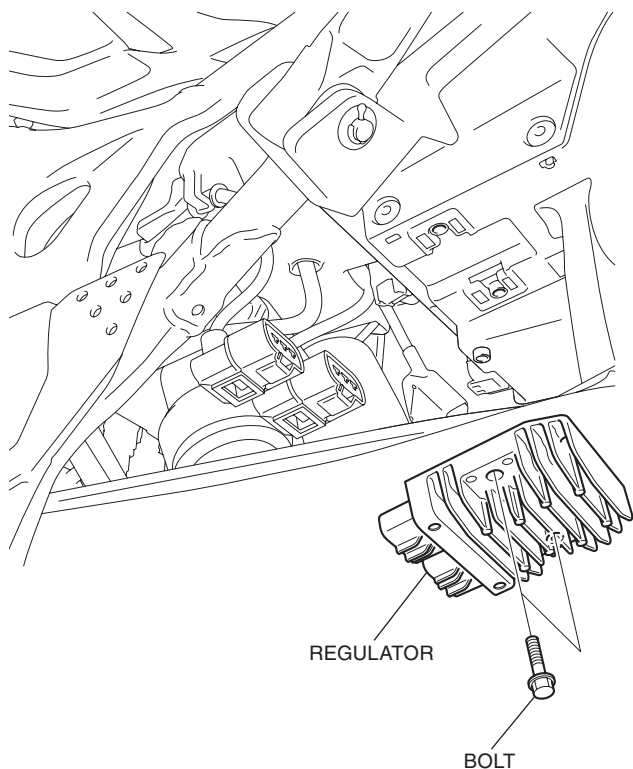


5. Remove the connectors as shown.

<Left side>



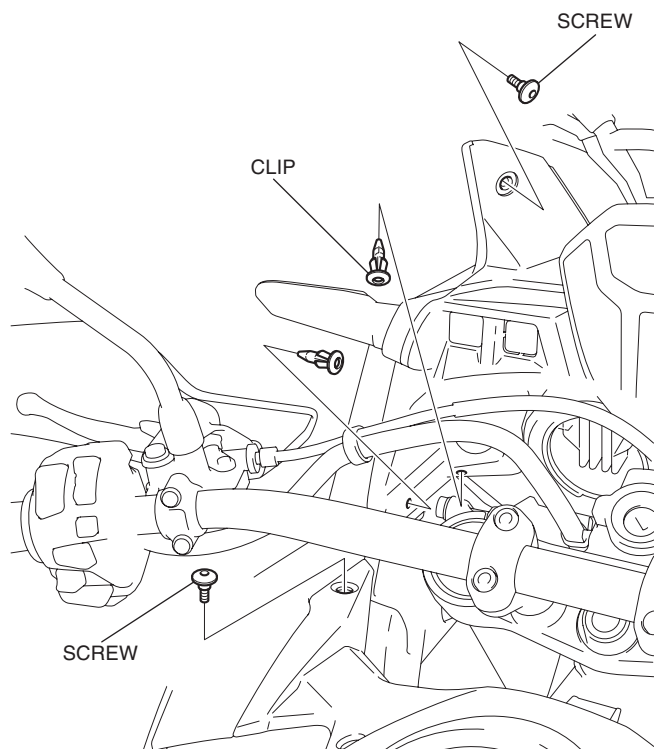
6. Remove the regulator as shown.



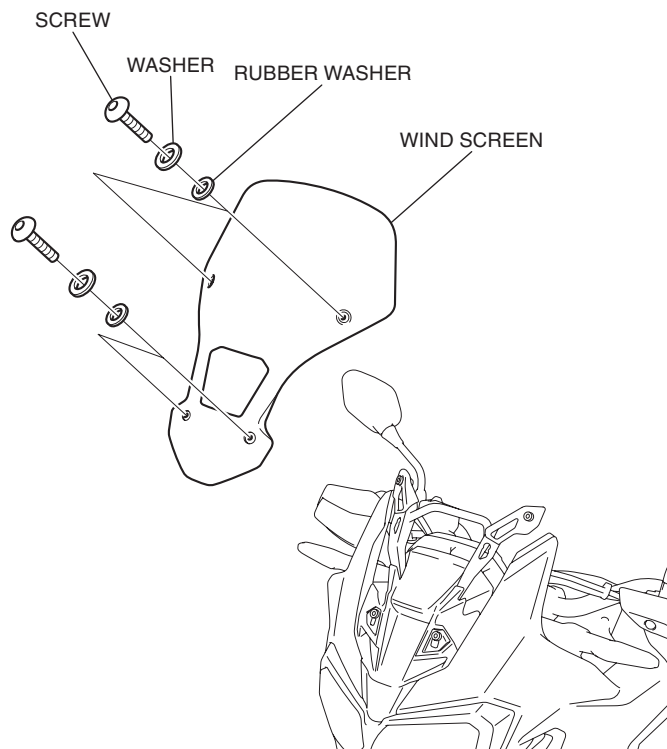
7. Remove the screws and clips as shown.

- Repeat on the right side.

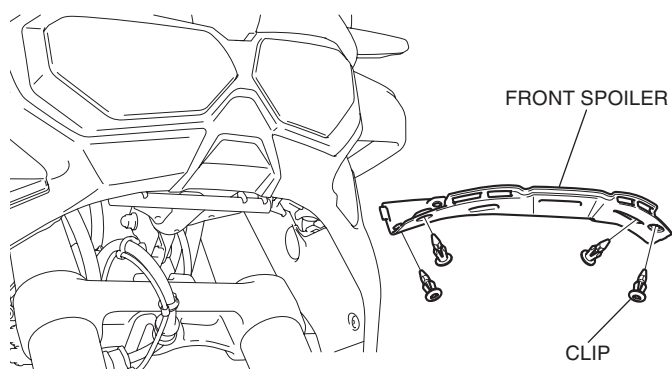
<Left side>



8. Remove the wind screen as shown.

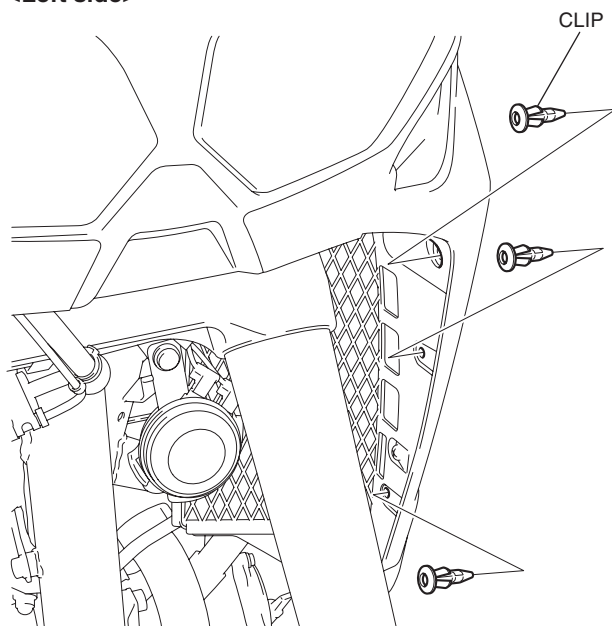


9. Remove the front spoiler as shown.

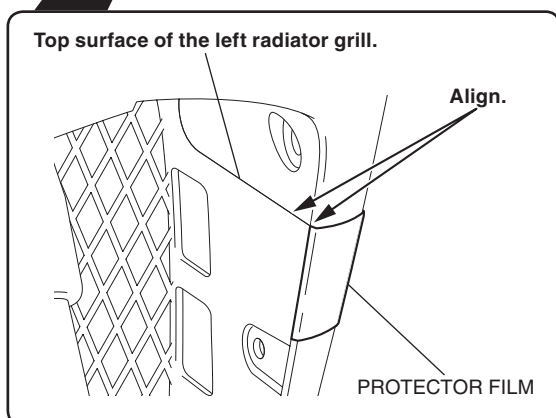
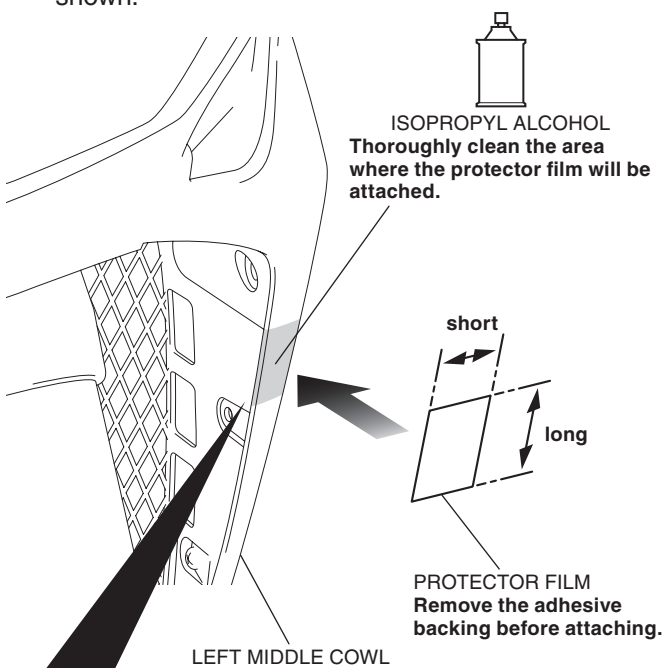


10. Remove the clips as shown.
- **Repeat on the right side.**

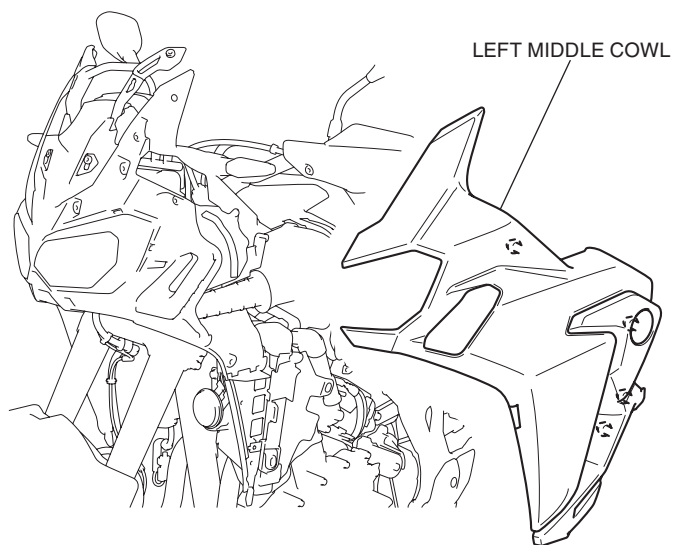
<Left side>



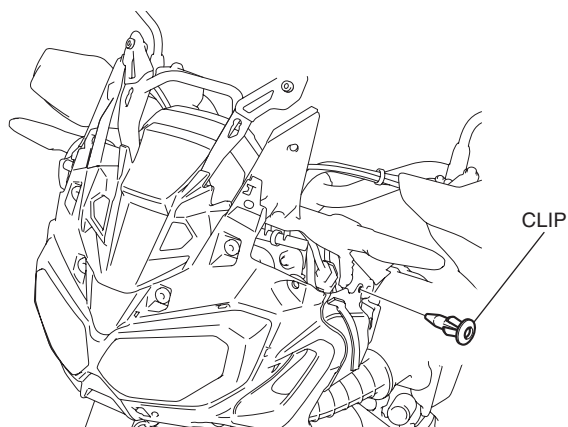
11. Attach the protector film to the left middle cowl as shown.



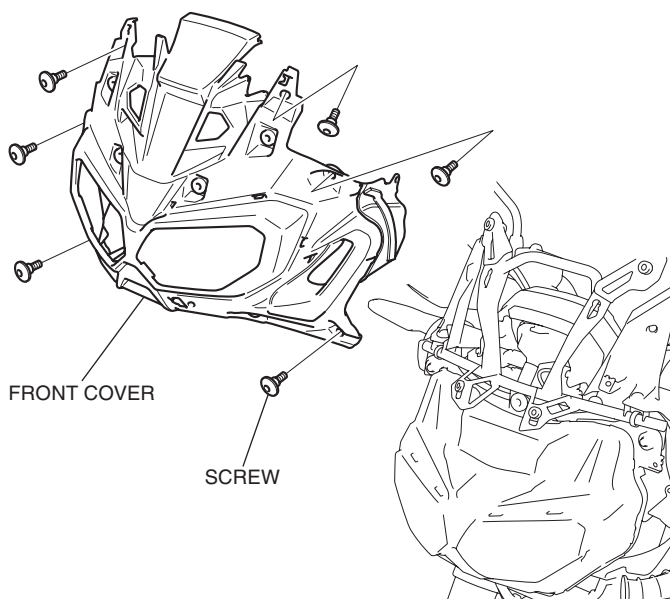
12. Clean the right middle cowl and attach the protector film in the same manner.
13. Remove the left middle cowl as shown.



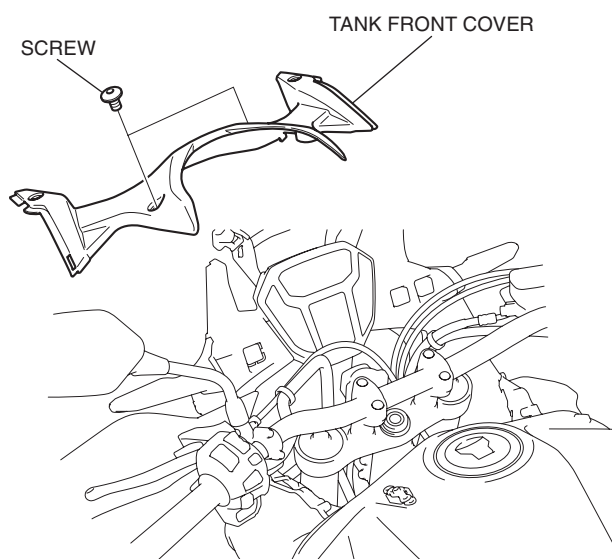
14. Remove the right tank side cover and right middle cowl in the same manner.
15. Remove the clip as shown.
- **Repeat on the right side.**



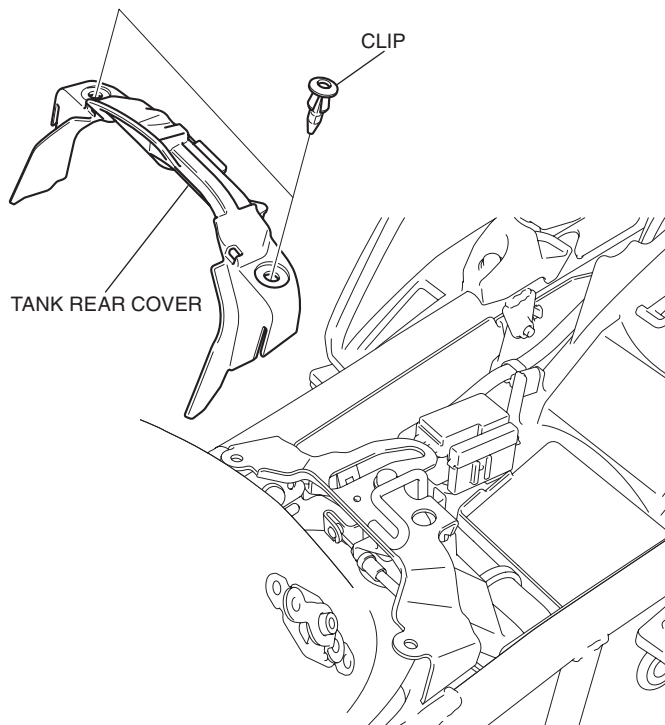
16. Remove the front cover as shown.



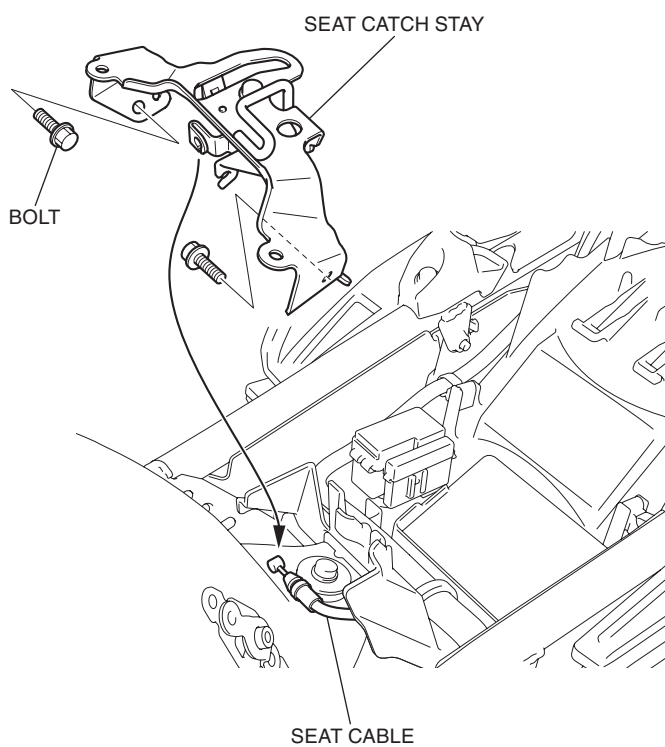
17. Remove the tank front cover as shown.



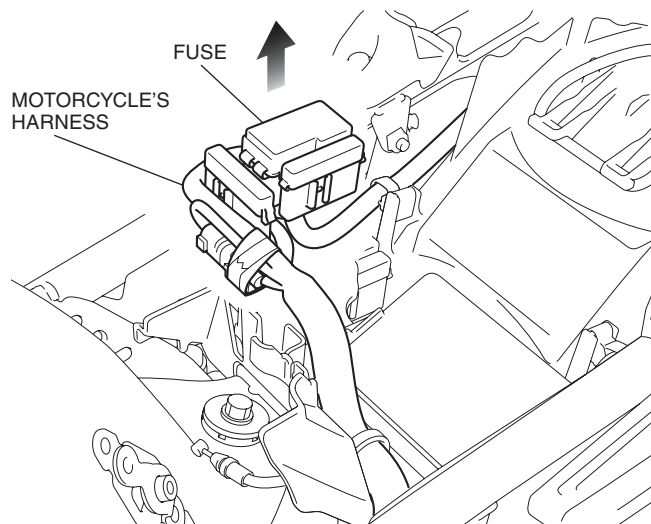
18. Remove the tank rear cover as shown.



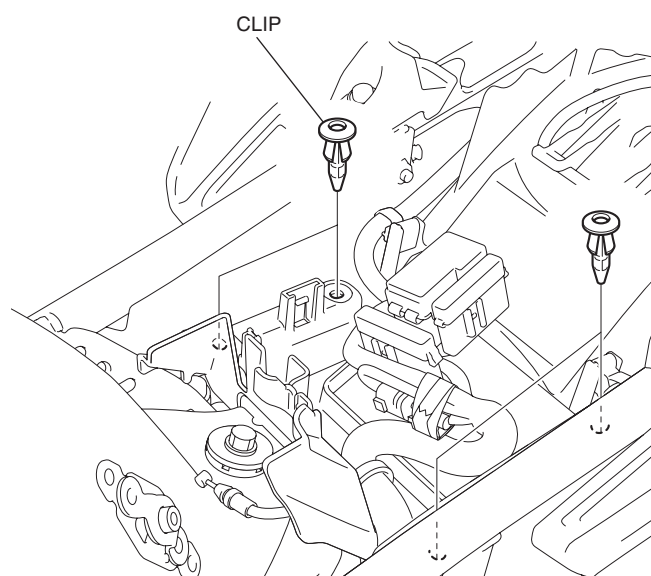
19. Remove the seat catch stay as shown.



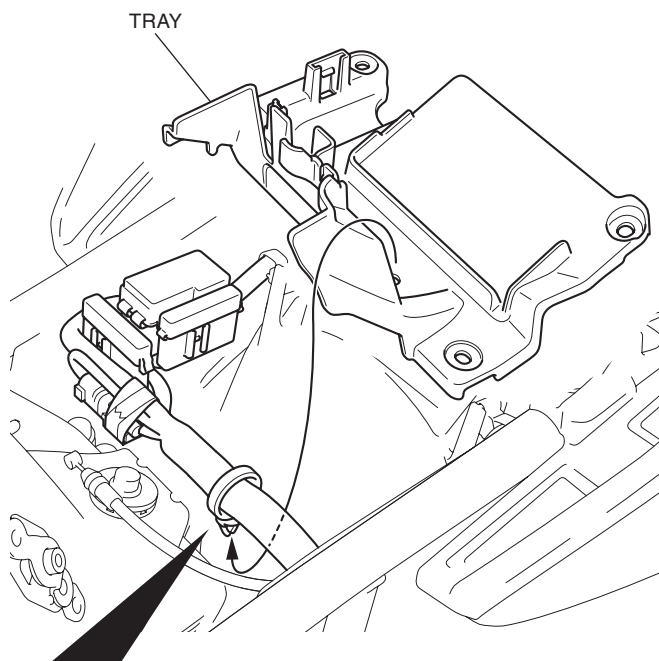
20. Remove the fuse as shown.



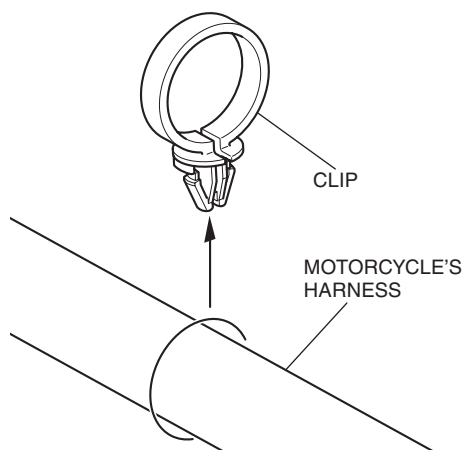
21. Remove the clips as shown.



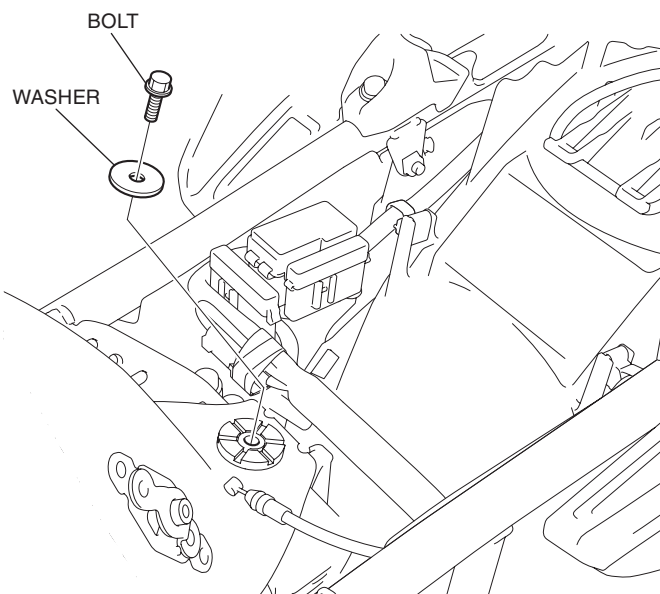
22. Remove the tray as shown.



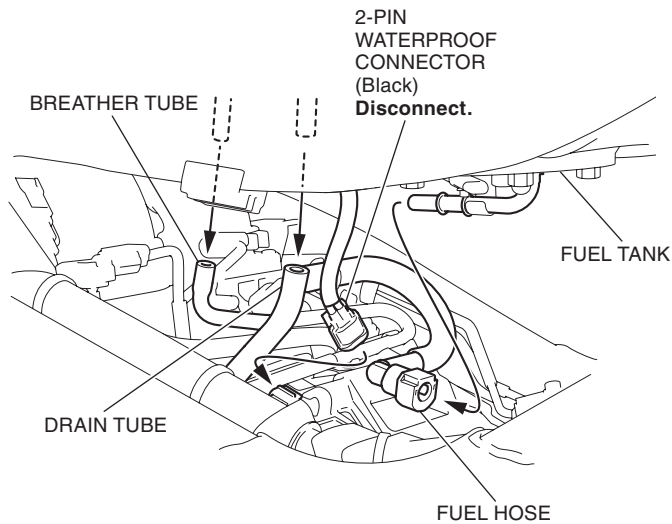
Remove the clip as shown.



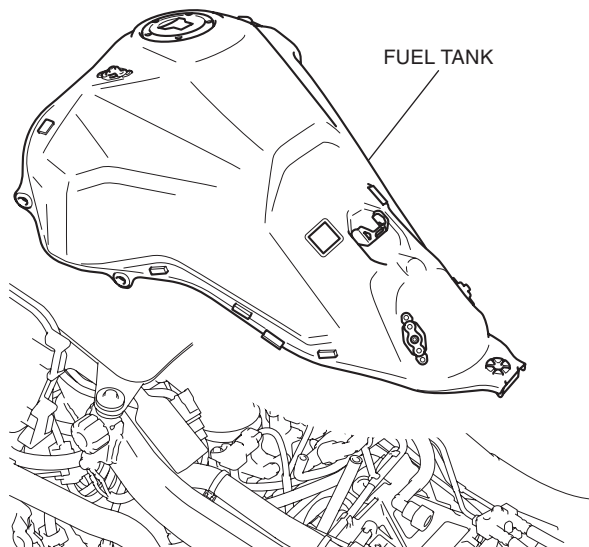
23. Remove the bolt as shown.



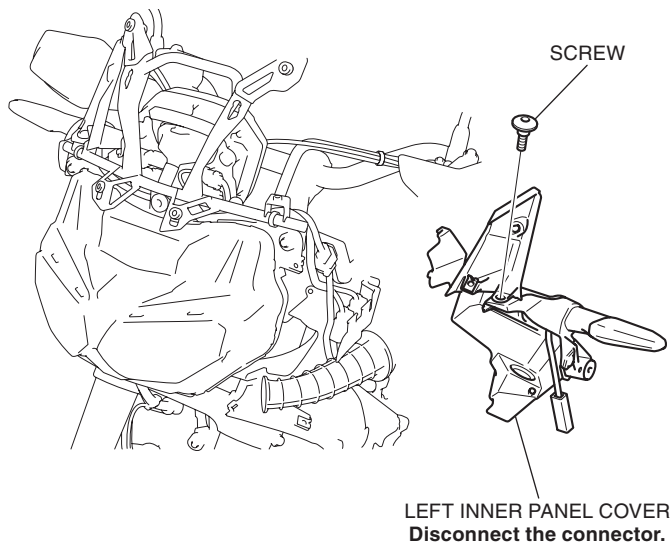
24. Remove the indicated parts as shown.



25. Remove the fuel tank as shown.

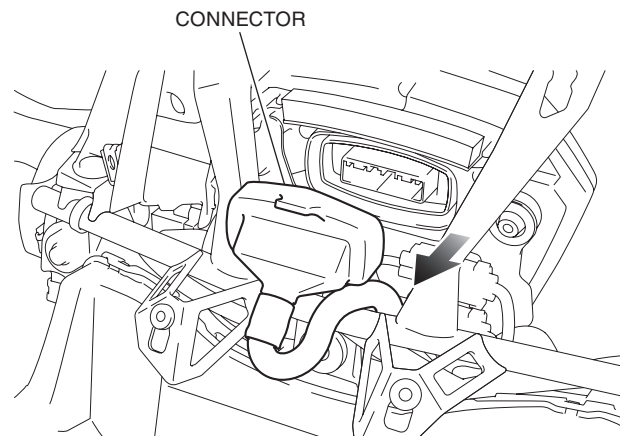


26. Remove the left inner panel cover as shown.



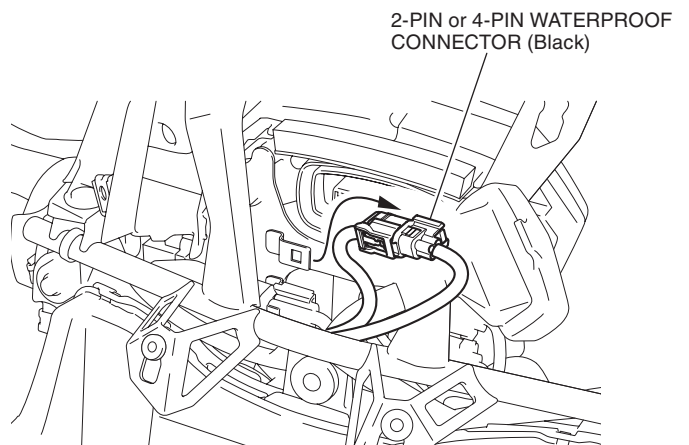
27. Remove the connector as shown.

<Front side>



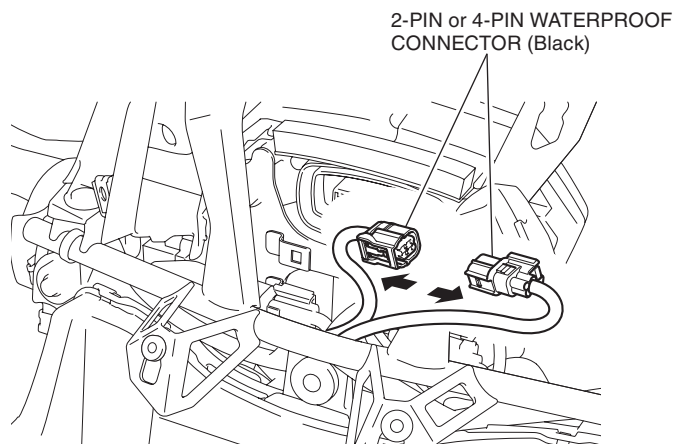
28. Remove the connector as shown.

- Perform this step on CRF1000A and CRF1000D model only.
- Remove 2-pin waterproof connector for CRF1000A or 4-pin waterproof connector for CRF1000D.

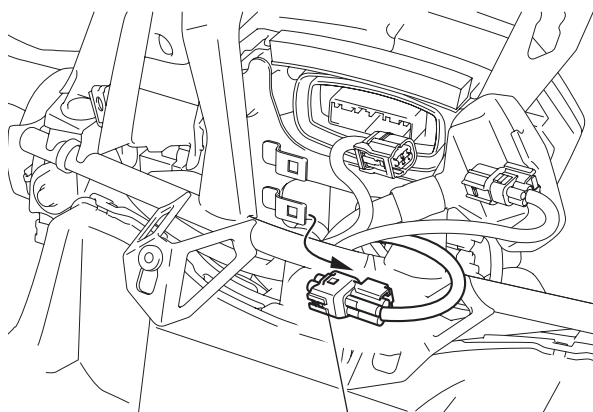


29. Remove the connector as shown.

- Perform this step on CRF1000A and CRF1000D model only.
- Remove 2-pin waterproof connector for CRF1000A or 4-pin waterproof connector for CRF1000D.

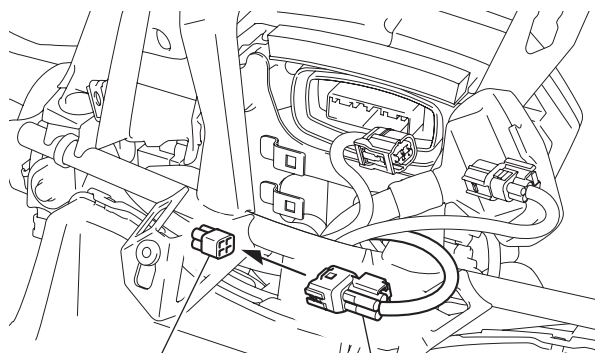


30. Remove the connector as shown.



4-PIN WATERPROOF
CONNECTOR (White)

31. Remove the dummy connector as shown.



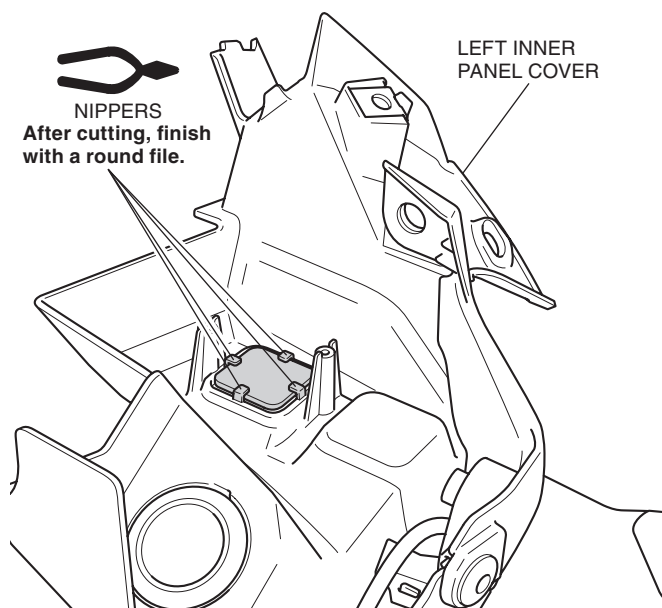
4-PIN WATERPROOF DUMMY
CONNECTOR (White) (Save)

4-PIN WATERPROOF
CONNECTOR (White)

32. Remove the right inner panel cover in the same manner.

33. Cut out the  parts of left inner panel cover as shown.

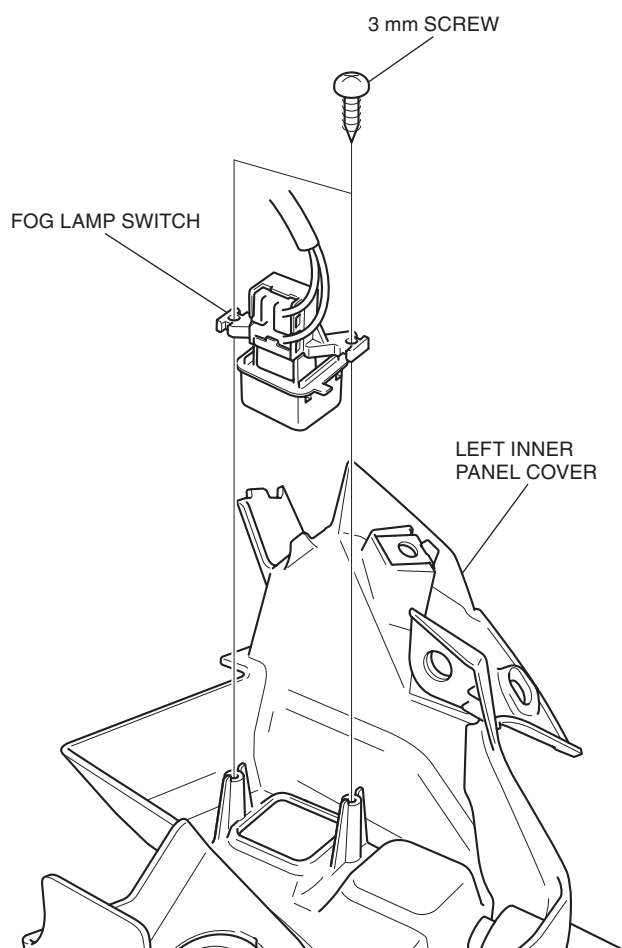
- After cutting, remove any burrs.



NIPPERS
After cutting, finish
with a round file.

LEFT INNER
PANEL COVER

34. Install the fog lamp switch as shown.



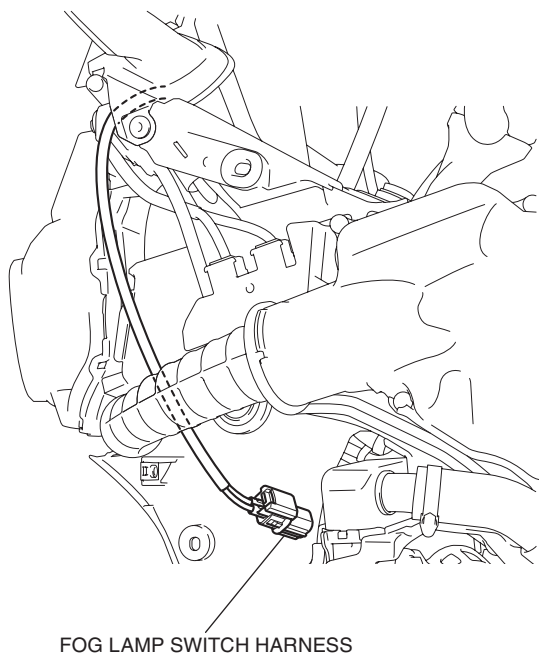
3 mm SCREW

FOG LAMP SWITCH

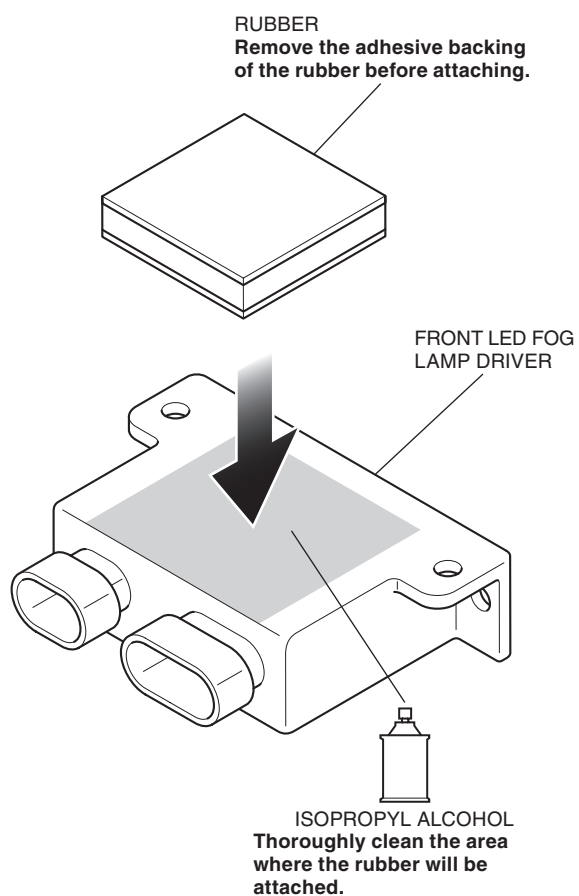
LEFT INNER
PANEL COVER

35. Install the left inner panel cover in the reverse order of removal and route the fog lamp switch harness as shown.

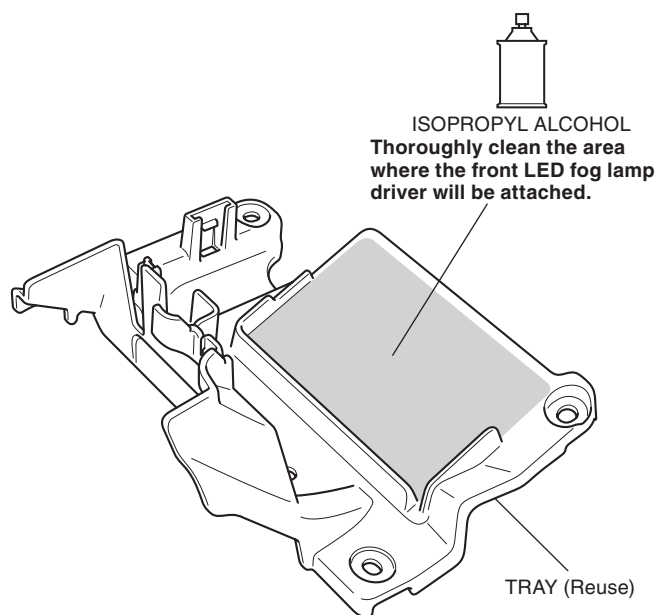
<Left side>



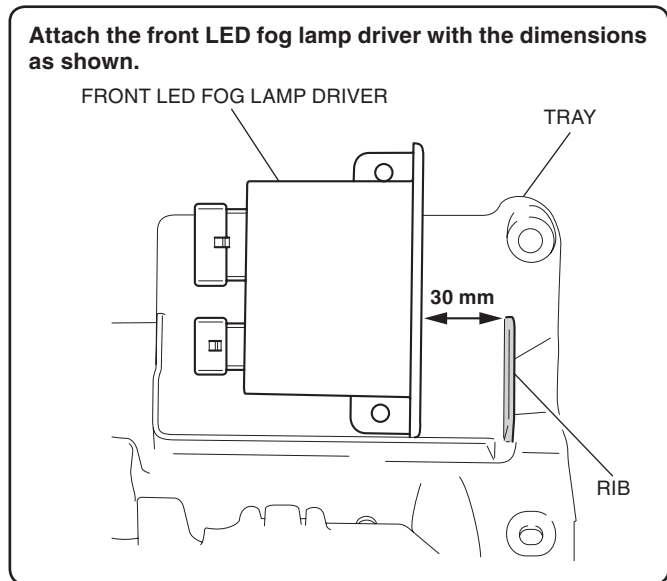
36. Attach the rubber to the front LED fog lamp driver as shown.



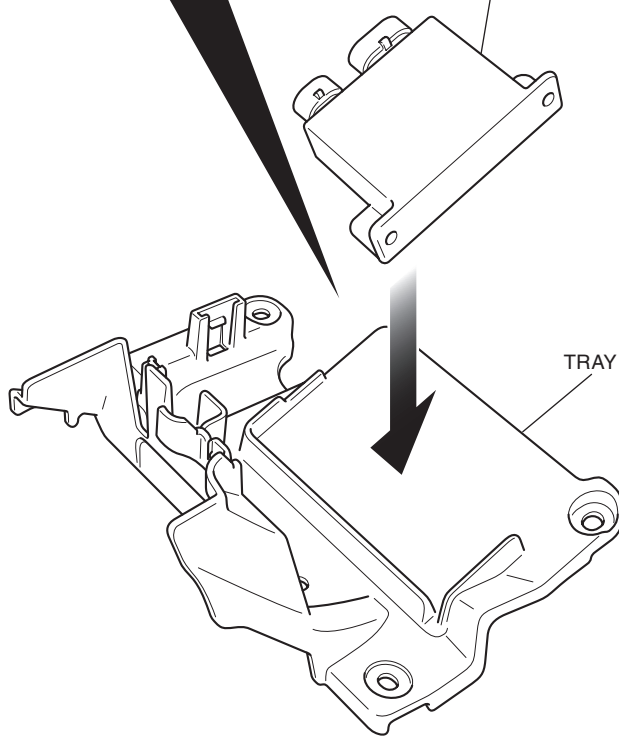
37. Clean the surface of the area shown using an isopropyl alcohol.



38. Attach the front LED fog lamp driver as shown.

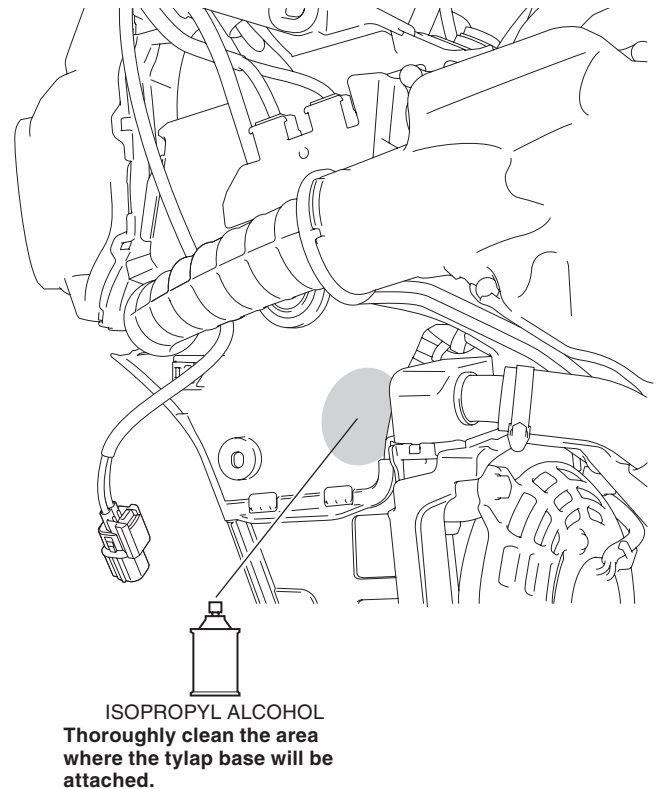


FRONT LED FOG LAMP DRIVER
Remove the adhesive backing of the rubber before attaching.

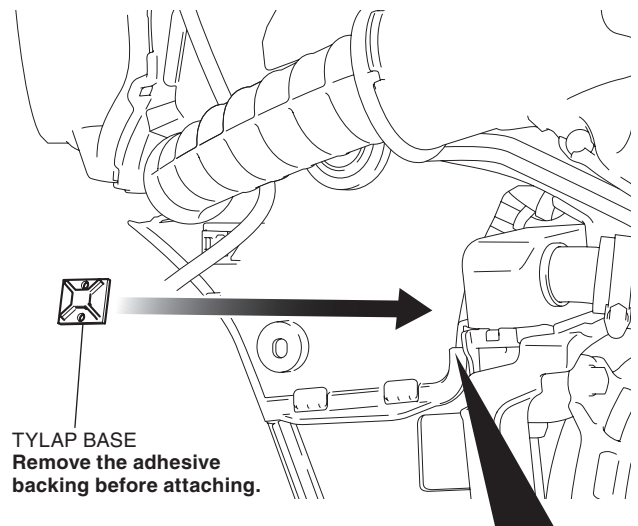


39. Install the tray in the reverse order of removal.

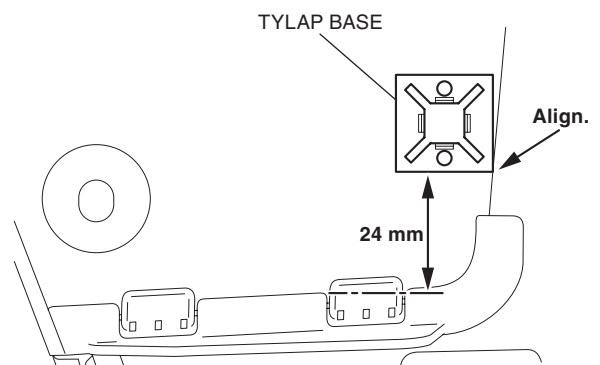
40. Clean the surface of the area shown using an isopropyl alcohol.



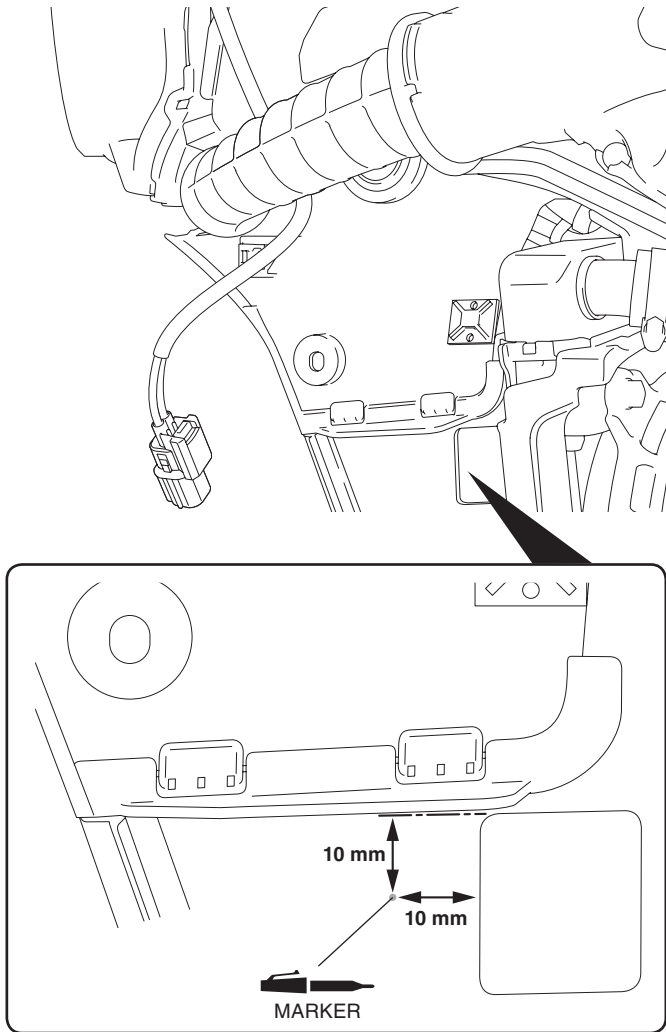
41. Attach the tylap base as shown.



Attach the tylap base with the dimensions as shown.

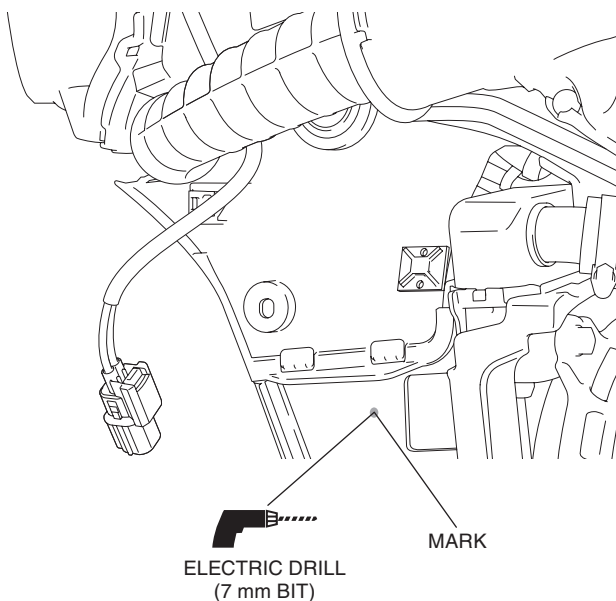


42. Mark at the point of the dimension shown.



43. Drill at the marked point using an electric drill as shown.

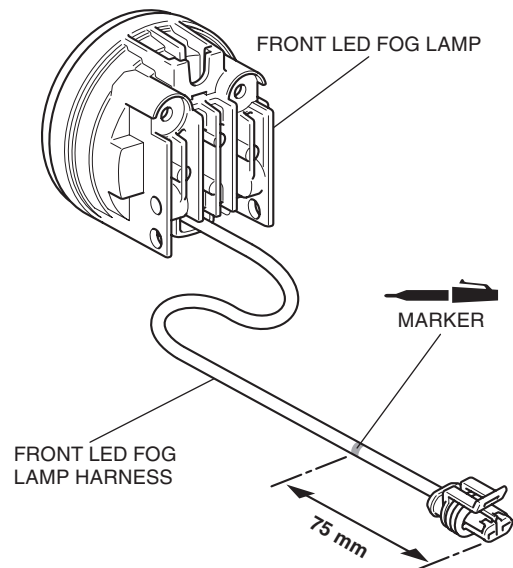
- Remove any burrs from edge of the hole.



44. Attach the tylop base and drilling on the right side in the same way.

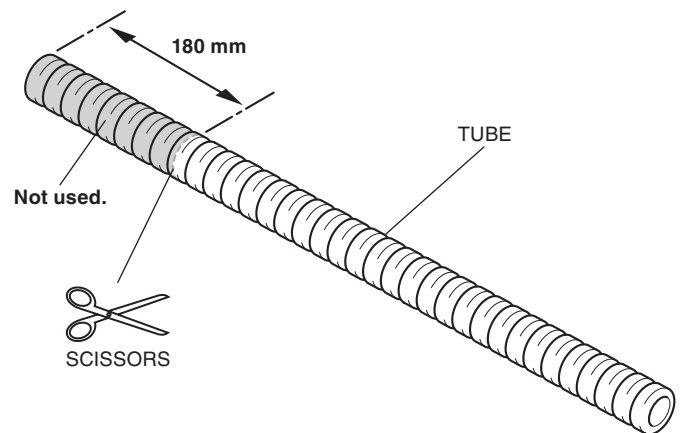
45. Mark the front LED fog lamp harness at the position with the indicated dimensions.

- Perform this step for both fog lamps.



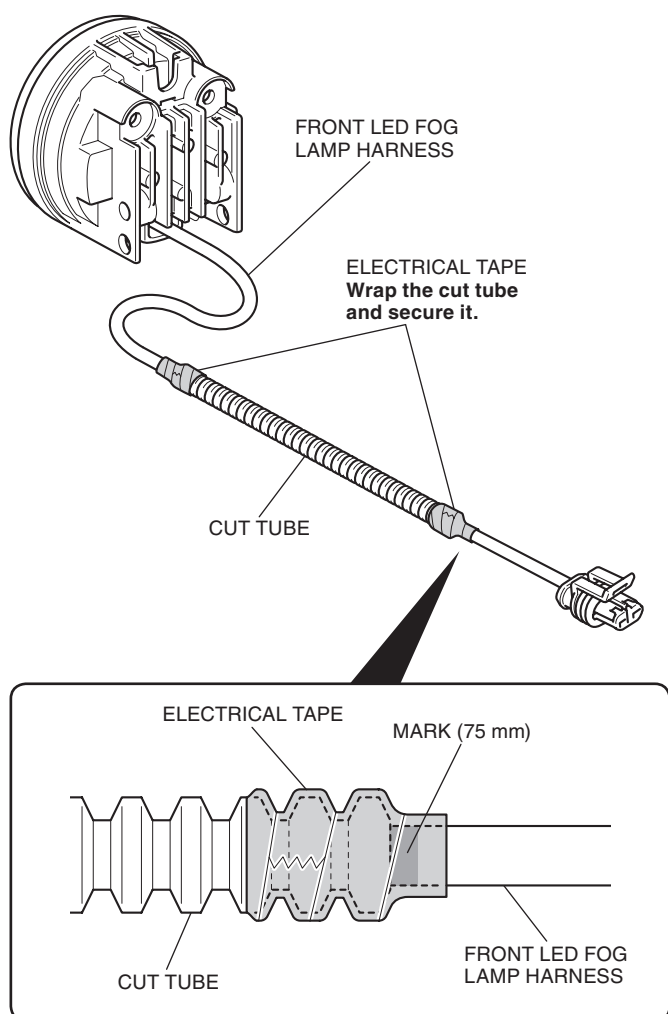
46. Cut the tube as shown.

- Work on each of two tubes.

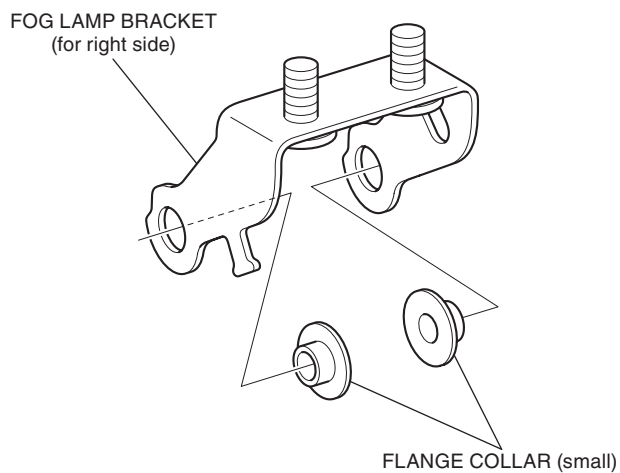


47. Insert the cut tube as shown.

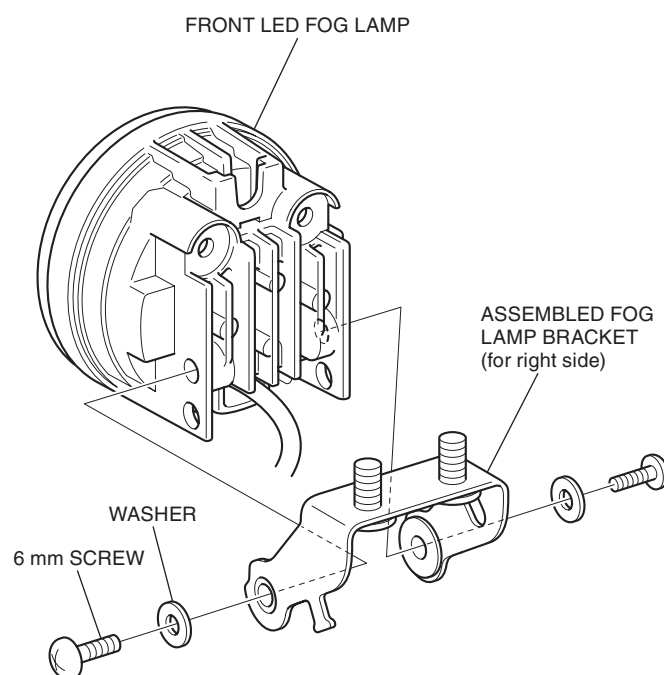
- **Perform this step for both fog lamps.**



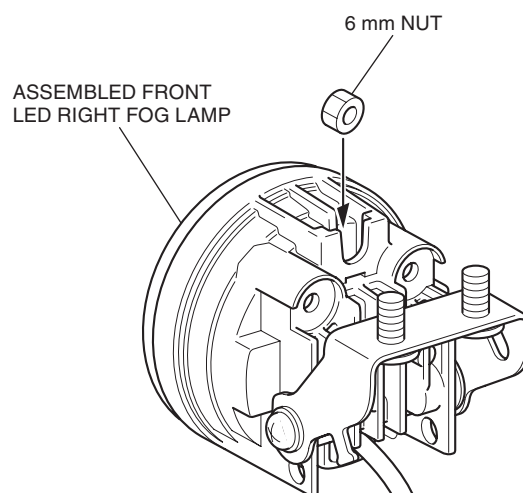
48. Install the flange collars to the left fog lamp bracket as shown.



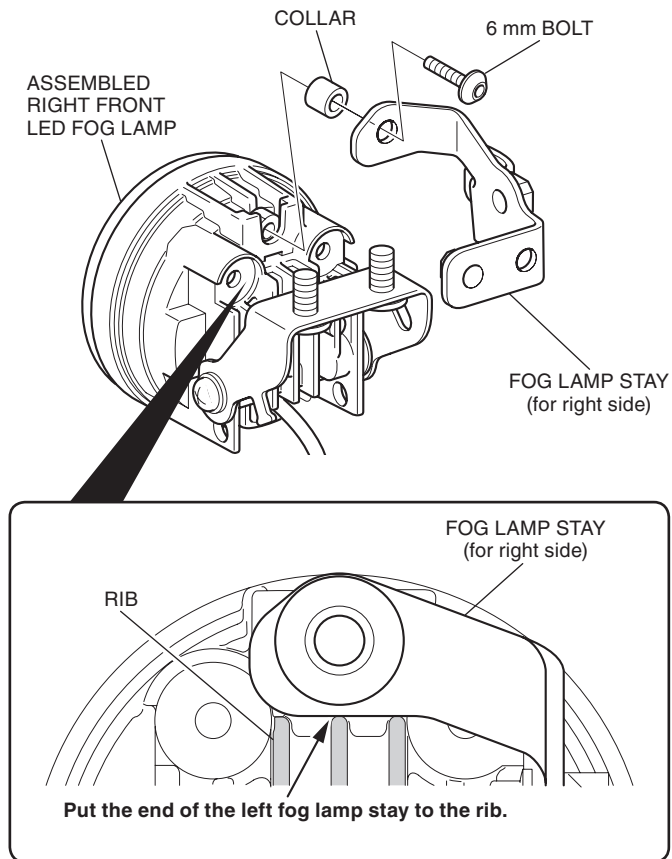
49. Loosely install the assembled fog lamp bracket (for right side) to the front LED fog lamp as shown.



50. Install the 6 mm nut to the front LED fog lamp as shown.

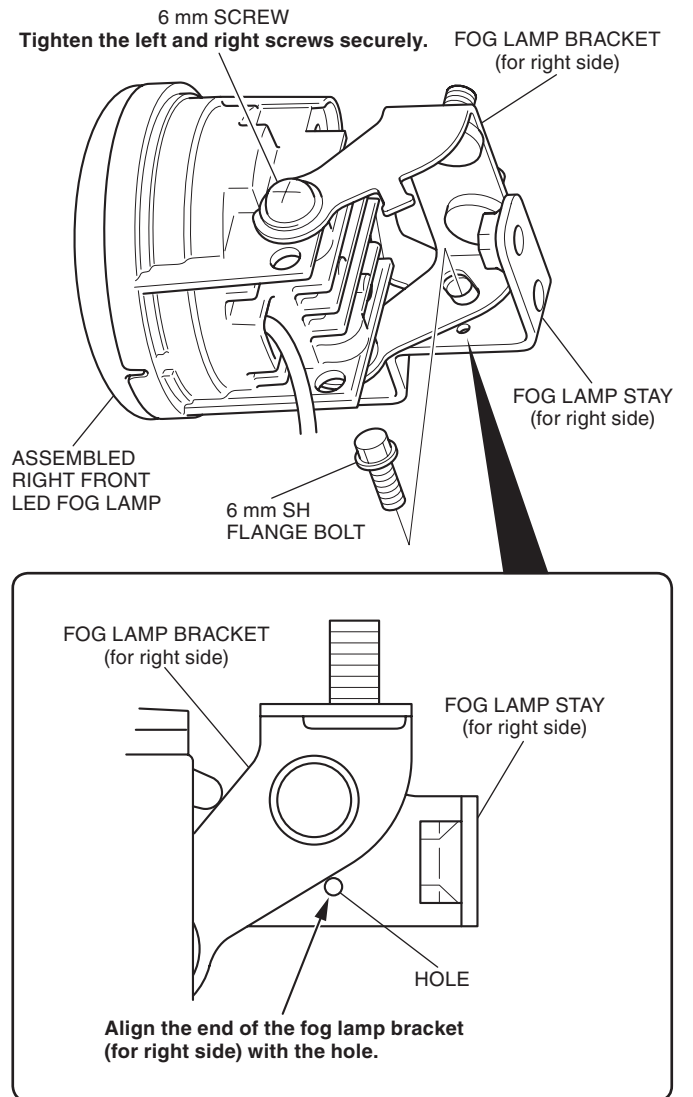


51. Install the fog lamp stay as shown.



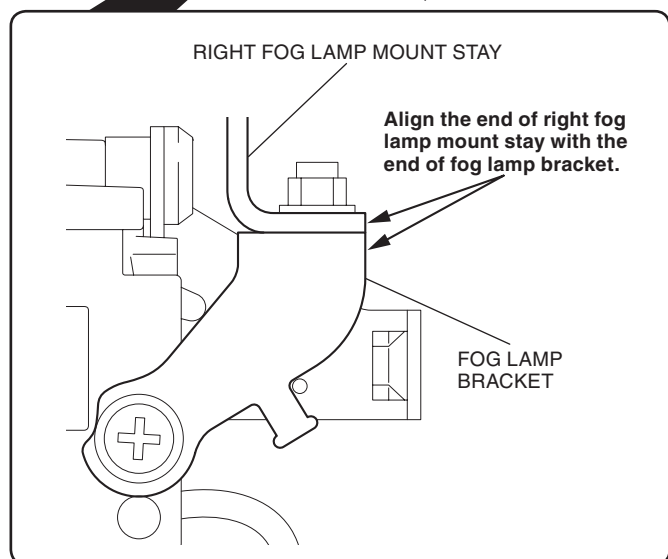
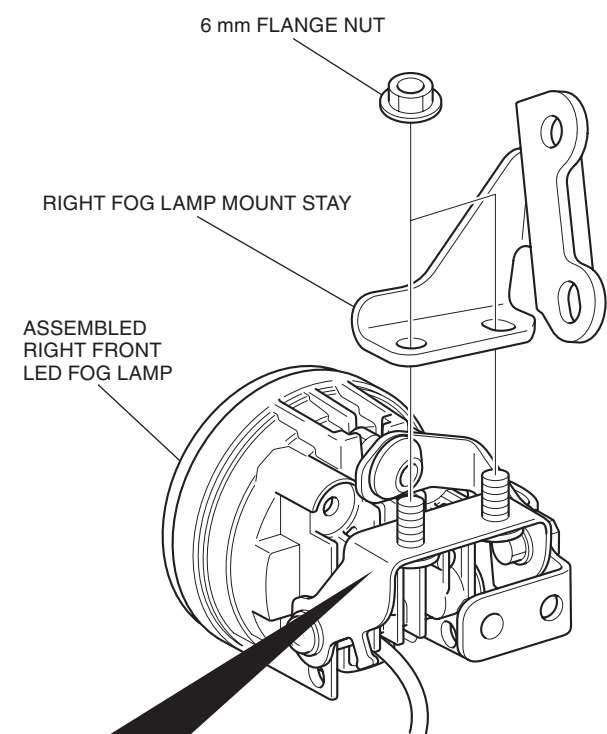
52. Secure the fog lamp bracket (for right side) and left fog lamp stay (for right side) as shown.

- To adjust the fog lamp aiming, loosen the 6 mm SH flange bolt and 6 mm screws.

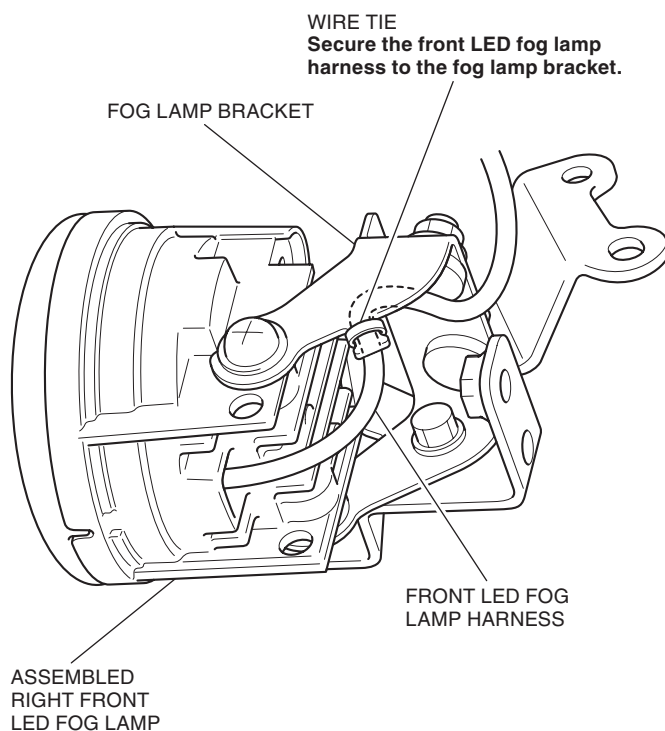


53. Install the right fog lamp mount stay as shown.

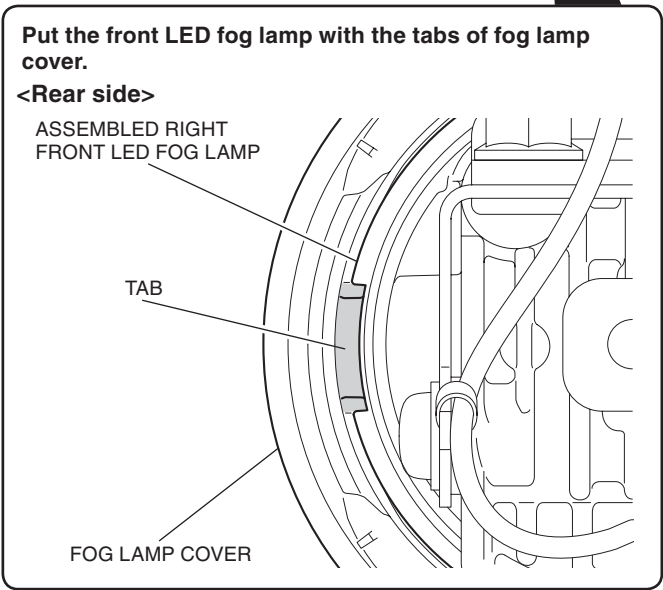
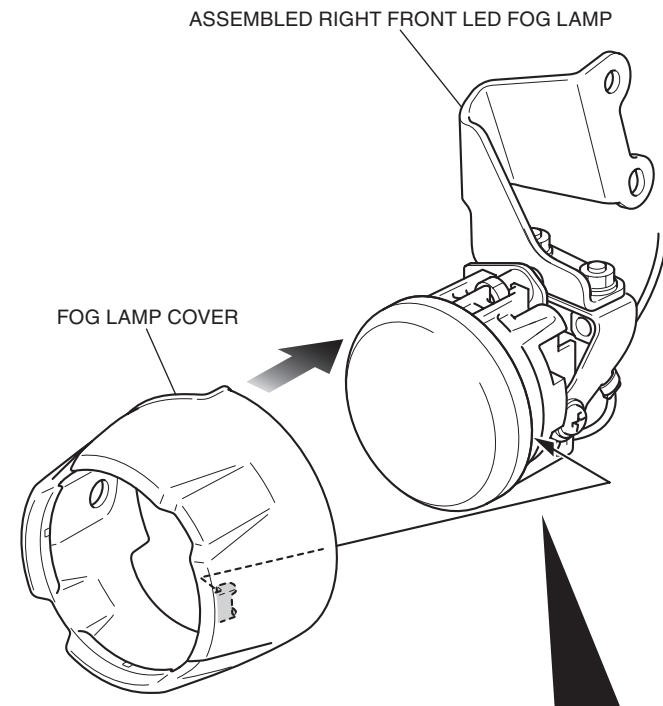
- **To adjust the fog lamp aiming, loosen the 6 mm flange nuts.**



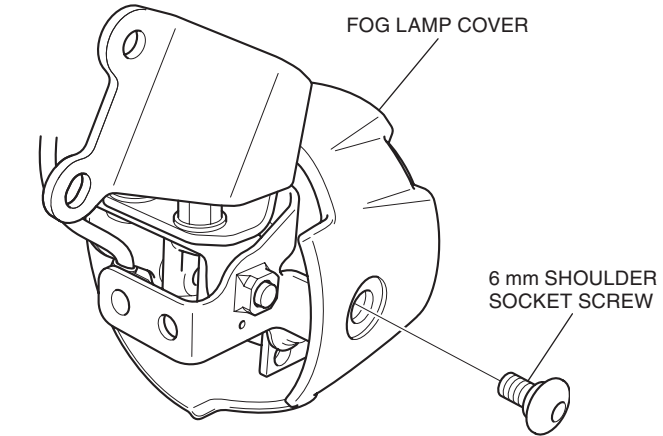
54. Secure the front LED fog lamp harness with the wire tie as shown.



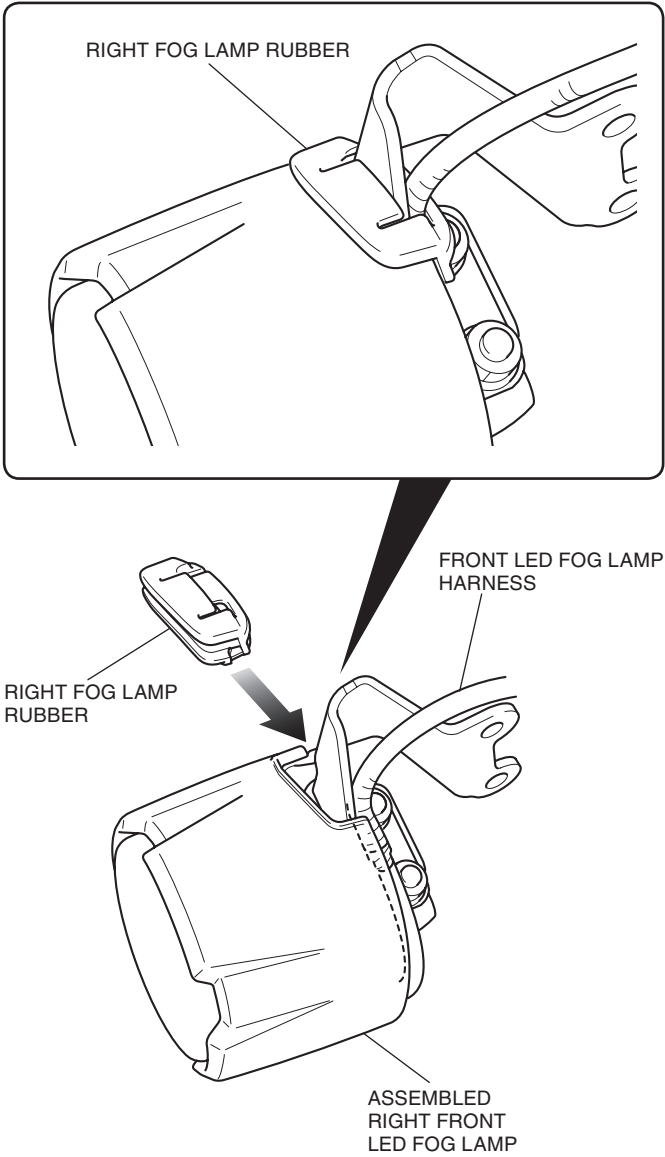
55. Install the fog lamp cover as shown.



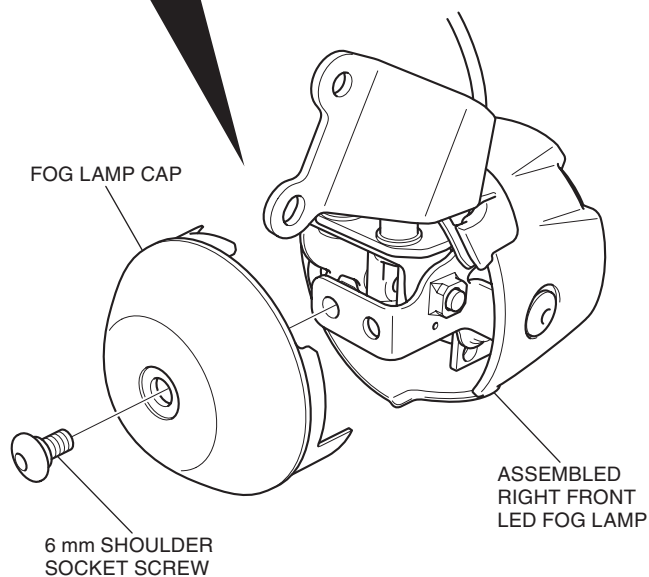
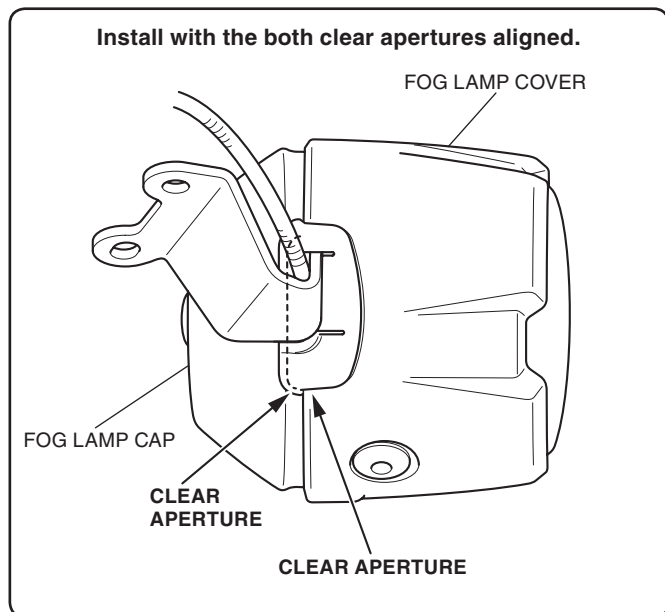
56. Secure the fog lamp cover as shown.



57. Route the front LED fog lamp harness as shown and install the right fog lamp rubber.

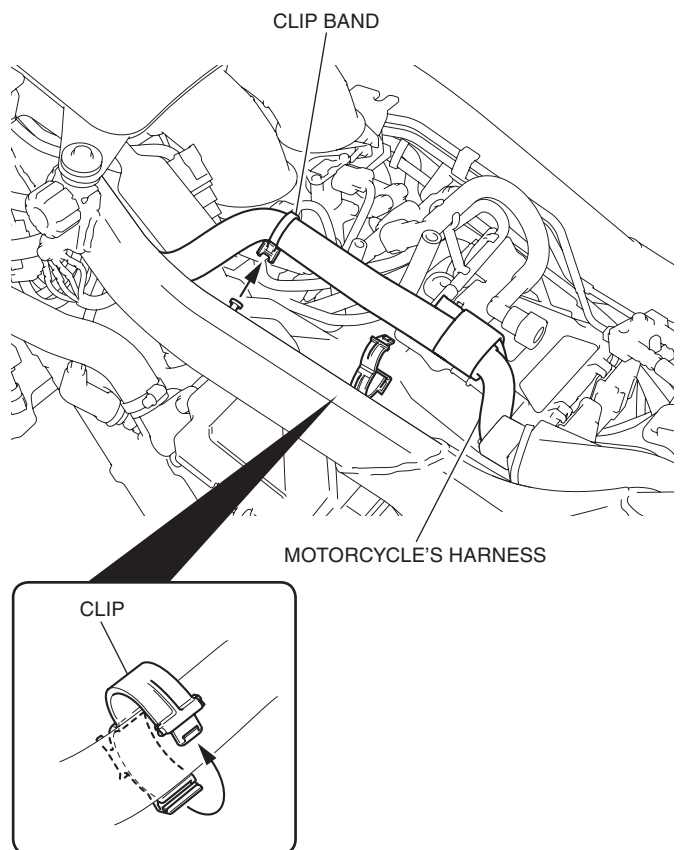


58. Install the fog lamp cap as shown.

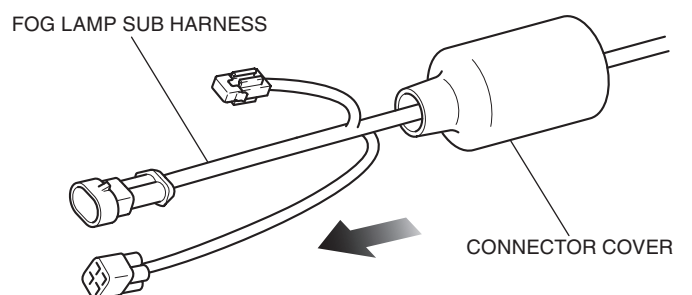


59. Assemble the left front LED fog lamp in the same manner.

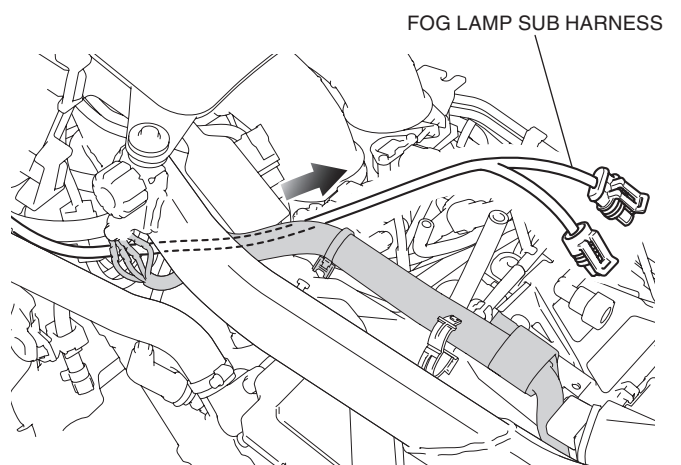
60. Remove the clip band as shown.



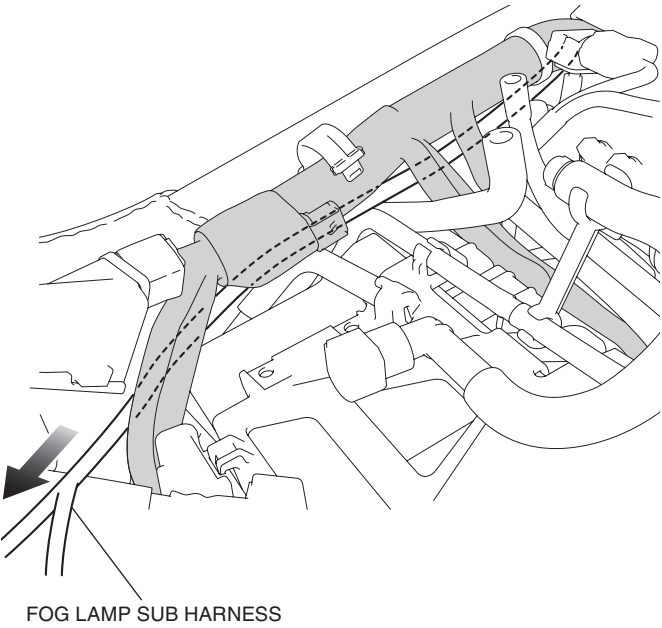
61. Pass the connector cover through the fog lamp sub harness.



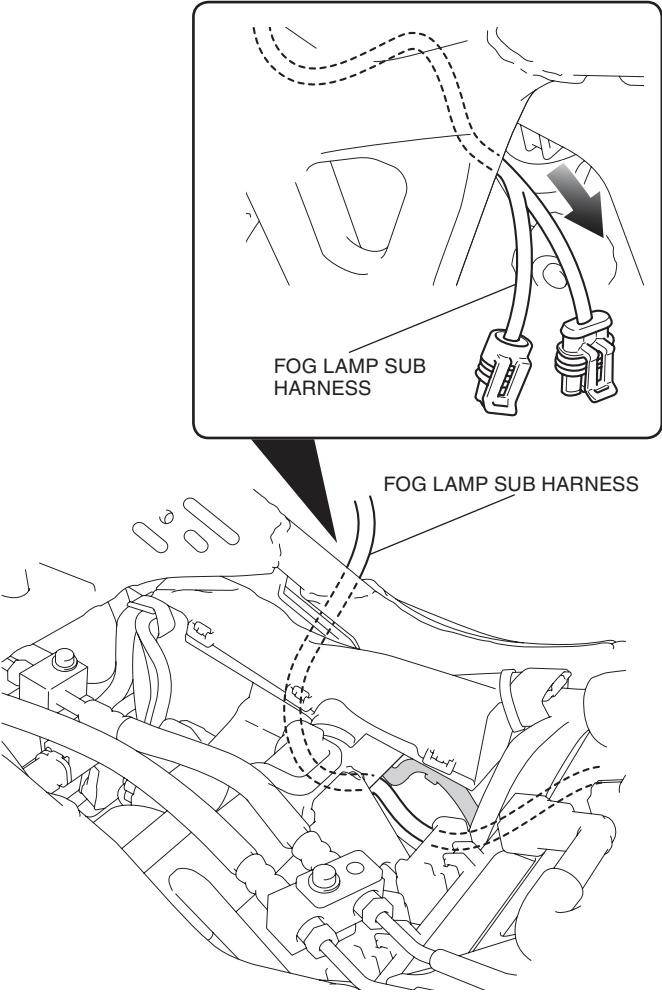
62. Route the fog lamp sub harness as shown.



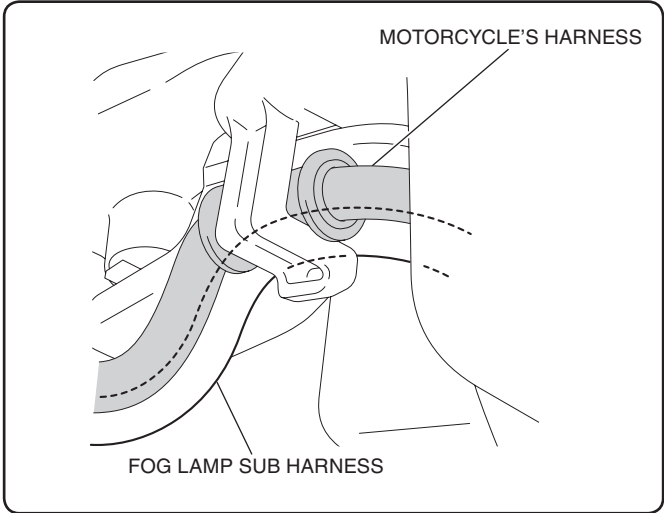
63. Rote the fog lamp sub harness as shown.



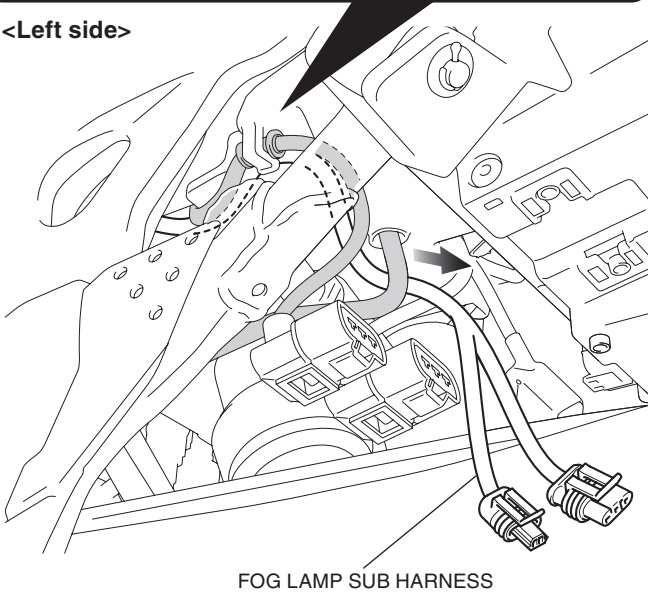
64. Rote the fog lamp sub harness as shown.



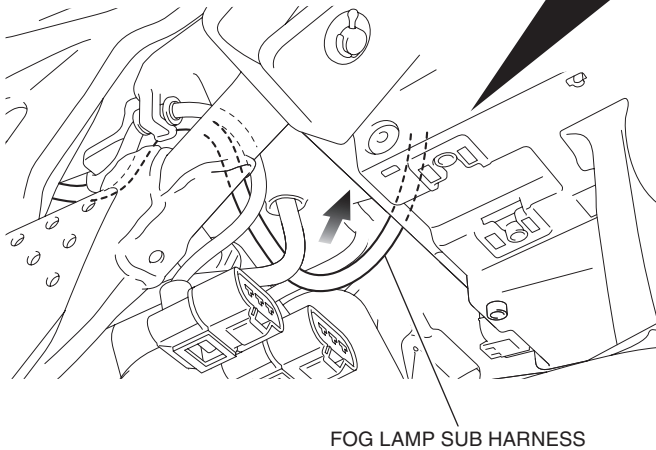
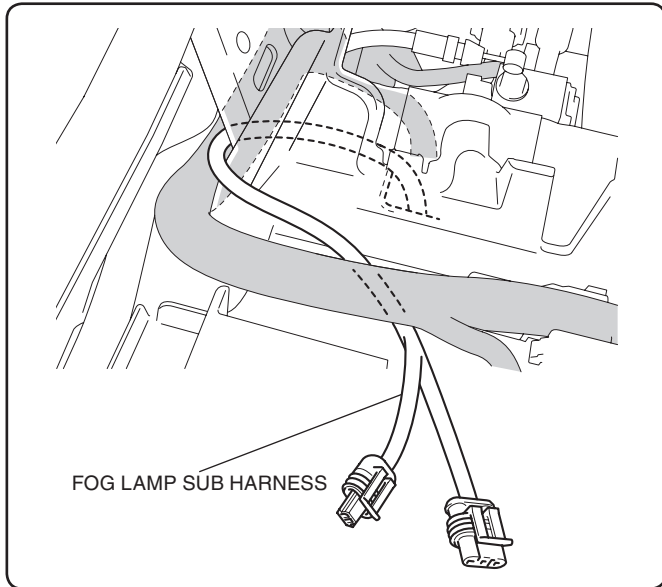
65. Route the fog lamp sub harness as shown.



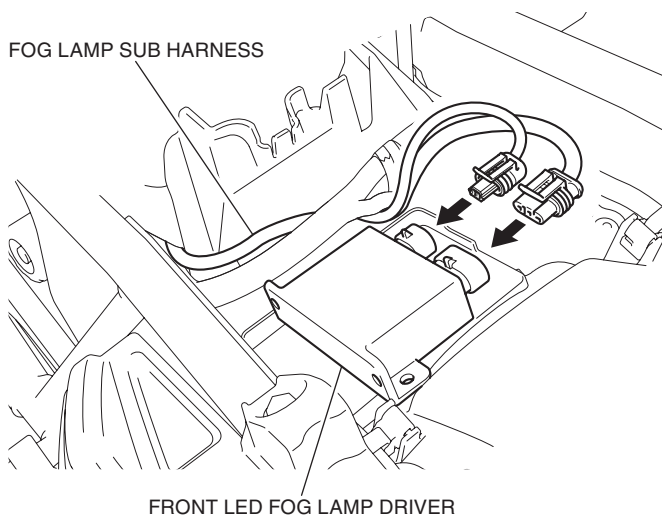
<Left side>



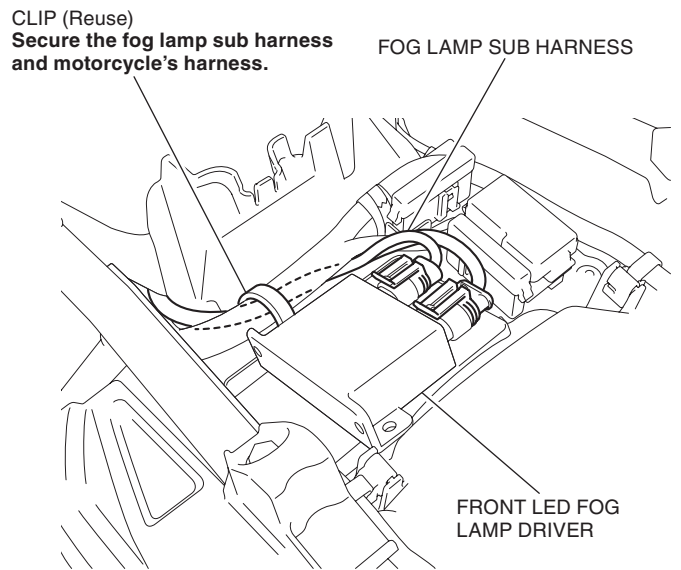
66. Route the fog lamp sub harness as shown.



67. Connect the fog lamp sub harness to the front LED fog lamp driver as shown.

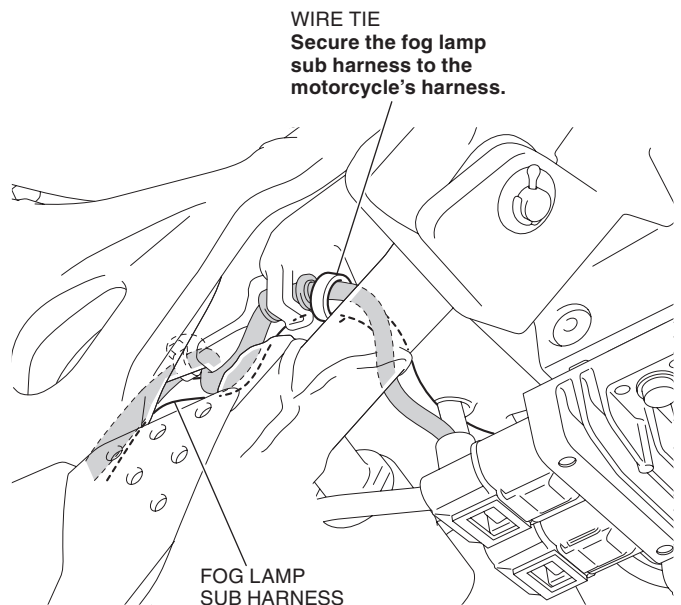


68. Install the fuses in the reverse order of removal and secure the fog lamp sub harness with the clip as shown.



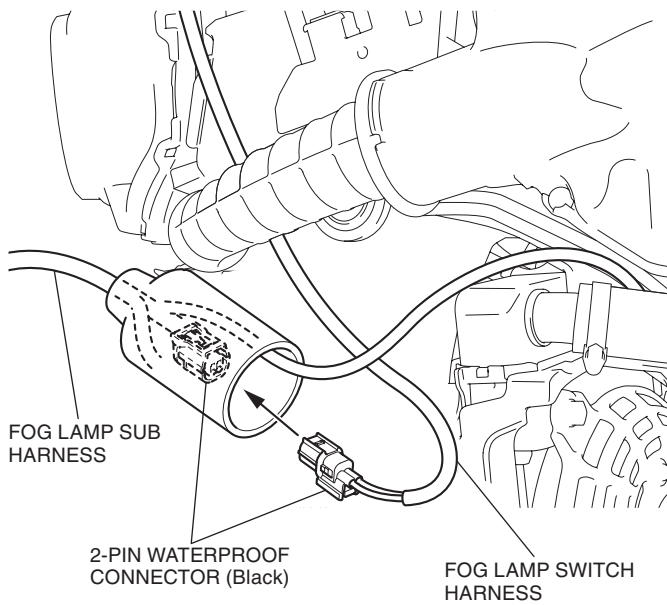
69. Install the regulator in the reverse order of removal and connect the connectors.

70. Secure the fog lamp sub harness with the wire tie as shown.



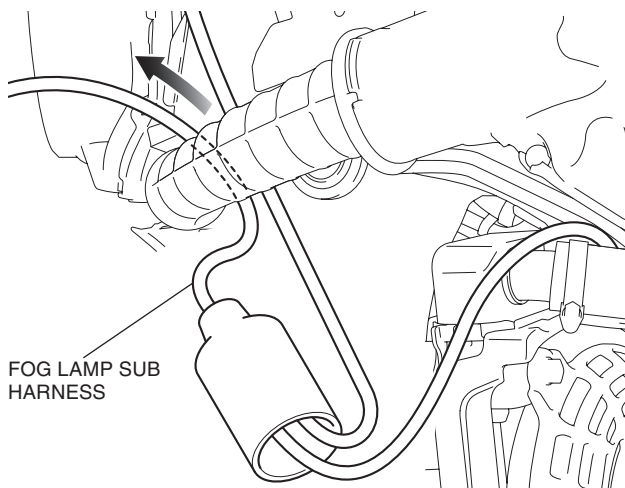
71. Connect the fog lamp switch harness as shown.

<Left side>

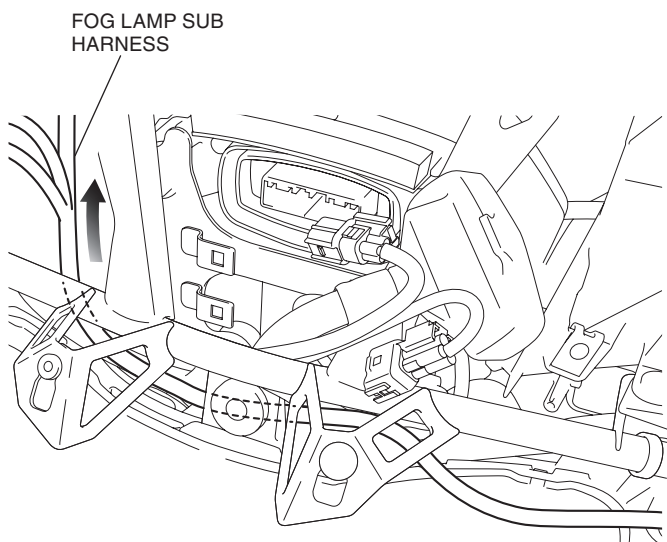


72. Route the fog lamp sub harness as shown.

<Left side>

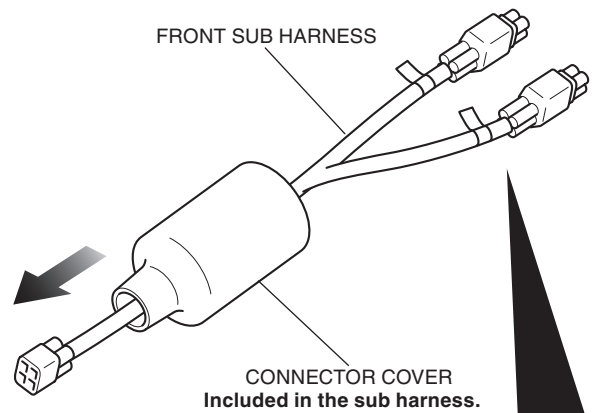


73. Route the fog lamp sub harness as shown.

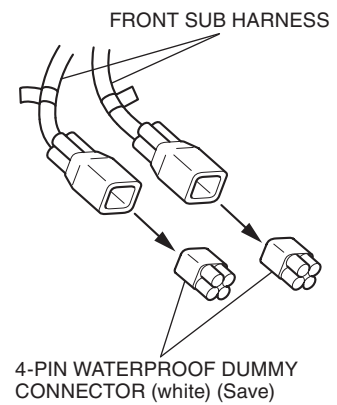


74. Pass the connector cover through the front sub harness.

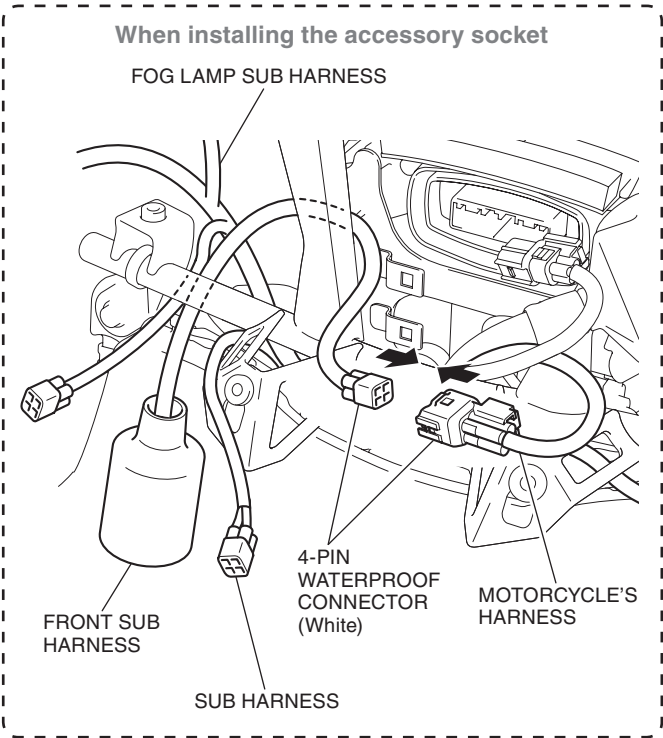
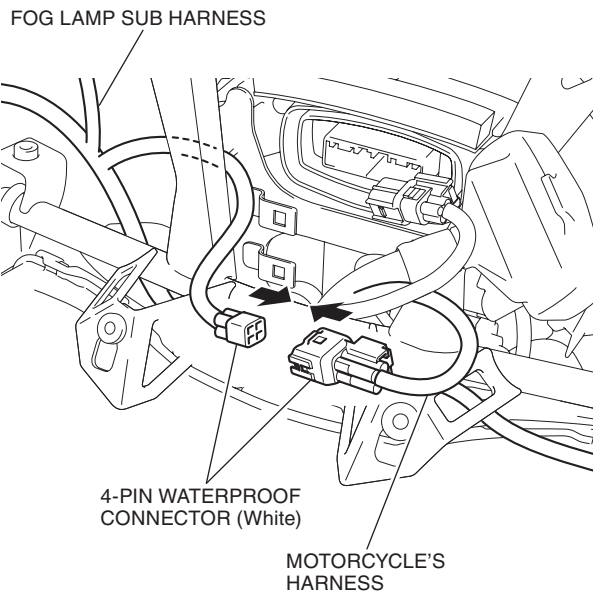
- Perform this step when attaching this accessory with the accessory socket at the same time.



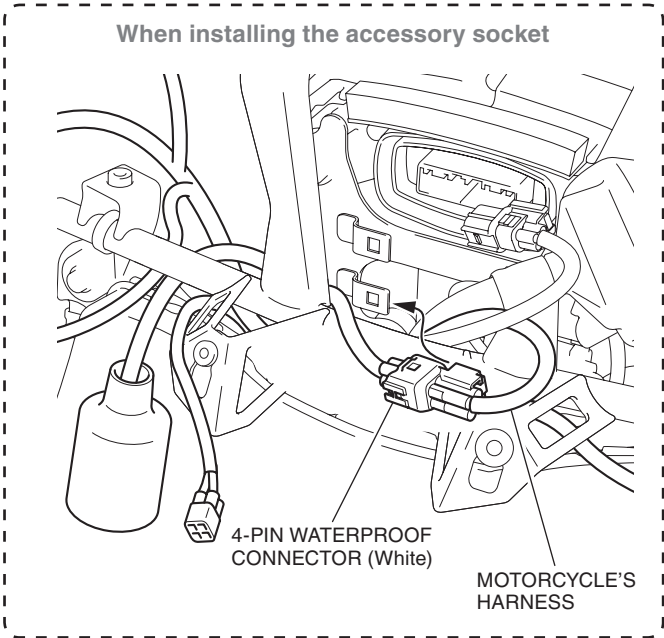
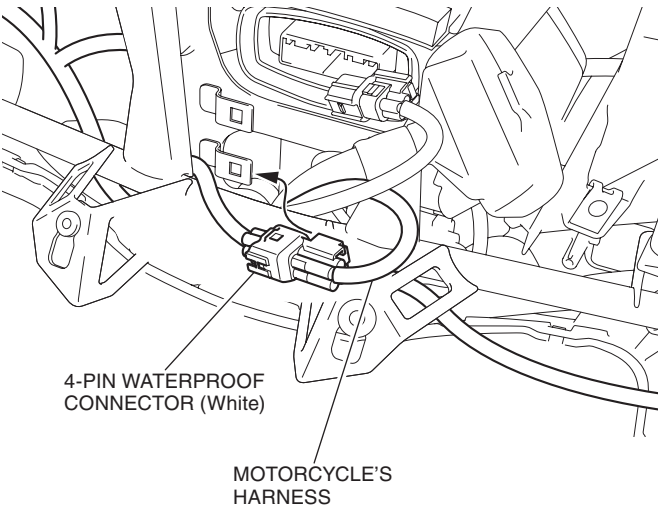
Remove the dummy connectors as shown.



75. Route and connect the fog lamp sub harness as shown.

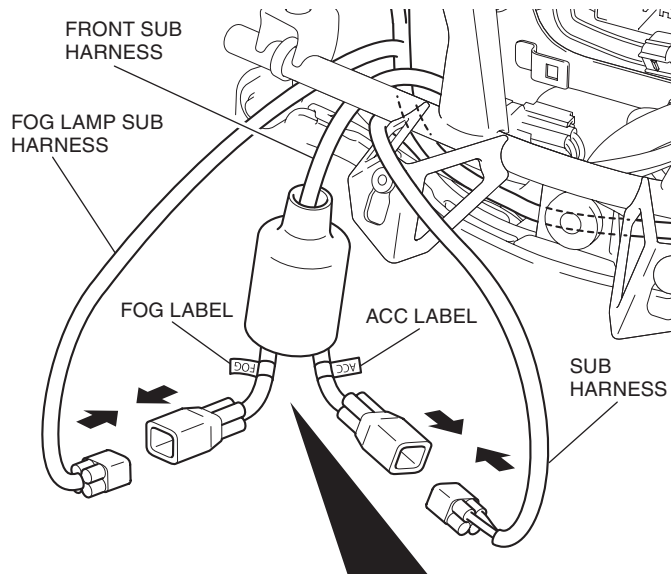


76. Secure the connector to the stay.

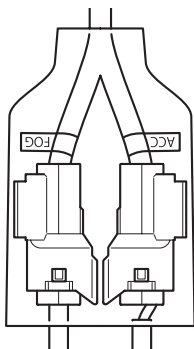


77. Connect the front sub harness.

- **Perform this step when attaching this accessory with the accessory socket at the same time.**



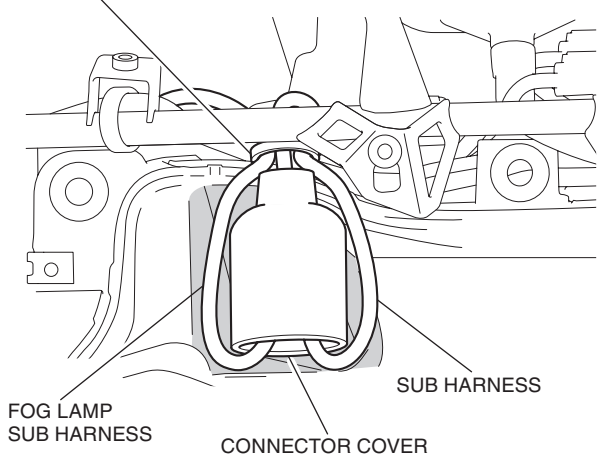
Store the connectors that you just connected in the connector cover.



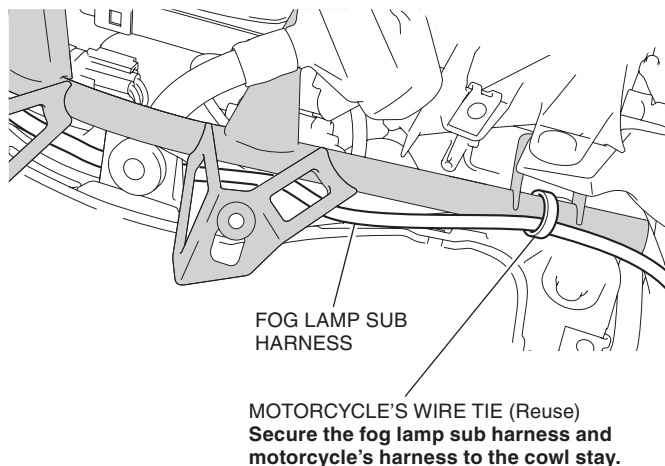
78. Store the connector cover in the indicated position.

- **Perform this step when attaching this accessory with the accessory socket at the same time.**

WIRE TIE (Included in the sub harness.)
Secure the fog lamp sub harness and sub harness to the front sub harness.

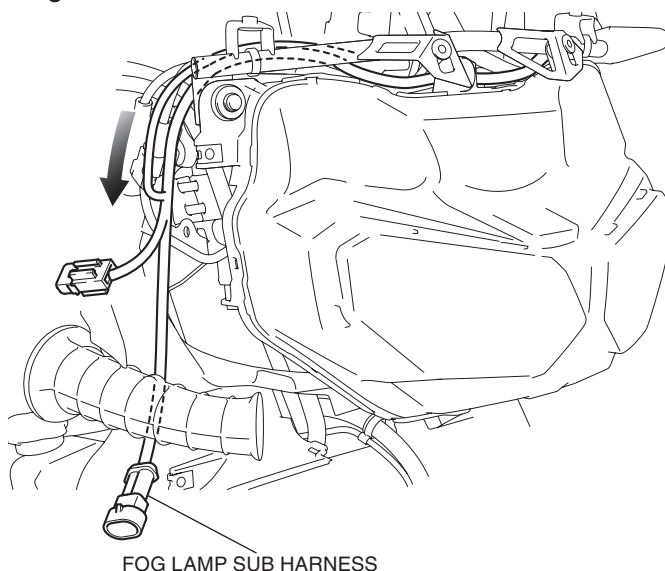


79. Secure the fog lamp sub harness with the wire tie as shown.



80. Route the fog lamp sub harness as shown.

<Right side>

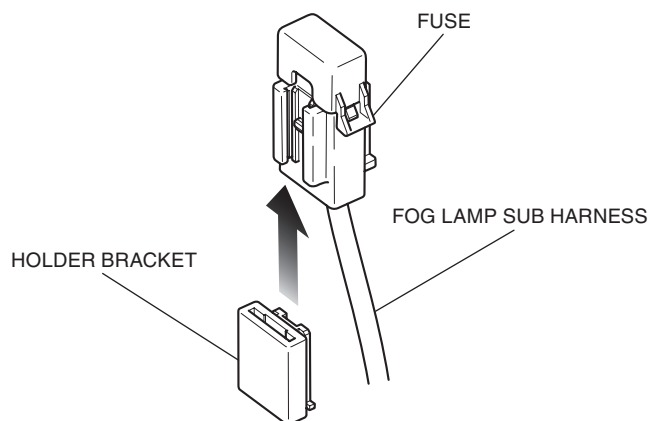


81. Install the right inner panel cover in the reverse order of removal.

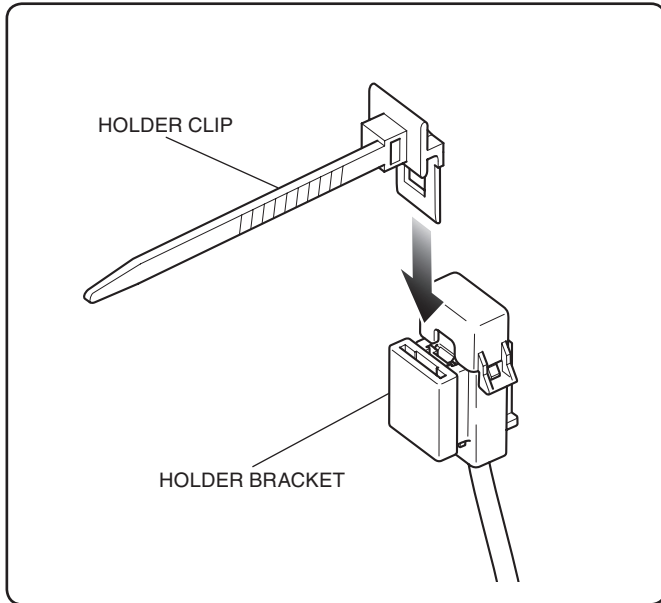
- **Confirm that any wire harness is not caught or too tight.**

82. Install the 2-pin or 4-pin waterproof connector (Black) to the stay in the reverse order of removal.

83. Install the holder bracket to the fuse as shown.



84. Secure the fuse as shown.



HOLDER CLIP
Secure to the harness.

FUSE

CONNECTED 4-PIN
WATERPROOF
CONNECTOR'S HARNESS

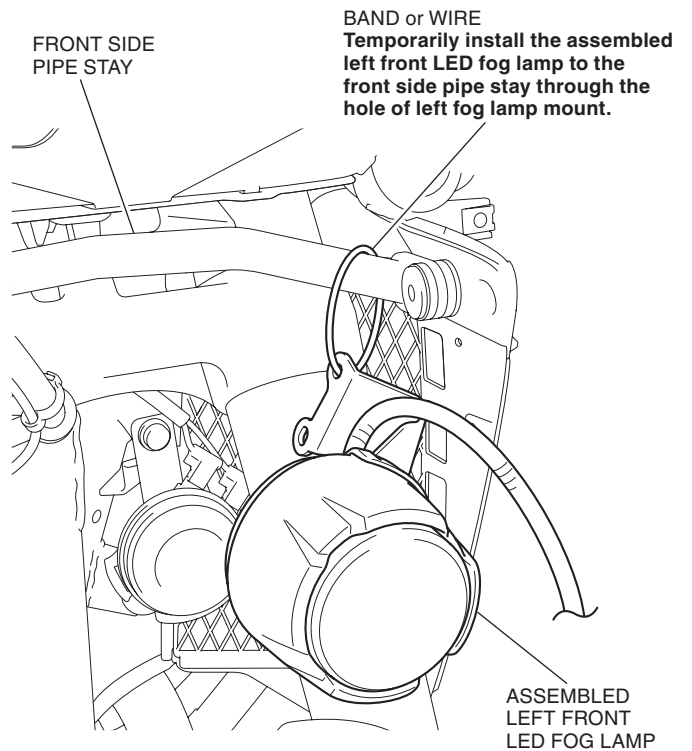
FOG LAMP SUB HARNESS

85. Loosely install the front side pipe stay and lower cross pipe.

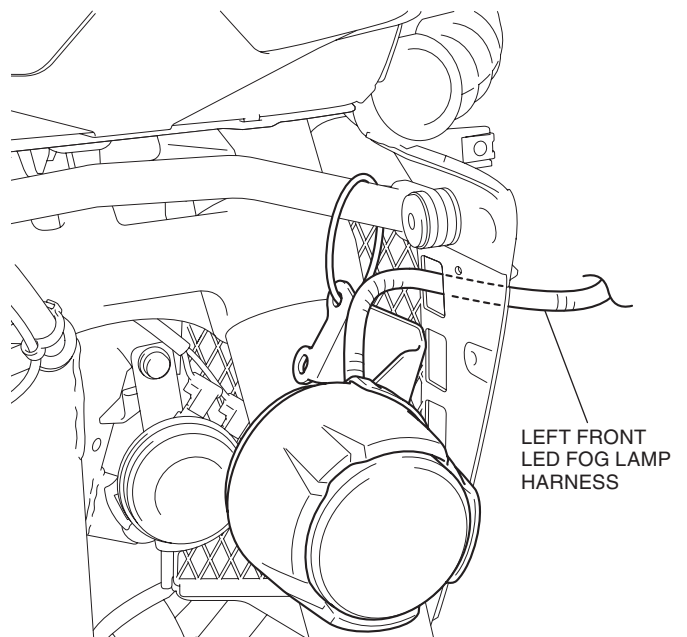
- **Perform the step 1 to 8 on the front side pipe (sold separately) installation instructions.**

86. Temporarily install the left front LED fog lamp to the front side pipe stay.

<Left side>



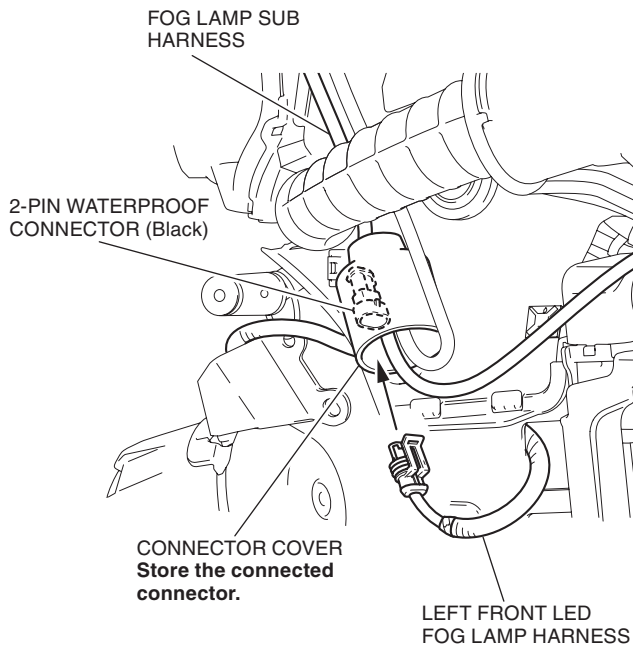
87. Route the left front LED fog lamp harness as shown.



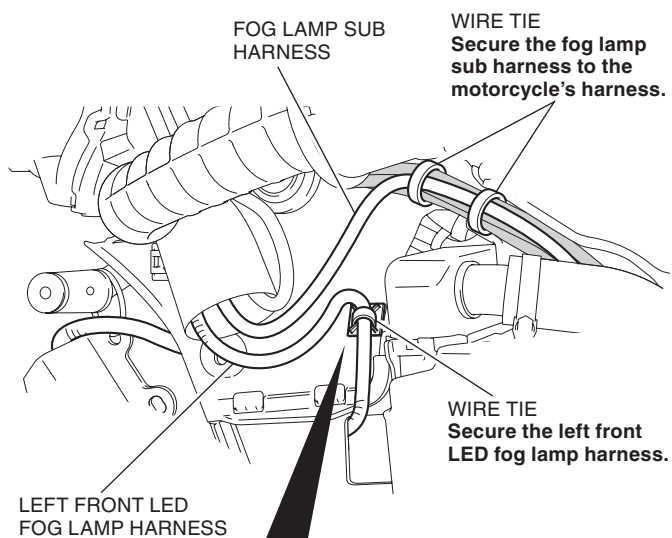
88. Temporarily install the right front LED fog lamp and route the harness in the same manner.

89. Connect the left front LED fog lamp harness as shown.

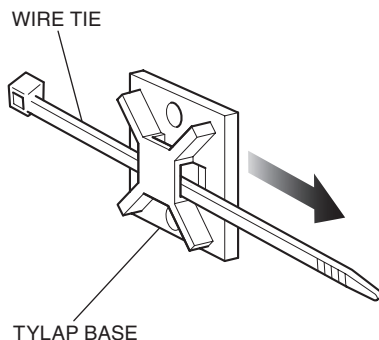
<Left side>



90. Secure the fog lamp sub harness and left front LED fog lamp harness with the wire ties as shown.

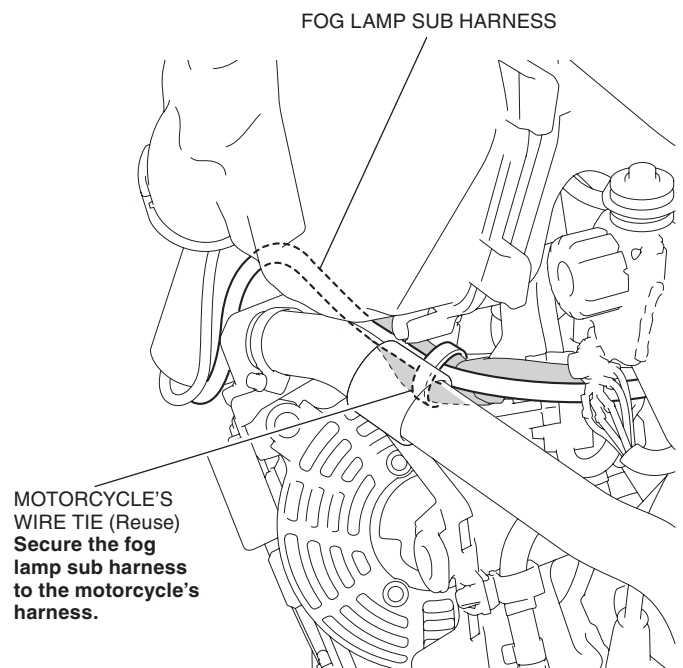


Pass the wire tie through the tylap base.

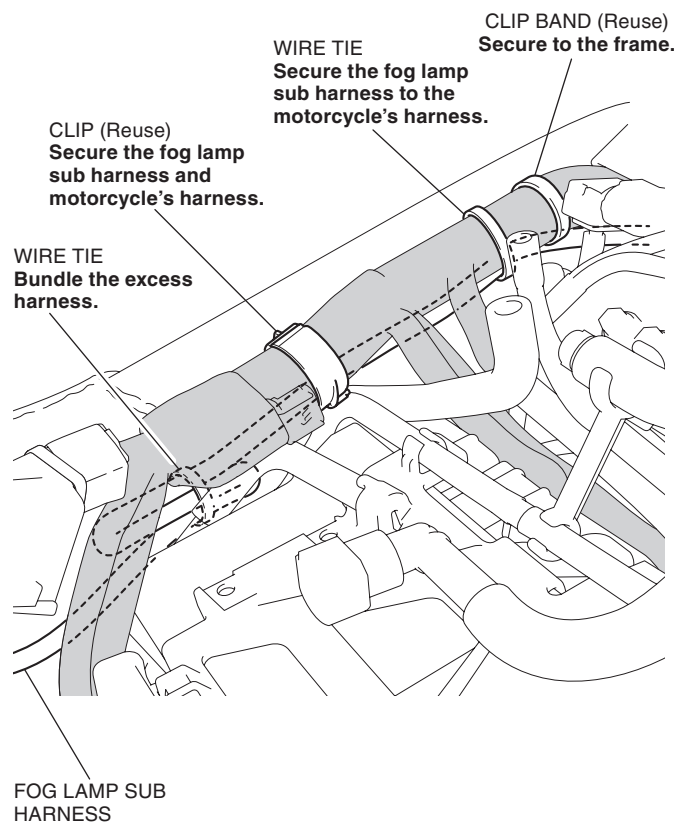


91. Secure the fog lamp sub harness with the wire tie as shown.

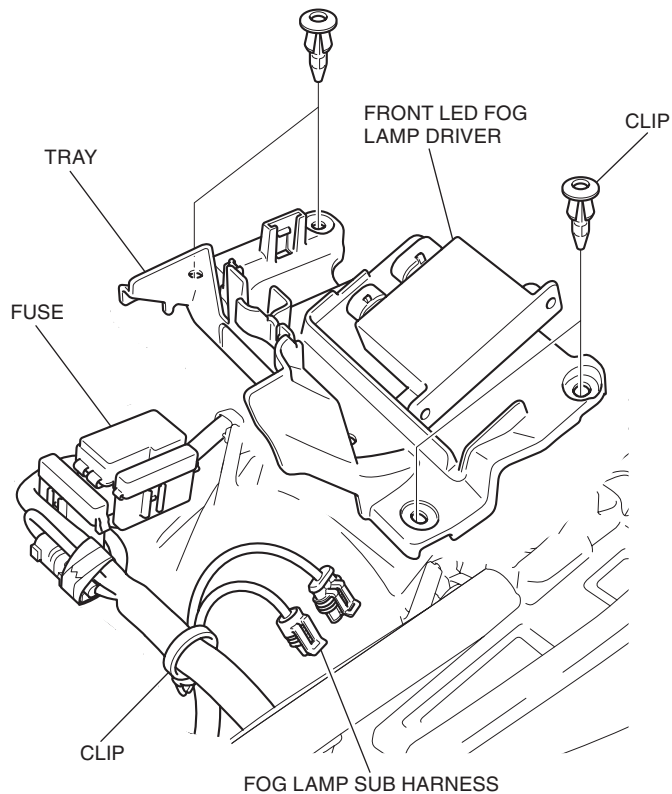
<Left side>



92. Secure the fog lamp sub harness with the wire ties as shown.



93. Remove the fog lamp sub harness from the LED fog lamp driver, and then remove the clip, tray and fuse as shown.



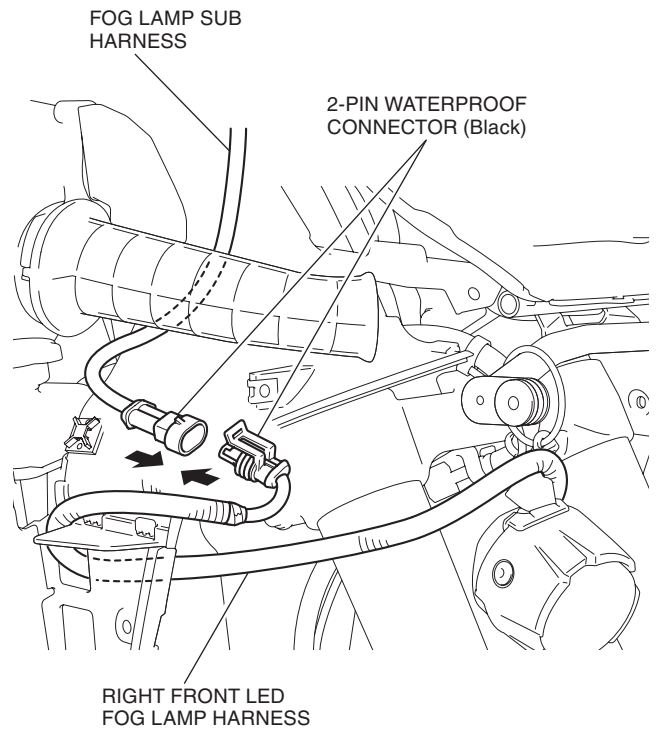
94. Install the fuel tank in the reverse order of the removal.

- **Check that the tube and hose are not caught or collapsed.**

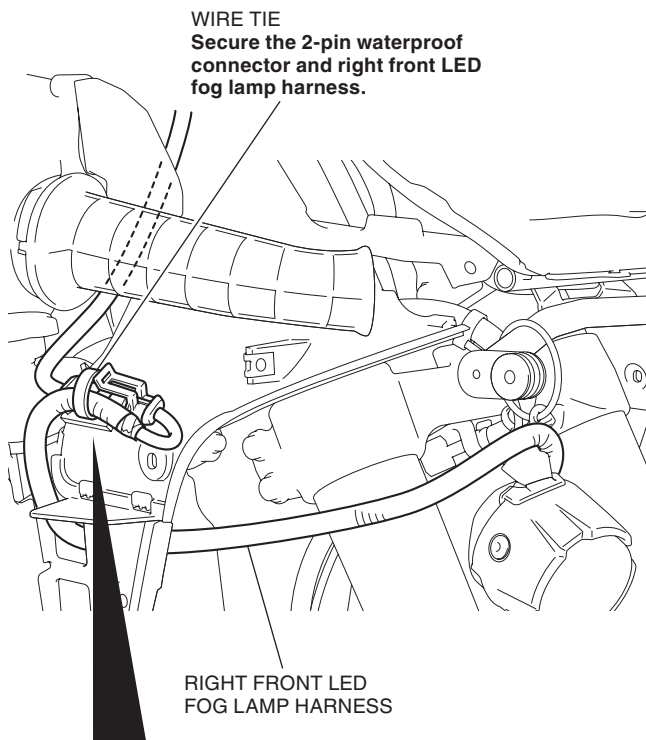
95. Install the removed clip, tray and fuse, and then connect the fog lamp sub harness to the LED fog lamp driver.

96. Connect the right front LED fog lamp harness as shown.

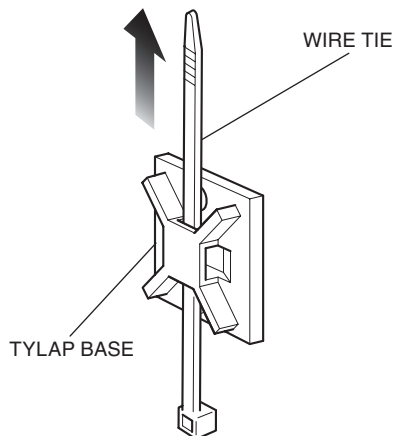
<Right side>



97. Secure the connector and right front LED fog lamp harness with the wire tie as shown.



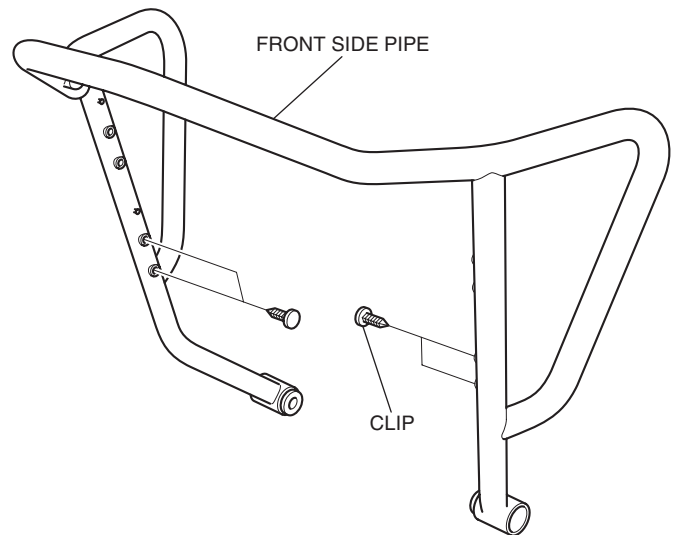
Pass the wire tie through the tylap base.



98. Install the tank front cover, front cover, right and left middle cowl and front spoiler in the reverse order of removal.

- **Confirm that any wire harness is not caught or too tight.**

99. Install the clips as shown.



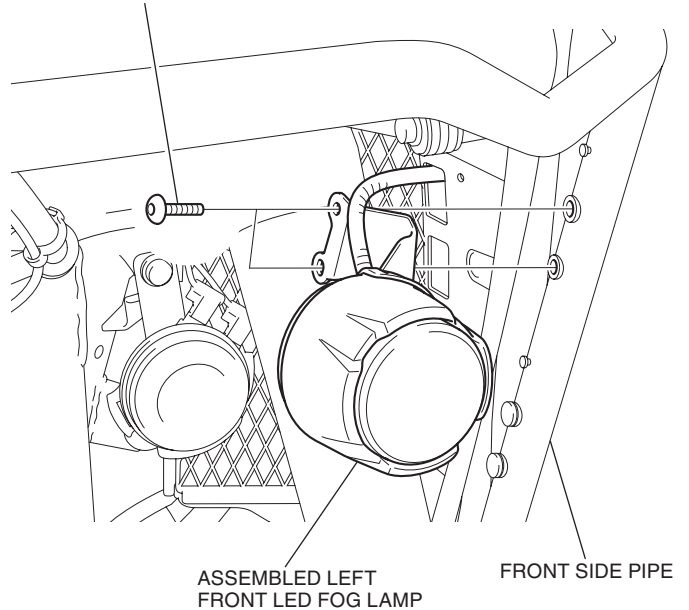
100. Install the front side pipe.

- **Perform the step 10 to 15 on the front side pipe (sold separately) installation instructions.**

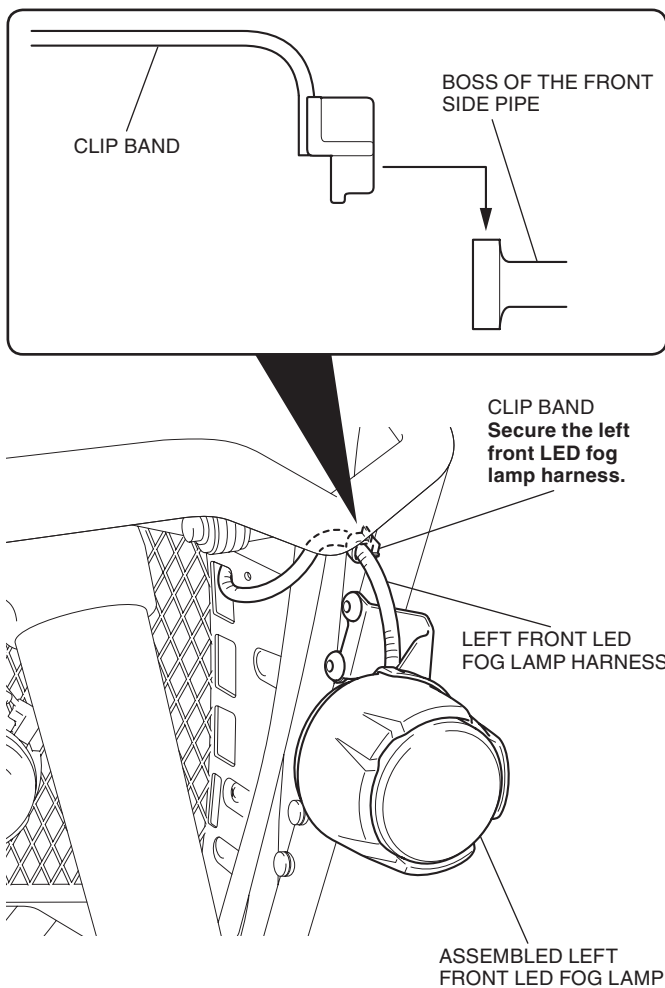
101. Remove the temporary fixed assembled left front LED fog lamp and attach it to the front side pipe as shown.

<Left side>

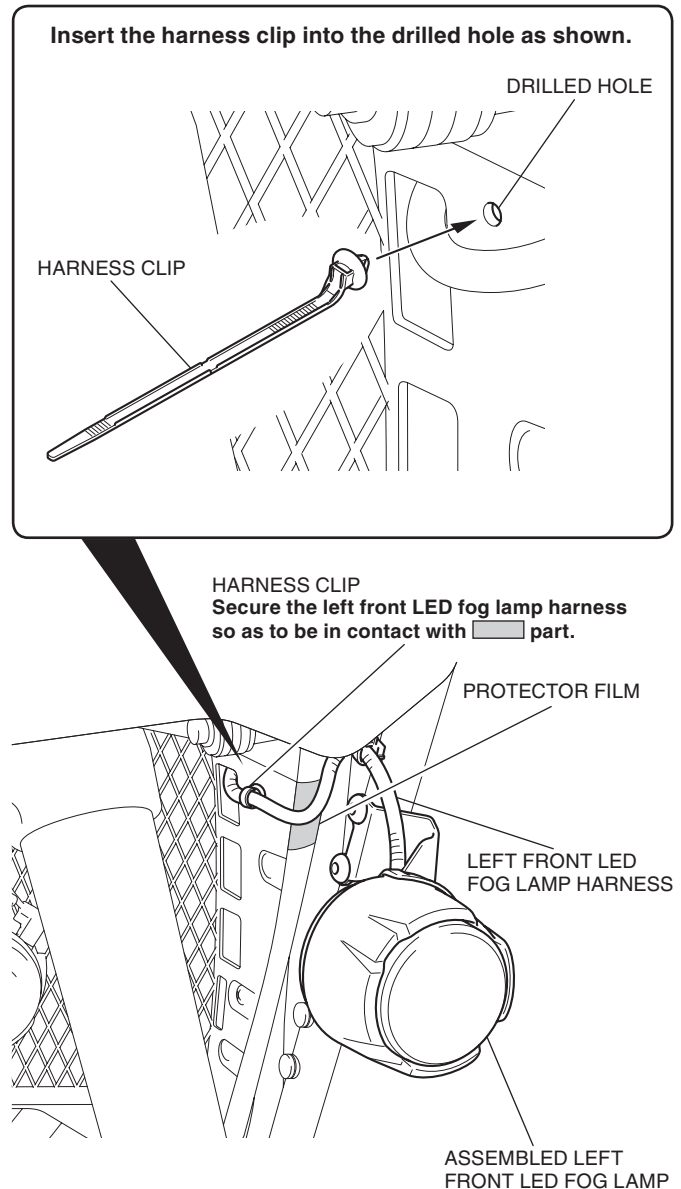
6 mm SOCKET SCREW



102. Secure the left front LED fog lamp harness with the clip band as shown.



103. Secure the left front LED fog lamp harness with the harness clip as shown.



104. Install the right front LED fog lamp and secure the right front LED fog lamp harness in the same manner.

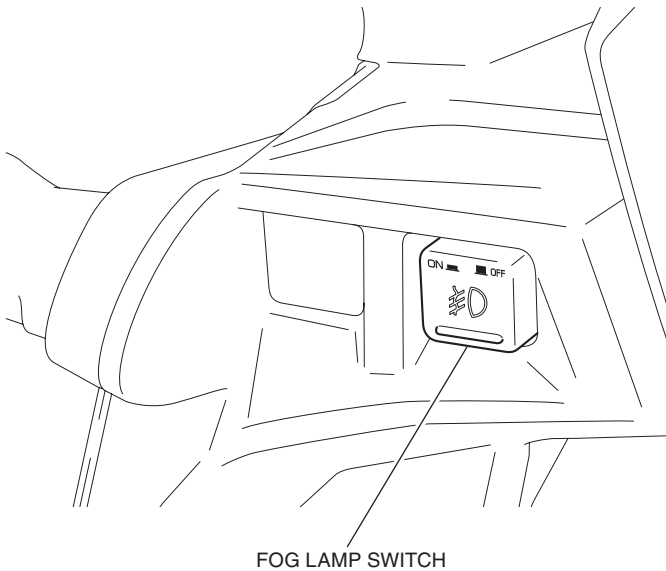
105. Install the motorcycle's parts in the reverse order of removal.

- **Confirm that any wire harness is not caught or too tight.**

106. Check the fog lamp, headlight and the other lights for proper operation.

ADJUSTING THE FOG LAMP AIMING

1. Place the motorcycle on a level surface, 5 m away from the aiming screen. Turn on the fog lamps.
 - When the main switch is ON and the fog lamp switch is pressed, a fog lamp lights up.
 - When the fog lamp switch is pressed again, the fog lamp is turned off.



2. Measure the mounting height of the fog lamp from the floor.
3. Aim the fog lamps so that the cut-off line of the light pattern on the aiming screen is the same distance above the floor as the fog lamp mounting height.

