

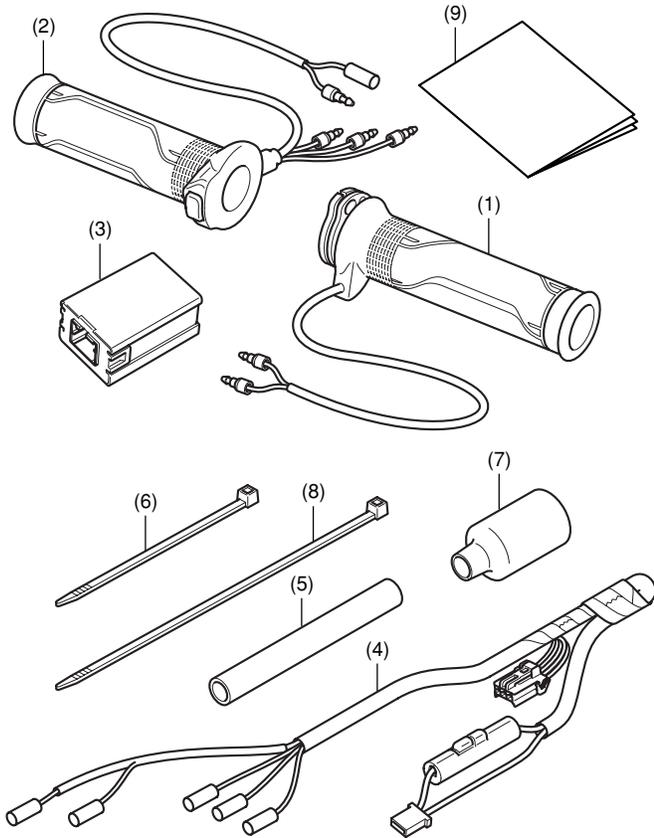


INSTALLATION INSTRUCTIONS

Accessory HEATED GRIPS P/N 08T50-MGE-101	Application VFR1200F VFR1200FD	Publications No. MII 13086
		Issue Date Revised April 2010

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

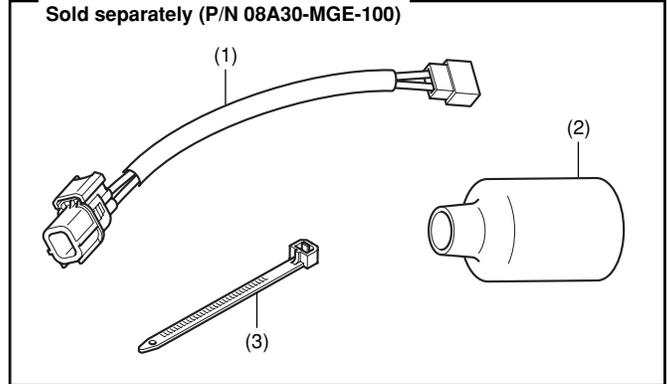
PARTS LIST



No.	Description	Qty
(1)	Right heated grip	1
(2)	Left heated grip	1
(3)	Controller	1
(4)	Heated grip harness	1
(5)	Tube	2
(6)	Wire tie (short)	7
(7)	Harness boot	1
(8)	Wire tie (long)	2
(9)	Operation Manual	1

SUB HARNESS

Sold separately (P/N 08A30-MGE-100)



No.	Description	Qty
(1)	Sub harness	1
(2)	Harness boot	1
(3)	Wire tie (wide)	1

TOOLS AND SUPPLIES REQUIRED

- Flat-tip screwdriver
- Side cutters
- Marker
- Ruler
- Electrical tape
- Pro Honda Handgrip Cement (P/N 08712-0001)
- Thread lock
- Grease
- Isopropyl alcohol
- Shop towel
- Torque wrench

TORQUE CHART

Refer to the Service Manual for the torque values of the removed parts.

USE AND CARE INFORMATION

- Check the accessory mounts frequently and retighten if necessary.
- Use only a 5A replacement fuse in this accessory harness. Do not use any other fuse for replacement.

INSTALLATION

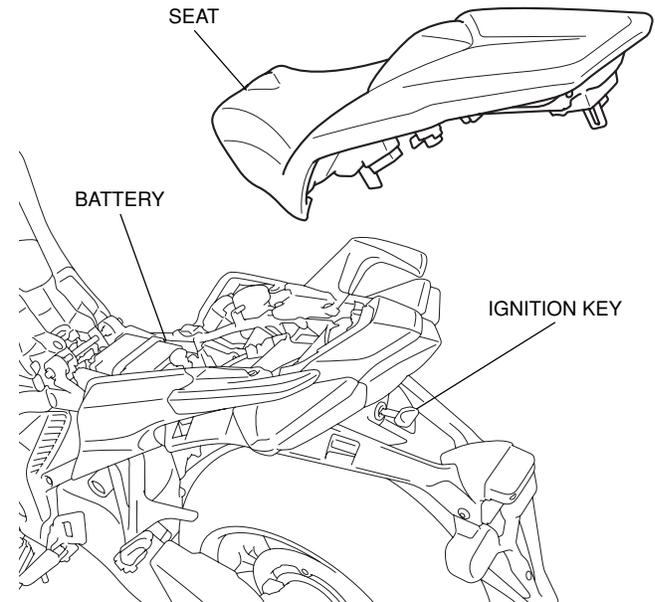
NOTE:

- Sub harness (P/N 08A30-MGE-100) must be installed prior to installation of this accessory.
- Installation of this accessory together with the Accessory Socket (P/N 08V70-MGE-100) is not possible.
- To prevent a blown fuse, disconnect the negative cable from the battery before installing this accessory.
- The memories of the tripmeter and clock will be erased when you disconnect the battery. Reset the clock after reconnecting the battery.
- Disconnect the throttle cables from the right grip as instructed in the motorcycle's Service Manual.
- For secure adhesion of the heated grip use the recommended adhesive agent (Pro Honda Handgrip Cement) or equivalent.
- Reinstall the removed parts on the motorcycle and make sure that the wires and harnesses are not pinched.
- After heated grip installation, check the lights (e.g. right / left turn signal lights and brake lights) for proper operation.
- Be sure to open and close the throttle to check for smooth operation after installation of the right heated grip.
- 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.

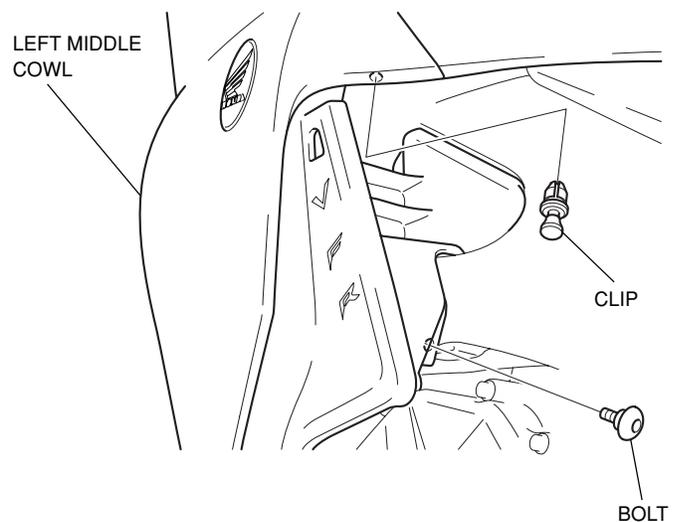
CAUTION:

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

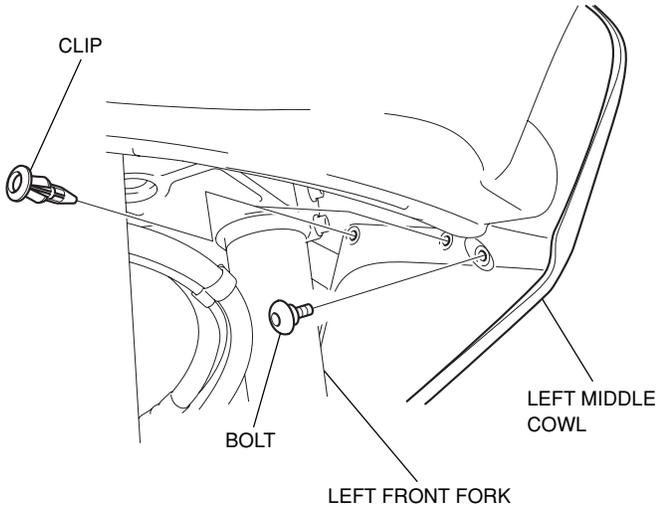
1. Use the ignition key to unlock the seat. Remove the seat and disconnect the negative cable from the battery.



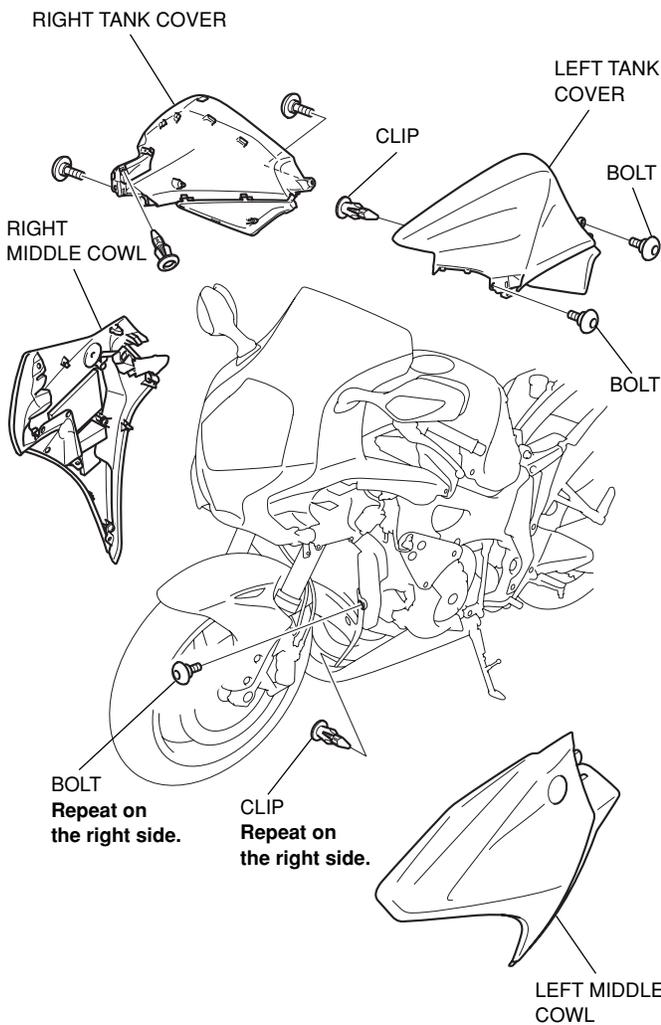
2. Remove the clip and bolt as shown.
 - **Repeat on the right side.**



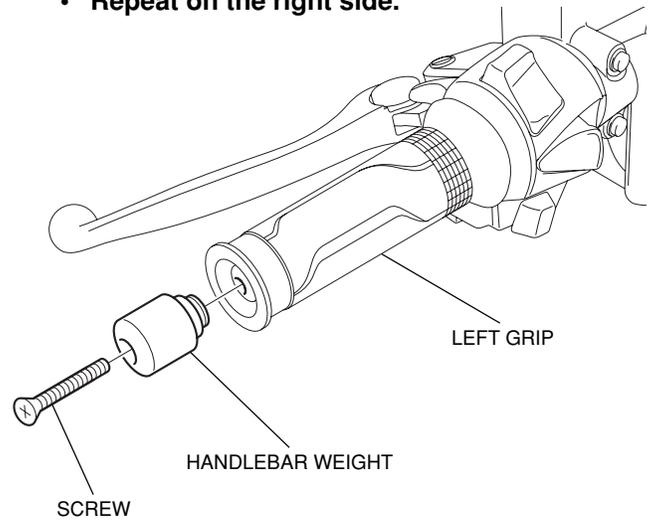
3. Remove the clips and bolt as shown.
- Repeat on the right side.



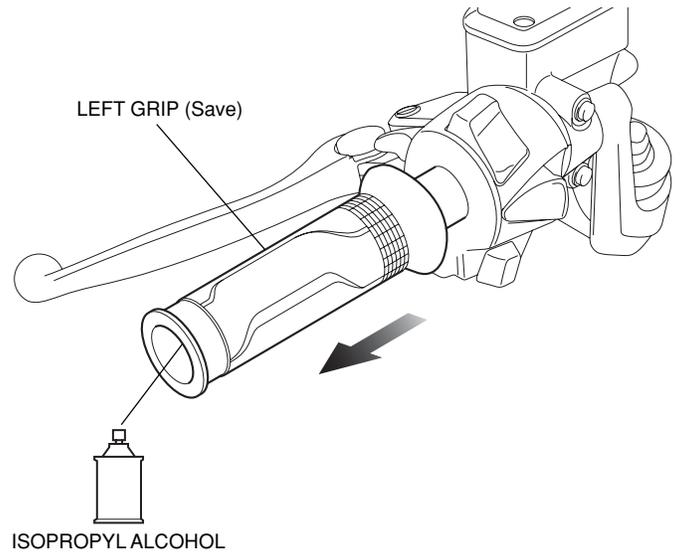
4. Using the procedures in the Service Manual for the motorcycle, remove the tank covers and middle cowls.



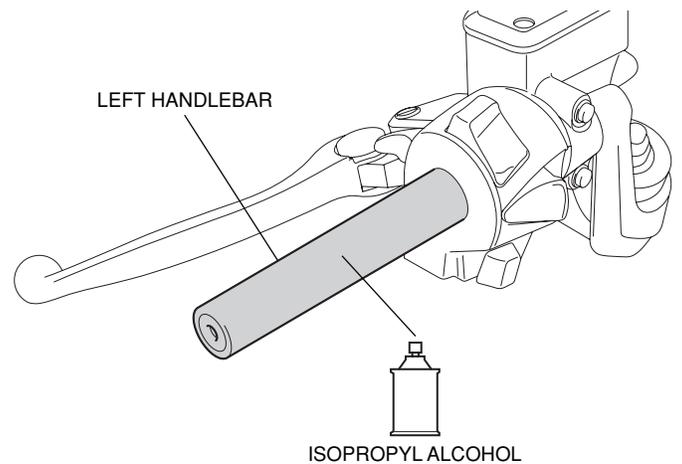
5. Remove the handlebar weight from the motorcycle's left grip as shown.
- Repeat on the right side.



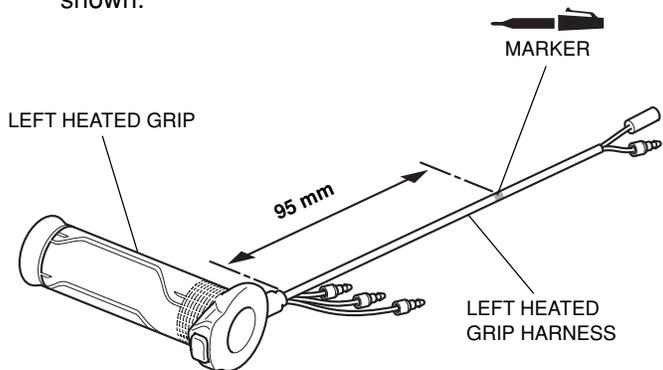
6. Remove the left grip as shown.



7. Using a isopropyl alcohol, remove all traces of adhesive from the left handlebar.



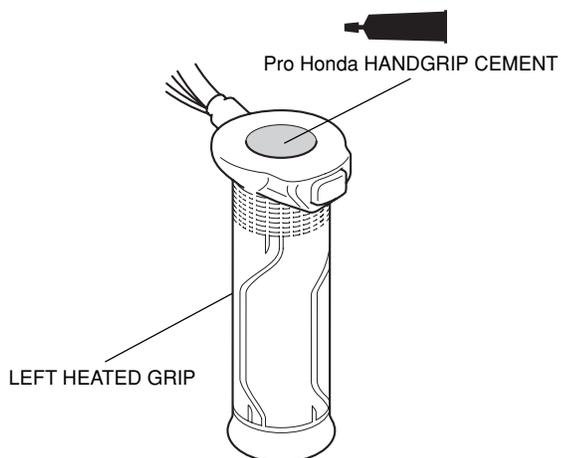
8. Mark the left heated grip harness in the position shown.



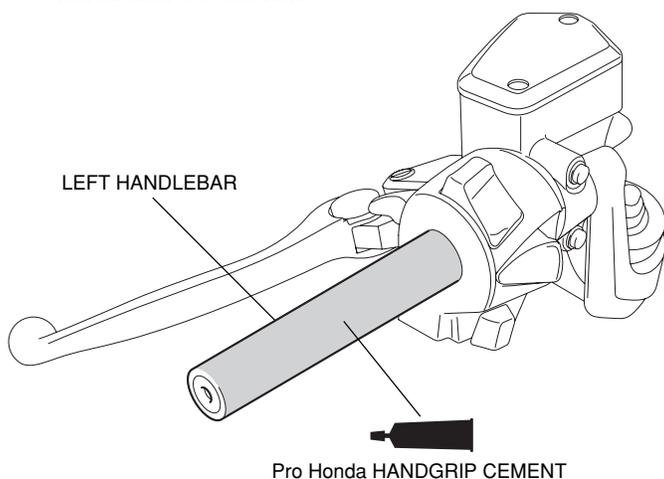
9. Liberally apply the Honda handgrip cement to the inside of the left heated grip from the kit as shown.

NOTE

Read the Instructions of the steps 9 through 12 carefully before installation and complete the operations quickly before the adhesive cures. Use an assistant to steady the motorcycle while installing the grips.

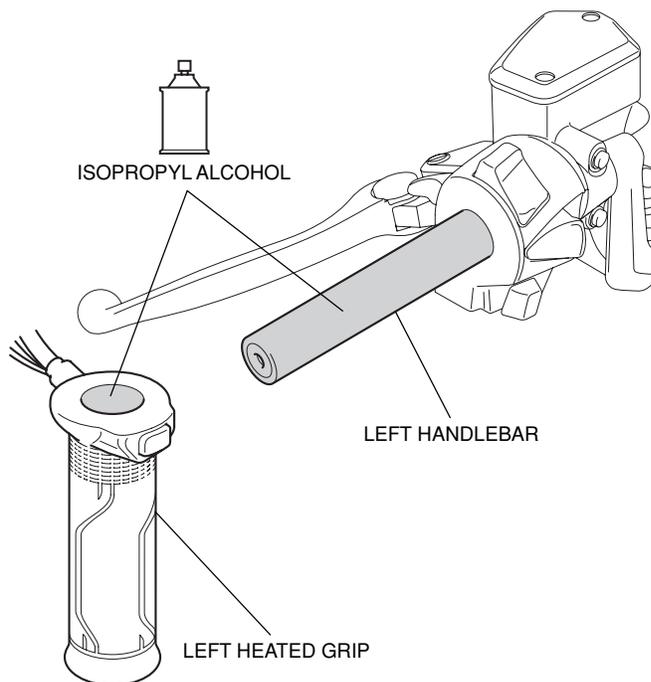


10. Apply Pro Honda handgrip cement to the left handlebar as shown.



11. Spray isopropyl alcohol over the inside of the heated grip and outside of the left handlebar.

- This is done to ease alignment between the heated grip and the handlebar.



12. Slide the left heated grip onto the left handlebar as indicated.

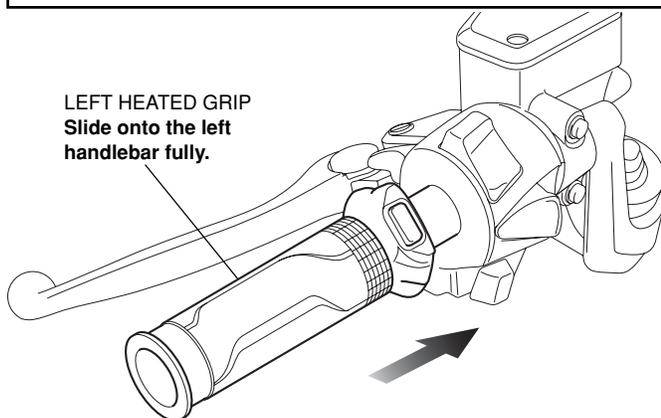
- Wipe up excess adhesive at once.

NOTICE

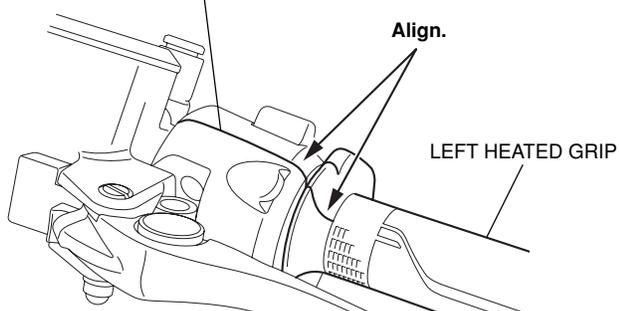
- Do not tap on the grip end with a hammer and do not twist the grip with force to install the heated grip onto the handlebar, as it can damage the heated grip element.



- If the grip gets stuck halfway during installation, apply isopropyl alcohol between the grip and handlebar. Do not try to remove the heated grip using force or tools as the grip heating element can be damaged.

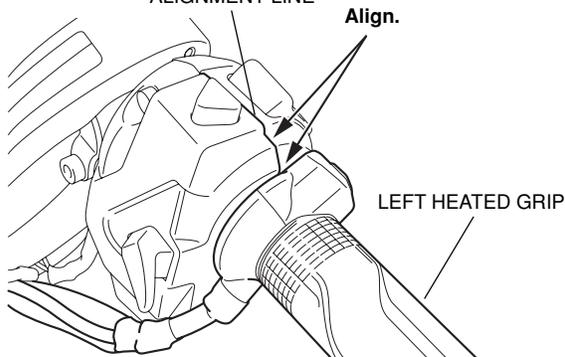


ALIGNMENT LINE

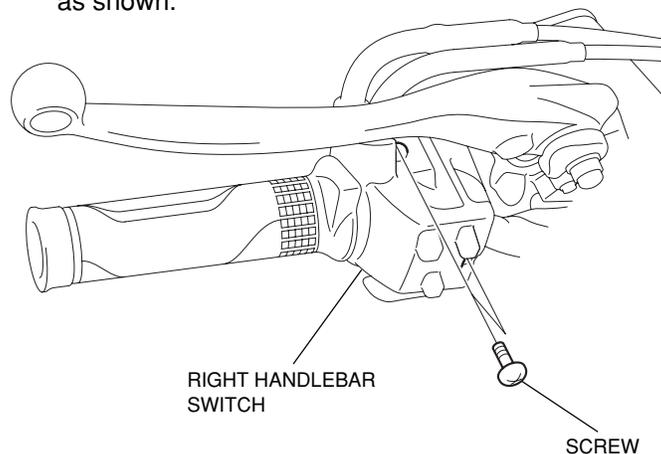


< VFR1200FD (DCT type) >

ALIGNMENT LINE



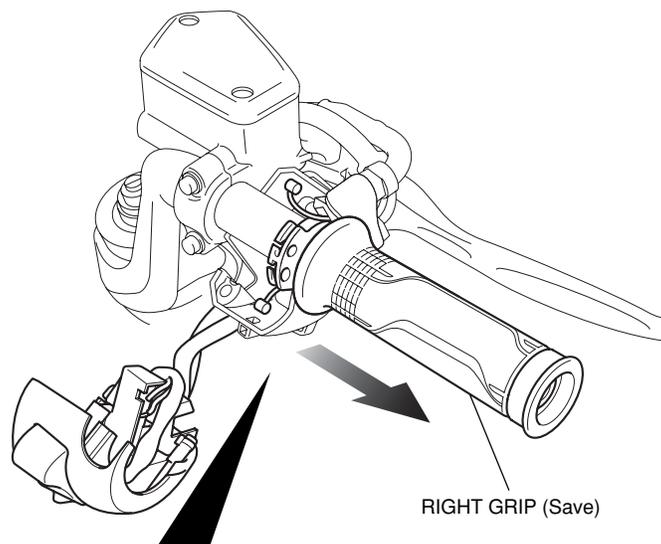
13. Remove the screws from the right handlebar switch as shown.



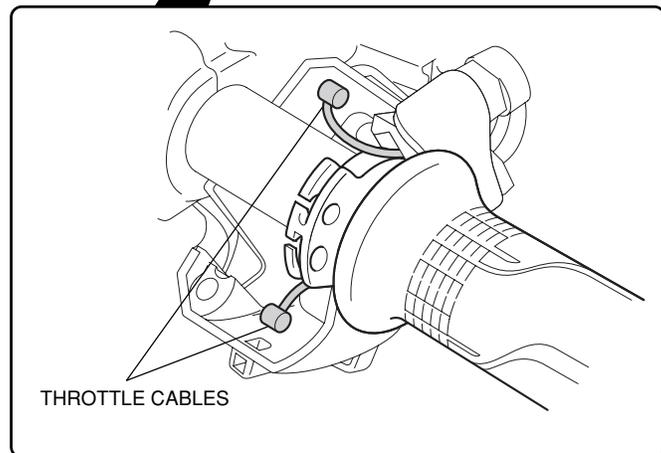
14. Remove the right grip as shown.

NOTE

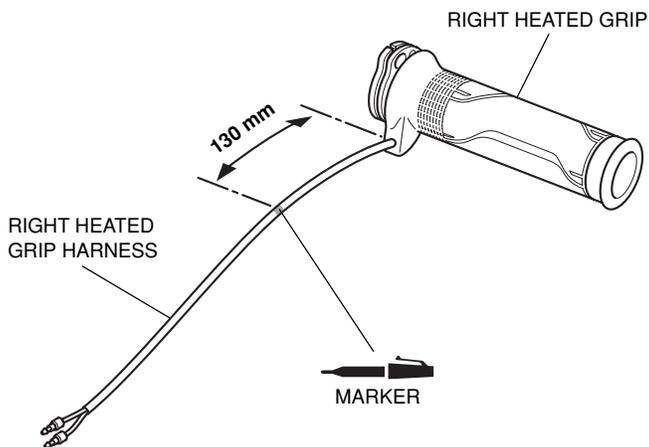
Using the procedures in the Service Manual for the motorcycle, disconnect the throttle cables from the right grip. Do not try to forcefully disconnect the cables with tools.



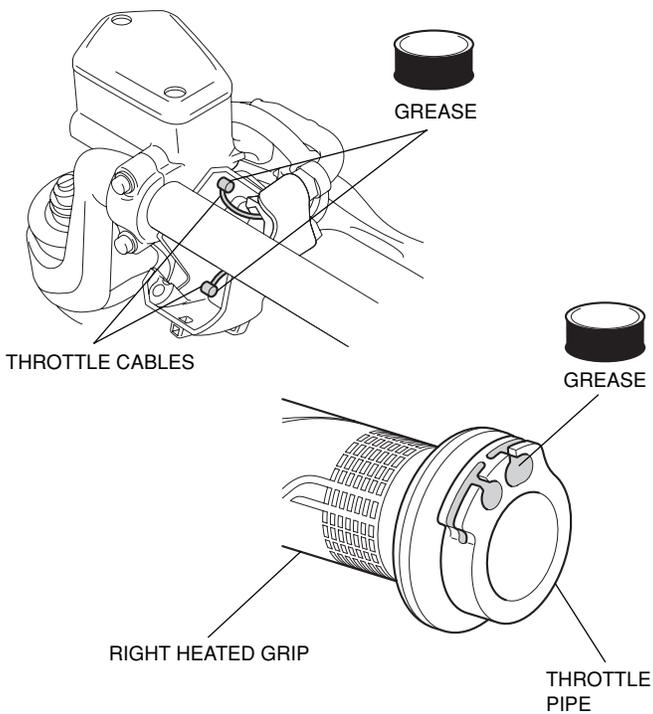
THROTTLE CABLES



15. Mark the right heated grip harness in the position shown.

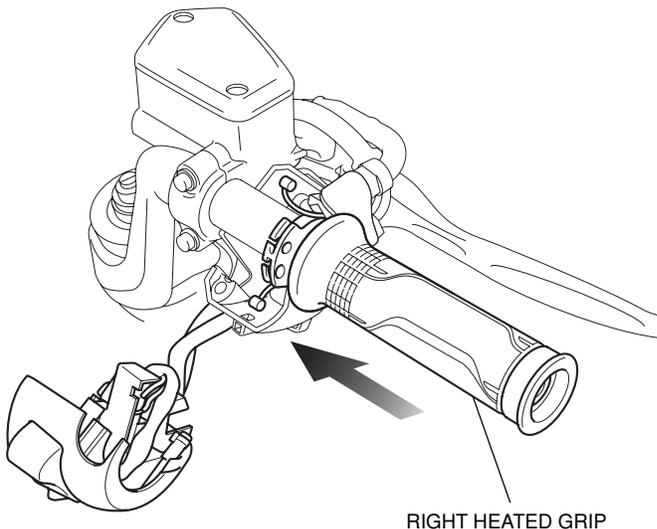


16. Apply grease to the  parts of the throttle cables and throttle pipe as shown.



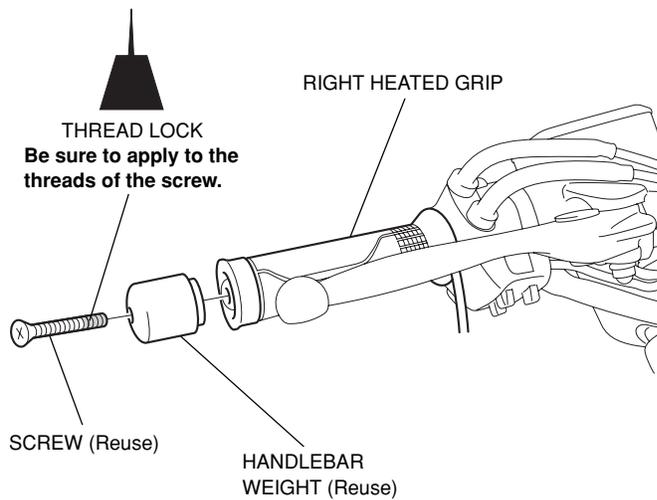
17. Install the right heated grip in the reverse order of the motorcycle's grip removal.

- **After installation, refer to the Service Manual and adjust the throttle freeplay.**

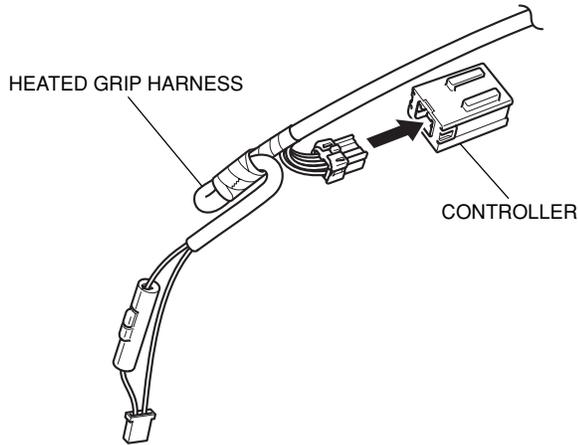


18. Reinstall the right handlebar weight as shown.

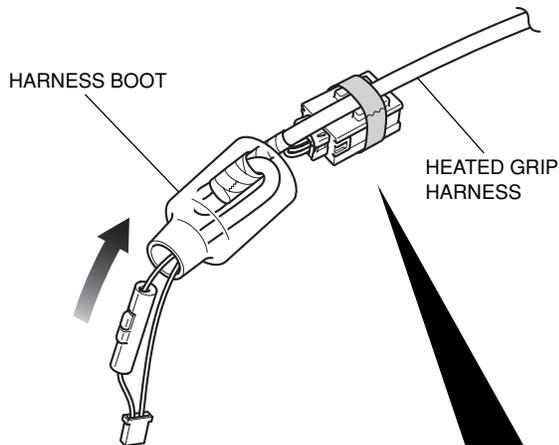
- **Repeat on the left side.**



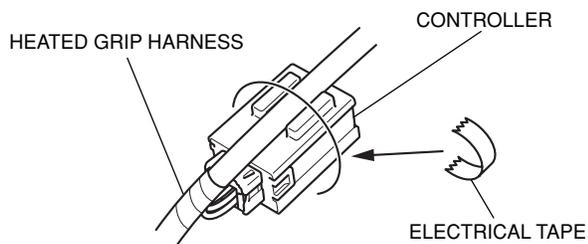
19. Connect the controller as shown.



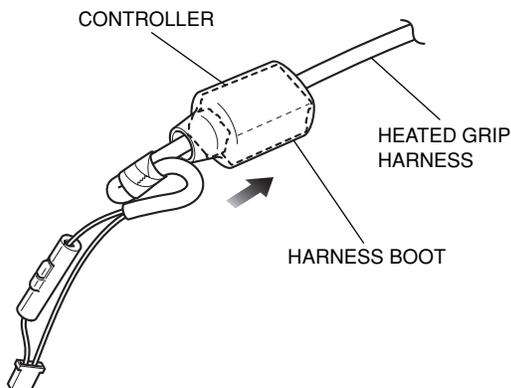
20. Fit the boot over the harness as shown.



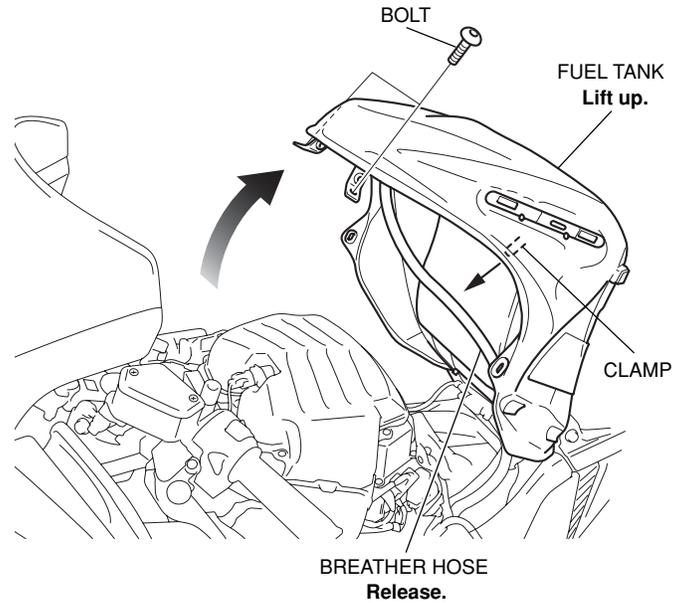
Secure the heated grip harness as shown.



21. Fit the boot over the controller as shown.

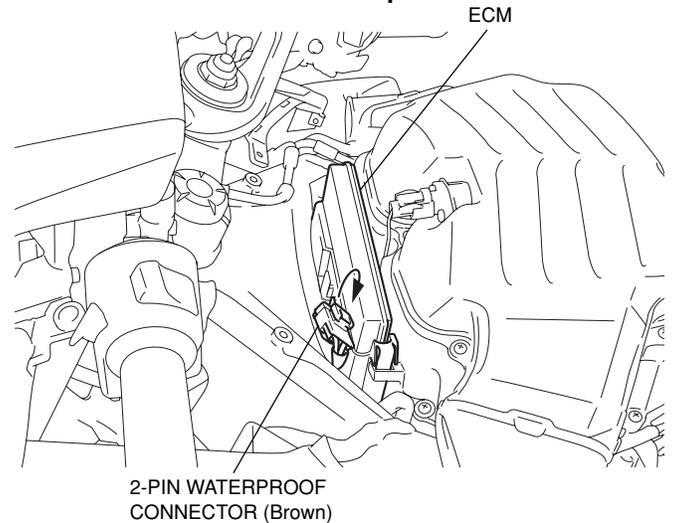


22. Raise the fuel tank as shown.



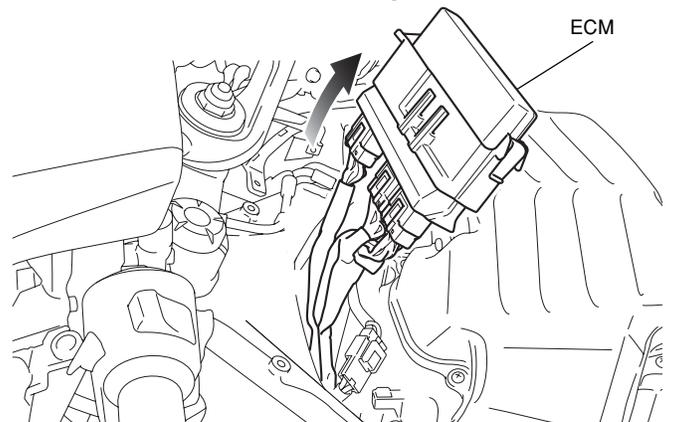
23. Remove the connector from the ECM as shown.

- **Always perform this work with two people; it is recommended that one person lifts the tank.**

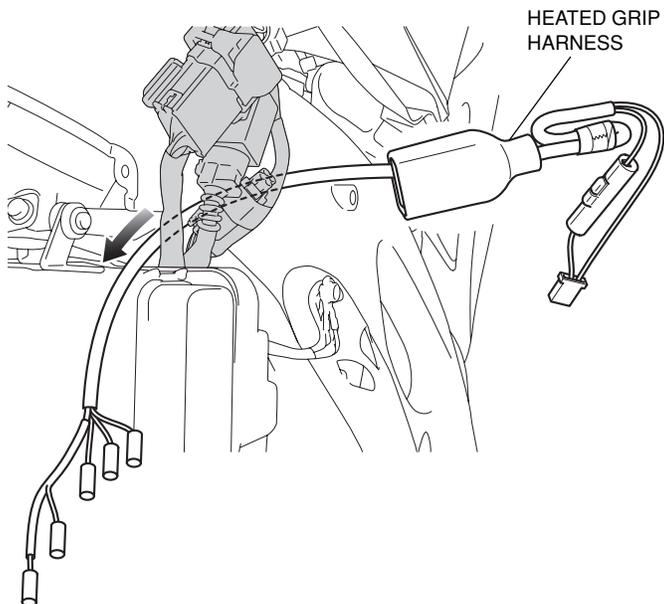


24. Pull out the ECM as shown.

- **Always perform this work with two people; it is recommended that one person lifts the tank.**

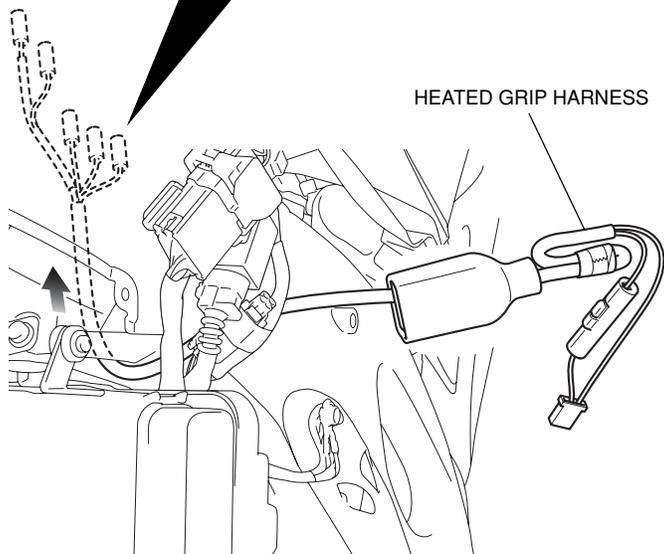
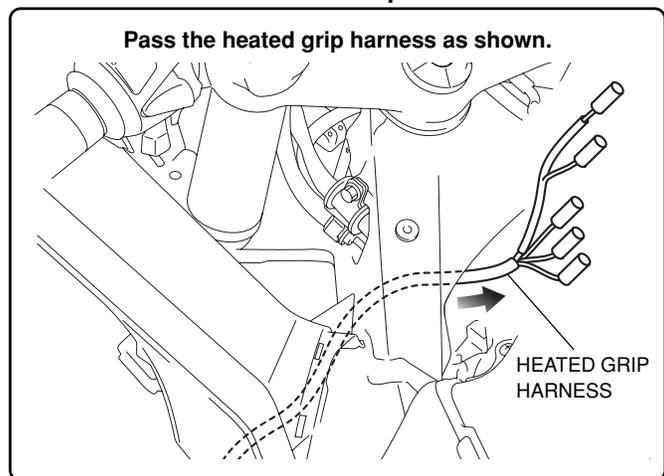


25. Route the heated grip harness as shown.



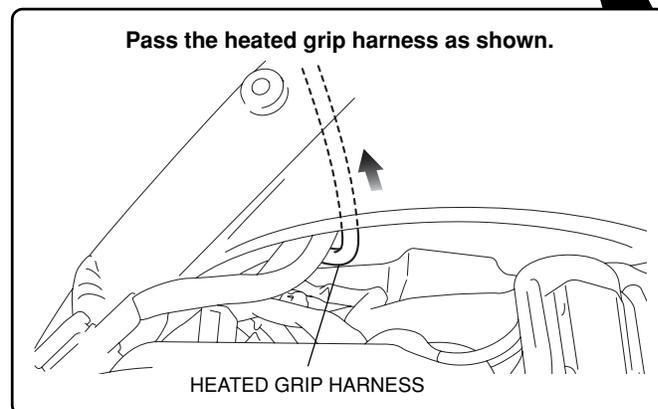
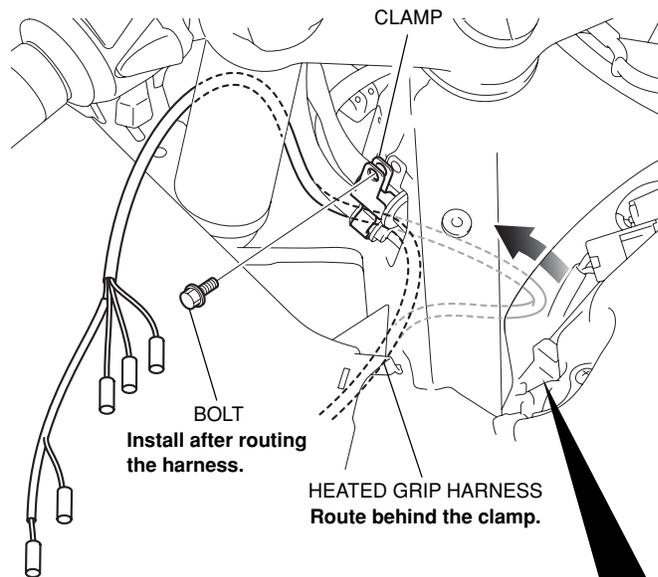
26. Route the heated grip harness as shown.

- **Always perform this work with two people; it is recommended that one person lifts the tank.**

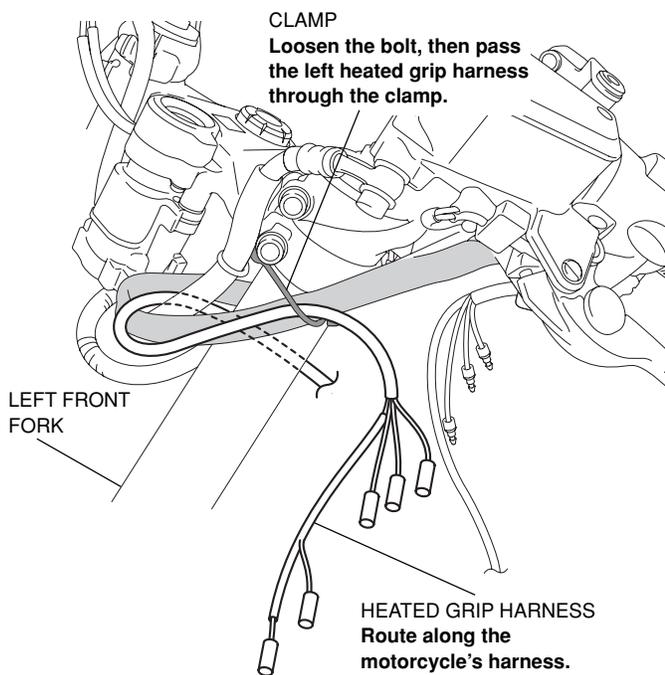


27. Remove the clamp and router the heated grip harness as shown.

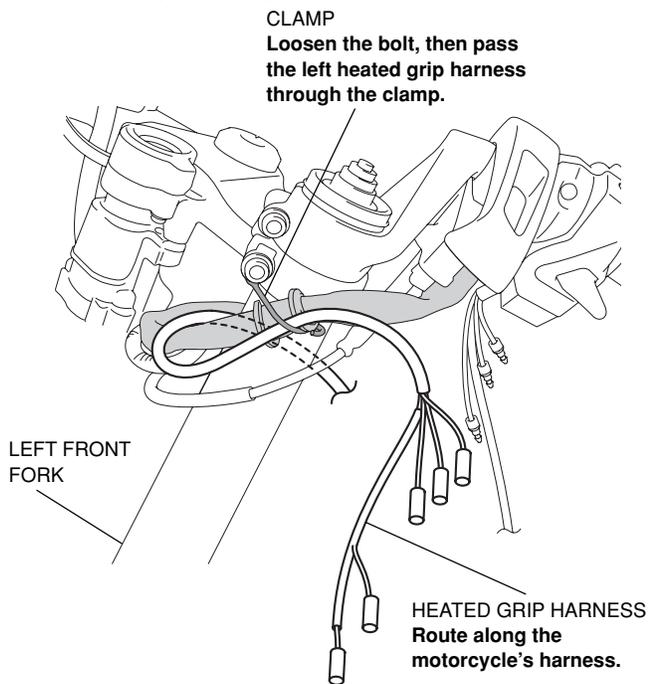
- **Always perform this work with two people; it is recommended that one person lifts the tank.**



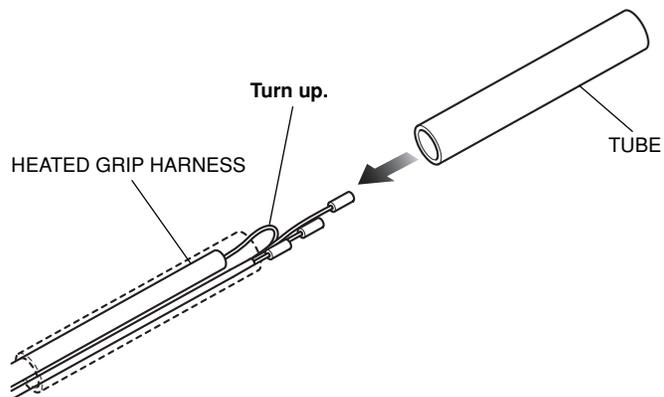
28. Pass the heated grip harness as shown.



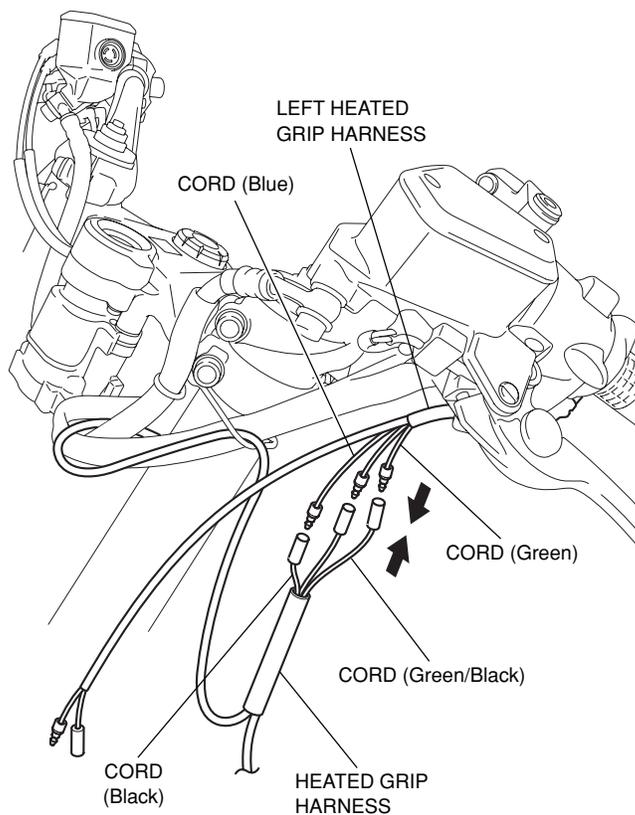
< VFR1200FD (DCT type) >



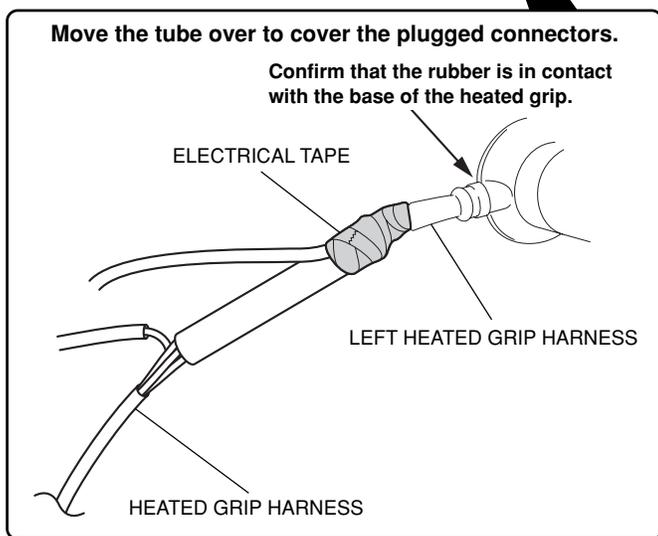
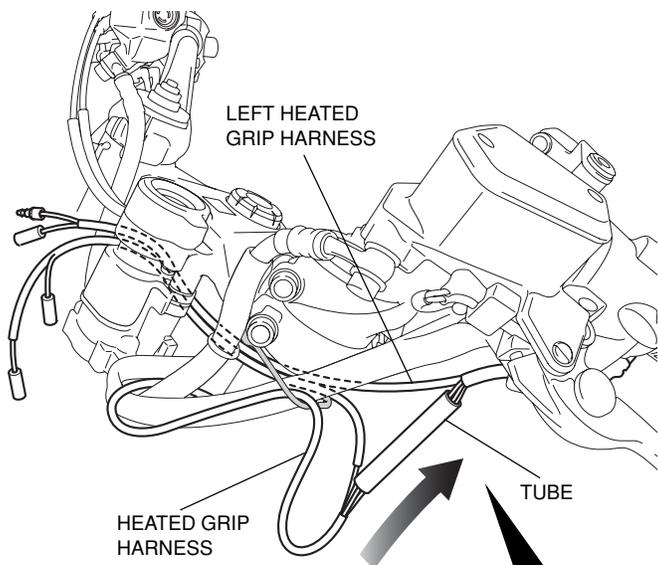
29. Fit the tube over the heated grip harness as shown.



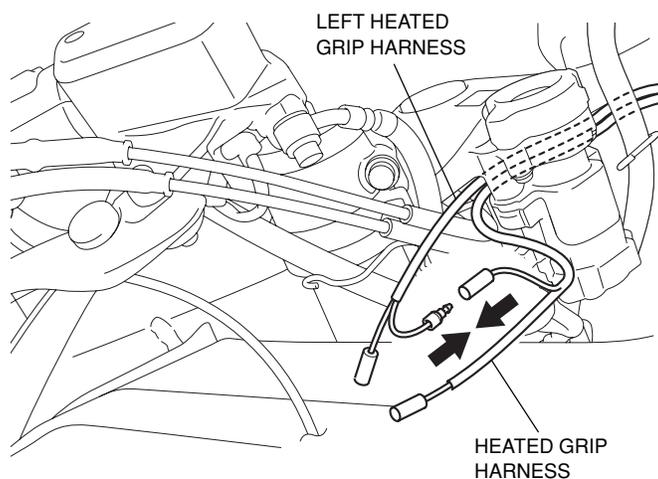
30. Connect the heated grip harness as shown.



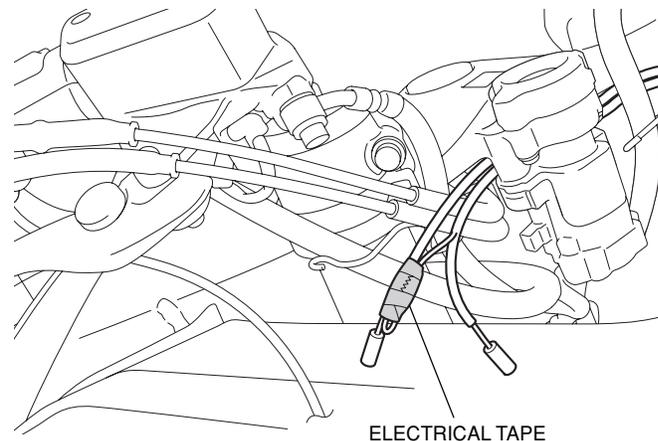
31. Secure the tube as shown.



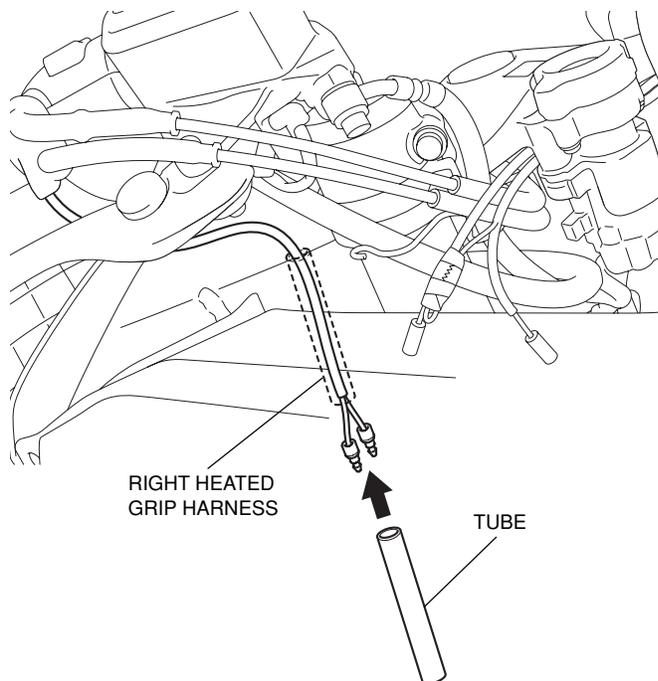
32. Route the left heated grip harness and the heated grip harness to the right side, then connect the heated grip harness as shown.



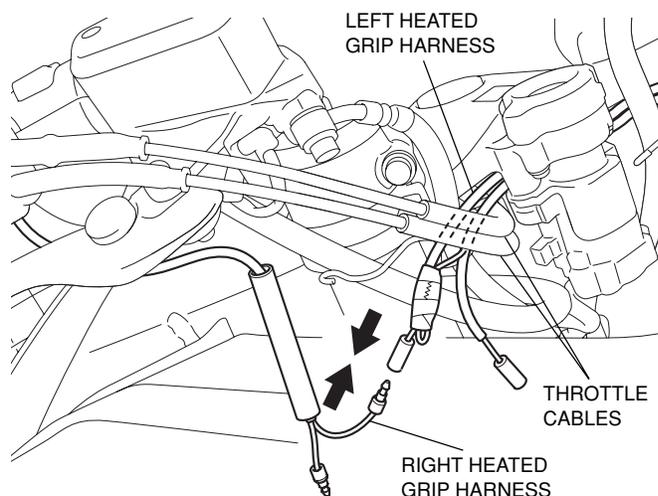
33. Wrap the shaded part with electric tape to secure the harness as shown.



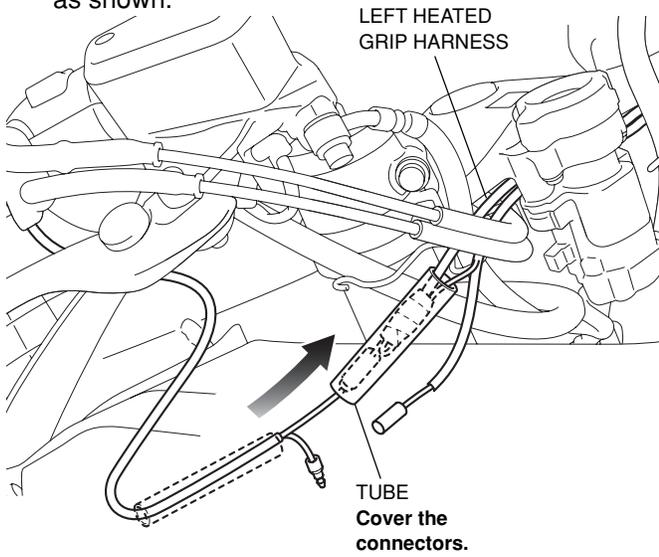
34. Fit the tube over the right heated grip harness as shown.



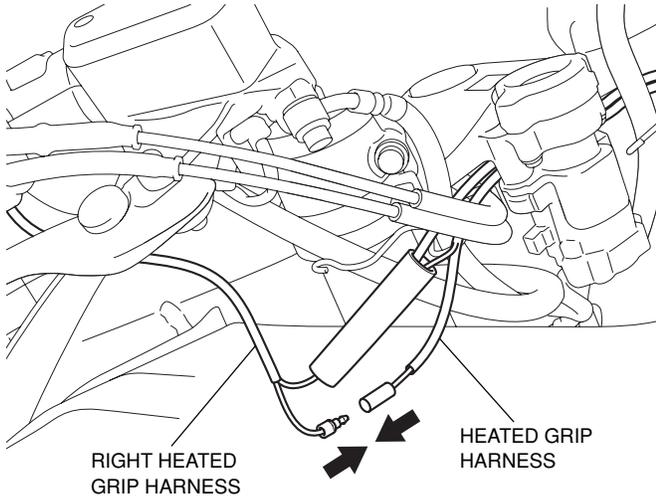
35. Connect the right heated grip harness as shown.



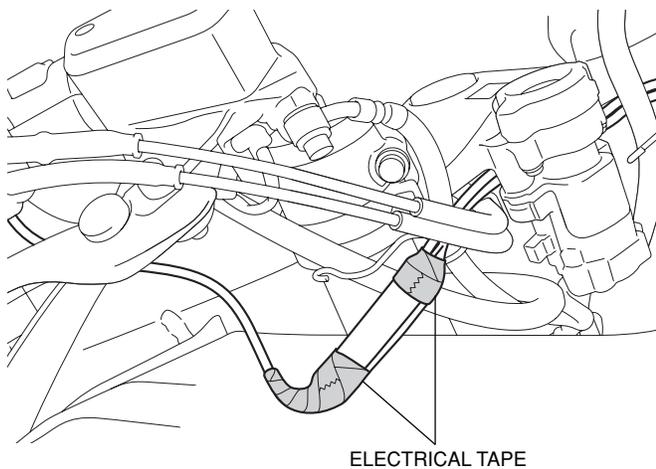
36. Move the tube over the plugged and taped connectors as shown.



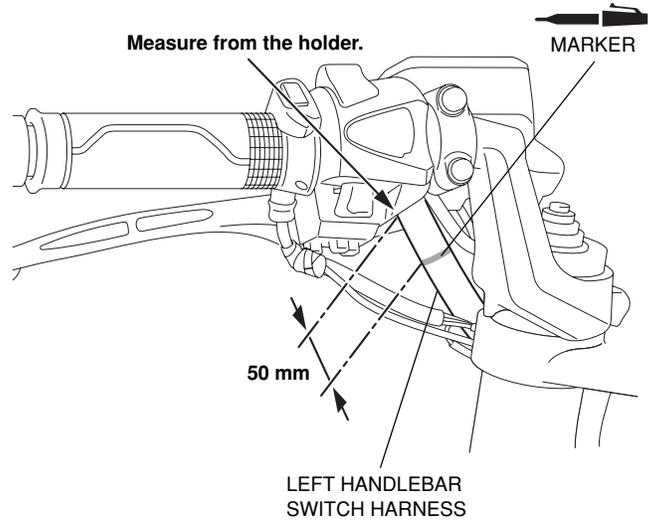
37. Connect the right heated grip harness as shown.



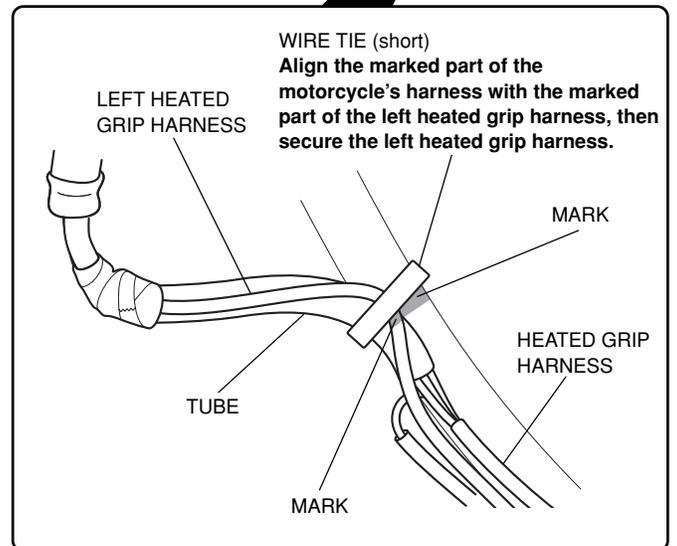
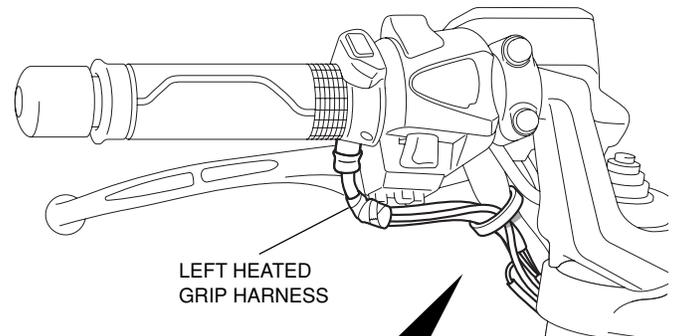
38. Wrap the shaded part with electrical tape to secure the harness as shown.



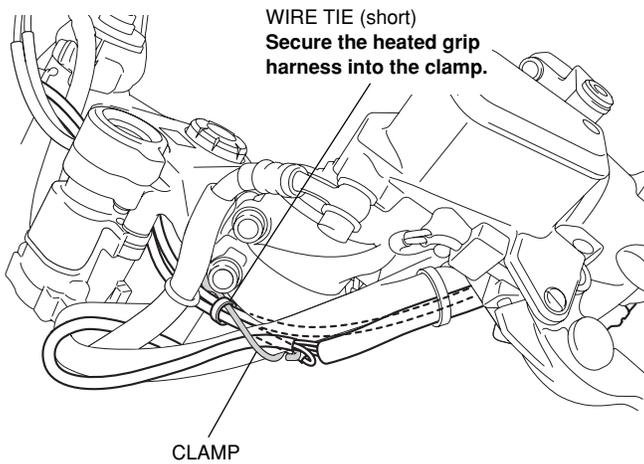
39. Measure and mark the left handlebar switch harness as shown.



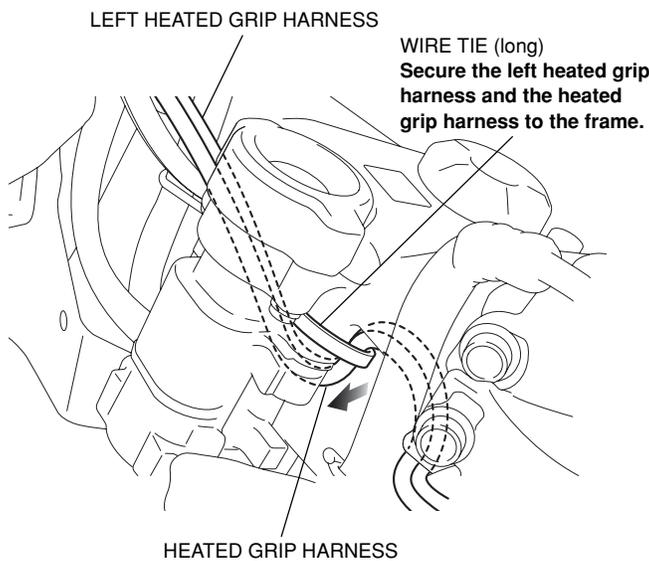
40. Secure the left heated grip harness in the position shown using a wire tie.



41. Secure the harness using a wire tie as shown.



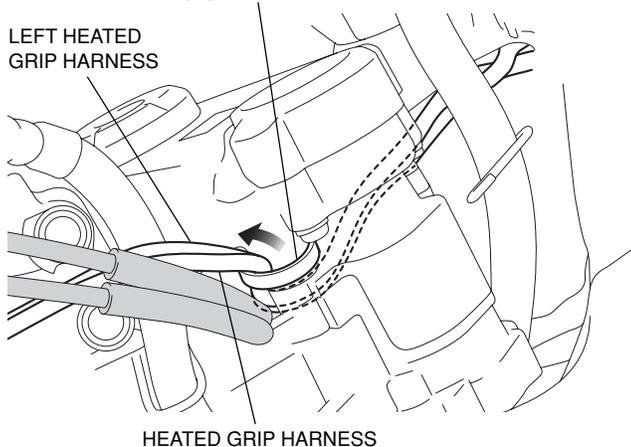
42. Secure the left heated grip harness and heated grip harness using the wire ties as shown.



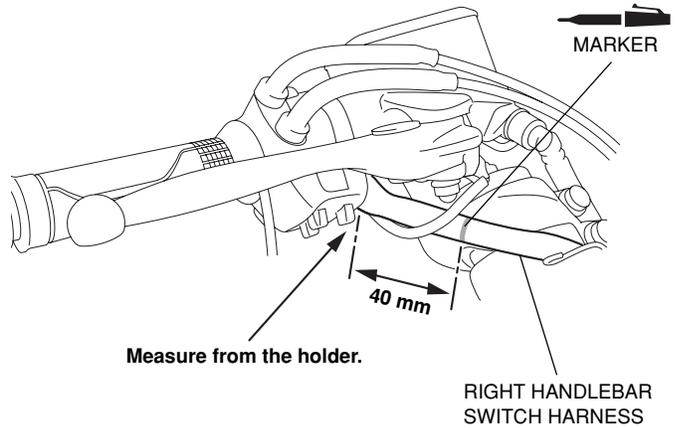
43. Secure the left heated grip harness and heated grip harness using the wire ties as shown.

- **Do not bundle the throttle cable.**

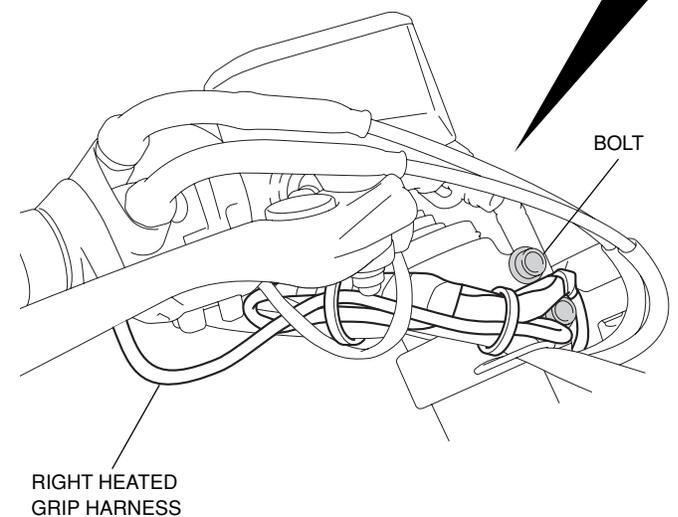
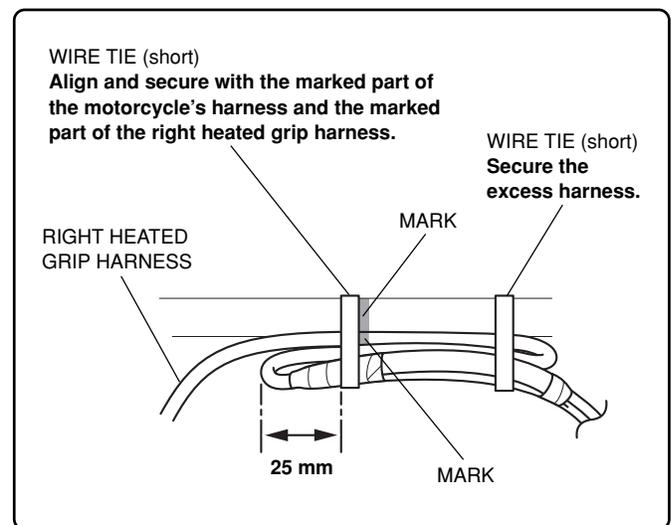
WIRE TIE (long)
Secure the left heated grip harness and the heated grip harness to the frame.



44. Measure and mark the right handlebar switch harness as shown.

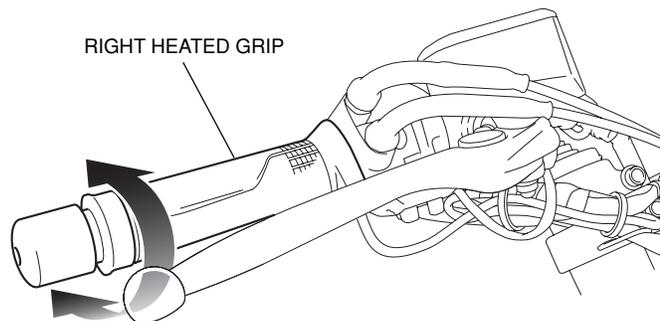


45. Secure the harness using a wire tie as shown.



46. Twist the throttle grip as shown.

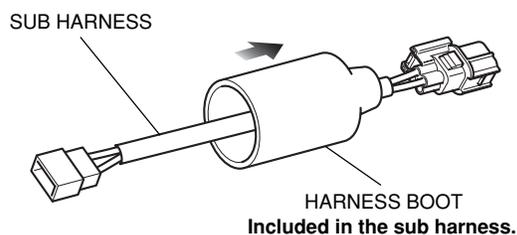
- **Check for smooth opening of the throttle and that it automatically snaps closed from any opening, in all steering positions.**



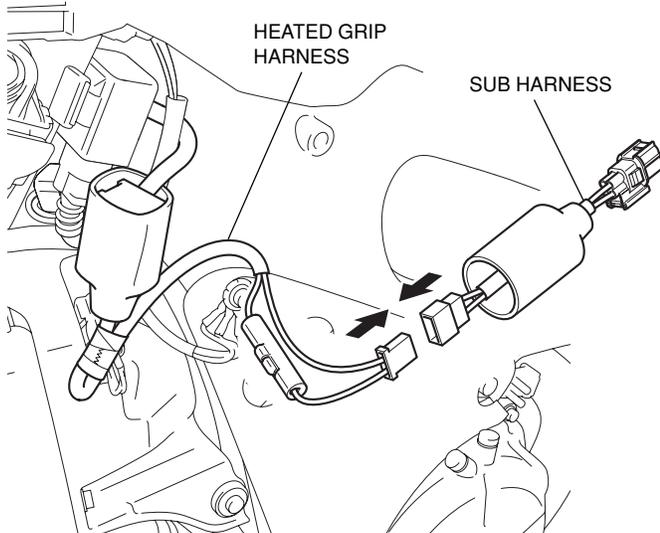
47. Check each harness for sufficient play.

- **Move the handlebar right and left and check that the harnesses are not pinched by neighboring components and that they are not pulled taut.**

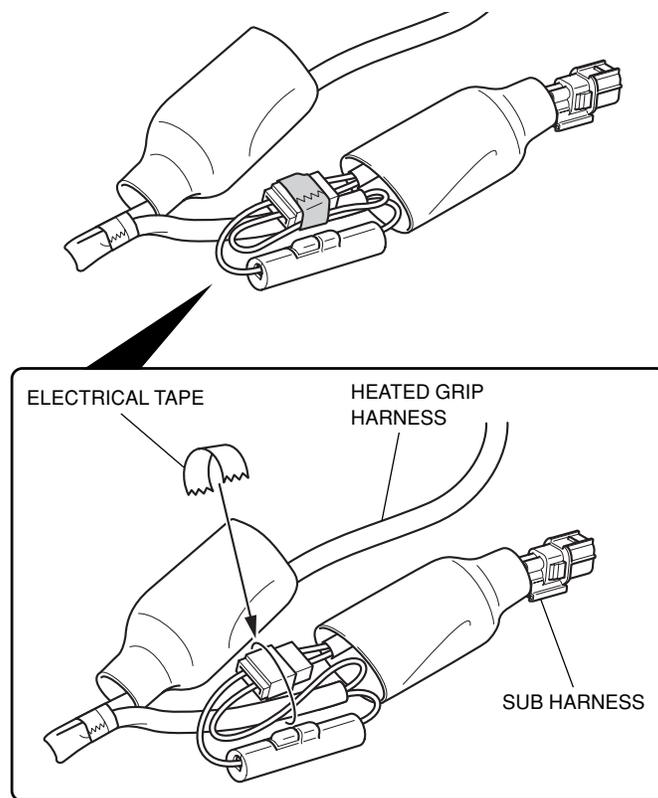
48. Install the harness boot to the sub harness as shown.



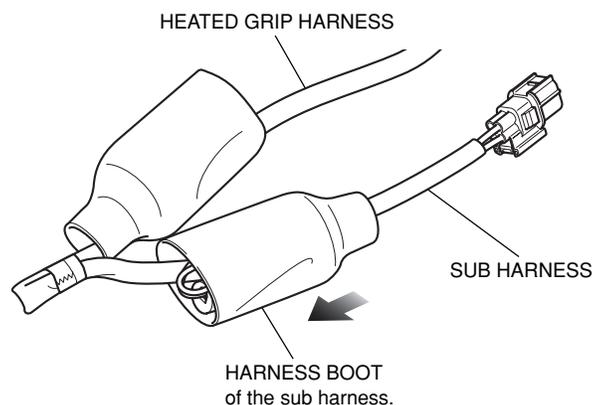
49. Connect to the heated grip harness as shown.



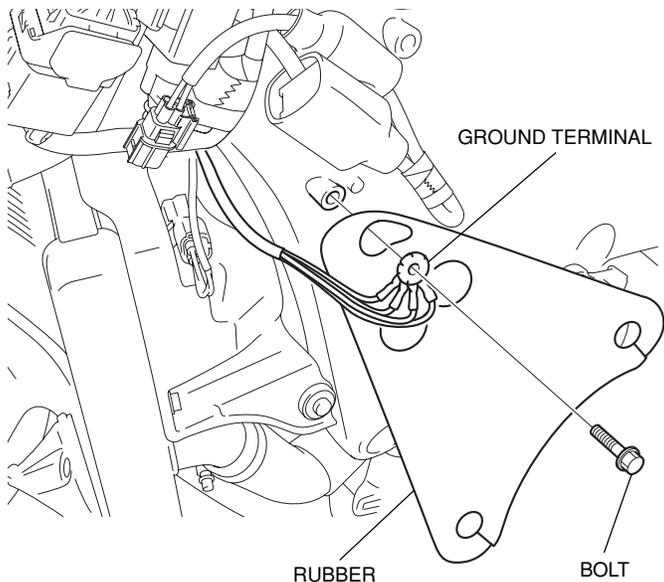
50. Bundle the connected sub harness as shown.



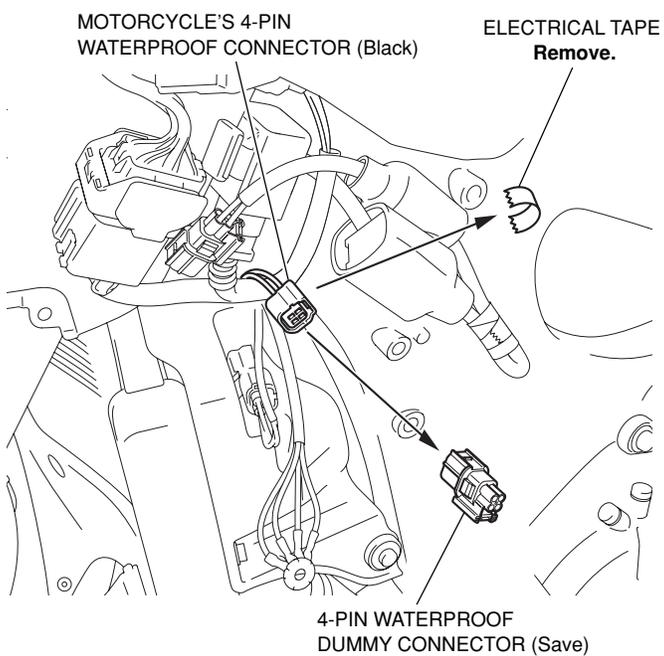
51. Cover the bound fuse and connector with the boot as shown.



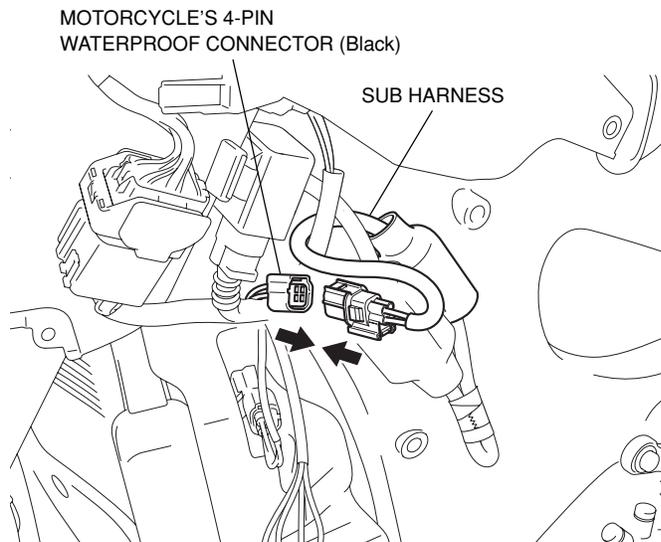
52. Remove the ground terminal and rubber from the left side of the frame as shown.



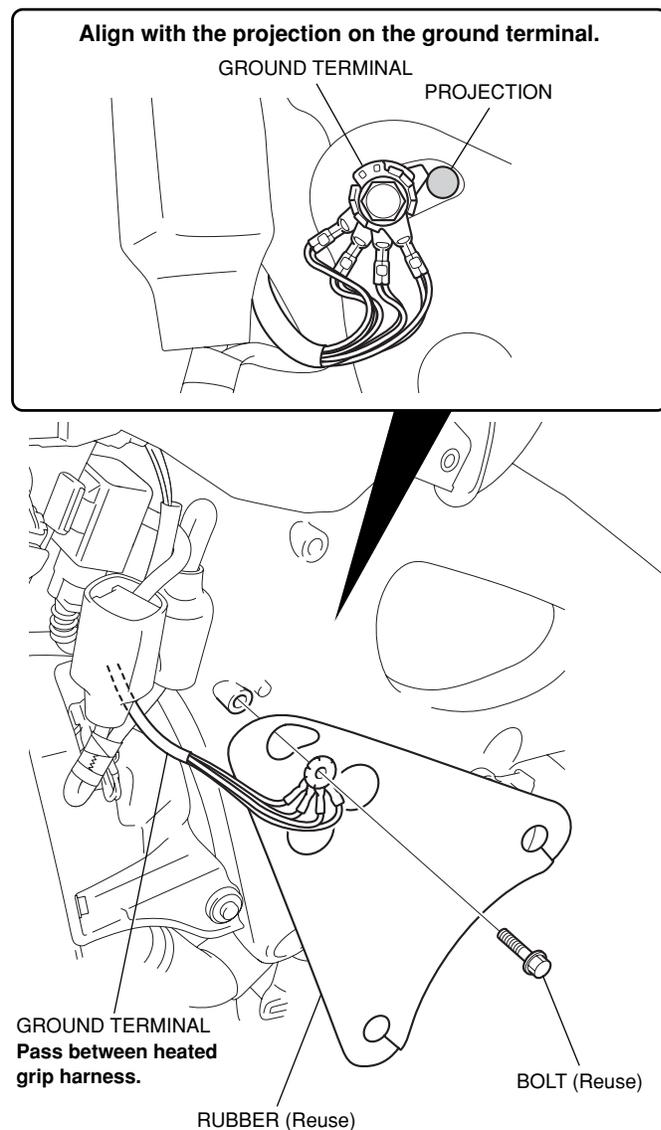
53. Remove the dummy connector as shown.



54. Connect the sub harness to the motorcycle's harness as shown.



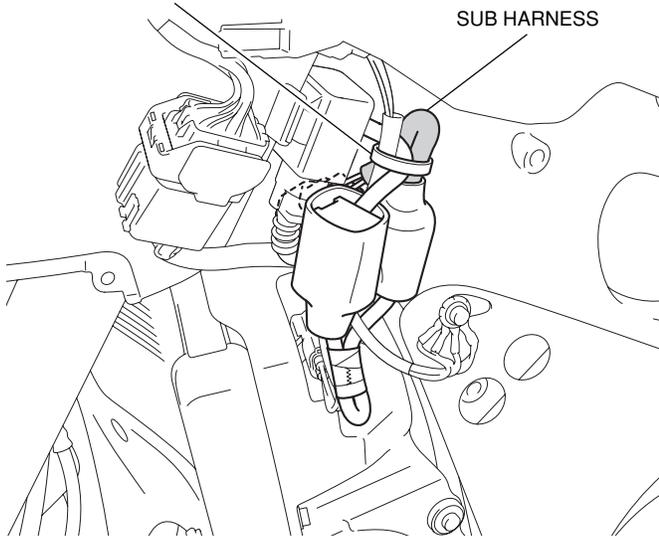
55. Route and connect the ground terminal as shown.



56. Secure the harness using a wire tie as shown.

- **Move the handlebar right and left and check that the harnesses are not pinched by the neighboring components and that they are not pulled taut.**

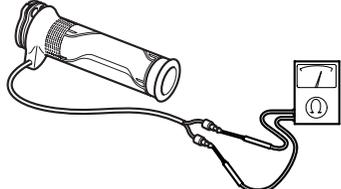
WIRE TIE (wide)
Secure the heated grip harness onto the sub harness.



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

DEALER TROUBLESHOOTING

- Stop the engine and turn the ignition switch OFF when you check the parts and circuits other than those of the heated grips.

Symptom	Check
Heated grips do not operate; <ul style="list-style-type: none"> • Faulty heated grip • Faulty heated grip coil • Blown fuse • Open or short circuit in heater harness • Faulty heater switch 	<ol style="list-style-type: none"> 1. Check whether wires and cables (terminals and connectors) are connected securely. 2. Heated grip inspection Check for resistance between the terminals. ➔ Standard: Right : 2.2 ohms +/- 10% Left : 2.2 ohms +/- 10%  <ol style="list-style-type: none"> 3. Heater harness inspection: Check for continuity by referring to the wiring diagram. 4. If no abnormality is found after the above checks 1, 2, and 3, but the heated grip still does not operate properly, replace the heater switch with a new one. <ul style="list-style-type: none"> • It is hard to check the switch with ordinary inspection methods (for continuity, voltage, etc.) because it contains an integrated circuit.