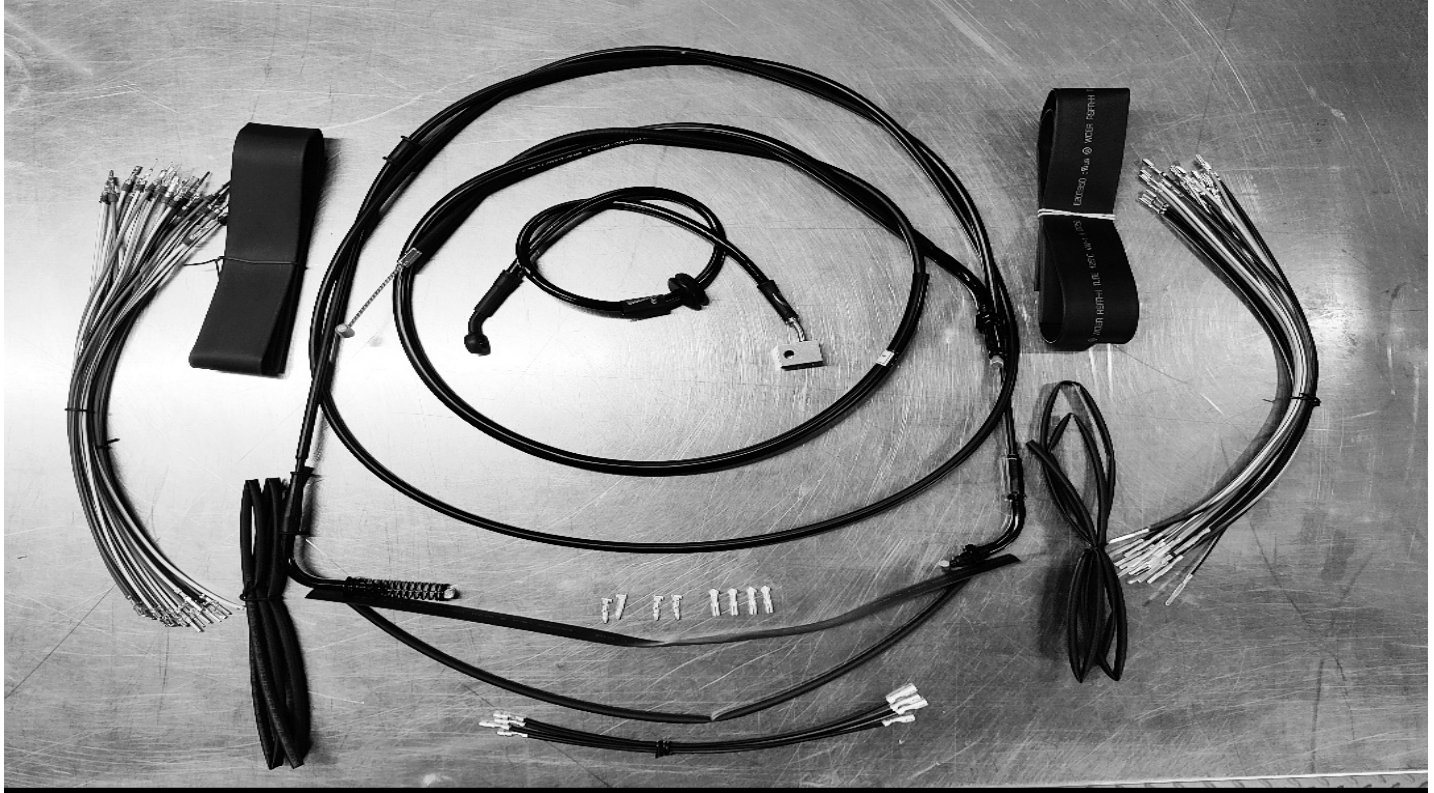


## INSTALLATION INSTRUCTIONS

Extended cable/line kit  
2021 & up\* Honda Rebel 1100

### PARTS INCLUDED:



NOTE: Parts may vary slightly from picture

### WARNINGS & ALERTS

- This kit is designed for controlling HONDA OEM components only, and is intended for models with anti-lock brake systems (ABS).
- The supplied clutch cable or parking brake cable must be installed per factory specifications.
- The operator must use extreme caution when operating a modified motorcycle, particularly while getting familiarized with its altered characteristics.
- Once installation is complete, be certain ALL controls are properly adjusted to the specifications outlined in your factory authorized service manual before attempting to operate your motorcycle.

**READ ALL THE INSTRUCTIONS CAREFULLY BEFORE INSTALLING THIS KIT ON YOUR MOTORCYCLE. USE YOUR AUTHORIZED HONDA SERVICE MANUAL AS A REFERENCE WHILE INSTALLING THIS KIT.**

HONDA is a registered trademark of the HONDA MOTOR COMPANY, LTD.

\*This instruction is appropriate for the models noted; However, you must confirm you have the correct kit part number for your specific bike by contacting Burly Brand.

# INSTALLATION INSTRUCTIONS

## Extended cable/line kit

READ ALL THE INSTRUCTIONS CAREFULLY BEFORE INSTALLING THIS KIT ON YOUR MOTORCYCLE DUE TO MODEL SPECIFIC PARTS. USE YOUR AUTHORIZED HONDA SERVICE MANUAL AS A REFERENCE WHILE INSTALLING THIS KIT.

### CLUTCH CABLE/ PARKING CABLE REMOVAL & INSTALLATION

1. Per your factory authorized service manual, Remove clutch cable (Manual model) or parking brake cable (Automatic DCT model) and note the routing.
2. Install the Burly extended clutch cable (Short cable) or parking cable (Long cable) as you would with stock cables per your factory authorized service manual.  
Note: route the new longer cable in such a manner that no kinking or binding occurs through entire range of steering. Check this by turning the handlebars all the way to the left and right while operating the controls.
3. Adjust the clutch cable or parking brake cable per the procedure described in your factory authorized service manual to ensure proper operation.

### BRAKE LINE REMOVAL & INSTALLATION INSTRUCTIONS

1. Per your factory authorized service manual, drain your brake fluid from front brake reservoir & brake line. Locate the ABS block where the 2-piece brakeline meet. The ABS block is located behind the steering tube, behind the left side cover, indicated by the arrow in Figure 1, also remove the corresponding cover on the right side (you'll see the brake line coming out of it).

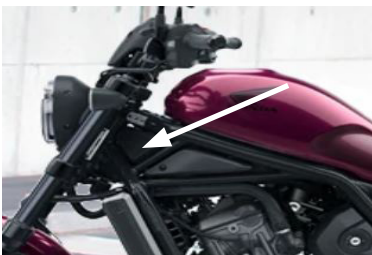


figure 1

2. Separate the brake line at the ABS Block (Figure 2) by unscrewing the hardline fitting with a 10mm wrench. Next, unscrew the mounting bolt (save it as it will be re-used). Next, remove the banjo bolt at the front brake master cylinder and removing the upper half of the brake line, but DO NOT remove the lower half of the brake line; it will be reused.

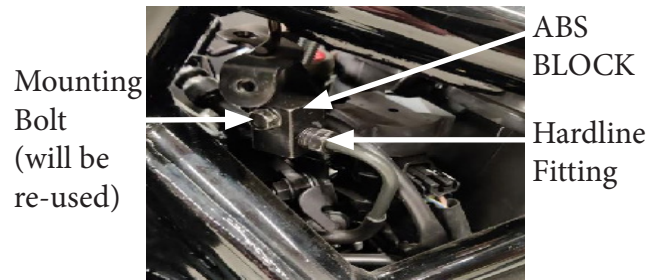


figure 2

3. Install the new Burly extended portion of brakeline in the same position as the original (figure 3). First thread in the hardline fitting into the ABS block ( but do not tighten it down, yet). Second, re-using the mounting bolt, secure the the new ABS block onto its proper location. Third, mount the banjo end of the brakeline into the front brake master cylinder using the 2 new crush washers and supplied banjo bolt. Note: route the new longer brake line in such a manner that no kinking or binding occurs through the entire range of steering. Check this by turning the handlebars all the way to the left and right while carefully observing the brake line. Torque everything down per your factory authorized service manual and re install the covers.



figure 3



# INSTALLATION INSTRUCTIONS

## Extended cable/line kit

### BRAKE LINE REMOVAL & INSTALLATION INSTRUCTIONS CONT.

4. Last, refill the brake system with the recommended fluid and bleed any air out of it per the procedure described in your factory authorized service manual.

### WIRE REMOVAL & INSTALLATION INSTRUCTIONS

1. DISCONNECT THE BATTERY, before continuing!
2. Removing the front wind deflector cover (figure 4) to expose 3 black electrical connectors (figure 5).



figure 4

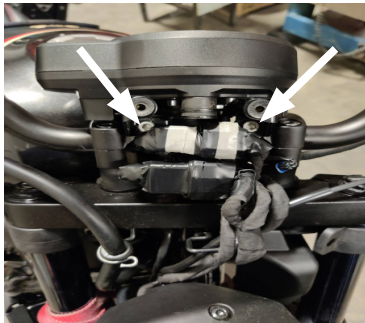


figure 5

3. Remove the 2 bracket stay bolts (figure 5) and disconnect the speedometer, this will allow better access to the connectors.

4. Next, locate the assembly box connector (figure 6), located to the side of the headlight. Remove the mounting bolt and the Phillips screw, located on the back of assembly box (figure 7). Open the assembly box to expose a large grey connector, a small grey connector and a small black connector.

**NOTE: The headlight can be moved by removing the mounting bolts (figure 6) if more working room is desired.**

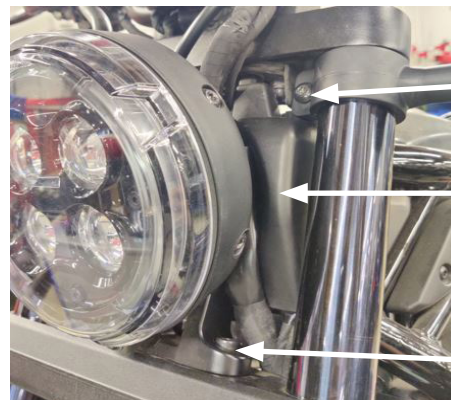


figure 6

assembly box mounting bolt  
Assembly box (connectors are inside)  
Headlight mounting bolt



figure 7

Phillips Screw





# INSTALLATION INSTRUCTIONS

## Extended cable/line kit

### WIRE REMOVAL & INSTALLATION INSTRUCTIONS (CONT.)

**NOTE: YOU WILL NOT BE USING ALL WIRES SUPPLIED  
IN THE KITS, WIRE COLORS ARE MODEL SPECIFIC.**

#### LEFT HAND CONTROLS (GREY CONNECTOR)

5. First, remove the tape surrounding the grey connector & peel back enough tape to just expose the color of wires (figure 8). Disconnect the connector.
6. Using a small flathead screw driver or a pick, open up the locking tab on the back side of the connector (figure 9). Slide the locking tab back and lift it up (figure 10).
7. Moving on to the inside of the connector, using a small pick, lift the up the holding tab (figure 11) and the male pin terminal will slide out the back of the connector (figure 12). Repeat until all pin terminals have been removed from the connector.

**NOTE: It is very important to keep track of pin  
terminal location. One tip is to take a picture and  
label the connector with letter, differentiating  
which side is the top and bottom (figure 13).  
Followed by grouping/labeling the corresponding  
wires (figure 14) or use the provided diagrams on  
pages 11 & 12**

8. Using wire kit "A", match the new provided wires to that of the original colored wires (color may slightly vary).
9. Insert the male pin terminal of the original wire into the female terminal of the new wire (figure 15).

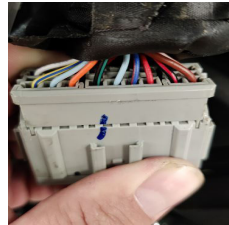


figure 8

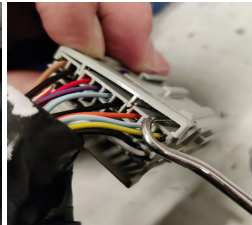


figure 9

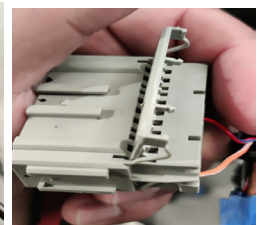


figure 10

Holding Tab

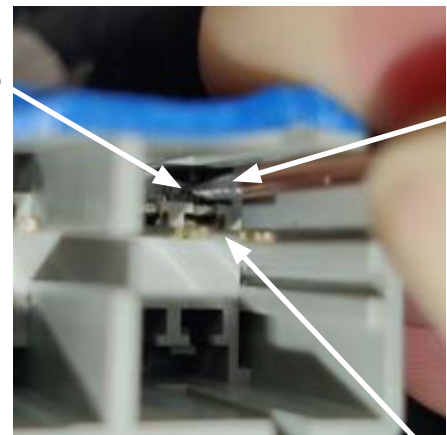


figure 11

Male Pin  
terminal

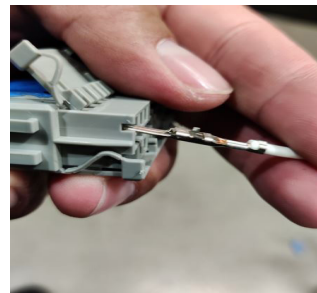


figure 12

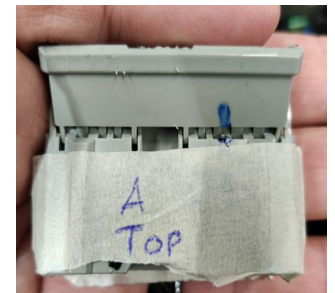


figure 13

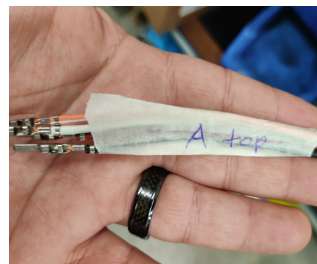


figure 14

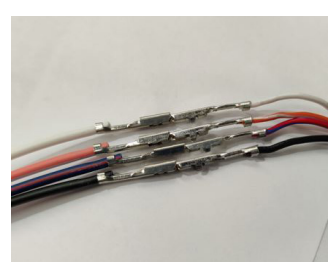


figure 15



# INSTALLATION INSTRUCTIONS

## Extended cable/line kit

### WIRE REMOVAL & INSTALLATION INSTRUCTIONS (CONT.)

10. Next cut the 5mm heat shrink tubing into 40mm strips and slide them over the mating terminals (figure 16). Apply heat with a heat gun to the heat shrink tubing to reduce its diameter. Make sure that none of the terminals are exposed.
11. Apply a small amount of electrical tape to each end of the heat shrink for extra security.
12. At this moment, **DO NOT** insert the male pin terminal of the new wires into the grey connector, just move on to the next step.

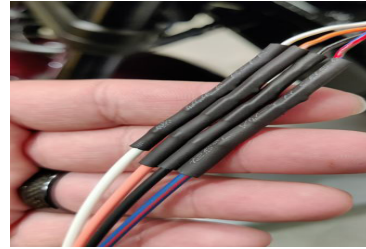


figure 16

### LEFT HAND CONTROLS CONTINUED (BLACK CONNECTOR)

13. Remove the tape surrounding the black connector & peel back the tape to just enough to expose the color of wires (figure 17). Disconnect the connector.
14. Moving on to the inside of the connector, using the same small pick, lift the holding tab (figure 18) and the female pin terminal will slide out the back of the connector (figure 19). Repeat until all female pin terminals have been removed from the connector. Again, keep note where each wire belongs.
15. Using wire kit "B", match the new wires to the original colored wire (colors may vary slightly). The new wires will have blue rubber plugs on the female terminals.
16. Insert the female pin terminal of the original wires into the male terminal of the new wires (figure 20).
17. Next, cut the 5mm heat shrink tubing into 40mm strips and slide them over the mating terminals and apply heat with heat gun to the heat shrink tubing. Make sure none of the terminals are exposed.
18. Apply a small amount of electrical tape to each end of the heat shrink for extra security.
19. Again, at this moment, **DO NOT** insert the female terminal of the new wire into the black connector, move on to the next step.

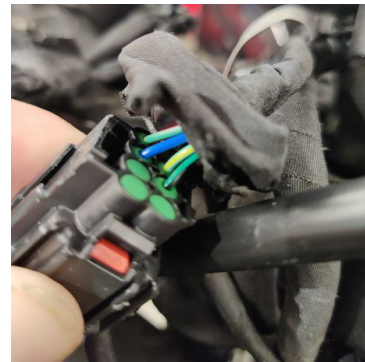


figure 17

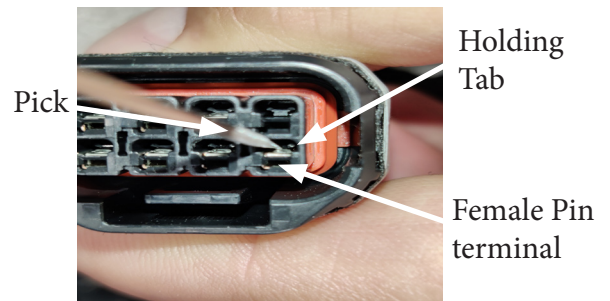


figure 18

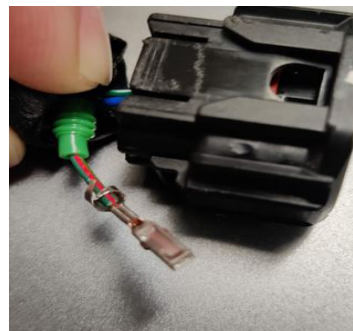


figure 19

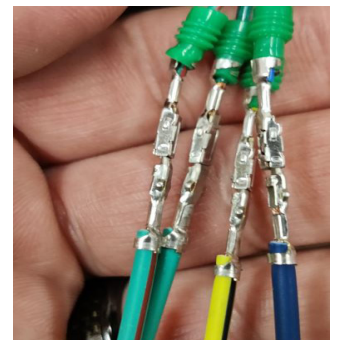


figure 20





# INSTALLATION INSTRUCTIONS

## Extended cable/line kit

### WIRE REMOVAL & INSTALLATION INSTRUCTIONS (CONT.)

#### LEFT HAND CONTROLS (MORE)

20. Now with all the wires extended from the left controls, decide how you would like to route your wiring by mocking up the wiring and using tape to hold it (figure 21). This will help you to determine the length of the 25mm diameter heat shrink to use. Figure 21 shows the wiring running along the outer perimeter of the bar.
21. You may choose to fold the wiring to reduce the overall length and scatter the wiring to reduce the bundle where the male and female pin terminals mate (figures 22 & 23). Use electrical tape to secure it.
22. Cut the 25mm heat shrink tubing to the desired length, making sure to save the extra piece that you cut off as it will also be used later.

**NOTE: Keep in mind where each connector was originally located in order to have an adequate length of heat shrink tubing.**

23. Using a piece of string (twine, wire, etc.), wrap it around the wiring a few times (figure 24), making sure the you have excess string hanging so you can pull the wiring through the 25mm diameter heat shrink.
24. Now feed the string and wiring through the 25mm diameter heat shrink and pull the string through while sliding up the heat shrink (figure 25).
25. Using the leftover heat shrink, slide it over the wires that belong to the grey connector and trim as necessary. Make sure to keep the wires that belong to the black connector outside of the leftover piece heat shrink. (see figure 26).



figure 21

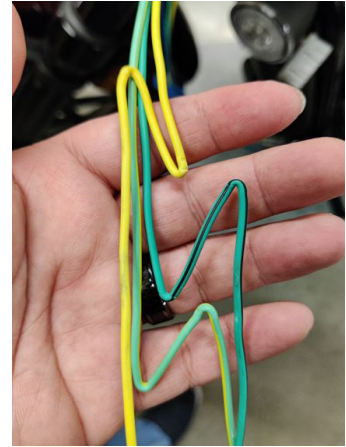


figure 22



figure 23

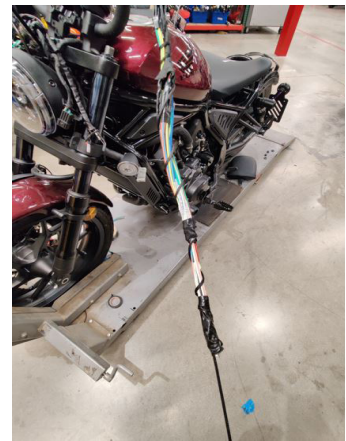


figure 24

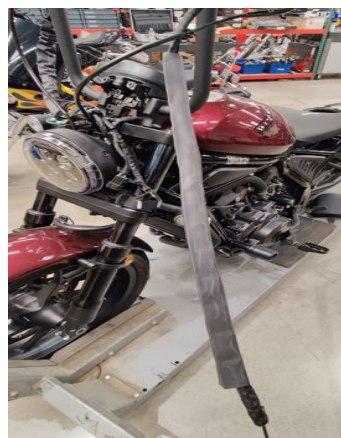


figure 25



figure 26



# INSTALLATION INSTRUCTIONS

## Extended cable/line kit

### WIRE REMOVAL & INSTALLATION INSTRUCTIONS CONT.

#### LEFT HAND CONTROLS CONTINUED

26. Proceed to install the pin terminals into their corresponding connector.
27. Determine the largest sized portion of grouped wires, and reduce the diameter of the heat shrink to that size to keep it uniform.
28. Use electrical tape to cover any exposed portions and the results should resemble figure 27.

**NOTE: Avoid over-reducing the size the heat shrink tubing. Doing so will result in an uneven surface across the entire length of wires**



figure 27

#### RIGHT HAND CONTROLS

29. Starting with the 2 small connectors (grey & black), disconnect them by releasing on the tabs (figure 28)
30. Cut & strip the wire about an inch or two away from the connectors (figure 29) .
31. Using kit "C", crimp the supplied male bullet terminal to one end of the wire and the female bullet terminal to the other end (figure 30).
32. Make sure to scatter your cuts/connections (figure 31) in order to avoid bulging. This will prevent the larger diameter heat shrink from getting stuck in later steps.
33. Next, cut the 5mm heat shrink tubing into 40mm strips. Slide them over the newly installed terminals before installing the supplied extended wires.
34. Now install the new supplied wire in-between the newly installed terminals to extend the wires.



figure 28

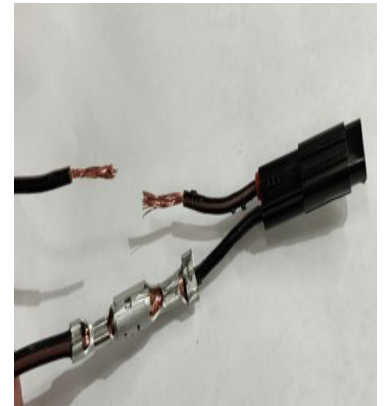


figure 29



figure 30

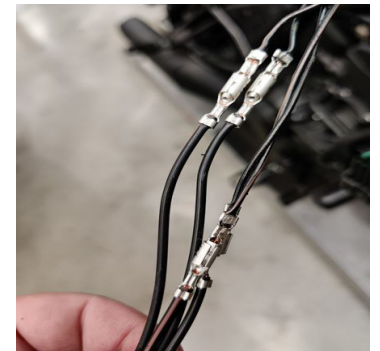


figure 31





# INSTALLATION INSTRUCTIONS

## Extended cable/line kit

### RIGHT HAND CONTROLS CONTINUED

35. Apply heat to the heat shrink, and ensure the terminals are protected (figure 32 & 33).
36. Next, slide the larger tube of heat shrink over the wires and apply heat to reduce the heat shrink tubing (figure 34).
37. Moving on to the 2 black connectors, remove the tape surrounding them. Peel back just enough tape to expose the color of the wires (figure 35 & 36). Disconnect the connectors.



figure 32

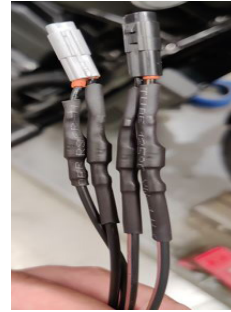


figure 33

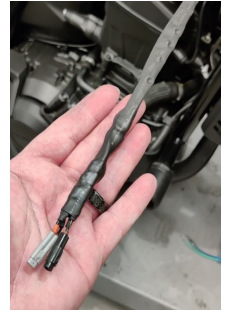


figure 34

**NOTE: Both connectors are similiar and use the same type of wires and disassemble and assemble the same.**

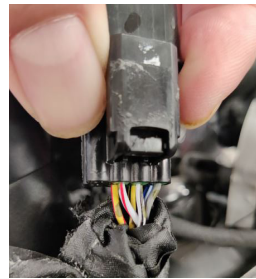


figure 35

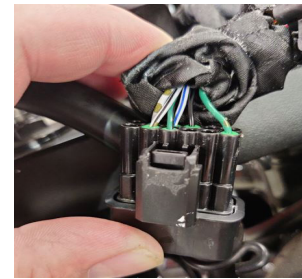


figure 36

38. On the inside of the 2 connectors, using the small pick, lift up the holding tab (figure 37) and the male pin terminal will slide out the back of the connectors (figure 38). Repeat until all pin terminals have been removed from the both connectors. Keep track of pin terminal locations.
39. Using the wires from kit "B" that have the grey plugs on the male terminals, match them to the original colored wire (colors may vary slightly).
40. Insert the male pin terminal of the original wire into the female terminal of the new wire.
41. Next, cut the 5mm heat shrink tubing into 40mm strips and slide them over where the mating terminals. Apply heat with a heat gun to the heat shrink tubing and make sure that none of the terminals are exposed (figure 39).
42. Apply a small amount of electrical tape to each end of the heat shrink for extra security.

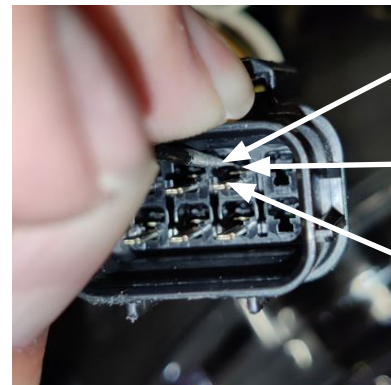


figure 37

Pick

Holding Tab

Male Pin Terminal

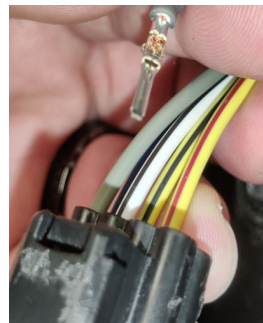


figure 38



figure 39





# INSTALLATION INSTRUCTIONS

## Extended cable/line kit

### RIGHT HAND CONTROLS CONTINUED

43. At this moment, **DO NOT** insert the male terminals of the new wires into connectors, move on to the next step.
44. Decide on how you would like to route your wiring, the following instructions are similar to how the left side was installed.
45. Cut your 25mm diameter heat shrink tubing to the desired length (only one long strip will be needed). Again, keep in mind where the connectors were originally located.
46. You may choose to fold the wiring to reduce the overall length and scatter the wiring to reduce the bundle where the male & female pin terminals mate. Use electrical tape to secure it (figure 40).
47. In the same manner as the left side, repeat steps 23 and 24 to properly install heat shrink (figure 41).
48. At this point you should have all the wiring of the right controls running through the 25mm heat shrink tubing (figure 42)
49. Proceed to install the pin terminals into the corresponding black connector (figure 43).
50. Determine the largest sized portion of grouped wires, and reduce the diameter of the heat shrink to that size to keep it uniform



figure 40



figure 41

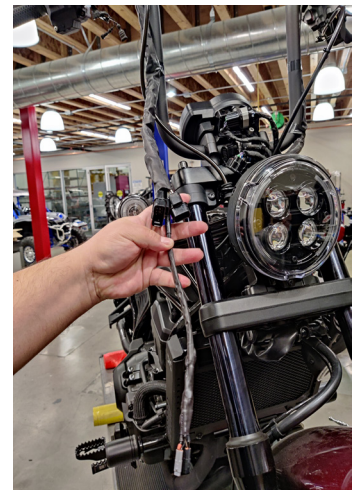


figure 42



figure 43



# INSTALLATION INSTRUCTIONS

## Extended cable/line kit

### WIRE REMOVAL & INSTALLATION INSTRUCTIONS CONT.

51. Join all connectors and mount them back to their original location. Remember, the black connectors mount above the headlight and in front of the handlebar (figure 44). Reinstall the 2 bolts for the bracket stay.
52. The large grey connector, small grey connector and small black connector go inside the assembly box housing (figure 45 & 46), which is in between the left fork and steering head, behind the head light
53. Zip ty the wiring to the bars to your liking. (figure 47).
54. Finally, re-install the wind deflector (figure 48).
55. Double-check all newly installed items and make sure no kinking or binding occurs through entire range of steering.
56. Reconnect battery & check function of all controls.
57. Test ride and enjoy!

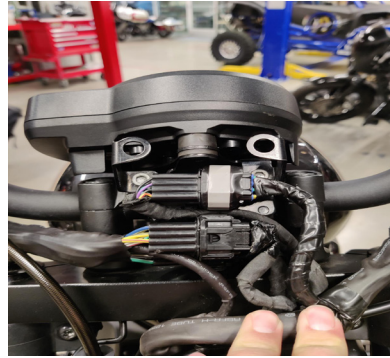


figure 44

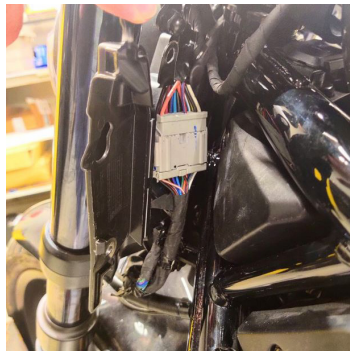


figure 45



figure 46

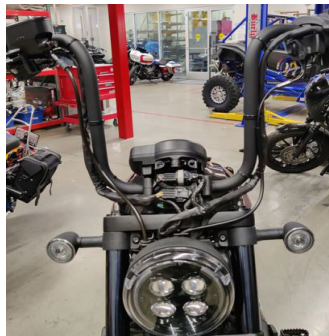


figure 47



figure 48

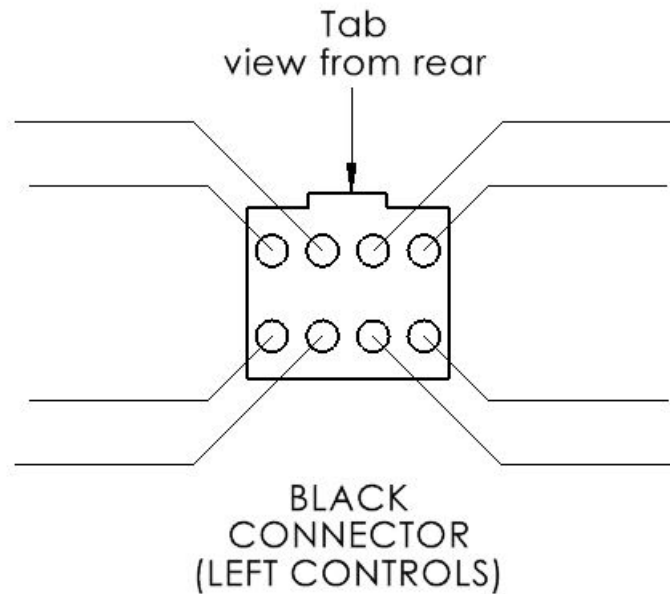
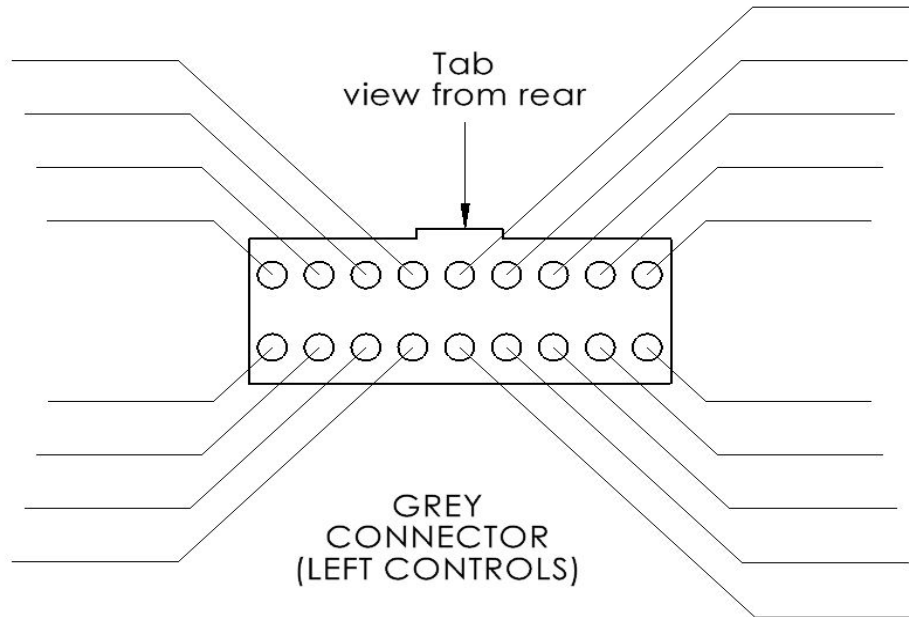




# INSTALLATION INSTRUCTIONS

## Extended cable/line kit

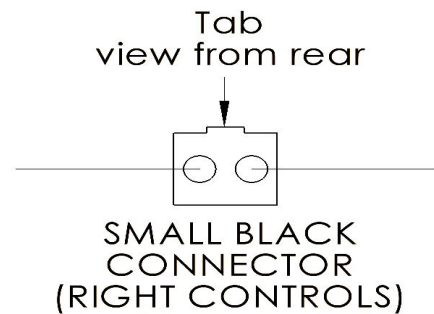
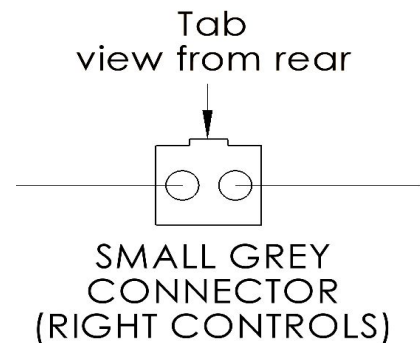
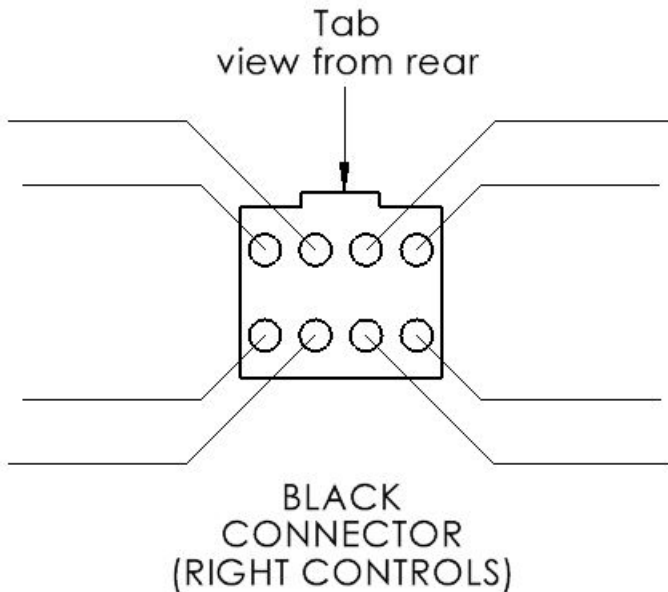
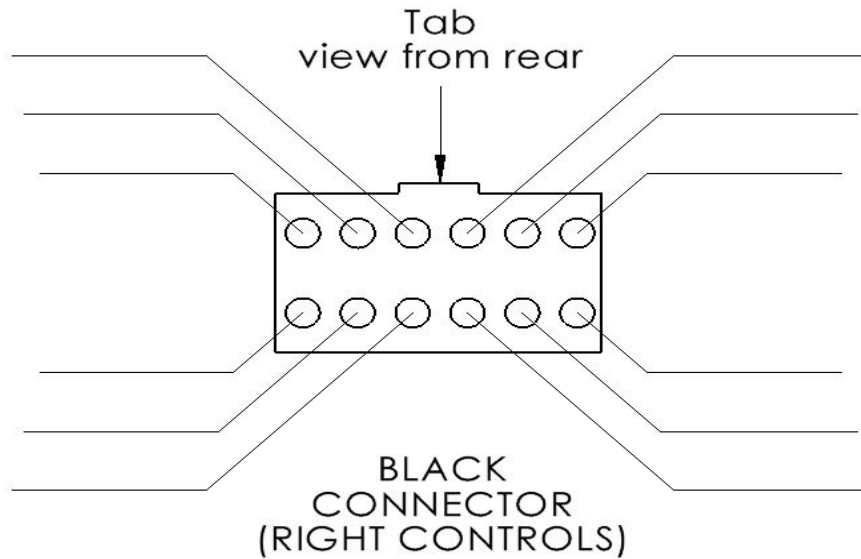
USE THIS SHEET TO DOCUMENT THE COLOR OF WIRES COMING OUT OF THE CONNECTORS



# INSTALLATION INSTRUCTIONS

## Extended cable/line kit

USE THIS SHEET TO DOCUMENT THE COLOR OF WIRES COMING OUT OF THE CONNECTORS





# INSTALLATION INSTRUCTIONS

## Extended cable/line kit

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After installing these components it is vital that ALL controls be adjusted to the recommended specifications noted in your factory authorized service manual. DO NOT attempt to operate the vehicle before making such adjustments or damage, injury, or death may result.

## LIMITED GUARANTEE

We continually inspect and try to improve our products. All parts have been inspected prior to packaging, and our guarantee is limited to replacement of defective parts. This guarantee is in lieu of all guarantees or warranties implied or expressed. Because we can not control the application of our products, the buyer assumes risks for any and all damage caused by themselves or any third party, by virtue of failure of these parts. We make no warranty as to products distributed by us, expressed or implied, including without limitation, any warranties or merchant ability and fitness for particular purpose. We will, however, pass on all warranties made by the manufacturer, who has sole responsibility for performing such warranties. The manufacturer shall solely be responsible for any damage to person or property arising from design, manufacturing and testing of all products, and we accept no liability for such damages. We shall not be liable for indirect or consequential damages.

