

Copyright © 2019 by Big Bike Parts, Inc. No part of this instruction sheet may be reproduced without the written permission of Big Bike Parts, Inc.

PART NO. 41-403

ACCESSORY SUB HARNESS

12/3/2019

FITMENT: CAN-AM RYKER 2019-NEWER

TOOLS NEEDED:	T30 TORX	T20 TORX	PUSH PIN PLIERS	WIRE CUTTER/CRIMPER	LARGE PHILLIPS SCREWDRIVER
	SMALL PHILLIPS SCREWDRIVER		EXTRA-SMALL STRAIGHT SCREWDRIVER		

PLEASE READ THROUGH AND UNDERSTAND THESE INSTRUCTIONS BEFORE BEGINNING.

ESTIMATED INSTALLATION TIME: 30 TO 45 MIN.

INSTALLATION:

1. STARTING AT THE REAR OF THE RYKER, REMOVE THE SCREW HOLDING THE REAR FENDER TRIM (**FIG. 1**).
2. LIFT THE FRONT OF THE REAR FENDER TRIM TO RELEASE IT FROM THE RUBBER GROMMETS AND SLIDE IT BACK TO REMOVE (**FIG. 2**).
3. REMOVE THE THREE SCREWS HOLDING THE LEFT TAIL LIGHT (**FIG. 3 & FIG. 4**).
4. REMOVE THE LEFT TAIL LIGHT AND DISCONNECT THE TAIL LIGHT WIRE HARNESS.
5. REPEAT STEPS 3 AND 4 ON THE RIGHT SIDE.
6. REMOVE THE TWO PUSH PINS HOLDING THE LEFT SIDE PANEL SHOWN IN **FIG 5**.
7. PULL THE LEFT SIDE OF THE FRONT FASCIA EXTENSION OUTWARD SLIGHTLY (**FIG. 6**). WHILE HOLDING OUTWARD, PULL THE TAB ON THE END OF THE FRONT FASCIA EXTENSION OUT TO RELEASE AND PULL IT FORWARD TO RELEASE (**FIG. 6**).
8. REMOVE THE PUSH PIN HOLDING THE FRONT OF THE LEFT SIDE PANEL (**FIG. 7**).
9. PULL THE FRONT OF THE LEFT SIDE PANEL STRAIGHT OUTWARD TO RELEASE THE METAL CLIP.
10. PULL THE REAR OF THE LEFT SIDE PANEL OUT TO RELEASE THE TAB AND SLIDE THE SIDE PANEL FORWARD TO REMOVE.
11. REMOVE THE SUB-HARNESS FROM THE KIT AND DETERMINE THE LEFT AND RIGHT CONNECTORS (**FIG. 9**).CONNECT THE SUPPLIED SUB-HARNESS TO THE TAIL LIGHT HARNESSES ACCORDING TO **FIG. 8 & FIG. 9**.
12. RUN THE SUB-HARNESS ALONG THE OEM TAIL LIGHT HARNESS UNDER THE LEFT SIDE OF THE RYKER TOWARDS THE FRONT. *USE WIRE TIES TO SECURE AS NEEDED. (BE SURE SUB-HARNESS IS SECURED AWAY FROM THE REAR WHEEL OR ANY MOVING PARTS.)*
13. LIFT THE TWO TABS HOLDING THE HOOD IN PLACE AND SLIDE IT FORWARD TO REMOVE IT.
14. REMOVE THE ISOLATOR BOX SUPPLIED IN THE KIT.
15. MOUNT THE ISOLATOR BOX IN THE DESIRED LOCATION IN THE FRONT OF THE RYKER. *(BE SURE IT DOES NOT INTERFERE WITH MOVING PARTS AND IS AWAY FROM HOT COMPONENTS)*
16. DISCONNECT THE POSITIVE AND NEGATIVE BATTERY CABLES.
17. RUN THE 4 WIRES FROM THE LEFT SIDE AND THE YELLOW WIRE FROM THE RIGHT SIDE OF THE ISOLATOR BOX TO THE END OF THE HARNESS FROM STEP 12 (**FIG. 10**). *USE WIRE TIES TO SECURE AS NEEDED.(BE SURE WIRES DO NO INTERFERE WITH MOVING OR HOT COMPONENTS)*
18. *RUN THE RED WIRE AND GREED WIRE FROM THE ISOLATOR BOX TO THE BATTERY. USE WIRE TIES TO SECURE AS NEEDED.(BE SURE WIRES DO NO INTERFERE WITH MOVING OR HOT COMPONENTS)*
19. USE THE BLUE WIRE SPLICES SUPPLIED TO CONNECT THE FIVE WIRES FROM STEP 17 TO THE ACCESSORY SUB-HARNESS (**FIG. 10**). MATCH THE CORRESPONDING COLORED WIRES FROM THE ISOLATOR BOX TO THE SUB-HARNESS WHEN SPLICING. **NOTE: TRIM WIRES FROM THE ISOLATOR BOX TO DESIRED LENGTH BEFORE SPLICING. DO NOT CUT WIRES FROM ACCESSORY SUB-HARNESS OR REMOVE END CAPS ON THE WIRES.**
20. CUT THE RED WIRE FROM THE ISOLATOR BOX ROUTED TO THE BATTERY TO THE DESIRED LENGTH AND STRIP THE END. *(BE SURE WIRE IS LEFT LONG ENOUGH TO REACH POSITIVE BATTERY TERMINAL).*
21. CRIMP ONE OF THE SUPPLIED RING TERMINALS ON THE RED WIRE FROM THE ISOLATOR BOX.
22. REATTACH THE POSITIVE BATTERY CABLE AND INCLUDE THE RED WIRE FROM THE ISOLATOR BOX.
23. CUT THE GREEN WIRE FROM THE ISOLATOR BOX TO THE DESIRED LENGTH AND STRIP THE END. *(BE SURE WIRE IS LEFT LONG ENOUGH TO REACH NEGATIVE BATTERY TERMINAL).*
24. CRIMP A RING TERMINAL ON THE END OF THE GREEN WIRE FROM THE ISOLATOR BOX.
25. REATTACH THE NEGATIVE CABLE ON THE BIKE AND INCLUDE THE GREEN WIRE FROM THE ISOLATOR BOX.
26. TEST EACH OF THE FUNCTIONS OF THE ISOLATOR BOX.
27. REASSEMBLE THE RYKER IN REVERSE ORDER.

INSTALLING ACCESSORIES:

28. USING A PHILLIPS SCREW DRIVER REMOVE THE FOUR SCREWS AND COVER FROM THE ISOLATOR BOX.
29. USING **FIG. 10** AS A GUIDE TO LEARN WHAT EACH TERMINAL CONNECTOR IS TO BE USED WHEN ATTACHING ACCESSORIES. **NOTE: THE ISOLATOR BOX COVER ALSO HAS A DIAGRAM FOR THE TERMINAL BLOCKS.**
30. CONNECT THE POSITIVE WIRES FROM YOUR ACCESSORIES TO THE TERMINALS MARKED (+) IN THE LOCATION YOU WANT.
31. CONNECT THE NEGATIVE WIRE TO ANY OF THE TERMINALS MARKED (-) AS THESE ARE ALL COMMON.
32. IF INSTALLING OR PLANNING ON MULTIPLE ACCESSORIES USE METHOD SHOWN IN **FIG. 11** FOR A CLEAN AND SAFE INSTALLATION.
33. REPLACE COVER AND FOUR SCREWS.

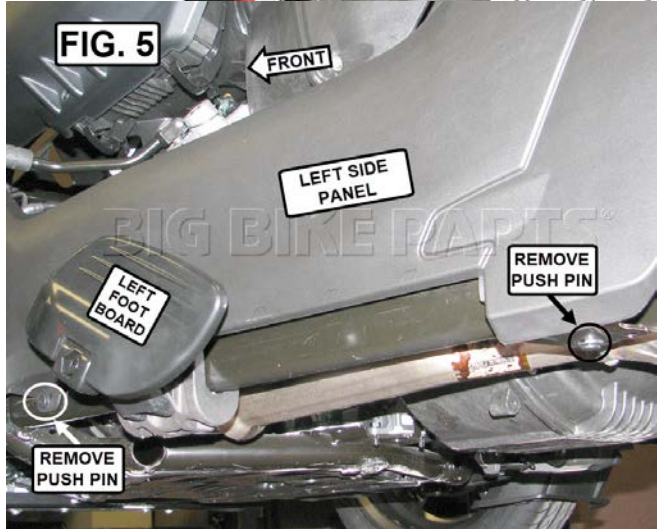
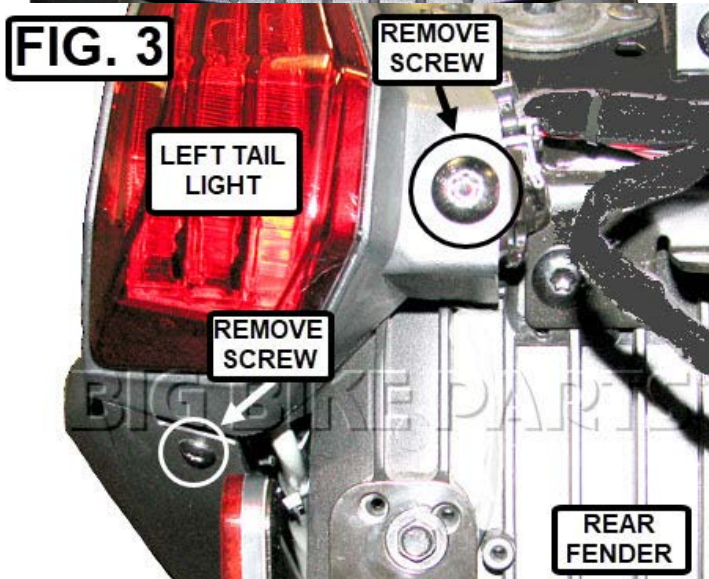


FIG. 7

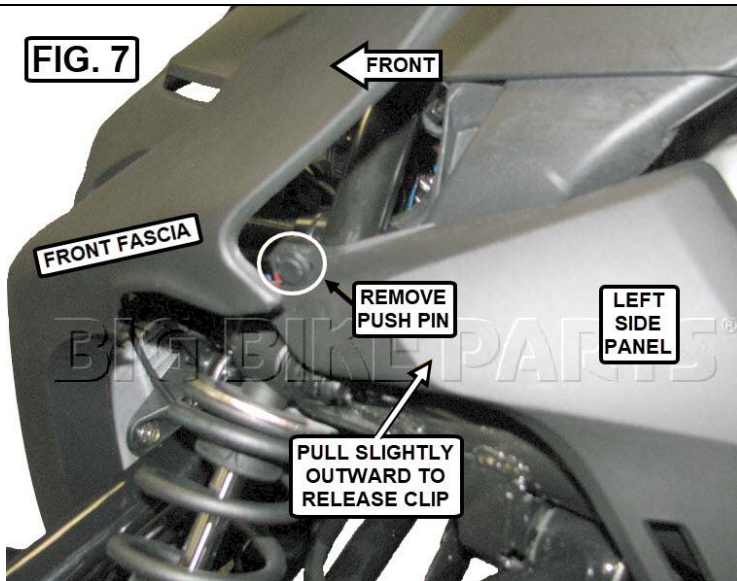


FIG. 8

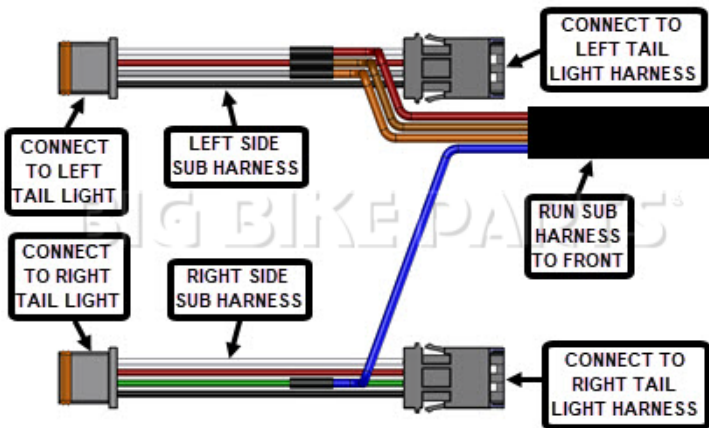
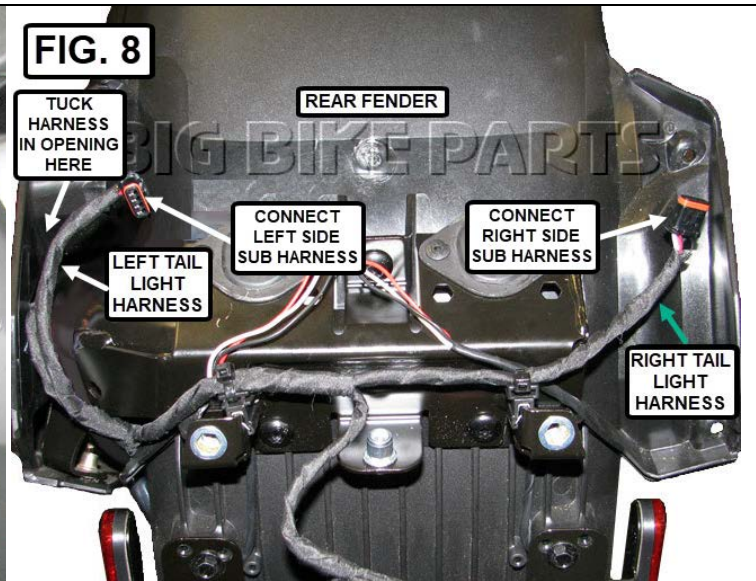


FIG. 9

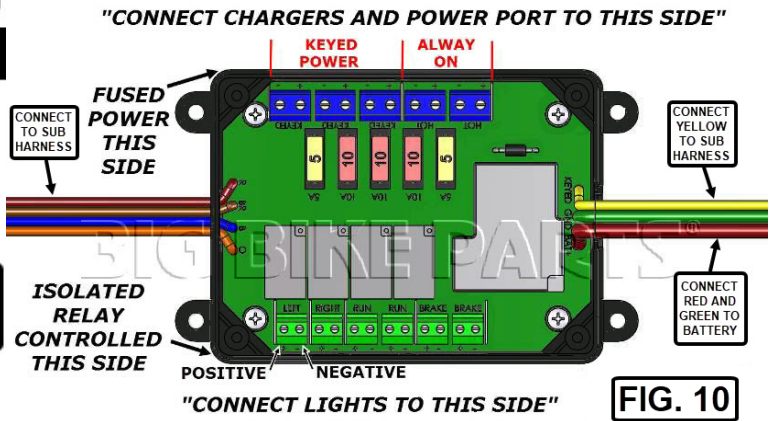


FIG. 10

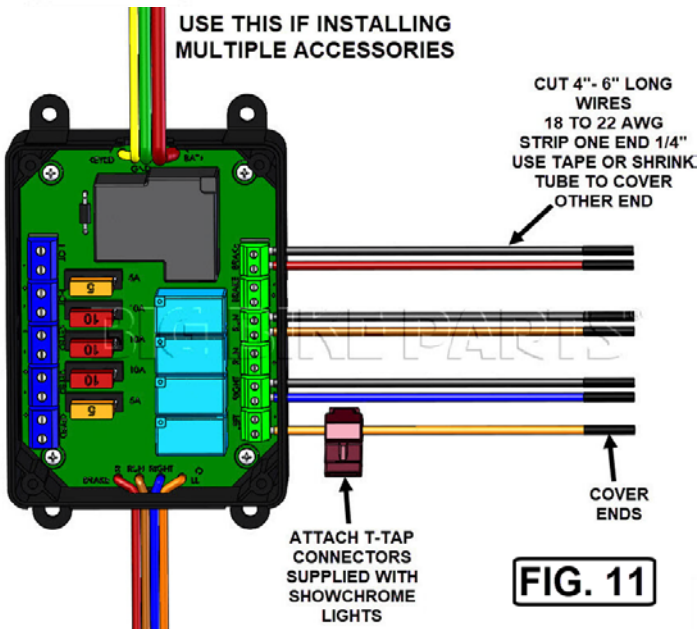


FIG. 11

NOTICE

IGNORING THE CONTENTS OF THESE INSTRUCTIONS MAY AFFECT THE PRODUCT PERFORMANCE AND FUNCTIONALITY. NOT FOLLOWING THESE INSTRUCTION MAY CAUSE DAMAGE TO THE PRODUCT OR THE VEHICLE TO WHICH IT IS BEING ATTACHED.