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Installation Instructions 7-27-21

## **Model RYK-SBT-KIT**

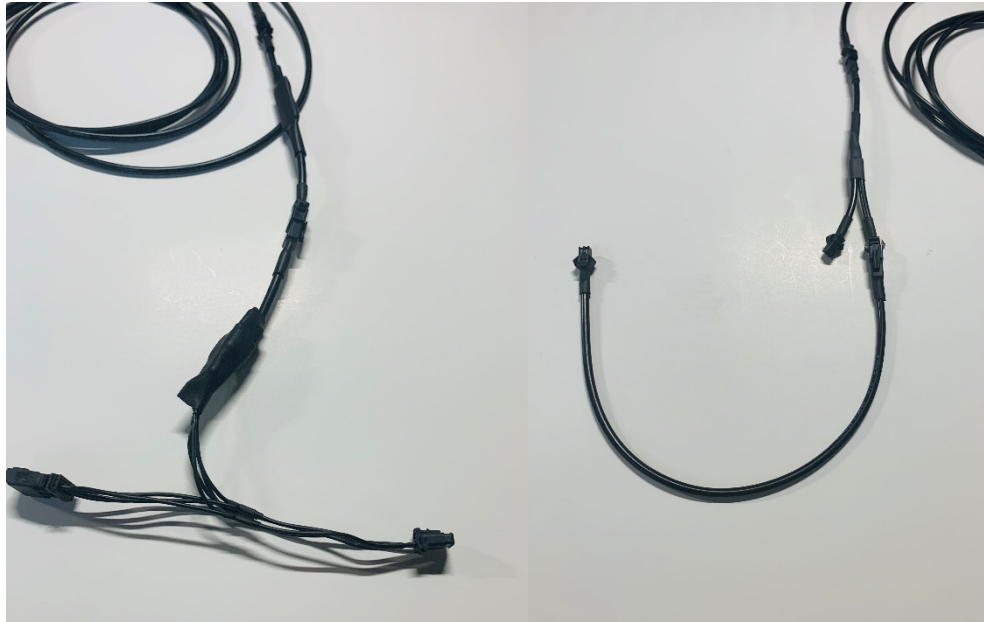
### **Ryker Rear Saddle Bags & Trunk Kit**

## **Steps needed to install your Ryker Saddle Bags & Trunk**

### **DO NOT USE IMPACT DRILL ON BOLTS OR NUTS.**

(Stainless Steel Hardware is Softer Metal and can strip the threads.)

You must use lubricant on bolts and nuts to prevent galling. Minimum WD40, preferably Anti-Seize Stainless Steel Lubricant MRO 1000



Connection to Left or Right  
Rear Tail Light

Saddle Bag & Trunk  
Connection. Long wire  
connects to Saddle Bag  
Short connects to Trunk

1.- First Remove the 2 screws each side of rear Led Taillights. The screws are located under side as shown here. This will allow the rear center cover to be removed as shown. Then remove the lower screw form the center plastic panel. Shown removed here.

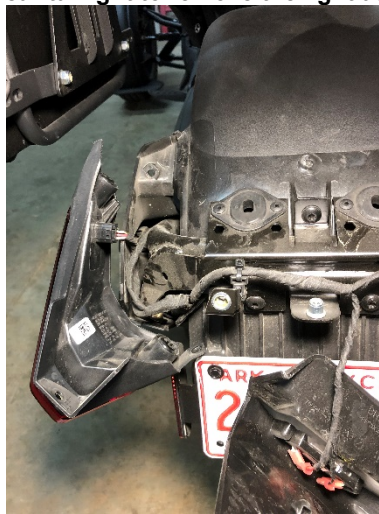
### **Notice!**

**Before installing the trunk and saddle bag brackets, once the rear light is removed, install the wiring harness, and plug in the saddle bags and trunk so you can see how all wires are connected and to make sure it works correctly per instructions. Once it works then you can install brackets and complete the install.**

**Verify your Rear shock is set to the max settings. Depending on 2 up riders you may need to upgrade your rear shock to the Elka Stage 4 shock to make sure your max mount does not bottom out on your rear fender. See Slingmods to Order.**



2.- Next remove the screw for each rear taillight to remove the light as shown below. Do this for each side.



Remove this side panel and screw to allow easy access to the main wiring harness. This is the harness you will Run the new harness parallel too.



3.- Once both rear lights are open to allow the harness connection to be seen, take the new wiring harness which already has the "Y" adapters installed, Start with using one cable for the left side and plug into existing harness for the left side rear light as if you were standing at the rear looking at the Ryker. Then take the existing rear light and plug into the additional leg to allow the rear connection as it was from the factory. End-result is your new wiring harness will plug into the factory existing harness and the remaining leg of the new harness will plug into the rear factory taillights. Do the same for the right side.

**MAKE SURE NOT TO BEND THE ELECTRONIC MODULES WHEN PLACING THE REAR LIGHT COVERS BACK ON NOT TO DAMAGE THEM BOTH.**

4.- Take each wiring harness left side first then right side and run it along the factory harness up to the pivot area of the rear trailing arm. Use the supplied wire ties. Remember which one is left & right side.

5.- Next take the rear trunk support as shown below and bolt it using the 4-6mm bolts supplied to the under side of the rear Max Mount. **Make sure the rear Plastic under the Max Mount used on a Rally Model is removed. CONTACT Spyder Extras for an optional panel that works with the trunk mounts.**

**If you plan on using the trunk for always carrying objects, remove the passenger seat and use the two supplied button head bolts in lieu of the 6mm bolts for the rear two bolts. Using a small right-angled drill or remove your max**

mount drill out the two rear 6mm threaded stubs on the underside of the max mount shown below using a 1/4" drill bit where we show a 1/4" hole. Do this for both sides and use the supplied bolts washers and locknuts to secure the trunk mount to support the additional weight. Then reinstall the rear passenger seat.



Install the two rear bolts first to hold the mount in place. Do not tighten at this point. Be sure to apply a medium strength **LocTite Blue** to each bolt. Now install a wire clamp on the front bolts each side. Once all bolts with **LocTite** are installed tighten them all down.

Once secure take each side saddle bag mount and bolt to the center trunk mount as shown below with the 8 bolts and nuts provided. The bolts are supplied with locknuts. Before installing the rear outside bolts that mount the saddle bag mounts below, install the 2 remaining wire clamps before you install the nuts each side. This allows the harness to run through the front wire clamp then the rear clamps to secure the harness underneath.



Install the 1/4"-20 flanged bolts to secure the saddle bag mount to the main side mounts below. Be sure to use the washer before the locknut on opposite side for all 4 bolts each side of Ryker. Install the 4 rubber bumpers on each saddle bag mount shown above. **Make Sure this bracket #1 matches #1 saddle bag and #2 bracket matches #2 Saddle Bag.**

## PLEASE NOTE:

One of the brackets is engraved with a circled number 1 (see photo left).

That bracket should pair with the saddle bag with a white number one / line painted on the rear of the saddle bag (see photo right).

Failure to match the two together will not allow you to lock the saddle bag to the bike.



6.- Once the rear trunk and saddle bag mounts are positioned take each saddle bag and install it. They install with the Led light wire on the rear inside as shown below.



7.- Now run the wiring harness up the back of the Max Mount along the new rear trunk mount. The wiring harness main cable will stop at the trunk mount location under the Max Mount. Make sure it is free of being snagged. **To help hold the new harness, the supplied wire clamps you installed on the front bolts that mounts the rear trunk mount to the Max Mount and the rear bolts towards the rear of the Ryker that mount the saddle bags brackets provide a place to secure the harness.** The wire clamps mounted below provide a support for the wiring harness left & right-side for the saddle bags & rear trunk LED Lights. Plug in each saddle bag to the wiring harness connector. Secure wires to center of gussets each side with wire ties provided. Make sure to keep each main harness for the left side on the left and the right side on the right.



On each saddle bag, use the supplied wire ties and after the amount of length is needed to plug the unit into the main harness, tie up the remaining wire to hinge as shown above making sure to allow enough for the lid to open 100%.

8.- Next take the rear trunk and drop it into its cradle and lock in place. Plug the rear wiring harness of the trunk each side. Before tying up loose wires check all lights to make sure they work properly. Brakes, Left & Right turn Signals.

All lower Led lights on Trunk and Saddle Bags should light as the photo below.

With wire ties provided, tie up loose ends by placing any excess. Reassemble in reverse all panels and rear light covers.



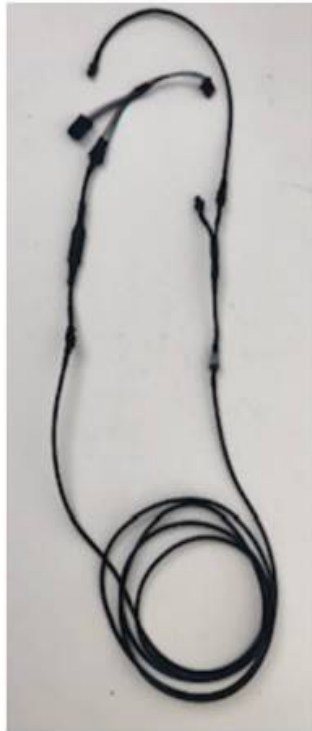
9.- Your new Rear Trunk and Saddle Bags are installed.

**Max weight limit for trunk & saddle bag is 10 pound each.**

**Be sure to adjust your rear shock to the Max adjustment for Stiffness per the factory manual. If need be, take to your local dealer to have them adjust the shock spring.**

**47 L of Trunk Storage and each Saddle Bag 23 L**

**Total Gross Weight of all Brackets, Trunk, Saddle Bags and Hardware, 39 lbs.**



**COMPLETED WIRE**



**WIRE A  
TAIL LIGHT  
Y-WIRE**



**WIRE E  
EXTENSION  
WIRE TO TRUNK**



**WIRE B  
MODULE  
WIRE**



**WIRE D  
Y-ADAPTER  
SPLIT TO TRUNK  
AND SADDLE BAG**



**WIRE C  
LONG WIRE  
RUN ALONG  
BIKE CHASSIS**

1. UNPLUG TAIL LIGHT FROM BIKE.
2. PLUG SINGLE SIDE OF WIRE A INTO BIKES TAILLIGHT PLUG.
3. PLUG REMOVED TAIL LIGHT WIRE INTO ONE OF THE Y-SPLITS ON WIRE A
4. PLUG WIRE B INTO LAST OPEN PLUG ON WIRE A
5. PLUG WIRE C INTO WIRE B MODULE.
6. PLUG SINGLE SIDE OF WIRE D INTO WIRE C.
7. PLUG ONE OF THE SPLITS ON WIRE D INTO WIRE E.
8. OTHER SPLIT ON WIRE D CONNECTOR WILL PLUG INTO SADDLE BAG.
9. PLUG THE WIRE RUNNING FROM TRUNK INTO WIRE E. WIRE E IS AN EXTENSION TO TRUNK.
10. REPEAT ON OTHER SIDE.

**TO AVOID ACCIDENTALLY LOCKING KEYS IN BAGS WE RECOMMEND YOU IMMEDIATELY SEPARATE A KEY FROM BOTH THE SADDLE BAG AND TRUNK AND STORE SEPERATELY. THESE ARE LASER CUT KEYS AND CANNOT BE RE-PRODUCED OR PICKED BY A LOCKSMITH.**

Your Ryker Saddle Bags and Trunk are now installed!  
Enjoy the NEW additional storage space for Helmets etc.

[Spyderextras.com](http://Spyderextras.com)