



Nelson & Nelson Mfg.
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Installation Instructions 6-19-24

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

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.

1.- First Remove the two screws on 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 from the center plastic panel. Shown removed here:



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.



**WIRE A
TAIL LIGHT
Y-WIRE**



**WIRE B
MODULE
WIRE**

3.- Once both rear lights are open to allow the harness connection to be seen, take the new wiring harness and start by using one WIRE A. Y- cable for the left side. Unplug the factory light from its harness for the left side rear light as if you were standing at the rear looking at the Ryker. Take the single side of WIRE A and plug into the now open factory plug. Next plug the factory's lights back into one of two legs on the Y-WIRE. Take Wire – B Module wire and plug into the other leg of WIRE-A. Repeat on the other side of the bike.

**MAKE SURE NOT TO BEND THE ELECTRONIC MODULES WHEN PLACING THE REAR LIGHT COVERS BACK ON.
BENDING THESE WIRES CAN CAUSE A SHORT OR OTHER ELECTRICAL ISSUES.**

4.- Take the longest wire, WIRE C, and connect to the wire-b module from step 3. These wires will pull turn direction from the taillight, so be sure to remember which side is coming from the left turn light and which is coming from the right turn light. With B and C are connected run it along the factory harness up to the pivot area of the rear trailing arm. Use the supplied wire tie to secure the wires along the way.

Make sure the rear plastic shield under the Max Mount (used on a Rally Model) is removed.
CONTACT Spyder Extras for an optional water shield that works with the trunk mounts.

Mounting the trunk plate bracket:

If you plan on using the trunk for always carrying objects, see important information in red below.

5.- Next take the rear trunk support and mount it to the underside of the rear Max Mount by using the four 6mm bolts supplied. Be sure to apply a medium strength **LocTite Blue** to each bolt. Install the two rear bolts first to hold the mount in place. Do not tighten at this point. Two of the supplied wire clamps will install on the front two max mount bolts. Once all bolts with **LocTite** are installed tighten them all down.

If you plan on using the trunk for carrying heavier objects, remove the passenger seat and use the two supplied button head bolts in lieu of the 6mm bolts for the rear two bolts. To make them fit use a small right-angled drill on the underside of the 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 now creating a 1/4" hole.

Do this on both rear side max mount holes. Then use the supplied bolts washers and locknuts to secure the trunk mount. This will help to support the additional weight. Finish by using two of the 6mm bolts on the front twomax mount holes, then reinstall the rear passenger seat.



Once secure, take each L-Shaped saddle bag mount and bolt to the center trunk mount as shown below with 8 of the bolts and nuts provided. The bolts are supplied with locknuts.

Before all lock nuts are installed, mount the two remaining wire clamps to the outside last bolts before securing with anut. 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 click it into place. They install with the Led light wire on the rear inside as shown below.



8.- Next take the rear trunk and drop it into its cradle and lock in place. The trunk will lock when closed. Do not leave keys in the trunk during install. We highly recommend you take your keys and put a spare away.

9. -Take the single side of WIRE D and connect to longest wire, WIRE C. One of the legs on WIRE D will plug into the saddlebags the other leg will plug into the extension wire, WIRE E.



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



**WIRE E
EXTENSION
WIRE TO TRUNK**

Now run the connected 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.

The supplied wire clamps you installed under the max mount will provide a place to secure the harness. Be sure to run wiring through the clamps.

Plug in each saddle bag into a leg of the wiring harness WIRE-D. Secure wires on both sides to center of gussets 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.

10. – Plug the wire running from the trunk into the WIRE E extension wire.



On each saddle bag, use the supplied wire ties and after the amount if 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%.

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.

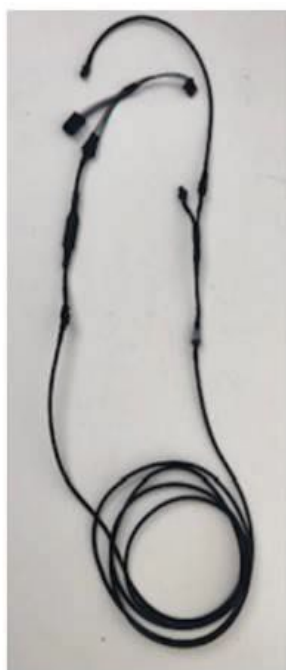
9.- Your new Rear Trunk and Saddle Bags are installed.



**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 CHASITY**

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



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Installation Instructions 6-19-24

Model RYK-TCVR
RYKER TRUNK BRACKET COVER PLATE KIT

Steps needed to install your Cover Plate.



- 1.- Check your Saddle Bag Brackets to see if the pushpin holes for the cover plate are present. If earlier versions place the cover plate over the bolts shown below. Make sure there is equal space on front & back as well as side to side. Mark the hole locations and drill an 1/8" pilot hole first. Then a 5/16" hole to match the two holes in the cover. Install the cover by installing the two supplied push pins.



We thank you for purchasing our Ryker Accessory Kits. Today we know the need for accessories that provide a higher level of comfort & style while riding and we have solved that demand with a stylish system that compliments the design of your Ryker®!

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