

## Step 1: Traxxion Dynamics Trunk Base Bracket Installation

These steps are required to prepare the bike for all optional kit installations. It is VERY important to keep all hardware segregated and marked. If you place the wrong screws in the wrong places, you can damage the painted bodywork. A handy tip is to use a muffin tray to organize your parts and label them.

Optional: Go to [Hondaline Accessories.com](http://HondalineAccessories.com), then download and print the instructions for the "Trunk Removal Kit". Do not follow the Honda Instructions... they will have you doing much more work than is necessary. They will be helpful if you use them for photos and sketches of hardware locations, etc.

We have posted several helpful videos on Youtube. Search for: "2018 Honda Goldwing Trunk Kit".

1. Open saddlebags.
2. Remove Side Covers.
3. Remove Saddle.
4. Remove passenger grab rails.
5. Unplug right speaker wire, located in large black boot under right passenger grab rail. (TIP: the dust boot around the connectors makes it difficult to work with the connectors. Use a razor knife or scissors, and cut the top side of the boot approximately 2" or 50mm to allow easier access.) If motorcycle has Hondaline trunk subharness, disconnect this at the same time. Push boot way back as release is on the bottom of the connector, not at the top as it might appear.
6. Unplug large block connector in large black boot under left passenger grab rail. (TIP: the dust boot around the connectors makes it difficult to work with the connectors. Use a razor knife or scissors, and cut the top side of the boot approximately 2" or 50mm to allow easier access.) Push boot way back as release is on the bottom of the connector, not at the top as it might appear.
7. Remove passenger backrest. 6 screws under lid, 2 screws at each side, and 1 electrical connector.
8. Remove center plastic cover (at base of passenger's back). 2 screws located inside trunk.
9. Place a large piece of masking/duct/gaffer's tape onto the top of each saddlebag, tucked underneath each passenger speaker. There is a screw under it that can scratch your saddlebag top. Remove left and right side trunk painted plastic/speaker cover.
10. Remove (4) screws and electrical connector holding painted panel under the trunk in the center.
11. Remove (4) screws holding latch assembly in the top of the right saddlebag. Facing the saddlebag, pull the right side of the assembly down, then shift the entire assembly to the right to allow it to clear the taillight bolts at the rear of the bag, and it will then drop down. Remove the emergency trunk release cable from the latch panel and push out the grommet in the wall of the saddlebag. Install rubber block off plug in the cable hole in the saddlebag. Reinstall the switch panel.
12. Remove the 12mm head bolts holding the front of the trunk subframe to the frame of the motorcycle. They are located by the passenger grab rails.
13. Remove License plate/fender. (2) 5mm allen bolts are hidden above license plate at an angle. Pull fender away from bike to remove.

15. Remove cap over Emergency Trunk Release Lock. Remove lock panel. (2) Honda pushpins, and (2) 5mm Allen bolts hold it in place.

16. Remove 4 bolts holding each saddlebag to the bike. 2 on the floor, one on the upper rear back wall, and one on the upper front, outside of the bag. Saddlebags are now loose.

Pull saddlebags out enough to remove mounting bolts on the subframe. Each side has (1) 10mm head bolt and (1) 12mm head bolt. Remove the entire trunk assembly and take it to your workbench. Be aware of trunk emergency release cable, as it will require some assistance to get it routed out of the bike as you pull the trunk away.

17. Install base mount brackets using hardware removed in Step 15. Each is marked L and R with arrow pointing forward.

18. Reinstall saddlebag hardware. Be careful as you push the saddlebags back into place. Under the saddlebags is a hat-shaped fender washer that will fall out sometimes.

19. Install Emergency Key Lock, Key Lock Cap, and Rear Fender.

Bike is now prepared for all optional kits to be installed.

Continue onto next set of instructions for your intended use.

## **Step 2: Traxxion Trunk Removal Kit Installation, WITHOUT Hondaline support bracket.**

This is for people who do not intend to ever use a luggage rack or passenger backrest with the Honda painted rear cover. No adapter brackets are bolted to the Traxxion Base Brackets for this Option. (If, at any time in the future you want to add those accessories, we can supply the necessary adapters. Your bike will not need to be disassembled again to install those parts).

We have posted several helpful videos on Youtube. Search for: "2018 Honda Goldwing Trunk Kit".

1. Install 4 rubber grommets into holes in painted saddlebag tops. Rub a tiny dab of grease in each hole.
2. Install Passenger Grab Rails.
3. Install Honda painted shelter. This fits very tightly and snaps in place by barbs inside the cover.
4. Install (2) Honda pushpins into holes in cover where it meets the passenger grab rails.
5. Snap in Honda painted trim covers on top of cover.

### Step 3A: Trunk Subframe Modification

These steps are required to modify the OEM Honda trunk subframe for use with Traxxion Trunk Kits. They can be accomplished using anything from a machine shop to a very crude set of hand tools

We have posted several helpful videos on Youtube. Search for: "2018 Honda Goldwing Trunk Kit".

There is a specific video of these instructions available there.

1. Remove the downward side mounting brackets from the subframe. These are welded in place from Honda. You will cut the brackets off where the three bars on each side meet the plate that is welded to the frame. The plate welded to the frame is to remain in place. You want to cut the brackets off as close to those plates as possible. This can be accomplished with a hacksaw, Dremmel Tool, or a cut-off wheel on a die grinder.

2. Using a Mill, a hand-held belt sander, or a file, you need to smooth the surface of the bracket where you cut the down brackets off. Your goal is to take away the bumps left behind from where you cut and any welding above the flat surface of the bracket. The goal is to leave the welded plate in place, with a smooth surface.

3. You will drill (2) 9/32"/7mm holes on each side of the bracket into the surface of the welded plate. These must be PRECISELY measured and drilled. You will need a metric tape measure. Accuracy to within 1mm is REQUIRED.

Hook the tape measure onto the bevel cut angled edge of the subframe and measure back onto the welded plate. The first hole needs to be at 170mm and the second at 208mm. Center the holes on the rails (The two holes will both be on the welded plate, just forward of the protruding ear on each side of the subframe.)

Drill completely through both sides of the box section of the subframe.

4. Turn the subframe over, and open the 9/32"/7mm holes on the TOP SIDE ONLY to 7/16"/11mm. DO NOT DRILL THROUGH BOTH SIDES, OR SUBFRAME IS RUINED!!!

5. Clean and deburr all holes.

6. Clean metal surface thoroughly and spray with gloss black enamel paint for corrosion resistance. We recommend masking the areas that don't require paint, as there is no need to repaint the entire subframe.

Modified Subframe is now ready for installation on the Trunk Assembly.

### Step 3B: Trunk Assembly and Modification

These steps are required to build the trunk into a complete standalone assembly. They should be performed on a large flat surface, with a clean soft towel or blanket on the surface, as you will be moving and rolling the assembly around on the painted parts.

We have posted several helpful videos on Youtube. Search for: "2018 Honda Goldwing Trunk Kit".

1. Remove stock subframe. (4) 5mm bolts inside trunk hold it in place. When you remove bolts, beware that silver collar washers in between subframe and trunk bottom may fall off.
2. Place MODIFIED subframe under trunk (purchased from Traxxion, or modified by owner in Step 3A). Emergency Release Cable should be routed over the crossbar of the subframe, NOT between the trunk and subframe.
3. This next step can be challenging, take your time. A second set of hands can be useful if you have another person around to help.

If any of the large silver collar washers in between the subframe and the trunk have fallen off, you'll need to locate them one at a time. The collar needs to point upward into the trunk. Inside the trunk, place a rubber washer, a fender washer, and a bolt into the factory holes. Leave these VERY loose until all 4 bolts are started. Once all bolts are started, tighten all hardware.

2. Tilt the trunk forward so that the open lid is down and the trunk is pointing up. Drill from the bottom up through the holes in the subframe into the trunk using a 9/32" drill bit. Take your time and drill very straight up into the trunk.
3. From inside the trunk you now have (4) 9/32" holes. Enlarge these holes using a 1/2" drillbit or step drill. Clean and deburr the holes you drilled.
4. Use Duct Tape or Gaffer's Tape and secure the Emergency Release Cable to the bottom of the trunk. This step is optional, but it makes placing the trunk easier when you are working by yourself.
5. Install the painted center/under and side panels.
6. Install the passenger backrest.
7. Install the center trim piece (on front side of trunk).
8. If you intend to use the Trunk Relocation Kit to move the trunk backwards, you will need to go to Youtube and watch a video called:

2018+ Honda Goldwing Trunk Relocation – Side Panel Modifications

Follow the instructions in that video.

The trunk is now a complete, standalone assembly ready for installation.

## **Step 4B: Trunk Installation, Rearward Location**

These instructions require you to complete “Step 1: Base Bracket Installation”, “Step 3A: Trunk Subframe Modification”, and “Step 3B Trunk Assembly and Modification” prior to commencing this step.

We have posted several helpful videos on Youtube. Search for: “2018 Honda Goldwing Trunk Kit”.

1. Install stainless steel Trunk Mounting Brackets onto Base Brackets. Arrows point forward. These parts are identical, no left or right.
2. Disconnect electrical connectors on both inboard sides of the rear mounting holes on the frame of the motorcycle. This will facilitate installation of stepped adapter brackets.
3. Install small black stepped aluminum adapter brackets onto motorcycle frame. Use stock Honda bolts, and leave loose. Arrow goes forward.
4. Place trunk assembly in place. Be careful not to scratch the painted surface of the bottom of the trunk on the stainless steel mounting brackets. Be sure to hold the painted center cover (under the trunk) below the brackets as you slide it forward into place. **DO NOT WALK AWAY**, Trunk can fall backwards onto the ground! **PULL** Emergency lock cable and open trunk lid. This will put some weight forward and let the trunk balance while you move around to install bolts.
5. Install front bolts in subframe bracket into stepped Traxxon brackets installed in Step 3. Leave these bolts loose at this time.
6. Install (4) bolts and spacer collars into holes inside trunk **ONE AT A TIME**. **CAREFULLY** start the threads on each bolt. You may have to wiggle and push the trunk somewhat to get each bolt started. Once all bolts are started, tighten all hardware, including forward subframe bolts and stepped bracket bolts.
7. Connect wiring on each side of the bike. (TIP: the dust boot around the connectors makes it difficult to work with the connectors. Use a razor knife or scissors, and cut the top side of the boot approximately 2” or 50mm to allow easier access.)
8. Route Emergency Release cable along the right side wiring harness and place inside of Honda factory zip tie near block connectors.
9. Install passenger grab rails.
10. Put the saddle in place on the bike. Put the upholstered filler in place on the trunk to find approximate location to stick Velcro patches. Remove saddle. Clean area on trunk plastic with alcohol or similar cleaner. Attach Velcro. Attach upholstered filler to trunk. This can be moved and adjusted for optimum appearance after saddle is installed.
11. Install saddle and side covers.

Enjoy!!!