

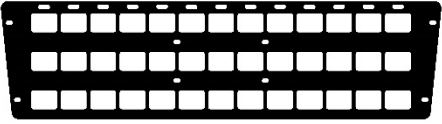
# BAGr TACTICAL LLC

## INSTALLATION INSTRUCTIONS

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These instructions apply to the following BAGr TACTICAL PANEL:

PRODUCT	BAGr TACTICAL CONTENTS	FITMENT	THUMBNAIL
TP-3.13s	TOUR-PAK LONG PANEL WITH LINER MOUNT HARDWARE: 4 COUPLING NUT HARDWARE SETS 4 ANGLE BRACES WITH HARDWARE SETS	HD ULTRA STYLE TOUR-PAK 1993 – 2013 FRONT	

### WARNINGS

**SEE TERMS OF LIMITED WARRANTY BELOW BEFORE INSTALLING AND/OR USING BAGr TACTICAL LLC PRODUCTS.**

YOU are responsible for your personal safety and security and safe keeping of your property.

Do not attempt installation of any BAGr TACTICAL product unless you possess the necessary skills and required tools.

ALWAYS secure your firearms. You motorcycle luggage is secure to a point. A dedicated bad person can breach any locked compartment given time, opportunity and motivation. Please follow all firearm safety rules and secure you firearm at all times. DO NOT GIVE THE BAD PEOPLE TIME OR OPPORTUNITY TO MESS WITH YOUR BELONGINGS.

DO NOT STORE A FIREARM IN A MOTORCYCLE NOT LOCKED IN A SECURE SPACE.

Do not exceed the maximum load of any compartments on your vehicle. This can lead to injury. See your owner's manual for details about maximum loads and safe operation of your vehicle.

### TOOLS NEEDED

Masking tape & marker	Power drill & 5/16 inch drill bit	Alcohol (or other cleaner) & towel
Philips screw driver	3/8 inch open end wrench	Wood scraps to support liner when drilling
Blue thread locker		

### GENERAL TIPS FOR A SUCCESSFUL INSTALLATION

- Consider using scraps of wood to block up the liner when drilling. Arrange two pieces of wood so you drill through the liner wall into an open space between the blocks. If you drill into the wood block, the only trouble you may have is removing the wood drill waste from the liner wall.
  - The wood blocks should not be directly below the hole you are drilling. The fuzzy nature of the liner wall wants to grab hold of the sawdust and not let go.
- MOLLE gear with two rows of loops engaged onto TACTICAL PANELS with rigid stays is the most secure. Gear with single rows can be used, but are less stable.
- MOLLE gear that 'folds' out or down will be less useful when your TOUR-PAK compartment is full. Plan ahead for the most useful solution.
- New MOLLE gear will be easier to attach to the BAGr TACTICAL PANEL if you pre-stretch the nylon loops before installing the panel in the TOUR-PAK. Pre-stretch the loops using the following techniques:
  - Before installing the BAGr TACTICAL PANEL in your bagger, attach the MOLLE gear to the TACTICAL PANEL using the rigid stays.
  - Allow the MOLLE gear loops to stretch over night.
- A long slender slot screwdriver may help lace the rigid stays through the MOLLE loops.
  - Another technique is to press the MOLLE loop from inside the MOLLE pouch so the loop pushes through the opening in the TACTICAL PANEL.
- Consider using blue thread locker for the fasteners to prevent loosening due to vibration.



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- g. In some unusual situations, you may consider attaching the MOLLE gear to the BAGr TACTICAL PANEL before final installation of the TACTICAL PANEL. This may be an effective way to install MOLLE gear with especially tight gear loops found in some items and in new MOLLE gear. This technique may also be helpful for MOLLE gear attached to 3 row tall TACTICAL PANELS using 6 inch stays.
- BAGr TACTICAL PANELS are designed with fasteners (coupling nuts specifically) to allow easy removal of screws from inside the TOUR-PAK liner. This is possible without removing the liner. Remove the black countersunk screw, finish washer and 5/8 inch flat washer.
  - It may be helpful to use a 3/8 inch open end wrench to hold the coupling nut while removing and re-installing the screws when removing the TACTICAL PANEL for any purpose.

### LET'S GET STARTED

1. Remove liner from TOUR-PAK as instructed in the owner's service manual for your particular bike.
2. Attach the four angle braces to the four mounting holes in the ends of the BAGr TACTICAL PANEL using the following hardware components:
  - a. #10-24 1/4 inch long black countersunk screw
  - b. #10-24 weld nut
3. Tighten screws firmly, but allow the angles to rotate easily to align in steps below.
4. Place masking tape on the inside surface of the TOUR-PAK liner where you will drill the liner for the four center fasteners.
5. Place liner on hard surface. Align TACTICAL PANEL inside the liner to serve as a template to locate mounting holes. Position the TACTICAL PANEL in the desired location.
  - a. The panel should be centered from side to side in the liner.
  - b. Be certain the panel is level with the bottom of the liner and does not interfere with any accessories installed in the TOUR-PAK liner.
6. Using a marker and the TACTICAL PANEL as a template, mark the location of the 4 mounting holes on the liner.
  - a. Drill four 5/16 inch holes at the marked locations. This is a slightly oversized hole to allow some adjustment to align TACTICAL PANEL inside TOUR-PAK liner. The hole will be concealed by the 5/8 inch diameter washers. In some cases, you might oversize the hole even a bit more than 5/16 inch. This can help with alignment of the TACTICAL PANEL if the holes you drill are not in exact locations.
  - b. Remove all the masking tape from this area and clean the drill waste from the inside and outside of the liner.
7. Attach four sets of the following hardware components to the four mounting holes in the middle of the TACTICAL PANEL (insert the screws from the textured side of the TACTICAL PANEL):
  - a. #10-24 1/2 inch long black countersunk screw
  - b. #10 black finish washer
    - The above hardware will be on the textured side of the panel & visible when the panel is installed.
    - The screw head and washer should be centered in the slotted hole for the best fit.



The installed TACTICAL PANEL. This is your goal.



TACTICAL PANEL with angle braces attached.



Masking tape with hole locations marked.



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- c. #10 5/8 inch diameter flat washer
- d. #10-24 coupling nut
  - The above hardware will be on the smooth side of the panel & between the TACTICAL PANEL & the liner when the panel is installed.
  - Tighten the above hardware to fit snugly and prevent hardware from moving.

8. Using four sets of the following hardware components, attach the BAGr TACTICAL PANEL to the interior of the TOUR-PAK liner:

- a. #10-24 1/2 inch long truss head screw
- b. Two #10 5/8 inch diameter flat washers
  - The above hardware will be on the outside of the liner.



PANEL installed per step 8.

9. Be certain panel is centered from side to side in the liner and aligned with the bottom of the liner. When the TACTICAL PANEL is aligned, snugly tighten the four truss head screws from the outside of the liner. You may find it helpful to hold the coupling nuts with a 3/8 inch open end wrench in the space between the TACTICAL PANEL and the liner. THIS ALIGNMENT STEP IS IMPORTANT FOR THE BEST INSTALLATION RESULT.

10. THIS SEQUENCE OF STEPS IS IMPORTANT FOR A CLEAN INSTALLATION: Place the liner with the TACTICAL PANEL partially installed back in the TOUR-PAK. Secure the front of the liner to the inside front of the TOUR-PAK. This helps align the TACTICAL PANEL so it does not pull the liner away from the TOUR-PAK. Place masking tape under the angle brackets to allow marking the hole locations.

- a. Rotate the four angle braces to be flush against the inside of the liner. Be certain the TACTICAL PANEL is straight and mark the hole locations for securing the four angle braces onto the masking tape. If the panel is not straight, it may pull the liner away from the inside of the TOUR-PAK.
- b. IT IS ESPECIALLY IMPORTANT TACTICAL PANEL IS NOT BENT BACKWARD IN A MANNER TO PULL FROM OF LINE AWAY FOR TOUR-PAK. IF THIS OCCURS, RE-DRILL THE HOLES FOR THE ANGLE BRACES IN A MORE FORWARD LOCATION.



Secure the liner to the front of the TOUR-PAK.

11. Remove the liner from the TOUR-PAK. Remove the TACTICAL PANEL where it is secured with the four middle fasteners. You can leave the coupling nut, washers and screw attached to the liner for this step.

12. Place the liner on a hard surface and drill the four holes for the corner braces using a 5/16 inch drill bit.

- a. Remove all the masking tape from this area and clean the drill waste from the inside and outside of the liner.

13. Reinstall the TACTICAL PANEL using the four middle fasteners and washers. Loosely tighten the screws.

14. Using four sets of the following hardware components, secure the angle brackets to the interior of the TOUR-PAK liner:

- a. #10-24 1/4 inch long black countersunk screw (visible from inside the TOUR-PAK liner in the corner brace)
- b. #10-24 weld nut (on the outside of the liner)
- c. Loosely tighten these fasteners.
- d. The angle brackets should be seated against the surface of the TACTICAL PANEL and the interior wall of the liner.

15. THIS STEP HELPS KEEP THE LINER FROM PULLING AWAY FROM THE SIDE WALLS OF THE TOUR-PAK: Place the liner with the TACTICAL PANEL installed back in the TOUR-PAK. Verify the TACTICAL PANEL is aligned with bottom of liner and centered from side-to-side.

- a. Securely tighten screws in the angle brackets where they attach to the liner.



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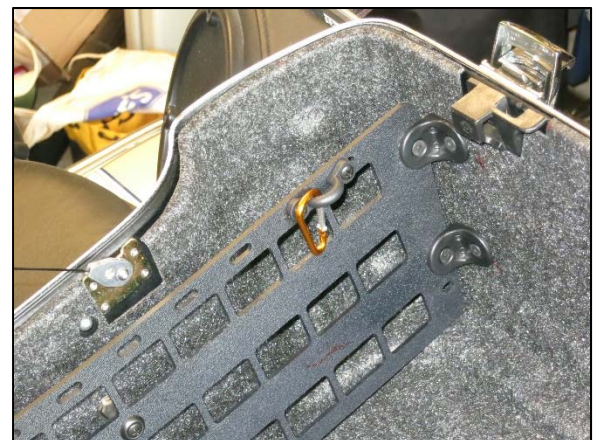
16. Tighten all fasteners.
  - a. Slightly loosen the screws in the angle brackets where they attach to the TACTICAL PANEL. Apply pressure pushing the liner and angle brackets against the side wall of the TOUR-PAK. This should allow the angle bracket to slide outward in the slotted mounting holes in the TACTICAL PANEL.
  - b. Holding pressure against the side wall of the TOUR-PAK, tighten fasteners in the angle bracket where they attach to the TACTICAL PANEL.
17. OPTIONAL STEP: Some liners are installed with hook & loop fasteners. If your liner is not installed with hook & loop fasteners, and you want a connection between the liner and the TOUR-PAK, pick up some hook & loop strips from your local hardware store or big box.
  - a. Be certain the inside surface of the tour-pak compartment and the outside of liner are clean for attaching hook & loop patches. Clean if necessary.
  - b. Attach at least four hook patches to inside surface of tour-pak. Position one patch on each side (near where angle braces are attached to liner) and two patches across front of tour-pak (near where four center spacers are attached to liner).
  - c. Attach four loop patches to exterior surface of the liner to align with hook patches.
18. Reinstall liner into tour-pak. Press the liner to securely attach liner to hook & loop patches.
19. Install your tactical gear using the rigid BAGr TACTICAL STAYS.
  - a. See GENERAL TIPS FOR A SUCCESSFUL INSTALLATION above.
  - b. For some MOLLE gear, pre-stretch the loops before attempting to attached the items to the BAGr TACTICAL PANEL.
  - c. Slide the stays along the back of the TACTICAL PANEL to engage the MOLLE loops. The stay should be oriented so the tip of the rivet engages into the slotted hole of the TACTICAL PANEL. When properly installed, the stay latches in place.



Back view of stays inserted and latched.

### INSTALLATION INSTRUCTIONS for TOOL LOOP (optional accessory)

1. When securing the TOOL LOOP to the slotted holes at the top of the TACTICAL PANEL, no drilling is necessary. See photo at right.
2. Determine the location for the TOOL LOOP. Attach the TOOL LOOP using the following hardware components:
  - a. #10-24 1/2inch long black countersunk screw
  - b. #10-24 weld nut
3. Securely tighten all screws.



The tool loop installed. Carabiner not provided.



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### LIMITED WARRANTY

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Thank you for purchasing from BAGr TACTICAL LLC.

BAGr TACTICAL LLC warrants its products to be free of manufacturing defects for a lifetime of use, except for abuse and normal wear.

BAGr TACTICAL LLC will repair, replace or refund the purchase price of this product (BAGr TACTICAL LLC to choose) should we determine it to be defective. This limited lifetime warranty excludes fasteners damaged due to over tightening, cross threading or similar mishandling.

THIS IS THE ONLY WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES ARE EXPRESSLY DISCLAIMED EXCEPT WHERE SUCH LIMITATION IS PROHIBITED BY LAW.

The above terms are valid only if the BAGr TACTICAL product is used as directed. If the product is modified in any way, all terms of this warranty are void.

**INSTALLING AND/OR USING BAGr TACTICAL LLC PRODUCTS IS INDICATION OF YOUR ACCEPTANCE OF THESE WARRANTY TERMS.**

