

# Installation Instructions & Use Recommendations

## FMS Accessories – Articulated Laptop Pivot Mount

These instructions must be read carefully and thoroughly **before** beginning work. FMS Solutions, LLC accepts no liability for damage caused by failure to observe the installation instructions or use recommendations.

**Installation of this accessory does not change the factory specified load limits for the motorcycle.**

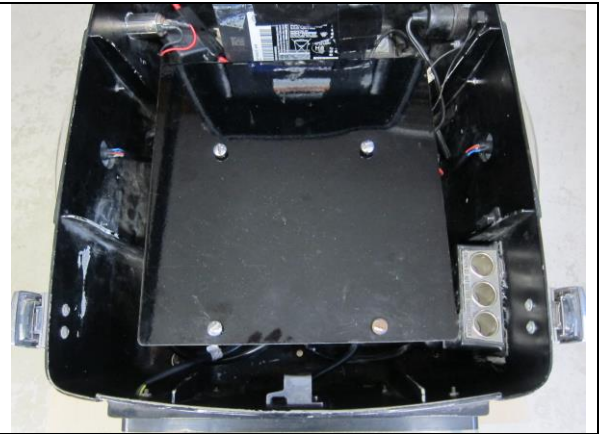
Note that attaching PC's with Velcro is a standard practice in the industry. Verify with your PC supplier or leasing company if attachment with Velcro violates any contractual agreements. Docking stations are not recommended as there typically is no room as they have not only a large footprint, but also add extra height that is not available.

It is recommended to attach only power to recharge the PC battery and if needed, a modem line. Printers should be connected via BT. Ensure that the cable can accommodate the rotation of the laptop without damage to the cables or connection to the PC.



The FMS Accessories articulated mounting base is designed to attach directly to the threaded stand-off's inside a standard Harley-Davidson radio box. There are four pre-drilled holes in the base plate that should line-up with those four stand-off's inside the radio box. Use the same 1/4" x 20 TPI bolts that attached the cover plate inside the radio box.

It is suggested that you remove the standard top plate from the radio box to reduce weight, unless you have components attached to the underside of the plate.



Secure your LIND laptop charger to the area below the laptop / to the rear of the printer housing. Velcro is the best method to attach the power supply. Determine your positioning prior to securing with Velcro to ensure that the cables flow freely and cannot be pinched in the articulated mechanism.

A small hole is lasered into the plate to secure the cable with a cable tie as shown at right.



Attach the laptop using the two Velcro strips provided. Clean the base of the laptop where the Velcro will attach using the included alcohol pads. It is recommended to "test fit" the laptop only exposing a small amount of the Velcro adhesive and make sure you know it is in the right place. Secure the full adhesive length once you know it is where you want it to be.

**Caution: When removing the laptop from the Velcro, pull the laptop away to the rear of the motorcycle. Do not pivot the laptop or try to remove it from the side, as you can damage the pivot arms / mounts.**





The Brother PocketJet printer attaches using the Velcro strips provided. Note that the RH articulating arm is undercut to provide clearance for the printer power plug. Ensure that the power plug cable is routed carefully to enable the printer paper door to be removed at some point.



Attach the Brother PocketJet printer to the printer housing using the Velcro tabs provided. If battery access is needed, you may wish to carefully cut the Velcro strips as they cross over to the battery on the printer. The Velcro strips keep the printer not only in place while riding, but also from rocking or "torqueing" when it feeds paper, so the Velcro needs to span the full width of the printer.

To remove the printer, apply even pressure on the base to disengage the Velcro strips.

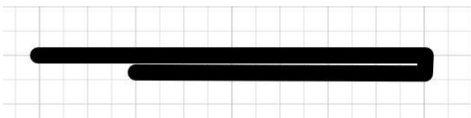


**Changing the paper roll:** Most easily done with the motorcycle on the side stand.

Changing paper roll is simple. Unplug the printer power supply and remove the M6 knob nut, then remove the cover plate. The spindle has a small knurled section to provide some resistance to keep the paper roll from "unspooling" while riding. If needed, flex the laptop pivot up or down over the printer to ensure that the cover teeth engage fully.



Some agencies have reported that based on the brand of paper they use, there can be some "curling" of the paper as you get to the end of the roll. This "curling" can end up feeding back into the paper feed slot. To avoid this, place two Velcro tabs on the top of the printer bar as shown at right which prevents this from occurring. The advantage of Velcro is that it folds back easily when feeding a new roll of paper.



## Adjusting pivot resistance:

Loosen the lower locking nut, tighten the upper nut to the desired resistance. Then, while holding the upper nut, tighten the lower locking nut firmly. The laptop mount pivots on a large nylon washer. Though minimal wear is anticipated, it is likely that some loosening and subsequent tightening will be required.



Periodically check the tension on the pivot bushings. A 10 mm wrench can be used to ensure that the eight pivot points are “snug”. Tighten the nut until it is snug and then back it off slightly.

Making them too tight will make the assembly difficult to deploy ... too loose and the assembly may not stay in place when deployed. You will quickly understand the correct resistance on the pivots.

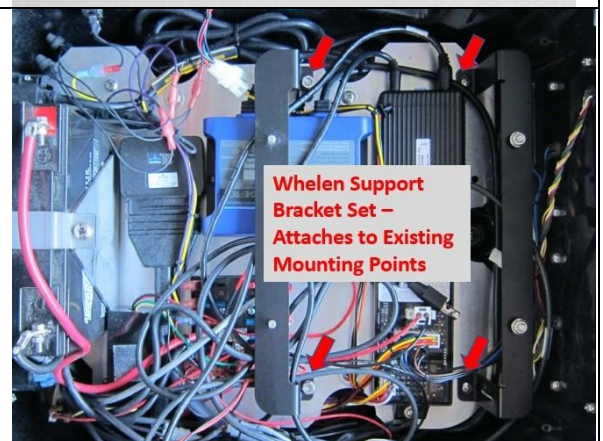


Note: The Whelen top case requires adapter brackets to lower the floor height to provide enough room for the assembly. Remove the stock floor plate and stand-off's coupler nuts.

At the rear, remove the Phillips head screws and secure the bracket as shown. (both brackets are identical)

Position the forward bracket shown over the stud that protrudes from the floor plate when the coupler nuts were removed. These are 1/4" x 20 TPI so special SAE nuts & washers are provided.

Secure the laptop to the studs pressed in the brackets and secure with the serrated flange nuts provided.



**Feedback:** Thank you for your purchase and we welcome your feedback as we too want to make every accessory exceed your expectations. Report any comments, suggestions, problems or concerns to FMS Solutions, LLC at [info@fmsaccessories.com](mailto:info@fmsaccessories.com).

FMS Solutions, LLC warrants to the first retail purchaser of new FMS Accessory products, to be free from defects in materials or workmanship, for a period of three (3) years from the original date of purchase as noted on the FMS Solutions, LLC invoice or original dealer invoice, except for paint and powder-coated finishes, which are warranted for the first 12 months only. LED lights from Fenix, Inc., Code 3, Inc. and Littlite are covered for 5 years by their manufacturer's respective warranties – processed through FMS Solutions, LLC.

**This warranty extends only to the FMS accessory and does not include:** damage caused by accidents or abuse; incorrect installation; labor to diagnose, remove, repair or replace; any consequential damage or loss of use. Any FMS Accessory suspected of being defective should be returned to FMS Solutions, LLC along with a copy of proof of purchase and warranty request form available on the FMS website. FMS Solutions, LLC will determine if the FMS accessory has a warrantable defect, and if so, will repair or replace the item and return it to the sender without charge. The decision to repair or replace said item is solely the prerogative of FMS Solutions, LLC.

**Note:** Police motors can operate in a very rough environment since police motors are a “tool”. They can be dropped, knocked-over, etc. without concern as the officer has a job to do and determines what is necessary at any given moment. Warranty is for defects in materials or workmanship. Therefore, the ability of an item to become broken or damaged does not mean it is warranty ... it just means it is broken or damaged and in need of repair or replacement. No manufacturer warrants their products to be indestructible. Any questions should be directed to [info@fmsaccessories.com](mailto:info@fmsaccessories.com).

