

Installation Instructions & Use Recommendations

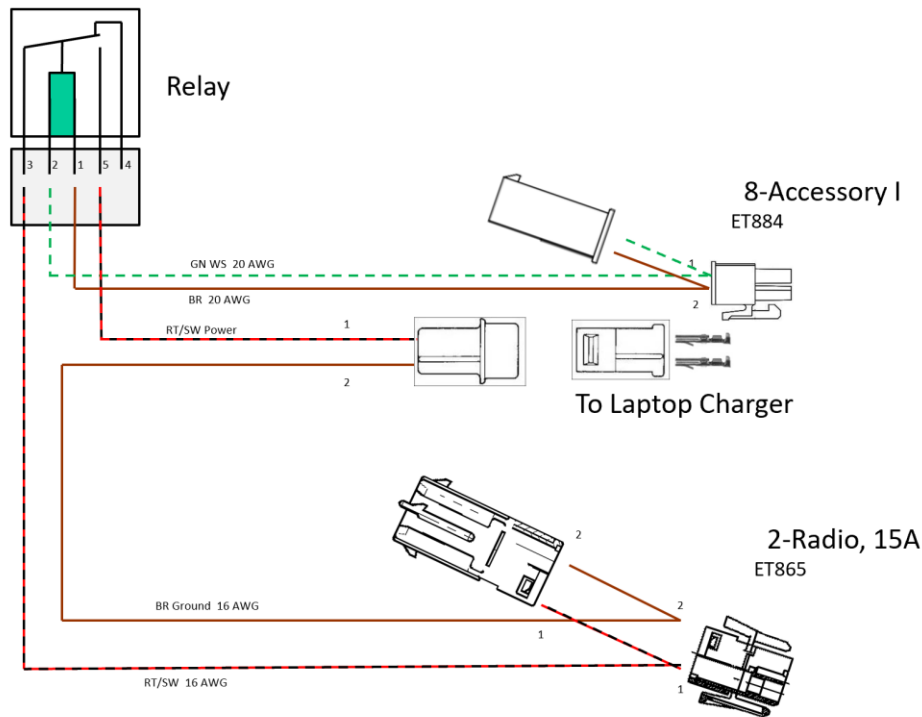
FMS Accessories – Laptop Power Relay

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.

The FMS Laptop Power Relay kit is designed to provide power to the laptop charger only when the motorcycle ignition is on, thereby eliminating charger draw on the auxiliary battery during a violator stop. The relay gains power from the radio circuit (adjust radio fuse accordingly), using a relay operated via ACC1 plug, which is switched power. Consequently, during a violator stop when the ignition is turned-off, the laptop will operate on the laptop battery power, but once the motor is back on the road, will be recharged via the connection to the motorcycle auxiliary battery / charging system. Note that most laptop chargers have integrated fuse protection.

Complete the connections and secure the relay using the cable ties provided. As every agency radio box layout may be different, use your judgement on where to locate the relay, caring that the wiring is routed properly to ensure no kinks, wire abrasion or damage. Ensure that the radio box lid opens and closes without difficulties.



An alternative harness version was created for AZ DPS requesting direct connection to the auxiliary battery (rather than the radio power supply), fused at 15A, relay controlled by ACC I plug so that the power to the LIND charger is only active when ignition is ON. The BMW connection plug to the lighter socket in the radio box was specified, leaving the original lighter socket power plug available for printers, etc. Direct connection to the LIND charger can alternatively be made using the Printer Power Connector FMSA-EL-PPC which mates to the AZ DPS Relay Harness lighter socket plug.

