

## 2015 - Ford Mustang Qi Wireless Charging Kit (Kit # FDMC-1222)

**Please read thoroughly before starting installation and check that kit contents are complete.**

### Items Included in the Kit:

Qi Wireless Charging Module with  
Mustang Specific Substrate  
Power Harness with 3 amp Fuse  
2015 Mustang Specific Non Slip Mat  
These Instructions with Template  
Removable Consumer Product Label

### Tools & Supplies Needed:

Plastic Trim Removal Tool  
10mm socket driver  
7mm Socket Drive  
Center Punch/Scribe Tool  
Power Drill  
1/2" Drill Bit  
Wire Ties  
Soldering Iron & Solder (Recommended)  
Tape or Heat Shrink Electrical Tubing

**\*Note this product is designed to work with Qi compatible devices. Please confirm that your device is Qi compatible before installation. Visit [www.brandmotion.com](http://www.brandmotion.com) for phone compatibility guide.**

### **Safety Precautions:**

- Work in well ventilated area that is clear of obstructions.
- Secure vehicle with tire chucks in both front and rear of tires.
- Turn vehicle accessories OFF and ensure ignition key is in OFF position.
- Wear safety goggles and snug fitting clothes.
- Use tools only for their intended purpose and which are in good repair.
- Only perform this task if confidence, skill, and physical ability permit.

**NOTE: We strive to provide accurate and up-to-date installation instructions.**

**IMPORTANT: Do not place smart keys within 15cm of charging mat. Vehicle may not detect key to start vehicle. Do not place metal objects in tray while charging.**

## INSTALLATION INSTRUCTIONS

**Step 1:** Use a plastic trim removal tool to remove left and right side front console trim.



**Step 2:** Remove (2) 7mm sockets from the front of the left and the right side of the console.



**Step 3:** Remove rubber tray insert from front of console.



**Step 4:** Remove (2) 7 mm sockets from under rubber tray. Removal is not required but it does help with lifting the top of console.



**Step 5:** Use a plastic trim removal tool to loosen the console top trim from inside the armrest.



**Step 6:** Lift up from rear of console to unclip the top of console. Ensure the front of console side is pulled out slightly.



## INSTALLATION INSTRUCTIONS

**Step 7:** Unplug (2) harness to the under side of the top console.

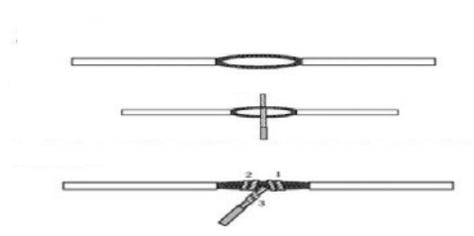
**Step 8:** Unplug connector to the power outlet (inside the armrest). Press in tab on top to release.



**Step 9:** On the power harness included with the Freedom Charge cut off the ringlet on the black wire (ground).

**Step 10:** Splice the wires using military splice or soldering into the factory harness. (10a.) The red wire connects to the grey/orange and the black wire connects to the black/purple wire. Wrap with electrical tape or heat shrink. (10b)

### 10a



### 10b.



**Step 11:** Remove rubber insert from inside armrest and remove the (2) 10mm nuts from the bottom studs.



**Step 12:** Cut out provided template and mark location for 1/2" hole.



## INSTALLATION INSTRUCTIONS

**Step 13:** Drill 1/2" hole in previous marked location. Lift up on the console to ensure there is clearance to drill the hole.



**Step 14:** Run the power harness that was connected to the power point into the 1/2 hole that was just drilled in the step 13.

**Step 15:** Install non-slip Freedom Charge mat to wireless charging module. Place the 4 locator pins in corresponding holes before installing them in the armrest.



**Step 16:** Firmly press mat around LED.



**Step 17:** Connect the Freedom Charge plug to the power harness that was run to the armrest. Pull as much excess power harness back into the underside of the console. Remember to leave a little to reinstall the (2) 10 mm nuts.



**Step 18:** Check to ensure the power harness or factory wiring is not going to be pinched lower than the console and reinstall the (2) 10mm nuts.

## INSTALLATION INSTRUCTIONS

**Step 19:** Insert any of the excess power harness wire into the 1/2 hole and install the Freedom Charger into the bottom of the armrest.



**Step 20:** Test system. LED light will illuminate blue once accessories are on. Once Qi equipped device is placed on Freedom Charge LED will illuminate Green and charging begins. \*Please note on some devices syncing may take up to 15 seconds. Coil locations vary on various devices; move device on mat until LED illuminates green.

**Step 21:** Reassemble vehicle. Follow your disassembly steps in reverse order, taking care not to bind the harness wiring when reinstalling trim.

**Step 22:** Place removable consumer product label on center of mat.

