

## 2015 – Tahoe/Suburban/Yukon Qi Wireless Charging Kit (Kit # FDMC-1273)

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

### Items Included in the Kit:

Qi Wireless Charging Module with  
Tahoe/Suburban/Yukon Specific  
Substrate and Mat  
Power Harness with 3 amp Fuse  
These Instructions with Template  
Removable Consumer Product Label

### Tools & Supplies Needed:

Plastic Trim Removal Tool  
Torx Driver  
Roto Tool/File  
Center Punch/Scribe Tool  
Power Drill  
1/2" Drill Bits  
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. For additional assistance please call Brandmotion Technical Assistance at (734) 619-1250 then dial 2.**

**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: Using a Trim Removal Tool remove armrest closeout cover.**



**Step 2: Using a Torx Screw Driver remove screws to remove upper armrest trim ring.**



**Step 3: Using a Torx Screw Driver remove screws to remove center section.**



**Step 4: Cut out Trim Template and remove material indicated area with roto tool or file.**



**Step 5: Drop in FreedomCharge module from top.**



## INSTALLATION INSTRUCTIONS

**Step 6: Place trim ring over FreedomCharge module. Using a Torx Screw Driver reattach screws to upper armrest trim ring.**



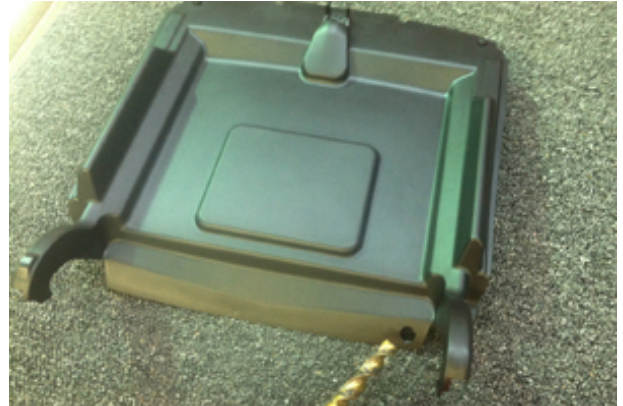
**Step 7: Using a Torx Screw Driver reattach screws to upper armrest trim ring.**



**Step 8: Install Non-Slip Freedom Charge Mat to Wireless Charging Module. Place the 4 locator pins in corresponding holes.**



**Step 9: Drill a 1/2" hole in armrest closeout cover.**



**Step 10: Remove rear cup holders and unscrew torx screws to loosen rear console cover.**

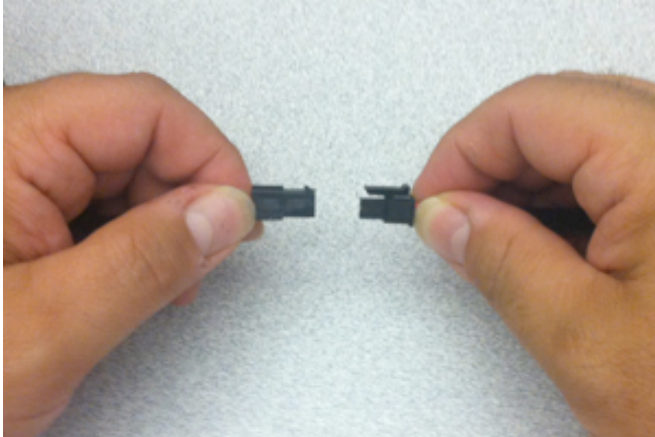


**Step 11: Drill 1/2" hole on driver side of rear console cover.**



## INSTALLATION INSTRUCTIONS

**Step 12: Route Power Harness through 1/2" hole in rear of Console Cover and the 1/2" hole of the Armrest Closeout Cover. Connect FreedomCharge module to Power harness.**



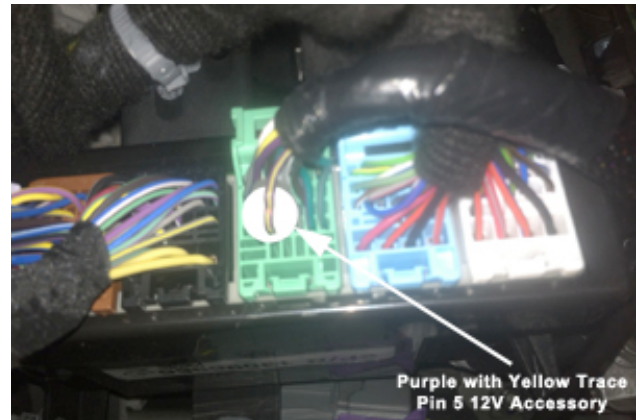
**Step 13: Snap Armrest Console Cover back into position leaving enough slack in harness on to pinch wiring.**



**Step 14: Route Power tuck under driver side of console towards vehicle BCM located under driver side dash.**

**Step 15: Splice Red wire of Power Harness to the Purple with Yellow Trace (12v accessory) wire of the BCM located under driver dash, green 25 pin plug, pin 5.**

RECOMMENDED: Solder wires and cover with Heat Shrink Tubing.



**Step 16: Remove driver side IP access cover.**



**Step 17: Use Nut Driver to secure Ground Eyelet to existing grounding stud.**



## INSTALLATION INSTRUCTIONS

**Step 18: 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 19: Reassemble vehicle.** Follow your disassembly steps in reverse order, taking care not to bind the harness wiring when reinstalling trim.

**Step 20: Place removable consumer product label on center of mat.**

