

2007-2014 Tahoe, Suburban, Yukon 2007-2013 Up Level Silverado and Sierra Qi Wireless Charging Kit (Kit # FDMC-1272)

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

Items Included in the Kit:

Qi Wireless Charging Module
Tahoe/Yukon/Silverado/Sierra
Specific Substrate and Mat
Power Harness with 3 amp Fuse
4 – Flat Head Torx 1/4" Screws
4 – Pan Head Torx 3/8" Screws
These Instructions with Template
Removable Consumer Product Label

Tools & Supplies Needed:

Plastic Trim Removal Tool
T-10 Torx Driver
Phillips Screw Driver
Center Punch/Scribe Tool
Power Drill
3/16" and 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 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: Remove center armrest mat and remove screws using Phillips screwdriver.



Step 2: Using Phillips screwdriver remove upper armrest underside lid.



Step 3: Using a Phillips Screw Driver remove screws to remove upper armrest tray.



Step 4: Cut out provided template, mark the locations for (4) 3/16" and (1) 1/2" hole.



Step 5: Drill the (4) 3/16" holes.



Step 6: Drill the (1) 1/2" holes.



INSTALLATION INSTRUCTIONS

Step 7: Route connector of charging module through 1/2" hole and place module in tray.



Step 10: Route connector of charging module through 1/2" hole and place top tray back to original location.



Step 8: Align the (4) 3/16" holes with mounting holes on module and insert the (4) 3/8" Pan Head T-20 Torx Screws through tray into module.



Step 11: Using a Phillips Screw Driver reassemble top tray.



Step 9: Drill the (1) 1/2" hole in rear driver side of lid as shown.



Step 12: Place plastic substrate onto module and using Torx driver secure using 1/4" flat head screws.



INSTALLATION INSTRUCTIONS

Step 13: Install Non-Slip Freedom Charge Mat to Wireless Charging Module. Place the 4 locator pins in corresponding holes.



Step 14: Drill 1/2 inch hole in driver side lower console as shown.



Step 15: Route power harness through 1/2" hole in console.



Step 16: Drill 1/2 inch hole in underside armrest lid as shown.



Step 17: Connect Power Harness to Charging Module.



INSTALLATION INSTRUCTIONS

Step 18: Using a Phillips Screw Driver reassemble underside of armrest lid making sure to leave slack in harness.



Step 21: Splice Red wire of Power Harness to the Brown (12v accessory) wire of the BCM located under the driver dash left of the steering column, Light Green Plug pin 21.
RECOMMENDED: Solder wires and cover with Heat Shrink Tubing.



Step 19: Drill 1/2 inch hole in underside armrest lid as shown.



Step 22: Use Nut Driver to secure Ground Eyelet to existing grounding stud.



Step 20: Route Power Harness forward under driver side dash and remove cover.



INSTALLATION INSTRUCTIONS

Step 23: 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 24: Reassemble vehicle. Follow your disassembly steps in reverse order, taking care not to bind the harness wiring when reinstalling trim.

Step 25: Place removable consumer product label on center of mat.

