

2009 – Current F-150 flow though console models Qi Wireless Charging Kit (Kit # FDMC-1221)

For use with Console Tray PN#(9L3Z-19A090-AA) and Mat PN#(9L3Z-1504G34-CB)

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

Items Included in the Kit:

Qi Wireless Charging Module with
F-150 Specific Mat
8' Power Harness with 3 amp Fuse
4 – Flat Head Torx 1/2" 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
5/32", 3/16" and 1/2" Drill Bits
Razor Knife
Soldering Iron & Solder (Recommended)
Tape or Heat Shrink Electrical Tubing
82° Chamfer

***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.

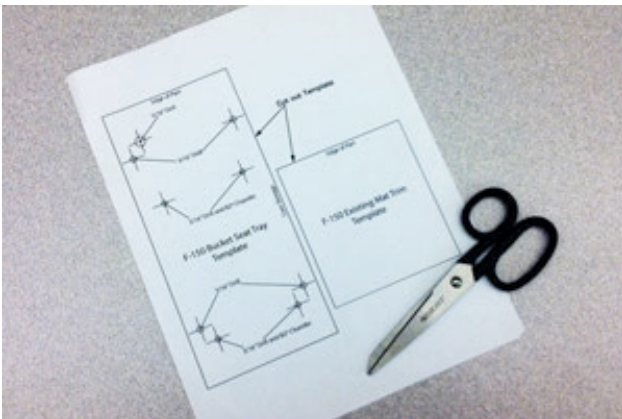
IMPORTANT: Do not place smart keys within 15cm of charging mat. Vehicle may not detect key to start vehicle. Do not place metal objects in tray while charging.

INSTALLATION INSTRUCTIONS

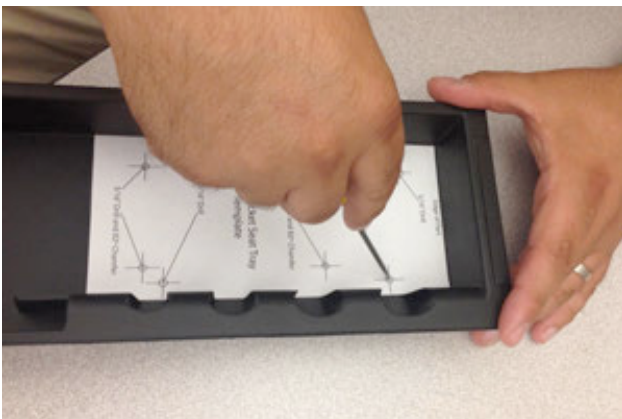
Step 1: Pull out removable storage tray and remove rubber mat.



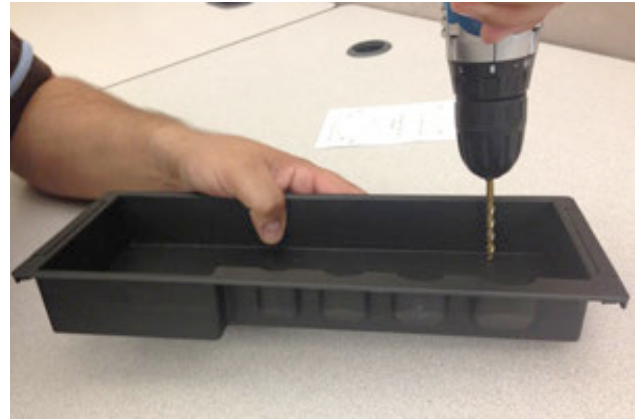
Step 2: Cut out provided templates



Step 3: Place module template in tray and mark the locations for (4) 3/16" and (1) 5/16" hole.



Step 4: Drill the (4) 5/32", (4) 3/16" and (1) 5/16" holes



Step 5: Use 82° Chamfer bit to chamfer the (4) 3/16" holes. An X-acto knife can be used by laying it down on its side and removing material around the hole.



Step 6: Place FreedomCharge module with LED poking through 5/16" hole. Then align the (4) 3/16" holes with mounting holes on module.



INSTALLATION INSTRUCTIONS

Step 7: Insert the (4) 1/2" Flat Head T-10 Torx Screws through top of tray and into FreedomCharge module.



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



Step 9: Trim Factory mat to template provided.



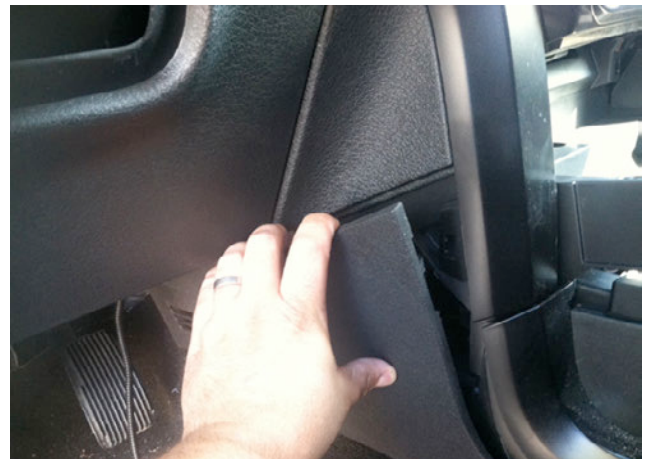
Step 10: Install cut factory mat



Step 11: Drill 1/2" hole on driver side of armrest bin



Step 12: Loosen console side trim



INSTALLATION INSTRUCTIONS

Step 13: Remove armrest lid with Phillips Screw driver



Step 14: Use plastic trim tool to pop up console armrest trim surround.



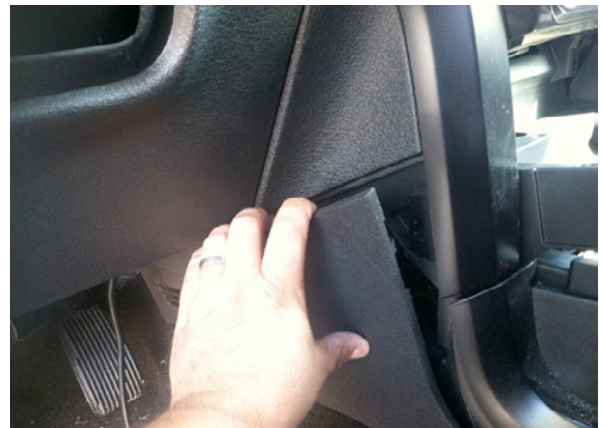
Step 15: Use plastic trim tool to remove center stack filler plate.



Step 16: Use plastic trim tool to pop up console surround.



Step 17: Loosen console side trim



Step 18: Remove screws from lower steering column cover.



INSTALLATION INSTRUCTIONS

Step 19: Use plastic trim tool to remove lower steering column cover



Step 20: Splice Red wire of Power Harness to the Purple/Green wire pin6 (12v ignition) of the black 7pin ignition switch. Use eyelet ground loop of the Black wire on Power Harness to attach to vehicle body (driver side). RECOMMENDED: Always test wires with Multi Meter to confirm keyed accessory 12v power, solder wires and cover with Heat Shrink Tubing.



Step 21: Route Power Harness to rearward through hole drilled in console bin. Connect Power Harness to FreedomCharge Module.

*Please note to leave enough slack in harness so customer can lift tray out of the way to access items stored under the tray.

Step 22: 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 23: Reassemble vehicle. Follow your disassembly steps in reverse order, taking care not to bind the harness wiring when reinstalling trim.

Step 24: Place removable consumer product label on center of mat.

