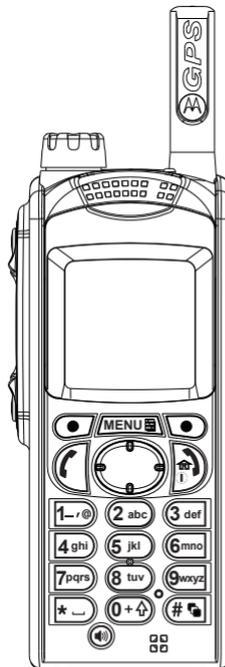
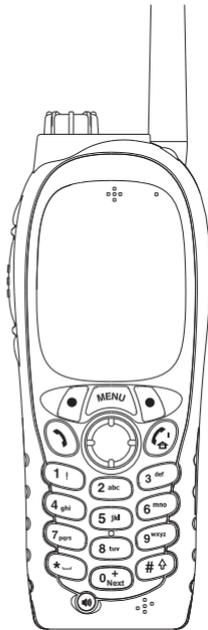




MOTOROLA

MTH800 and MTP850 Digital Car Kit Installation Manuals Addendum



General

This addendum details changes that have taken place since releasing MTH800 and MTP850 Digital Car Kit Installation Manuals. Use this information to update the Manuals.

The FTN6790B is an improved solution for providing the required DC Voltage supply to the GPS Antenna solutions for the MTH800 and MTP850 Digital Car Kits, part numbers FTN6307 and GMLN4687. The FTN6790B replaces FTN6790A in the following Antenna Kits

- GMAE4290 - Combined Tetra and GPS Antenna 380–430 MHz

NOTE *GMAE4291 and GMAE4292 antennas are replaced by GMAE4290.*

- GMAE4293 - Combined Tetra and GPS Antenna 440–470 MHz
- GMAF4504 - Combined Tetra and GPS Antenna 800 MHz
- GMAD4500 - Combined Tetra and GPS Antenna 350–390 MHz

The principle change is to remove the necessity to use a through connector on the Radio Interface Connector (J3 26Pin).

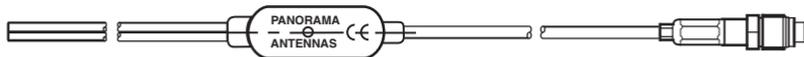
Installation Manuals Affected

The following Motorola Installation Manuals are subject to update at their next review

MTH800 Digital Car Kit FTN6307	6802968C55
MTP850 Digital Car Kit GMLN4687	6866535D12

Addendum Details

FTN6790B – Product details



This voltage regulator unit is designed to be used with the Digital Car Kit to supply 5 volts to GPS antenna via the DPX1000/1500 diplexor unit.

Table 1: FTN6790B Specifications

Specification		Kit Content
Input Voltage Range	7–30 V	Regulator unit moulded with input and output cables 1 x Fuseholder 1 x Fuse 1A rated 2 x Blade connectors - red insulated
Output Voltage	5 V	
Max. Output Current	40 mA	
Dimensions (regulator unit block)	41 x 12.5 x 12.7 mm	
Input cable	Twin Figure-8 Length: 560 mm Negative marked black tracer line	
Output cable	RG174 Coaxial Cable Length: 550 mm Terminated FME Jack (f) Centre contact positive supply	

Installation

1. The positive supply to the regulator should be taken from an ignition switched source. This can be connected to the same supply as used for ignition sense to DCK control box (green wire).

NOTE *The positive supply must be fused at maximum 1 A rating.*

2. Connect coaxial cable end to 5 V input terminal on diplexor unit.
3. Run supply cable to selected connection point, ensuring that it is secured from being damaged and does not interfere with any vehicle controls or airbag deployment.
4. Connect grey regulator positive feed wire to ignition sense feed, via 1 A fuse (using holder and connectors supplied).

5. Connect grey/black negative feed wire to vehicle negative supply (chassis or black feed wire to Digital Car Kit control box).

Important Regulatory Information

This regulator unit carries CE mark approval in accordance with 2006/28/EC TUV Product Service Test Report Document No. 75903244-01-1 with attestation:

In accordance with 2006/28/EC, Annex 1, Sub-Clause 8.3 this EUT has no "immunity related functions" and therefore Immunity to Radiated Disturbances testing is not applicable.

A copy of the report summary is available on request.

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