



**JMC ROKKER® 1000XXR
Stage6 Amplifier Kit
2016-2023 Harley
RoadGlide Ultra/Ltd.**

#JMA6-1000HR16-UL

**Installation
and Operation
Instructions**

Product Overview

This new JMC ROKKER® 1000XXR fairing/rear speaker amplifier kit has been designed specifically for use on the 2014-2024 Harley RoadGlide Ultra.

Kit includes custom made connection harnesses and is 100% plug-n-play into the Ultra's electrical system, providing 4-channels of amplification at 230w RMS power per-channel x4 (920w RMS total) into a 2-ohm speaker load.

New high-efficiency Class-D IC circuitry, (no cooling fans needed) properly shielded against FM/AM radio interference.

PCB is conformal coated for complete protection against water damage in the motorcycle or powersports riding environment.

This ROKKER amplifier uses advanced digital switching power supply technology to dramatically reduce the 12v current demands on the motorcycle electrical system, compared to other brand amplifiers in this power range.

Amplifier is tuned for connection to the Harley GTS, 6.5GT, or 4.3 Std radio with Stock Harley Flash and is also fully compatible with the Sound Stream HDHU.14si, Precision Power HDHU.14si, & Fosgate PMX-HD14.

Amplifier mounts to the Lazer-cut stainless steel 2-piece bracket system, to provide solid and secure mounting inside the fairing.

Custom made plug-n-play JMC red-band wiring harnesses are included with this complete amplifier kit, top quality heavy gauge power/ground wires are used for the fused battery connection, along with all necessary mounting hardware & complete installation/operation instructions.

Amplifier is dialed-in for this specific speaker configuration, to provide maximum highway performance.

Amplifier itself measures 8 ¼ x 5 ¾ x 1 ¾”.

Installation Instructions

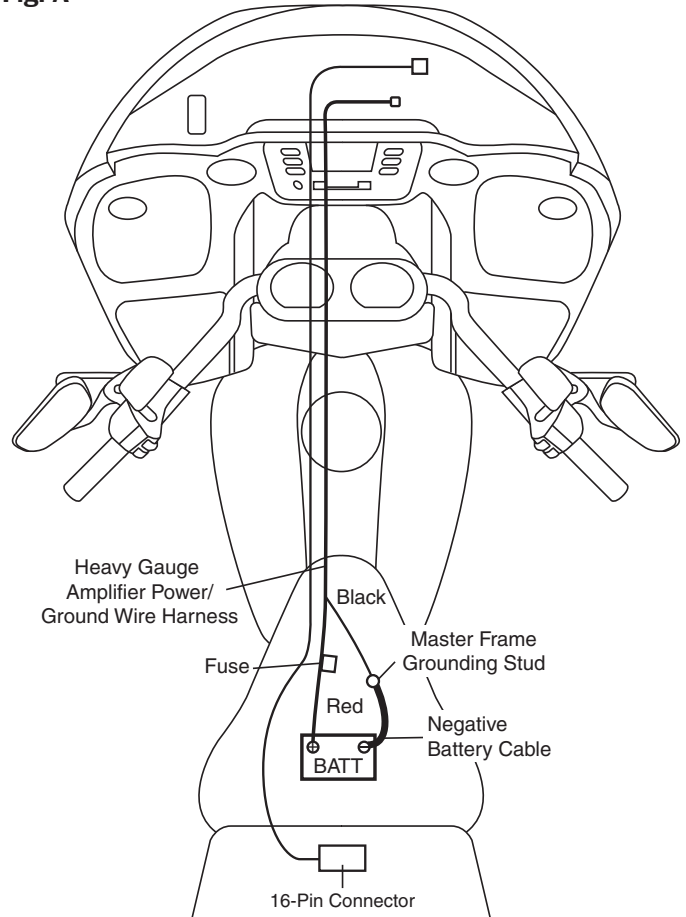
1. Remove the outer fairing shell, seat, and fuel tank.
2. By following along the factory wiring harness, route the amplifier power harness from the fairing, under the fuel tank, and on to the battery. (Removal of the fuel tank is necessary for proper installation)
3. After first disconnecting the negative battery cable from the battery, connect the positive (red) lead from the amplifier power harness directly to the positive post of the battery.

Connect the negative (black) lead from the power harness to the same bolt/stud on the frame that the negative battery cable is connected to.

Then reconnect the negative battery cable to the battery. **(Figure A)** Do not connect the negative (black) lead from the amplifier to the negative post of the battery.

4. Disconnect all plugs from the rear of the radio and then remove the radio itself by removing four mounting bolts. **(Figure B)**

Fig. A

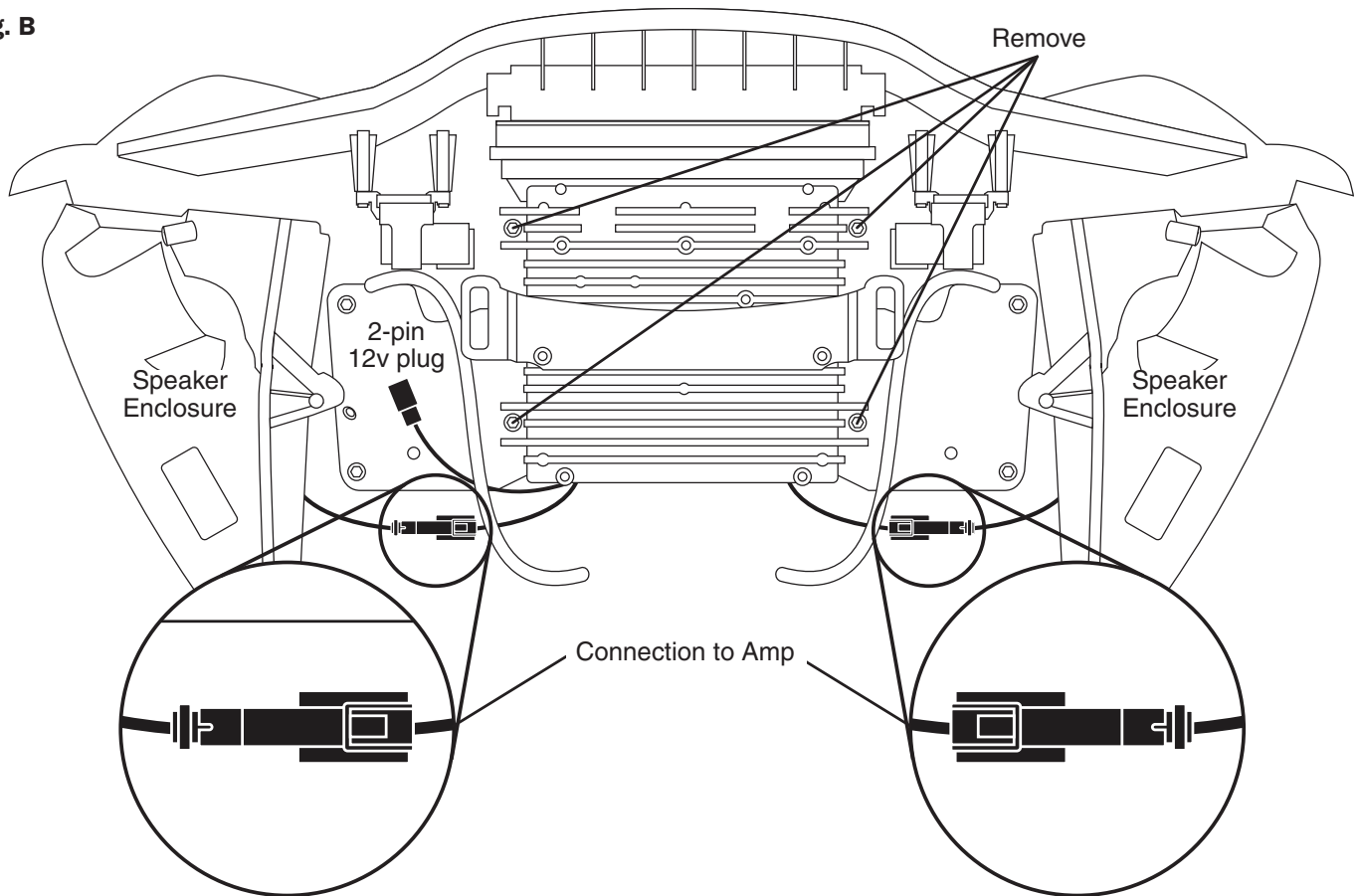


5. Place the amplifier into the fairing upside down with the power/ground cable (Red and Black wires) facing towards the left side of the bike.

6. Connect the amplifier main wiring harness to the amp before securing to the mounting bracket. Center the amp into position, place top bracket with J&M Logo facing up, align the screw holes and insert three of the four supplied screws and tighten securely. **(Figure C)**

7. Connect the main power cable and tuck wire down on the side of the amplifier so as not to interfere with the radio as it is reinstalled. Connect the RCA input harness to the amplifier.

Fig. B



8. By following the factory wiring harness, route the rear speaker harness from the fairing, under the fuel tank, past the battery along the frame and then follow the speaker wires going to the 16 pin connector in front of the Tour-Pak. **(Figure A, D and E)**

9. Make Amplifier/Speaker connections as per diagram. **(Figure D)**

10. Re-install the factory radio.

11. Test the system for proper operation before reassembling the fairing, realizing that full sound quality and fidelity will not be heard until the outer fairing shell is completely reinstalled.

Important Programing Note: If your Harley infotainment radio was previously flashed to a different configuration from stock, (i.e., Boom I or Boom II) instruct your dealer to re-flash the radio back to "4-Speakers, Upper-Fairing, Rear-Pods, No-Amp" using the Harley or other brand digital technician.

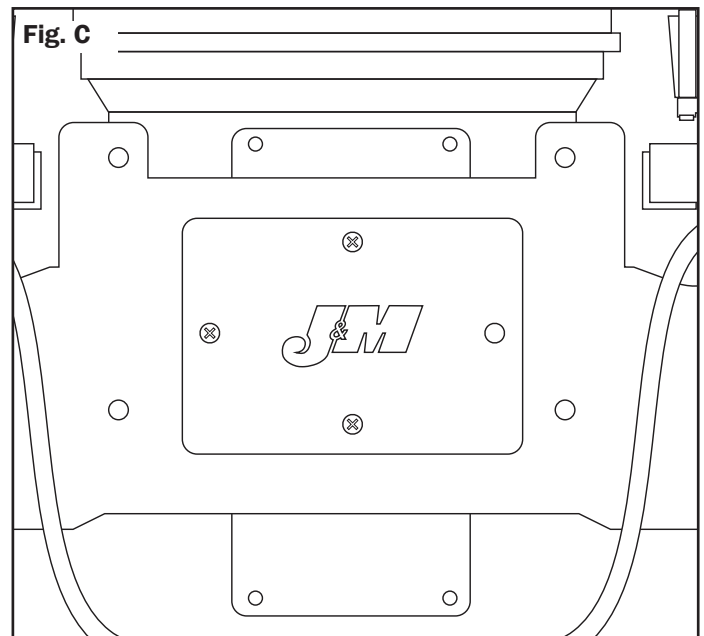


Fig. D

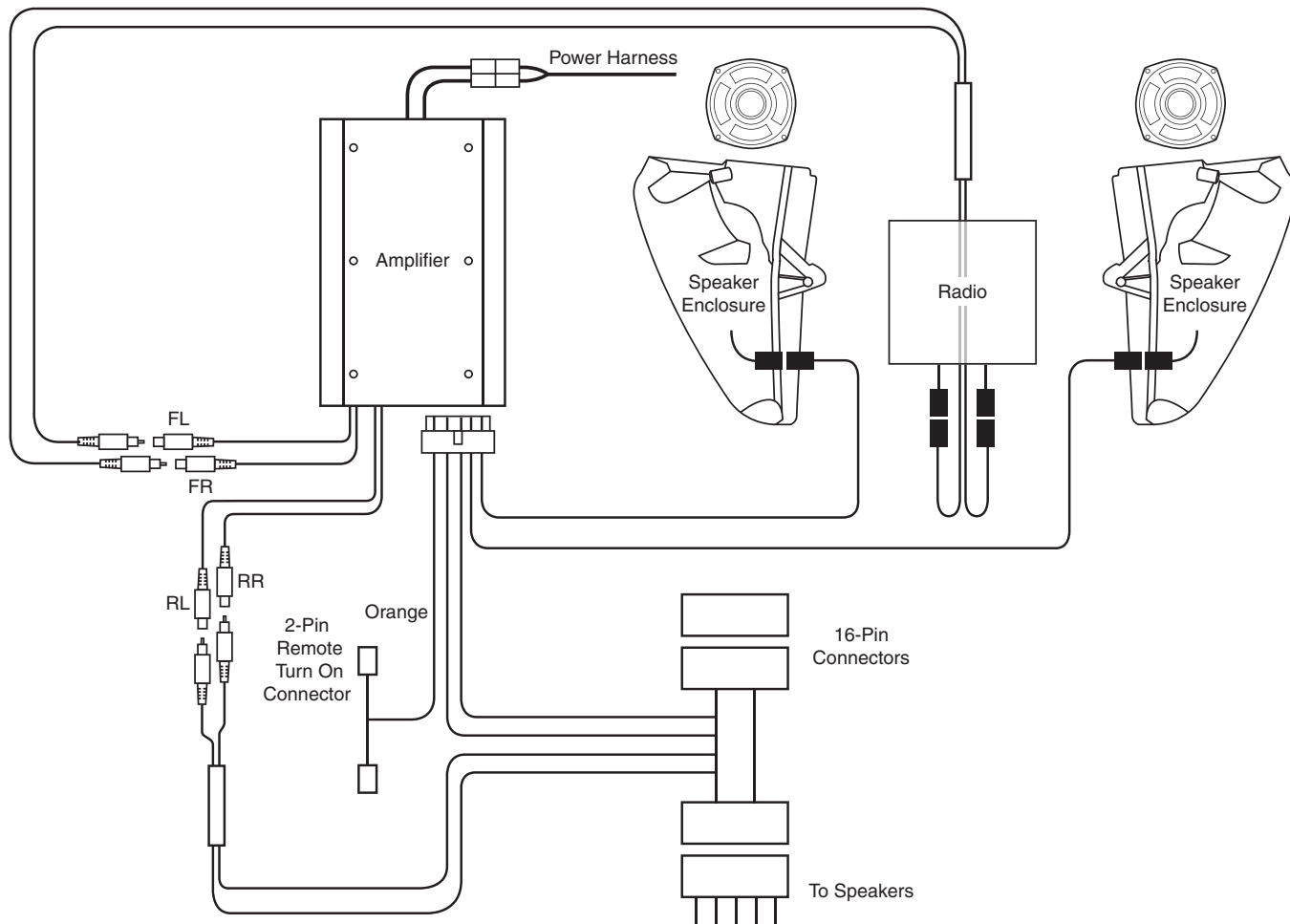
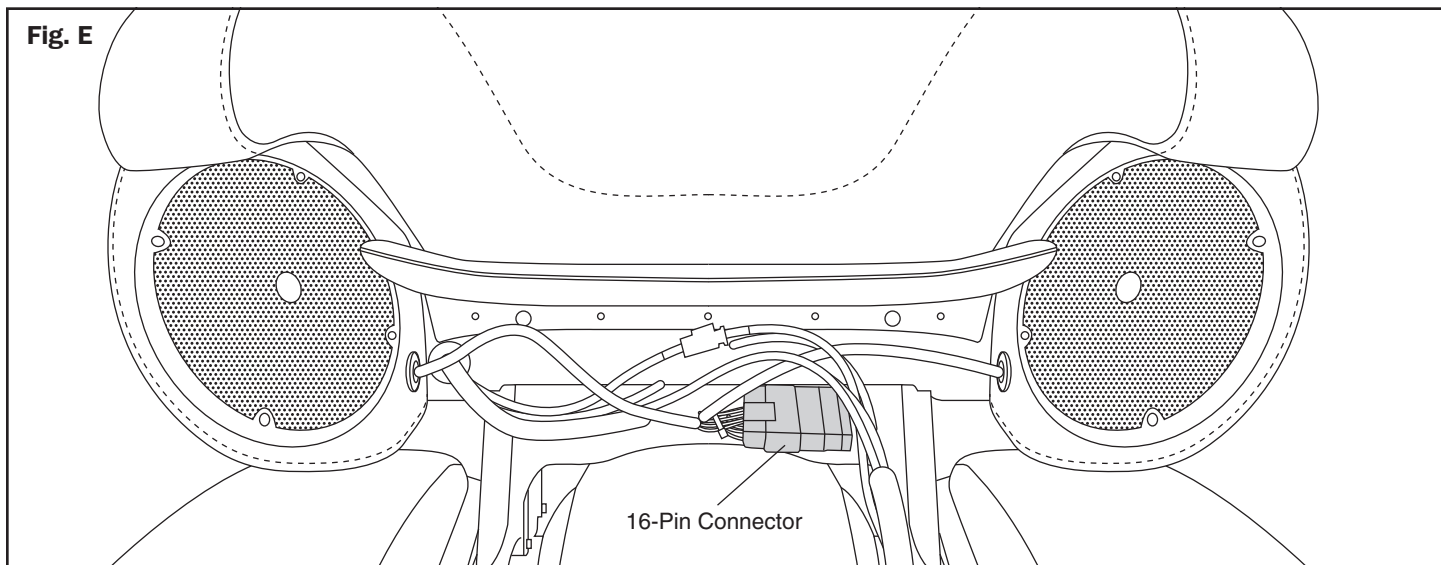


Fig. E



Specifications

ROKKER® 1000XXR

Full Range Class D Amplifier

Output Power (RMS) @ 2% THD 1000Hz 14.4VDC

Stereo @ 4ohms 4 x 180 Watts – 720w RMS Total

Stereo @ 2ohms 4 x 230 Watts – 920w RMS Total

Frequency Response -3dB 20Hz - 39kHz Capable

S/N Ratio

Separation

>90dB

>74dB

Input Sensitivity

.35V - 3.9V

Input Impedance

47.5K

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