

**J&M ROKKER® XXRP 800w
4-CH DSP Programmable
Amplifier Kit for 2016-2020
Harley® RoadGlide Ultra**

#JAMP-800HR16-ULP

**Installation
and Operation
Instructions**

Product Overview

4-ch 800w amplifier kit for 2014-2020 Harley® RoadGlide Ultra (NOT for CVO) with stock Harley 6.5GT or new GTS touch-screen radio, (NO SPECIAL FLASH needed).

Full range class D amplifier, spec'd at 200 watts RMS per channel X4, (800w total) into 2-ohm load @ 14.4vdc, (Manually selectable on the amplifier itself for a 2-ohm or 4-ohm speaker load) properly shielded against RF interference into the AM or FM radio.

Amplifier uses advanced digital switching power supply technology to dramatically reduce the 12v current demands on the motorcycle electrical system.

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

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

To alter these DSP settings using the internal programming dongle already built into this new amplifier, (USB computer connection cable included) our specific custom amplifier programs are now available as a consumer download from the J&M website @ https://www.jmcorp.com/static/dsp_rokker.htm, along with the custom Bike-Builders-App for those who want to fine tune their own specific amplifier adjustments. <https://www.jmcorp.com/AppRequest.asp>

Custom made plug-n-play wiring harnesses are included, along with heavy gauge power/ground wires for the fused battery connection, all necessary mounting hardware & complete installation/operation instructions.

Amplifier itself measures 8 1/4" Long X 5 1/8" Wide X 1 5/8" Tall.

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.

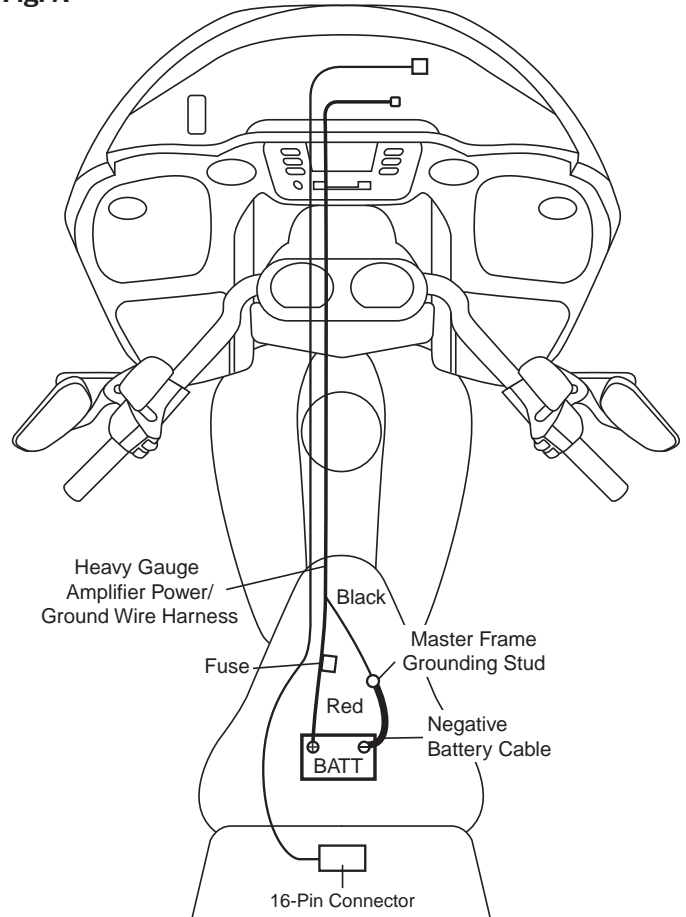
Connect the negative (black) lead from the power harness to the same bolt/stud on the frame that the negative battery cable is connected to.

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)**

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.

Fig. A

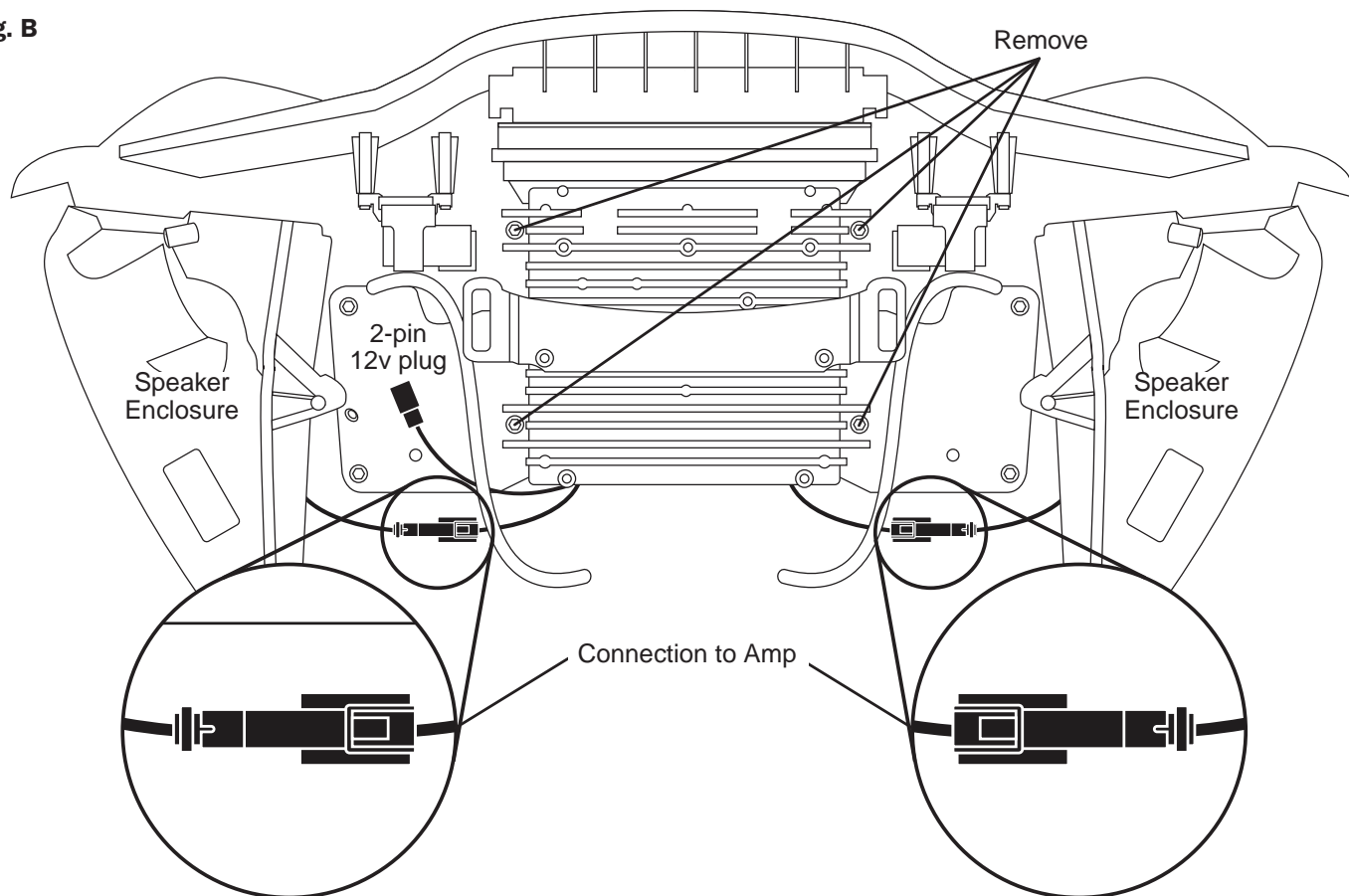


6. Connect the amplifier main wiring harness to the amp before securing to the mounting bracket. Center the amp into position, place top bracket with J&M Logo facing up, align the screw holes and insert three of the four supplied screws and tighten securely. **(Figure C)**

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.

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

Fig. B



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: The amplifier gain & frequency response adjustments have been pre-programed at our factory for this specific Harley Davidson audio system application, using speakers with an impedance of 2-ohms, to provide maximum performance at highway speeds. Should speaker impedance change, an alternate software programing package will need to be downloaded & flashed to the digital signal processor inside the amplifier. This programming service is available direct from 'J&M Corporation in Tucson AZ USA. Send email direct to ROKKER_DSP_Pro@jmcorp.com

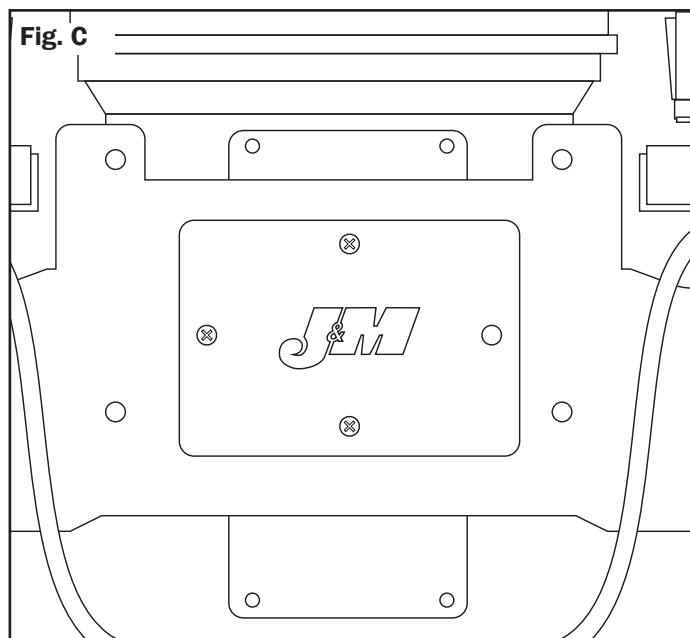


Fig. D

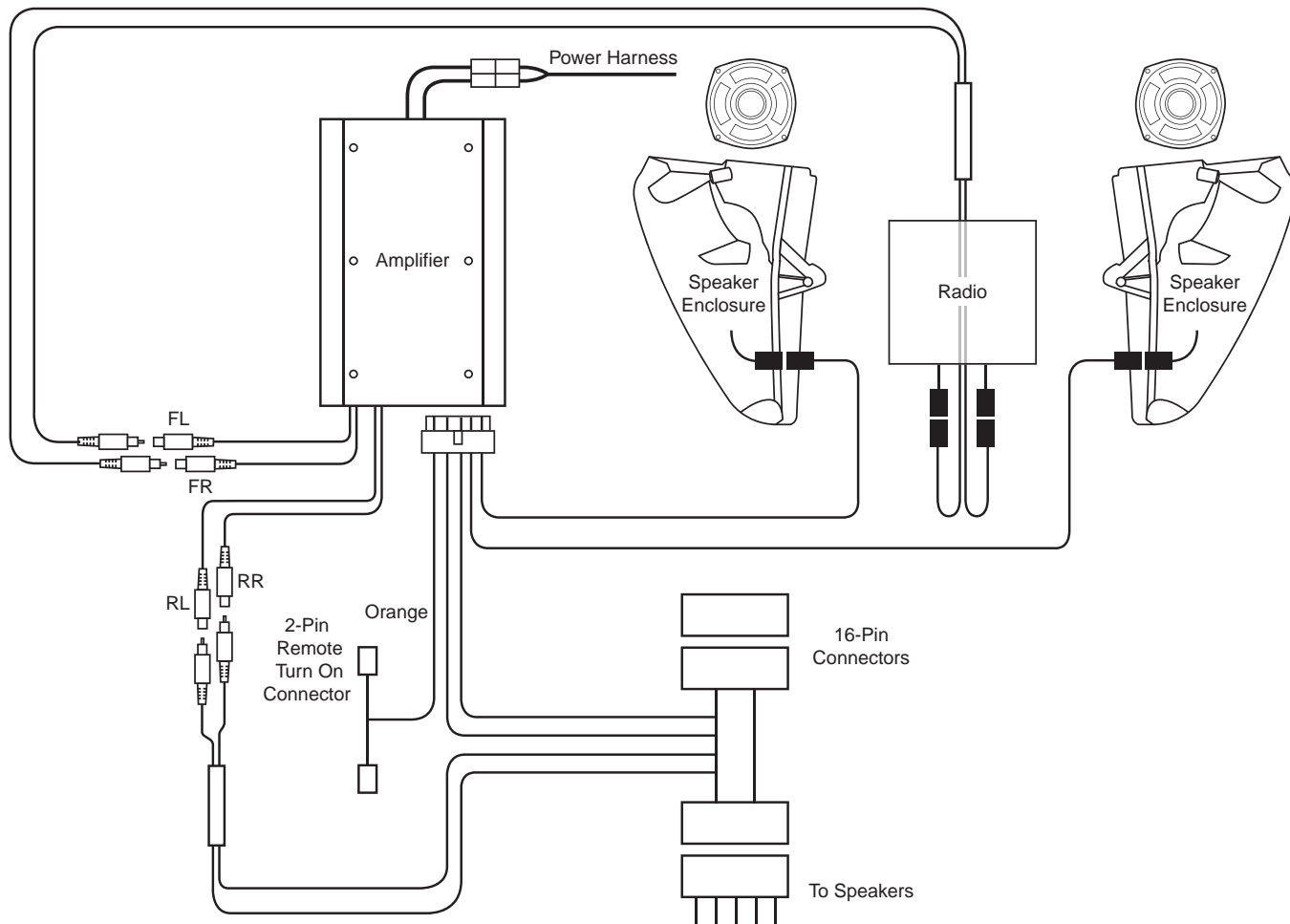
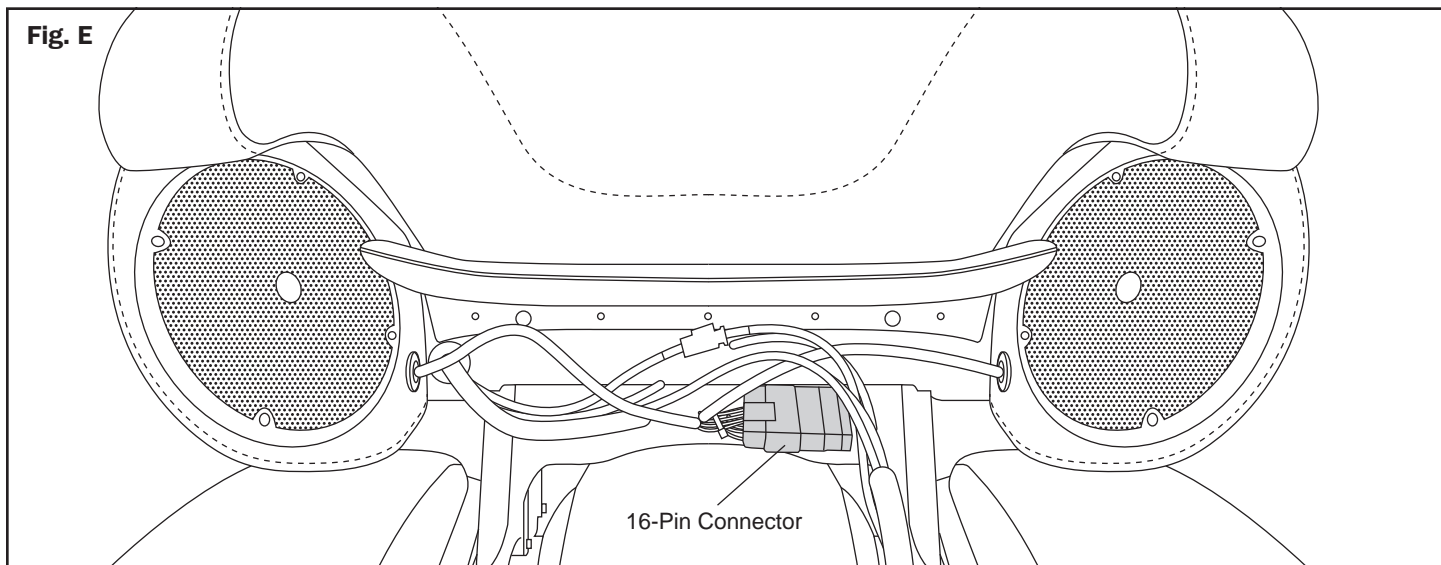


Fig. E



Specifications

ROKKER® XXRP 800

Full Range Class D Amplifier

Output Power (RMS) @ 2% THD 1000Hz 14.4V CEA 2006
 Stereo @ 4ohms 4 x 200 Watts - 800w RMS Total
 Stereo @ 2ohms 4 x 200 Watts - 800w RMS Total
 Frequency Response -3dB 1Hz - 69kHz Capable

S/N Ratio Separation >90dB
 >74dB
 Input Sensitivity .35V - 3.9V
 Input Impedance 47.5K

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TWO YEAR LIMITED WARRANTY In order to facilitate the servicing of this warranty, the Warranty Registration Form should be filled out and returned within 10 days of the date of purchase. However, return of the Warranty Registration Form is not a precondition of this warranty, and this Warranty will be observed by **J&M CORPORATION** whether or not the Warranty Registration Form is returned, on the condition that other satisfactory evidence of the date of the original purchase is provided to **J&M CORPORATION**.

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