



**J&M Stage-5 ROKKER®  
XXRP 800w 4-CH DSP  
Programmable Amplifier Kit  
for 2016-2020 Harley®  
RoadGlide Ultra**

**#JAMP-800HR16-ULP-ST5**

**Installation  
and Operation  
Instructions**

## Product Overview

This is the new J&M STAGE-5 ROKKER® XXR Custom 800w 4-channel amplifier kit for 2014-2020 Harley® RoadGlide Ultra (NOT for CVO) with stock Harley 6.5GT or new GTS touch-screen radio.

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.

This amplifier kit is custom tuned for use in conjunction with your specially FLASHED Harley Infotainment radio ("J&M Corporation Custom Audio Flash" menu option w/Techno-Research digital technician), to provide THE BEST on-highway volume, clarity and overall performance available, from your music source selections of FM stereo, XM sat radio, Smartphone or USB thumb drive.

(Harley Infotainment/BoomBox radio can also be shipped to the J&M factory in Tucson for FLASHING, there is a separate \$75 fee for the "J&M Corporation Custom Audio" Harley radio FLASH).

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](https://www.jmcorp.com/static/dsp_rokker.htm), along with the custom Bike-Builder's-App for those who want to fine tune their own specific amplifier adjustments. <https://www.jmcorp.com/AppRequest.asp>

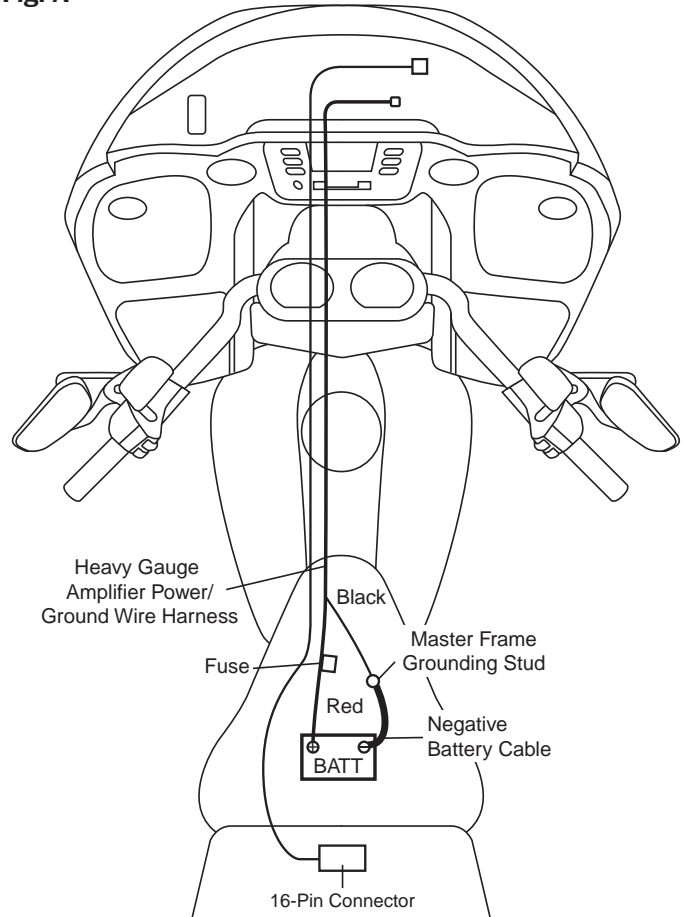
Custom made plug-n-play wiring harnesses are included, along with heavy gauge power/ground wires for the fused battery connection, all necessary mounting hardware & complete installation/operation instructions.

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.

Fig. A

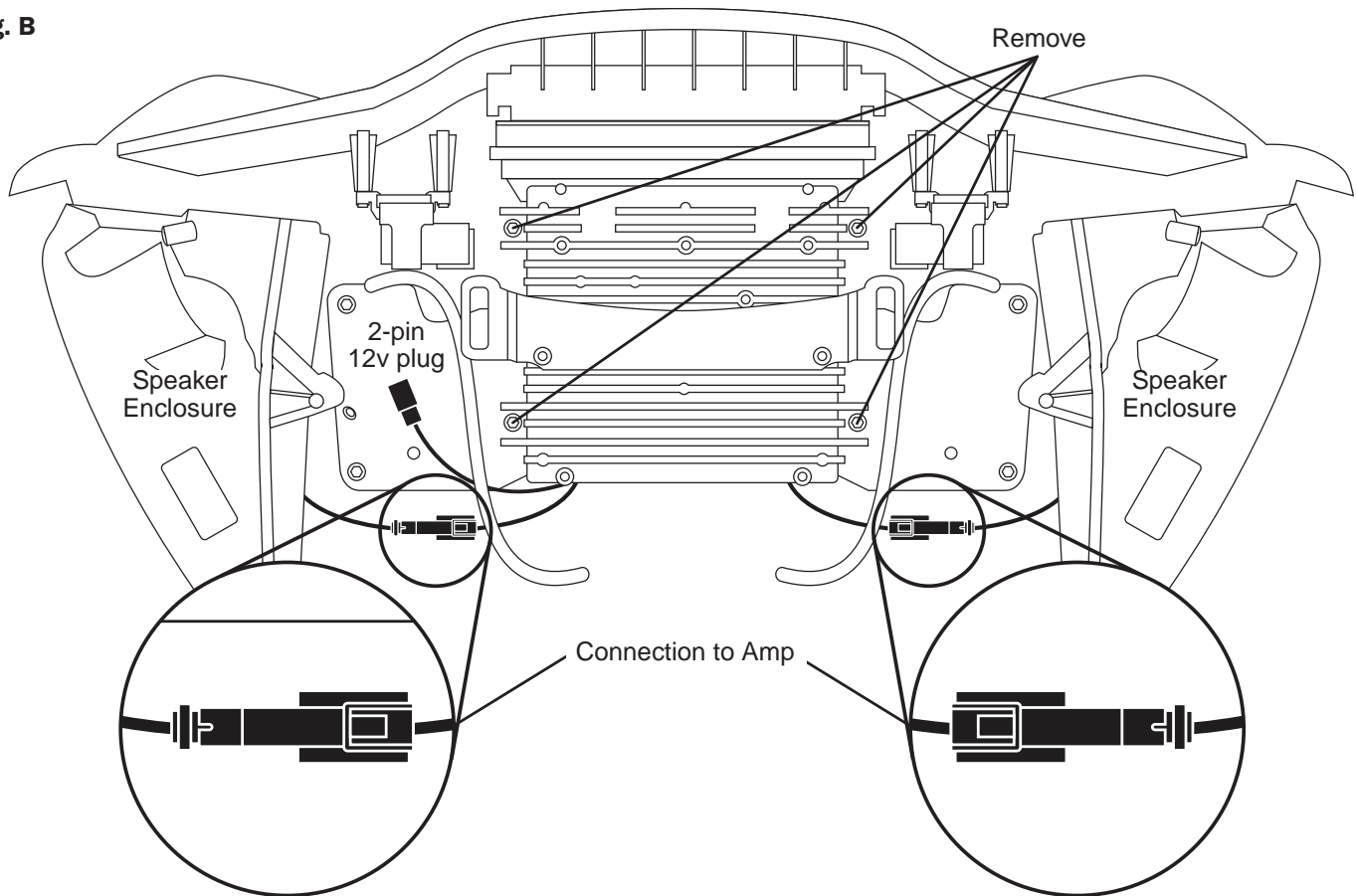


Connect the negative (black) lead from the power harness to the same bolt/stud on the frame that the negative battery cable is connected to.

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.
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)**

Fig. B



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 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 programing service is available direct from 'J&M Corporation in Tucson AZ USA. Send email direct to ROKKER\_DSP\_Pro@jmc Corp.com

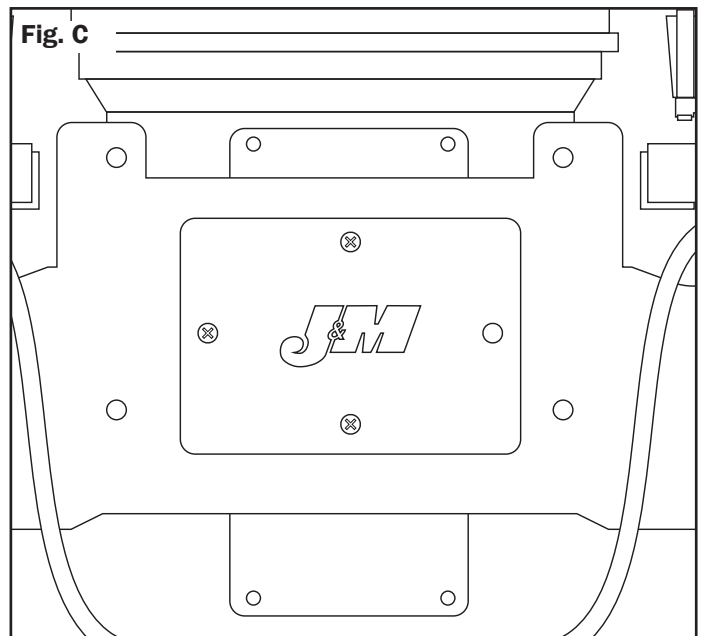


Fig. D

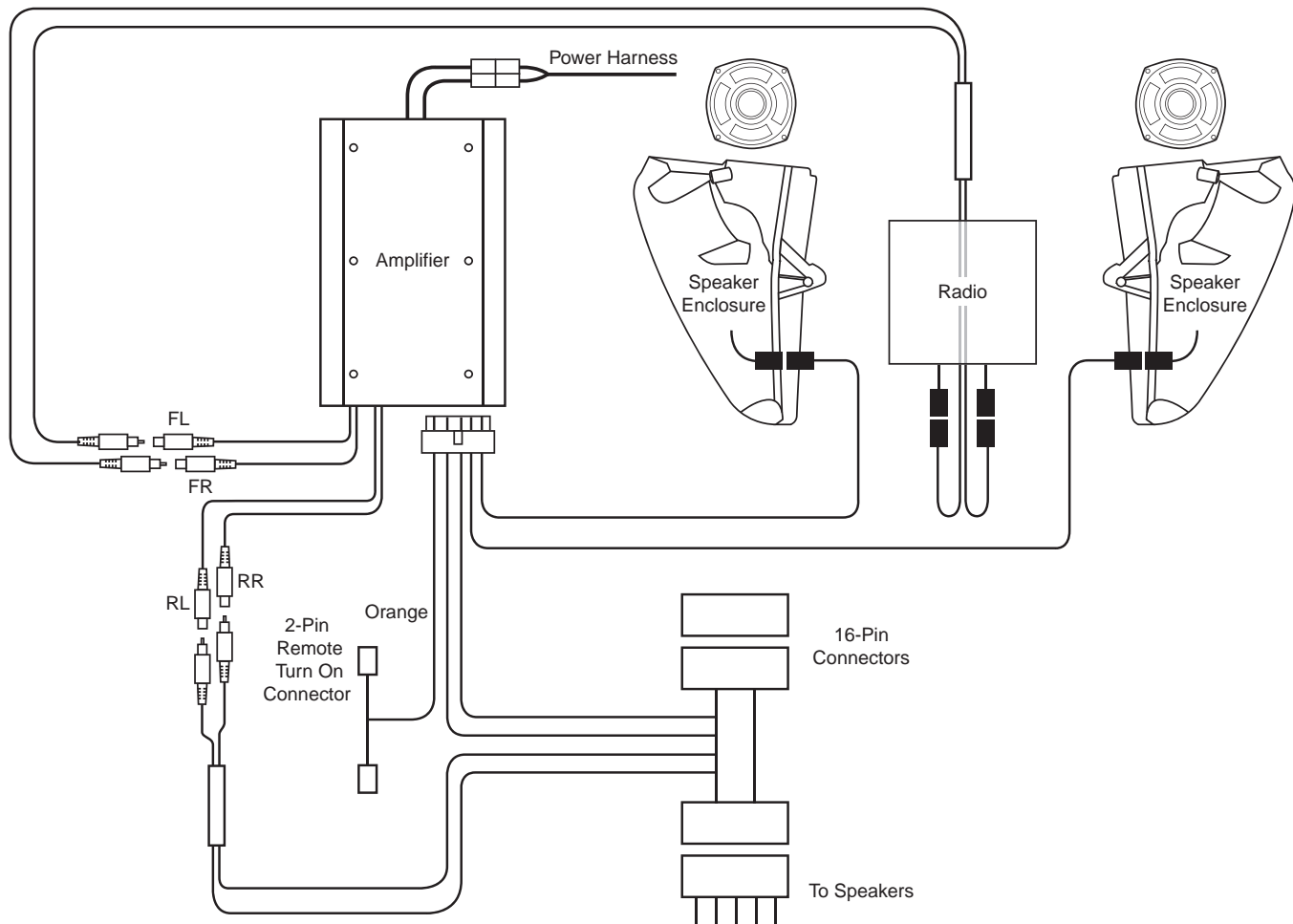
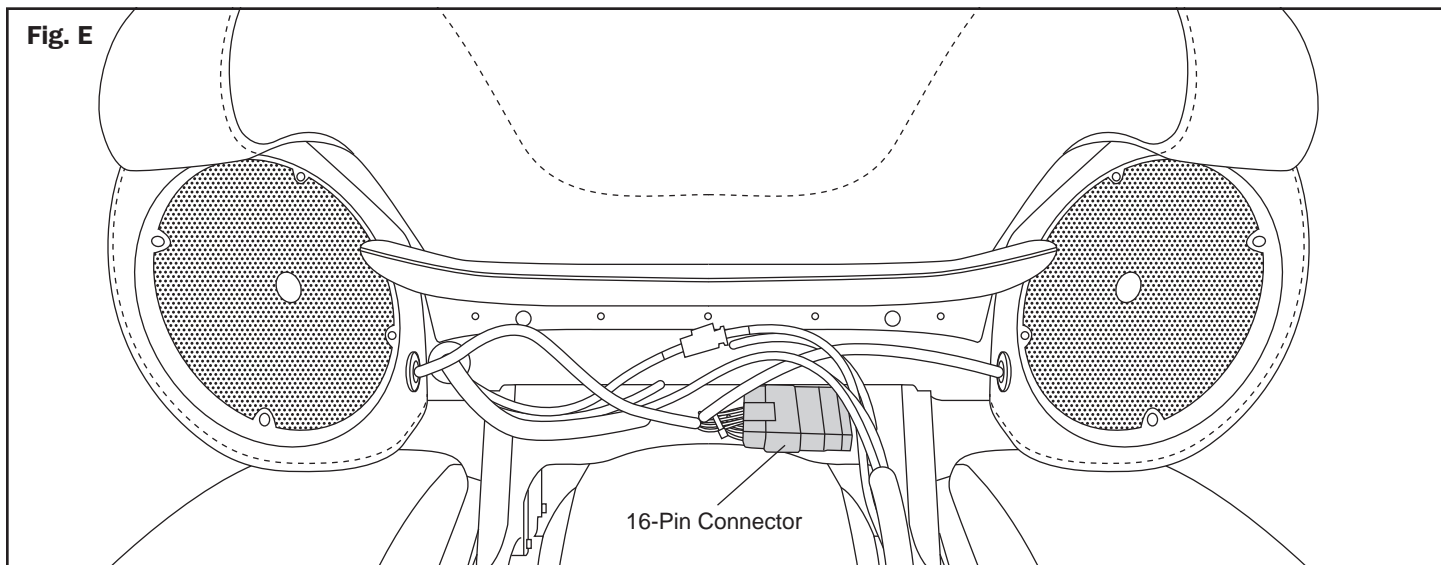


Fig. E



**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

## WARRANTY AND REPAIR INFORMATION

**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**.

**WHO PROVIDES THE WARRANTY?** This warranty is provided by **J&M CORPORATION**.

**WHO IS PROTECTED?** This warranty is extended only to the original owner of this J&M CORPORATION product and may not be transferred or assigned.

**WHAT IS COVERED AND HOW LONG?** This warranty covers all defects in material or workmanship of our product for a period of 2 years from date of original retail purchase. At its option, **J&M CORPORATION** will repair or replace any defective part(s) or equipment.

The provisions of the warranty shall not apply to any unit which has been subjected to misuse, neglect, incorrect mechanical or electrical installation, unauthorized modifications, accident, nor to units which have been repaired or altered outside of our factory.

**PROCEDURE FOR OBTAINING PERFORMANCE OF WARRANTY** In the event that the product does not conform to this warranty, the product should be shipped prepaid to the **J&M CORPORATION** service facility. Transportation charges, insurance fees, and labor costs for shipment, removal, or reinstallation of our product are not covered by this warranty. Loss or damage in shipment is the sole responsibility of the freight carrier.

**FOR YOUR INFORMATION** Repair as provided under this warranty is the exclusive remedy of the consumer. **J&M CORPORATION** shall not be liable for any incidental or consequential damages or for breach of any express or implied warranty on this product. Except to the extent prohibited by applicable law, any implied warranty of merchantability or fitness for a particular purpose on this product is limited in duration to the duration of the warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusion may not apply to you. This warranty gives you specific legal rights which vary from state to state.

**J&M CORPORATION** reserves the right to make changes in design and to make improvements in its products without the obligation to incorporate the changes or improvements in any of its previously manufactured products.

**J&M CORPORATION** has not authorized anyone to make representations or warranties other than the warranty contained herein.

The above warranty is effective for all products manufactured after 10/01/86.

**NON-WARRANTY REPAIR RATES** **J&M CORPORATION** reserves the right to change the labor repair rates without prior notice. At the time of this printing the out-of-warranty repair is \$40 per hour for labor only. However, the customer is advised to verify the current rate when he/she calls customer service to obtain the return authorization number.

**FACTORY SERVICE ADDRESS** J&M Corporation, 1415 S. Cherry Avenue, Tucson, Arizona, 85713, U.S.A. Tel: 1-800-358-0881 audio@jmc corp.com www.jmc corp.com

**CUSTOMER SERVICE NUMBER 1-800-358-0881**



## WARRANTY REGISTRATION FORM

Please fill out this card completely and mail it immediately after purchase. Please be sure that your zip code and serial number (if applicable) are legible. This will help us to serve you better.

(PLEASE PRINT)

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Motorcycle  Other  E-mail \_\_\_\_\_

Make \_\_\_\_\_ Model \_\_\_\_\_ Year \_\_\_\_\_

Product part number \_\_\_\_\_

Serial number (if applicable) \_\_\_\_\_

Date of purchase \_\_\_\_\_

Name of dealer it was purchased from \_\_\_\_\_



Mail to:  
J&M Corporation  
1415 S. Cherry Avenue  
Tucson, AZ 85713  
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