



**ROKKER® XXRP 700w
Amplifier Kit For 2011-2013
Harley® Road-Glide Ultra**

#JAMP-700HR11-ULP

**Installation
and Operation
Instructions**

Product Description

This new J&M ROKKER XXRP DSP controlled 4-channel 700 watt RMS fairing/rear speaker amplifier kit has been designed specifically for use on the 2011-2013 Harley® RoadGlide Ultra (NOT for CVO) with the stock Harley HK radio.

The specific plug-n-play RCA input harnesses included with this amplifier kit, take the 4-channels of audio signal available from the RoadGlide Ultra version of the Harley HK radio and provides 4 separate channels of amplification at 175 watts RMS continuous power per-channel into a 2 or 4-ohm speaker load. (Manually selectable on the amplifier itself for a 2-ohm or 4-ohm speaker load)

This is a full range class D digital amplifier properly shielded against RF interference into the AM or FM stereo radio bands.

The ROKKER XXRP 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 mounts to the custom made 1-piece L-bracket system, to provide solid and secure mounting inside the RoadGlide fairing.

These new ROKKER XXRP series amplifiers are fully programmable thru the internal digital signal processor (DSP) and come out of the box already dialed in for this specific RoadGlide Ultra speaker configuration, to provide maximum highway performance from your Harley Davidson audio system.

Should you wish to alter these DSP settings using the internal programming dongle already built into this new amplifier, (USB computer connection cable also included with this amplifier kit) all of our specific custom amplifier programs are now available as a consumer download from the J&M website.

Also included are our custom made heavy-gauge power and ground wires used for the fused battery & frame connections, along with all necessary mounting hardware & complete installation/operation instructions.

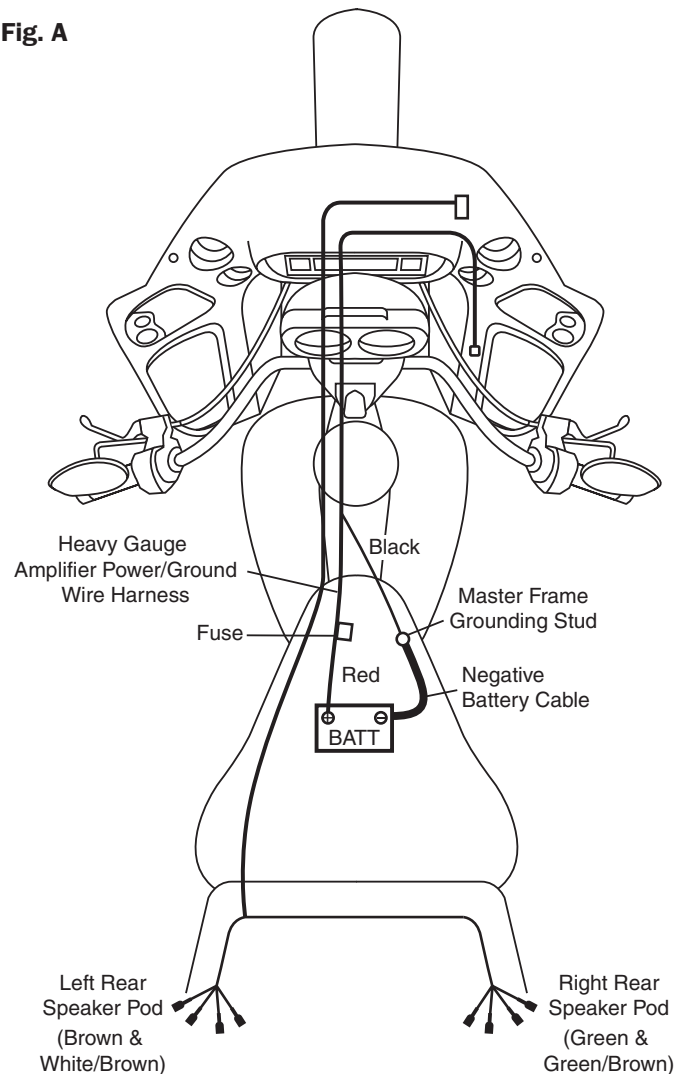
Amplifier itself measures 8 1/4" Long X 5 1/8" Wide X 1 5/8" Tall.

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. Then 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. By following the factory wiring harness, route the rear speaker harness from the fairing, under the fuel tank, past the battery along each side of the frame and then follow the speaker wires going into the rear speaker pods. The green and green/brown wires go to the right side speaker pod and the brown and white/brown to the left side speaker pod. **(Figure A)**
5. Remove both of the flange nuts from the right-side inner-fairing mounting studs. **(Figure B)**

NOTE: When installing the JAMP-500HR11-UL amplifier in conjunction with J&M's 7.25 speakers, it is necessary to install the speakers before installing the amplifier. This not only allows for easier speaker installation, but is required for proper positioning and adjustment of the amplifier/bracket assembly before securing the assembly to the inner fairing.

Fig. A



6. After first connecting the power harness to the amplifier, install the amplifier assembly into the inner fairing by placing the assembly between the inner fairing and the right-side storage pocket while positioning the slotted holes in the mounting bracket over the right-side inner-fairing mounting studs. Re-install the flange nuts loosely but do not tighten them at this time. **(Figure C)**

7. **IMPORTANT NOTE:** ROUTE BOTH THE AMPLIFIER POWER HARNESS AND THE FACTORY TURN SIGNAL WIRING HARNESS ABOVE THE AMPLIFIER BEING SURE NOT TO ALLOW THEM TO BECOME PINCHED BETWEEN THE AMPLIFIER AND THE FAIRING DURING INSTALLATION.

8. Position the amplifier/bracket assembly so that there is 1/4" of clearance between the amplifier and the lower edge of the 7.25 speaker, then tighten the flange nuts securing the assembly to the inner fairing. **(Figure D)** (Check to be sure that the 1/4" of clearance has been maintained after securing the assembly)

9. Make amplifier/speaker connections according to diagram. **(Figure E)**

10. 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.

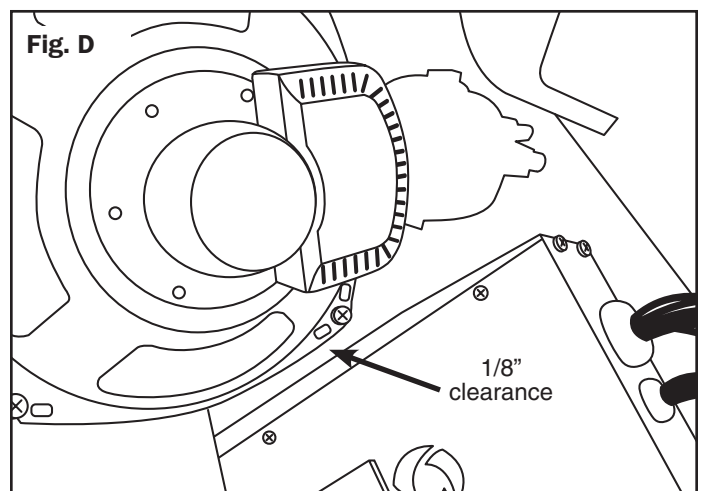
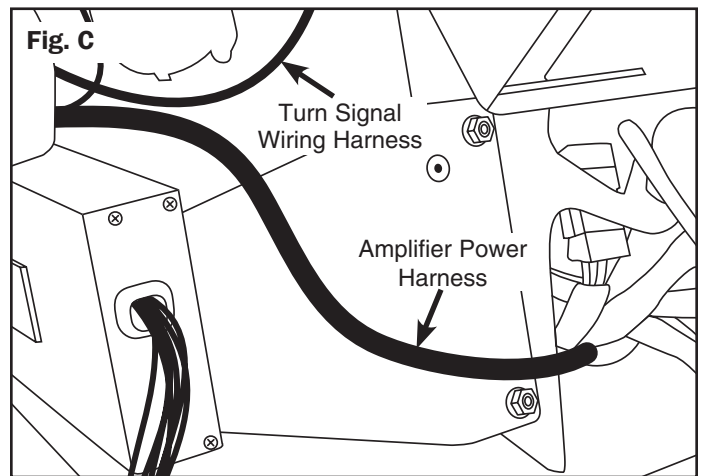
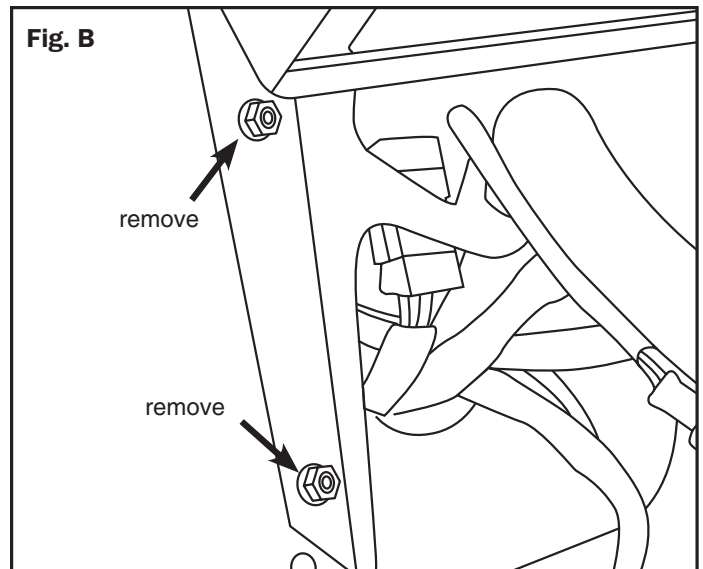
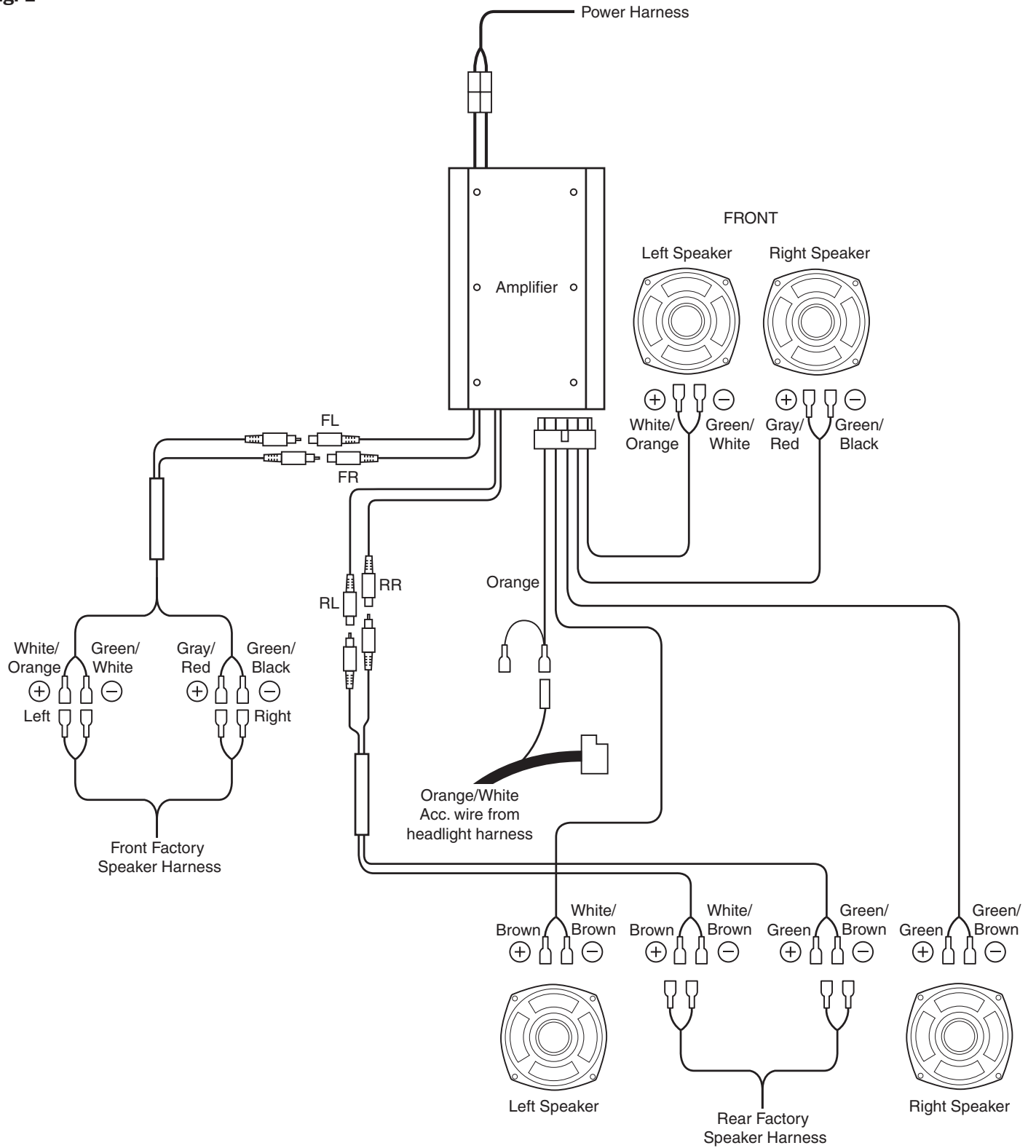


Fig. E



Specifications

ROKKER® XXRP 700

Full Range Class D Amplifier

Output Power (RMS) @ 1% THD 1000Hz 14.4V CEA 2006

Stereo @ 4ohms 4 x 175 Watts – 700w RMS Total

Stereo @ 2ohms 4 x 175 Watts – 700w RMS Total

Frequency Response -3dB 1Hz - 69kHz Capable

S/NRatio

Separation

>90dB

>74dB

Input Sensitivity

.35V - 3.9V

Input Impedance

47.5K

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.

Thank you for the confidence you have shown in J&M Corporation by purchasing one of our innovative products.

