

RR800V JCM800 6V6

Marshall 2104/JCM800 With 6V6 Power Tubes In A Princeton Reverb Chassis
*******MODIFIED DESIGN*****NOT DONE BY ROBI!!!!**
*****UNCONFIRMED AS OF 4/29/2020 (WILL UPDATE)****

(though the mods are from his site in the amp mod section)

- Resonance Control
- Negative Feedback Control
- True Bypass Effects Loop
- Bias Test Ports

Power Transformer

AllenAmps.com TP25
 310-0-310VAC 150ma
 6.3V Center Tap

6.3V

HV Center Tap

Power Amp Ground Bolt

50V Bias

HV

Primary

Output Transformer

Output Transformer

V5 6V6GT/6L6/EL34

V4 6V6GT/6L6/EL34

Push-Pull Power Tubes

V3 12AX7
 LTP Phase Inverter

V2 12AX7
 Preamp 3 & Cathode Follower

V1 12AX7
 Preamp 1 & Cold Clipper

BIAS TEST PORTS

Black = Hot
 White = Neutral

Power Cord

2A Slow Blow Fuse

Power DPST

Warehouse Guitar Speakers 10" or 12" Green Beret

SEND
 SWITCHCRAFT 11

RETURN
 SWITCHCRAFT 12A
 JACK NEEDS SHUNT TIP

GROUND IS FROM THE JACKS GROUNDED TO CHASSIS

All resistors 1/2 watt 10% unless specified
 O on caps indicates outer foil
 Princeton Reverb Chassis
 See https://robinette.com/RR2104_Master_Volume_Micro.htm

- 470Ω Carbon Composition
- 470Ω Metal Film
- 470Ω Metal Oxide

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A RobRobinette.com design based on the Marshall JCM800 V2.5

Output Transformer AllenAmps.com TO26 7K:8 & 16 ohms
 For 6V6 use 8 ohm tap with 8 ohm speaker
 For 6L6 and EL34 use 16 ohm tap with 8 ohm speaker
 Choke Classitone 40-18032 5H 120ma

