

**TUBE FUNCTION AND LOCATION CHART**  
**PITTBULL FIFTY/ST HEAD, FIFTY/TWELVE COMBO**  
FOR PRE BOARD REVISION 4.1 AND LATER

Each 12AX7 has two sections/functions. Section A is shown first, Section B is second.  
Factory recommended tubes are listed under each location. Numbering sequence is right to left looking at back of amp starting with the row closest to front panel of amp.

V1 (shielded tube)	Reverb return amplifier.
12AX7WB Russia	Input Gain Stage 1 and signal splitter for both channels

V2	Tone Control Driver, Drive channel
12AX7 China	Gain Stage 3 for Drive channel

V3	Gain Stage 2 for Clean channel
12AX7 China	Gain Stage 2 for Drive channel

V4	Reverb Driver. Small Signal Pentode
EF86/6267	Not interchangeable with 12AX7 or EL84

V5	Phase Inverter
12AX7 China	Power amp input stage

V6	Rectifier Tube
5AR4/GZ34	
Russia/China	

V7-8	Power Tubes
EL34	
Russia - Svetlana/EH	