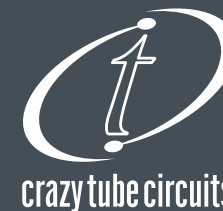


SPACE CHARGED



Space Charged got super charged! Preserving that warm tube tone of the previous version we've added gain and volume boost function to spice up your solos. The core real-tube overdrive circuit, courtesy of a 12AY7, is exactly the same but as we listened to our customers feedback we updated the tone control with wider range for brighter sounds available and also included a tight / fat switch to shape lower frequencies attack. Powered from a standard 9V DC power supply with an internal voltage multiplier to make the tube feel more comfortable! You will experience warm, organic tube tone with excellent touch sensitivity and a wide palette of tones from thick, full-bodied clean boost to authentic classic rock overdrive / distortion. The pedal responds to pick attack with a smooth and graceful breakup characteristic on all drive settings, producing rich and musical harmonic overtones.

DC:
Operates with external 9V DC regulated power supply (- center, + ring). Max current consumption 430mA @ 9V DC. Using a power supply of +12V DC or more may cause severe damage to the pedal and void warranty.

Gain:
From clean to mean. Set and forget - control everything from your pick attack / guitar volume knob.

Tone:
Controls the tone and presence of the overdriven signal. From smooth to raw - set as needed to perfectly cut through the mix.

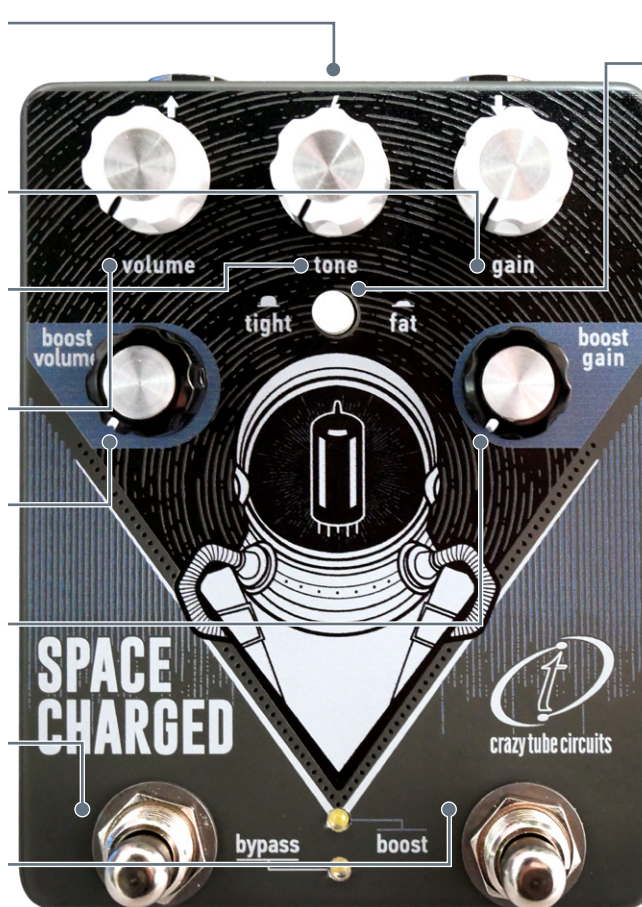
Volume:
Controls the master volume of the effect. Set to match bypassed volume or give a slight boost to push your amp.

Boost volume:
Set the master volume of the boost function. Set to match standard volume for a second sound preset or give a volume boost to make your solo shine.

Boost gain:
Controls the added gain level. This control starts from where the standard gain knob is set and pushes the drive boundaries with harmonic overtones.

Bypass footswitch:
Engage or true-bypass the effect. Space Charged features top quality relay-driven true bypass that will automatically go in bypass mode in the event of power supply failure.

Boost footswitch:
Engage the gain / volume boost function. Push the pedal's boundaries to find the perfect solo boost.



Tight / fat switch:
Shape the low frequency response. Set for an open and tight or fat and slow attack.

We designed Space Charged with 12AY7 for optimum performance but you can replace the tube with any standard dual triode like 12AX7, 5751, 12AT7, 12AU7 for different flavor and overdrive / distortion characteristics.

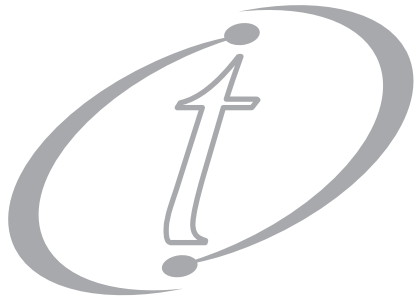
You should replace the tube if you experience loss of highs and lows, little or no output at all, microphonic whistling or squealing, or excessive noise. Tubes wear out with use and have to be changed accordingly.

HOW TO REPLACE THE TUBE:

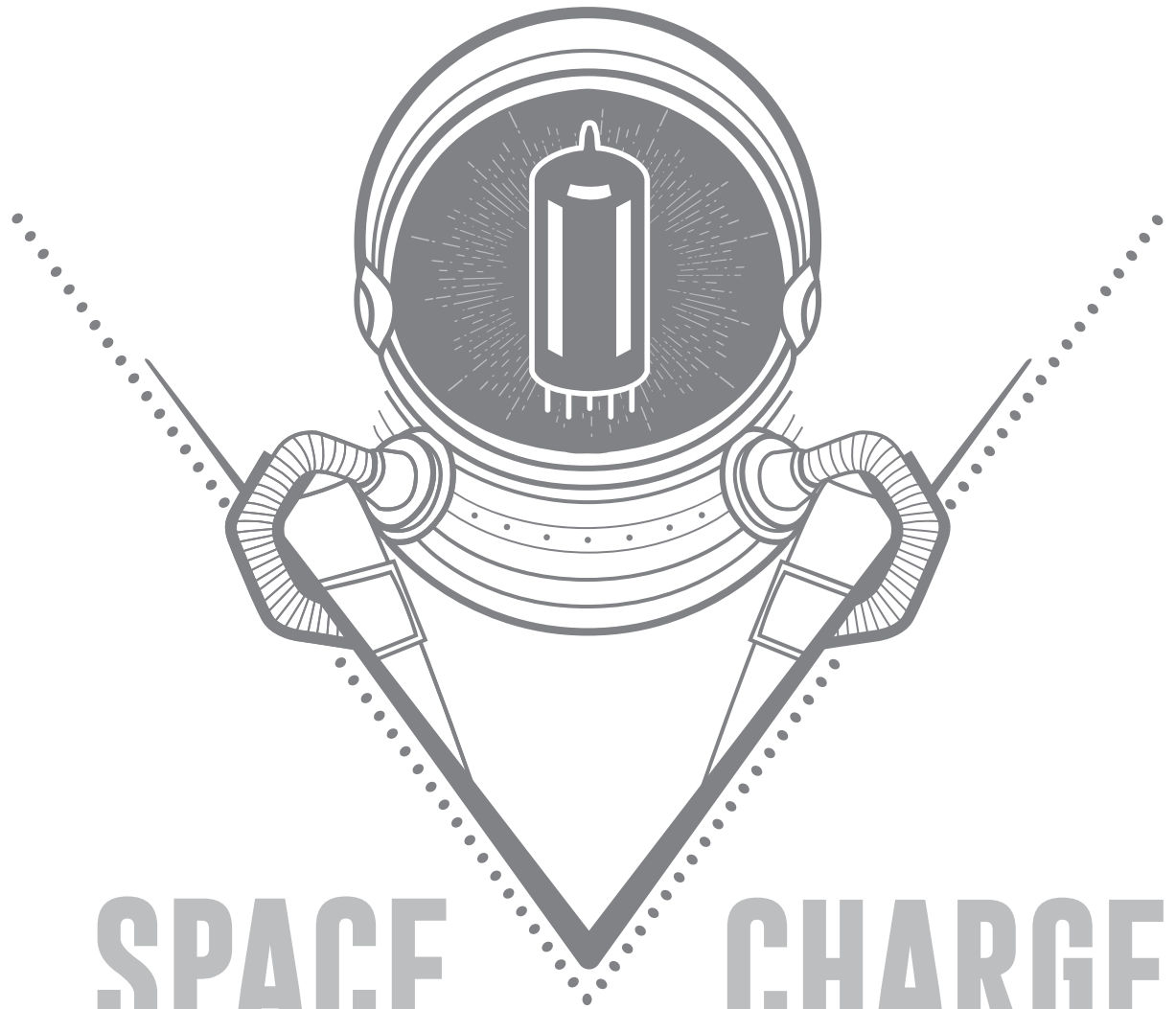
1. Disconnect power supply
2. Unscrew and remove bottom plate and PCB protection film cover
3. Remove tube gently
4. Replace only with 12AY7 or similar 9 pin tube type (12AX7, 5751, 12AT7, 12AU7)
5. Re-install PCB protection film cover and bottom plate.

Warranty: Space Charged comes with 5 years warranty from date of manufacture. We will provide service/repair at no cost within 5 years from date of manufacture - buyer is responsible for shipping costs or customs fees and taxes that may apply. This warranty excludes the tube and damages done due to misuse or improper handling.

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