



Jeep Beats Sound Competition Rules

There are 3 classifications in ***Jeep Beats Sound*** Competition:

1. **Hard Top** - All Jeeps with a hard top (in place).
2. **Soft Top** - All Jeeps with a soft top (in place).
3. **Topless (No Top)** - All Jeeps with no top or completely open.

“Jeep Beats” Soundoff Competition is fun and informational for those who wish to get an unbiased evaluation and input from an IASCA certified Sound Quality Judge. In-place judging is the format, whereas Judges come to your Jeep and evaluate the Sound System in 4 scoring categories:

1. **Tonal Accuracy** - How natural and defined (as close to live) the system sounds like.
2. **System Linearity** - How detailed and “balanced” the frequency spectrum is at low, medium, and high-volume levels.
3. **System Safety** – Installation is judged for safety, including proper wiring size(s), protection, fuses and ergonomically positioned controls.
4. **SPL (Sound Pressure Level)** – the volume level the system can attain without distortion.

In all judging categories, points start at zero. Judges add points based on system performance in each judging section:

TONAL ACCURACY – (1 to 40 points possible)

Judges will score the sound system from a standing position outside the vehicle, while listening to music selected by the competitor. There are 4 scoring areas in this section: Sub Bass, Mid Bass, Midrange, Treble. Judges evaluate these areas simultaneously, listening for response within the bandwidth and how natural it sounds. Each scoring area is worth 10 maximum points.

SOUND QUALITY / LINEARITY – (1 to 30 points possible)

There are 3 scoring areas in this section each for Low, Medium and High-Volume levels. Each scoring area is worth 10 points. Judges evaluate the sound system at these 3 levels to establish how well vocals can be understood, that the bass doesn't overpower highs or vice versa and that the sound is pleasing to listen to, not hard on the ears or hard to hear.

SYSTEM SAFETY – (1 to 20 points possible)

There are 4 scoring areas in this section:

1. **System Properly Fused** - Is the sound system / amplification properly protected with fuse(s).
2. **Equipment Secured and Protected** - Is all the sound system equipment properly installed and secured so it does not present a hazard or danger to the rider or passengers. Is it properly protected from the elements?
3. **Wiring** - Is the wiring properly routed so it does not present a short circuit hazard, a danger to the rider and/or passengers or impede any other serviceable part of the vehicle.
4. **System Cosmetics** - Does the system look good in the vehicle. How well does it blend in?

Judges will inspect the sound system for installation quality and integration into the vehicle.

SPL (Sound Pressure Level) – (up to 130 points possible)

SPL Competitors will play a music selection that they choose. An SPL microphone is held at the driver's door at chest height for approximately 30 seconds. The meter reading becomes the score a maximum of 130 points can be awarded.