



Rules

IASCA Jeep Beats Description and Rules

IASCA “**Jeep Beats**” competition is for those who want to show off their Jeep’s sound system, but don’t want to get too detailed in the judging of it.

Competitors in a “**Jeep Beats**” Competition only have to arrive at the event, park their vehicle and play their system for the Judges!

Judges will come to the vehicle and evaluate each vehicle in 4 scoring categories:

- **Tonal Accuracy** - How natural the system sounds.
- **Sound Quality** - How detailed the sound is in the system at low, medium and high volume levels.
- **System Safety** - How well the equipment is installed and is it properly protected.
- **SPL** - How loud the system can get.

Jeep Beats Classes

Hard Top

- For all Jeeps with a Hard Top. ALL Music must be played inside.
- The Jeep’s Hard Top must be on the Jeep and all sides installed. The windows are allowed to be open while the music is playing inside the Jeep.

Soft Top

- For all Jeeps with a Soft Top, whether OEM or aftermarket. ALL Music played inside.
- The Jeep’s Soft Top must be on the Jeep and all sides installed. The windows are allowed to be open while the music is playing inside the Jeep.

Open (No Top)

- For all Jeeps with either no top or a completely open top
- The Jeep is playing music in open air. This applies to Hard Top and Soft Top Jeeps. If the Jeep has any components removed that allows music to be played in open air it is considered the Open Class

SCORING/JUDGING

Scoring is straightforward; the higher the number, the higher the score. Judges will start at zero (0) and add points based on how the sound system performs in each judging section. The following describes the scoring and judging procedure for each section:

TONAL ACCURACY – “How natural the music sounds” (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, High Frequencies. Each scoring area is worth 10 points.

Judges will evaluate these 4 scoring areas at the same time, listening for how well the sound system is able to produce those frequencies and how natural the music sounds. Natural means “Does the guitar sound like a guitar?” “Does the musician sound like they’re supposed to sound?” “Do the other instruments being played sound natural as well?”

SOUND QUALITY – “How detailed is the sound system at low, medium and high volume levels?”
(1 to 30 points possible)

There are 3 scoring areas in this section; Low, Medium and High volume. Each scoring area is worth 10 points.

Judges will evaluate the sound system at low, medium and high volume levels. If the music is clear (vocals can be understood, volume is not overpowering), balanced (Bass does not overpower highs, or vice versa) and sounds pleasing to listen to (music is easy to listen to, not hard on the ears or hard to hear, sound is not distorted) at each volume level, the system will score well.

SYSTEM SAFETY– “Is the equipment installed and properly protected?”
(1 to 20 points possible)

There are 4 scoring areas in this section; System Properly Fused, Equipment Secured and Protected, Wiring and System Cosmetics. Each scoring area is worth 5 points.

- **System Properly Fused** - Is the sound system properly protected with a main fuse.
- **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?
- **Wiring** - Is the wiring properly routed so it does not present a short circuit hazard, or a danger to the rider and passengers
- **System Cosmetics** - Does the system look good in the vehicle. How well does it blend in with the vehicle.

Judges will inspect the sound system for installation quality and integration into the vehicle. Scoring is awarded for properly installed equipment as well as properly protected equipment (e.g. fusing, proper wiring techniques, etc.). Judges will determine this by visual inspection only; however, if the competitor wishes to present installation photos to the judge they may do so; judges may or may not award additional points for photos. Equipment not properly mounted (bolted or screwed down) will score lower than equipment that is properly mounted.

SPL – “How loud is the sound system?” **(up to 130 points possible)**

SPL scoring is achieved using a portable SPL meter, held at the driver’s door. Competitors can play any music selection they choose; Judges will hold the meter up at chest height and instruct the competitor to turn the system on for approximately 30 seconds. The meter will record the highest SPL level the system achieved and that level will be the score, up to a maximum of 130 decibels. A maximum of 130 points can be awarded.

NOTES SECTION

Judges will provide notes on each scoring section to offer the competitor ideas and suggestions on how to improve their sound systems.

DETERMINING THE WINNERS

The high score in each class will be the winner, or Champion, for the class. As there are 3 classes in each format, there will be 3 winners if there are vehicles in each class.

Competitors will be given a copy of their score sheet if they wish to have one.