

**Progressive Auto Sounds  
SPL competition entry form  
Sunday August 1st, 2010**

**Location: Kapolei Shopping Center  
No Fear Hawaii Store**

**Time: Check starts at 8:00 am  
Registration CLOSES at 9:00am  
Test and Tune 8:00am-10:00am  
Start @10:00am**

**Name:** \_\_\_\_\_

**HCA S/N:** \_\_\_\_\_

**SPL CLASS: A B C D E**

**Amateur: Yes \_\_\_ No \_\_\_**

**Old School 1000W: Yes \_\_\_ No \_\_\_**

**8"challenge: Yes \_\_\_ No \_\_\_**

**Bass Boxing: Yes \_\_\_ No \_\_\_**

**Truck Class No Walls: Yes \_\_\_ No \_\_\_**

**Vehicle MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_**

**SUBWOOFER Brand: \_\_\_\_\_ Size: \_\_\_ QTY: \_\_\_**

**AMPLIFIER Brand: \_\_\_\_\_**

**Total Watts: \_\_\_\_\_**

\_\_\_: I hereby release and give permission for any type of filming or media taken of my vehicle and self

\_\_\_: I refuse and prohibit any type of filming or media taken of my vehicle and self

**Signature:** \_\_\_\_\_

**FOR STAFF USE ONLY**

**Preregistered: Y or N**

**SPL Score 1: \_\_\_\_\_ Score 2: \_\_\_\_\_**

**Bass Boxing: \_\_\_\_\_**

**Preregistration fee: \$30**

**Day of competition: \$40**

**Signing the above entry form RELEASES  
Progressive Auto Sounds of ANY injury or  
hazards that may occur during the event**

**We also have the right to refuse any entry that  
may be a fire/electrical hazard**

**Preregistration is NON REFUNDABLE!!!**

**In the event you are disqualified during  
competition you will not be refunded**

**If your car doesn't pass tech inspection you will  
not be refunded, We here are trying to keep this  
fun safe and on a professional level!!!!**

**Rules of the competition:**

- Wattage does not affect division placement.
- All dB Run scores will be read at the dash on the passenger side, sealed, legal using a Term-LAB sensor.
- Competitors have a total of 30 seconds in which to achieve the highest SPL reading.
- Competitors are permitted to use their own material during a dB Run (i.e. music, test tones, etc...) If the competitor does not have their own material, we shall have some on hand.
- Competitors retain the option of having the engine running during a dB Run. If running, the engine may not exceed 5000 RPM (for safety of spectators and judges).
- Operation of the vehicle or sound system must not endanger the judge,

competitor, spectators, or any real or personal property on the premises.

- The vehicle's parking brake must be set and the hood must be closed shut.
- Doors, windows, and other panels of the competing vehicle may be held from the outside by a total of four people. Sitting on the trunk / roof is permitted.
- The battery under the hood must have an in-line fuse on the run of power wire that enters into the cab of the vehicle.
- The Secondary battery must have an in-line fuse if the amps are more than 10' (feet) away from it.
- No one besides the competitor is permitted inside the vehicle cabin during a dB Run.
- Power wire runs from the engine bay into the cab of the vehicle must not be exposed outside the vehicle. (Example would be running the wire between the door jam from the hood causing it to be smashed when the door is closed).
- Prior to your run, the vehicle will be inspected for its installation quality and safety. If it appears to be unsafe, you will NOT be able to compete and your entrance fee will be refunded.
- Competitors may remain inside of the vehicle if ONE of these conditions are met (This means if you don't meet the first 2, but sign the WAIVER at the time of registering then you may sit in the vehicle without ear plugs, this is to alleviate PAS of any liability due to hearing loss from loud music or pressure levels)..
  1. They wear adequate hearing protection at all times. Removal of the hearing protection while inside of the vehicle will result in immediate disqualification
  2. The competitor's maximum SPL never exceeds 140 dB. A measured SPL in excess of 140 dB will be recorded as 140 dB.
  3. The competitor has signed the entry form part that includes a waiver stating that the competitor understands that "exposure to high sound pressure levels may result in temporary or permanent hearing loss".
- All competitors must conduct themselves in a professional and courteous manner. Physical or verbal abuse of other competitors, the officiating crew, exhibitors, or spectators may result in immediate disqualification, ejection from the competition.

**Division Break down:**

~ The division break down is done by cone area of your subwoofer. Take the diameter of the subwoofer and half it that gives you radius, then (radius) x (radius) x (3.14) x (the number of subwoofers you have) = the total cone area.

Class A - 1-101 sq. inches

Class B - 102 - 160 sq. inches

Class C - 161 - 260 sq. inches

Class D - 261 - 354 sq. inches

Class E - 355 + sq. inches

#### Round Subwoofer Breakdown

6.5" = 33.18 sq. inches

8" = 50.26 sq. inches

10" = 78.54 sq. inches

12" = 113.09 sq. inches

13" = 132.73 sq. inches

15" = 176.71 sq. inches

18" = 254.46 sq. inches

21" = 346.36 sq. inches

#### Square Subwoofer Breakdown

10" = 100 sq. inches

12" = 144 sq. inches

15" = 225 sq. inches

18" = 324 sq. inches