



## **2010 NDR CAR RULES**

### **2010 STOCK DIVISION RULES**

Your Stock Division car will be inspected against the latest version of the International Soap Box Derby "Let's Go Racing" publication and all subsequent updates posted on the AASBD.org website starting Jan 1st, 2010 thru the 2010 NDR Nationals. Exceptions to those documents will be posted here.

#### **BODY**

All cars must have a minimum girth of 53". No nose gap will be allowed. No nose screw will be allowed.

#### **STEERING**

The use of the PVC style adjusters is optional.

The NDR allows you to paint your steering assembly. CAUTION: The AA does not allow this so do not expect to be allowed to race in AA rallies or an AA local with a painted steering assembly.

#### **FLOORBOARD**

Any car found with sunken washers or other major non-conformities will be subject to these options and actions.

1. Withdraw from the event.
2. Replace the floorboard.
3. All non-conforming components will be confiscated and destroyed, witnessed by the owner.

**The NDR will continue to allow the use of vintage AA issued butcher-block floor boards. However these guidelines will be enforced.**

**A. Only boards converted from non Elevator bolt construction will be allowed water based wood filler around the head of the EI bolts. And all filler must be flush with the surface of the floorboard.**

**B. 100% of the diameter of every EI bolt must be visible and no sanding of the EI bolts is allowed.**

**C. No Tung oil or any other substance will be allowed to cover any bottom hardware.**

**D. Stock Division: The front of the floor to the center of the front kingpin shall be 7-15/16, +/- 1/16". From the center of the front kingpin to the center of the rear kingpin shall be 61-1/8", +/- 1/16".**

#### **BRAKES**

All brake cables should be double looped and double clamped.

#### **AXLES and FOILS**

The axles shall not be altered in any way. No axle older than 1996 may be used. Center drilling the kingpins is acceptable.

**Air foils in the Stock Division are allowed to be traditional wood or the new AA issued plastic during the 2010 racing season. However the new plastic AA foils will be mandatory at the 2010 NDR National Championship.**

## 2010 SUPER STOCK DIVISION RULES

Your Super Stock Division car will be inspected against the latest version of the International Soap Box Derby "Let's – Keep on Racing" publication and all subsequent updates posted on the AASBD.org website starting Jan 1st, 2010 thru the 2010 NDR Nationals. Exceptions to those documents will be posted here.

### BODY

No nose gap will be allowed. No nose screw will be allowed.

### STEERING

The use of the PVC style adjusters is optional.

The NDR allows you to paint your steering assembly. CAUTION: The AA does not allow this so do not expect to be allowed to race in AA rallies or an AA local with a painted steering assembly.

### FLOORBOARD

Any car found with sunken washers or other major non-conformities will be subject to these options and actions.

1. Withdraw from the event.
2. Replace the floorboard.
3. All non-conforming components will be confiscated and destroyed, witnessed by the owner.

**The NDR will continue to allow the use of vintage AA issued butcher-block floor boards. However these guidelines will be enforced.**

**A. Only boards converted from non Elevator bolt construction will be allowed water based wood filler around the head of the EI bolts. And all filler must be flush with the surface of the floorboard.**

**B. 100% of the diameter of every EI bolt must be visible and no sanding of the EI bolts is allowed.**

**C. No Tung oil or any other substance will be allowed to cover any bottom hardware.**

**E. Super Stock Division: The front of the floor to the center of the front kingpin shall be 5-13/16, +/- 1/16". From the center of the front kingpin to the center of the rear kingpin shall be 63-3/8", +/- 1/16".**

### BRAKES

All brake cables should be double looped and double clamped.

### AXLES and FOILS

The axles shall not be altered in any way. No axle older than 1996 may be used. Center drilling the kingpins is acceptable.

**Air foils in the SS Division are allowed to be traditional wood or the new AA issued plastic during the 2010 racing season. However, the new plastic AA foils will be mandatory at the 2010 NDR National Championship. Use the instructions provided by the AA to trim to length. The NDR will check compliance with a length gage.**

### WEIGHTS

The maximum weight of the car and driver is 240 pounds on Z-Glass wheels.

## 2010 FLAT BOTTOM MASTER

Your 2010 Flat Bottom Master Division car will be inspected against the latest version of the International Soap Box Derby "2007 Scottie Master Division" publication posted and all subsequent updates posted on the AASBD.org website starting Jan 1st, 2010 thru the 2010 NDR Nationals. Exceptions to those documents will be posted here.

### **BODY**

No nose gap will be allowed. No nose screw will be allowed.

### **STEERING**

The NDR allows you to paint your steering assembly. CAUTION: The AA does not allow this so do not expect to be allowed to race in AA rallies or an AA local with a painted steering assembly.

### **FLOORBOARD**

Any car found with sunken washers or other major non-conformities will be subject to these options and actions.

4. Withdraw from the event.
5. Replace the floorboard.
6. All non-conforming components will be confiscated and destroyed, witnessed by the owner.

**The NDR will continue to allow the use of vintage AA issued butcher-block floor boards. However these guidelines will be enforced.**

**A. Water based wood filler will only be allowed to repair minimal floorboard damage.**

**B. 100% of the diameter of every EI bolt must be visible and no sanding of the EI bolts is allowed.**

**C. No Tung oil or any other substance will be allowed to cover any bottom hardware.**

### **BRAKES**

Using a hand brake is now optional for larger and/or handicapped kids participating in the 08 Flat Bottom Master Division. In order to run this brake in your car, you must submit a written request to the NDR Board at JPearson@quvis.com. Approval to run this brake in your car will be determined on a case-by-case basis. All brake cables should be double looped and double clamped.

### **AXLES**

The axles shall not be altered in any way. No axles older than 1996 may be used. Center drilling the kingpins is acceptable.

## 2010 NDR GLASS WRAPPED MASTER

Your NDR Glass Wrapped Master Division car will be inspected against the 2002 and 2004 versions of the International Soap Box Derby "Master Division Scottie Special" pub Exceptions to those documents will be posted here.

### **BRAKES**

Using a hand brake is now optional for larger and/or handicapped kids participating in the 08 Glass Wrapped Master Division. In order to run this brake in your car, you must submit a written request to the NDR Board at JPearson@quvis.com. Approval to run this brake in your car will be determined on a case-by-case basis. All brake cables must be double looped and double clamped.

### **BODY**

No glass or composite over foam or void areas allowed.

**AXLES**

The axles shall not be altered in any way. No axles older than 1996 may be used. Center drilling the kingpins is acceptable.

**WEIGHTS**

The maximum weight of the car and driver is 260 pounds on Z-Glass wheels.

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