



# 2008 NHRDA Sled Pull Rules



# General Rules

The following rules apply to ALL classes and competitors.

- 1.0 Safety inspections will be performed on all vehicles prior to pulling.
- 2.0 No drugs or alcohol will be tolerated at the event.
- 3.0 Seatbelts shall be worn by ALL vehicle occupants at all times during the pulling event, including (but not limited to) staging and pulling.
- 4.0 Occupants in vehicles during a pull may include:
  - 4.1 One driver.
  - 4.2 One driver and not more than one Sled Pull Director.
  - 4.3 One Sled Pull Director, as a driver, and not more than one registered competitor as a passenger.
  - 4.4 Vehicle occupants, other than the driver, are permitted for educational purposes only.
- 5.0 Hitch requirements
  - 5.1 Driver must supply his/her own hitch.
  - 5.2 Hitch height shall not exceed 26", measured from the center of the clevis to the ground.
  - 5.3 Hitch shall have a minimum 3" inside diameter opening for sled hook.
  - 5.4 No tow balls on hitch
- 6.0 All cargo and/or weights must be safely secured to the vehicle.
- 7.0 No unsecured weight allowed inside the cab of vehicle.
- 8.0 No blocking of suspension or use of limiting straps. Air bags are allowed, but Pull Directors may re-inspect hitch height at any time during the event.
- 9.0 Driveline hoops are required on:
  - 9.1 Any vehicle running any oxidizers, including Nitrous Oxide (N<sub>2</sub>O), Water-Methanol Injection (H<sub>2</sub>O – CH<sub>3</sub>OH), and Propane Injection (C<sub>3</sub>H<sub>8</sub>).
  - 9.2 Any vehicle with a frame height exceeding 28", measured from the bottom of the frame at the mid point of the front door to the ground.

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- 10.0 Driveline hoops, when required, shall be in place on the rear drive shaft and meet the following minimum requirements:
  - 10.1 Constructed of 2" wide by ¼" thick steel or 2" wide by 7/16" thick aluminum, or 7/8" outside diameter 0.065" welded steel tubing.
  - 10.2 Provide 360° enclosure.
  - 10.3 Be securely mounted and located to support the pinion end of the rear driveshaft in the event of a failure.
- 11.0 If any part of a vehicle and/or its cargo becomes separated from the vehicle and contacts the ground, the pull will be stopped immediately and the driver will be disqualified. No points will be awarded for the pull.
- 12.0 The "Full Pull" distance will be determined by the sled operator and/or NHRDA staff and announced at the driver meeting prior to the first pull.
  - 12.1 Any pulls exceeding the "Full Pull" distance will result in a pull off.
  - 12.2 Distances accumulated in excess of the "Full Pull" distance will not be counted in the final results.
- 13.0 The first driver of each class has the option of re-hooking the sled and making a second pull. This shall be announced at the drivers meeting prior to pulling.
  - 13.1 If the driver chooses to re-hook, he/she forfeits the distance first pulled.
  - 13.2 If the driver re-hooks, NHRDA staff and/or the sled operator have the option of changing the weight of the sled.
  - 13.3 Upon successful completion of the first pull in each class, the weight of the sled will be held constant for the remaining drivers in that class.
- 14.0 All drivers have the option of re-hooking the sled if their pull distance is no more than 50 feet.
- 15.0 Any driver that goes out of bounds during their pull will be disqualified any will not be awarded distance for that pull.
  - 15.1 A driver is out of bounds when their vehicle contacts any part of the marked boundary line.
- 16.0 The top three trucks in each class will be inspected prior to the awards ceremony. Any truck that is found in violation of the rules stated herein will forfeit their hook fee, trophy, points, and any money that would have been awarded.



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### STREET STOCK

1.0 Valid drivers license, vehicle registration, and vehicle insurance required.

#### 2.0 Tires

- 2.1 Maximum diameter: 35", as read on the tire sidewall.
- 2.2 Must be DOT Approved, street legal tires.

#### 3.0 Hitch

- 3.1 Stock Reese style hitch, rated class III or higher.
- 3.2 Mounted in the OEM stock location
- 3.3 Meet height requirements defined in the General Rules.

#### 4.0 Frame Height

- 4.1 Maximum frame height: 26"
- 4.2 Frame height is measured from the bottom of the frame, at the mid point of the front door, to the ground.

#### 5.0 Engine Modifications

- 5.1 Limited to one fueling enhancement (chip, programmer, fueling box, or injectors).
- 5.2 Aftermarket air intake and filter allowed.
- 5.3 Aftermarket exhaust allowed.

#### 6.0 Turbocharger

- 6.1 OEM stock turbocharger inlet diameter only.

#### 7.0 Fuel

- 7.1 Diesel fuel only.
- 7.2 No additional fuel or oxidizers, including but not limited to: Nitrous Oxide (N<sub>2</sub>O), Water-Methanol Injection (H<sub>2</sub>O – CH<sub>3</sub>OH), and Propane Injection (C<sub>3</sub>H<sub>8</sub>).

#### 8.0 Weight

- 8.1 Maximum combined weight of vehicle and driver: 8,500 lbs
- 8.2 No hanging weight(s) ahead of front bumper or after rear bumper.



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### STREET MODIFIED

1.0 Valid drivers license, vehicle registration, and vehicle insurance required.

#### 2.0 Tires

- 2.1 Maximum diameter: 38", as read on the tire sidewall.
- 2.2 Must be DOT Approved, street legal tires.

#### 3.0 Hitch

- 3.1 Stock Reese style hitch, rated class III or higher.
- 3.2 Mounted in the OEM stock location
- 3.3 Meet height requirements defined in the General Rules.

#### 4.0 Frame Height

- 4.1 Maximum frame height: 28"
- 4.2 Frame height is measured from the bottom of the frame, at the mid point of the front door, to the ground.

#### 5.0 Engine Modifications

- 5.1 Engine must be available in a 1 ton or smaller vehicle.

#### 6.0 Turbocharger

- 6.1 Limited to one turbocharger.
- 6.2 Maximum inlet size: 71 mm

#### 7.0 Fuel

- 7.1 Diesel fuel only.
- 7.2 No additional fuel or oxidizers, including but not limited to: Nitrous Oxide (N<sub>2</sub>O), Water-Methanol Injection (H<sub>2</sub>O – CH<sub>3</sub>OH), and Propane Injection (C<sub>3</sub>H<sub>8</sub>).

#### 8.0 Weight

- 8.1 Maximum combined weight of vehicle and driver: 8,500 lbs
- 8.2 Hanging weight ahead of front bumper allowed.
- 8.3 No part of the vehicle and/or hanging weight may extend more than 60" ahead of the centerline of the front axle.



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### SUPER MODIFIED

1.0 Valid drivers license require. Vehicle registration and insurance not required.

#### 2.0 Tires

- 2.1 Maximum diameter: Unlimited
- 2.2 Must be DOT Approved.
- 2.3 Tread modification allowed.

#### 3.0 Hitch

- 3.1 Must be properly braced and attached to vehicle frame.
- 3.2 Hooking point must be greater than or equal to 44" from the centerline of the rear axle.
- 3.3 Meet height requirements defined in the General Rules.

#### 4.0 Frame Height

- 4.1 Maximum frame height: Unlimited
- 4.2 Frame heights greater than 28" require driveline hoops that meet the requirements defined in the General Rules.

#### 5.0 Engine Modifications

- 5.1 Unlimited

#### 6.0 Turbocharger

- 6.1 Unlimited number of turbochargers.
- 6.2 Unlimited turbocharger inlet size.
- 6.3 Exhaust cross bolts required.
  - 6.3.1 Minimum bolt diameter: 7/16"
  - 6.3.2 Bolts must be oriented 90° from each other.
  - 6.3.3 Bolts must be no more than 1" apart.

#### 7.0 Fuel

- 7.1 Diesel Fuel required
- 7.2 Supplemental fuel and/or oxidizers are allowed, including but not limited to: Nitrous Oxide (N<sub>2</sub>O), Water-Methanol Injection (H<sub>2</sub>O – CH<sub>3</sub>OH), and Propane Injection (C<sub>3</sub>H<sub>8</sub>).
  - 7.2.1 Drivers running Nitrous and/or Propane injection are required to wear a Nomex® coat rated SFI Spec 31.1 or 41.1.

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### 8.0 Weight

- 8.1 Maximum combined weight of vehicle and driver: 9,000 lbs
- 8.2 Hanging weight ahead of front bumper allowed.
- 8.3 No part of the vehicle and/or hanging weight may extend more than 60" ahead of the centerline of the front axle.

### 9.0 Helmets

- 9.1 Drivers (and passengers) are required to wear a Snell 2000, 2005, 2007 or K98 or newer approved helmet.



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### SLED PULL SERIES POINTS

1.0 The NHRDA Sled Pull Series point system is based on three components; passing tech inspection, number of trucks competing, and finishing order.

- 1.1 Tech Inspection – Each truck that successfully passes tech inspection at an event will receive 50 points.
- 1.2 Number of Trucks – Each truck, in each class, will receive 5 points for each truck that enters and successfully passes tech inspection for that class.
- 1.3 Finishing Order – Each truck finishing in the top 10 positions in each class will receive additional points for their position. Points awarded as follows:

|                          |              |
|--------------------------|--------------|
| 1 <sup>st</sup> - Place  | 200 - Points |
| 2 <sup>nd</sup> - Place  | 180 - Points |
| 3 <sup>rd</sup> - Place  | 160 - Points |
| 4 <sup>th</sup> - Place  | 140 - Points |
| 5 <sup>th</sup> - Place  | 120 - Points |
| 6 <sup>th</sup> - Place  | 100 - Points |
| 7 <sup>th</sup> - Place  | 80 - Points  |
| 8 <sup>th</sup> - Place  | 60 - Points  |
| 9 <sup>th</sup> - Place  | 40 - Points  |
| 10 <sup>th</sup> - Place | 20 - Points  |

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