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M-F 6pm - 10pm  
Sat 12 Noon - 10pm



Welcome to the 2009 "Damaged Goods" Tour. Thank you to all who helped to make the 2008 season so successful!!

### WHAT'S NEW FOR 2009:

Lake County Fair moves to Midlothian Dr & Petersen Rd for 2009. Lake Co. It's bigger and better than the last original. Come check out the new location with a bigger arena, bigger grandstands, & brand new facilities!

WE'RE BACK IN WISCONSIN! Kenosha County Fair has invited us to their racetrack during the fair on August 23<sup>rd</sup> for some demolition action, Darkhorse style! Check the schedule at the bottom of this page for more information!

***BEGINNING IN 2010, DARKHORSE RACING'S MAILING LIST WILL E-MAIL ONLY! BE SURE WE HAVE YOUR E-MAIL ADDRESS AT THE TIME OF REGISTRATION SO YOU DON'T MISS OUT!***

Each county fair show (Lake, McHenry, and Kenosha) will have a beauty contest. This will take place on the track in front of the grand stands just after the National Anthem, before the first heats. All classes are welcome. Judging is done by crowd response, so break out the paint brushes. Theme paint jobs, cartoon characters, stuffed animals, patriot theme, sports team theme – anything PG rated. The winner will get a small trophy & \$30. Paint it up good, cause it's bad enough to get wrecked in front of 4000 screaming demo fans, but it's even worse to get taken out by the Sponge Bob car....

Everyone's bored of figure 8 races. Leave it to us to figure out how to twist up the compact heat races! Each mini car show will have heat races made up of ONE of the following two options: 1) Toll Booth race – heats of 4-5 cars making 5 laps. Each lap, each driver must "pay at toll" (we supply the toll) at the start/finish line. You may only put one toll per lap into the toll booth. HERE'S THE TRICKY PART – you may not put your arm outside the window. You must toss your toll into the booth as you go by. He how has made the most laps AND has the most tolls paid wins **OR** 2 ) SUICIDE RACE - 4 cars line up, two facing forward, two facing the other way. When the green flag falls, it's 5 laps of head-on racing action. He who crosses the finish line first with the most laps completed, wins (it's not as easy as it seems!) We will choose which format on the day of the race. Minis must compete in the heats to compete in the Mini feature.

**"OUT OF YOUR GOURD MELON MASH AWARD"**. During each fair's consolation round, a watermelon will be placed at the center of the track. Cars will be lined up at the far ends of the track, facing the melon. When the green flag falls (and not one second before), be the first one to mash the melon, and you're headed straight to the feature, no further battle required!

**ATTENTION!!** Read over the rules carefully as we have made some significant changes (hey, you asked for it). All that we ask is that you keep it safe, fair, & rated - "PG", as this is a family show. If you have any questions, feel free to call us M-F 6pm – 10 pm or Sat 1pm to 9 pm. (847) 707-4188, or e-mail us at [darkhorseracingevents@hotmail.com](mailto:darkhorseracingevents@hotmail.com)

Super Modifieds are only featured at the Rockford Speedway derbies, and will be mandatory pre-registration only. Pre-registration is \$100 and will be accepted until exactly 1 week before the derby. **100% PAYBACK: 50% to 1<sup>st</sup>, 30% to 2<sup>nd</sup>, 20% to 3<sup>rd</sup>.**

**ALL ROCKFORD SPEEDWAY DERBIES ARE MANDATORY PRE-REGISTRATION, ALL CLASSES. SUPER MOD IS \$100 PRE-REGISTRATION, FAIR CLASS IS \$30 PRE-REGISTRATION. Pre-registration will be accepted until exactly 1 week before the derby. Mail registration form and entry fee (check/money order-no cash) to Darkhorse Racing Inc, 424 Meadowhill Ln Round Lake Beach, IL 60073**

Fair Class has been opened up to include any 105" wheelbase car 1970 or newer, with the exclusion of Imperials and Suicide door Lincolns. See Fair Class section for details. **FEATURE PAYOUT HAS BEEN INCREASED TO \$1000 – 1<sup>ST</sup>, \$400 – 2<sup>ND</sup>, \$300-3<sup>RD</sup>, \$200-4<sup>TH</sup>, \$100-5<sup>TH</sup>.** Heat race payout remains the same.

All cars in competition must have a title or notarized bill of sale. No exceptions. In the past, we would hold your driver's license at the pit gate as security that you will not leave your car after the derby. Not anymore. Half of you never pick up the license or the car! Title or notarized bill of sale only. All cars must be removed from the fairgrounds/racetrack 1 hour after the final derby of the day. After that, anything left in the pits becomes property of Darkhorse Racing, Inc. We will be happy to junk your unwanted demo car for you as long as you have the appropriate paper work.

. Still need your derby fix? Visit [www.darkhosedemoderby.com](http://www.darkhosedemoderby.com) and [www.wecrash.com](http://www.wecrash.com) for everything demo derby. You have GOT to check these sites out! The message board alone is full of great information, pics, & videos, parts, & whole cars for sale.

Our points program will continue for 2009. He who accumulates the most points at the close of the 2009 season will receive **A 4 NIGHT STAY FOR UP TO 4 PEOPLE AT ANY LA QUINTA INN LOCATION!**  
Thank you for your loyalty. Point values are

**Register your car:** 5 pts  
**Heat Race Top 3:** 10 pts  
**Smokin' Pumpkin:** 25 pts

**Feature Top 5:** 60 pts - 3<sup>rd</sup> place  
**100 pts - 1<sup>st</sup> place** 40 pts - 4<sup>th</sup> place  
**80 pts - 2<sup>nd</sup> place** 20 pts - 5<sup>th</sup> place

### 2008 Schedule of Events

### Payouts:

<p><u>Rockford Speedway</u></p> <p><b>May 2nd 2009 @ 3pm</b> <b>Metalwars V</b> * Fair Class * Super Modifieds <b>Oct. 25<sup>th</sup>, 2009 @ 8am</b> <b>Painkiller Classic</b> * Fair Class * Super Modifieds</p> <p><b>Note: Rockford Speedway will have this season's only Super Mod shows. All classes mandatory pre-registration, - must be received no later than 1 week before derby.</b></p>	<p><u>Lake County Fair</u></p> <p><b>August 2<sup>nd</sup>, 2009 @ 12 noon</b></p> <p>* Nostalgia Class * Fair Class * Mini Cars</p> <p><b>Registration fees:</b> \$30 - All classes \$25 - riders / pit passes</p>	<p><u>Mc Henry County Fair</u></p> <p><b>August 9<sup>th</sup>, 2009 @ 3pm</b></p> <p>* Nostalgia Class * Fair Class * U.A.V.s * Mini Cars</p> <p><b>Registration fees:</b> \$30 - All classes \$25 - riders / pit passes</p>	<p><u>Kenosha County Fair</u></p> <p><b>August 23<sup>rd</sup>, 2009</b> <b>1pm &amp; 4pm heats</b></p> <p>* Fair Class * U.A.V.s * Mini Cars</p> <p><b>NEW FAIR FOR 2009!</b></p>	<p><b>Nostalgia Class:</b> 1980 AND NEWER FRONT WHEEL DRIVE 105" OR LARGER WHEELBASED CARS WILL COMPETE IN THEIR OWN HEAT RACE. ANY 1980 &amp; NEWER FRONT WHEEL DRIVE 105" OR LARGER WHEELBASED CAR THAT WINS THE NOSTALGIA CLASS FEATURE WILL BE PAID A \$200 BONUS ON TOP OF THE POSTED PURSE!!</p> <p>Derby-style Heat Race Top 3: \$30 - Super Mod, Fair, and Nostalgia Classes</p> <p>Super Modified Feature Top 3 - 50% of registrations to 1<sup>st</sup>, 30% to 2<sup>nd</sup>, 20% to 3<sup>rd</sup>.</p> <p>Fair Class Feature Top 5 <b>PAYOUT HAS BEEN INCREASED!</b> 1<sup>st</sup>-\$1000, \$400 - 2<sup>ND</sup>, \$300-3<sup>RD</sup>, \$200-4<sup>TH</sup>, \$100-5<sup>TH</sup></p> <p>Nostalgia Class Feature Top 5 1<sup>st</sup> - \$300, 2nd - \$200, 3<sup>rd</sup> - \$100, 4<sup>th</sup> - \$50, 5<sup>th</sup> - \$25</p> <p>U.A.V &amp; Mini Class Feature Winner Minimum Payout \$300 to 1<sup>st</sup> place. <b>Payout may increase depending on # of entries per class.</b></p>
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### GENERAL BUILD RULES

#### Engine, Transmission, Axles, & Wheels

- You may cut a hole in the firewall to accommodate the engine within reason.
- You must have an air cleaner over the carburetor at all times during the event.
- No starting fluid will be allowed.
- There must be 12X12 inch opening cut in hood in case of a fire
- If you are swapping engines: on V-block motors, the #1 spark plug must be in line with or in front of the upper ball joint. On inline motors, the #2 spark plug must be in line with or in front of the upper ball joint. CHECK YOUR CLASS'S RULES FOR SWAPPING ENGINES.
- Any exhaust header may be used, & may exit hood as long as it points away from driver compartment.
- Home made transmission cross members, shifters & shifter linkage, & transmission mounts are okay, but must not strengthen frame.
- Electric fans are allowed.
- Welded or spooled rear ends allowed.
- No welded rims

#### Fuel Systems & Fire

- All vehicles must run on gasoline or diesel. No alcohol.
- Electric fuel pumps allowed but must have shut off switch in reach of driver.
- All fuel lines & fittings must be leak proof.
- Stock fuel tank MUST be removed & mounted in the rear seat area of vehicle (in front of rear wheels on wagons), or use a fuel cell (metal or plastic marine boat tank may be used. Fuel cells & tanks must contain no more than 6.5 gallons of fuel. Fuel cell must be solidly mounted with metal strapping or seat belts (no bungee cords, chain, or rope). DO NOT WELD FUEL TANK TO FLOOR (yes, I've see someone try it...) NO GAS CANS ARE TO BE USED AS A FUEL CELL!
- Rubber fuel lines must be sleeved with a puncture resistant material (plastic or metal) or secured away from doors & hood, if running inside car. Hi-pressure rubber lines with compression fittings also allowed.
- TWO FIRES UNDER THE HOOD, OR ONE IN THE DRIVER'S COMPARTMENT, IN ONE RACE (HEAT=1 RACE, FEATURE=1 RACE) means DISQUALIFICATION. You may return in the consolation if you can get it fixed and approved by DhR officials.
- Any vehicle suffering a fire will be subject to re-inspection. **Yes, we know the difference between an exhaust fire & a genuine accidental blaze.**

#### Suspension & Steering

- Leaf springs must be of stock-type material & must taper largest to smallest (each leaf 4" smaller than the next largest - 2" per side), with only one main leaf. Leaf springs must be made of spring material, no sheet metal or flat stock. No welding of leaves. Max 7 leaves per side (9 in Super Mod).
- Leaf spring clamps may be replaced if defective. Home made spring clamps are allowed, but must not exceed 3 clamps in front of & 3 clamps behind axle per side. Home made spring clamps must not use material thicker than 1/8", no wider than 1", & use bolts no wider than 3/8" o.d.

#### Interior

- Remove all carpet & plastic trim, including padding under carpet & headliner. Removal of anything that can burn (not including seats & seat belts) is highly recommended. Removal of dashboards is optional
- Padding of driver door/ driver's door safety bar is recommended.
- All drivers' compartments must be swept clean of any trash, broken glass or anything that could be a projectile during competition

#### Cooling System

- Engine & radiator must be flushed free of anti-freeze. Water only! Please flush coolant before arriving to the track.
- Electric fans are allowed.
- Any automotive radiator may be used, but must be mounted in stock position.
- If you choose to compete without a radiator mechanical fan must be removed. No reserve tanks are allowed. Driver must compete with the water that is in the engine block only, or run dry block.
- Heater cores may remain, but removal is strongly recommended. No excessive radiator or heater hose lengths for additional coolant allowed

**Rules of Competition Apply for Every & All Classes**

- Nostalgia Class, Fair class, & Mini Cars may carry one passenger; U.A.V.s & Super Modifieds may not carry passengers.
- All drivers & passengers must be 16 years old or older & possess a valid driver's license. Ages 16-17 must have a notarized permission slip & some form of driver's license. NO ONE UNDER THE AGE OF 16 WILL BE ALLOWED IN THE PITS FOR ANY REASON. PERIOD. NO EXCEPTIONS
- No one allowed in the pits or on the track without a pit pass.
- No drugs or alcohol are allowed in the pits. Any driver or crew member caught using or possessing drugs or alcohol will be barred from competition for 1 year, forfeit any prize money, & lose their entry fee.
- All vehicles must pass tech inspection before being allowed to compete.
- Any driver qualified for the feature event whose vehicle is junk may run a different vehicle of the same or lesser class in the feature, as long as the vehicle he selects has been run in competition on the same day at the same event.
- *Mini Car & U.A.V. heats are run in a race format, not derby. All Minis & U.A.V.s must run in a heat to compete in their features (derby). All Mini cars & U.A.Vs that have run in heat are qualified to run their features. Check the schedule for show's format.*
- No profanity is to be displayed on a vehicle. This is a family show. Keep it clean.
- **Numbers must be displayed vertically on the roof minimum 12x12 height/width.** They must be VERY easily read by the officials. Make them easy to see. You will be allowed to choose your number at the time of registration.
- **Attacking a driver (or passenger door if the car carries a passenger) is strictly prohibited! Consider this the only warning you'll get!**
- Driver/rider must wear seat belt & helmet, along with eye protection at all times when operating vehicle.
- ALL drivers & crewmembers must attend the drivers meeting
- Inspection & registration closes ½ hr before driver's meeting. NO EXCEPTIONS.
- Once car has passed tech, line it up in its heat race formation. Any controversies will be taken up immediately following the drivers meeting.
- You have 1 minute between aggressive hits. If you fail to make aggressive contact in 1 minute, you are out. Rocking back & forth, driving around, or revving the motor doesn't count. No hide & seek. No "playing opossum." Hitting cars no longer in competition will not get you off the clock. Getting hit doesn't get you off the clock. You must deliver the hit, not receive it.
- Cars are subject to re-inspection before any prize money is handed out. There is a \$100 protest fee & you must be a driver in order to protest. Drivers making a protest must have cash in hand directly after feature event in order to protest. See any Darkhorse Racing official to submit your protest. Judges decisions are FINAL!!!
- Any questions give us a call! If it doesn't say you can do it, don't do it. Call 1st!!
- Flags: Red Flag – stop the race. (Fire, injury, official on track, driver out of car, or another dangerous situation.  
Black Flag – disqualification. Green Flag – GO! Checkered Flag – Winner has been declared.
- If car does not pass inspection &/or driver is unwilling to change car to pass inspection, car will not run. Absolutely no refunds!!
- All rules will be followed, or you will not run!!
- No reinforcements allowed other than specified below. Any metal added to reinforce the car is illegal! **ABSOLUTELY NO WELDING ON FRAMES OR BODY UNLESS SPECIFIED!!**
- No hot-rodding in the pits; keep it at an idle.
- If any door comes open you are disqualified. If in heat, you may fix it & come back in the consolation.

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**NOSTALGIA CLASS:** any sedan/ station wagon (1980 or newer, 105" wheel base or larger) stone stock build

**Rules for this class are in conjunction with & in addition to the General Build Rules.**

**Body & Frame**

- *If it's not listed below, DON'T DO IT!*
- Body mounts must remain strictly stock. Don't repair or replace them if they are damaged or rusted. If they're a safety issue, pick another car to run.
- Hoods & trunks may be secured with either / or 4 pieces of chain or #9 wire (max 3ft length). Chain or wire may go through sheet metal only, not around frame.
- A 5" max outer diameter washer may be welded onto panels for chain / wire to go through so sheet metal doesn't tear.
- Doors must be secured by welding, or chain, or wire. There is no limit to the amount of wire or chain used to secure doors. Chain / wire must go from door to nearest body panel, not to roof or some part on the other side of the car. Use only one method of securing doors.
- A seat bar (max 5" outer diameter) is recommended, but not mandatory. It may be positioned no more than 18" behind the driver's seat. Complete cages are allowed & recommended. An optional pipe may also be put in the front where the dashboard was located, in between the front door posts. A 6" by 6" plate at the end of the pipe may be welded to the interior of the car behind the seat & the bars must be welded to these plates. You may connect the bar behind the seat & the dash bar with a bar on both the drivers & passenger side to make a 4 point box style cage. VERTICAL DOWN TUBES MAY BE ADDED, **MAXIMUM OF 4** (to floor sheet metal only). NO CAGE MATERIALS MAY BE CONNECTED TO THE FRAME. NO FORM OF KICKER ALLOWED.
- NO HALO BARS.
- Frames may NOT be shortened
- Minimal pre-bending of body/frame is allowed, must have access to inspect. TUCKING TRUNKS IS ALLOWED.
- **NO REPAIRING OF DAMAGED FRAMES**
- Bumers may be lightly welded. Tubes may NOT be fully collapsed; some tube must be visible – do not weld your bumper to the frame. Only 80's bumpers maybe used.

**Engine, Transmission, & Rear Differential**

- Engines may be swapped, however, they must match manufacturer of vehicle (GM in a GM, Ford in a Ford, & Mopar in a Mopar). Engines must be completely stock & will be started & inspected by DhR crew.
- If you have swapped engines, on V-block motors, the #1 spark plug must be in line with or in front of the upper ball joint. On inline motors, the #2 spark plug must be in line with or in front of the upper ball joint.
- No transmission coolers, oil coolers, home made motor mounts or transmission mounts.
- Stock drive shafts only. No modifications allowed.
- Rear differentials must be stock to the vehicle you are running. No 5:13 gears in an 82 Fleetwood. No 9" Fords in an 88 Caprice.

**Wheels, Tires, Steering & Suspension**

- All steering & suspension parts must be stock for the vehicle used. No 76 Impala control arms on an 84 Crown Vic. No welding or reinforcing existing parts. If it's broken, replace it. If suspension is worn & sagging, screw-in coil spring spacers are the only method allowed to raise suspension.
- Both ends of vehicle must have working suspension (must move freely, factory amount of travel). No stiff, locked, or reinforced suspension.
- Stock steering shafts only. No modifications allowed.
- Tires must not exceed 16" wheel diameter & must be a stock passenger tire, snow tire, or a Mud Terrain SUV tire. No paddle, fork lift, or retread tires.
- No welded rims.
- Solid, &/or doubled tires are NOT allowed. Water filled & / or tubed tires are okay.

**Electrical**

- Only one automotive type battery may be used. It may be relocated to passenger seat floorboards or rear seat area, but must be mounted securely & covered by a non-flammable material.

**NOTE:1980 AND NEWER FRONT WHEEL DRIVE 105" OR LARGER WHEELBASED CARS WILL COMPETE IN THEIR OWN HEAT RACE. ANY 1980 AND NEWER FRONT WHEEL DRIVE 105" OR LARGER WHEELBASED CAR THAT WINS THE NOSTALGIA CLASS FEATURE WILL BE PAID A \$200 BONUS ON TOP OF THE POSTED PURSE!!** Grab that Taurus, Gran Prix, Lumina, Deville, STS, LHS, or LaSabre and get bent!

## Fair Class & Mini Cars

**Fair Class cars:** any sedan or station wagon (No Convertibles) ('70 – current, full sized cars, 105” wheelbase or larger. No hearses, limos, commercial vehicles. NO IMPERIALS. **IF YOUR CAR WAS BUILT TO SUPER MOD RULES YOU MUST RUN IN SUPER MOD CLASS OR ALTER THE VEHICLE TO FIT IN FAIR CLASS RULES – NO EXCEPTIONS!**

**Mini Cars:** any 4 or 6 cyl car 105” wheelbase or smaller. (No Convertibles)

### Rear Differential

- Any automobile axle may be used in any car. No truck or “floater type rear ends. Do not convert a coil spring rear end to leaf springs or vice versa.

### Body & Frame

- The only welding allowed is the bumpers shocks & brackets, cage, stock motor mounts, & doors.
- No body seam welding allowed inside or out, unless specified.
- You may cut frames for minimal pre-bending, but may not weld the cut.
- All body mounts (rubber biscuit & metal cone “Pucks”, must be stock & in place. If you remove stock body mounts, you must replace them with steel washers but must be max 1 ½” thick & have the same diameter as factory biscuits.
- All body bolts must be max ½” O.D or smaller. Body bolts MAY extend below frame. **Washers (not pucks) for body mounts must not exceed 6” diameter and ¼” thickness, two per bolt.**
- You may use 4 (four) hood bolts ½” **MAXIMUM, & 2 (TWO) PIECES OF ¾” MAX THREADED ROD** to hold the hood down. Must be sheet metal to sheet metal only, with the exception of the front two bolts may go through the frame & radiator core support. **Washers for threaded rod must not exceed 6” diameter and ¼” thickness, 2 per nut.**
- You may use 4 (four) ½” inch bolts **& 2 (TWO) ¾” MAX THREADED ROD** to secure the trunk lid. Must be sheet metal to sheet metal only, with the exception of the two RODS may go through the frame. **Washers for threaded rod must not exceed 6” diameter and ¼” thickness, 2 per nut**
- Station wagons may use (six) ½” bolts total to hold the tailgate. **NO THREADED ROD GOING FROM SIDE TO SIDE OR FROM ROOF TO FLOOR IN STATION WAGON TAILGATES!**
- Only **FOUR** 3/8” bolts or self tapping screws with 1” washers per cutout hole (trunk/hood), or wheel well.
- No chain or threaded rod may be welded at any point to the frame or body.
- If you don’t secure using bolts you may chain or wire the hood or trunk in 4 places with chain no longer than 24” inches. Don’t not wrap around the frame. Sheet metal to sheet metal only.
- You may weld a 5” washer to the hood or trunk to run the chain or wire thru.
- Lower radiator support body mount bushings may be removed & replaced with Max. 3/4” bolt through your hood (counts as hood bolts). **BUT MUST** go up
- No bumper chrome may be welded to the body.
- Distributor protectors allowed, but must not act as a brace against fire wall.
- You may run 1 chain **3/8 MAX.** or 4 loops of #9 wire from frame rail to frame rail behind rear axle.
- You may chain or wire your axle to the frame, to prevent loss of leaf or coil springs. You may use 3/8 inch chain or 4 loops of #9 wire (do not weld or add metal), & must be looped around frame & axle. On uni-body cars you may use one bolt through frame (no excessive washers).
- ALL doors may be welded solid. You may **NOT** smash the inner & outer door skin together & weld **OR BOLT.**
- If you do not weld your doors you must chain or use #9 wire, at least twice per seam. You may not bolt or seat belt your doors shut. If chaining or wiring, none may go thru or around the frame.
- No added weight to the car except the weld. No buffing, grinding, or packing the frames, trunks, doors, or under floor. **ABSOLUTELY NO SEAM WELDING OTHER THAN OUTER DOOR SKINS.**
- Skid plates are allowed, must be separate oil/transmission plates. No full-length skid plates, No bolting or welding to frame.
- Bumpers may be welded onto frame. Do not add additional material to assembly. Weld stock pieces to stock pieces only.
- If you choose not to weld your bumpers on, bumpers may be chained to frame. Bumper chain must not contact core support or hood. Maximum of 10 feet of chain per bumper, recommended (2)-5 foot sections.
- Bumpers must be stock factory style bumpers. No tube bumpers or truck bumpers. No wooden bumpers. You may weld bumper chrome to backing, using no additional material. Bumper ends must not be welded & able to be separated upon request for inspection

### Body & Frame Continued:

- A pipe or bar (max 5” O.D.) behind the seat is mandatory (bar may only be positioned max 18” behind the back of the seat). An optional pipe may also be put in the front where the dashboard was located, in between the front door posts. A 6” by 6” plate at the end of the pipe may be welded to the interior of the car behind the seat & the bars must be welded to these plates. You may connect the bar behind the seat & the dash bar with a bar on both the drivers & passenger side to make a 4 point box style cage. If you want to put a roll loop in that is fine but may not be attached to the frame (connect it to the bar behind your seat). **VERTICAL DOWN TUBES MAY BE ADDED, MAXIMUM OF 4** (to floor sheet metal only). **NO CAGE MATERIALS MAY BE CONNECTED TO THE FRAME. NO FORM OF KICKER ALLOWED.**
- Halo bars and rear window bars may not attach to car any farther back than the rear speaker shelf of vehicle (not on trunk lid).
- Sub-frame cars may connect front & rear sub-frames under floor of car. Sub-frame connectors may not be tied to cage or enter into interior of car. Sub-frame connectors may be bolted OR welded in place. ½” max. on bolts. Sub-frame connectors may not extend farther forward than 6” into the front sub-frame and no farther rearward than 6” into the rear sub-frame, and may not be connected to or reinforce front or rear arches. **NO EXCEPTIONS.**
- Frames may not be shortened
- You may re-stub front frame sections. The only acceptable way to do this is to cut off the frame under the driver’s seat, before transmission cross member and behind crush box/front frame arch, and weld on a new frame section. You may weld the cut and then weld a strap 1/8” thick, 1” wide over the cut. No additional reinforcements of the frame allowed.
- You may add a strap 4” wide, ¼” thick, 12” long to the rear frame arches of any non-leafed car 1980 and newer. Strap is to be welded to the **SIDE** of the rear frame arch only (don’t fold it over the top or bottom – no wrap arounds) and may not be welded to any other metal besides the frame. We don’t want you to weld the body down to the frame!

### Engine, Transmission, Suspension, Axles, & Wheels

- Any engine can be used in any car. However, on V-block motors, the #1 spark plug must be in line with or in front of the upper ball joint. On inline motors, the #2 spark plug must be in line with or in front of the upper ball joint.
- Stock motor mounts may be welded; transmission & motors may be chained, only secure motor chains to an existing bolt, do not weld or add plates to attach it to the frame. You may chain OR weld your motor mounts to frame (not both).
- You may tilt rear end by shortening or lengthening STOCK rear control arms, however they must still be working. No excessive reinforcement. Rear upper and lower control arms may be boxed (not solid).
- Suspension must be O.E.M. (original equipment), & automotive grade. (No pulling shocks & putting pipes in their place). Coil spring cars may not be changed to leaf spring cars.**
- 7 stack of rear leafs max. (For more info see general build rules).
- No putting leaf springs on top of the axle.
- Any tire may be used, but must not exceed 16.5 “ wheel diameter.
- No welded rims. Valve stem protectors okay.
- Solid, water filled, tubed tires, & doubled tires are allowed

### Transmissions & Coolers

- Transmission coolers will be allowed BUT MUST HAVE A SPLASH SHIELD TO PROTECT DRIVER.
- Metal or steel braided line must be used. Rubber lines must be double clamped & **SLEEVED WITH HEATER HOSE OR SIMILAR MATERIAL.** No fuel or low pressure line may be used.
- Any transmission cooler that has been relocated to the inside of the car must be enclosed or covered.
- Overall safety will be determined by officials at time of inspection

## Super Modifieds & U.A.Vs

**U.A.Vs (Urban Assault Vehicles):** compact & full-sized SUVs, minivans, full sized vans, compact & full sized pick ups, up to 1 ton,  
2 wheel or 4 wheel drive.

**Super Modified Class:** full or mid-size automobiles with a wheel base of 105" or greater. Any 2-door, 4-door, or station wagon may be used. No jeeps, commercial vehicles, trucks, SUVs, compact cars, limousines, or hearses are allowed. Yes, suicide-door Lincolns are legal. NO 1968 OR OLDER CHRYSLER IMPERIALS!

### Engine, Transmission, Axles, & Wheels

- Any engine can be used in any car. However, on V-block motors, the #1 spark plug must be in line with or in front of the upper ball joint. On inline motors, the #2 spark plug must be in line with or in front of the upper ball joint.
- Any drive shaft & u-joint can be used. Telescoping drive shafts are okay.
- Engine oil & transmission oil coolers are allowed, but must be mounted either in engine bay or rear seat area of driver's compartment. If coolers are located in driver's compartment, they must have a splash shield. Electric fans are allowed.
- Welded or spooled rear ends allowed. Any gear ratio is acceptable.
- Any automobile axle may be used in any car. No truck or "floatier type rear ends. Do not convert a coil spring rear end to leaf springs or vice versa.
- Any tire may be used, but must not exceed 16.5 " wheel diameter.
- No welded rims.
- Solid, water filled, tubed tires, & doubled tires are allowed.

### Suspension & Steering

- Any springs can be used in any car. Home-made spring shackles are allowed, but **must not be welded to the frame (bolted, only)** & must be made of stock-type material. Springs must be mounted with stock-type equipment & in stock location.
- Old iron ('76 & older GM rear wheel drive, '78 & older GM front wheel drive & mid-sized rear wheel drive, '78 & older Ford & Chrysler) may not convert a leaf spring car to coil springs or vice versa. Any car newer than those previously mentioned & originally equipped coil spring rear ends may convert them to leaf spring rear suspension.
- Leaf spring clamps may be replaced if defective. Home made spring clamps are allowed, but must not exceed 3 clamps in front of & 3 clamps behind axle per side. Home made spring clamps must not use material thicker than 1/8", no wider than 1", & use bolts no wider than 3/8" o.d.
- Any steering shaft may be used in any car. Home made steering shafts are okay.
- Welded tie rod ends, home made trailing arms, & boxed trailing arms are okay.
- Stiff/locked suspension IS allowed.

### Electrical System

- TWO automotive batteries may be used & must be VERY SECURELY mounted & covered in passenger floorboards (plastic milk crates, battery boxes, wood crates work well. Metal doesn't.)

### Transmissions & Coolers

- Transmission coolers will be allowed BUT MUST HAVE A SPLASH SHIELD TO PROTECT DRIVER.
- Metal or steel braided line must be used. Rubber lines must be double clamped & **SLEEVED WITH HEATER HOSE OR SIMILAR MATERIAL**. No fuel or low pressure line may be used.
- Any transmission cooler that has been relocated to the inside of the car must be enclosed or covered.
- 4- Overall safety will be determined by officials at time of inspection

### Rear Differentials

- Any automobile axle may be used in any car. No truck or "floatier type rear ends. Do not convert a coil spring rear end to leaf springs or vice versa.

### Body & Frame

- **NO KICKERS OF ANY KIND. IF YOU RAN THEM LAST YEAR, CUT THEM OUT. NO EXCEPTIONS.**
- SEDAGONS ARE ALLOWED (METRIC BODY CARS ONLY – new iron)! Roofs may not be smashed down farther than the lower window line. Do not smash lower window line down –leave it at factory height. Sedagons must have an inspection hole 12"x 12" cut in roof for inspection.
- Frames or sub-frames & bodies must match (make, model & year must agree). In other words, no 72 Chrysler Imperial sub- frames under a 67 Newport. No 77 Caddy bodies on 76 Chevy frames.
- No filling frame with material to strengthen it. Frames must remain factory stock. No exceptions. Anyone caught with altered frame will be barred from competition for 1 year, forfeit any prize money, & lose their entry fee.
- **You may fix a broken factory weld or PATCH a pinched REAR frame arch, but patches must not use any material thicker than factory stock or excessive weld. Frame patches may overlap original frame ¼ inch on any side of patch. Also, patches must have a ½ inch hole drilled in it for inspection. Broken frame seam welds may be re welded no stronger than stock, using no additional material. Front frame seams MAY be welded from the firewall to the engine side of the radiator core support (do not weld the core support to the frame!) on the TOP of the frame only, using no additional material. Only one bead of weld allowed. DO NOT PLATE OR FILL YOUR FRAME SEAMS. NO EXCEPTIONS!**
- You may stub a frame, but new frame stub must be installed under driver's compartment behind frame arch. You may attach stub using 1" strap welded to frame, no thicker than 1/8", & have a maximum frame overlap of ¼". Officials will inspect the frame!
- Cutting a hole in firewall for distributor access is allowed. Distributor protectors are allowed but must not keep engine / front end from bending.
- Fenders, quarter panels, wheel wells, & bumper ends may be trimmed for wheel clearance. Fenders, quarter panels, & wheel wells may be screwed or bolted back together if trimmed, using a maximum of 4 screws. Screws/bolts must not exceed 5/16" outer diameter, & must not protrude away from body more than 1/4".
- Bumpers may be welded onto frame. Do not add additional material to assembly. Weld stock pieces to stock pieces only.
- If you choose not to weld your bumpers on, bumpers may be chained to frame. Bumper chain must not contact core support or hood. Maximum of 10 feet of chain per bumper, recommended (2)-5 foot sections.
- Bumpers must be stock factory style bumpers. No tube bumpers or truck bumpers. No wooden bumpers. You may weld bumper chrome to backing, using no additional material. Bumper ends must not be welded & able to be separated upon request for inspection.
- Two holes at least 6" each in diameter must be cut in hood on either side of carburetor for fire extinguisher access. Hood inner & outer sections may be screwed or bolted back together using screws/bolts no more than 5/16" o.d. & no longer than 1". Max 8 bolts/screws per hole.

## Super Modifieds & U.A.Vs Continued


### Body & Frame Continued:

- Trunks or tailgates must be secured by either 8 bolts (max. 1" in diameter) with washers (6" outer diameter max) & 2 lengths of max. 1" threaded rod with no more than 6 washers (max. 6" diameter x 1/4" thick) per rod, OR by 8 lengths of chain, cable, or #9 wire. Trunks & tailgates may be welded shut. Use the 4 inch rule: 4 inches of weld then 4 inch gap, then 4 inches of weld.... Use only one method of securing trunk or tailgate. NO mix & match.
- Hoods must be secured by either 2 lengths of max. 1" threaded rod with no more than 6 washers (max. 6" diameter max 1/4" thick) per rod & 8 bolts (max. 1" in diameter) with washers (6" outer diameter max), OR by 8 lengths of chain, cable, or #9 wire. NO mix & match. If you use chain, wire or cable, no bolts. If you use bolts, no wire, cable, or chain. NO WELDING of hood allowed.
- Doors may be welded, chained, or wired shut. No cable, rope, or seat belts may be used.
- Threaded rod used to secure hoods & trunks/tailgates do not have to go through body mounts. Additional holes may be cut for threaded rod.
- Door bars either inside or outside are encouraged & may be bolted using as many 1/2" diameter bolts with 2" outer diameter washers as necessary or by welding.
- External door bars must be mounted no more than 6" in front of front door seam back to the rear axle centerline. External door bars must not protrude away from body of car more than 2" & have no sharp edges (no can openers).
- All glass (windshield optional) chrome, lights, reflectors, & plastic must be removed from exterior of vehicle before arriving at track. This includes door h&les, antennas, grille, headlights, license plates & screws, taillights, turn signals, hood ornaments, & anything else that could fly off during the event.
- Sponsor's signs may be welded or VERY SECURELY BOLTED (we will check them!) to the roofs of the vehicles.
- A chain or bar must be attached from firewall (not hood) to roof, preventing hood from entering driver's compartment if windshield is removed.
- Roll cages or safety cages are required. Cages may extend forward to the edge of the windshield, but may not be attached to front frame arches or firewall. Cages may also extend rearward a maximum of 18" behind the driver's seat. No extensions or down bars are allowed to be attached to front or rear frame arches. Any down bars are to be welded to the flat part of the frame only. No exceptions. A BOX-TYPE CAGE IS THE MINIMUM REQUIREMENT!
- Body biscuits may be removed. Four (4) total additional body mounts may be added in the location of your choice. Original body mounts may be replaced with up to 1" all thread & can have max. two 6" outer diameter washers. **Body bolts may not exceed 1" max diameter & may not be used as addition threaded rod from frame to top of roof, trunk or hood.**
- On sedans & wagons, all carpeting & rear seat(s) must be removed, both top & bottom sections. Wagons must have all rear decking removed & be empty to the floorboards.

### Urban Assault Vehicle Rules & Regulations

The UAV Class follows the Super Modified rules with the following exceptions:

- **NO PASSENGERS ALLOWED!**
- Fuel tank should be relocated to the bed of the truck against the front of the box.
- A box-type cage must be built inside the cab of the UAV for driver's safety (4" diameter max. pipe size). Cage should be connected to the frame of the truck forward of driver (no farther forward than the accelerator pedal). Cage must not extend more than 18" past the back of the driver's seat. Any UAV with an inadequate cage will not be allowed to compete. Padding is highly recommended on this cage. All cages must have 2 "squeeze bars" welded from left side of cage to right side of cage behind the driver's seat (1 bar 1 foot above the floor & the second 6-8 inches above that).
- Truck frames may be reinforced from rear of A-arms to center of rear axel for drivers' protection.
- Tires are to be no larger than 16.5". No split rims allowed.
- All trailer hitches must be completely removed.
- Doors may be welded, chained, or wired.
- You may add 4 additional bolts (max 1" diameter w/ 6" washer) from cargo box to frame.
- All Minivans & vans competing in UAV class must have driver's door, front fender, & driver's 1/2 of hood painted neon orange. This is a no contact zone for driver's safety. Hitting a van or minivan in this area is grounds for immediate disqualification.
- Sedurbans (suburban or other SUV-based sedagons) ARE ALLOWED! Roofs may not be smashed down farther than the lower window line. Do not smash lower window line down –leave it at factory height. Sedurbans must have an inspection hole 12"x 12" cut in roof for inspection.

 <b>DARKHORSE RACING</b>	<p><b>Fair Class cars: MEDIUM BUILD</b> - : any sedan or station wagon ('70 – current, full sized cars, 105" wheelbase or larger. No hearses, limos, commercial vehicles. NO IMPERIALS</p> <p><b>Nostalgia Class cars: STOCK BUILD</b> any sedan or station wagon ('77 &amp; newer full sized, rear wheel drive GMs; '78 &amp; newer mid-sized rear wheel drive GMs; '79 &amp; newer front wheel drive GMs; '80 &amp; newer Ford products &amp; '79 &amp; newer Chrysler products).</p> <p><b>Urban Assault Vehicles (UAVs):</b> any pick up truck, mini van, van, or SUV up to 1 ton GVWR (4x4 okay)</p> <p><b>Super Modified Cars:</b> any make, model, or year car (no 1968 or older Imperials, hearses, limos, commercial chassis vehicles, trucks, vans, SUVs, or mini cars)</p> <p><b>Mini Cars:</b> any 4 or 6 cyl car 105" wheelbase or smaller.</p>
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Visit us at [www.darkhosedemoderby.com](http://www.darkhosedemoderby.com) or Call (847) 707-4188. Technical questions?

E-mail: [darkhorseracingevents@hotmail.com](mailto:darkhorseracingevents@hotmail.com)

**ALL INFORMATION BELOW MUST BE COMPLETED AT THE TIME OF REGISTRATION OR YOU WILL NOT BE ALLOWED TO COMPETE. PLEASE PRINT LEDGIBLY!**

Pre-registration for Super Mods must be **received** no later than 1 week prior to the derby. Please mail this form, along with a check, money order, or cashier's check (no cash) for **\$100** to:

Darkhorse Racing, Inc  
424 Meadowhill Ln  
Round Lake Beach, IL 60073

**REGISTRATION FORM**

Driver's Full Name (print) \_\_\_\_\_

Driver's Social Security # \_\_\_\_\_ . (MANDATORY)

Driver's Street Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Driver's Home Ph # \_\_\_\_\_ Cell # \_\_\_\_\_

Driver's E-mail address: \_\_\_\_\_ (MANDATORY.)

Passenger's Full Name (print) \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

Class: \_\_\_\_\_ Year of Car \_\_\_\_\_ Make of Car \_\_\_\_\_ Model of Car \_\_\_\_\_

Desired Car Number \_\_\_\_\_

**ALL CARS MUST BE CHECKED IN NO LATER THAN 1 HR BEFORE SHOW TIME, & REMOVED 1 HR AFTER THE LAST EVENT.**

*"For God so loved the world that He gave his only begotten Son, that whoever believes in Him should not perish, but have everlasting life." - JOHN 3:16*