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Office Hours:
M-F 6pm - 10pm
Sat 12 Noon - 10pm



Welcome to the 2010 "Masters of Disaster" Tour. Thank you to all who helped to make the 2009 season so successful!!

WHAT'S NEW FOR 2010:

NO PASSENGERS ALLOWED IN 2010 PER OUR INSURANCE – SORRY, GUYS!

We are introducing 2 new classes. These vehicles will be built to the Nostalgia Class rules. Easy to buy, easy to build, fun to wreck!

- 1) Milbratz's Midsize - 105" wheelbase or larger, 4 or 6 cylinder front wheel drive only, 1980 and newer.
- 2) Mini UAVs - compact pickups, compact SUVs, and minivans 4 or 6 cyl, 4x4 or 2wd, 1980 and newer.

Everyone's bored of figure 8 races. **Mini and Midsize cars will run derby style heats** (depending on car count) so bring spare parts!! Mini UAVs, and SUPER UAVs will be running a one and done feature only. Payout for the Mini Class, Midsize Class, & Mini UAVs will be the same as the Nostalgia class heats and feature.

Here's some incentive to get through tech early! In the past, we have taken 3 from each heat to the feature, plus a Smokin' Pumpkin. Now, in the Nostalgia, Mini, Fair, and Midsize classes, we will take the top **FOUR to the feature from the first 2 heat races plus the Smokin' Pumpkin! You get a much better chance to go to the feature if you're in the first 2 heats. Get checked in and through tech during the first hour of inspection and improve your chances! Remember – you can't win if you don't qualify!**

You might notice there's nothing listed for **Frankenstein Class** rules. That because the rules are simple: The Frankenstein heat is 105" wheelbase or larger, any AUTOMOBILE, no caging the engine compartment or trunk/cargo compartment on sedans & wagons, and no kickers to the arches or body. No "can openers" welded/bolted or otherwise installed on the car. DhR safety rules concerning gas tank, battery, glass and interior apply. Only one automobile bumper on front & rear of the car. No "cow catchers". That's the extent of the rules. That's it. Have fun.

We will be going back to two days at Lake County Fair:

Thursday July 29th 6pm: Mini and full sized U.A.Vs., mini cars, and Milbratz's Midsize cars. **TO THANK OUR DRIVERS FOR THE GROWTH WE'VE ENJOYED AT LAKE COUNTY FAIR THAT MADE THE ADDITION OF THE THURSDAY SHOW POSSIBLE, DRIVER'S REGISTRATIONS FOR THIS SHOW ONLY WILL BE ½ PRICE!!** That's right: normal registration for this show is \$20, but drivers for the Lake Co Thursday show will only pay \$10!

Sunday August 1st noon: Nostalgia and Fair Classes, and a special DhR employee heat!

WE'RE BACK IN WISCONSIN! Kenosha County Fair has invited us back on August 22nd for some demolition action, Darkhorse style! Last year, we had 100 cars, the most that fair has seen in years! Let's beat that record this year! All classes welcome (excluding Frankenstein). Early heats start at 12 noon, and afternoon heats start at 3pm.

We're only doing ONE show at Rockford Speedway this year, October 24th (Fair and Nostalgia Classes, and Frankenstein Class), so is you need your asphalt fix, this is it!

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 trophy. 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....

"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

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! **This year, I will NOT be mailing back your licenses or titles. Pick 'em up or you're out of luck.** 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 and 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 2010. He who accumulates the most points at the close of the 2010 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

2010

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

Feature Top 5: 60 pts - 3rd place
100 pts – 1st place 40 pts - 4th place
80 pts - 2nd place 20 pts - 5th place

<p>Rockford Speedway October 24th 2010 Painkiller Classic * Fair Class * Nostalgia Class * Frankenstein Class Features only, no heats.</p> <p>Note: SAVE \$\$25- All classes may pre-register: \$75, - Frankenstein, \$30 -Nostalgia & Fair Classes. \$25 more if registering day of show. Registration must be received no later than 1 week before derby.</p>	<p>Lake County Fair August 1st, 2010 @ 12 noon</p> <p>Vehicles listed below have a \$20 DRIVER REGISTRATION fee: *Nostalgia Class * Fair Class * DhR Heat</p> <p>Vehicles listed below have a \$10 DRIVER REGISTRATION fee *Mini cars * Milbratz's Midsize * Mini UAVs * Super UAVs</p>	<p>Mc Henry County Fair August 8th, 2010 @ 2pm</p> <p>* Mini cars * Milbratz's midsize * Nostalgia Class * Fair Class * Mini UAVs * Super UAVs</p> <p>Registration fees: \$30 – All classes \$25 – pit passes</p>	<p>Kenosha County Fair August 22nd, 2010 noon & 3 pm heats * Mini cars * Milbratz's midsize * Nostalgia Class * Fair Class * Mini UAVs * Super UAVs</p> <p>Registration fees: \$20 – All classes \$25 – pit passes</p>	<p>Nostalgia, Mini, Milbratz's Midsize, and Fair Classes: Derby-style Heat Race Top 4 from heats 1 & 2 and top 3 from any heats thereafter get \$30 and a trophy.</p> <p>Fair Class Feature Top 5 PAYOUT HAS BEEN INCREASED! 1st-\$1000, \$400 – 2ND, \$300-3RD, \$200-4TH, \$100-5TH</p> <p>Nostalgia Class, Mini Car, Milbratz's Midsize, Mini UAVs, and SUPER UAVs Feature Top 5: 1st - \$300, 2nd - \$200, 3rd - \$100, 4th - \$50, 5th - \$25</p> <p>Frankenstein Class feature payout: 60% - 1st place, 30% - 2nd place, and 10% 3rd place (100% payback)</p>
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GENERAL BUILD RULES FOR ALL CLASSES

If it doesn't say you CAN do it, DON'T DO IT!

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.
- 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 bolts/threaded rod, metal strapping or seat belts (no bungee cords, chain, **ratchet straps**, 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) & 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 leafs. Max 9 leafs per side.
- 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.
- Do not double stack leafs. Do not invert leafs. Springs must be mounted in OEM stock position, no moving shackles.**

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
- FRONT SEATS MUST BE REINFORCED BY INSTALLING A SEAT BAR BEHIND AND UP AGAINST THE FRONT SEAT. SEAT BARS MUST BE WELDED IN PLACE, FROM LEFT TO RIGHT SIDE OF CAR. THIS BAR IS TO BE USED TO KEEP THE SEAT FROM COLLAPSING AND INJURING THE DRIVER. IT MUST NOT BE USED TO OVERLY STRENGTHEN THE VEHICLE. IT IS NOT TO BE FASTENED TO THE FRAME OF A CAR IN THE NOSTALGIA, MINI UAV OR MILBRATZ'S MIDSIZE CLASSES**

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. **NO HOME-MADE RADIATORS!**

Rules of Competition Apply for Every & All Classes

- 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 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 CARS &, MIDSIZE CARS, WILL NOW RUN DERBY STYLE HEAT RACES. TO COMPETE IN FEATURE EVENT FOR EACH CLASS, YOU MUST COMPETE IN THE HEAT RACES AND QUALIFY FOR A SPOT IN THE FEATURE. BRING ENOUGH SPARE PARTS!**
- No profanity, racism, or sexually suggestive wording or pictures are 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. THIS IS MANDATORY. NO EXCEPTIONS!**
- **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!!
- Any added reinforcements other than specified below are 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.

Nostalgia Rules

NOSTALGIA CLASS: – any 1977 and newer rear wheel drive GM, 1979 and newer front wheel drive GM, rear drive FORD and/or Mopar, 105" or larger wheel base, stone stock build.

MILBRATZ'S MIDSIZE: any front wheel drive 4cyl or v6 front wheel drive sedan, coupe, or wagon (1980 or newer 105" wheelbase or larger, stone stock build) Taurus, Lumina, Regal, Sable, Intrepid, Gran Prix, etc...

MINI U.A.V. CLASS: 4 or 6 cyl compact truck, or minivan, under ½ ton 1980 or newer..

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

Body & Frame

- 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 mandatory. It must be positioned up against the driver's seat, running from left to right and must be securely welded into place.** An additional bar 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**

- Bumpers 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 or newer 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. NO PERFORMANCE/SPECIALTY ENGINES ALLOWED.
- 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 retard tires.
- No welded rims.
- Solid & / or doubled tires are NOT allowed. Water filled & / or tubed tires are okay.

Rear Differential

- 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).
- 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.

Electrical

- Maximum 2 batteries may be used, mounted securely and covered in either the passenger front seat floor boards or rear seat floorboards, and must be covered by a non-flammable material

Body & Frame

Bolts, Rod, or Chain

- You may use 4 (four) hood bolts 1/2" o.d. **MAXIMUM, & 2 (TWO) PIECES OF 3/4" MAX o.d. 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 1/4" thickness, 2 per nut.**
- You may use 4 (four) 1/2" inch bolts **& 2 (TWO) 3/4" MAX THREADED ROD** to secure the trunk lid (coupes or sedans only). Must be sheet metal to sheet metal only, with the exception of the two RODS may go through or around the frame. **Washers for threaded rod must not exceed 6" diameter and 1/4" thickness, 2 per nut**
Station wagons may use (four) 1/2" bolts total to hold the tailgate. **NO THREADED ROD GOING FROM SIDE TO SIDE OR FROM ROOF TO FLOOR**
- If you don't secure using bolts you may chain or wire the hood or trunk in 4 places with material no longer than 24" inches. Don't wrap around the frame. Sheet metal to sheet metal only.
- You may weld a 6" washer to the hood or trunk to run the chain or wire thru.
- All body bolts must be max 3/4" O.D or smaller. Body bolts MAY extend below frame.
- Body pucks may be removed and body may be bolted directly to frame. Washers (not pucks) for body mounts must not exceed 6" diameter and 1/4" thickness, two per bolt. Body bolts may not exceed 1/2" diameter.**

Reinforcements

- Coupes and sedans only, are allowed a gas tank protector, no wider than 24 inches, may rest against back seat panel but may not be attached. It may NOT run straight back to frame humps, must angle in from back seat pipe. **IT MAY RUN STRAIGHT BACK, BUT ONLY IN THE CENTER OF THE CAR. It may not be any taller than the seat bar, and may only be attached to seat bar and no other part of cage.**
- You may run 1 chain 3/8 MAX. or 4 loops of #9 wire from frame rail to frame rail behind rear axle.
- No body seam welding allowed inside or out, unless specified.
- The only welding allowed are the bumper shocks & brackets, cage, motor mounts, & doors unless otherwise stated.
- Distributor protectors allowed, but must not act as a brace against fire wall. Cutting a hole in firewall for distributor access is allowed. **Distributor protectors are allowed but must not keep engine / front end from bending, & must be 1" or more away from the firewall at the start of the derby.**
- No added weight to the car except the weld. No buffing, grinding, or packing the frames, trunks, doors, or under floor. **ABSOLUTLY NO BODY SEAM WELDING OTHER THAN OUTER DOOR SKINS.**

Body Panels

- ALL doors may be welded solid. You may smash the inner & outer door skin together & weld.
- 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.
- 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".

Cage

- 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. Halo bars are allowed. **VERTICAL DOWN TUBES MAY BE ADDED, MAXIMUM OF & MAY BE ATTACHED TO TOP OF FRAME. NO FORM OF KICKER ALLOWED**
- Halo bars must be vertical & not at an angle. They must not attach to the rear deck.
- No kickers from halo bar to the rear deck or trunk.

Body & Frame Continued:

Frame

- You may cut/notch frames for minimal pre-bending, but may not weld the cut
 - 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 1/4 inch on any side of patch. Also, patches must have a 1/2 inch hole drilled in it for inspection. You may use a total of 4 plates, 4" x 6" to patch frame MAXIMUM. If you're Y-FRAME Mopar's Y-frame section is damaged, you MAY NOT plate the Y. Straighten the section and/or replace the parts. **AGAIN, DO NOT PLATE THE "Y"!** 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 1/4". Officials will inspect the frame!
 - Skid plates are allowed, must be separate oil/transmission plates. No full-length skid plates, No bolting or welding to frame.
Frames may be shortened on 80's Lincoln Towncars & Mercury Grand Marquis to equal Ford Crown Vics.
 - 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. 1/2" 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.**
 - 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.
 - On any non-leafed 1977 and newer rear wheel drive GM, 1979 and newer front wheel drive GM, rear drive FORD and/or Mopar, 105" or larger wheel base, you are allowed a 1/4 inch thick by 22 inch long hump plate, contoured to the hump, centered and welded with one pass of 1/4 weld. This plate must be welded to the outside only, match the factory hump and not span the center of the hump. Do not weld any seams on the rear of the car. 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.

Bumpers

- No bumper chrome may be welded to the body
- Bumpers may be welded onto frame. Do not add additional material to assembly. Weld stock pieces to stock pieces only.
- Bumpers may also be wired or chained to frame. **You may have 1 loop of chain or wire per bumper shock or chain to threaded rod in core support in front and bumper shock to threaded rod in trunk.** 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 on cars. 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

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. Coil spring cars may not be changed to leaf spring cars. Stiff/locked suspension is okay.**
- 9 stack of rear leafs max. (For more info see general build rules). No leaf on top of main.
- 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
- Welded tie rod ends are okay.**

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 & SIEVED WITH HEATER HOSE OR SIMILAR MATERIAL. No fuel or

Super U.A.Vs - Rules for this class are in conjunction with & in addition to the General Build Rules.

- **Super U.A.Vs (Urban Assault Vehicles):** full sized vans, SUVs, Suburbans, and full sized pick ups, up to 1 ton, 2 wheel or 4 wheel drive. No Commercial Chassis Vehicles!! **NO PASSENGERS ALLOWED!**

Engine, Transmission, Axles, & Wheels

- Any engine can be used in any UAV. 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.
- 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.
- 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

Fuel System

- Fuel tank should be relocated to the bed of the truck against the front of the box

Body & Frame

- SEDAGONS ARE ALLOWED (Suburbans, vans & SUVs only)! 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 & bodies must match (make, model & year must agree). In other words, no 72 Ford Pick Up frames under a 87 Chevy pick up body.
- No filling frame with material to strengthen it (**outside the weld zones**). 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 1/4 inch on any side of patch. Also, patches must have a 1/2 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 1/4". Officials will inspect the frame!
- Distributor protectors allowed, but must not act as a brace against fire wall. Cutting a hole in firewall for distributor access is allowed. **Distributor protectors are allowed but must not keep engine / front end from bending, & must be 1" or more away from the firewall at the start of the derby.**
- 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.
- Truck frames may be reinforced from rear of A-arms to center of rear axel for drivers' protection
- All trailer hitches must be completely removed.

Super 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 handles, 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.
- A BOX-TYPE CAGE IS THE MINIMUM REQUIREMENT & 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), but may not be attached to firewall. 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. NO FORM OF KICKER ALLOWED!!
- 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).
- 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.**
- All carpeting & rear seat(s) must be removed, both top & bottom sections. Suburbans, Vans, and SUVs must have all rear decking removed & be empty to the floorboards.

The rules outlined above are DhR Super UAV rules. If you are bringing a UAV from another venue, read these rules carefully so you are properly prepared.

We will honor the rules in the area that you run. Simply bring a copy of your rules to the inspection line. They must be official rules on an approved letterhead from a promoter or fair board.

The following exceptions apply....

NO plated frames, regardless of your rules

NO doubled sheet metal

NO cages in the fenders, engine compartment or rear bedsides.

No kickers past the centerline of either axle.

We realize that this might provide a fairly diverse field, but we do not generate enough truck interest to justify asking you to build your truck to our specific rules.



Fair Class cars: MEDIUM BUILD - : any coupe, sedan or station wagon, 105" wheelbase or larger. No hearses, limos, or commercial vehicles. NO IMPERIALS OR SUICIDE DOOR LINCOLNS!

Nostalgia Class cars: any 1977 and newer rear wheel drive GM, 1979 and newer front wheel drive GM, rear drive FORD and/or Mopar, 105" or larger wheel base, stone stock build

Urban Assault Vehicles (UAVs): any pick up truck, mini van, van, or SUV up to 1 ton GVWR (4x4 okay)

Mini Cars: any 4 or 6 cyl car 105" wheelbase or smaller. Built to Fair Class rules

Mini UAVs : Compact Pick ups and Mini Vans, 4 or 6 cyl, smaller than ½ ton. Built to Nostalgia Class rules

Milbratz's Midsize: 105" wheelbase 4 or 6 cyl, front wheel drive. Built to Nostalgia Class rules

Frankenstein: full sized cars only (any kind), no caging or filling, or otherwise reinforcing the engine area, trunk or cargo areas, no protruding "spear" type poles or bars.

Visit us at www.darkhosedemoderby.com or Call (847) 707-4188. Technical questions?
E-mail: 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 Rockford Speedway shows 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) 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 1hr 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***