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by Jan Gerber, 2006 Solo Novice Advisor NRSCCA supports all the Open classes in the Solo Rule Book. Classes are adjusted by a Solo Events Board, using direct input from competitors and data gathered from autocross events held all over the country. All open classes are based on lowest time on track plus any penalties for cones or course deviations. Parallel Ladies classes are not provided for each of the open classes. Nebraska Region has two indexed classes using the PAX index system. PAX indexes are used for the combined Ladies PAX class and also for the Street Tire PAX class. The PAX classes are calculated using a set of factors for each class. A "faster" car has a higher factor. Example: If a Viper and a Yugo both run an identical time, the Yugo would win since the Yugo is a "slower" car with a lower index. The factors try to equalize the cars and make it possible to provide a competition between drivers in unequal cars. "PAX is the term that's been around since the inception of the Index. It stands for Professional Autocross (AutoX). The term came into play in the 1970's in order to determine a Grand Champion for the Portage (Indiana) Grand Prix. It was a Street Autocross down the main street and into a parking lot in Portage, Indiana." -- Rick Ruth (creator of the PAX index) There are 4 main categories your car can fall into. Stock, Street Prepared, Prepared, and Modified. The Street Touring classes (STS, STS2, STX, STU) fall in between Stock and Street Prepared, while the Street Modified classes (SM, SM2) fall somewhere between Street Prepared and Prepared. Stock This class includes mass produced vehicles able to be used for normal street driving. Stock Category cars must compete in their showroom configuration with only minor modifications allowed. Some of the basic mods allowed include: any DOT legal tire that fits on the OEM size rim, up to double adjustable shocks, cat back exhaust, and front (only) sway bar. Please refer to the Solo Rules for details on the allowable modifications. Some of the cars commonly found in Stock classes: SS: C5 Vette, 93+ turbo RX7, 911 turbo AS: new M3, C4 Vette, 911(993), S2000 BS: M3, 87-91 turbo RX7, 350Z, Camaro SS CS: Miata (2nd gen) , MR2 spyder and turbo DS: Integra Type R, Mazdaspeed Protege, Subaru WRX ES: Miata (1st gen), MR2 n/a FS: American V8, Camaro, Mustang GS: V6 Camaro, Neon, CRX Si, Mini Cooper S, GM J-body, VW 1.8 turbo HS: most small 4 cyl Street Prepared Any and all Stock Category vehicles are eligible for Street Prepared. Some of the basic mods allowed include: any spring, strut/shock on OEM mounting, two point strut bars, any wheel with DOT tires, padded racing seats, headers, intake, chip, limited port and polish, .40 overbore. No internal engine modifications are allowed, but minor changes to the bodywork to accommodate larger wheels and tires are permitted. Please refer to the Solo Rules for details on the allowable modifications. Some of the cars commonly found in Street Prepared classes: SSP: C5/C6 Corvette, Lotus Elise, Dodge Viper, Nissan GT-R (R35), Porsche 911 GT2, GT3 ASP: BMW 128 and 135, 328 and 335, Dodge Stealth Turbo, Pontiac Solstice CXP/Saturn Sky Redline, Lancer Evo VIII/IX, Subaru WRX/WRX STI BSP: Audi TT, 1953-1996 Corvette, Chrysler Crossfire, Honda S2000, MazdaSpeed Miata, Pontiac Fiero, Triumph TR-6 CSP: E30 M3, Civic/CRX Si, Miata DSP: Integra & ITR, Neon, BMW 325-330, GM J-body, SOHC Civic ESP: American V8, Camaro, Mustang, 4wd turbo Talon/Eclipse, WRX FSP: most small 4 cyl Prepared Cars in the prepared class retain their original design, structure, and drive layout unless otherwise specified in the Solo Rules. Minimum weights are specified for all cars as part of the classing structure. Some of the basic mods allowed include: racing slicks, most internal engine mods, and interior removal. Please refer to the Solo Rules for details on the allowable modifications. Some of the cars commonly found in Prepared classes: XP: Lotus BP: RX7 turbo, Viper, 928S, 944 turbo CP: American V8, Camaro, Mustang, Corvair DP: MG, Spitfire, X1/9, Miata, CRX EP: Integra, Neon, Civic FP: Nissan/Datsun Z car, RX7, 911 Modified These vehicles are heavily modified specifically for the purposes of competition. Vehicles in this class include: formula cars, sports racers, single-seat specials, and kit cars. Some of the basic mods allowed include: engine swaps and power adders (turbos/superchargers). Please refer to the Solo Rules for details on the allowable modifications. Some of the cars commonly found in Modified classes: AM, BM, CM: Formula cars, Sports Racers, Specials DM: 2000 cc and under EM: over 2000 cc Street Touring: STS, STX, and STU Think Street Prepared "Light." This category allows sedans (four seaters and coupes) which must use street tires with treadwear ratings of 140 or higher. Allowed mods include: headers, intakes, chips, body kits, sway bars, springs, 2pt strut bars, fully padded front seats (over 15 lbs). Please refer to the Solo Rules for details. Street Touring Front: STF Modern FWD vehicles. For Example: Mini Cooper (non-S), Ford Fiesta, Honda Fit, Mazda 2, Volkswagen Golf 2.5. Please refer to the Solo Rules for details. Street Touring Compact: STC Includes Late 80's Honda Civic, Dodge Neon, Nissan 24SX, Subaru 2.5 RS (98-01) Other Sedans and Coupes NOC 4 Seats up to 3.1L normally aspirated. Please refer to the Solo Rules for details. Street Touring: STS Limited to 2 seat cars, 1.8L and under, such as CRX, delSol, Miata (90-97), RX7 (non-turbo 79-92). Excluded vehicles: Miata 99+, MR2 91-95 and 00+, all Lotus. Please refer to the Solo Rules for details. STX Maximum 5.1L normal aspirated, maximum 2.0 turbo/supercharged, LSD, maximum wheel width 8.0 inches, maximum tire width 245. Excluded vehicles: E36 M3, M5, Mitsubishi EVO 8, and WRX STI. Please refer to the Solo Rules for details. Street Touring: STU STX rules but with no restrictions on wheel size. Maximum tire size is raised to 275 for 2WD (245 AWD), forced induction limited to 3.1L. WRX STI, EVO 8, and SRT-4 are allowed. Excluded vehicles: E46 M3, and the E39 M5. Please refer to the Solo Rules for details. Some of the cars commonly found in Street Touring classes: STS: Civic, Integra, Neon, MINI Cooper, Cavalier, Impreza 2.5 RS STS2: CRX, delSol, Miata (90-97), RX7 non-turbo, MR2 (1st gen) STX: WRX, Integra type-R, Cooper S STU: Mustang, Camaro, WRX STI, EVO 8, SRT-4, Supra, RX8 Street Modified: SM, SSM Similar to Street Touring except that extensive drivetrain and suspension modifications are allowed. The SM Class is for 4 seat sedans and coupes, not sports car based. All Street Touring and Street Prepared modifications are allowed. Same manufacturer engine swaps are allowed such as: Honda/Acura, Toyota/Lexus, Chevy/Pontiac. Aftermarket turbo/superchargers are allowed and rear seats may be removed. Maximum displacement: 6.0L normal aspirated; 3.0L OHC turbo; 4.0L pushrod turbo; and 1.5L rotary. For minimum weights, see the rule book. Please refer to the Solo Rules for details. Super Street Modified: SSM Two passenger cars (except Lotus) and cars beyond SM. Please refer to the Solo Rules for details. Some of the cars commonly found in Street Modified classes: SM: Mustang, Camaro, Civic, Integra, 330, M3 SSM: Miata, CRX, delSol, Corvette, S2000 PAX Class Pro Pax Designed for experienced drivers to compete against other experienced drivers across various classes. Open To: All Open Classes RTF: Road Tire Front New National Provisional Class for Front Wheel Drive Stock Class Cars on 140 tread wear or greater tires. Open To: All Stock Classes, Cars must be FWD RTR: Road Tire Rear New National Provisional Class for Rear Wheel Drive Stock Class Cars on 140 tread wear or greater tires. Open To: All Stock Classes, Cars must be RWD RTA: Road Tire All New National Provisional Class for All Wheel Drive Stock Class Cars on 140 tread wear or greater tires. Open To: All Stock Classes, Cars must be AWD RTP: Road Tire Prepared New NRSCCA Class to catch the remainder of the vehicles in our Street Tire PAX group. This is for All Street Prepared, Prepared, Modified and Street Modified drivers competing on Street Tires Open To Cars Classified in: SSP, ASP, BSP, CSP, DSP, ESP, FSP, SM, SMF, SSM, CP, DP, EP, FP, GP, AM, BM, CM, DM, EM, FM Ladies PAX If you are female and want to only run against the other ladies in the Ladies PAX class, mark the "Ladies" box. Now that you know what classes Nebraska Region uses ... which class are you in? Start with what modifications you have done. This will determine which category you fall into. Then go to that section of the rule book and find your car. That is the class you enter on your tech card. Timing needs to know the class even if you are running in the Street Tire PAX class or the Ladies PAX class. Solo® is the SCCA brand name for autocross competition. Solo events are driving skill contests that emphasize the driver's ability and the car's handling characteristics. This is accomplished by driving a course that is designated by traffic cones on a low hazard location, such as a parking lot or inactive airstrip. While speeds are no greater than those normally encountered in legal highway driving, the combination of concentration and car feedback creates an adrenaline pumping experience. The SCCA annually publishes the Solo Rules to classify a full range of imported and domestic sports cars, sedans, and purpose-built race cars, as well as to layout the basic rules behind Solo competition. The Solo Car Classifications, are located in the back of the Solo Rule Book, so that you may determine what types of cars are typically competing in Solo. There is a class for just about any vehicle. The organizers of local events are also allowed enough leeway to add classes to suit their particular requirements. The SOWDiv at this time does not have a Solo Divisional Series due to the SCCA National Solo programs that are offered in our division. Members from around the division are going to the National Solo programs instead. These programs include, ProSolo, Championship Tour Events and Match Tours. We still get together at these events and have fun. The competition is good because it not only includes the people from our division but from other areas outside our division. The Contingency awards offered at National level events now exceed what could be offered at Divisional Events. These National level programs are two day events just like the Divisional Events of the past. We hold many of the events at the same locations as past Divisional Events. 2021 Events