



# NASA Prototype Series (NP01-EVO)

## Official 2022 National Rules

(Rules subject to change)

Nov. 29, 2021, Version 1.1

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(Note: Latest revisions are in blue font)

### 1. **Introduction**

The NASA Prototype Series was created to meet the needs of competitors seeking an extremely competitive, cost effective platform utilizing a purpose built closed cockpit prototype style chassis specifically designed with the series goals in mind; fun, fast, safe, and affordable. The series focus is on driver skill by way of intentionally limiting the number of electronic aids and adjustments available to series competitors.

The NASA Prototype Series encourages competitors to focus on driver development utilizing a proven package with the purpose built and designed Sebeco NP01-EVO.

### 2. **Intent**

The intent of the rules is to establish a clear precedent for discouraging creative rules interpretation and instead focus on maximizing driving skill operating within a series with clearly defined areas of exploitation. The series rules seek to discourage frivolous spending while providing for an unmatched level of parity through advanced control measures built into the series. The series should serve as a “showcase” for driving talent providing a friendly, accommodating, and challenging environment for varied levels of driver skill. The series is designed to keep costs under strict control utilizing specified parts at a fixed price while limiting data acquisition, engine, suspension, brake, and body modifications.

The NP01-EVO is intended to be raced in its preferred classes, NASA Prototype (NP) and NASA Prototype Endurance (ENP). Competitors may compete as well in the appropriate Super

Unlimited (SU), Super Touring (ST) and Time Trial (TT) classes. The car must remain in its NP01-EVO legal configuration at all times while being driven in NASA Prototype (NP or ENP) races and series.

### 3. **Sanctioning Body**

The Class/Series is supported and sanctioned by the National Auto Sport Association (NASA). All race events are governed by the rules set forth by the Class/Series Directors and NASA officials. All competitors agree to also abide by the rules set forth in NASA's current Club Codes and Regulations (NASA CCR) and any supplemental rules issued by the Class/Series Directors

### 4. **Eligible Vehicles Manufacturers/Models/Configuration**

One design, fixed specifications, closed cockpit, single seat prototype sports racer utilizing the Mazda 2.0L MZR engine and Sadev 6 speed sequential transmission. Cars are produced and sold by Sebeco Motorsport. Replacement parts are supplied directly through Sebeco and must be official Sebeco Motorsport parts except as noted in these rules. Cars must be assembled per Sebeco Motorsports' Assembly Manual. No modifications may be made to any part or system unless specifically permitted by these rules.

### 5. **Safety**

The car is delivered from the manufacturer with approved safety equipment minus harnesses, side nets, seat bead/foam kits which may be sourced elsewhere provided they conform to the NASA CCR and these rules.

5.1. An SFI/FIA approved driver harness of 6 or 7 points must be installed using the factory attachment points or as permitted by the NASA CCR.

5.2. Two side nets meeting NASA CCR specifications must be installed.

5.3. Headrest padding and roll cage padding must conform to the NASA CCR.

5.4. One additional hand held 2.5 lbs fire extinguisher may be added [in addition to the on board fire system](#).

5.5. Exterior fire system trigger may be added, preferably next to the exterior master switch location. Exterior trigger must be marked per the CCR.

## 6. **Modifications**

### 6.1. **Updating and Sebeco Factory Options**

In 2021, Sebeco Motorsport debuted the 2021 NP01-EVO for NASA Prototype competition. Along with this came a number of improvements and Sebeco has continued to refine and improve the vehicle they sell. These factory available options for the NP01-EVO as provided by Sebeco Motorsport are currently permitted for competition use in the NASA Prototype Series. This does not constitute a complete list of changes, but serves as a list of currently approved updates.

- Splitter
- Diffuser
- Spec legal rear wing pylons and wing endplates
- Rear upper wishbone
- Rear rockers
- Floors
- Brake calipers
- Wheels
- Airjacks
- Auxiliary oil cooler system
- Billet uprights
- Endurance Racing Fuel cell
- Cool suit system - (Chillout system, Fast Cooling, or Coolshirt)
- Endurance lighting kit
- Helmet cooling system
- Quick fuel dry break
- Rear anti roll bar (can be installed, but must be disconnected/disabled)
- Spec legal paddle shift system (as provided by Sebeco Motorsport)

6.1.2 Previous generation NP01's can be updated with any part currently available through Sebeco Motorsport for use on a NASA Prototype legal NP01-EVO. (The purpose of this rule is to cover all the items Sebeco has updated on the NP01 for legal spec competition).

### 6.2. **Chassis**

No modifications to the chassis are permitted except as noted in these rules.

6.2.1 Up to ten (10) chassis rub blocks are permitted to be attached to the underside of the chassis, splitter and side floors to eliminate bottoming damage. The pads shall be no larger than 2" wide x 2" long x 1" thick. These rub blocks shall serve no other purpose and may be of any material except titanium.

6.2.2 The chassis may be painted or powder coated. Aluminum parts may be polished, anodized, coated or painted. Chassis parts may be polished anodized, coated or painted to protect them from corrosion. Industry standards must be followed when parts are plated or coated.

6.2.3 Ballast (fabricated or purchased), if used, must be fastened in permitted locations:

6.2.3.1 Ballast may be added in front of the seat using the two provided bosses.

6.2.3.2 Ballast may be added to the area between the frame rails under the drivers seat.

6.2.3.3 Ballast may be added to the floor behind the exhaust.

### 6.3. **Bodywork**

All bodywork must be official Sebeco Motorsport components and be installed per Sebeco Motorsports' assembly manual. Use of any other bodywork is strictly forbidden. Modification of factory-supplied bodywork is strictly prohibited.

6.3.1 Crash damage of body panels may be repaired. However, exterior shape and size shall remain unchanged. Repair may perform no other function except structural and aesthetic repair of a specific component. Sections shall meet the weight requirements in Section 26.

6.3.2 Racers/Gaffers tape may be used to repair crash damage, or as a precautionary means of securing the body retaining fasteners. Crash damage is defined as having occurred during the current event, and the tape should be of an appropriate color if possible. Tape may not close body seams.

6.3.3 Any combination of body fasteners, i.e. Dzus, CamLoc, Body Latches, Terry Springs, tinnerman/bolts may be used. Factory provided body hardware may be replaced with hardware that performs the same attachment function.

6.3.4 The car may be painted and/or vinyl wrapped in any color(s), except primer. Bare gel coat is permitted, but discouraged.

6.3.5 The front windshield area commonly used for a sunshade is reserved for future series sponsors use. Until said time, owners may apply a sunshade no deeper than 6 (six) inches tall.

6.3.6 Side window vents measuring 5"x5" may be installed in earlier generation NP01's .

6.3.7 The canopy may be modified per NASA TB NASA\_002. The intent of this modification is to allow removal of the canopy without removing fuel filler ports.

6.3.8 Air intake scoop extension (Sebeco P/N: NP01-40-070) is permitted.

### 6.4. **Rear Wing**

A gurney (wicker) may be fabricated or purchased provided it follows these requirements: A maximum height 26mm. Gurney must be installed only in the provided unmodified groove on the wing. This gurney must be 90 degrees to the mounting surface and its height must remain constant across the entire width of the component span.

## 6.5. Front Splitter

6.5.1 If damaged, repairs to the splitter must be performed in such a way as to maintain the original size, and shape of the component.

6.5.2 Front stay mounting location on crush box may be relocated or the crush box may be reinforced in the immediate area supporting the stays.

6.5.3 Two (total) additional cable stays may be added from the splitter to the tow hooks per NASA T/B NASA\_003

6.5.4 Splitter stay cables may be upgraded to vinyl covered.

6.5.5 The front splitter corner height should be adjusted per Sebeco Technical Bulletin [TB0003-2015](#).

## 6.6. Side Floors

6.6.1 Heat shielding may be added between muffler/exhaust and side floor.

6.6.2 Side stay cable hardware may be upgraded

6.6.3 Side stay cables may be upgraded to vinyl covered.

## 6.7. Engine

6.7.1 NP01 Gen 1 spec engine and NP01-EVO engines are permitted for 2022 season. Beginning with 2023 season, only NP01-EVO compliant engines will be permitted.

6.7.1.1 The five (5) Sebeco Motorsport seals must be in place on the engine, and all other components shall remain in the original location as originally mounted. Locations for seals: 1 on the valve cover, 1 on the oil pan, 1 on front engine cover, and 1 on cam timing sensor.

6.7.2 Engine maintenance, which is permitted, includes the replacement, but not modification of external engine and engine system parts.

6.7.3 All oil lines are free as long as they are the same ID and are within 2 inches overall length of the originals as supplied with the kit. Fitting may be Push Lock or AN style and quick disconnects are legal for oil lines in the engine bay.

6.7.4 All fluids, except fuel, are unrestricted.

6.7.5 The standard factory exhaust system (headers, tubing, muffler) supplied with the car by Sebeco Motorsport must be used without modification with these exceptions:

6.7.5.1 The slip fit connection points for the inlet/outlet on the exhaust muffler may be replaced with 2.5" ID V-band style connectors.

6.7.5.2 The exhaust system may also be thermal-coated or wrapped.

6.7.6 Auxiliary oil cooler may be installed. Location is unrestricted. Original oil to water cooling system contained within factory radiator may be retained or bypassed. Radiator must remain unmodified.

## 6.8. Transaxle

The transaxle is not a sealed unit. However, no modifications, alterations, or treatments are permitted.

6.8.1. Transaxle/drivetrain repair utilizing OEM parts from Sadev is permitted.

6.8.2 REM, Cryo or any treatment of transmission parts is specifically forbidden as it has been found to shorten the life of the gears/transmission.

6.8.3 Gears must conform to the ratios listed below. Gears and dog rings/sprockets may be replaced individually. There are no alternative gear sets permitted.

	Gear Set 1
1 <sup>st</sup>	12 – 36
2 <sup>nd</sup>	16 – 36
3 <sup>rd</sup>	15 – 26
4 <sup>th</sup>	20 – 29
5 <sup>th</sup>	17 – 21
6 <sup>th</sup>	25 – 27
Final Drive	- 31

## 6.9. ECU

6.9.1 ECU is a locked unit and may not be modified, written to or tampered with at any time. The ignition system is subject to testing procedures and must conform to OEM Sebeco Motorsport specifications.

6.9.2 Engine ECU data is available to the competitors and sanctioning body via the supplied AIM dash or via the flash drive on the AEM ECU.

6.9.3 A flash drive must be installed and functioning during all competition sessions for recording of ECU data per Sebeco TB0010-2016.

## 6.10. Fuel System

Only readily available pump gas (89-93 octane) is legal in the NP series. Discovery of “exotic”, “custom” or otherwise oxygenated fuels (other than pump gasoline) will result in immediate disqualification. Competitors must be prepared to provide fuel samples upon request at any time.

6.10.1 All fuel lines are free as long as they are the same ID and are within 2 inches overall length of the originals as supplied with the kit. Fitting may be Push Lock or AN style and quick disconnects are legal for fuel lines in the engine bay and to/from the fuel tank.

6.10.2 The fuel filter brand is free, but it must be a direct replacement.

6.10.3 Replacement/modification of the discriminator valve (vent) and hose is permitted. Discriminator valve should be on or as close to the tank as possible. Hose may be up to 1-inch ID. Vent hose may be rerouted but must terminate behind the engine firewall and must confine fuel in the fuel system.

6.10.4 A single/dual quick fill unit(s) of open brand may be added in combination with the standard filler neck. Body and chassis may not be modified for fitment.

6.10.5 Holley Hydromat Fuel Blanket is permitted. The foam may be minimally modified for fitment as needed but the fuel cell/bladder may not be modified.

6.10.6 A “T” fitting may be placed in the fuel line for the purpose of draining the fuel tank or taking fuel samples. Fittings must meet SFI, FIA or NHRA requirements. The addition of an electrical switch is permitted to turn on the pump for draining.

6.10.7 The fuel pump may be shielded from the exhaust by an aluminum shield (Sebeco P/N: NP01-50-027) or similar. 3" ducting hose and NACA duct may be added on the right side pod forward of the muffler (NASA TB 8\_31\_16). The external bodywork may not be modified.

6.10.8 The top section of the fuel cell aluminum structure may be modified with a hinge to provide access to the filler plate per NASA TB XXXX.

6.10.9 The fuel pump may be one of the following part numbers: Bosch 044 (oem), AEM P/N: 50-1005 or Holly P/N: 12-130

6.10.10 Gen 1 Spec NP01's require use of non-return style fuel system. NP01-EVO spec powered cars require the use of the return style fuel system.

6.10.11 A single external (to the fuel tank or fuel cell) container that fuel is stored in, or moves through, (e.g. swirl pots, vent cans, surge tanks, etc.) may be used, and that container shall not have a capacity greater than 1.5 liter (0.4 gallons). The container must be constructed of aluminum or stainless steel, with threaded fittings to stainless steel braided fuel hoses. It must be separated from the driver's compartment by a separate

bulkhead. Any container over 1.5 liters (0.4 gallons) is considered to be another fuel cell and subject to fuel cell requirements.

### 6.11. Electrical System

Wiring harnesses and attachments must be as supplied and routed as outlined in the Sebeco Motorsport assembly manual. No modifications to the supplied harness are allowed except as noted. Wiring for additional components not provided for by Sebeco must be completed in such a way as to not interfere with or modify the factory wiring unless specifically allowed per these rules.

6.11.1 Brake lights must be working at all times. Additional tail/brake lighting may be added.

6.11.2 A jump/charge plug may be added and connected directly to the battery, master switch or starter. The plug orientation must face rearward, preferably center mounted to prevent dragging of jump battery if vehicle drives off while connected.

6.11.3 Electrical accessories may be added. An extra fuse block may be added to protect additional electronic equipment but the power must come directly from the common power lug provided in the cockpit just left of the driver seat or the switched side of the main electrical kill switch.

6.11.4 Headlights of any manufacturer may be added provided they adhere to NASA Endurance racing rules. Headlight wiring may use the OEM headlight circuit or auxiliary circuits may be added provided they follow all electrical system regulations. Mountings of headlights must perform no other function.

6.11.5 A windshield blower for the purpose of defogging the windshield/side windows may be added.

6.11.6 The fuel pump and/or fan relay(s) may be replaced with an alternate design that incorporates screw terminals and/or higher amperage. If the relay is replaced, there should be appropriate overcurrent protection included. All modifications are restricted to the relay sub harness only.

6.11.7 An additional high mounted “safety” flashing light is permitted

6.11.8 The battery may be replaced with any battery that weighs no less than XX. It may be located in the front left corner of the chassis (original battery compartment) or just in front of the drivers seat.

6.11.9 Fuel pump, ECU and Main Power Relays may be replaced with MSD Solid State Relay (PN-7564 (Red) or PN-75643 (Black). The addition of a fuel pump switch may be added on the dash. NASA TB 0004.



## 6.12. Data System

6.12.1 AIM MXL2 dash/data acquisition system is standard in all Sebeco NP01-EVO's. Optionally, AIM MXS and MXG may be used instead. These are the only permitted data systems for use during official practice, qualifying or competition sessions.

6.12.2 Standard AIM sensors for use with data system as provided by Sebeco are mandatory. This includes the GPS module.

6.12.3 Steering Position Sensor, Brake Pressure Sensors, and a water pressure sensor may be added.

6.12.4 A fuel level sensor is allowed and may supply it's signal directly to the AIM display. The recommended part is from [www.centroidproducts.com](http://www.centroidproducts.com).

6.12.5 Mylaps X2 transponders may feed information to the AIM dash via CAN bus.

6.12.6 Up to four-wheel speed sensors (P/N: MC-217) feeding the AiM dash are permitted.

6.12.7 No other sensors or data acquisition equipment is permitted for use during official practice, qualifying or competition sessions.

## 6.13. Vehicle Ride Height

6.13.1 Ride height will be measured WITH driver. The minimum ride height is 2.25" at any point on the chassis/splitter/body not to include any bodywork hardware (rivets/nuts/screws).

## 6.14. Vehicle Weight

The car shall weigh 1795 lbs. minimum, including driver as raced.

## 6.15. Brakes

No modifications to the brake system are permitted. Sebeco supplied rotors, hats and calipers are required. Alternatively, Gen 1 NP01 spec rotors are permitted during the 2022 season.

6.15.1 Required front and rear brake pads are Hawk HT-10 P/N: HB521S.800 or [Hawk DTC-60 HB521G.800](#).

6.15.2 Master cylinder caps are free. Rags may be placed over caps and secured with O-Rings, Duct Tape or Ty Wraps to prevent spillage while on track.

6.15.3 The brake master cylinder(s) may be replaced with an alternate manufacturer provided no modifications to the pedal assembly are required for replacement.

## 6.16. Suspension

No modifications to any of the suspension components are permitted.

6.16.1 Alignment adjustments are permitted within the limits of the suspension components.

6.16.2 Pick-Up and mounting points for suspension must be in the same location(s) as described in the instruction manual. This includes rear suspension pickup points. See Appendix C for photographs of the rear pick up points for guidance.

6.16.3 Wheel bearings may be repacked but must remain original OEM from Sebeco Motorsport. Grease must be used; oil is not permitted. No ceramic, no polishing, no coating of the bearing is permitted.

6.16.4 The front anti-roll bar (sway-bar) may be disconnected or removed.

6.16.5 The sway bar bolts, Élan P/N: PN-0005, may be replaced with quick release Pip Pins.

6.16.6 Rod ends and spherical bearings may be replaced with parts having specifications equal to those supplied by Sebeco Motorsport. Replacements shall be capable of being installed with no modifications to any original components and must be of same size/dimensions of those originally supplied by Sebeco.

#### 6.17. Shocks

6.17.1 Shocks may only be rebuilt by MCS directly and will be resealed at this time.

6.17.2 Both front and rear bump stops (MCS P/N: HRD-067-00, [new for 2021](#)) must be installed.

6.17.3 Shock valving must match the new NP01-EVO spec updated in 2021.

6.17.4 Shocks must be installed in their correct positions. Front shocks in front, rear shocks in rear.

#### 6.18. Springs

There are the required spring sets for each axle:

6.18.1 Front: Hypercoil 186 series([or equivalent](#)) Springs 2.25” ID x 6” tall must be used in 800 lbs/in.

6.18.2 Rear: Hypercoil 186 series ([or equivalent](#)) Springs 2.25” ID x 6” tall must be used in 1800lbs/in or 1600 lbs/in rates.

6.18.3 Springs rates may not be mixed on a given axle.

#### 6.19. Steering

6.19.1 Steering wheel is unrestricted.

6.19.2 Any Torrington or Apex joint may be used in the steering column as a replacement part.

6.19.3 Electric power steering unit may be installed inline of the steering shaft. Make and model is unrestricted.

## 6.20. **Wheels**

6.20.1 NO MODIFICATIONS or MACHINING ALLOWED.

6.20.2 Wheels may be painted or powder coated any color(s).

6.20.3 No AIR BLEEDS are permitted.

6.20.4 Both Gen 1 Spec NP01 and Gen 2 spec NP01-EVO wheels are permitted.

## 6.21. **Tires**

Anytime there is moisture present on the racing surface, rain tires may be utilized.

6.21.1 Hoosier NP01 Racing slick tires are the specified dry tire in the following sizes:  
Front: 235/620/R17 and Rear: 235/620/R17

6.21.2 Hoosier Racing Tire W2 rain tires are the specified rain tire in the following sizes:  
Front: 235/40/R17 and Rear: 235/40/R17

## 6.22. **Other Consumables**

6.22.1 Spark Plugs: Brand free, must be of the same heat range and type as originally supplied by Sebeco Motorsport.

6.22.2 Oil filter: Brand free, must be an OEM replacement

6.22.3 Air Filter: Sebeco Motorsport part number PM-0006. No other air filter permitted.

## 6.23. **Accessory Items**

6.23.1 Mirrors may be replaced with any suitable mirrors provided they perform no additional function.

6.23.2 Rear view camera and in-cockpit display may be added.

6.23.3 Seat replacement is permitted. Seat modifications, including cutting, re-shaping and padding, are permitted to enhance the comfort and safety of the driver. Foaming of the seat is permitted. Halo type head/helmet supports may be added to the stock seat. Inexpensive “wings” available for inexpensive aluminum seats do not meet this rule. Additionally, the seat may be modified to allow the seat belt to cross the driver’s body and remain in proper alignment per the CCR.

6.23.4 Use of cool suits by drivers is authorized providing the water container is securely mounted in the approved location inside the cockpit just to the right of the driver. Alternatively, use of the factory supplied Chillout System may be installed and used.

6.23.5 Two-Way radios may be installed in the car. The radio helmet connections must be within reach of the driver while seated and belted in place.

6.23.6 Cockpit ventilation fan(s) may be added but may serve no other purpose.

6.23.7 Gauges may be added in addition to the AIM MXL2 data acquisition/dashboard readout. All additional gauges must be electric and use inline sensors, i.e. oil temp/pressure, water temp/pressure, EGT, fuel pressure. No additional gauges may connect to the stock wiring harness, sensors or ECU.

6.23.8 Engine compartment fluid hoses may be insulated using heat sleeve or wrap

6.23.9 Engine intake airbox, Firewall, side floor and side impact structure may be insulated from engine compartment with heat shielding.

6.23.10 Dash, steering wheel height/distance, pedals and shift lever may be adjusted for driver access, comfort and visibility. A heel stop may be added.

6.23.11 Air jacks may be added using mounting kit available from Sebeco. ANP01- 75001. The brand of air cylinder and pneumatics is unrestricted.

6.23.12 A radiator screen mesh, if installed, must be installed either flush with the opening in the bodywork, conforming to the curvature of the bodywork or set back inside the opening all the way back to the radiator. This screen shall be one-fourth (1/4) inch minimum opening or Honeycomb Radiator Protector and shall serve no other purpose.

6.23.13 Mylaps Timing Transponder location is unrestricted, but it is recommended to be located on the front crash box.

6.23.15 A radiator fan is permitted and is available through Sebeco. ANP01- 54004.

6.23.16 An optional 75A alternator is permitted sourced through Sebeco. ANP01- 60006.

6.23.17 Radiator shield directly in front of left rear tire may be modified to include a mesh screen that replaces a section of this shielding. Size of mesh is unrestricted.

## 7. **Rules/Procedures**

### 7.1. **Rules Package**

The driver is responsible for vehicle legality.

The following rules are not guidelines for this class, but an actual listing of the allowed and the required modifications. These rules, manufacturer technical bulletins and addendums specify the only modifications permitted. If these rules do not expressly state a modification is allowed, it is prohibited. No item, which is allowed, shall also perform a prohibited function. Some equipment may be required to support the sponsors that have contributed to the series.

#### 7.1.1 Rules are subject to change

The following rules are not guidelines for this class, but an actual listing of the allowed and the required modifications. These rules, manufacturer technical bulletins and addendums specify the only modifications permitted. If these rules do not expressly state a modification is allowed, it is prohibited. No item, which is allowed, shall also perform a prohibited function. Some equipment may be required to support the sponsors that have contributed to the series.

#### 7.1.2 Rule change request process

Each NASA Prototype competitor has the right to request a change to the series rules at anytime. To do so, you'll need to send an email to the NP01 Series Director at NP01@drivenasa.com. To ensure the highest chance of being accepted, we suggest you be very thorough and include as much data as you can to support your request. You'll be notified of a decision as soon as possible. You may submit the same request at a later date with additional information should the request be denied.

### 7.2. **Maintenance and Repairs**

It is permitted to perform routine maintenance and repairs provided existing parts are in no way modified. Unless otherwise noted, replacement parts shall be official Sebeco Motorsport purchased directly through Sebeco Motorsport ([Sebecomotorsport.com](http://Sebecomotorsport.com)) except as allowed by these rules. If any official Sebeco Motorsport engine or component seal is broken, by accident or intent, the procedures outlined in Appendix B shall be followed.

7.2.1 Parts listed under "Accessory Items" are considered to be unrestricted, providing the dimensions, design and materials of the replacement part are comparable to the originally supplied component and they perform the same function. Driver comfort and cockpit amenities are not restricted, as long as the changes serve no other purpose and are in accordance to NASA CCRs and these class rules.

### 7.3. Mandatory Items

7.3.1 All cars must display the required series decals in their specified location. Refer to appendix A for further information regarding required decal placement.

### 7.4. Non-Compliance

Drive train violation components will be identified within the class specifications. NASA will permanently track drive train violations. Any competitor found to have an illegal drive train, including a broken seal will receive the following penalties:

7.4.1 Disqualification from the event.

7.4.2 Suspension of NASA competition privileges for thirty (30) days.

7.4.3 The car and drive train are suspended from competition until the unit(s) specified by the Tech Chief are checked, inspected and resealed by Élan Motorsports Technologies.

7.4.4 For a second illegal drive train violation, the competitor will be disqualified from NP01-EVO competition for the remainder of the current season.

7.5.5 For a third illegal drive train violation, the competitor will be permanently disqualified from further NP01-EVO competition.

## APPENDIX A

1. Decal packets are available through the NASA National office.
2. Order of decals along lower portion of side pods is not mandated.
3. Required locations of decals are as shown.

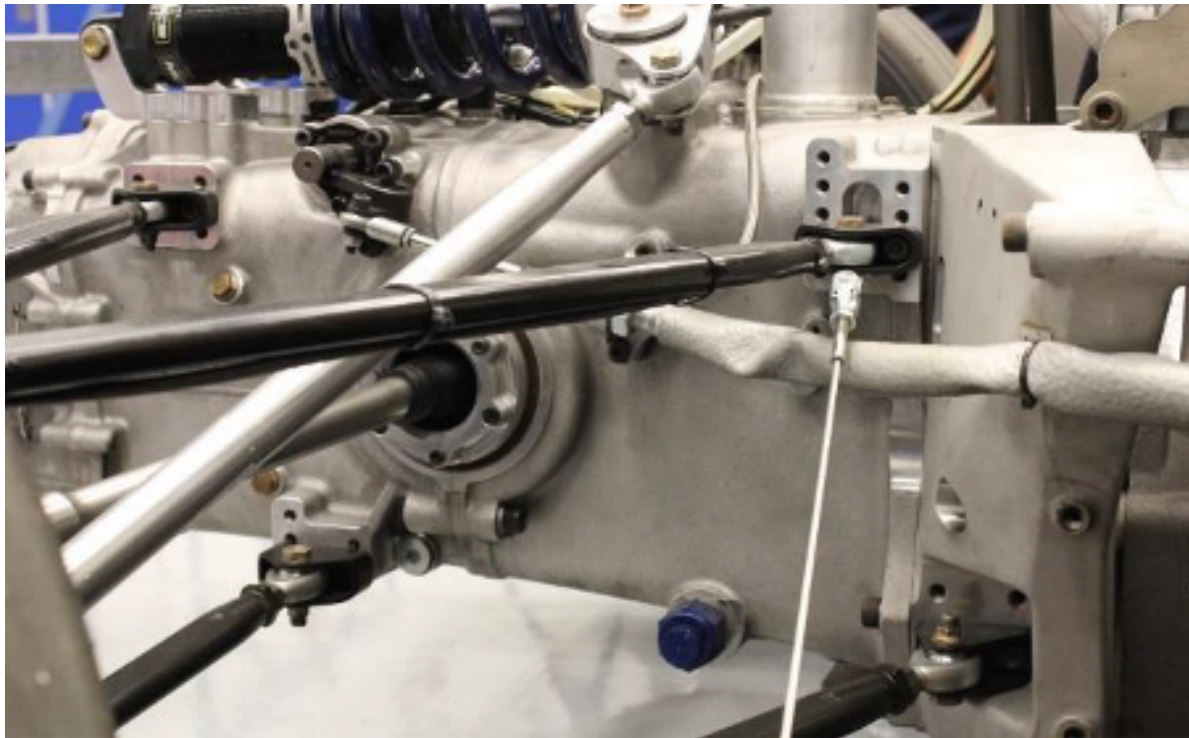


## **APPENDIX B**

Component resealing process: Seal replacement may only be done by Sebeco Motorsport (engine) or MCS (shocks). The component must be shipped to Sebeco or MCS for testing and/or repair as needed and recertification. The car owner is responsible for all costs associated with this process.

## **APPENDIX C**

The rear suspension clevis brackets must be located as shown. Both sides must be assembled the same.



## **APPENDIX D: Body Work Specifications**

### 1. Nose:

- 1.1 Length: 919 mm +/- 5 mm
- 1.2 Minimum weight: 9 lbs, Maximum weight 14 lbs.

### 2 Front Fender (Left or Right):

- 2.1 Length 1559 mm +/- 5 mm. Width 385 mm +/- 5 mm.
- 2.2 Height at axle centerline: 600 mm +/- 5 mm.
- 2.3 Minimum weight: 9.5 lbs, Maximum weight 12.5 lbs.

### 3 Front splitter/base:

- 3.1 Length 686 mm +/- 5 mm. Width 1486,mm, 737 at chassis mm +/- 5.
- 3.2 Shape to be unaltered as supplied by Élan Motorsports Technologies.
- 3.3 Minimum weight, splitter: 6.5 lbs, Maximum weight 10 lbs.
- 3.4 Minimum weight base: 13.5 lbs, Maximum weight: 14 lbs.

### 4 Roof/windshield:

- 4.1 Height from reference plane to roof(center, front of scoop): 998 mm +/- 5 mm.
- 4.2 Minimum weight: Lbs, Maximum weight XXlbs.

### 5 Engine cover:

- 5.1 Minimum weight: 17 lbs, Maximum weight 20 lbs.

### 6 Door/window (Left or Right):

- 6.1 Minimum weight: XXlbs, Maximum weight XXlbs.

### 7 Side Pods (left or right):

- 7.1 Minimum weight: 12.5 lbs, Maximum weight 16 lbs.
- 7.2 Side pod floors Minimum weight: 23 lbs, Maximum weight: 24 lbs.

### 8 Rear fender (Left or Right):

- 8.1 Minimum weight: 9 lbs, Maximum weight 11 lbs.

### 9 Rear Wing:

- 9.1 Width 1778 mm +/- 2 mm. Cord Length 236 mm +/- 2 mm.
- 9.2 Height at axle centerline: XXmm +/- 5 mm.
- 9.3 Height from reference plane to trailing edge: 791 mm +/- 5 mm.
- 9.4 Minimum weight: 13.5bs