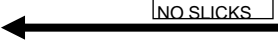



# FIAT NATIONALS SUPERSPRINT REGULATIONS ON A PAGE

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<div style="border: 1px solid black; padding: 2px; display: inline-block;">CATEGORY</div>	<b>Type: WARM</b>  <b>LIMITED MODIFIED, ROAD REGISTERED PRODUCTION FIAT GROUP VEHICLES</b>	<b>Type: HOT</b>  <b>MODIFIED ROAD REGISTERED PRODUCTION FIAT GROUP VEHICLES</b>  <i>ABARTH'S, ABARTH REPLICAS, LANCIA PERFORMANCE INTEGRALES ETC... WILL BE AUTOMATICALLY PLACED IN THIS GROUP.</i>	<b>Type: ATOMIC</b>  <b>SIGNIFICANTLY MODIFIED VEHICLES FOR TRACK USE &amp; BEING PRODUCTION BASED FIAT GROUP VEHICLES</b>
<b>Characteristic</b>			
<b>General Discussion</b>	Intended to cater for up to mildly modified production cars, meeting original specifications with a latitude for "bolt-on" performance parts. Allowances for safety, engine reconditioning, tyres and cosmetic changes.	Intended for road registered (or able to be registered) vehicles, allowing originally available options and freedoms in specific mods to engines, suspension and tyres.	Race and special use Track Cars
<b>Registration</b>	Must be Registered. No change is permitted that would render it unsuitable for registration.	Registered or able to be registered.	No requirement
<b>Historic Registration Discussion</b>	Historical vehicle or Club registration is adequate, so long as the vehicle retains period characteristics and modifications.	Historical vehicle or Club registration is ok, but any mods must retain period characteristics and have been available at the time of vehicle manufacture.	Probably N/A.
<b>Bodywork and Dimensions: Exterior</b>	Nil modifications from standard configuration. Bumpers may be removed. Minor reforming of the wheel arch inner bead or lip for the purpose of tyre clearance is permitted.	As per Type One, plus it is permissible to fit wheel arch flares of a plastic or rubber material affixed with screws. Overall increase in vehicle width not to exceed 100mm in total. It is permissible to fit a small bolt-on chin spoiler and rear deck spoiler / flare (but no wings).	IAW Sports Sedan or Marque Sports cars regulations, save that the external body must be derived from a Fiat Group vehicle.
<b>Bodywork and Dimensions: Interior</b>	The interior shall remain as per standard except for: The driver's seat can be replaced with a competition seat. A seat harness can be used in lieu of the standard lap sash belt. Extra gauges can be fitted as long as the dash remains original (i.e. undermount). Steering wheel - free. Carpets and floor sound deadening material and rear seat may be removed.	As for Type Two, except that instrumentation, heaters and airconditioning are free, but the original dash must remain. Rear seats where fitted may be removed. Headlining is free but all door trim must remain. All standard window glass must remain. Door handles and window actuation must be as per standard fitment. Rear parcel shelf lining may be removed, providing that there is an impervious barrier between the compartment containing the fuel tank and the cockpit.	IAW Sports Sedan or Marque Sports cars regulations.
<b>Bodywork and Dimensions: Rollcage</b>	Free	Free	IAW Sports Sedan or Marque Sports cars regulations.
<b>Bodywork and Dimensions: Fibreglass Panels</b>	Not permitted unless originally fitted.	The bonnet and bootlid only - can be replaced with fibreglass or plastic replacement components. The replacement panels must be exact dimensional replicas of the originals. Carbon fibre replacement panels are not permitted.	IAW Sports Sedan or Marque Sports cars regulations.
<b>Bodywork and Dimensions: Body Seam Welding</b>	Not permitted.	Free	IAW Sports Sedan or Marque Sports cars regulations.
<b>Bodywork and Dimensions: Location and Type of Battery</b>	Free, but must be securely mounted and if located within the cabin, must be contained within a suitable battery box.	As for Type One.	IAW Sports Sedan or Marque Sports cars regulations.
<b>Bodywork and Dimensions: Vehicle Derivation</b>	Eligible Fiat Group vehicle using a Fiat Family engine and mechanicals from the Fiat Group.	Eligible Fiat Group vehicle using a Fiat Family engine and mechanicals from the Fiat Group.	Any Fiat Group Body or silhouette, using any Fiat Group Engine. Other mechanicals free.
<b>Fiat Group Engine - modifications HEAD.</b>	The original head for the model is to be used. Valve springs, valves, ports, valve seats or combustion chambers must be standard except for standard blueprinting practices and would only include the minor removal of metal.	Alternate heads from the Fiat Group may be used, permitting an increase in the number of valves per cylinder. Camshaft profiles are free. Valves and their springs are free but their actuation must be as for the original vehicle. Ports may be flowed but only by the removal of material. Valve seats are free. Combustion chambers are free save that any change is only by the removal of metal. CAM wheels are free. Unless fitted as standard, forced induction of any type may not be fitted.	IAW Sports Sedan or Marque Sports cars regulations, save that the engine must be derived from a Fiat Group vehicle.
<b>Fiat Group Engine - modifications BOTTOM END</b>	The capacity of the engine for that model is to remain unchanged. The bottom end of the engine may be reconditioned to manufacturers specifications, including blueprinting and balancing using standard practices and only include the minor removal of metal. Pistons and rods are to remain standard except for blueprinting latitudes, rings shall remain standard style (i.e. not gapless), but engine bearings are free. Oil pressure can be modestly increased by a washer adjustment under the oil pump relief valve. All other internal engine components are to remain standard.	The engine block must retain the same number of cylinders and orientation within the engine bay as standard. A block of larger size may be used but must be from within the Fiat Group. Pistons, rings, rods and bearings are free. The crankshaft centreline must remain unchanged. If the permitted changes to bore and stroke result in the engine capacity being increased beyond the standard class, then the vehicle will be placed in the higher class equating to the engine's new actual capacity. Unless fitted as standard, dry sumping is not permitted. The location of the original engine mounts must be respected otherwise the type of mount is free. The cross member must remain standard especially given the location of the engine, save that it may be strengthened via the addition of metal.	IAW Sports Sedan or Marque Sports cars regulations, save that the engine must be derived from a Fiat Group vehicle. Forced induction is permissible and a multiplying factor of 1.7 times the engine capacity will be applied.

<b>Engine - carburettor</b>	A car model originally fitted with carburettors can not install Fuel Injection. It is permissible to fit multiple carburettors up to one choke per inlet port. The carburettor(s) must be of a period make and type. The internal diameter of the inlet manifold may be dressed using hand or machine tools.	Carburettors are Free. Fuel injection of any type may be fitted. The engine program must not be adjustable from within the car whilst in competition.	IAW Sports Sedan or Marque Sports cars regulations.
<b>Engine - Fuel Injection</b>	A car model originally fitted with fuel injection must retain the type and make of injection as originally fitted (electronic can not be swapped for mechanical). ECUs (if used) are to remain unmodified. Sensors and injectors are to be as originally fitted. Standard inlet manifold to be used.	Fuel injection is interchangeable with carburettors. Fuel injection of any type may be fitted. The engine program must not be adjustable from within the car whilst in competition.	IAW Sports Sedan or Marque Sports cars regulations.
<b>Engine - Other</b>	Blue printing - free Baffled sump - free Air filter - free Plugs, leads, points - free Radiator - as for original Drive belts & hoses - free Oil cooler - free Electronic ignition - free Engine oils & fluids - free.	As for Type One. Except that radiators are free so long as they use the original vehicle radiator mounting points without modification to the mounts themselves.	IAW Sports Sedan or Marque Sports cars regulations.
<b>Exhaust</b>	Free from exit of exhaust port, but must be complete to rear of vehicle and have adequate muffling and conform to noise rating restrictions.	As for Type One	IAW Sports Sedan or Marque Sports cars regulations.
<b>Transmission</b>	Standard original transmission for the model to be used. Oil used - free.	An alternate transmission from within the Fiat Group may be interchanged with the original transmission and must attach to the engine using the standard mount holes but any replacement box must remain standard in its internal configuration and operation. Fiat Group gear sets and ratios are interchangeable and must be utilised. Special cut gears are not permitted. An oil cooler and pump may be fitted. A replacement gearbox as described above can only be fitted with minor reshaping to the gearbox tunnel.	IAW Sports Sedan or Marque Sports cars regulations.
<b>Clutch and Flywheel</b>	Standard flywheel to be used but may be balanced and lightened. Clutch linings free but must utilise the standard type of clutch and pressure plate.	The standard flywheel must be used and can be balanced and lightened. The clutch plate type and linings are free. The standard style of pressure plate must be used and the diameter respected, but spring force is free. Multi plate clutch and pressure packs are not permitted. Hydraulic actuation may replace cable actuation.	IAW Sports Sedan or Marque Sports cars regulations.
<b>Steering</b>	The steering is to remain as per original configuration.	Rack and pinion may replace steering boxes so long as the rack and pinion is a component sourced from the Fiat Group parts bin.	IAW Sports Sedan or Marque Sports cars regulations.
<b>Suspension</b>	The suspension is to remain as per original configuration. The location of suspension mounting or pivot points are not to be altered. The shock absorbers may be replaced with after market shock absorbers that are of the same type and operating principle and must use the standard mounting points (e.g Koni's). Coil overs not permitted, unless originally fitted. Springs may be replaced or modified but the type, location and operation of spring must be as per standard configuration. All rubber bushes in the suspension are free and if replaced can only be replaced with polymer bushes. Sway bar (if fitted) must use the original mount points and hardware, but diameter is free.	As for Type One. Front and rear anti-roll bars may be added or removed. Stub axles, steering arms, hubs, bearings and tie rods are free but must be from an eligible Fiat Group vehicle, or recommended replacement. Macpherson strut top mounts are free using standard bodyshell mounts. A strut brace of free design may be placed between and linking the front suspension towers. Leaf spring shackles, spacers, lowering blocks and torsion bar ride height adjustment is free. Sway bars, their pivot points and linkages are free. On strut type suspensions where the sway bar acts as a caster control arm, only the thickness of the bar can be varied and no other suspension adjustment is permitted. With rear suspensions, the original style of differential housing and its method of attachment and operation must be respected. Spherical joints are not permitted. Longitudinal and lateral location of a solid rear axle must use original style trailing arms and panhard rods or leaf springs if used.	IAW Sports Sedan or Marque Sports cars regulations.

<b>Brakes</b>	Original brake configuration is to be used. The master cylinder must also remain as standard. Rubber hoses can be replaced with aero style braided hoses (check local registration rules). Disc or drums are as per standard fitment (allowing a 20% increase diameter and width and pad area) but cross drilling or grooving permitted if purchasable "off the shelf". Composition of pads and linings - free. Rear brake lights must be operated by the application of the brakes.	Brakes and discs are free, save that the swept pad area can not be increased by more than 20% over original fitment and the entire brake package must be easily contained within the wheel size limits below. Where the original caliper used a single piston, it may be replaced with an aftermarket two piston caliper. If original fitment calipers had more than one piston, the original number of caliper pistons must be respected. Master cylinders may be varied (type and number) to accommodate the different calipers - if used. A balance bar may be used, but it must not be remotely adjustable from the cockpit. An adjustable bias valve which regulates hydraulic pressure may be included in the line to the rear brakes. Composition of pads and linings - free. Rear brake lights must be operated by the application of the brakes.	IAW Sports Sedan or Marque Sports cars regulations.
<b>Wheel Size</b>	Increase in wheel diameter plus 2", and wheel width may be increased by up to 2" over standard. Offset - free. Standard steel or alloy wheels may be replaced with after market steel or alloy wheels within the restrictions above. Wheel attachment - free, i.e. bolts can be replaced with studs.	Wheel diameter may be increased by up to 3" over standard, wheel width may be increased by up to 3" over standard to a maximum of 8". Offset - free. Standard steel or alloy wheels may be replaced with after market steel or alloy wheels within the restrictions above. Wheel attachment - free, i.e. bolts can be replaced with studs.	IAW Sports Sedan or Marque Sports cars regulations.
<b>Tyres</b>	Road tyres only are to be used. 50% minimum aspect ratio unless the vehicle was fitted with a lower profile tyre as standard. Tyre width can not exceed the recommended maximum for the rim being used. At no time before the start of competition is a tyre allowed to demonstrate wear beyond the minimum tread depth allowed.	As for Type One except that a 40% minimum aspect ratio tyre can be used. R Spec competition tyres may be used. Slick tyres are not permitted. Tyre width can not exceed the recommended maximum for the wheel width being used. The tyre must begin competition with minimum tread depth or tyre pattern visible around the entire circumference. 	IAW Sports Sedan or Marque Sports cars regulations. However, the major difference being is that cars in this group are permitted to use tyres designated as "race only" or slicks. 
<b>Fuel</b>	Free - but must be available from a commercial automotive petrol station. Commercially available fuel supplements can be added to this fuel. E.g. octane boost in a bottle available via Repco etc...	Free - but must be available from a commercial automotive petrol station or Avgas supplier. Commercially available fuel supplements can be added to this fuel. E.g. octane boost in a bottle available via Repco etc...	IAW Sports Sedan or Marque Sports cars regulations.
<b>Differential</b>	Standard differential centre, banjo and housing for that model to be used. Limited slip, locking or locked diffs can only be used if fitted as original equipment, otherwise they are not permitted.	A LSD, locking or locked differential may be used. The diff centre is free and need not necessarily be from the Fiat Group e.g Toyota Hilux conversion. The standard diff housing may be modified to accommodate an alternate diff centre, respecting the limitations to the rear suspension set-up detailed above. Diff ratio is free.	IAW Sports Sedan or Marque Sports cars regulations.
<b>Minimum Requirements for Automobiles competing in a Speed Event</b>	<ul style="list-style-type: none"> <li>* be fitted with protection between engine and driver's compartment to prevent the passage of flame;</li> <li>* be so constructed to minimise the entry of foreign matter into the driving compartment from the road or road wheels</li> <li>* have each fuel tank vented externally to the bodywork;</li> <li>* if not registered for use on public roads, have any steering column locking device removed or disabled</li> <li>* have an adequate seat belt or where appropriate a safety harness in good condition and adequately secured</li> <li>* have any camera/video recorder attached to the automobile in a safe and secure manner</li> <li>* be fitted with two separate fastening systems on any front-opening panel; e.g. bonnet</li> <li>* be fitted with a fire extinguisher of a minimum weight of 0.9kg and attached securely within the cabin within reach of the driver</li> <li>* have a safety strap beneath the car floor so constructed that any longitudinal propeller shaft shall be protected from striking the ground;</li> <li>* be fitted with wheels and tyres of sound construction and condition</li> <li>* be fitted with an additional secondary return spring which in the event of any throttle linkage failure will close each throttle;</li> <li>* be fitted with a dual circuit braking system</li> <li>* be fitted with a driver-operable reverse gear save for automobiles</li> <li>* only fitted with laminated glass in any forward glass windscreen.</li> <li>* with bodywork which generally encloses the chassis frame and basic mechanical elements of the car</li> <li>* the car must be fitted with not fewer than two functional rear vision mirrors each of at least 50cm<sup>2</sup>;</li> <li>* have a fuel tank of safe and secure design</li> <li>* with visible towing points (capable of accepting a 40mm OD cylindrical test object) fitted to the front and rear of the car</li> <li>* any replacement seat must be of safe design, incorporate a head restraint, not have an adjustable squab</li> <li>* the replacement seat shall be mounted to the main structure by not fewer than four grade 8.8 bolts</li> <li>* if the replacement seat is mounted to unreinforced floor then backing plates of not less than 75mm x 50mm x 3mm thick are to be used;</li> <li>* Cars in the "Hot" and "Atomic" Categories and fitted with an electric fuel pump, the pump power must cut off when the engine stops</li> <li>* Cars in the "Hot" and "Atomic" categories shall be equipped with a battery isolation (master) switch this switch will isolate the battery and stops the engine and capable of being operated by the seated driver</li> <li>* All cars will display a blue triangle of sides 150mm indicating the location of the battery.</li> </ul>		
<b>Minimum Requirements for Drivers competing in a Speed Event</b>	<ul style="list-style-type: none"> <li>* Helmets shall conform to Australian Standard AS1698</li> <li>* Clothing from ankles to neck to wrists. Clothing of flammable synthetic material, such as nylon, is not acceptable.</li> <li>* Shoes with leather uppers that cover the foot.</li> </ul>		