

RMVR exceptions to 1972 GCR (A, B, C Production Cars and A Sedans)

7/18/2018

(2.1.D)

Cars will comply with the 1972 SCCA PCS except for approved modifications listed in the 1972 SCCA GCR and/or the RMVR exceptions listed below and summarized in Table 1 and Table 2 below.

(2.1.D)

The car must be made of original body material (see Table 1 below).

(2.1.D)

The applicant may be asked to supply documentation to support any modification that may be questioned by the eligibility committee. (In general, any race modifications should be appropriate to the era of eligibility and approved, in ascending order, by FIA, SCCA, PCS, GCR, with RMVR rules overriding all other rules.)

(2.2.A)

Roll bars/roll cages: not allowed to go through the firewall and tie to the front suspension tie points (i.e. shock towers).

(2.2.A)

Interior and dash "free" to drivers' comfort and convenience. (Eligibility recommends that interior "bare" panels be covered in some manner so that the car has a finished look that is more in keeping with vintage racing.)

(2.2.A)

All loose items must be removed for racing.

(2.2.A.3)

Refer to RMVR Safety Regulations for fuel cell requirements.

(2.2.A.5)

Closed cars must have a front windshield and rear window made of glass or plastic.

(2.2.A.5)

Wipers, heaters, and accessory items are "free".

(2.2.A.6)

Grill must be factory original or reproduction.

(2.2.A.6)

Front glass lights must be taped for racing.

(2.2.A.6)

One brake light must work.

(2.2.A.6)

Doors must hinge but may be bolted shut.

(2.2.B.1)

Tires: For A and B Production, and A Sedan classes- only bias-ply, molded tread vintage racing tires are allowed. Specifically, those tire manufacturers and models listed for SVRA Group 6 cars as of February 2017 (see Table 3). Tire size is governed by RMVR class-specific rules including body modifications, wheel size

and tire aspect ratio. Radial tires are allowed on Historic class cars provided that they are fully treaded, street-legal tires having 50 series or higher aspect ratio. For C Production- high quality, fully treaded street legal tires of 50 series or higher are permitted. Radial DOT tires having only traces of tread such as circumferential grooves or isolated areas of treading are not allowed. Alternatively, Goodyear Blue Streak racing tires or equivalent fully treaded vintage tires made by Avon, Hoosier and Dunlop are permitted. No slicks, 2/32" minimum tread. In no case are re-grooved or re-capped tires allowed.

(2.2.B.1)

A slight widening or change on the original fender shape may be permitted as long as it still conforms closely to the original body lines. (Any change to the fender lines must be approved by the eligibility committee.)

(2.2.B.1)

The spare tire and all loose items must be removed for race participation.

(2.2.B.2)

All wheel lug bolts or nuts must have a gripping area greater than the diameter of the lug.

(2.2.B.3)

Shocks are "free".

(2.2.B.8)

Suspension: original attachment points, original type. Sway bars are "free".

(2.2.C.1)

Crank fired ignition not allowed.

(2.2.C.1)

The generator or alternator may be removed.

(2.2.D.2)

Fuel pumps are "free".

(2.2.D.4)

Engine: original mounting and location.

(2.2.D.4)

Stroke may not be increased.

(2.2.D.4)

All cars will be moved up in class to reflect the increase in engine size.

(2.2.D.5)

Head flow must be directed as original.

(2.2.D.5)

All cars use cylinder heads appropriate for period of manufacture.

(2.2.D.5)

No current technology heads are allowed (e.g. small block Chevrolet slant plugs).

(2.2.D.5)

Engines over 2900cc must have factory original or replacement intake manifolds that comply with the intake manifold sections of Tables 1 and 2.

(2.2.D.6)

Internal engine modifications are "free".

(2.2.D.9)

Up to 1.02 mm overbore allowed.

(2.2.D.9)

Accurate cc displacement must be declared.

(2.2.D.12)

Exhaust must exit rear and away from the driver.

(2.2.D.14)

Transmission: original housing and original number of speeds, ratios are "free".

(2.2.D.15)

Fluid catch tank of at least 32 oz. is required on any fluid opening vented to the atmosphere.

(2.2.D.16)

Clutch is "free".

(2.2.D.17)

Differential ratio is "free" (no locked rear-end).

(2.2.D.18)

Suspension: original attachment points (original type sway bar is "free").

(2.2.D.20)

Dry sumps allowed.

(2.2.D.21)

Fluid catch tank of at least 32 oz. is required.

(2.3)

If engine size is increased then it is possible that the car classification will be moved up one or two classes. This is at the discretion of the eligibility committee.

Table 1: Summary of RMVR A, B, C Production Car Classifications

Item	1967 GCR: A/P, B/P, C/P	1967 GCR PLUS RMVR ADDITIONS: A/P-1, B/P-1, C/P-1	1972 GCR: A/P-2, B/P-2, C/P-2 1968- 1972	1972 GCR PLUS RMVR ADDITIONS: A/P-3, B/P-3, C/P-3 1968-1972
Wheels	67 GCR	67 GCR/RMVR	72 GCR	15 x 10 max (Note 6)
Camshaft	67 GCR	Free	72 GCR	free
Cylinder heads	67 GCR	Note 1	72 GCR	Note 1
Oil system	67 GCR	Free	72 GCR	free
Brakes	67 GCR	Note 2	72 GCR	Note 2
Clutch	67 GCR	Free	72 GCR	free
Transmission	67 GCR	67 GCR/RMVR	72 GCR	72 GCR/RMVR
Ignition	67 GCR	67 GCR/RMVR	72 GCR	72 GCR/RMVR
Head lamps	67 GCR	Can be Removed	72 GCR	Can be Removed
Windshield	67 GCR	67 GCR/RMVR	72 GCR	72 GCR/RMVR
Intake Manifold	67 GCR	Dual Plane, no air gap, period manifold	72 GCR	Free
Body Materials	67 GCR	67 GCR/RMVR	72 GCR	Note 3
Flared Fenders	67 GCR	Note 4	72 GCR	Note 5
Roll cage	67 GCR	67 GCR/RMVR	72 GCR	72 GCR
<p>This table is a summary of RMVR rules and does not replace those rules. Race participants are required to become familiar with the specific rules for their class.</p> <p>Note 1: 67 or 72 GCR rule cylinder heads or World Products S/R (street replacement) cast iron factory replacement Ford and Small Block Chevy.</p> <p>Note 2: Original type and size, with master cylinder free.</p> <p>Note 3: Alternate materials allowed with 72 GCR or FIA rules.</p> <p>Note 4: Panels may be "bowed" to accommodate allowed tires and wheels. No changing of original wheel opening shape or obvious IMSA type flares.</p> <p>Note 5: Panels may be "bowed" or mild fender lip flares to accommodate allowed tires and wheels. No IMSA type panels.</p> <p>Note 6: 8" max for Porsche.</p> <p>All other items in question to be determined by applicable rules of the original GCRs, RMVR, OR FIA. Any 1967 or earlier car may be updated up to 1967 (engine change may result in class change). 1968 and newer may be updated to the 1972 GCR.</p> <p>Rev 7/18/2018- removed tire line from table</p>				

Table 2: Summary of RMVR A Sedan Classifications

Race Car Component	A/S Class	A/S-1 Class	A/S-2 Class	A/S-3 Class
Model year	1967 or earlier	1967 or earlier	1968 thru 1972	1968 thru 1972
Engine	5 liter max (5)	5 liter max (5)	5 liter max (5)	5 liter max (5)
Wheels	Maximum 15"x 8" or FIA maximum	Per recognition form	14" or 15" diameter 8" maximum width	Maximum 15"x10"
Camshaft	No roller cam/ rockers free	Free	Per recognition form/ rockers free	Free
Cylinder Heads	Period factory or World Products S/R replacement	Period factory or World Products S/R replacement	Period factory or World Products S/R replacement	Period factory or World Products S/R replacement
Oil System	Wet sump only	Free	Free w/1972 GCR limits	Free
Brakes	Period factory per RMVR/ linings free	Original configuration and size. Master cylinder and linings free	Free but mounted in factory position	Free
Transmission	Per recognition form	Per recognition form	Per recognition form	Per recognition form
Ignition	Free per 67 GCR	Free per 67 GCR	Per recognition form	Per recognition form
Headlights	Headlights required/ signal lights may be removed/ lens protection per RMVR	Removed or covered/ lenses must be protected per RMVR	Removed or covered per 72 GCR and RMVR	Removed or covered/ lenses must be protected per RMVR
Windshield	Wiper assembly must be complete	Glass or plastic per RMVR	Safety clips and wiper mechanism required	Safety clips and wiper mechanism required
Intake Manifold	Per recognition form or approved replica	Dual plane, no air gap	Period manifold or approved replica	Free
Body Materials	Per recognition form/ bumpers may be removed or replaced	Per recognition form	Per recognition form/ spoilers per 72 GCR	Alternate materials per 72 GCR or 72 FIA
Flared Fenders	None/panels may be bowed/retain wheel opening shape	None/panels may be bowed/retain wheel opening shape	None/must retain wheel opening profile	Same as A/S-1 but mild fender flares allowed/ no IMSA flares
Roll Cage	Recommended	Recommended	Recommended	Recommended
Coachwork	Seats free/ visors, headliner, carpet may be removed per RMVR	Free	Seats free/ floor mats, headliner, door & window hardware can be removed per 72 GCR	Free
Scattershield	Required	Required	Required	Required
Clutch	Original single	Free	Free per 1972	Free

Race Car Component	A/S Class	A/S-1 Class	A/S-2 Class	A/S-3 Class
	disk type/lining		GCR	
<p>Notes:</p> <p>1) This table is a summary of RMVR rules and does not replace those rules. Participants are required to become familiar with the specific rules for their class.</p> <p>2) Components shall be those provided by the factory for the car except as otherwise noted.</p> <p>3) Requirements for A/S and A/S-1 classes are described in the SCCA 1967 GCR with RMVR exceptions.</p> <p>4) Requirements for A/S-2 and A/S-3 classes are described in the SCCA 1972 GCR with RMVR exceptions listed within this document.</p> <p>5) 1.02 mm overbore or 5 liter displacement, whichever is less.</p>				

Table 3: SVRA Supplemental Tire Regulations (Revision Date 2/2017)

Group 6 - Molded Treaded Tires	Approved Tires: List per Make and Model is Listed below:				
Wheels and Tires:	MAKE	MODEL	PRODUCTION PERIOD	CLASS	TIRE GROUP
Tires may not extend beyond the fender opening at the highest point of the tire.	AC Cobra	289		(BP)	a, b
	AC Cobra	427		(AP)	a, b, c
	AMX	290, 343,		(BP)	a, b
	Sports Coupe	360, 390			
Specifically Prohibited for Group 6:	AMC	Javelin	1968-69	(TA)	a, b
	AMC	Javelin	1970-72	(TA)	a, b, c
Any tire not listed in the Approved Tire list	Aston Martin	DB4, DB5		(BP)	a.
Wheels may be of an alternate material but must be of period design. They must be the correct diameter and width as specified within the Make and Model Regulations.	Chevrolet	Corvette 396, 427	1965-67	(AP)	a, b, c, d
	Chevrolet	Corvette 427, 454	1968-72	(AP)	a, b, c, d
	Chevrolet	Corvette 327	1963-67	(BP)	a, b
	Chevrolet	Corvette 350	1968-69	(BP)	a, b, d
	Chevrolet	Corvette 350	1970-72	(AP)	a, b, c, d
Approved DOT Tires:	Chevrolet	Camaro	1967-69	(TA)	a, b
Any Treaded, DOT approved Tires with a UTQG of 100 or greater with appropriate Speed Rating and a minimum Aspect Ratio of 60	Chevrolet	Camaro	1970-72	(TA)	a, b, c
	Dodge	Dart		(AS)	a, b
	Dodge	Challenger	1968-72	(TA)	a, b, c
	Ferrari	250/275 GT, GTO		(BP)	a.
	Ferrari	365 GTB/4, 375		(BP)	a, b
	Ford	Falcon		(AS)	a, b
	Ford	Mustang	1964-67	(AS)	a, b
	Ford	Mustang	1968-69	(TA)	a, b
	Ford	Mustang BOSS 302	1970-72	(TA)	a, b, c

Ford	Mustang BOSS 429	1970-72	(AP)	a, b, c
Griffith	200/400		(AP)	a, b
Jaguar	XKE	1962 +	(AP + BP)	a.
Mercury	Cougar	1966-67	(AS)	a, b
Mercury	Cougar	1968-69	(TA)	a, b, c
Plymouth	Valiant, Barracuda	1964-67	(AS)	a, b
Plymouth	Barracuda	1968-72	(TA)	a, b, c
Pontiac	Firebird	1967-69	(TA)	a, b
Pontiac	Firebird	1970-72	(TA)	a, b, c
Porsche	904 GTS (2L)		(BP)	e.
Shelby	GT 350	1965-67	(BP)	a, b
Shelby	GT 500		(AP)	a, b, c
Tire Group (a):		Tire Group (b):		
Dunlop M Series		Goodyear 5.50, 6.00 & 7.00-15		
Goodyear 5.50 & 6.00-15		Vintage S.C. Special		
Vintage S.C. Special		Hoosier 275/60D-15 Street TD		
Hoosier 225/50D, 225/60D, 245/60D-15 Street TD		Hoosier 26.5/9.5-15 Street TD		
		Hoosier 25.5/8.5-15 Street TD (front wheels only)		
Tire Group (c)		Tire Group (d)		
Goodyear 8.00-15 Vintage Sports Car Special		Hoosier 245/45-15 Street TD (front wheels only)		
Hoosier 25.5/10.00-15, 27.5/11.00-15		Hoosier 25.5/8.5-15 Street TD (front wheels only)		
Street TD				
		Tire Group (e) May use Group 8 Tire Regulations.		