

RACING MEMO

ISSUED: January 05, 2021

NUMBER: RM 21-01

FROM: Board of Directors

TO: All Participants

SUBJECT: GT2/ST Corvette year/model clarifications Letter #30192

To address Errors & Omissions in the January 2021 Fastrack letter #30029, spec lines depicting the model/year/engine configurations for the C6 and C7 Corvette in GT2/ST need to be split for clarification.

GT2/ST	Max. Displacement	Min. Weight	Restrictor	Notes
Chevrolet Corvette (-2013)	5733	2950		GM V-8 engines with OEM specs 4.00" bore x 3.48" stroke; e.g., LT1, LT4, L98, etc
	6178	3150		GM LT1/LT4/L98 (only), with alternate 3.75" stroke crankshaft. Max stroke 3.75", max bore 4.04".
	5665	3000	75mm flat plate	GM LS1, LS6. LS1/LS6 C6 Corvettes using the OEM C6 intake manifold and 90 mm throttle body must use a 75mm flat plate restrictor. OEM 75mm throttle body and manifold do not require a restrictor. LS6 may reduce weight by 50 lbs. LS1/LS6 alternate intake manifold, DORMAN part # 615-900.
	LS2 59 67	3000	75mm flat plate	GM LS2. May use the LSX cast iron block with OEM LS2 bore and stroke.
	L76 59 67	3000	73mm flat plate	GM L76. May use the LSX cast iron block with OEM LS2 bore and stroke.
	6162	3000	74mm flat plate	Stock OEM LS3. Maximum camshaft lift: intake 8.24 mm, exhaust 7.85mm the LS376/430 (STK Cam) is the only legal cam.; rocker arm ratio 1.70:1; maximum compression ratio 10.7:1; cylinder heads must be as delivered from the factory.
	6162	3250	71mm flat plate	GM LS3
	6162	3250	68mm flat plate	GM LT1
	7011	3250	65mm flat plate	GM LS7
	7011 OEM	3275		Stock OEM LS7. OEM valve lift and compression. Cylinder heads must be as delivered from the factory. Must present factory shop manuel upon request.
<p><i>The top 12 inches of the firewall must be covered with metal or reflective heat shielding material. The OE firewall may also be replaced with a metal panel running between the A-pillars. For Chevrolet Corvette Z06, carbon fiber lip, APR performance part number FA-208026 is permitted. World Challenge body work for C6 Corvette Advanced Composite Products: Deck lid (p/n:C6/A0028), door (RH) (p/n:C6/A0030), door (LH) (p/n:C6/A0031), front fascia (p/n:C6/A0001), rear fascia (p/n:C6/A0011), rear fender (LH)(p/n:C6/A0009), rear fender (RH)(p/n:C6/A0010), front fender (LH)(p/n:C6/A00-L), front fender (RH)(p/n:C6/A00-R), left front mounting rail (p/n:C5A0015-L), right front mounting rail (p/n:C5A0015-R), headlight mounting panel (LH)(p/n:C6/A0018-L), headlight mounting panel (RH)(p/n:C6/A0018-R), headlight cover (RH)(p/n:C6/A0040-WC), headlight cover (LH)(p/n:C6/A0041-WC), hood (p/n:C6/A0021), instrument panel (p/n:C6/A0032), roof (p/n:C6/A0027), rocker (LH)(p/n:C6/A0005), rocker (RH)(p/n:C6/A0006), rear spoiler (C6/A00013), front under tray (p/n:C6/A0022), rear wing (p/n:C6R-1272; 72.25 inches wide including endplates/fasteners) may be used. Note: the max width of the front fascia and splitter is 1930mm (76") edge-to-edge as measured across the bottom of the splitter. LG Motorsports World Challenge Carbon Hood #1958 may be used. Deck lid (p/n:C5/A0028), door (RH) (p/n:C5/A0030), door (LH) (p/n:C5/A0031), front fascia (p/n:C5/A0001 or C5A/0002), rear fascia (p/n:C5/A0011), rear fender (LH)(p/n:C5/A0009), rear fender (RH)(p/n:C5/A0010), front fender (LH)(p/n:C5/A0048-L), front fender (RH)(p/n:C5/A0048-R), left front mounting rail (p/n:C5A0015LT), right front mounting rail (p/n:C5A0015RT), headlight mounting panel (LH)(p/n:C5A0018-L), headlight mounting panel (RH)(p/n:C5/A0018-R), hood (p/n:C5/A0029), instrument panel (p/n:C5/A0032), roof (p/n:C5/A0027), rocker (LH) (p/n:C5/A0005), rocker (RH)(p/n:C5/A0006), rear spoiler (C5/A00013), front under tray (p/n:C5/A0022), rear wing (p/n:C5/A0012-CF-72") may be used. Black Dog W/C carbon fiber nose for Corvettes part#BDWC-FFSCX-CKP-P. Must be an exact OEM duplicate part.</i></p>				

Note: Cars must comply with 2012 STO rules as stated in Appendix K of the GCR. Engine Displacements in this table are nominal. Each competitor shall have available definitive documentation (e.g., factory manual) of the original displacement for the engine used. Sicks allowed on all GT2/ST cars with a 100-pound weight penalty.

GT2/ST	Max. Displacement	Min. Weight	Restrictor	Notes
Chevrolet Corvette C7(14-19)	LS2 5967	3100 <i>effective 3/1/2021</i>	75mm flat plate	GM LS2. May use the LSX cast iron block with OEM LS2 bore and stroke.
	L76 5967	3100 <i>effective 3/1/2021</i>	70mm flat plate	GM L76. May use the LSX cast iron block with OEM LS2 bore and stroke.
	6162	3100 <i>effective 3/1/2021</i>	74mm flat plate	Stock OEM LS3. Maximum camshaft lift: intake 8.24 mm, exhaust 7.85mm the LS376/430 (STK Cam) is the only legal cam.; rocker arm ratio 1.70:1; maximum compression ratio 10.7:1; cylinder heads must be as delivered from the factory.
	6162	3300 <i>effective 3/1/2021</i>	71mm flat plate	GM LS3
	6162	3300 <i>effective 3/1/2021</i>	68mm flat plate	GM LT1
	7011	3300 <i>effective 3/1/2021</i>	65mm flat plate	GM LS7
	7011 OEM	3325 <i>effective 3/1/2021</i>		Stock OEM LS7. OEM valve lift and compression. Cylinder heads must be as delivered from the factory. Must present factory shop manual upon request.
<p>The top 12 inches of the firewall must be covered with metal or reflective heat shielding material. The OE firewall may also be replaced with a metal panel running between the A-pillars. For Chevrolet Corvette Z06, carbon fiber lip, APR performance part number FA-208026 is permitted. World Challenge body work for C6 Corvette Advanced Composite Products: Deck lid (p/n:C6/A0028), door (RH) (p/n:C6/A0030), door (LH) (p/n:C6/A0031), front fascia (p/n:C6/A0001), rear fascia (p/n:C6/A0011), rear fender (LH)(p/n:C6/A0009), rear fender (RH)(p/n:C6/A0010), front fender (LH)(p/n:C6/A00-L), front fender (RH)(p/n:C6/A00-R), left front mounting rail (p/n:C5A0015-L), right front mounting rail (p/n:C5A0015-R), headlight mounting panel (LH)(p/n:C6/A0018-L), headlight mounting panel (RH)(p/n:C6/A0018-R), headlight cover (RH)(p/n:C6/A0040-WC), headlight cover (LH)(p/n:C6/A0041-WC), hood (p/n:C6/A0021), instrument panel (p/n:C6/A0032), roof (p/n:C6/A0027), rocker (LH)(p/n:C6/A0005), rocker (RH)(p/n:C6/A0006), rear spoiler (C6/A00013), front under tray (p/n:C6/A0022), rear wing (p/n:C6R-1272; 72.25 inches wide including endplates/fasteners) may be used. Note: the max width of the front fascia and splitter is 1930mm (76") edge-to-edge as measured across the bottom of the splitter. LG Motorsports World Challenge Carbon Hood #1958 may be used. Deck lid (p/n:C5/A0028), door (RH) (p/n:C5/A0030), door (LH) (p/n:C5/A0031), front fascia (p/n:C5/A0001 or C5A/0002), rear fascia (p/n:C5/A0011), rear fender (LH)(p/n:C5/A0009), rear fender (RH)(p/n:C5/A0010), front fender (LH)(p/n:C5/A0048-L), front fender (RH)(p/n:C5/A0048-R), left front mounting rail (p/n:C5A0015LT), right front mounting rail (p/n:C5A0015RT), headlight mounting panel (LH)(p/n:C5A0018-L), headlight mounting panel (RH)(p/n:C5/A0018-R), hood (p/n:C5/A0029), instrument panel (p/n:C5/A0032), roof (p/n:C5/A0027), rocker (LH) (p/n:C5/A0005), rocker (RH)(p/n:C5/A0006), rear spoiler (C5/A00013), front under tray (p/n:C5/A0022), rear wing (p/n:C5/A0012-CF-72") may be used. Black Dog W/C carbon fiber nose for Corvettes part#BDWC-FFSCX-CKP-P. Must be an exact OEM duplicate part.</p>				

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