



Fifth Gear

February 2020



Toronto Autosport Club

2020 EXECUTIVE

PRESIDENT	Rob McAuley	(905) 399-9374	president@torontoautosportclub.ca
VICE-PRESIDENT	Paul Moore		vicepresident@torontoautosportclub.ca
TREASURER	Rita Moore		treasurer@torontoautosportclub.ca
SECRETARY	Ingrid Beck		secretary@torontoautosportclub.ca
COMPETITION DIRECTOR	Graham Tulett	(905) 828-0245	competition@torontoautosportclub.ca
SOCIAL DIRECTOR	(position vacant)		

2020 COMPETITION COORDINATORS

TIMEATTACK /SOLO-I	Gary Vernon
AUTOSLALOM /SOLO-II	Keith Hui

2020 COMMITTEE REPRESENTATIVES

RALLYSPORT ONTARIO	(position vacant)	
MEMBERSHIP	Paul Moore	registrar@torontoautosportclub.ca
WEBMASTER	Brooke Jacobs	(905) 764-1833 brooke@brooke.net

Club Mailing Address: 18759 Kennedy Road, RR1, Sharon, On, L0G 1V0

The TAC MOTORSPORT CLUB OF TORONTO Incorporated, (known as the "Toronto Autosport Club") is a general interest motorsport club involved in rallying, Solo I, Solo II, ice racing, road racing and social events. Club Meetings are held on the third Wednesday of each month (**except August & December**) at 8:00 p.m. at "Turtle Jacks Muskoka Grill", 925 Dixon Road (at Carlingview), Etobicoke .

GUESTS ARE ALWAYS WELCOME !

FIFTH GEAR is the monthly publication of the Toronto Autosport Club. Articles concerning Club members' activities are of special interest and members are encouraged to submit their writings to any member of the Executive or send them to the Editorial Offices. Past issues of FIFTH GEAR are posted for viewing on the club website.

FIFTH GEAR is normally published on the Tuesday preceding the second Wednesday of each month. Certain scheduling changes will be made to accommodate major motorsport events which are of interest to the members.

DISCLAIMER

Opinions and views expressed in this newsletter are for entertainment purposes, are those of the individual writers and do not necessarily reflect the opinions and views of the TAC MOTORSPORT CLUB OF TORONTO, its Executive members, or affiliated governing bodies such as CASC-OR, CARS, RSO, or the ASN (Canada) FIA.

FIFTH GEAR Editors: Nick & Ingrid Beck
280 Ridgefield Cres., Maple, Ontario L6A 1J6
Editorial: phone: (905) 832-8012
Email: fifthgear@torontoautosportclub.ca

Please contact the Executive member(s) directly or through the Club Address listed above, for matters not pertaining to FIFTH GEAR.

Advertising rates (per year) : \$150/full page; \$75/half page; \$25/business card size

Toronto Autosport Club is proud to be affiliated with the following sanctioning bodies:



From The President's Desk

Happy Valentine's Day!

I hope you are doing something with your sweetheart (car or significant other). I know many people will be taking in the Canadian International Auto Show over the Family Day weekend, and I've just returned from the press preview. Yes, FIFTH GEAR is a bonafide media publication!

Media Day is a great way to see the show.

They feed you breakfast, and each car company gives a presentation on what they're unveiling at the show. There are only a few hundred people, instead of the thousands that are usually there. Over 300,000 people are expected this year! They select the AjAC cars of the year, and this year, Toyota showed their TS050 LeMans winning prototype at the opening session.

During the opening session, we saw the Mazda 3 win car of the year over a Porsche 911 and Mercedes "A" class. The Mazda 3 is one of the few entry level cars that still lets you order a manual transmission. No wonder they are so popular at Time Attack and Autoslalom.

The Jaguar I-Pace won in the SUV/Truck class over the RAM pickup and KIA Telluride. The Jag also won last year, making it the first vehicle to win 2 years in a row! Now I thought only significantly changed vehicles were eligible, so I guess things in the electric car world are evolving quickly!

2016 Toyotas won an award for the highest retained value after 4 years. They had an average retained value of 57% of their purchase price. Their cars were good, and their SUVs were better. Porsche had the highest retained value for sports cars.

During the Toyota LMP presentation, they brought out former F1 driver Alex Wurst. He talked about how he was inspired to get into cars and racing after going to the Vienna auto

show when he was 10 years old. I had a chance to interview him later at the Toyota booth, where I found him just standing around all by himself!

His current role is Driver Coordinator, where he makes sure the drivers are working efficiently with their engineers. They have 2 cars, with 3 drivers for each. All the drivers are ex-F1 (including Alonso), Indy, or Touring Car. The 2 cars are free to race without team orders - until the final pit stop. Then they have to hold position.

The current season ends with the race at LeMans. Toyota have finished 1-2 in most races. Their cars are hybrids, and, although they are faster than they were 10 years ago, they are using 50% less fuel, thanks to the hybrid technology.

Next year, Toyota will introduce a new car - the TSX - in the European LeMans series Hypercar class. It will also be available to privateers if you want to race against your heroes! Although IMSA doesn't have such a class for the North American series, Alex expects the rule sets to merge in 2022, so we'll see the same cars here and the rest of the world. I invited him to drop by our TAC Corral the next time he's at Mosport for the IMSA race, but said that he was busy that day.

Each other manufacturer had their own unveilings. Many were troubling. Nissan had HUGE HYPE over their re-issue of the Versa. It features over 100HP and 112ft-lbs of torque! I walked out to grab some photos of a car from the Nissan Micra Cup. The car was a bit beat up, but you know the racing will be close!

Chrysler unveiled their new Pacifica. The best part of their presentation was an extended version of the Bill Murray Super Bowl Groundhog Day Jeep ad.

...Continued

The Subaru booth filled early as people bailed on Nissan & Chrysler, skipped Kia, and pushed forward to see the BRZ ts Special Edition. This isn't as special as the 2018 model, as most of the body-work is stock. They have upgraded the suspension and added some colour accents. Still, it is a very reasonable CDN\$33,795, and only 50 are available across Canada.

GM unveiled the same vehicle 4 times, under 4 different brands: Cadillac Escalade, Chevy Tahoe & Suburban, and the GMC Yukon. I

used this time to check out the Acura, Audi and BMW booths, as well as McLaren & Aston Martin. The Astons are pretty, but the production car I'd like to drive away with is the McLaren Senna. They have a special Canadian edition out to celebrate that Canada is one of their top markets. I think Wife-Sue would look really good in one!

Rob McAuley
TAC President



Alex Wurst says that Brad Pitt is a lousy race driver, and the President of Toyota is much better - but he had to say that, didn't he?

TAC 2020 EVENTS CALENDAR

<u>DATE</u>	<u>CATEGORY</u>	<u>EVENT DESCRIPTION</u>	<u>CLUB</u>
February 2020			
15/16	Ice Race-Minden	Ice Race, Minden Fairgrounds	TLMC
15-16	Rally-ORRC	ORRC - Polar Bear Rally, Bancroft	MLRC
19	Meeting	TAC Monthly Club Meeting, Turtle Jack's, 925 Dixon Road	TAC
22/23	Ice Race-Minden	Ice Race, Minden Fairgrounds	TAC
29/1	Ice Race-Minden	Ice Race, Minden Fairgrounds, RAIN-DATE	
29	Rally-ORRC	ORRC - Frostbite Rally, Kitchener Area	KWRC

March 2020

7/8	Ice Race-Minden	Ice Race, Minden Fairgrounds, RAIN-DATE	
13-15	F1	AUSTRALIAN GRAND PRIX (Melbourne)	
15	INDY	Firestone Grand Prix of St. Petersburg	
18	Meeting	TAC Monthly Club Meeting, Turtle Jack's, 925 Dixon Road	TAC
20-22	F1	BAHRAIN GRAND PRIX (Sakhir)	

April 2020

3-5	F1	Vietnam Grand Prix	
5	INDY	Honda Grand Prix of Alabama Barber Motorsports Park - Birmingham, AL	
15	Meeting	TAC Monthly Club Meeting, Turtle Jack's, 925 Dixon Road	TAC
17-19	F1	CHINESE GRAND PRIX (Shanghai)	
19	INDY	Acura Grand Prix of Long Beach	
25	Rally-ORRC	ORRC - Spring Run-Off Rally	PMSC
26	INDY	AutoNation INDYCAR Challenge Circuit Of The Americas - Austin, TX	

May 2020

1-3	F1	Dutch Grand Prix (Netherlands)	
2	Rally-OPRC	OPRC - Lanark Highlands Forest Rally, McDonalds Corners	MCO
8-10	F1	GRAN PREMIO DE ESPAÑA (Catalunya)	
9	Rally-ORRC	ORRC - Blossom Rally, (Kitchener)	KWRC
9	INDY	GMR Grand Prix, Indianapolis Motor Speedway	

More events to appear as 2020 Schedules are released.

For more information on any event, please contact the organizing club or sanctioning body directly.

TIME TO COME OUT OF HIBERNATION!



The 2020 TAC Ice Race weekend is almost here! February 22nd and 23rd, 2020 Minden Fairgrounds

This is the premier racing event of the winter season. Where else can you see cars racing, door handles interlocked, around a 1.3 km ice track?

TAC is looking for volunteers and spectators for the hottest racing on ice. Volunteers will be compensated for one night's (reasonable) accommodation and a food/gas allowance. There are no special skills required.

Spectating is FREE! Racing starts at 9 am on Saturday and noon on Sunday and runs until the schedule is complete (usually around 4 pm).

If you wish to volunteer, please let me know at vicepresident@torontoautosportclub.ca .

Spectators, see you at the track!



BICKNELL
RACING PRODUCTS
 117 Cushman Rd - St.Catharines, ON



CSC 1500
ECONO CAGE \$ 457.18



CSC 1503
CHUMP CAR KIT \$ 492.34

CSC 1605
GENERIC SEAT MOUNT KIT



\$ 112.46



CSC 2000
MIATA
ROLL BAR KIT
\$ 682.25

WE OFFER:

- * Universal front and rear support kits *
- * Many styles of weld on plates for unibody *
- * All cages come with gussets & instruction sheet *
- * All cages are standard 1-34 .095 ERW tubing *



HANS DEVICES

Starting at **\$606.00**



HELMETS Starting at \$377.95



Hoosier
 TIRE CANADA

Asphalt Oval, ATV, Dirt Oval, Drag Race, Kart, Midget & Road Race Tires

Everything racing from A to Z

In stock items available for same day shipping!

CAGES & MANUFACTURING: 905-685-4291

PARTS, SAFETY EQUIPMENT & TIRES: 905-685-7223

OR SHOP ONLINE AT WWW.BICKNELLRACINGPRODUCTS.COM

Rob at the Toronto Auto Show

You can smell
the testosterone
in this display!



Hyundai is featuring their
race cars

On The Cover

Someone had more fun in
this car than any other car
at the show!

When your Hummer just
won't do





Other than Toronto, Ontario, EVERY MAJOR CITY THAT APPEARS ON THE LIST OF THE WORLDS GLOBAL FINANCIAL CENTRE INDEX (GFCI) IS SERVICED BY A PRIVATE MOTORSPORTS RESORT & COUNTRY CLUB.

WE'RE CHANGING THAT.



PRIVATE 4.1 KM ROAD COURSE



WATERFRONT LIVING IN COTTAGE COUNTRY



RESORT HOSPITALITY FOOD & BEVERAGE



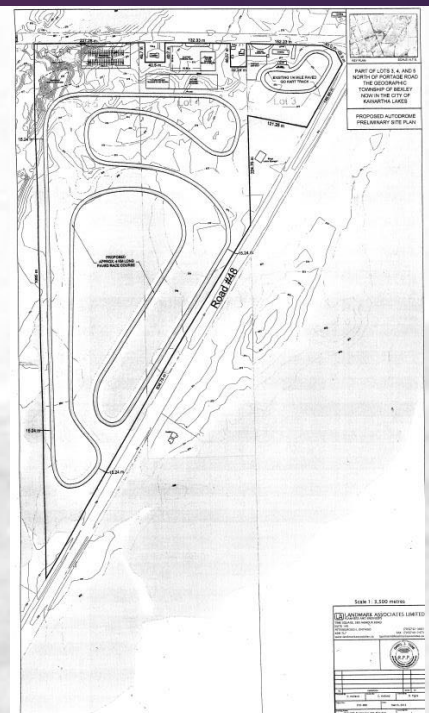
FULL-SERVICE SPA & FITNESS

PLEASE CONTACT US FOR MORE INFORMATION AND AN OPPORTUNITY TO RESERVE YOUR LIFETIME MEMBERSHIP WITH RAVEN RACE RESORT.

WWW.RAVENRACERESORT.COM

1-(833)-487-2836 EXT. 2

Raven Race Resort
228 Blanchards Road
Kawartha Lakes, Ontario





The Subaru BRZ tS Special Edition - only available in non-metallic White

When you need to make sure that everyone knows you're running with the GP package!



Alex Wurst tries to sell President Rob a used race car

BULLETIN 2020-01



Subject: Rule Changes – Administrative

Issue Date: January 29, 2020

Effective Date: Immediate

Rationale: Latest helmet standards added

11.1.6 Only helmets meeting one of the following standards will be accepted for competition in any performance rally and must be worn by all competitors when travelling in special stages:

- a) FIA Homologation FIA 8860-2004 (not valid after 2020.12.31)
 FIA 8860-2010
 FIA 8859-2015
 FIA 8860-2019
- b) Snell Foundation SAH 2010
 SA 2010
 SA 2015
 SA 2020

Rationale: updates on existing rules NRR -11.4.1.5 media licenses not required. can use single event licenses in future. 13.2.2 remove intent statement; -15.4.8 & 15.12.6 wrong official used

1. NRR 11.4.1.5 MEDIA LICENCE:

The CARS Director from the host region may issue a Media Licence, valid for a specific event, for the purpose of gaining media exposure for Rallying. The following rules apply:

- ~~(a) The licence is for co-driving only unless the applicant meets the requirements set out in 11.4.1.1(b) and (c).~~
 - ~~(b) The applicant must be a bona fide media representative or have recognized PR/Media value.~~
 - ~~(c) The applicant must be a member of a CARS club.~~
 - ~~(d) Only one Media Licence will be issued to any one individual in one calendar year.~~
- National Rally Regulations 35 2020
- ~~(e) No championship points shall be awarded to either member of the crew or the marque. (f) Holders of Media Licences are exempt from the first aid certification, but must submit a completed medical form.~~

2. NRR 13.2.2 Last sentence of second paragraph:

In addition, any special stage road chosen shall have no homes or building structures that could be struck by a rally vehicle during competition unless precautions have been taken to protect the structure (e.g. concrete barriers placed sufficiently distant from such structures and intended to contain the vehicle and prevent contact with the structure). ~~The intent of this rule is to prevent stages in built up urban centres from being used.~~

BULLETIN 2020-02



Subject: Subject: Rule Changes - Spectator area jumps and Rally sprint course design

Issue Date: January 29, 2020

Effective Date: For review, comments will be accepted until February 14, 2020

Rationale: NRR 13.2.3: The Administrative Rules Committee are recommending that greater attention be made to spectator jumps in rallies;

1. NRR 13.2.3 (New, re-number existing .3-.7) 13.2.3 Jumps

The design and use of spectator area jumps, natural or artificial, should include precautions to protect spectators and buildings in the vicinity of the jumps. Consideration must be given to the landing zone and potential for an out of control vehicle. Additionally, the design of artificial jumps should give serious consideration to minimizing potential competition vehicle damage that might be caused by the jump.

Rationale: 27.4.3.b and 28.4.3.c, d, e: modified to clarify meaning and increasing max average speed limits in RallySprints

2. NRR 27.4.3 Rally Cross Course Design.

(b) The course shall be arranged such that the maximum average speed for the median ~~an average~~ competitor shall not exceed 70 km/h and the maximum speed shall not exceed 100 km/h. Course designs that allow maximum speeds to be exceeded should be changed for any future events.

3. NRR 28.4.3 Rally Sprint Course Design

- (a) The special stages of the event will be run on short (maximum 5 km) segments of road, public or private, closed to all traffic. Total stage distance is limited to 40 km.
- (b) The roads used as special stages shall be carefully chosen to reflect the overall intention of rally sprint events to be an entry level performance rally.
- (c) The roads used as special stages shall be chosen so that the average speed for the median ~~average~~ competitor does not exceed 85 ~~80~~ km/h. ~~In the case this condition is not met, despite best efforts, organizers will have to take action to correct the situation in order to use this road again in the future.~~
- (d) ~~Any competitor, who exceeds an average of 80 km/h in a stage, shall be scored with a time equivalent to 80.0 km/h, rounded up to a whole second. All others shall be scored with the time taken.~~
- (e) (d) In addition to (c) above, any stage in which the median ~~average~~ competitor exceeds an average of 85 ~~80~~ km/h plus 10% must be modified to achieve lower speeds for future events.



Hello RSO Club Presidents & Executive,

Effective January 29, 2020, Darryl Malone, our elected CARS Regional Director has chosen to step down from his current role to be able to direct his energies more into rallying in general and specifically the ORSC (Ontario Rally Sprint Championship).

As you are aware, there remains the balance of Darryl's term to be filled. During the CARS BOD meeting on Tuesday this week, the CARS BOD appointed me to see through Darryl's term until the next CARS AGM, when the new elected Director would take over.

I want to thank Darryl for representing Ontario so well while in this role and look forward to the future of the ORSC while he can further direct his energy to the wildly successful series.

Please continue to send your permit requests etc. to Darryl for now while he and I transition the entire role.

Respectfully

Warren Haywood
President
Rallysport Ontario

TAC meeting Jan. 15, 2020

8:00pm, 9 members in attendance, we welcomed a new member.

President

ASN Canada resigning from representing Canada to FIA

We have insurance until the end of March

Rob and Dietmar met with Guru Nanak / need insurance certificate so they can book the park.

Need to wait until the end of April. Rally on Sept. 26 2020. They want to work with who ever is laying out the route to learn more about what's involved. They also want to know what they can do to help at an ice race ie sponsorship. Suggested a weekend sponsorship; provide decals and hats and we'll give them an ad in 5th Gear. Working on an offer.

Rob will be at Auto Show.

Vice President

64 members, 7 life, 29 primary, 28 family

Treasurer

Tangerine \$15,135.33 ; PayPal \$787.24 +48.50 ; Chequing \$3,499.17

Brian Maxwell took proxy to CARS AGM in Ottawa. Will cover one night hotel.

Competition

Ice Race - first event cancelled

Still need a couple of volunteers for TAC event

Zonta is on again.

January Jaunt only had 6 entries.

Discussion about Rally Cross

Discover Ontario, end of June 2020

Time Attack open house, first weekend of April 2020. TAC will have a booth.

Social

Still need a Social Director

July Mosport weekend.

Old Business

New Business

Look at creating a privacy policy.

Items for Sale

Items Wanted

Loonies in the Bus won by Nick

Meeting adjourned 8:44pm

minutes by Ingrid

TAC Exec Meeting minutes Feb 5, 2020

8pm, 2 members present

President's message

ASN Canada going away, update from CASC - don't book insurance, they will get group rate, may not be applicable to rally

Need social director

Competition

Ice race coming up

A couple people have signed up thru Facebook to volunteer, when contacted they had changed their mind or didn't reply

Guru Nanak want to sponsor ice race, ice race director never replied to our inquiry

Toques and hats available for door prizes

Next general meeting Feb 19, 2020

meeting adjourned 8:15pm

Minutes by Ingrid

Attention Proud TAC Members!

Now you can buy clothes and more with the TAC logo on it, through the Toronto Autosport Club's online store (a partnership with Café Press.com).

Choose from a large selection of shirts, jackets, mugs, bags, even games and toys! Almost anything that Café Press sells, they will sell with the TAC logo on.

Visit the store at

<http://www.cafepress.com/torontoautosportclubgear>





Membership Application

Mail: 18759 Kennedy Road,
RR#1 Sharon, Ontario, L0G 1V0
Email: registrar@torontoautosportclub.ca

- New Members – Single or Family \$50.00
 Renewal Members – Single or Family \$50.00

(You may PAY ON-LINE or by Cash or Cheque; Please see below...)

- TAC Membership includes CASC-OR (Race, Solo) & RSO (Rally) affiliation for the year
- Family rate is limited to family members domiciled at the same mailing address.
- Renewals : Indicate membership number [#] (if known)
- Assigned membership numbers will be reserved until February 1st.
- All memberships and affiliations expire December 31.
- Please be aware that membership data may be shared with CASC-OR and/or Rallysport Ontario.

Date _____

1st Member _____ [#] email _____

Address _____ Home Phone (____) _____

_____ Bus. Phone (____) _____

Province _____ Postal Code _____

2nd (Family) Member _____ [#] email _____

3rd Family Member _____ [#] email _____

4th Family Member _____ [#] email _____

5th Family Member _____ [#] email _____

PAYMENT METHOD:

Cash Cheque # _____ PayPal Other TOTAL \$: _____

To pay by PAYPAL/Credit Card, please visit the Club website at: www.torontoautosportclub.ca.

This Application Form must also be filled out and submitted so we have your information.

You should begin receiving the FIFTH GEAR newsletter within 2 months. Please let us know if you don't.

FIFTH GEAR is also available on the website. Check here if you do NOT need a mailed copy

TAC works only because volunteers make autosport happen!

So that we know *your* interests (and where you can help out) and can therefore plan the right mix of events – please complete the information checklists below ...

Please indicate your autosport interests for the coming year :

- TimeAttack (Solo 1)
- Autoslalom (Solo 2)
- Navigational rallying
- Performance rallying
- Road racing
- Vintage Racing
- Ice racing
- Karting

Please indicate three areas that you can help with this year :

- Solo (1/2) organizer / worker
- Road Rally/Ralliette organizer
- Contract Rally organizer
- Rally Checkpoint/Green-crew
- Social Event Organizer
- Ice race organizer / worker
- Event timing / scoring
- Performance Rally organizer



Toronto
Autosport
Club