



PORSCHE



# Porsche Centre Edmonton

August 2020



### FEATURED ARTICLE:

#### How Porsche motorsports technology aids production design

Technological innovations from motorsports have always carried over to series production design at Porsche. The same applies to Formula E. Let's look back at the relationship between racetrack and road – from the 550 Spyder to the Taycan.



### FEATURED ARTICLE:

#### Pandemic challenges Porsche test drivers

How to safely conduct test drives during Covid-19 has been something of a challenge for the development teams at Porsche. Those involved have had to show rationality, discipline and teamwork – as demonstrated during testing of the new Panamera model update.



### Featured Vehicles

- > 2018 Porsche Macan
- > 2007 Audi S4
- > 2018 Porsche 718 Boxster GTS
- > 2020 Porsche Cayenne E-Hybrid
- > 2020 Porsche Cayenne E-Hybrid Coupe
- > 2012 Jeep Grand Cherokee

[Read More >](#)



### Promotions

- > 2020 Porsche Macan S
- > Porsche Driver's Selection: The new 911 Collection
- > Porsche Taycan
- > It pays to keep your Porsche at its peak. Schedule a...
- > An Exclusive Porsche Service Offer
- > Classic Collection

[Read More >](#)



## Porsche Centre Edmonton

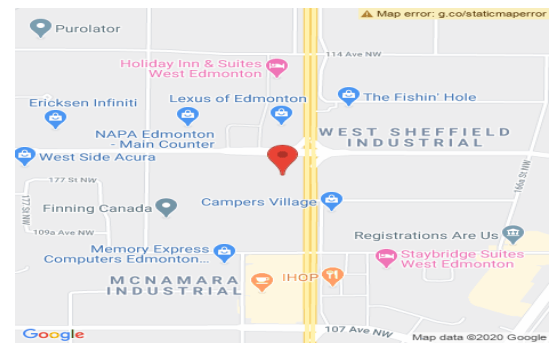
17007 111 Ave  
Edmonton, Alberta  
T5S 0J5

Sales - 1.780.426.3000

Monday - Saturday : 10:00AM - 6:00PM  
Friday : 9:00AM - 6:00PM

Service - 1.780.426.3000

Monday - Friday : 7:30AM - 5:00PM



## About Us

### AMVIC licensed business

A Porsche is more than just an automobile. It is a lifestyle. It represents quality, refinement, and excellence. It represents exclusivity. Most importantly, it represents you. When you sit behind the wheel of a Porsche, you understand the level of care it deserves. So do we. The Porsche Premier Dealer Program has identified the Porsche Centre Edmonton as one of the top three Porsche Centres in Canada in 2015. It is because we strive to bring a level of sophistication that far exceeds any other automobile dealership. Our certified sales professionals and skilled service technicians are some of the highest trained professionals in the industry. They are what set us apart and they are dedicated to caring for, servicing and maintain your Porsche. We hope you enjoy your experience with Porsche Centre Edmonton - virtual or otherwise! We value your business and look forward to caring for your Porsche at the highest level.

[Read More](#)

## Our Team

Tim Satanove | Vice President  
Phone: 780.800.7618 | [Email](#)

Riley Scribner | General Manager  
Phone: 780.426.3000 | [Email](#)

Brad Muller | General Sales Manager  
Phone: 780.800.7618 | [Email](#)

Garrett Dyck | Fixed Operations Manager  
Phone: 780.426.3000 | [Email](#)

Dave Idzan | Parts Manager  
Phone: 780.426.3000 | [Email](#)

Randy Miyagishima | Certified Sales Professional  
Phone: 780.426.3000 | [Email](#)

Joshua Couch | Certified Sales Professional  
Phone: 780.231.2849 | [Email](#)

Christian Gersdorff | Certified Sales Professional/Licensed Technician  
Phone: 780.484.3016 | [Email](#)

Phil Nessner-Wierenga | Certified Sales Professional  
Phone: 780.426.3000 | [Email](#)

Mike Tennese | Certified Sales Professional  
Phone: 780.426.3000 | [Email](#)

Emily Rusk | Porsche Pro  
Phone: 780.426.3000 | [Email](#)

Brianna Gorgichuk | Reception  
Phone: 780.426.3000 | [Email](#)

[Read More](#)





## How Porsche motorsports technology aids production design

Technological innovations from motorsports have always carried over to series production design at Porsche. The same applies to Formula E. Let's look back at the relationship between racetrack and road – from the 550 Spyder to the Taycan.

It's like stepping into a spaceship: the walls are white, the floors are spotless, the light is neon-bright. Orange cabling winds its way along, joining with a machine in the center of the room. The signal color is well-warranted: the cables carry 800 volts. We're in the high-voltage test rig at the Porsche Development Center in Weissach, the place where Porsche tests electric motors. Right now, a special specimen is being put through its motions: the motor driving the Porsche 99X Electric, Porsche's contender in Formula E since last year. The electric mover propels the black-red-and-white race car from 0 to 100 km/h in only 2.8 seconds.

Here on the test rig, the engineers are trying to improve the motor's efficiency further still. To do so, they're taking it through a sheer endless cycle of laps along a virtual race track, always subjecting it to acceleration and braking levels identical to real-world conditions. But the tests are not only meant to take the racer to victory. Porsche also intends to carry over as many innovations from motor racing to their regular production vehicles.

"Our mission is to win races. But we're also pursuing a smooth transition to series production," explains Martin Füchtner, Senior Manager High-Voltage Drive Development, motorsports.

Advancing progress in electric mobility overall is a goal shared with the Formula E organizers. The racing formula is not designed to be an exclusive technology reserve. Instead it intends to motivate series production innovation.

That makes it a totally different ball game from combustion-engine racing. The key difference is that all the teams have to use largely identical vehicles. Formula E specifies the vehicle chassis and standardized battery. All the powertrain components, on the other hand, are the teams' own designs. This includes the electric motor, inverter, brake-by-wire system, transmission, differential, drive shafts, structural frame, and associated suspension elements on the rear axle as well as the cooling system and control unit.

This way, the teams need to design fewer parts themselves, which levels the playing field for teams with lower funding. It also allows the engineers to focus on the actual electric drive instead of investing lots of money in expensive secondary issues like aerodynamics, for example.

"It's awe-inspiring to see how massively we've pushed technology over recent years — drive systems with under five liters volume are now capable of producing the same power as a full-blown sportscar engine. And at efficiency rates we only dreamed of," said Füchtner.

But perhaps even more significant is how technology transfers through the minds of people. "Many on the Taycan team are former members of the team that previously developed the 918 Spyder," Christian Wiedenbrügge says. Team transfers like this are common practice at Porsche. Being in the same area also plays an important part: Porsche's Development Center is only about 1,000 meters away from the motor sports headquarters. "We all come in through the same gate, and we share meals meet for lunch," Füchtner says and laughs. He knows that many a neat idea for winning the first Formula E race could be born in Weissach's cafeteria.



## Pandemic challenges Porsche test drivers

How to safely conduct test drives during Covid-19 has been something of a challenge for the development teams at Porsche. Those involved have had to show rationality, discipline and teamwork – as demonstrated during testing of the new Panamera model update.

While it may be something the public is still getting used to, the use of masks is quite normal for Porsche engineers. Around the globe, face coverings are playing a key part in preventing the spread of coronavirus, but in Weissach masks have long been used to hide new, as yet unseen Porsche models from prying eyes. At Porsche's Development Centre, test cars remain in camouflage until they reach series production stage and only then are their attractive proportions, accentuated details and innovative technology revealed to the world.

This necessary secrecy has always been a challenge, but it is not the only one faced by Porsche engineers today: with test drives often involving two people sharing a car – something currently banned under social distancing rules – they must also think about the safety of their colleagues. A recent example was during the final testing phase of the new Panamera – known in-house by the codename G2 II. Face masks, disinfectant and disposable towels are now part of the essential toolkit of the team headed by the Vice President Model Line, Dr. Thomas Friemuth.

"The crisis forces us to be more flexible", explains his colleague, Head of Testing Marcel Hönemann. He is clearly relieved that the series of complex test drives for the G2 II, carried out in a variety of climates, were completed before the virus became a global crisis. Due to current international travel restrictions, these hot and cold climate tests have been temporarily suspended.

"We are now test driving cars more on home turf," he says. In the case of the new Panamera, the pre-production cars have been hitting the roads around Weissach and in the Black Forest.

On test and fine-tuning drives, Porsche engineers swap from car to car every 45 minutes. Every head of division has to test-drive all engine variants and equipment because when the teams get together later to discuss their findings they are expected to not only assess their "own" assemblies but show interdisciplinary insight, too.

The crisis – and the risks it brings with it – means that it now takes longer to change between cars. Each one has to be thoroughly cleaned using disinfectant and disposable towels, with special attention paid to the steering wheel, seat adjustment mechanism, control clusters, rear-view mirror and switches. Once a driver has got out of a car, door and boot handles are sanitized: only then can a vehicle be passed on to the next person. "Every one of us is aware of our responsibility to the others in the team," says Hönemann.

High fives used to be exchanged when two drivers swapped cars; now, when Hönemann gives the signal for his engineers to move into the next vehicle, the new tradition is to use hand sanitiser. Once satisfied, the masked team from Weissach returns to the road – accompanied either by the sports exhaust system of a top-of-the-range new Panamera, or the silent force of the electric motor under the bonnet of a new hybrid model.

## Featured Vehicles at Porsche Centre Edmonton

### 2018 Porsche Macan



[More Details >](#)

### 2020 Porsche Cayenne E-Hybrid



Exterior Colour: Jet Black Metallic  
Interior Colour: Leather Interior In Black  
Transmission: 8-speed Tiptronic S

**\$114,080**

[More Details >](#)

### 2007 Audi S4



**PORSCHE**

**This vehicle has been SOLD!**

If you are looking for a similar vehicle and would like for us to locate one for you, please contact us and we will happily assist you. We are committed to finding the perfect vehicle for you!

Exterior Colour: Black  
Interior Colour: Black  
Transmission: N/A  
Body Style: Sedan

**\$12,995**

[More Details >](#)

### 2020 Porsche Cayenne E-Hybrid Coupe



Exterior Colour: Quarzite Grey Metallic  
Interior Colour: Two-tone Leather Interior In Black/Bordeaux Red

**\$127,990**

[More Details >](#)

### 2018 Porsche 718 Boxster GTS



Transmission: 6-speed Manual

**\$92,995**

[More Details >](#)

### 2012 Jeep Grand Cherokee Overland



Exterior Colour: White  
Interior Colour: Black  
Transmission: N/A  
Body Style: SUV

**\$13,900**

[More Details >](#)



## Featured Vehicles at Porsche Centre Edmonton



### 2013 Porsche Cayenne Diesel Diesel

**\$33,995**

Exterior Colour: White  
Interior Colour: Black  
Transmission: Automatic  
Body Style: SUV

More Details >



### 2018 Porsche Macan GTS

**\$65,995**

Exterior Colour: Carmine Red  
Interior Colour: Leather Package In Black  
Transmission: 7-speed Porsche Doppelkupplung (PDK)

More Details >



### 2016 Lexus IS 350

Exterior Colour: Grey  
Interior Colour: Black  
Transmission: Automatic  
Body Style: Sedan

More Details >



### 2010 BMW 3 Series 328i xDrive

Exterior Colour: Silver  
Interior Colour: Black  
Transmission: N/A  
Body Style: Sedan

More Details >



### 2014 Volkswagen Touareg Execline

**\$29,995**

Exterior Colour: Black  
Interior Colour: Black  
Transmission: Automatic  
Body Style: SUV

More Details >



### 2019 Porsche 911 Carrera 4S

**\$129,995**

Exterior Colour: Agate Grey Metallic  
Interior Colour: Standard Interior In Black  
Transmission: 7-speed Porsche Doppelkupplung (PDK)

More Details >

### 2020 Porsche Macan S

[Click to see more >](#)

Lease a Macan for \$1096 Monthly at Porsche Centre Edmonton



It pays to keep your Porsche at its peak...

[Click to see more >](#)



### Porsche Driver's Selection: The new 911...

[Click to see more >](#)

911 emotion – the attraction of the legend  
For over 50 years, the 911 has been increasing the heart...



### An Exclusive Porsche Service Offer

[Click to see more >](#)

Up to 20% reduction on all accessories, parts and Labour.  
Visit Porsche Centre Edmonton today to speak to one of our...



### Porsche Taycan

[Click to see more >](#)



### Classic Collection

[Click to see more >](#)

Updated items from the new Classic Collection.  
Update your looks with these items from our Classic...



## Porsche Centre Edmonton

17007 111 Ave  
Edmonton, Alberta, T5S 0J5  
Phone: 1.780.426.3000

- > Contact Us
- > Inventory
- > Specials
- > Find Us
- > Dealer Website
- > Our Team

### Past Issues



July 2020



June 2020



May 2020



PORSCHE