

# HELLO hybrid



HELLO FUTURE

TOWARDS  
CARBON  
NEUTRAL 

 **hybrid**

# IT'S WHAT YOU WANT WHEN YOU WANT IT

DOING IT FIRST,  
DOING IT BEST.

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When you take the wheel of a self-charging Toyota Hybrid, you take hold of more than 20 years of hi-tech innovation. As the world leader in hybrid technology, with the Prius being the first mass-produced hybrid vehicle, our Toyota Hybrids have now evolved into a full range of conscious vehicles built for the future.

But, technology goes far beyond just mass production, it also goes to the bleeding edge of engineering – as seen in 2018, when the Toyota Gazoo Racing team won the Le Mans 24-hour endurance race with Fernando Alonso, Kazuki Nakajima and Sébastien Buemi in the ground-breaking Toyota TS050 Hybrid. This perfectly showcased the potential of Toyota Hybrid technology and proves that the Toyota Hybrid gets you moving powerfully, yet sustainably, every time.



HELLO FUTURE







## PERFORMANCE AND TECHNOLOGY REDEFINED

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Our innovative self-charging technology was created with the same mindset applied to everything else that we do, questioning the status quo and an unrelenting quest for continuous improvement. What happens when you take two seemingly conflicting ideas and fuse them? You create something new — something born out of tension, which means that, by nature, it is more resilient. The Toyota Hybrid is mindfully designed to move between traditionally dissimilar energy sources. The hybrid's battery does not require charging, and the strength of the electric motor and the power of the petrol engine combine to offer improved fuel efficiency and lower CO<sub>2</sub> emissions and exceptional performance, all the while reducing the impact on the environment. It's time to step into the future and move ahead.



# HELLO POWER

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Now you can stay powered up for longer with the pioneering battery technology of the Toyota Hybrid. Engineered to last for the entire lifetime of the vehicle, these long-lasting hybrid batteries come with an 8-year/195 000 km warranty. And because the Toyota Hybrid's battery is self-charging, it never needs to be plugged in to be recharged.

When the battery does run low, excess power from the engine charges it back up again. Whenever you brake, energy is recycled to charge the battery too, so no power gets wasted.





**hybrid**

# MODEL LINE-UP



**RAV4**  
hybrid

The RAV4 Hybrid is here to rethink everything we've known about SUVs. It's here to change the world. It's here to disrupt. So, you can enjoy the newest evolution in RAV4 Hybrid technology with the innovative E-Four System. Giving you better traction, and better control to tackle any AWD adventure in this class-leading SUV.

**COROLLA**  
**CROSS**  
hybrid

It's capable, innovative, spacious, and it's the first-ever Toyota Hybrid manufactured in South Africa. It's the Corolla Cross. It's the perfect cross between power and economy, and performance and responsibility. This proudly local hybrid comes in two models: the Xs grade and the Xr grade.



**COROLLA**  
**HATCH**  
hybrid

Say Hello to the ever-stylish and compact Corolla Hatch Hybrid. This sporty yet spacious 5-door hatch has it all, from two power sources in the 1.8ℓ Hybrid engine, 3-dimensional exterior styling and a tech-filled interior, you'll not only want it all, but you'll get it all.

**COROLLA**  
hybrid

A global bestseller, synonymous with quality and safety, space and comfort, and family memories, the Corolla has captured the hearts of millions around the world. And now there is even more to love in the form of the hybrid model that produces 72 kW of power @ 5 200 r/min.







**RAV4**  
hybrid



MODEL SHOWN: 2.5 GX-R CVT Hybrid E-Four

# EXPECT INCREDIBLE

From the introduction of the first generation in 1994, the RAV4 was a disrupter – and with it, a new category of vehicle was born. And now, the newest evolution of this class-leading SUV is here... in hybrid.

The evolution hasn't stopped there. All model variants, including RAV4 Hybrid, have adopted the new E-Four System. You will be able to tackle any slippery surface with confidence, as the new E-Four System has better pull-off traction, hill climbing and cornering abilities.

The E-Four System also allows for increased or decreased driving force to the rear motor, limiting any understeer or oversteer tendencies. Giving you AWD when you need it most.

And with the sizable 2.5ℓ engine which produces 131 kW of power @ 5 700 r/min and maximum torque of 221 Nm @ 3 600 – 5 200 r/min, the total system gives you an output of 163 kW. With that said, the RAV4 is incredibly economical and efficient, with fuel consumption of 4.8ℓ /100 km and a CO<sub>2</sub> emission as low as 109 g/km.

**RAV4 HYBRID MODEL LINE-UP:**

- 2.5 GX-R CVT Hybrid E-Four
- 2.5 GX-R HEV E-Four Bi-Tone
- 2.5 VX CVT Hybrid E-Four



Enjoy convenient features inside the RAV4 Hybrid such as a Display Audio with Android Auto and Apple CarPlay functionality. And the added convenience of auto dual-zone air conditioner and Smart Entry.

Safety and driver support systems consist of driver, front passenger, knee, side and curtain airbags, front and rear Park Distance Control (PDC), Hill-Assist Control (HAC), Vehicle-Stability Control (VSC) and Trailer Sway Control (TSC).

And the technology doesn't stop there, you can even monitor how simply braking stores energy to recharge the battery.



MODEL SHOWN: 2.5 VX Hybrid E-Four





COROLLA





*COROLLA*  
hybrid



MODEL SHOWN: 1.8 Xr CVT Hybrid

# IT'S BOTH WHEN YOU WANT BOTH

The Corolla Hybrid model boasts a uniquely balanced fusion of a petrol engine and an electric motor that instinctively and automatically switches between the two to deliver the acceleration you want when you want it. The petrol engine produces 72 kW of power @ 5 200 r/min and maximum torque of 142 Nm @ 3 600 r/min. This, combined with an electric motor torque of 163 Nm and electric motor power of 53 kW, ensures revolutionary fuel economy and high performance with this compact and streamlined engine design.

This vehicle's exterior is just as impressive, with Bi-LED Auto High Beam headlights and Daytime Running Lights (DRL), colour-coded side mirrors that are powered and heated, plus 16" alloy wheels.



# COROLLA hybrid



MODEL SHOWN: 1.8 Xr CVT Hybrid



Inside, the driver can enjoy the display screen that doubles up as the reverse camera, has Apple CarPlay and Android Auto compatibility with 6 speakers. Other convenience features include Smart Entry, Cruise Control, and an auto air conditioning system.

And the safety and driver support systems consist of driver, front passenger, knee, side and curtain airbags, Hill-Assist Control (HAC), and Vehicle-Stability Control (VSC).

This all results in a truly exhilarating driving experience, putting the Corolla in the perfect position to stay the world's most-loved car for many years to come.

#### **COROLLA HYBRID MODEL LINE-UP:**

- Corolla 1.8 Xs CVT Hybrid
- Corolla 1.8 Xr CVT Hybrid



# COROLLA HATCH





**COROLLA**  
HATCH  
hybrid



MODEL SHOWN: Corolla HB 1.8 Xr CVT Hybrid Bi-Tone

# DRIVING REDEFINED

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The Toyota Corolla Hatch is now available as a Hybrid, so now you can have it all, including Toyota's world-leading Hybrid technology. The Corolla Hatch combines incredible style with intelligent design and technology to deliver dynamic performance and a quieter drive than ever.

The 1.8ℓ four-cylinder petrol engine delivers maximum power of 72 kW @ 5 200 r/min and torque of 142 Nm @ 3 600 r/min. The petrol engine works together with the vehicle's electric motor to ensure the Corolla Hatch returns a combined fuel consumption cycle of just 4.0 ℓ /100 km with CO<sub>2</sub> emissions as low as 91 g/km.





# AMBITION BEYOND THE NOW

Saying 'Hello Future' doesn't stop when it comes to the interior experience of the Corolla Hatch Hybrid.

From the effortless Smart Entry, a wireless charging tray\* for your smartphone, to the push start button, you'll experience the joy of Toyota's intelligent design and technology on the inside too. The multi-functional steering wheel brings future-like adaptive cruise control to your fingertips, while the 12.3-inch touchscreen\*, makes navigating the infotainment system a breeze. In addition to looking good on the road, all Corolla Hatch Hybrid models are equipped with the Toyota Safety Sense package to make sure you stay safe on the road.

#### COROLLA HATCHBACK HYBRID MODEL LINE-UP:

- Corolla HB 1.8 Xs CVT Hybrid
- Corolla HB 1.8 Xr CVT Hybrid
- Corolla HB 1.8 Xr CVT HEV BT

\* Available on selected models

**COROLLA**  
HATCH  
*hybrid*



**MODEL SHOWN:** Corolla HB 1.8 Xr CVT Hybrid Bi-Tone





COROLLA  
CROSS





*COROLLA*  
**CROSS**  
*hybrid*



MODEL SHOWN: Corolla Cross Xr CVT Hybrid

# CROSS BOUNDARIES

The all-new Corolla Cross Hybrid is finally here. And it's Toyota's first locally built hybrid model. The self-charging Corolla Cross Hybrid harnesses more than 20 years of hi-tech innovation from the world leaders in hybrid technology – Toyota.

The all-new Corolla Cross Hybrid is the car of the future. Crossing boundaries with two power sources, combining petrol and electric to give you the perfect cross between power and efficiency, the perfect cross between going faster and going further and the perfect cross between performance and responsibility.

The Corolla Cross Hybrid delivers 72 kW of power @ 5 200 r/min, with a combined system output of the hybrid and conventional motor peaking at 90 kW. Torque figures are recorded at 142 Nm @ 3 600 r/min.

And because hybrid technology automatically manages the outputs of the petrol engine and electric motor to optimise its efficiency, this model achieves an average fuel consumption figure of just 4.3ℓ/100 km and matching emissions of a mere 98 g/km CO<sub>2</sub>, reducing the impact on the environment.



# THE PERFECT CROSS BETWEEN STYLE AND FUNCTION

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Modern, elegant and assertively styled, at the front, a distinctive black grille with chrome accents\* is flanked by distinctive LED headlamps with Auto High-beam\* functionality and Daytime Running Lights. Through the use of steering wheel-mounted controls and Bluetooth phone pairing, the driver takes full command of the audio system, multi-information display, mobile phone operations, Voice Command\*, Cruise Control and Lane Trace Assist\* without moving their hands from the steering wheel.

EV Drive Mode draws out the electric battery output to its fullest, increasing the opportunities to run solely on the electric motor at low speed. This allows for lower noise levels when driving, and more importantly, reduces exhaust emissions.

The all-new Corolla Cross Hybrid. It's the perfect cross between getting lost and finding yourself.

**Model line-up:**

1.8 Xs CVT Hybrid

1.8 XR CVT Hybrid

\* Available on selected models



MODEL SHOWN: Corolla Cross XR CVT Hybrid



# NEW





# HELLO SELF-CHARGING INNOVATION



## How it works

### STARTING

It's an advantage you'll feel in an instant. With a firm press of the accelerator, the powerful electric motor combines with the petrol engine to deliver immediate torque and seamless acceleration off the line. When starting from a stop under normal conditions, only the electric drive is used for light acceleration, resulting in a gentle, silent take-off and enhanced efficiency.

### DRIVING

Switching seamlessly between power sources automatically, a Toyota Hybrid gives you the flexibility to drive using electric energy, or a blend of petrol and electric combined. Whether in city traffic or on the highway, the system optimises output from the electric motor and petrol engine, allocating power to the driven wheels as well as the electric generator.

As a result, you won't just enjoy a smoother and quieter ride, you'll enjoy it over many more kilometres on a single tank of fuel.

### ACCELERATING

Welcome to the power of two. During initial take-off from a stop, the high-output battery alone provides power to the electric drive. As speed

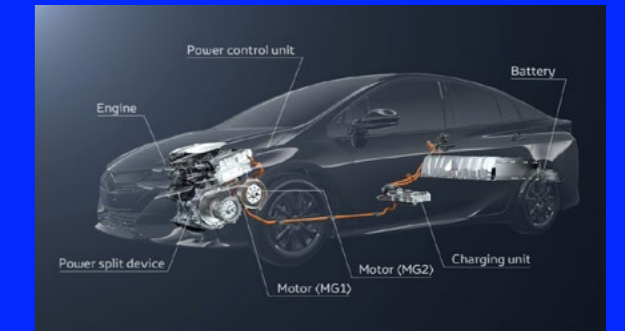
increases, the potent petrol engine is engaged. And, at the moment you need it most, two become one – as both engines work in tandem. Working in tandem with the Electronically Controlled Continuously Variable Transmission, the result is powerful acceleration without the jarring shift points experienced in a conventional vehicle – powering you ahead.

### BRAKING

Instantaneous response and exceptional efficiency are only two of the many benefits of the electric motor under the hood. During braking, the Toyota Hybrid Drive System suspends its delivery of drive power and begins generating electricity. Thanks to this highly effective regenerative braking system, kinetic energy usually lost during braking is instead converted to electricity and sent back to the battery.

### STOPPING

Unlike traditional petrol engines, which must idle and consume fuel even at a standstill, the Toyota Hybrid switches off its petrol engine when decelerating and at a stop, saving fuel and minimising emissions. The electric motor remains ready and available for immediate take-off.







# HELLO FUTURE

**Redefined self-charging hybrid technology leaves a lighter footprint on the environment and your pocket.**

#### **COST-EFFECTIVE**

Every time a Toyota Hybrid uses the electric motor, it limits petrol usage, which lessens petrol costs. Significant maintenance savings can be made in the long-term as the hybrid system does not have a clutch, timing belt, starter motor or alternator. Additionally, the cost of replacing parts is reduced as Toyota Hybrids produce less wear and tear of brake pads and tyres, resulting in further savings. Furthermore, with rapid fuel hikes, increased repo rates, and price expansions affected by exchange rates, hybrid vehicles offer a mid to long-term solution to offset rising costs.

#### **CONVENIENT**

Our self-charging system means that you'll never have to connect a Toyota Hybrid to a power socket. Which means you're never reliant on the grid. They are always ready to drive – no plugs, no diesel, no compromise.

#### **COMFORTABLE**

Automatic transitions between the electric motor and the petrol engine ensure an easier and smoother driving experience.

#### **ECO-FRIENDLY**

Our self-charging hybrid systems are eco-friendly and produce zero emissions when in Electric Mode.

#### **HYBRID EXPLAINED**

##### **They say hybrids have to be plugged in:**

Toyota Hybrids are self-charging. Every time you brake, the regenerative motor charges, storing electrical energy for high-powered take-offs and low-speed driving. Toyota Hybrids conveniently charge without ever having to be plugged in. Power outages can't touch this.

##### **They say hybrids have poor batteries:**

Toyota Hybrids have long-lasting batteries with an 8-year/195 000 km warranty. The compact battery, on average, lasts longer than the warranty. In fact, it has been designed to last as long as the vehicle.

##### **They say hybrids lack power:**

Toyota Hybrids are dual-energy powerhouses that get your pulse racing straight off the line. With two sources of energy, these cars exhibit incredible performance, responsiveness and efficiency.

##### **They say hybrids prefer function over beauty:**

Our hybrids are crafted with ultimate sophistication in mind. Since our Hybrid journey began, our purpose has been to create vehicles that don't compromise on style or comfort. We're the global leaders in the self-charging car industry because of our innovative thinking, brave designs, and exceptional craftsmanship.

##### **They say hybrids are difficult to maintain:**

We made sure that our hybrids have fewer parts, which means less upkeep. None of our hybrid models contain clutches, timing belts, starter motors or alternators, which means that you don't have to maintain these costly elements.





# TOYOTA ENVIRONMENTAL CHALLENGE 2050

At Toyota, creating technologically advanced vehicles isn't our only priority; we're committed to lowering our environmental impact throughout our entire production process. How? By setting ourselves six challenges that will see us reach a truly world-changing goal: a positive environmental impact by 2050.



ZERO CO<sub>2</sub>

## CHALLENGE 1

### NEW VEHICLE ZERO CO<sub>2</sub> EMISSIONS CHALLENGE

By owning a Toyota you would be contributing to the reduction of vehicle CO<sub>2</sub> emissions by 90% in 2050 as opposed to 2010. You will help us promote the development of next-generation vehicles and further accelerate the spread of these vehicles.



ZERO CO<sub>2</sub>

## CHALLENGE 3

### PLANT ZERO CO<sub>2</sub> EMISSIONS CHALLENGE

You uphold the two main pillars of our strategy to achieve zero CO<sub>2</sub> emissions at our plants which are:

1. Developing and introducing low-CO<sub>2</sub> technologies with ongoing kaizen.
2. Adopting renewable energy sources and utilizing hydrogen energy.



## CHALLENGE 5

### CHALLENGE OF ESTABLISHING A RECYCLING-BASED SOCIETY AND SYSTEMS

You have contributed to our 40 years on the challenge of resource recycling. Going forward, by rolling out to the world the technology and systems evolved in Japan, we will all continue working on the challenge of establishing a recycling-based society.



THE TOYOTA RANGE HAS BEEN MANUFACTURED TO MINIMISE ITS CARBON FOOTPRINT.

Guided by the goals of the Toyota Environmental Challenge 2050, as little impact as possible is made on the environment during each step of the process. From design to manufacturing, to end-of-life recycling programmes, our planet always comes first. This is because the ultimate long-term goal for Toyota is to make all our vehicles as environmentally friendly as possible. With this in mind, the entire Toyota Hybrid range has been designed to have very low CO<sub>2</sub> emissions.

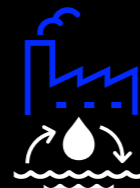


ZERO CO<sub>2</sub>

## CHALLENGE 2

### LIFE CYCLE ZERO CO<sub>2</sub> EMISSIONS CHALLENGE

You are lending a helping hand to Toyota's efforts to reduce to zero not only CO<sub>2</sub> emissions produced in travelling and manufacturing, but all CO<sub>2</sub> emissions including the process of materials production, disposal and recycling of vehicles.



## CHALLENGE 4

### CHALLENGE OF MINIMISING AND OPTIMISING WATER USAGE

In automobile manufacturing, we use water in painting, forging and other processes. Therefore, even a small reduction of its impact on the water environments is important. We have two measures to achieve this, comprehensive reduction of the amount of water used and comprehensive purification of the water and returning it to the earth.



## CHALLENGE 6

### CHALLENGE OF ESTABLISHING A FUTURE SOCIETY IN HARMONY WITH NATURE

Here at Toyota we have engaged in planting trees at our plants and environmental conservation activities in our surrounding areas. To establish a society where humans and nature coexist in harmony, we are promoting several activities to connect regions, the world and the future.

The message is clear – Toyota Motor Corporation (TMC) wholeheartedly supports the Paris Agreement and accepts the challenge to achieve carbon neutrality by 2050. The Paris Agreement is a legally-binding international treaty on climate change and is aimed at reducing the emission of gases that contribute to global warming. While this treaty was only adopted in 2015, Toyota has been innovating and investing in technology to reduce emissions and achieve carbon neutrality for well over 30 years. Toyota has also led the way with more electrified vehicles on the road than any other automaker.

TOYOTA IS SERIOUS ABOUT COMBATING THE PROBLEMS ASSOCIATED WITH WASTE TYRES IN THE COUNTRY AND HAS THEREFORE TAKEN UP ITS PRODUCER RESPONSIBILITY AS DEFINED BY THE WASTE MANAGEMENT ACT OF 2008. WASTE TYRE REGISTRATION NUMBER: TPREG0031GAU

GET CONNECTED WITH  
**My TOYOTA**

IN-CAR WI-FI, ROADSIDE ASSISTANCE AND MUCH MORE

All Toyota vehicles can now be connected to the MyToyota App on your mobile phone, giving you more control of your driving experience and opening up a whole new world of personalised offerings and customisable features, so that you can enjoy:



### IN-CAR WI-FI\*

Connect to Wi-Fi



### GPS LOCATOR

Always know your vehicle's GPS location



### LOGBOOK

Have access to a digital logbook



### DRIVER NOTIFICATIONS

Important reminders like licence renewal



### BATTERY HEALTH CHECK

Check your battery health



### SERVICE BOOKING

Manage your services



### ROADSIDE ASSISTANCE

Get real-time roadside assistance



### DRIVER RATING

Receive a driver rating



### FLEET MANAGEMENT

Monitor your fleet



### LICENCE RENEWAL

Renew from the App

**AND MORE** - The above features are not all; there are loads of other features available to further enhance driver and guest safety, convenience and comfort; and plenty more to come to make your drive experience better and better with every kilometre.



DOWNLOAD THE **My TOYOTA** APP AND GET CONNECTED TODAY

FIND OUT MORE AT [TOYOTA.CO.ZA/MY-TOYOTA](http://TOYOTA.CO.ZA/MY-TOYOTA)

\*15GB FREE DATA ONCE-OFF UPON ACTIVATION. Ts & Cs APPLY. AVAILABLE IN SOUTH AFRICA ONLY.



Toyota vehicles are known for their Quality, Durability and Reliability. Keeping your Toyota Genuine means no compromises in terms of safety, performance and resale value. The range of Genuine Products and Approved Services will ensure complete peace of mind throughout the ownership journey and beyond. For more information on how to Keep Your Toyota Genuine visit [www.toyota.co.za/genuine](http://www.toyota.co.za/genuine)

## TOYOTA GENUINE PRODUCTS

For guaranteed fit and function, **Genuine Parts** are essential in maintaining the safety and reliability of your vehicle. They also comply with all safety, regulatory and environmental requirements, making it the obvious choice. The same exacting precision applies to **Toyota Accessories**, developed by engineers with extensive knowledge on vehicle integration - you can enhance the appeal and functionality of your Toyota Hybrid without compromising its safety features or warranty. Warranties are about peace of mind, and the **Genuine Unlimited Warranty** is designed to provide superior cover (up to 10 years, unlimited mileage) and a seamless claims process thanks to full integration with Toyota systems. The **Genuine Extended Service Plan** also enjoys exclusive approval by Toyota SA and provides flexible extension options up to 10 years or 300 000 km to suit your period of ownership. Paying today's rates for tomorrow's maintenance is a sensible way to protect the resale value of your Toyota Hybrid by means of a full service history.

## TOYOTA APPROVED SERVICES

Specialised vehicle maintenance requires first-class facilities, advanced equipment and expert knowledge. **Toyota Quality Service and Value Service** not only promise accurate diagnosis and repair, but also a philosophy of building trust through a genuine concern for the needs of our customers. To complement the extensive network of Toyota dealers, we have a vast number of **Accredited Body and Paint Repairers**, selected on stringent criteria to ensure outstanding workmanship and customer service. You can maintain your vehicle's pristine condition without compromising its warranty thanks to the exclusive use of Genuine Parts by our Accredited Repairers. Offering 24-hour access to a full complement of assistance and recovery benefits, **Toyota Roadside Assistance** provides the peace of mind that competent support is only a phone call away.

# TOYOTA GENUINE MEANS

✓ UNCOMPROMISED SAFETY ✓ GUARANTEED QUALITY ✓ PEACE OF MIND



## TOYOTA FINANCIAL SERVICES

There is no 'one-size-fits-all' when it comes to vehicle finance and insurance, there is only you. With fast, flexible and convenient services we will structure the perfect Toyota Hybrid deal for you.

At Toyota Financial Services, we believe that purchasing your Toyota should be as enjoyable as driving it. Toyota Financial Services is the fast, flexible and convenient means of financing your Toyota Hybrid. We have created a range of finance products that suit both private and business customers, easily accessible through your local Toyota dealer. We take the hassle out of arranging finance.

Toyota Financial Services (South Africa) Ltd is an authorised Financial Services (FSP No. 7454) and Registered Credit Provider (NCRCP62).

For comprehensive information about products offered by Toyota Financial Services, visit [www.toyota.co.za/toyota-finance](http://www.toyota.co.za/toyota-finance)

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HELLO

World



HELLO FUTURE

TOWARDS  
CARBON  
NEUTRAL 