

What's the Correct Front & Rear Tyre Pressure for Toyota Yaris: PSI, kPA & BAR Explained

Meta Description: Find the correct tyre pressure for Toyota Yaris models based on wheel size. Learn how precision inflation affects fuel economy and handling.



Alt text: A yellow Toyota Yaris parked on the road.

Key Takeaways

- The standard Toyota Yaris tyre pressure is 31–33 PSI (2.1–2.3 BAR), depending on the specific wheel and tyre configuration.
- Different Yaris variants and tyre sizes require specific pressure settings to achieve optimal performance.
- Maintaining correct tyre pressure can improve fuel economy and extend tyre lifespan by thousands of miles.
- [Ordiniq's AutoPump](#) delivers precise pressure readings, helping you maintain the exact specifications Toyota recommends for optimal performance.

Maintaining Accurate Tyre Pressure For the Toyota Yaris

Keeping your Toyota Yaris running at optimal performance starts with something many drivers overlook—proper tyre pressure. Incorrect tyre pressure isn't merely a minor inconvenience; it directly affects your vehicle's handling, fuel efficiency, and road safety.

The Toyota Yaris, known for its reliability and efficiency, requires specific tyre pressure settings to maintain these qualities.

Whether you've just purchased a Yaris or have been driving one for years, understanding correct tyre pressure specifications proves crucial for maximising your driving experience and safety.

Ordiniq AutoPump: Your Pocket-Sized Roadside Hero

Join 10,000+ Drivers Who Never Worry About Flat Tyres Again

Why Ordiniq's AutoPump Is Essential

- **Powerful 150 PSI** to inflate tyres in minutes
- **Smart Auto Shut-Off** sets perfect pressure every time
- **Works on Everything** from cars to bikes to sports equipment
- **Built-in LED & SOS Lights** for nighttime emergencies
- **24/7/365 Customer Support** to give you peace of mind

What

★★★★★ "I like the getting a flat allowed me Definitely a



Customers Say

was at first very skeptical about using a new product AutoPump with my 2018 Ford Focus. But after tyre due to a nail, it inflated my tyre quickly and to get to a garage and have the tyre repaired. thumbs up from me." - Gregg D. Bristol, UK

Try It

Experience you from a purchase with no questions asked.

Risk-Free for 90 Days

the AutoPump with zero worries. If it doesn't save tyre emergency within 90 days, we'll refund your

FREE BONUSES: Tyre Pressure Monitoring Caps (£19.99 Value) + Tyre Safety eBook (£10 Value) + FREE Shipping Across the UK via Royal Mail and Evri

[Get Ordiniq's AutoPump Today!](#)

**Ordiniq also offers [Handheld Wired Car Vacuum Cleaner](#) and [Tyre Repair Kit](#), which are great extras to keep in your boot for added peace of mind.*

Understanding Pressure Measurement Systems



Caption: Three measurement standards express identical pressure values for tyres; familiarity with each system facilitates accurate verification across different equipment types.

Alt text: A close-up image of a car tyre with shining rims.

PSI (Pounds per Square Inch) Explained

PSI (pounds per square inch) is the most commonly used measurement for tyre pressure in the UK, US, and many other countries.

It represents the force exerted by one pound of weight over one square inch of area. For the Toyota Yaris, the typical 32–33 PSI recommendation means each square inch of the tyre is holding 32–33 pounds of pressure.

This imperial measurement system dates back centuries but remains prevalent in automotive applications worldwide. When using a pressure gauge calibrated in PSI, simply match the reading to your vehicle's recommended value without any conversion needed.

BAR Measurement System

BAR is a metric pressure unit commonly used throughout Europe and many other parts of the world.

One BAR roughly equals the atmospheric pressure at sea level (14.5 PSI). For your Toyota Yaris, the recommended 2.2–2.3 BAR is equivalent to 32–33 PSI.

This measurement system is particularly common on European-made pressure gauges and at service stations throughout the EU.

kPa (Kilopascals) & Why It's Used

Kilopascals (kPa) represent the official SI (International System of Units) measurement for pressure and are commonly used in scientific contexts and in many countries, including Australia and Canada.

Toyota often includes kPa readings on vehicle placards because it's a standardized international unit of pressure. The 220–230 kPa recommendations for various Yaris configurations are exactly equivalent to their PSI and BAR counterparts, just expressed in the internationally recognized scientific standard.

Converting Between Pressure Units

Converting between pressure units is straightforward with these simple relationships: 1 BAR equals 14.5 PSI or 100 kPa. To convert PSI to BAR, divide by 14.5. To convert PSI to kPa, multiply by 6.895. Most modern digital tyre [pressure gauges](#) allow switching between measurement units with button presses, eliminating the need for manual calculations.

Quick Conversion Reference

PSI	BAR	kPa	Common Application
31	2.1	214	14" rear specification
32	2.2	220	Most common Yaris specification
33	2.3	228	14" and some 15" front specification

Toyota Yaris Tyre Pressure: Verified Specifications

Below are the verified factory tyre pressure specifications for the Toyota Yaris to ensure safe handling and optimal fuel efficiency.

Tyre Size	Front Pressure	Rear Pressure	Configuration
195/55/R16 V 91	32 PSI / 2.2 BAR	32 PSI / 2.2 BAR	Standard 16" fitment
195/50/R16 V 88	32 PSI / 2.2 BAR	32 PSI / 2.2 BAR	Alternative 16" setup
175/65/R15 H 84	33 PSI / 2.3 BAR	32 PSI / 2.2 BAR	Standard 15" wheels
185/60/R15 T 84	32 PSI / 2.2 BAR	32 PSI / 2.2 BAR	Alternative 15" fitment
175/65/R14 T 82	33 PSI / 2.3 BAR	31 PSI / 2.1 BAR	Base 14" wheels

Locating Your Toyota Yaris Exact Pressure Specifications



Caption: Toyota provides pressure information in multiple vehicle locations, ensuring you're never without access to proper specifications for your model.

Alt text: A black Toyota Yaris

Driver's Door Jamb Sticker

The easiest place to find your Yaris's correct tyre pressures is on the driver's door. Open it up and check the door pillar or the door's edge—you'll see a white or yellow sticker with all the details you need.

This label shows the exact [tyre pressures](#) Toyota recommends for your particular Yaris model. If front and rear tyres need different pressures, it'll tell you. The figures are shown in both PSI and kPa, so whichever unit your gauge uses, you're covered.

Owner's Manual Reference

Your Yaris owner's manual goes into more detail, usually in the maintenance or specifications section. You'll find not just the standard pressures but also recommendations for specific situations, such as long motorway journeys or when you're carrying extra weight.

Lost your manual? No problem. Toyota provides digital copies through its owner's portal, so you can look up information from anywhere, even if you're not near your car.

Fuel Filler Flap Information

Some Toyota Yaris models also display tyre pressure information inside the fuel filler flap for quick reference during refueling stops. This convenient location means you can check and adjust your tyre pressure while filling up, making it part of your regular maintenance routine.

When opening your fuel flap, look for a small white sticker or an embossed information panel containing vehicle-specific pressure recommendations.

Get Precise Toyota Yaris Tyre Pressure with AutoPump



Caption: Compact cars like the Yaris demand measurement accuracy because small efficiency margins compound significantly over thousands of urban driving miles.

Alt text: Ordiniq AutoPump.

At Ordiniq, we developed the [AutoPump](#) with a simple goal: to match the precision of modern vehicles like the Yaris.

Modern cars like the Yaris feature sophisticated engineering that optimises efficiency through countless details. Shouldn't [inflation equipment](#) match this level of sophistication rather than accept century-old accuracy standards?

Our best-selling AutoPump achieves measurement precision of ± 0.5 – ± 1 PSI in either direction. This [accuracy preservation](#) matters because it maintains Toyota's engineering calculations rather than undermining them through measurement uncertainty.

The cordless, portable AutoPump fits easily in your boot and is ready whenever you need it. Its digital pressure gauge delivers precise measurements. The 3900mAh rechargeable battery supports eight to ten full [vehicle inflations](#) before needing a recharge, which is sufficient for monthly checks without worrying about power.

When recharging becomes necessary, three pathways provide flexibility: USB-C connectivity supports portable charging from power banks or laptops, conventional mains charging works for home storage, and 12V vehicle power enables mobile recharging during extended trips, where adjustments might be necessary.

Our 90-day money-back guarantee lets you test the difference risk-free for three months. We also offer a [Handheld Wired Car Vacuum](#) and [Tyre Repair Kit](#), delivering complete vehicle care solutions trusted by over 10,000 customers across the UK.

[Shop the Ordiniq AutoPump Today!](#)

Frequently Asked Questions (FAQs)

Do front and rear tyres need different pressures on the Yaris?

This depends entirely on your specific Yaris configuration. Most 16-inch wheel setups (195/55/R16 and 195/50/R16) use uniform 32 PSI specifications front and rear, providing consistent handling characteristics and even wear across all four tyres.

However, certain 15-inch and 14-inch configurations feature front-to-rear differentials.

Can I use the maximum pressure listed on the tyre sidewall?

The maximum pressure listed on your tyre sidewall is not the recommended operating pressure for your Toyota Yaris. This figure represents the maximum safe pressure the tyre can contain, not the optimal pressure for your specific vehicle.

Always follow Toyota's recommended pressure rather than inflating to the maximum sidewall pressure, which can range from 44–51 PSI depending on the tyre. Overinflation reduces tyre contact with the road, compromising grip and increasing stopping distances.

What should I do if my Toyota Yaris TPMS light activates?

If your Toyota Yaris is equipped with a Tyre Pressure Monitoring System (TPMS) and the warning light illuminates on your dashboard, you should check all tyre pressures as soon as it is safe to do so.

The TPMS light indicates that at least one of your tyres has fallen below the minimum safe pressure threshold (typically about 25% below the recommended pressure).

How does Ordiniq's AutoPump specifically benefit Toyota Yaris owners focused on efficiency?

If you bought a Yaris, fuel economy probably mattered to you. Here's the thing: tyre pressure directly affects how many miles you get from each tank, and most standard gauges simply aren't accurate enough to help you maximise it.

Typical tyre inflators work within a $\pm 2-3$ PSI tolerance. When Toyota says your Yaris needs 32 PSI, a standard gauge might give you anywhere from 29 to 35 PSI. You think you're set, but you're actually running too high or too low—both of which hurt fuel economy.

[The AutoPump](#) achieves professional PSI accuracy. When you set it to 32 PSI, that's exactly what you get. This precision matters because Toyota chose that specific pressure to balance rolling resistance, tyre wear, and fuel consumption.

***Note:** *Pricing and/or product availability mentioned in this post are subject to change. Please check [our website](#) for current pricing and stock information before making a purchase.*