

Working smarter with your van tyres – FAQs



TPMS + cellular connectivity = TyreWatch tyre management

Frequently Asked Questions



Will TyreWatch VanSmart work with every type of tyre?

Yes, we recognise you will run different tyre brands across your vehicles. TyreWatch VanSmart can work with every brand and size of tyre – whether they are already fitted or new. This maximises your flexibility to use the tyre brands of your choice.

Will the sensors need replacing when I change my tyres?

No, just remount the same TyreWatch valve dust cap to the same axle position. The TyreWatch sensors are designed to last three years, which is the lifespan of their internal batteries. TyreWatch VanSmart is not affected by the process of fitting replacement tyres.

Will I need to program TyreWatch when I change a tyre?

If you remount the same TyreWatch valve dust cap to the same axle position there is no need to reprogram the sensor map on the TyreWatch server. This saves valuable administration time compared to some technologies where the sensor is mounted to the tyre.

Will TyreWatch VanSmart improve road safety for my fleet?

Yes, TyreWatch VanSmart will significantly reduce the incidence of avoidable tyre failure – improving road safety for everyone. The Department of Transport advise that tyres are the most common mechanical cause of van and car accidents.

Where will TyreWatch VanSmart monitor my tyres?

TyreWatch VanSmart is designed to work with your light commercial vehicles for their entire journey. The sensors communicate with the controller which transmits tyre data to the TyreWatch server using cellular connectivity. This enables TyreWatch to detect issues where they're likely to happen – on the road whilst your vehicles are working. Naturally, it also works in your depots to assist with routine maintenance.

How will I know if there is a problem with my tyres?

The TyreWatch server analyses your tyre data against programmed settings. Any tyre problems are detected right from the off, before they become obvious at daily visual inspections and scheduled maintenance – saving tyres, unexpected downtime and the cost of roadside breakdowns. Customers report that TyreWatch prevents 95% of tyre-related breakdowns compared with pre-installation statistics.

Will TyreWatch VanSmart identify routine maintenance requirements?

Yes, the TyreWatch server holds a real-time pressure report for all the tyres in your vehicle fleet. This enables your maintenance team and tyre service provider to correct the pressures only in those tyres needing attention – saving time and money. We call this digital servicing by exception.

TyreWatch's trend analysis will provide early visibility of any slow punctures. This enables your tyre service provider to safely repair the tyre in scheduled downtime.

Additionally, TyreWatch can report mechanical repairs. For instance, should two tyres on the same axle have correct pressures but one is running hotter than other, it could indicate a mechanical defect – such as a binding brake or uneven weight distribution.

Can I use my existing telematics platform to pick up tyre data?

Yes, TyreWatch VanSmart can connect with your existing telematics platform to display tyre information.



Will TyreWatch VanSmart save me money?

Yes, TyreWatch will make a positive return on your investment. According to research 57% of van and car tyres are under-inflated; decreasing efficiency and increasing the risk of an incident.

TyreWatch VanSmart is proven to help keep your tyres at the correct pressure – so you will reduce rolling resistance, maximising the service life of your tyres and minimising fuel consumption. Critically, this will optimise the handling, braking and stability of the vehicles in your fleet. It will also reduce your carbon emissions, helping your contribution to the environment.

Can TyreWatch integrate with the OBD port on my vehicles?

Yes, TyreWatch is designed to integrate with the On-Board Diagnostic (OBD) port in your vehicles so it can operate as though it was factory fitted. For example, it could:

- use the existing OEM tyre pressure sensors
- display TyreWatch warnings on the driver information centre on the dashboard
- integrate with OEM load sensors to add load monitoring to the parameters that TyreWatch constantly analyses

TyreWatch will provide exactly the same benefits under white-label for all OEM and third-party telematic platforms. Additionally, your OEM service provider or in-house facility can benefit from TyreWatch diagnostic support during routine maintenance.

For maximum compatibility with global vehicle manufacturers, TyreWatch is designed to ISO 11898 and SAE J1939 CANbus standards.

Where is my TyreWatch VanSmart data used?

We value the tyre data we collect from your vehicles and use it to provide unbiased analytics on tyre performance. This is used for the benefit of your fleet and for us to improve TyreWatch technology. As an independent company we are free of any manufacturer bias, which ensures we provide impartial reports on tyre performance across your fleet.

How secure is my TyreWatch VanSmart data?

We take responsibility for your data very seriously. We employ sophisticated security protocols and will only share your tyre data and appropriate business data with your tyre service or vehicle maintenance providers.

Where can I get TyreWatch fitted?

We have a nationwide network of approved installers.



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