Tracking device selection reference

Compare installation, power and maintenance needs, and distinguish OBD power from vehicle diagnostics.

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Selection reference - confirm the actual device version and project configuration.

Wired or OBD tracker: how to choose

Compare WY320, Y18 and WYOBD by installation, required data and compatibility checks.

Start with the installation, the information you need and the actual vehicle. A permanent wired installation, a connection for peripherals and power through an OBD connector serve different project needs.

Device	Suitable requirements	Installation and checks
WY320	Tracking with compatible sensors, vehicle signals or other peripherals.	Twelve-wire harness. Check power, ACC, required signals and each peripheral.
Y18	A compact tracker for a permanent wired installation.	Four-wire installation with ACC input. Check mounting, power, alerts and reporting settings.
WYOBD	Sample evaluation, rental handovers and location visibility on compatible vehicles.	Power through the OBD connector. Check access, fitting space, vehicle and supported functions.

Choose for the task

For a long-term installation focused on location and ignition status, start by checking the Y18 fitting conditions. For additional sensor or vehicle-signal requirements, list the actual peripherals before discussing WY320 connections. More interfaces still require compatibility checks.

WYOBD plugs into the OBD connector for power on compatible vehicles. Check access to the connector and available installation space. Power through OBD does not establish support for vehicle diagnostics.

Include connectivity and software

Confirm the device variant, local network, SIM and data arrangements, and software account configuration. If you already use a platform, include its protocol and integration requirements. For an enquiry, describe the country, vehicle, installation and information you want to verify.

Product information and related pages

WY320 · Multi-Function Vehicle Telematics Unit / Y18 · Compact 4G Hardwired Tracker / WYOBD · 4G OBD Vehicle Tracker

Read guide - www.wooyane.com

Battery, solar or vehicle power: plan device maintenance

Compare power options based on access for maintenance, charging arrangements and reporting needs.

Consider how the device will be powered after fitting, when someone can reach it and who will handle charging or an issue. These practical conditions help choose a device version and reporting setup.

Power approach	Existing example	Maintenance considerations
Vehicle supply	Y18: wired installation with ACC input.	Power connection, mounting access and responsibility for checking status.
Rechargeable battery	W5: battery variants, USB and charge indication.	When the asset can be reached, charging and reporting needs.
Solar-assisted charging	WY806: solar and USB charging, screw or rivet fitting.	Sunlight, secure mounting, service access and supplementary charging.

Keep battery versions distinct

W5 is available in separate 3000, 6000, 10000 and 20000 mAh versions. Record the selected version. Reporting frequency, signal conditions and battery configuration affect the maintenance interval. Battery capacity alone does not establish how long the device will run between charges.

Include the real charging conditions

WY806 provides solar-assisted and USB charging. Select a secure position with suitable sunlight and maintenance access. Match charging and reporting arrangements to the asset's use, including how supplementary charging would be handled.

Before comparing versions, note how often the asset can be reached, how often information is needed and who checks the device. Assets returning to a depot and assets remaining in the field may need different arrangements. This planning example does not establish a battery-life claim.

Product information and related pages

Y18 · Compact 4G Hardwired Tracker / W5 · Rechargeable Asset Tracker / WY806 · Solar-Assisted Asset Tracker

Read guide - www.wooyane.com

OBD power and vehicle diagnostics: what to check

Separate the connector, device functions, vehicle compatibility and software support.

An OBD connector describes a connection point. To establish which functions are available, check the specific device, vehicle and software configuration.

Check	Question to resolve
Connector and power	Can this device fit and receive power at the vehicle connector?
Device and configuration	Which specific data and functions does this configuration support?
Vehicle	What is the make, model and year of the vehicle being checked?
Software	Can the platform receive and display the data needed for the task?

Ask for the data you actually need

If you need a VIN, fault codes, fuel data or CAN-related information, list each requirement. A device name containing OBD does not establish support for every vehicle data item. Confirm the exact scope against the selected device and vehicle.

WYOBD uses the OBD connector for power on compatible vehicles. Confirm access, fitting space and the functions of the selected configuration. If a platform is already in place, provide its protocol requirements too.

A more useful enquiry

Describe the vehicles and the data you want to see in your software. For example: “We plan to use these vehicle models and need these data items in our existing platform. Which device and configuration should we check?” This is an enquiry example, not a compatibility result.

Product information and related pages

WYOBD · 4G OBD Vehicle Tracker

Read guide - www.wooyane.com