

TAT240 Device placement in a vehicle

[Main Page](#) > [Autonomous Trackers](#) > [TAT240](#) > [TAT240 Manual](#) > TAT240 Device placement in a vehicle

TAT1XY Device placement in a vehicle

The thoughtful placement of an asset tracker in a vehicle is key to ensuring seamless tracking and obtaining accurate location. We categorize the mounting places into three groups based on expected GNSS signal strength, helping you make informed decisions when choosing the asset tracker's location in the vehicle.

High Signal Strength Locations:

- Front and rear bumper
- Glove box
- Behind the front or rear lights

Medium Signal Strength Locations:

- Under the car
- Central console compartment

Low Signal Strength Locations:

- Trunk
- Under the seat
- Door compartment



Glovebox



Tail Lights



Central Console



Underneath the car




Underneath the car

Understanding these specific mounting places in each category will guide you in strategically placing GPS asset trackers, maximizing their battery life, and ensuring reliable periodic location monitoring.

It is always a good idea to position the antenna in such a way that there is as little metal and other obstructions in the way towards the outside of the vehicle. Similar to the example where device is placed behind the rear lights - **it is better if antenna is facing the plastic light fitting instead**

of facing upwards to the metal vehicle frame.

While we have suggested categories and examples for optimal GPS tracker placement, it's essential to note that these are recommendations. **Every vehicle is unique, and factors like model, make, and construction materials can impact GPS signal reception differently.**

 Before installing a larger quantity of devices, **we strongly recommend conducting individual tests on your specific vehicles.** This will help identify the most suitable placement that aligns with your expectations and ensures optimal GPS signal strength.