



Photovoltaic panel connected to OBD





Overview

Hooking to the OBDII is fine, but keep in mind that connector port is not designed for constant plugging and unplugging to the port, and you cannot leave a solar charger connected while driving unless the charger is specifically designed for this. which the one you linked IS. Such devices are readily available commercially, of course, and generally consist of a small photovoltaic array that sits on the dashboard and a plug for the lighter socket. But as [Kerry] points out in the video below, most newer model cars no longer have lighter sockets that are wired to work. Could I connect to the ODB socket to trickle charge my car battery with a solar panel on my Toyota Prius 07, and how to?

Welcome to Motor Vehicle Maintenance & Repair! Are you talking about the 12v battery or the high voltage battery?

that's actually a good idea - some cars' cigarette lighter is. Trickle charge your vehicle's 12V battery with the Sunforce 4W Trickle Charger with OBD-II Connector. which the one you linked IS NOT. Alarms, immobilisers, and lock monitoring are examples of systems running in the background that can cause the battery to discharge even when the vehicle is not being used. Ideal for vehicles with lots of accessories and high parasitic loads. Powerful Performance: Pulse Technology reverses sulfate crystal buildup.



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- ✓ LIQUID/AIR COOLING
- ✓ INTELLIGENT INTEGRATION
- ✓ PROTECTION IP54/IP55
- ✓ BATTERY /6000 CYCLES



[Making an OBD-II Solar Trickle Charger - Kerry D. Wong](#)

Many adapters on the market intended for powering the car computers while chaining the battery (i.e. OBD-II battery saver) can be conveniently used to connect the solar panel to the car ...

Solar car float charger OBD2

The car is in a public lot, so I wanted a way to put the panel inside and I only wanted to float charge the battery at 13.5 volts as recommended by Battery University.



[SP-12 SolarPulse Charger/Maintainer OBD-A - PulseTech](#)

This charger can be installed and removed in minutes. The solar panel replaces the normal power loss from electrical accessories that occurs in seldom-used outdoor equipment, even when ignition is ...

battery charger

The OBD II socket is a terrible place to do that. While it does have always-hot power available, it is intended for a tiny amount of power for test equipment such as OBD II scanners.



OBDD Power Cable For Solar Panels

It provides a permanently 'On' link between a solar panel and your battery for long term battery maintenance. Order before 2pm for next working day delivery via DPD. Delivered between 3-9 ...



[BATTERYcharge SOLAR Cable OSPOBD , OSRAM Automotive](#)

Modern vehicles have a small but constant battery drain.



[Ring RSPOBDN 3A OBDD Solar Power Vehicle Cable 2m](#)

Connects solar panel maintainer to a vehicle battery via the OBDD port. Provides an 'On' link between a solar panel and battery for long term battery maintenance. Delivers a more efficient connection when ...



Standard 20ft containers



Standard 40ft containers

[4 Watt, 12-Volt Solar Battery Trickle Charger with OBDD-II Connector](#)



(1) OBD-II (On-board diagnostic) connector allows the solar panel to connect to the onboard diagnostics port in most modern vehicles for quick, safe and convenient battery charging



[Solar Panel Keeps Car Battery Topped Off Through OBD-II Port](#)

So he chose to connect his solar panel directly to the OBD-II port, the spec for which calls for an always-on, fused circuit connected directly to the positive terminal of the vehicle



[Would this Solar Battery Trickle Charger with OBD-II](#)

Using the OBD-II connector should be safe, as it's designed for diagnostics. If you're uncertain about compatibility or installation, I'd recommend reaching out to solar panel installers at ...





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