

# How to wire the micro-module sunroof



## Article Overview

A micro-module sunroof typically uses five wires: positive, negative, and three control wires connected to the central electric and comfort modules, with proper reset required after installation.

### Wiring Overview

Most micro-module sunroofs have five wires:

- Positive (+) and Negative (-): These supply power to the sunroof motor.
- Three additional wires: These are control signals that connect to the central electric module, the dashboard, and the comfort module for automated functions like auto-close or rain-sensing operation . The sunroof may require a reset procedure after installation to ensure proper operation, especially if it is integrated into a vehicle that did not originally come with a sunroof .

### Micro-Switch Function

A micro-switch is often located beneath a triangular flap between the sun visors. This switch ensures the sunroof stops in the fully raised position and acts as a backup to the limit switches. If the micro-switch is open or has a broken wire, the sunroof will not open electrically . To check or replace the micro-switch:

- Remove the sunroof hatch.
- Carefully pry off the triangular flap covering the micro-switch.
- Unsolder the wires from the old switch and solder them to the new one.
- Ensure the switch remains closed for the sunroof to operate in the open direction...

## Article Content

Folding Webasto Style Sunroof

Folding Webasto Style Sunroof - How Hard Can It Be? - posted in Problems, Questions and Technical: Hello all, I've

Sunroof Mechanism Installation Guide

The document provides instructions for removing and installing various sunroof components on vehicles. It includes sections on

ELECT-18, Sunroof Component Testing

Checking the Sunroof Micro-Switch for Proper Operation For the sunroof to operate in the open direction, the micro-switch between

Mini Workshop Service and Repair Manuals > Cooper S (R53) L4

The control unit has a 13-pin connector that provides the connection between the wiring harness, the switch and the K-bus. Two

Folding Webasto Style Sunroof

I've been thinking, how easy would it be to fit a webasto style sunroof to my mini Then think again!! It's bad enough

Mastering the Sunroof Installation Process: A Step-by-Step DIY Guide

When it comes to enhancing your vehicle's style and comfort, a sunroof can make a world of difference. I've always

How to Install a Sunroof: A Step-by-Step Guide

Learn to install an aftermarket sunroof safely. Covers structural compatibility, precision cutting, drainage, and maintaining vehicle

How Does the Motor Control Module Communicate with Sunroof

5.Diagnostic Interface: The motor control module may feature diagnostic capabilities to monitor the health and performance of the

Sunroof Component Testing

For the sunroof to operate in the open direction, the micro-switch between the sun visors must be closed and must remain closed. If

Wiring up sunroof part 1

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Replace Your Sunroof Switch: Complete DIY Guide

A faulty sunroof switch can leave your sunroof stuck in one position, preventing you from opening, closing, or tilting it as needed.

#### Webasto Sunroof Wiring Diagram

Webasto Sunroof Wiring Diagram Understanding Webasto Sunroof Wiring Diagrams Automobile enthusiasts often

#### Sunroof Installation and Adjustment Guide

The document provides instructions for servicing a vehicle sunroof. It describes: 1. The various components of the sunroof assembly

#### How to Repair Your Car's Sunroof

The sunroof (or moonroof) of your car is a prime place for leaks to appear. However, before you mar your paint with

Sunroof micro switch wire arrangement. Anyone willing to lend

Clarks-garage might have it. Pelican Parts has the wiring diagrams on their site somewhere as well.

#### Sunroof Mechanism Installation Guide | PDF | Electrical Connector

The document provides instructions for removing and installing various sunroof components on vehicles. It includes sections on

#### Sunroof Control Module Replacement Cost Estimate

Sunroof Control Module Replacement costs between \$449 and \$559 on average. Get a free detailed estimate for a

Close windows & sunroof from key remote

Electrical - Close windows & sunroof from key remote - I finally got around to installing the KPT MM21 key remote

#### Tech Webasto

What could be more enjoyable than breathing fresh air and having the feeling of freedom while riding in your car? With a Webasto

#### ELECT-18, Sunroof Component Testing

Below are diagrams showing the early and late model sunroof limit switches and wiring connections and a table showing the limit

#### Sunroof Control Wiring Diagram | PDF | Automotive Industry

The diagram shows the connections between the sunroof switch, sunroof control module and motor, vehicle speed sensor,

## TIDA-01389 reference design | TI

This reference design is a small-footprint motor control module intended for sunroof and window-lift applications. This design uses

### Small-Footprint Sunroof Motor Module Reference Design

Description The TIDA-01389 is a small-footprint motor control module intended for sunroof and window lift applications. This TI

### Sunroof Module Installation Guide

This manual provides step-by-step instructions for installing a module to operate the sunroof of a Punto vehicle by connecting and

### Asc Sunroof Wiring Diagram

That's why the Asc Sunroof Wiring Diagram is so essential. The Asc Sunroof Wiring Diagram is a detailed, easy-to

### Sunroof Control Wiring Diagram | PDF | Automotive Industry

The 3 sentence summary is: This document provides a wiring diagram for a sunroof control system. The diagram shows the

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.watermanfinance.co.za>

Email: [sales@watermanfinance.co.za](mailto:sales@watermanfinance.co.za)

Phone: +49-176-8294713

Address: Neue Mainzer Str. 66-68, 60311 Frankfurt am Main, Germany

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