

# 02-177: 2.1m Cab Power Window Troubleshooting

5/6/2026

[Edit](#) [Clone](#)

02-177

## Subject

2.1m Cab Power Window Troubleshooting

## Whats New Abstract

Troubleshooting procedures for 2.1m cab power windows are now available.

## Condition

The attached troubleshooting procedures help to restore power window functionality and prevent unnecessary replacement of window regulators and door control modules.

## Chassis Affected

All T180, T280, T280 battery electric vehicle (BEV), T380, T380 BEV, T480, T480 BEV, T680, T680 BEV, T880, T880 BEV, and W990 equipped with power windows

## Action

### Informational

When addressing customer concerns related to window functionality, the attached troubleshooting procedures should be utilized.

## Warranty

**This bulletin is for informational purposes only and is not a proactive campaign.** Do not reference this bulletin number in the campaign code section when filing claims. Refer to the SRT tables in PACCAR Registration and Warranty System for applicable SRTs. Please consult Service Information Record for chassis warranty coverage, if applicable.

## Parts

If parts are needed, they are available from PACCAR Parts.

Refer to ECAT for the specific chassis if replacement parts are needed.

The asterisks (\*) in the part numbers below indicate part number variations. Door module and harness part numbers are option specific. Multiple configurations exist and parts must be verified through ECAT

before ordering.

Quantity	Part Number	Description
1*	Q27-1043-1***	CONTROL-DOOR, DRIVER-2.1m
1*	Q27-1044-1***	CONTROL-DOOR, PASSENGER-2.1m
1*	Q27-1047-1***	CONTROL-DOOR DRIVER DVS-M-2.1m
1*	P47-1029-1**	KIT-REMOTE KEYLESS ENTRY (VMUX/EMUX)
1*	S92-1281-220	HARNESS-DOOR NMD
1*	S92-1281-120	HARNESS-NMD KW DOOR 2.1m
1*	S92-1050-400	HARNESS-LH DOOR 2.1m
1*	S92-1051-200	HARNESS-RH DOOR 2.1m



## NOTE

Any silicone-based lubricant can be used where mentioned within the troubleshooting procedure.

## Procedure



## WARNING!

Repair or maintenance procedures may pose a safety risk in limited circumstances. You must read all procedure steps before performing any work and follow all dealership safety procedures or precautions. Failure to comply may result in death, personal injury, equipment damage, or property damage.

**WARNING!**

**If you are working on a 2.1m New Medium Duty BEV and it is not equipped with the P088 service disconnect switch, reach out to your field service representative for direction on how to make the system safe for maintenance. Failure to comply may result in death, personal injury, equipment damage, or property damage.**

Please see the Attachments section below for model-specific procedures for troubleshooting cab power window functionality issues.

## Attachments

---

[02-177: 2.1m Cab Power Window Troubleshooting - HD Procedure](#)

[02-177: 2.1m Cab Power Window Troubleshooting - NMD Procedure](#)

[02-177 2.1m Cab Power Window Troubleshooting - 2.1m MD BEV Disabling/Reenabling the 12V system](#)

[02-177 2.1m Cab Power Window Troubleshooting - BEV T880 and VMY26 and Newer](#)

[T680 Disabling/Reenabling the 12V System](#)

[02-177 2.1m Cab Power Window Troubleshooting - BEV 2.1m Disabling/Reenabling the 12V System](#)

# 02-177: 2.1m Cab Power Window Troubleshooting

5/6/2026

[Edit](#) [Clone](#)

02-177

## Subject

2.1m Cab Power Window Troubleshooting

## Whats New Abstract

The troubleshooting procedures for 2.1m cab power windows have been updated to provide additional detail.

## Revision

**05/06/2026:** The troubleshooting procedures have been updated to improve formatting and provide additional detail.

## Condition

The attached troubleshooting procedures help to restore power window functionality and prevent unnecessary replacement of window regulators and door control modules.

## Chassis Affected

All Model 535, 536, 536 battery electric vehicle (BEV), 537, 537 BEV, 548, 548 BEV, 567, 567 BEV, 579, 579 BEV, and 589 equipped with power windows

## Action

### Informational

When addressing customer concerns related to window functionality, the attached troubleshooting procedures should be utilized.

## Warranty

**This bulletin is for informational purposes only and is not a proactive campaign.** Do not reference this bulletin number in the campaign code section when filing claims. Refer to the SRT tables in PACCAR Registration and Warranty System for applicable SRTs. Please consult Service Information Record for chassis warranty coverage, if applicable.

## Parts

If parts are needed, they are available from PACCAR Parts.

Refer to ECAT for the specific chassis if replacement parts are needed.

The asterisks (\*) in the part numbers below indicate part number variations. Door module and harness part numbers are option specific. Multiple configurations exist and parts must be verified through ECAT

before ordering.

Quantity	Old Parent Part Numbers	New Parent Part Numbers	Description
1*	R21-1019	R21-1022	Driver Door Window Regulator
1*	R21-1019R	R21-1022R	Passenger Door Window Regulator
1*	S92-6485-001	S92-6416	Driver Door Harness
1*	S92-6485-002	S92-6417	Passenger Door Harness

\*Order as needed.

Quantity	Part Number	Description
1*	Q27-6081-****	Driver Door Control Module
1*	Q27-1028-****	Driver Door Control Module
1*	Q27-6082-****	Passenger Door Control Module
1*	Q27-1029-****	Passenger Door Control Module

\*Order as needed.



## NOTE

Any silicone-based lubricant can be used where mentioned within the troubleshooting procedure.

## Procedure



### WARNING!

Repair or maintenance procedures may pose a safety risk in limited circumstances. You must read all procedure steps before performing any work and follow all dealership safety procedures or precautions. Failure to comply may result in death, personal injury, equipment damage, or property damage.



### WARNING!

If you are working on a 2.1m New Medium Duty BEV and it is not equipped with the P088 service disconnect switch, reach out to your field service representative for direction on how to make the system safe for maintenance. Failure to comply may result in death, personal injury, equipment damage, or property damage.

Please see the Attachments section below for model-specific procedures for troubleshooting cab power

window functionality issues.

## Attachments

---

[02-177 2.1m Cab Power Window Troubleshooting - HD Procedure](#)

[02-177 2.1m Cab Power Window Troubleshooting - NMD Procedure](#)

[02-177 2.1m Cab Power Window Troubleshooting - 2.1m MD BEV Disabling/Reenabling the 12V system](#)

[02-177 2.1m Cab Power Window Troubleshooting - BEV 567 and VMY26 and Newer 579](#)

[Disabling/Reenabling the 12V System](#)

[02-177 2.1m Cab Power Window Troubleshooting - BEV 2.1m Disabling/Reenabling the 12V System](#)