# TruckWings™ Driver Reference Card

# **USM.0021 Ver. 2.0** April 24, 2023

TruckWings™ Driver Reference Card XS-TD22024 REV A *(PDF attached).*

truckwings
Active Aerodynamics

# Driver Reference

## What are they?

**TruckWings™** are an active aerodynamic device that automatically closes the gap between the cab and the trailer while the truck is operating at highway speeds to reduce drag, improve handling, and save fuel.



**Speed < 50 mph**
**Panels Retract**



**Speed > 52 mph**
**Panels Deploy**

## How do they Work?

**TruckWings open automatically and require no driver input to deploy.** When a trailer is hooked up, the panels will auto-deploy at speeds above 52 mph.
The panels immediately retract against the cab when speed drops below 50 mph in time for turning maneuvers.

**Scan QR code to see TruckWings video in action & learn more**

## How are TruckWings controlled?




**TruckWings are designed to be fully automatic.** The in-dash controller reads vehicle speed and trailer distance to automatically send a signal to deploy or retract the TruckWings.

**When driving, leave the toggle cover closed for automatic operation.**

| Toggle Position | Operation Modes - TruckWings Controller |
|---|---|
| ↗ | **Test Mode:** ⚠ Ensure the catwalk is clear before engaging Test Mode. Manually open Panels *only* if no trailer is detected and truck is stopped. |
| → | **Service Mode**<br>Panels are manually retracted at all speeds. |
| ↘ | **Auto Mode - Driver Default Setting**<br>Leave in down position with switch cover closed for auto-deployment. |

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