

V-sp@ilers



Please, read this Guide carefully before installation. Please note that modification of the installation pattern such as changing orientation of V-Spoilers vortex generators or placing the generators closer to each other could degrade the V-Spoilers performance or result in unexpected side-effects. V-Spoilers takes no responsibility for installation procedures different from the ones specifically provided for.

An information video can be viewed online on YouTube by [\(Clicking Here\)](#)

General: Work should be performed in compliance with all local safety codes, labor laws, hazardous material and environmental handling regulations etc.

Please ensure that the vehicle manufacturer (OEM) cleaning guidelines are followed. Vehicle should be on level ground with wheels chocked.

Package contents: V-Spoilers system consists of a set of 4 vortex generators per strip, which can be mounted on a cab or truck trailers. Usually 15 strips of 4 generators are enough for a typical truck cab and 20 strips are needed for a typical 259 cm / 102" wide trailer.

Installation conditions: Attaching V-Spoilers vortex generators to a vehicle must be performed from a scaffold, ladder or other appropriate platform providing stable, non-slippery and otherwise safe support to anyone performing the installation.

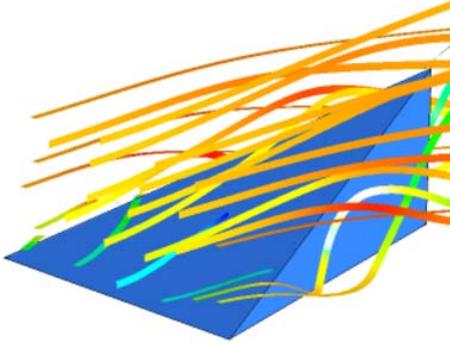
For best adherence and results, please ensure that the installation occurs in dry, well-ventilated environment at temperatures between 10°C / 50°F and 43°C / 110°F to guarantee the bond strength. Please allow 24 hours to let the adhesive to settle before washing the vehicle.

Equipment Required:

- Light dish soap / detergent, water, a degreasing agent (if necessary) mineral (white) spirits or other cleaning solvents such as 50/50 mixture of Isopropyl Alcohol with water, wax and grease removers (not included).
- Do **NOT USE** Windex or any agent containing ammonia.
- Tape measure, straight edge, washable marker pen.
- Scaffolding, wheel chocks, work platform (preferred) or secured ladder.

Location: V-Spoilers are installed as close as possible to the rear (trailing) edges of the vehicle and with the wide leading edge vertical. If the V-Spoilers must be moved forward to avoid rivet heads, obstacles, awning bars etc., keep the wide ends of the V-Spoilers within 12-18 inches of the back for optimum performance. Placement examples: forward of wheel wells, on slung tool boxes, trailing edges of trailer & tank skirts etc.

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V-Spoilers must be installed with the larger, opened end facing the front of the truck for optimum performance and fuel savings.

Applications:

Trailers: Place V-Spoilers forward of roof rain ridges.

Tractors: Install V-Spoilers on flat surfaces. Surfaces should be smooth and flush as to ensure that the majority of the 3M tape is in full contact. If a gap occurs, adherence and performance degradation will occur.

NOTE: Do not install V-Spoilers on loose, poorly installed, porous, non-smooth surfaces including vinyl or other type material.

Disclaimer of Liability The actual installation process and handling of this product by installers are beyond V-Spoiler™, AirFlow Deflector's™ or other affiliate's (Referenced as "V-Spoilers") control. V-Spoilers does not assume responsibility for loss, damage or expense resulting from improper installation, handling or use.

Limited Warranty

V-Spoiler provides a 30-Day Return Window (Return of Non-Defective Products) and the following limited warranty. This limited warranty extends only to the original purchaser.

Please note that any warranty services or questions must be accompanied by the order number from the transaction through which the warranted product was purchased. **The order number serves as your warranty number and must be retained.** V-Spoiler will offer no warranty service without this number.

V-Spoiler warrants this product and its parts against defects in materials or workmanship for **one-year parts** from the original ship date. During this period, V-Spoiler will repair or replace defective parts with new parts at V-Spoiler option, without charge to you.

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