

The logo for Spraydown is located at the top of the page. It consists of the word "spraydown" in a white, lowercase, sans-serif font on a dark blue background. To the right of the text is a decorative graphic of light blue circles of varying sizes, arranged in a pattern that tapers to the right.

spraydown

Spraydown Spray Suppression Parts Catalogue

Delivering Fuel Savings
Reducing Spray
Improving Safety

About Spraydown & Benefits

- Spraydown is a type approved spray suppression mud flap. Its innovative air/water separator technology offers benefits above and beyond its competition.
- With an ever increasing customer base in the UK commercial vehicle market, Spraydown flaps are being fitted to all makes of truck, trailer, and rigid bodies.
- In both independent and fleet trials Spraydown repeatedly deliver fuel savings of between 1 – 3%
- Superior Spray Suppression ensures better visibility for both drivers and other road users, and improves road safety.
- Lower and tighter spray plume means cleaner vehicles.
- The design of the flap allows easier cleaning making it especially suitable for dairy vehicles.
- With increasing fuel costs and a desire to improve environmental and road safety concerns, Spraydown provides a safe, green, and value for money solution to spray suppression.

Airflow Management

Absorber flaps

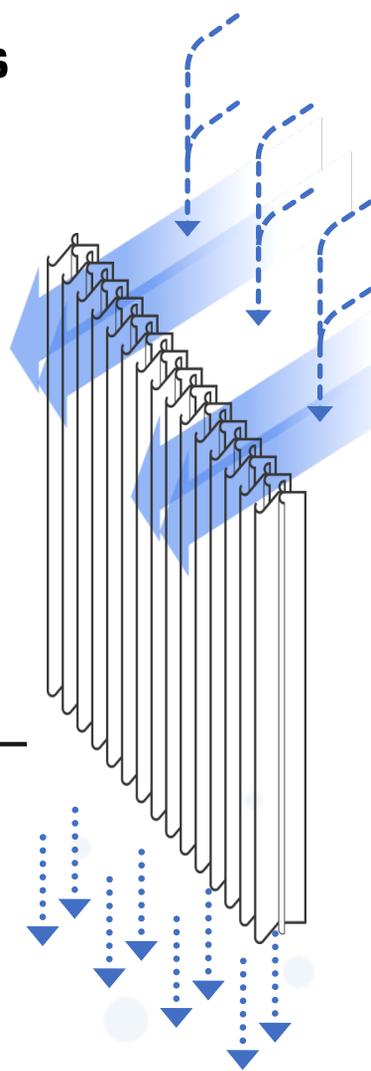
- Traditional flaps act as a barrier
- Air deflection adds to turbulence under vehicle
- Creates a differential between air flow over & under the vehicle
- This gives a 'low air pressure' region at back of vehicle
- Low pressure region causes increase in drag

Spraydown flaps

- Spraydown allows air to flow through the flap
- Turbulent air flow under the vehicle is reduced
- Low air pressure region is reduced, leading to a reduction in drag
- Reduction in drag improves fuel efficiency and reduces CO² emissions



How It Works



Direction
of airflow
and spray

1. Spray enters the flap and is forced to change direction

2. Air passes through while water is collected and deposited onto the road

3. The flap suppresses water for improved visibility

(and improves airflow which reduces CO₂ emissions)



Energy Absorber Flaps

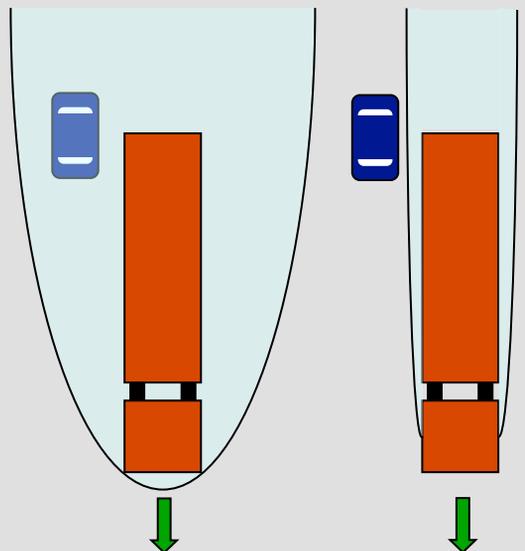


Spraydown Flaps

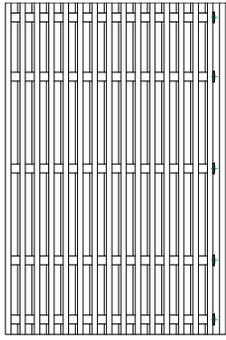
Spraydown improves visibility for road users

Energy Absorber Flaps

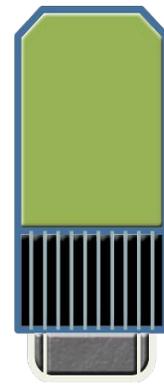
Spraydown Flaps



Standard Sizes



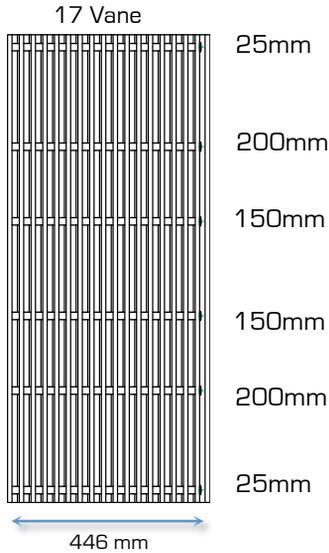
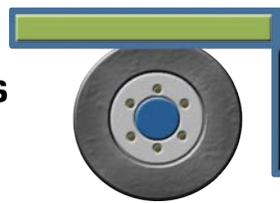
25mm
100mm
Even spaced
100mm
25mm



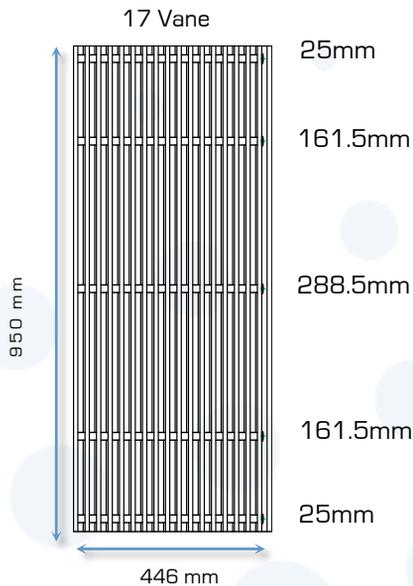
Part No	Number of Vanes	Width (mm)	Length (mm)	Part No	Number of Vanes	Width (mm)	Length (mm)
STD00.393.400	15	393	400	STD00.526.610	20	526	610
STD00.393.500	15	393	500	STD00.552.560	21	552	560
STD00.393.560	15	393	560	STD00.552.610	21	552	610
STD00.393.610	15	393	610	STD00.605.560	23	605	560
STD00.393.800	15	393	800	STD00.605.610	23	605	610
STD00.446.500	17	446	500	STD00.605.670	23	605	670
STD00.446.560	17	446	560	STD00.605.700	23	605	700
STD00.446.610	17	446	610	STD00.632.560	24	632	560
STD00.446.850	17	446	850	STD00.658.460	25	658	460
STD00.499.440	19	499	440	STD00.658.560	25	658	560
STD00.499.540	19	499	540	STD00.658.610	25	658	610
STD00.499.560	19	499	560	STD00.685.460	26	685	460
STD00.499.650	19	499	650	STD00.685.560	26	685	560
STD00.499.750	19	499	750	STD00.685.650	26	685	650
STD00.526.300	20	526	300 *				

* 3 tie bars evenly spaced

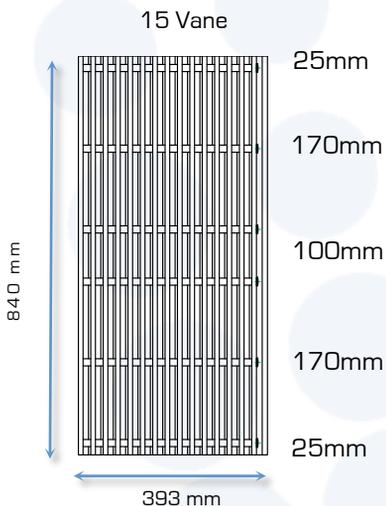
Spat & Valance Trailer Applications



GAA Part No.	No. of Vanes	Width mm	Length mm
GAA00.446.890	17	446	890
GAA00.446.930	17	446	930
GAA00.446.940	17	446	940
GAA00.446.960	17	446	960
GAA00.446.990	17	446	990
All GAA parts have 6 tie bars and spacing per diagram			
CMP00.B7228	Fitting bracket to suit GAA parts		



SCB Part No.	No. of Vanes	Width mm	Length mm
SCB00.446.950	17	446	950
SCB parts have 5 tie bars and spacing per diagram			
CMP00.B10042	Fitting bracket to suit Schmitz wing stay		

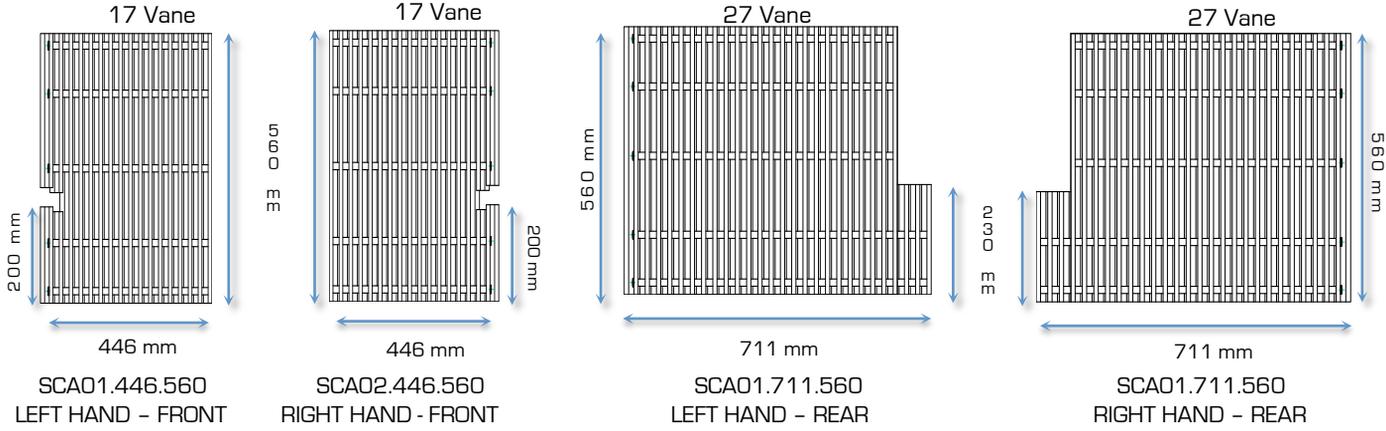


MON Part No.	No. of Vanes	Width mm	Length mm
MON00.393.840	15	393	840
MON parts have 6 tie bars and spacing per diagram			
CMP00.B7224	Fitting bracket to suit		

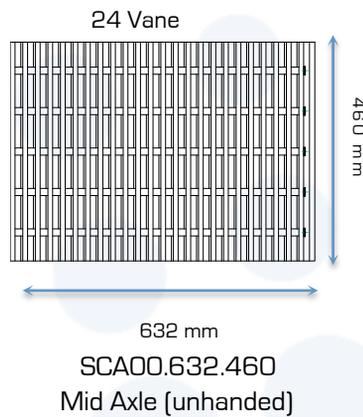
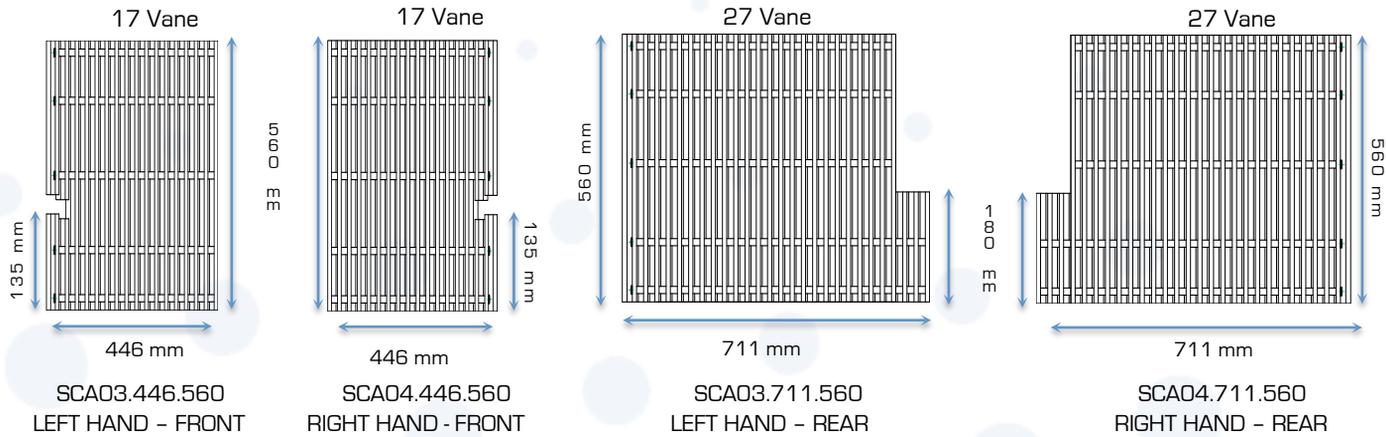
Truck Applications

Custom Made Spraydown Mudflaps

To suit SCANIA Front & Rear Axle



To suit SCANIA Front & Rear Axle -MAX Ground clearance



Truck Applications Spraydown Mudflaps

To Suit	Model	Part No. Front Axle	Part No. Mid Axle	Part No. Rear Axle
DAF (12MY onwards)	CF 75 & 85 XF 105	STD00.605.700	STD00.685.560	STD00.685.430
DAF (Pre 12MY)	CF 75 & 85	STD00.605.670	STD00.658.460	STD00.658.460
MAN	TGA 26.440	STD00.446.560	STD00.658.560	STD00.658.560
MAN	TGX or TGS 24.440 & 26.440	STD00.446.500	STD00.499.540	STD00.685.560
Mercedes Euro 5	AXOR	STD00.446.560	STD00.552.560	STD00.658.560
Mercedes Euro 6	Actros	STD00.446.560	STD00.552.560	STD00.685.150*
Volvo	FM & FH	STD00.499.750	VOL01.685.560 VOL02.685.560**	VOL01.685.560 VOL02.685.560**

**VOL01 are left hand parts, VOL2 are right hand parts.

Spraydown can be fitted to all makes and models of trucks & Rigid.
The above are popular requirements.

If you do not see the vehicle of your choice above please contact Spraydown for assistance or use the fitting guides supplied on the following pages to identify the Spraydown sizes you require. Always remember to install the Spraydown system in compliance to Regulation EU 109/2011

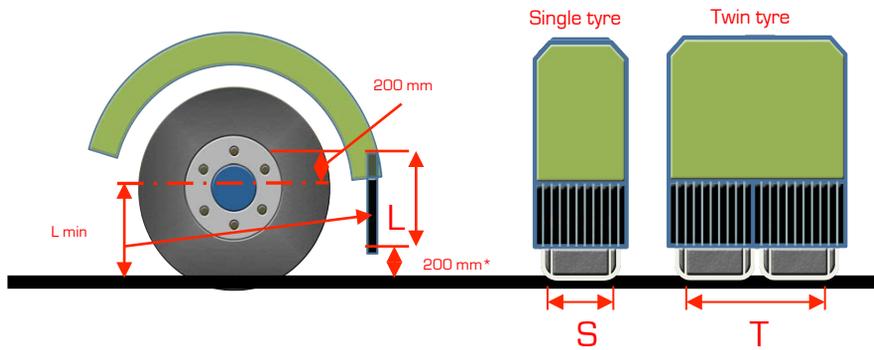
Spraydown Fittings

All Spraydown mud flaps require CMP brackets for fitting – refer to fitting guides



*Fittings required for rear axle flap Mercedes Euro 6 Actros

How to measure your vehicle for Spraydown Mud flaps



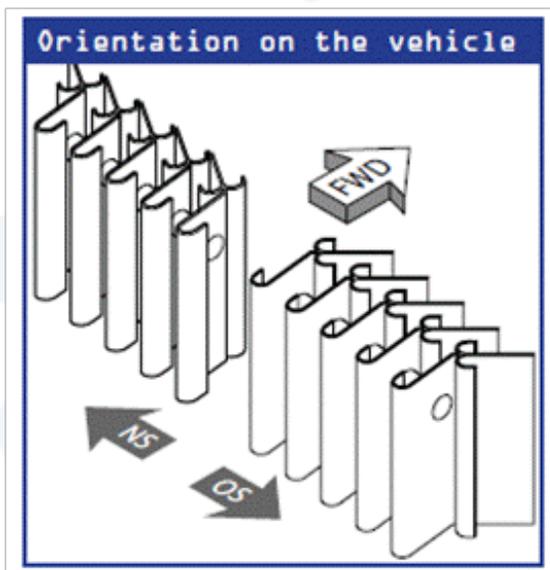
To determine length of flap:

1. Measure distance from ground to centre of wheel (L min). This is the minimum length of the Spraydown part required.
2. Ensure there is at least 200 mm insertion into the mud guard.
3. If not, increase length 'L' until there is enough insertion and check against standard Spraydown sizes*.

To determine width of flap:

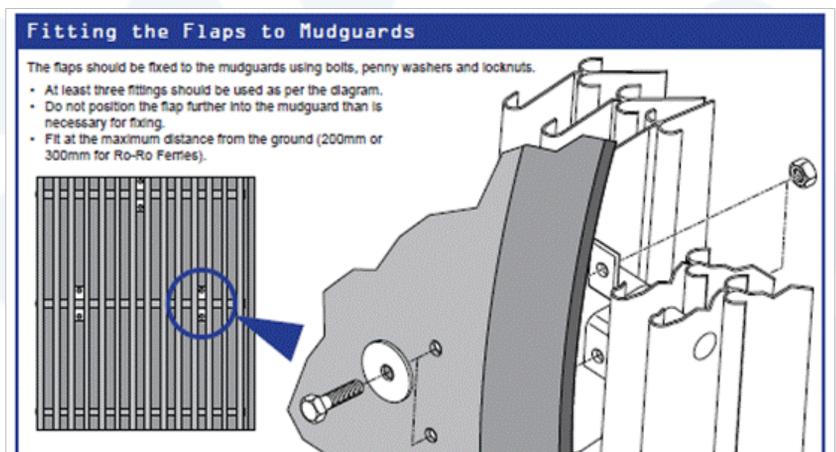
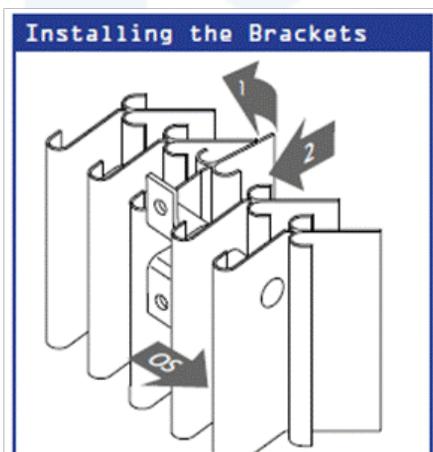
1. Measure maximum internal width of mud guard.
2. Ensure this measurement is greater than width of tyre(s) and bulge(s) (S or T).
3. If yes, check this measurement against standard Spraydown sizes.
4. If no, the mud guard may not comply with the Regulation. Check with mud guard supplier.

*May be raised to 300mm if manufacturer deems it technically appropriate with regard to the suspension characteristics

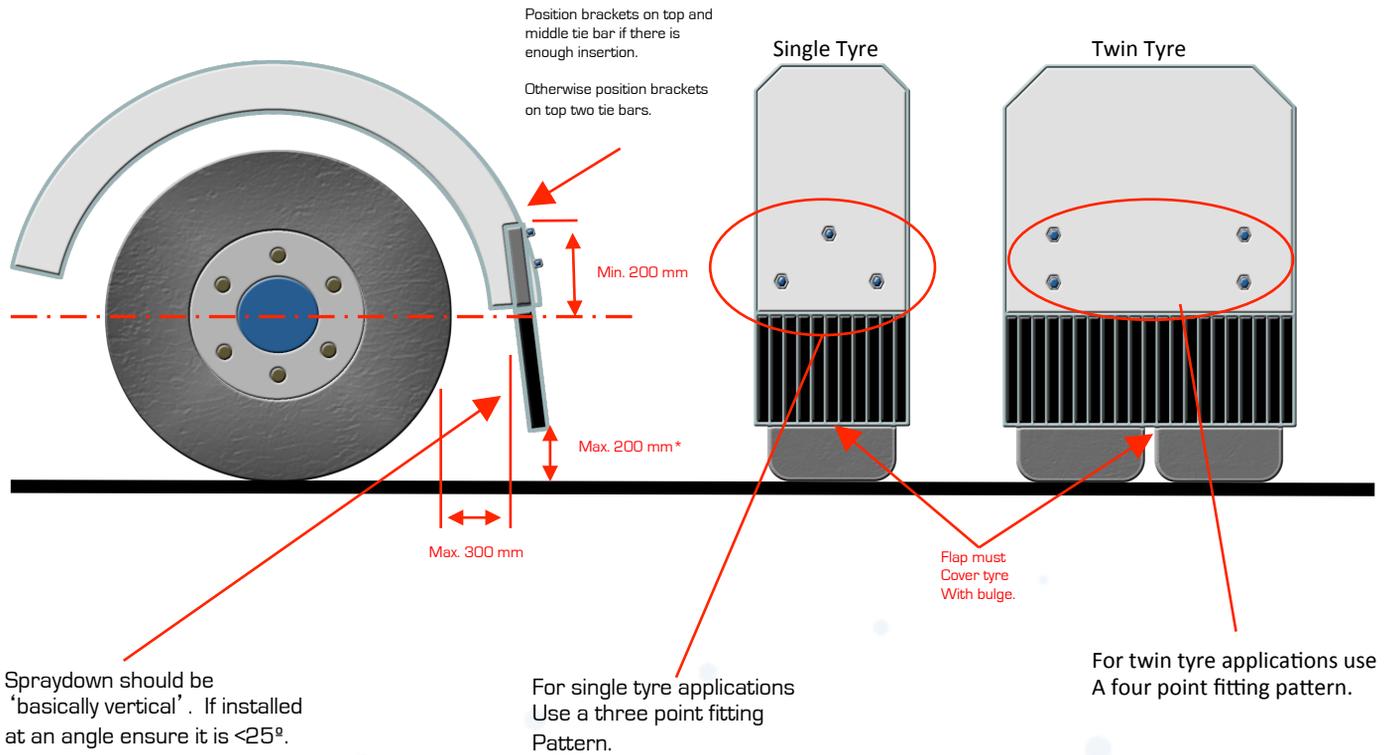


Orientation of Spraydown parts

- Angled vanes should point out board.
- Only one hole per bracket needs to be used for mounting.
- Both holes can be used for extra strength.
- Always use M8 bolts, locknuts and washers.

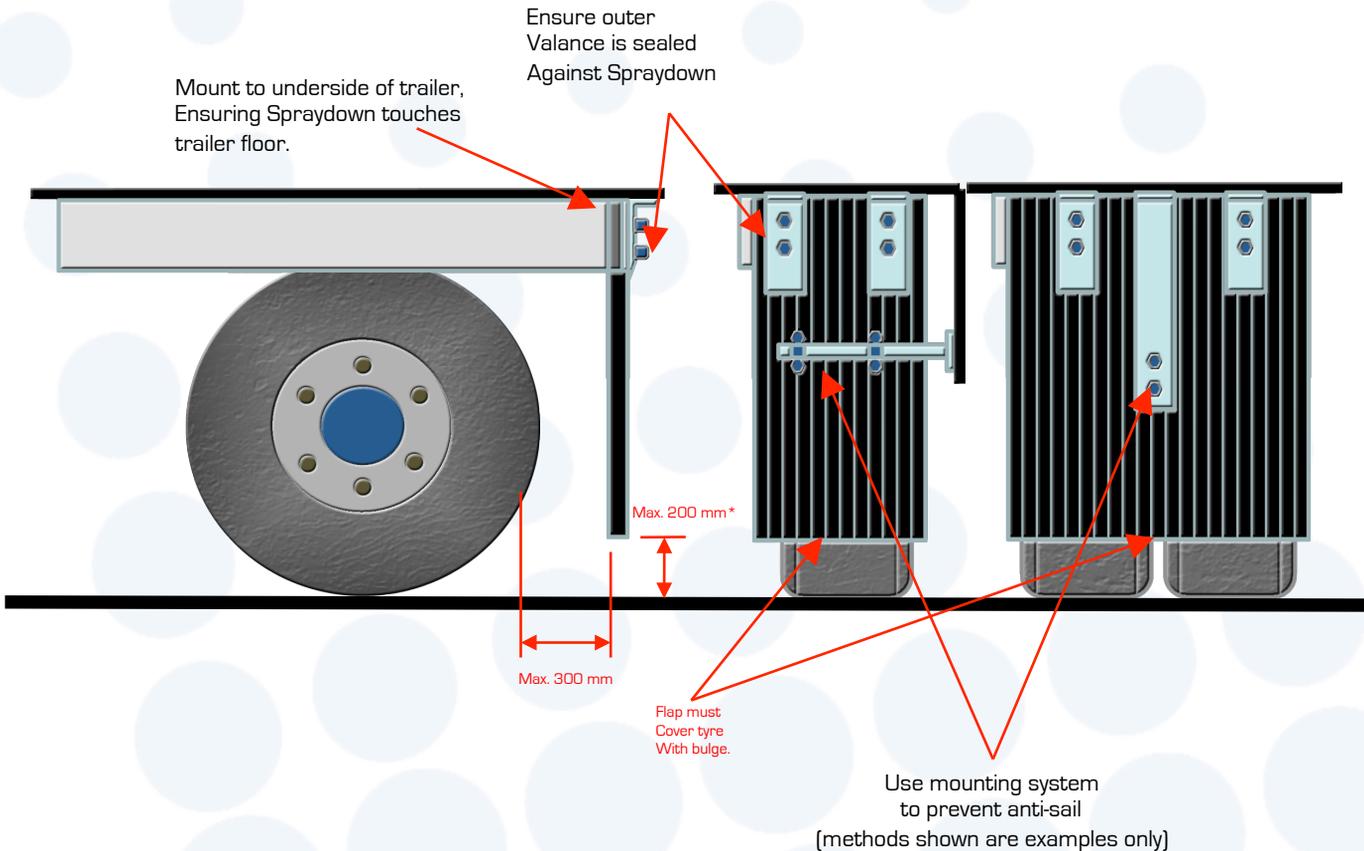


Fitting to mudguard



Fitting to bodywork installation

(without mudguard)

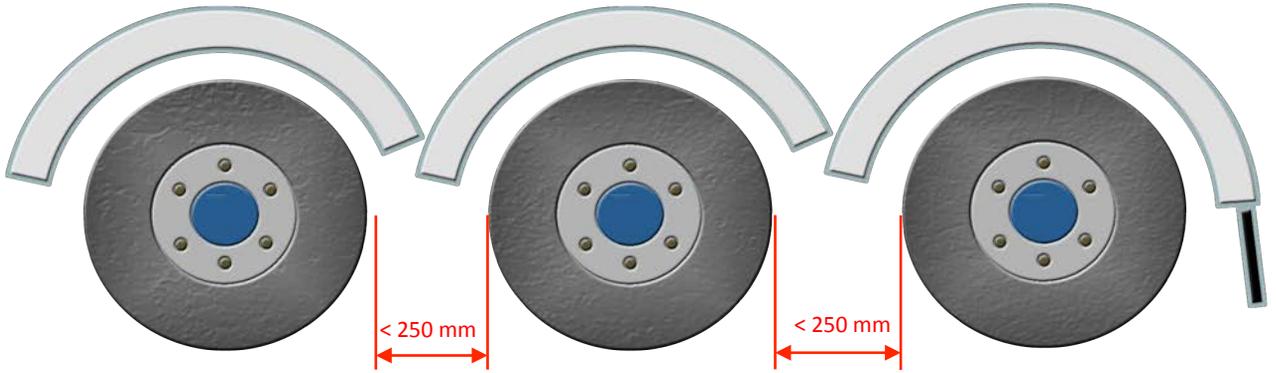


Please ensure that Spraydown is fitted in compliance with EU Regulation 109/2011 for more information or assistance please contact Spraydown Solutions directly.

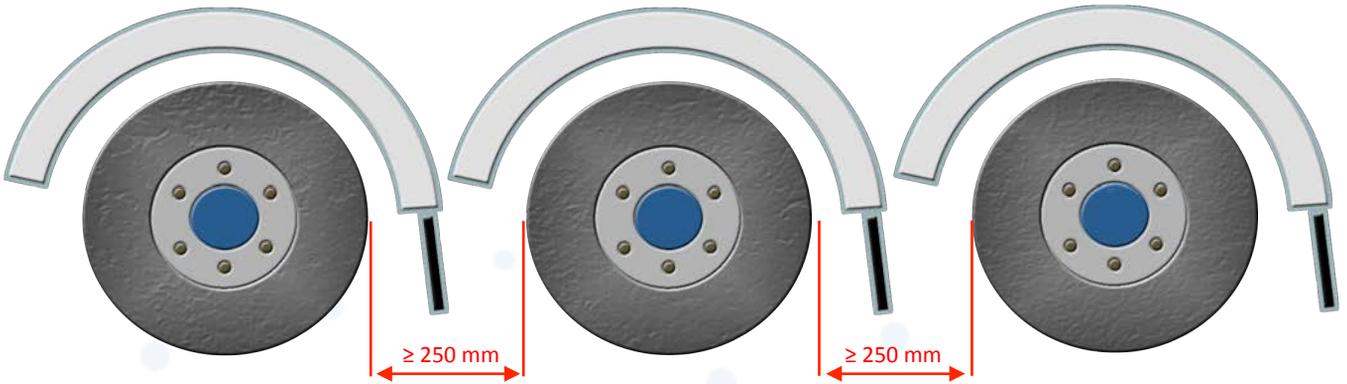
*May be raised to 300mm if manufacturer deems it technically appropriate with regard to the suspension characteristics

Multiple configuration - Mudguard

Tyre distance < 250mm = flap behind rearmost wheel only

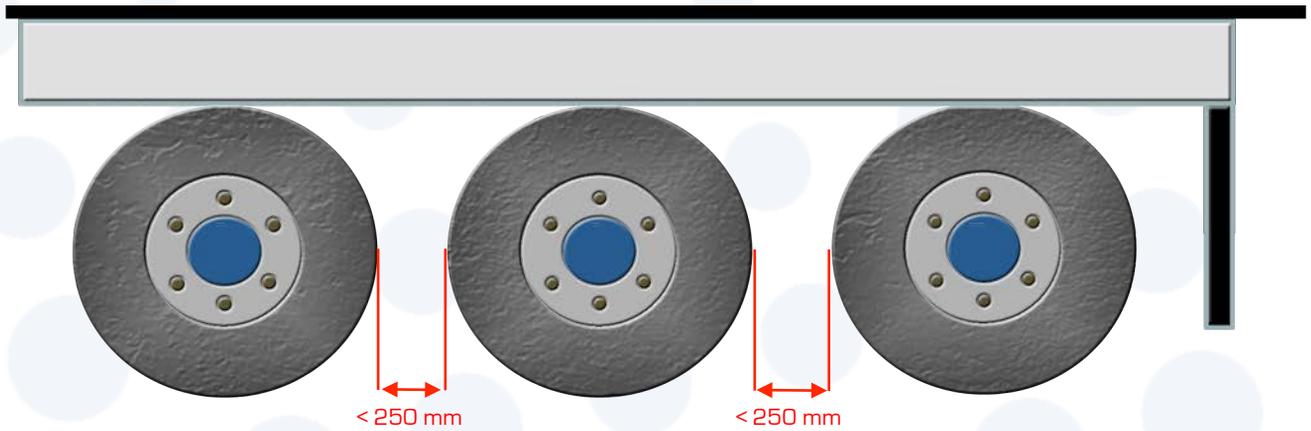


Tyre distance \geq 250mm = flap behind each wheel

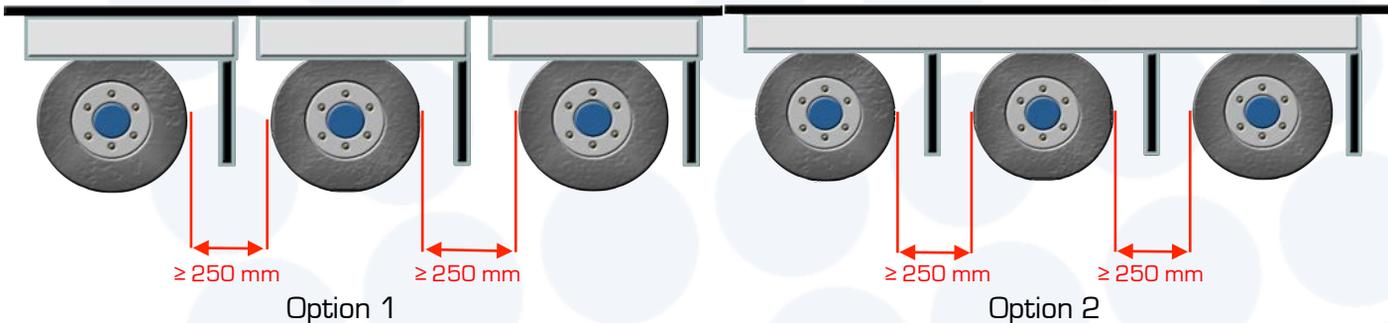


Multiple configuration - Bodywork

Tyre distance < 250mm = flap behind rearmost wheel only



Tyre distance \geq 250mm = flap behind each wheel



Join a growing list of fleets enjoying the benefits of Spraydown Spray Suppression.

This new technology in offers the following benefits:

- Fuel Savings of between 1% - 3%
 - 2.3% Supermarket fleet 18T rigid
 - 1.8% Supermarket fleet 26T rigid
 - 2.2% UK haulage fleet
 - 1.5% Dutch Test Institute TNO 'Truck of the Future'
 - 3.7% TRL Track test (Volvo & triaxle trailer)
- Dramatic reduction in Spray, improving driver safety
- Cleaner vehicles



Spraydown mud flaps have been trialled and validated by some of the most recognised fleets in the UK.



"We have seen how a small change to Spraydown mud flaps can make a significant impact towards improving safety and reducing operational costs."

Nigel Sim, Fleet Service Manager, Co-operative Group



Fowler Welch are fully committed to reducing emissions and improving the driving conditions for both our drivers and other road users. To meet these requirements, Spraydown Spray Suppression has proven itself as a vital component in the ongoing development of our commercial fleet. Since the adoption of the Spraydown technology in 2011 the benefits have been consistently favourable and the ongoing support from the Spraydown team is first class.

Paul Allera, Head of Fleet, Fowler Welch



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