

20/20 Cats  
Whiskers®

Make sure  
you demand  
it!

THIS IS YOUR  
NORMAL VIEW  
THROUGH A  
WINGMIRROR  
IN WET WEATHER

SEE THE  
DIFFERENCE  
WHEN YOUR  
VEHICLE IS  
FITTED WITH  
CATS WHISKERS

crystal clear

### ROAD SPRAY: A DANGER TO ALL DRIVERS AND ROAD USERS

When the weather is bad, drivers have a lot to contend with. Poor visibility, slippery roads and extra stress all increase the risk of an accident. But there is another hazard – road spray caused by heavy goods vehicles. Even at relatively low speeds, the wheels of heavy vehicles pick up water from the road and hurl it against the mud guard or mud flap. The water breaks up into a fine spray which is then blown out from the sides and rear of the vehicle to form a moving cloud of moisture.

The spray not only obscures the view of overtaking drivers, but also the truck driver's rear vision. Either way it's **dangerous** and even potentially **lethal** – and it does nothing to improve the somewhat tarnished image of heavy goods vehicles. For years motorists have been saying that there ought to be a law against it. **There is a law against it!**

**Legislation means that HGV's will have to be fitted with spray suppression. The problem is, as the IRTE has pointed out, many legal systems are not that good at the job.** So you pay the money for spray suppression – and you carry on throwing up spray. There is one system that not only complies with the Law; it helps you show your drivers and the world that you care about road safety – **the 20/20 Cats Whiskers® Spray Suppressant System. Make sure you demand it!**



Capital



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cats whiskers  
catalogue

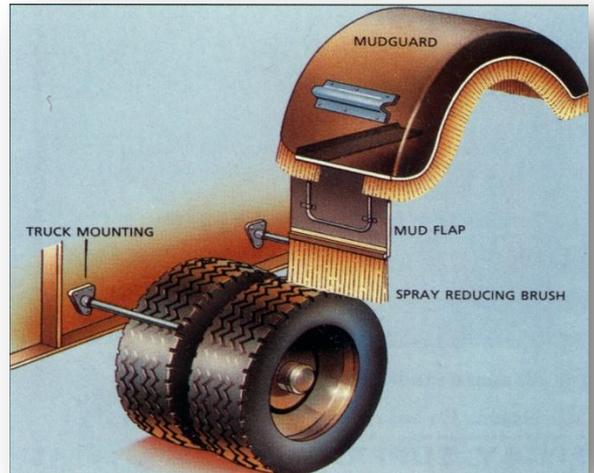
# the 20/20 Cats Whiskers®

VEHICLE SPRAY-SUPPRESSION SYSTEM

## COMMITMENT TO PROTECTING YOUR REPUTATION

20/20 CATS WHISKERS® is a spray suppression system that does not just cut down spray – it virtually eliminates it because 20/20 CATS WHISKERS® has a revolutionary design that incorporates a unique all-plastic air/water separator. Unlike competitor's absorptive flap systems, it can be fitted very close to the tyre, virtually sealing the gap between the wheel and the mudguard.

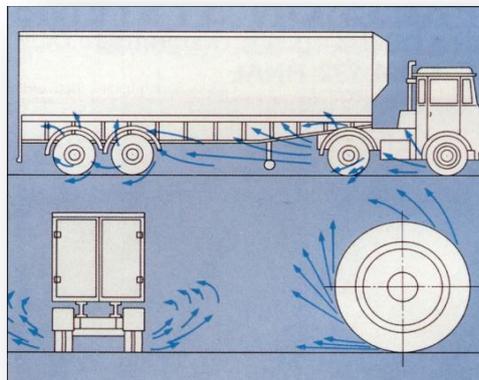
The 20/20 CATS WHISKERS® system is fitted all around the wheel and acts as a kind of filter allowing air to pass through but converting the spray mist into larger droplets which fall back to the road. Under all conditions, including very heavy crosswinds, 20/20 CATS WHISKERS® dramatically reduces spray. In fact, in tests carried out by Systems Technology Incorporated of California, the 20/20 CATS WHISKERS® SPRAY SUPPRESSANT SYSTEM was shown to offer 97% visibility while flap systems could only manage 70%.



## 20/20 CATS WHISKERS® DELIVERS A COMPLETE SOLUTION

Not only is there a 20/20 CATS WHISKERS® kit for all trucks, it works on **all axles**. The steered wheels are the source of a vast amount of dangerous spray, and many spray suppressants simply cannot effectively be fitted to steered axles.

There are 20/20 CATS WHISKERS® kits to fit every type of mudguard – and every type of budget too.



## TOUGH, EFFICIENT, MAINTENANCE FREE

20/20 CATS WHISKERS® stays clean and effective. This is because the slippery polypropylene filaments constantly flex in the airstream, shedding dirt and foreign bodies along with the water. There are no problems of excess weight caused by retention of debris, and 20/20 CATS WHISKERS® systems remain as efficient as when they are first fitted throughout many thousands of miles of heavy use.



the  
greatest  
contribution  
to  
road  
safety

"it was exciting to see a spray suppressant perform so well in the spray tunnel. The system's simplicity and light-weight should make it a very desirable product."  
Extract from the MIRA UK report

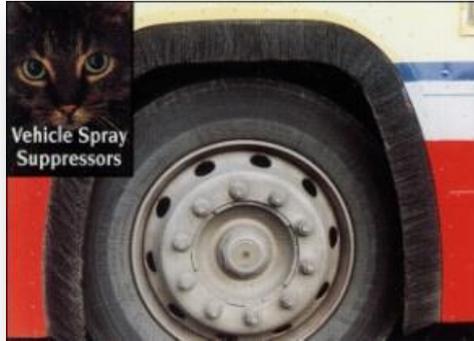
# the 20/20 Cats Whiskers®

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## SUITABLE FOR ALL TRUCKS AND ALL WHEELS

The 20/20 CATS WHISKERS® system is available in kits to suit virtually all makes of truck, bus and goods vehicles.



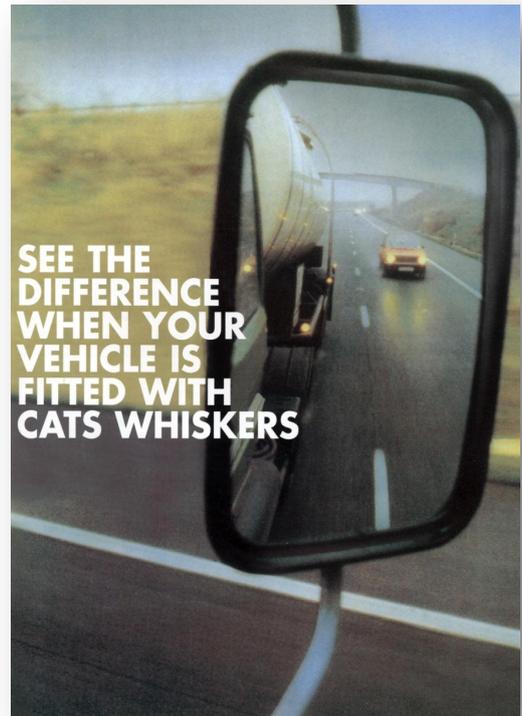
## LIGHT-WEIGHT, FRICTION FREE

One complete 20/20 CATS WHISKERS® double wheel set, including bead and aluminium housing weighs only 2.5kg.

Because 20/20 CATS WHISKERS® allows the free passage of air, intermittent contact with tyres (including those on steered wheels) does not lead to heat or wear problems – normal cooling is maintained. Tests carried out by **Michelin, Mintex and Dunlop** has confirmed this.

## MAKING THE BEST CHOICE

- Meets B.S. AU 200/21 and E.E.C. 132 final
- **Fire retardant**
- Very low weight
- **No effect on tyres/breaks**
- Keeps driver's mirrors and windows cleaner
- Keeps vehicle livery cleaner
- **Does not hinder wheel removal**
- Available to fit all vehicles and trailers
- Cheap and easy to repair
- Simple to fit
- **Corrosion and chemical resistant**
- Works in all weathers including cross-winds
- No problem with ice/snow
- Maintenance free and self cleaning



## DON'T TAKE OUR WORD FOR IT

Test reports are available from Dunlop, Michelin, Mintex Don, Systems Technology USA and MIRA UK that has shown we have a spray suppression system that is world-class yet at an affordable price.

Protect your company's reputation and safety of your drivers with the 20/20 Cats Whiskers®.



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# the 20/20 Cats Whiskers®

VEHICLE SPRAY-SUPPRESSION SYSTEM

## WHAT OUR CUSTOMER'S SAY

The modern truck operator must be concerned for the safety of his drivers and other road users, and for the image and **reputation of their company**. By fitting 20/20 CATS WHISKERS® spray suppressant systems, they are ensuring greater safety margins in bad weather, much improved vehicle cleanliness, and the gratitude of the motoring public.

20/20 CATS WHISKERS® systems have already been fitted by a number of important companies, are well tested and proven, and have shown themselves to offer significant advantages over competitive products. They can be fitted either as original equipment or on an after-sales basis, and of course conform to **B. S. AU200 1984**. In the long-term, 20/20 CATS WHISKERS® systems are effective in terms of a reduced accident rate with **reduced insurance premiums** and fewer maintenance bills.

**The company that buys 20/20 CATS WHISKERS® is investing in a safer, more efficient future.**

## IMPROVES THE IMAGE OF THE VEHICLE

**"The drivers have commented that 20/20 Cats Whiskers® makes the rear view much clearer. The plume of spray is kept down which aids visibility and keeps lorries much cleaner - particularly the canopy sided vehicles. It improves the image of the vehicle and the juggernauts as a whole"**

Mr Walter Cox, transport engineer of Joshua Tetley & Son



## BETTER VIEW OF THE TRAFFIC BEHIND

**"When I'm driving in the wet 20/20 Cats Whiskers® really improves visibility in the rear view mirror. A truck driver's field of vision is just as clouded by spray from the truck as a car driver, and this new system gives me a better view of the traffic behind me. Also the cab and door mirrors stay cleaner for longer"**

Mr Roger Bently of Bently Transport, an owner/driver of Foden trucks



Fit the best

20/20 CATS  
WHISKERS®

# the 20/20 Cats Whiskers®

VEHICLE SPRAY-SUPPRESSION SYSTEM

## INCREASED VISIBILITY FOR OVER-TAKING VEHICLES

"We are very pleased with the results obtained. The effectiveness of 20/20 Cats Whiskers® has been shown in increased visibility for overtaking vehicles and increased rearward view from the cab resulting in over all safer driving. As an added bonus, cleanliness of the vehicle is greatly improved"



Mr Long, Director of J Long & Sons (Haulage) Ltd

## HOW CATS WHISKERS® COMPARES

Most large fleet managers have discovered the need to fit 20/20 CATS WHISKERS®. Not only improving driver safety but gaining respect from all their potential customers. **DEMAND THE BEST.** Here is how 20/20 CATS WHISKERS® spray suppression system compares with current absorber systems. Whatever your own requirements for a system are, the chart below shows how 20/20 CATS WHISKERS® fit the bill.

Requirement	20/20 Cats Whiskers	Other "Absorber" Systems
Seal gap around tyre under all conditions of loading	✓	X
Must control/absorb fine spray under all weather conditions	✓	X
Must not damage tyres if held in continuous contact	✓	?
Must be low in weight	5 KG/Wheel excluding mudguard	Depends on systems
Must not interfere with wheel removal	✓	Top section needs to be removed before removing tyre
System must be flexible for safety reasons and porous	✓	X Impervious
Must not clog with fibrous material from road	Self cleaning	Clogs rapidly and effectiveness impaired
Must not require other modifications to vehicle	✓	Cab roof deflector gives improved results in still air conditions
Must not be damaged by clogging in freezing or icy conditions	No problems down to -30 C	Clog and can tear off under their own weight
Must approach road surface as closely as possible under all load conditions	Only system to attempt control of footprint plume	Rigid and cannot approach closer than 6" to the road. Does not effectively control footprint plume
Must be cheaply and easily replaceable to minimize after cost	✓	Total replacement required
Must be simple to fit	✓	Requires individual trimming to fit specific vehicles
Must be able to treat steered wheels effectively	✓	X
Must be corrosion resistant to all chemicals used normally on the road	✓	?
Must perform at all speeds	✓	Some systems are not effective at lower speeds (bounce back)
Must perform under heavy surface water conditions	✓	Saturation of absorbers can result in bubbling outside surface which is stripped by the air steam and creates spray



Fit the best

20/20 CATS  
WHISKERS®

# the 20/20 Cats Whiskers®

VEHICLE SPRAY-SUPPRESSION SYSTEM

A SYSTEM TO SUIT EVERY VEHICLE AND BUDGET

Virtually eliminates spray allowing up to 95% of normal vision in wet conditions

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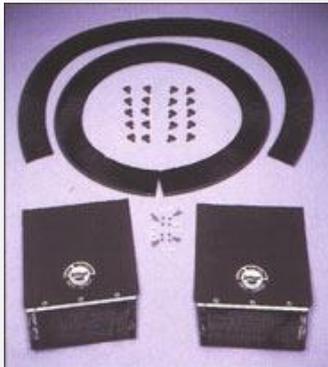
## LOW COST



Aluminium channel and brush for outer edge of mudguards only. Simplified mud flaps. **When ordering state** radius and flap width required

Weight: 6.0 kg      Fit Time: 1/2 hour

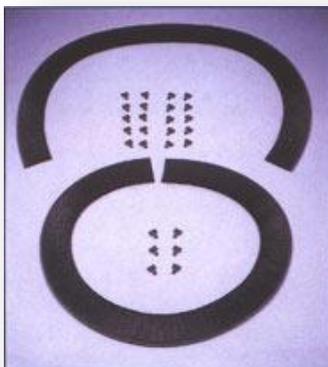
## CLIP KIT



Brush and special clips to fit any radius of mudguards. **When ordering state** the width of the flap required

Weight: 2.9 kg      Fit Time: 1/2 hour

## COACH & BUS KIT



Available for all makes

Weight: 1.5 kg      Fit Time: 1/4 hour

## STEERED



Infill panels, brush mud flaps and fittings to suit each type of truck. **When ordering state vehicle** – (day or sleeper cab)

Weight: 11.0 kg      Fit Time: 2 hours

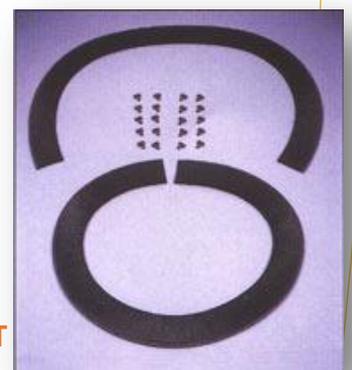
## STEERED NEW BRUSH



Eliminates the need for aluminium section

Weight: 6.0 kg      Fit Time: 1 hour

## VALANCE KIT



Brush and clips for around outer edge of mudguards only. **No flaps included**

Weight: 1.5 kg      Fit Time: 1/4 hour



AUTOMOTIVE SEALS

CATS WHISKERS | VEHICLE  
SPRAY SUPPRESSION

CUSTOM MOULDINGS AND  
EXTRUSIONS

TUBING

U-CHANNEL PARTS



Since 1984, our focus to quality and customer care has delivered results to our customers throughout Europe, North America, and Asia.

With internal design and manufacturing facilities, we can meet your needs whether you are a farmer, small firm, or a multinational corporation.

What can we do for you today?



*Capital*  
making it happen



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We take...

**VISA**



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