

smart®

**smart crossblade operating instructions
(Supplementary operating instructions)**



Footloose and fancy free >>

Be it the sun, blue sky or the desire to break out of the daily grind, the most uncompromising smart ever built provides pure open air enjoyment with no roof, no doors, and no windscreen.

These quick reference operating instructions show you all that the crossblade can do. They contain important tips on how to best operate the vehicle and show you what you can do to keep potential risks down to an absolute minimum for yourself and others. Keep in mind that this handy guide in no way acts as a substitute for the main smart operating instructions. This is especially true for warning signs.

Once you have familiarised yourself with the instructions and the vehicle, a maximum of driving pleasure awaits you!



Danger!

We want to protect you and your passenger.

For this reason, it is essential to read the sections marked with this symbol.



Environment!

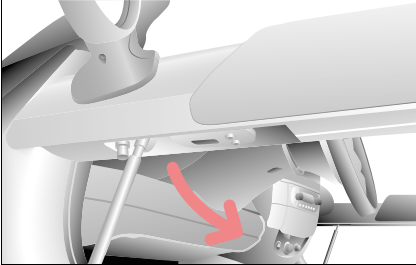
We want to safeguard our environment.

For this reason, it is essential to read the sections marked with this symbol.

>Equipment: The installed equipment specification description is the valid one for your crossblade. Use original smart accessories and spare parts only.

>Resale: Should you sell your smart please be sure to pass on these operating instructions.

Opening and closing the crossblade



How to open and close the crossblade

The driver and passenger side door bars are opened and closed manually.



Danger of injury!

Do not hold onto the door bars when entering and exiting the vehicle. This can lead to injuries.



To open the door bar:

- Pull the release lever on the underside of the door bar.
- > The door bar swings upward.

To close the door bar:

- Push the door bar downwards and latch it into the lock.
- > The door bar must audibly latch with a "double click".

>Note!

If the door bar is not properly locked, a warning sound is triggered when you start off.

>Important!

- Please grease the door bar locks at regular intervals to ensure proper operation.
- Note that the door bar grease can smudge objects that rub up against it.

>Important!

Ensure that you read through the detailed smart operating instructions to ensure that you enjoy your smart to the fullest and that you avoid any dangers to yourself and others. - 1

Adjusting the mirrors

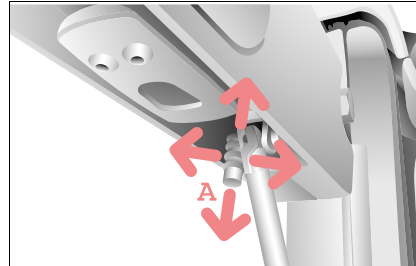
Adjusting the mirrors

Ensure that the outside mirrors are correctly set every time before you start driving. Only then can the driver be sure that the view to the rear is unobstructed.



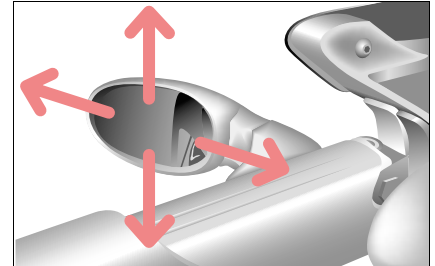
Danger of accident!

The mirror curvature causes the field of vision to be distorted. Vehicles in the rear view mirror may appear to be smaller and further away than they really are.



>Note!

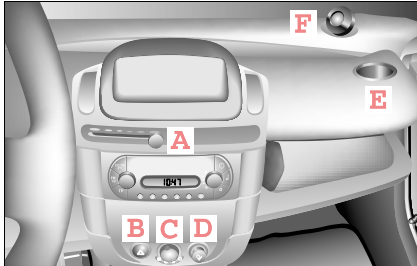
The adjustment lever is found on the underside of the door bar.



How to adjust the outside mirrors

- Adjust the outside mirrors by turning lever (A).

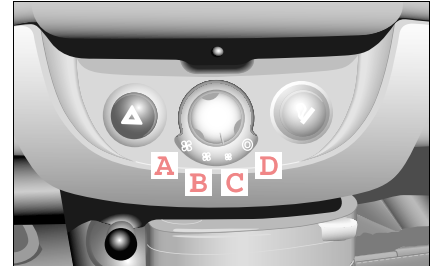
Centre console and cockpit



- A Heater
- B Hazard warning lights
- C Blower
- D Cigarette lighter
- E Cup holder
- F Loudspeakers (sound package)

How to use the hazard warning lights

- To switch on the hazard warning lights, press the red switch (B).
 - > This causes:
 - all six turn signal lights to start flashing,
 - the turn signal indicator light (when the ignition is switched on)
 - the hazard warning light switch also to flash.
- To switch the hazard warning lights off press the red switch again.



How to switch the blower on

You can set the blower to four different levels by turning the control knob.

- Position A
 - > Maximum setting
- Position B
 - > Middle setting
- Position C
 - > Slow setting
- Position D
 - > Blower off

>Important!

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Driving



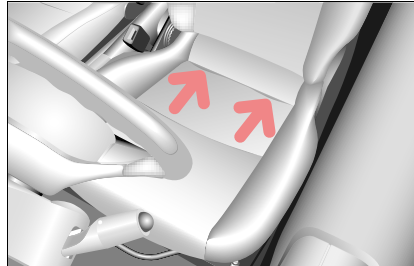
Danger of accident!

The crossblade and its safety systems are intended for use on surfaced roads only. Driving the crossblade over any other type of terrain introduces an increased accident hazard. In order to avoid this risk, ensure that you only drive on surfaced roads.



Danger of accident!

Water and dirt in the driver footwell can lead to the floor mats sliding and getting caught in between the pedals. This could lead to an accident. Therefore, remove any water and dirt that may have accumulated (especially on the seats and in the footwell) each time before you start driving. Ensure that the pedals have a free range of motion (i.e. nothing is blocking them) and that the floor mats cannot slide.

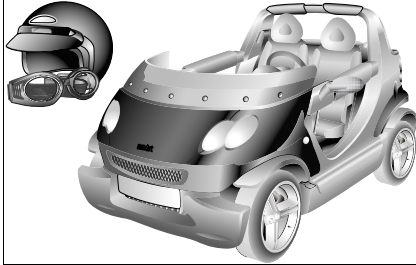


>Important driving notes!

- Drain openings are found in the driver and passenger seats as well as in the floor pan so that rain will not collect on the seat surfaces or in the footwell.
- Ensure that the drain holes are clean and not covered up. Only then can rainwater freely flow out of the vehicle.

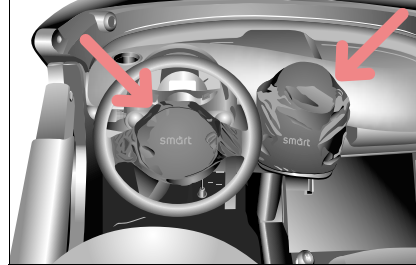
- Never drive with the wind deflector open; see page 7.
- Please put all loose objects away in the provided stowage compartments prior to driving. The airstream created in the cabin when driving can especially blow out paper and other lightweight objects.
- For your safety, wear a suitable pair of protective glasses when driving. A helmet with a visor will protect your head from airborne rocks and similar.

Driving



Danger of injury!

For your own safety, wear a suitable pair of protective glasses or a helmet with a visor when driving. Dust, rocks and other airborne objects could be thrown into your face, distracting and injuring you. This could ultimately lead to a car accident.



Driving in the rain

- The crossblade is not designed to be driven in the rain for extended periods of time.
- If you happen to be driving when it is raining, protect the driver-side airbag in the steering wheel and the controls in the centre console by fitting both covers. Also do this when parking in the rain.
 - > You will find both covers in the drawer in the centre console.

After driving in the rain

- Park the crossblade in a dry and well-ventilated garage.
- Also be sure to dry off the covers and the tarpaulin; see page 9.



Danger of injury!

Always protect the driver-side airbag with the provided cover when the vehicle is exposed to the rain. This will ensure that the airbag retains its functionality.

>Notes on child restraint systems!

- The child restraint systems are only intended to be used when it is not raining.
- When using the child restraint system, pay attention to the airbag indicator lamp.

>Important!

Ensure that you read through the detailed smart operating instructions to ensure that you enjoy your smart to the fullest and that you avoid any dangers to yourself and others. - 5

Loading



Danger of injury!

Loaded objects must always be properly tied down. In the event of a sudden full application of the brakes or in an accident they could penetrate into the passenger compartment.



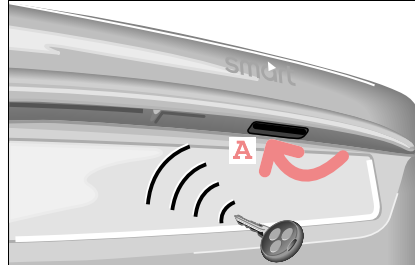
Danger of injury!

Objects on the passenger seat should always be secured in such a way that they will not distract the driver during the journey.



Environment!

Unnecessary ballast increases gross vehicle weight and increases fuel consumption.



Opening the tailgate

After opening the crossblade with the radio remote control, you can unlock the tailgate in the door handle recess (A). The tailgate can also be opened mechanically from the outside.

>Important!

Do not place any objects behind the seats on the luggage compartment.

What you are permitted to load

- Luggage compartment volume:
> 122 l
- Gross weight limit:
> 250 kg
- Luggage compartment load weight:
> max. 50 kg

Reducing the load

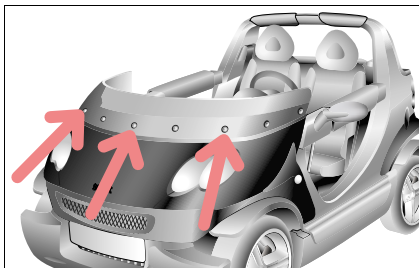
- Optional extras and accessories increase the curb weight; this results in a payload reduction.
 - > Please study the operating instructions for each individual accessory part!



Danger of accident!

Pulling a trailer with the smart poses increased danger of an accident and can reduce the longevity of the vehicle, which is why the manufacturer does not approve the smart for towing a trailer. Never use your smart to tow a trailer.

Wind deflector



Opening the wind deflector

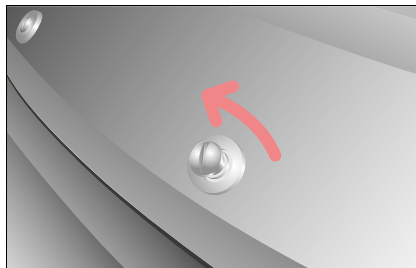
Using both openings under the wind deflector, you can check the filling capacities of

- the coolant (A),
 - the brake fluid (B),
- and top them up if necessary.

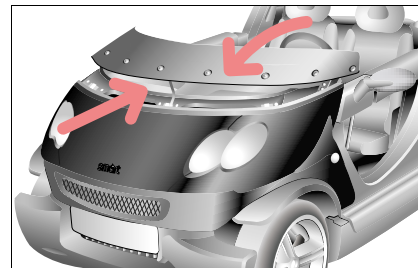
This is something you should do at regular intervals.

>Note!

Never drive with the wind deflector open.



- Turn the three screw plugs in anti-clockwise direction (90 degrees).
 - > The wind deflector is now unlocked and can be flipped upward.
- Pull the centre joint of the holding linkage forward until it stops.



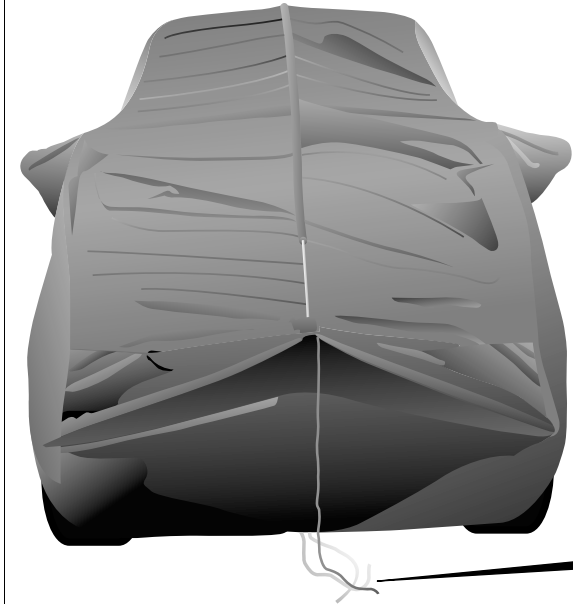
Closing the wind deflector

- Firmly hold the wind deflector with one hand.
- Push the linkage backward on the centre joint using the other hand.
- Fold down the wind deflector.
- Turn the three screw plugs in clockwise direction (90 degrees) until tight.

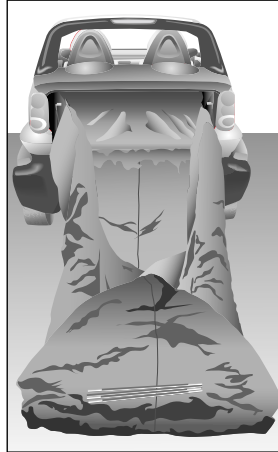
>Important!

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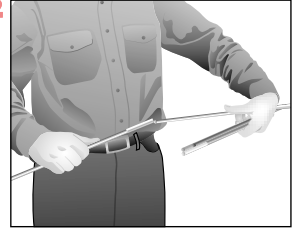
Putting on the tarpaulin



1



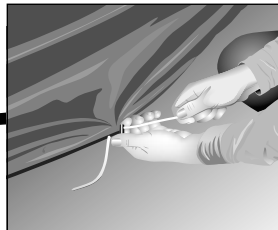
2



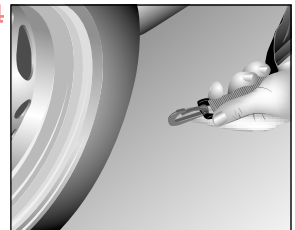
3



5



4



8 - >Important!

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Putting on the tarpaulin

The tarpaulin serves to protect your parked crossblade from bad weather. However, it is not designed to act as a permanent shelter from the rain.

Where to find the tarpaulin

- The tarpaulin is found in the luggage compartment of your crossblade.
- It is contained in a special water-tight bag.
- The bag is attached to the underside of the luggage compartment cover with push buttons.

Putting on the tarpaulin

1

- Open the tailgate.
- Open the velcro fastener.
- Remove the tarpaulin from the bag and unfold it.
 - > The back end remains attached to the bag via the velcro fastener.

2

- Put the linkage together.

3

- Pull the tarpaulin over the entire vehicle.
 - > The outside mirrors must be covered with the provided bags.
- Slide the linkage through the channel of the tarpaulin.
- Insert the ends of the linkage into the front and back ends of the bag to draw tension.

4

- Hook the tensioning straps onto the rocker panel.

5

- Pull the tensioning straps forward together.
- Close the tailgate.
 - > The tarpaulin is wedged into the closed tailgate.



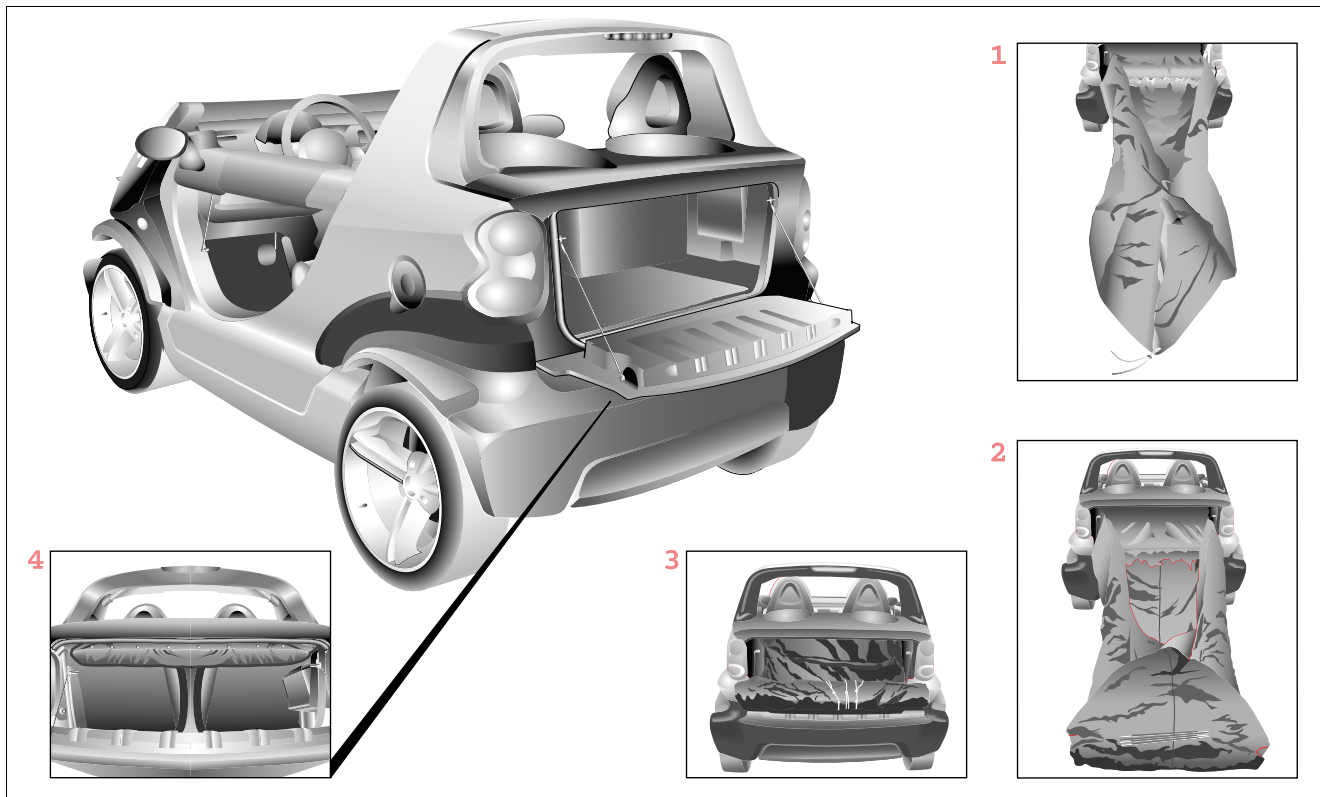
Danger of accident!

The pooling of substantial quantities of water in the vehicle could impair electronic systems and increase the danger of an accident occurring. Therefore, ensure that the tarpaulin is pulled taught over the interior compartment of the crossblade during bad weather. Always take steps to prevent substantial quantities of water collecting inside the crossblade.

>Important!

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Stowing the tarpaulin



10 - >Important!

Ensure that you read through the detailed smart operating instructions to ensure that you enjoy your smart to the fullest and that you avoid any dangers to yourself and others.

Stowing the tarpaulin

How to stow the tarpaulin

- 1
 - Open the tailgate.
 - Take the linkage out of the tarpaulin and place it directly behind your crossblade.
 - Fold in the tarpaulin on the right and left sides.
- 2
 - Fold in the tarpaulin to approx. the halfway point.
 - Place the folded linkage on the tarpaulin.
- 3
 - Neatly roll in the tarpaulin until it rests on the tailgate door.
 - > The width of the roll should be the same as that of the tailgate.
- 4
 - Stow the tarpaulin in the provided protective bag and close the velcro fastener.
 - Close the tailgate.

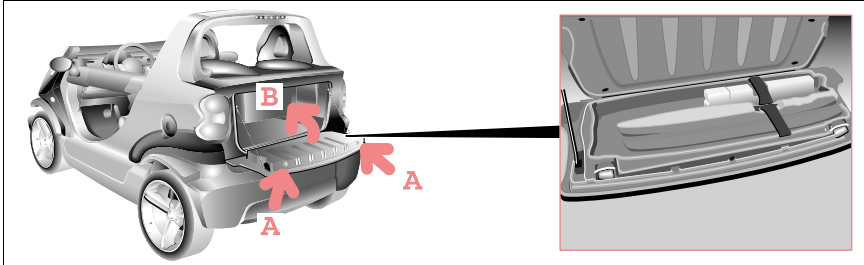
>Note!

Only place a clean and dry tarpaulin back into the bag.

>Important!

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Hazard warning triangle



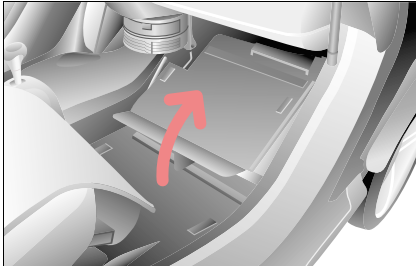
Where to find the hazard warning triangle

- Open the tailgate.
- Press both release buttons (A) on the inside of the tailgate.
- Fold the cover of the stowage space upwards (B).
 - > The hazard warning triangle is secured in the stowage room via a velcro strip.

>Note!

The stamped in information signs on the inside of the storage room do not apply to the crossblade.

Breakdown set and battery

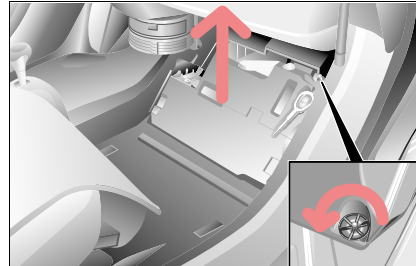


Breakdown set

This smart original part is either an optional extra ex works or can be retrofitted as an original smart accessory at your local smart Center. The breakdown set is located in the passenger-side footwell.

>Note!

Please also observe country and vehicle-specific regulations for smart original parts.

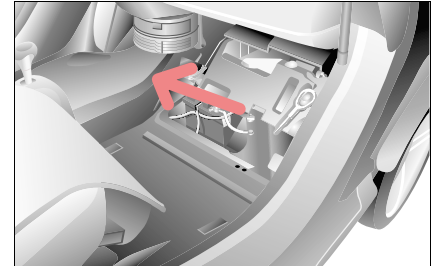


- Remove the floor mat.
 - Undo the velcro strip on the lower section of the cover.
 - Take the cover out.
- > The breakdown set is located under the cover.

Battery

The battery is located under the footrest in the passenger-side footwell.

- Remove the floor mat and the cover as described for the breakdown set.



- Remove the lower section of the footrest.
- Unscrew the mounting plate from the upper footrest.
- Remove the upper section of the footrest.

Installing the footrest and cover

Installation occurs in reverse order. Carefully reassemble the parts.

>Important!

Ensure that you read through the detailed smart operating instructions to ensure that you enjoy your smart to the fullest and that you avoid any dangers to yourself and others. - 13

Care instructions

All the smartcare products for looking after your car are available at your local smart Center.

Exterior components	Specialties	Lightly soiled, manual washing	Heavily soiled manual washing	Never
Matte painted plastic parts	Powder coated single-coat paint finish	Car shampoo concentrate, insect remover for insect remains	Car shampoo concentrate, hard wax, insect remover for insect remains	Do not use any hard wax or polish except on high-gloss plastic body parts. Never use aggressive paint cleaner, machine polish, abrasive cleanser, acidic, highly alkaline agents, abrasive sponges, high-pressure or hot-water cleaning equipment.
Bumpers, rocker panels	Pitted, painted plastic parts	Car shampoo concentrate, insect remover for insect remains	Car shampoo concentrate, hard wax, insect remover for insect remains	
High-gloss plastic parts (body panels)	Body panels with base coat or clear coat or clear coat only <u>Repair possibility</u> with clear paint touch-up pencil	Car shampoo concentrate, insect remover for insect remains, hard wax, polish	Car shampoo concentrate, insect remover for insect remains, hard wax, polish	
Wheels	Two-layer metallic paint (high-gloss)	Car shampoo concentrate, rim care	Car shampoo concentrate, rim care	

Care instructions

Exterior components	Specialties	Lightly soiled, manual washing	Heavily soiled, manual washing	Never
Wind deflector (windshield)	Polycarbonate	Car shampoo concentrate, insect remover for insect remains	Car shampoo concentrate, insect remover for insect remains	See previous page
Tarpaulin	Nylon	Damp, clean cloth, light soap solution	Lukewarm water and car shampoo concentrate	
Interior components	Specialties	Lightly soiled, manual washing	Heavily soiled, manual washing	Never
Seats	Plastic (resistant synthetic)	Light soap solution, clean cloth with lukewarm water	Soap solution, car shampoo concentrate	Use solvent
Plastic parts	Use a colour-fast cloth	damp, clean cloth, cockpit spray	Damp, clean cloth, cockpit spray	Scour or use solvents
Artificial leather seat covers	—	Clean cloth with lukewarm water	Damp, clean cloth, car shampoo concentrate	Acidic agents, stain remover etc.

>Important!

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Technical data

Things you need to know

The technical data is valid for all standard equipped vehicles.

We recommend that you use original smart parts and accessories.

Engine specifications	crossblade
Rated output (kW)	52
At engine speed (rpm)	5470
Nominal torque (Nm)/overboost	108
At engine speed (rpm)	2200-3500
Number of cylinders	3
Valves per cylinder	2
Spark plugs per cylinder	2
Total displacement (cm ³)	599
Engine weight acc. to DIN 70020 A (kg)	59
Maximum climbing capacity at gross vehicle weight	20 %

Technical data

Fuel consumption in accordance with EU directive 1999/100/EU

The following data were evaluated in accordance with the European Union Directive (1999/100/EU). All data are valid for basic version vehicles with catalytic converter.

In practice fuel consumption may lie higher than the values determined and cited in the EU guidelines (1999/100/EU), as under everyday use different operating conditions may prevail, such as for instance individual driving styles, additional equipment, different road surfaces and weather conditions.

The fuel consumption values given by the EU Directive (1999/100/EU) serve solely as a means of comparison at certain given conditions.

You local smartCenter will gladly provide you with details.

Fuel consumption in accordance with 1999/100/EU	crossblade
	softip/softouch
Urban (l/100 km)	6,2
Extra urban (l/100 km)	5,3
Combined (l/100 km)	5,7
Driving range (km)	579
Exhaust emission system/exhaust emission standard/oxidation catalytic converter	EU3 3-way catalytic converter EU3
CO ₂ emissions (g/km)	137

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Technical data

Tyres and rims

>Note on smart tyres and rims!

- Use only rims and tyres approved by MCC smart GmbH.
 - > This way you ensure that your smart handles perfectly and is fully safe.

- Change your tyres in good time - in autumn - to winter tyres.
- The vehicle operating approval status is rendered null and void if other rim/tyre sizes are used.
- Replace worn tyres in good time.
- Every smart Center will be more than willing to provide you with details and information concerning the rims and tyres recommended for your smart.

Tyres and rims	crossblade	
	Summer driving	With non-skid chains
Tyres, front	195/40 R 16	145/65 R 15
Tyres, rear	215/35 R 16	175/55 R 15
Rims, front	6.5 J x 16 ET 24	4 x 15 ET 27
Rims, rear	7 J x 16 ET -20	5.5 x 15 ET 1

>Note!

Freedom of motion can only be guaranteed if the manufacturer's recommended rims and tyres are used. Other rim and tyre sizes may damage the braking system.

Technical data

Weights	crossblade
Curb weight* (kg)	740
Load capacity (kg)	250
of which maximum luggage compartment load capacity (kg)	50
Gross weight limit (kg)	990

- * Curb weight as under (DIN 70020) including driver (68 kg), baggage (7 kg) and all fluids (tank 90% full).
Optional extras will increase the curb weight; as a result the payload is reduced.

Loads	crossblade
maximum permissible axle weight, front axle (kg)	427
maximum permissible axle weight, rear axle (kg)	610

>Important!

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Technical data

Vehicle dimensions	crossblade
Length (mm)	2,622
Width (mm)	1,618
Height (mm)	1,508
Wheelbase (mm)	1,812
Tread width, front/rear (mm)	1,278/1,392
Storage space (l)	122
Turning circle (m)	8.8

Useful information when refueling

Fuel tank	
Capacity (l)	33
of which reserve capacity (l)	5
Fuel:	
Petrol engines	Unleaded petrol Super Plus, EN 228, at least 95RON/85MON

Technical data

Engine oil

Oil quantity 3.2 litres

smart recommends that you use Mobil engine oils or smartcare engine oil SAE 10W-40.

Fill quantities	crossblade	
Coolant system		
Coolant capacity (l)	4.2	
Corrosive agent/anti-freeze (l)	2.1	
Tyre fill pressure	Summer tyres	Winter tyres
Front axle (bar)	1.8	1.6
Rear axle (bar)	2.5	2.5

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Masthead

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Therefore no claims can be derived from any of the specifications, illustrations or descriptions in these operating instructions.

Printed on paper bleached without chlorine

22 - >Important!

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