



Part-time work >>

Refueling

Fuel for the smart

■ Gasoline engine

Never refuel with leaded-gasoline or diesel.
In the event that this should happen you should call your nearest smart Center or smartmove Assistance immediately .
The catalytic converter may otherwise suffer irreparable damage.

- Premium unleaded, EN 228, at least 95RON/85MON
- Please follow the refueling instructions in the fuel-filler cap.

■ Diesel engine

- Use only conventional vehicle diesel fuel (Euro Diesel EN 590).



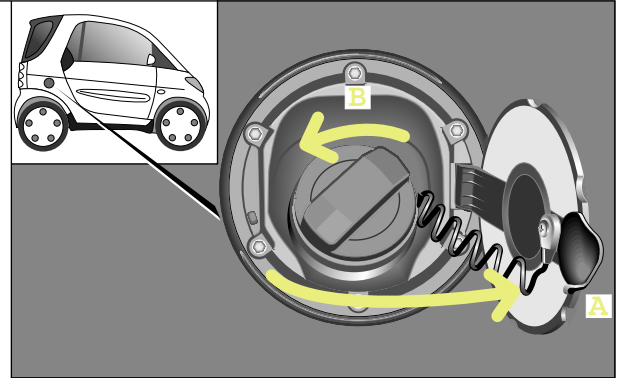
Refueling

How to refuel properly

- Switch both the engine and ignition off.
→The fuel-tank flap (A) is locked and unlocked along with the central locking.
- Turn the filler cap anticlockwise (B).
- You should fill up with fuel until the gas hose nozzle cuts out.
- Turn the filler cap clockwise until it is tight and the handle grip overturns.
- Close the fuel-filler flap.

Tank fluid capacity

- total fuel tank capacity approx. 22 l
- of which reserve tank approx. 5 l



Refueling

Refueling safety tips



Danger of explosion and Danger of poisoning!

Fuel is highly flammable.

For this reason the following are forbidden when handling fuel

- fire
- naked flame
- smoke.

Inhalation of fuel vapor can damage your health.

You should check the following regularly:

- oil level (see Page 7-7).
- brake fluid (see Page 7-20).
- coolant (see Page 7-15).
- washer system fluid (see Page 7-18).
- tire pressures (see Page 7-21).

You will find exact details about the fluid capacities in the chapter entitled Data transfer.



Danger of poisoning!

Keep children away from fuel. If some fuel has been swallowed consult a doctor immediately.



Environment!

Never

- let the fuel overflow when refueling
- overfill your tank.

Fuel that has spilled over will pollute the environment.

Oil level

The engine oil level should be checked regularly

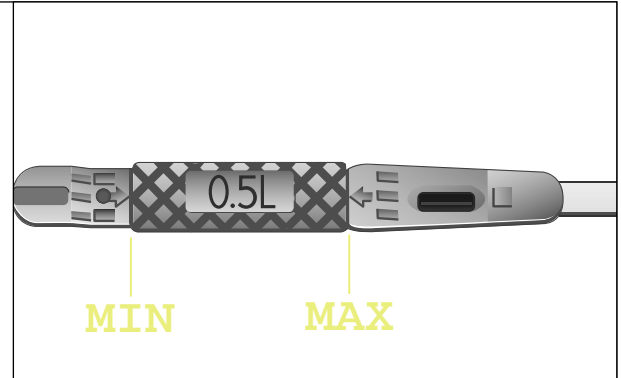
>Note!

The engine-oil level should only be checked when the engine is still warm. (At normal operating temperature three elements are shaded.)

- Park the smart on a level piece of ground.
- Switch both the engine and ignition off.
- Put the hand brake on.

>Important!

- You should observe the scheduled service intervals. Failure to do so may destroy your engine.
- An oil level above the MAX mark may result in engine or catalytic converter damage. Oil quantities above the MAX marking have to be siphoned off.
- An oil level below the MIN mark may result on your engine being damaged.
- The difference in quantity between the MIN and MAX markings is 0.5l.



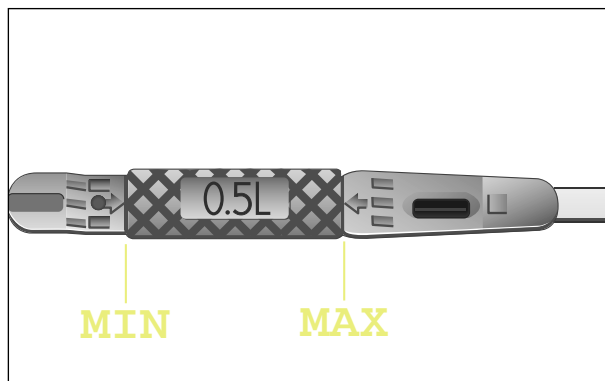
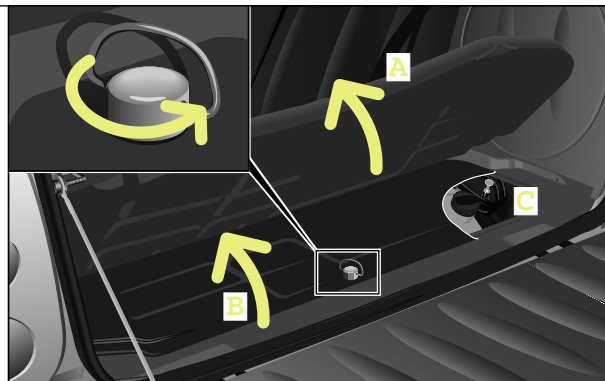
Oil level

How to check your engine's oil level

- Wait a few minutes until the oil has settled.
- Open the tailgate.
- Fold the carpet back (A).
- Remove the fastening screw for the engine compartment cover.
- Remove the engine compartment cover (B).
- Pull the dipstick (C) out and wipe it with a clean cloth.
- Insert the dipstick again.
- Wait for at least 30 seconds.
- Pull the dipstick out again.
 - The oil level must lie between the markings MIN and MAX on both sides.
- Reposition the dipstick.

>Note!

The engine-oil level should only be checked when the engine is still warm. (At normal operating temperature three elements are shaded.)



Oil level

If your smart has too little engine oil

You have to top up the oil level!

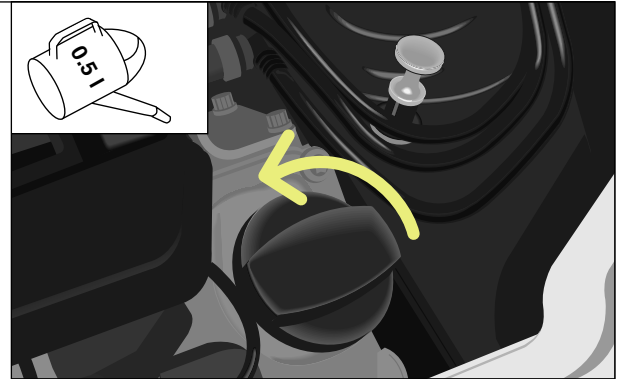
The difference in quantity between the two markings is

- 0.5l

- Unscrew the cap.
- Use a funnel to top the engine oil up.
- Put in the necessary amount of engine oil.
→smart recommends Mobil engine oils or smart-care engine oil.
- Wait several minutes until the oil has run into the oil pan.
- Check the engine oil level again.
- Replace the cap and the engine compartment cover.
- Slide this forward into the tabs provided and tighten the fastening screws back up.
- Return the carpet to its position.
- Close the tailgate.

>Note!

The engine-oil level should only be checked when the engine is still warm. (At normal operating temperature three elements are shaded.)



Danger of burns and poisoning!

Never drive the car with the engine compartment cover removed.

Oil level



Danger of poisoning!

Keep oil out of reach of children. If oil has been swallowed consult a doctor immediately .



Fire hazard!

When topping up the engine oil take care to ensure that no oil is spilt on any hot parts such as e.g. exhaust system or catalytic converter.

If this should however happen, then the engine must undergo a thorough cleaning before you continue your journey.



Environment!

Engine oil must never seep into the ground nor into the ground water. This will pollute the environment.



Environment!

1 drop of oil is enough to pollute 1000 liters of water.

Bearing this in mind you should make sure that the empty oil tins/receptacles and any oil-seeped cloths are disposed off in an environmentally compatible manner by a trade company or at a dedicated collection point.

Oil level

Choosing the right sort of oil

Engine oils are specially tested for their suitability to be used in our engines. Use approved oils only.

We recommend:

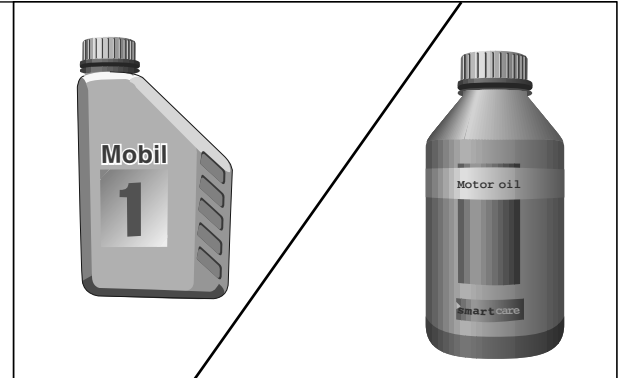
- Gasoline engine
 - smartcare engine oil (SAE 10W-40)
 - Mobil engine oil
- Diesel engine
 - Mobil 1 engine oil (SAE 0W-40)
 - smartcare engine oil (SAE 10W-40)

>Note!

An approval list is available for you at your local smart Center.

>Caution!

Do not use any special additives. They may lead to increased wear or engine damage. Your local smart Center will gladly provide you with information.

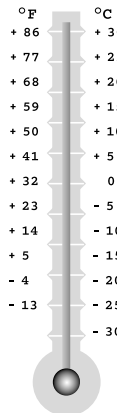


Oil level

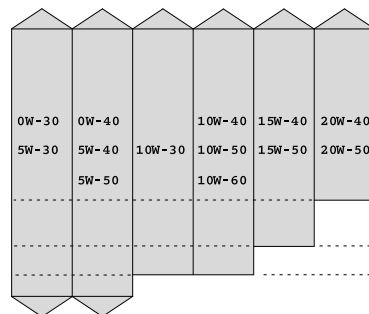
Engine oil viscosity

The SAE Class (viscosity) has to be chosen in accordance with the average outside air temperature for each current season. Precise adherence to the SAE Classes according to the outside temperatures would however result in frequent oil changes having to be done. The temperature limits for the SAE Classes should therefore be viewed as guidelines, which can be exceeded or undercut.

Outside temperature



SAE Classes



Service screen

Location of the fluid containers

If you open the service screen (A) you can check the fluid levels for

- coolant (B).
- brake fluid (C).
- windscreen washer system (D).

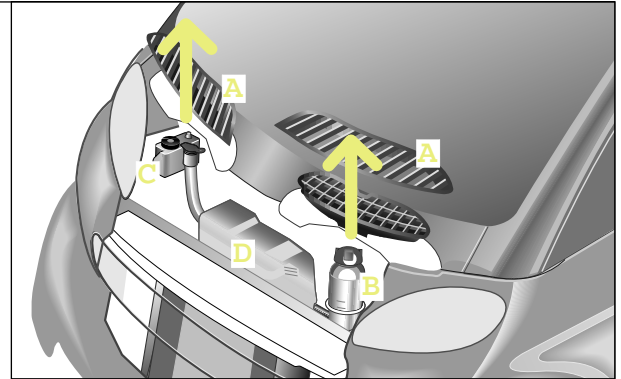
If necessary, top them up.

This is something you should do at regular intervals.

- To do this park the smart on a level surface.
- Switch both the engine and ignition off.
- Put on the hand brake.

>Important!

Free the service screen carefully from snow or any other forms of dirt to ensure that the air-cleaner function is maintained.



Service screen



Danger of injury!

Before opening the service screen you should always switch the ignition off and remove the keys from the lock.

If the windscreen wiper should inadvertently be switched on there is a severe danger of being injured by the wiper drive system which is located in the area below the service screen.

How to open the service screen

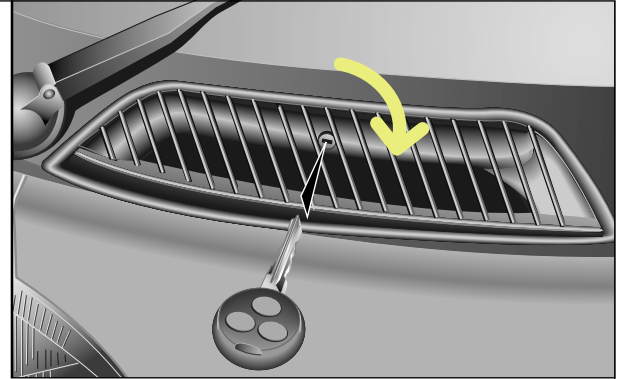
- You can open the service screen by turning the lock to the center of the vehicle with the car keys.
- Remove the service screen.
- On the driver's side you can also remove the velocity stack.

>Important!

Do not use any unnecessary force. The key could be damaged.

Closing the service screen

- Push the service screen on the right and left hand lower corners into the clips provided.
- Use the car keys to lock the service screen.



Service screen

How to check the coolant level

It is necessary to check the coolant level to ensure that the engine doesn't overheat.

>Important!

Under regular operating conditions the cooling system is maintenance free. Drops in the coolant level point to a leak existing.

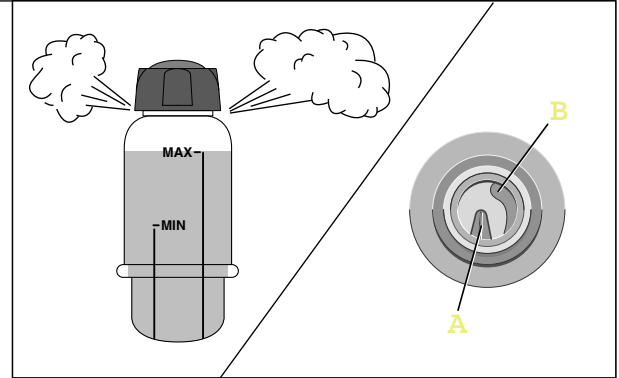
If you are losing coolant

- Top up the coolant.
- Take your car to your local smart Center and let them determine the reason why you are losing coolant.

Service screen

How to check the coolant

- Let the radiator cool down for at least 20 minutes.
 - Cover the cap for the coolant compensating reservoir with a cloth before touching it.
 - Turn the cap one complete revolution in order to allow the excess pressure to escape.
 - Unscrew the cap and remove it.
 - Look down into the reservoir and check it visually.
- In the reservoir there are two ridges of different heights.
- the longer one (A) indicates the maximum filling level.
 - the shorter one (B) indicates the minimum filling height.



Danger of burns!

Never open the coolant tank cap when the engine is hot!
The radiator is under pressure; hot steam may be discharged.

Service screen

How to top up the coolant

- You should top the coolant up only as far as the maximum filling height.
- Replace the cap and tighten when finished.

>Note!

Warm water can expand and for this reason it may extend beyond the maximum filling level.

Service screen

How to check the windscreen washer system fluid

This is the best way to keep your washer system

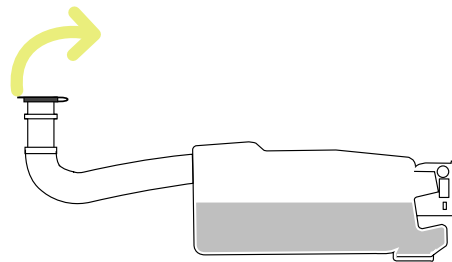
- free of ice and
- fully functional.

How to fill up the washer system fluid

- Pull the filler neck upwards out of its holder in order to top up the tank better.
- Pull on the tank cap's lug to pull it upwards.

>Note!

Use the smartcare windscreen cleanser concentrate summer or winter to ensure that the windscreen is kept clean at all times.



Service screen

Dosage for a total tank fluid capacity of 3 l at a temperature of t	t over 0°C	at t = -10°C	at t = -20°C
Windscreen cleanser concentrate summer: water	1:100		
Windscreen cleanser concentrate winter: water		1:2	1:1

Compare with instructions for use on packaging



Danger of burning!

Screen wash concentrate is slightly inflammable.

Service screen

How to check the brake fluid

A constant fluid level is necessary to ensure that the smart 's brake system remains in perfect working order.

How to check the brake fluid level

- Look down into the tank and conduct a visual check.
 - The fluid level must lie between the MIN and MAX markings.

>Important!

Brake fluid should be topped up at your local smart Center only

- If the level is **slightly** below the **MIN** marking
 - go to your smart Center
- If the fluid level is **well** below the **MIN** marking
 - call your local smart Center or smartmove Assistance.



Danger of accident!

The smart should not be driven at all if the brake fluid level is too low. There is a strong risk that the brake system may malfunction.

Tire pressure

It's all about having the right tire filling pressure

Non adherence to the prescribed tire filling pressures can

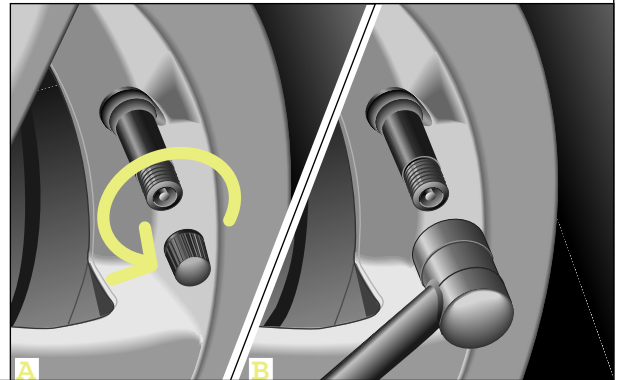
- reduce driving safety
- impair driving behavior
- increase tire wear.

Check the tire pressures when you are at the filling station

- When doing so let the tires cool down first.
- Unscrew the valve's protective cap (A).
- Check the tire pressure (B).
 - The tire pressure values are printed on the inside of the fuel filler cap and on Page 9-12 of this owner's manual.
- Screw the protective cap back onto the valve.

>Note!

Also pay attention to the load status and the climatic conditions.



Tire pressure

>Important!

Always screw the protective cap back onto the valve.
The protective cap protects the valve against dirt and any leakages.



Danger of accident!

Make sure the tire pressures are correct.
Tire pressure below or above the specified limits can

- destroy the tires in the longterm
- exert an unfavorable influence on the smart's driving behavior.



Environment

If the tire pressure is set too low this will result in increased fuel consumption.

>Note!

Check the tire pressure only when the tires are cold. Tires heat up during a journey. The tire filling pressure increases as a result by approx. 0.2 bar.

Wiper blades

To have a clear view of things

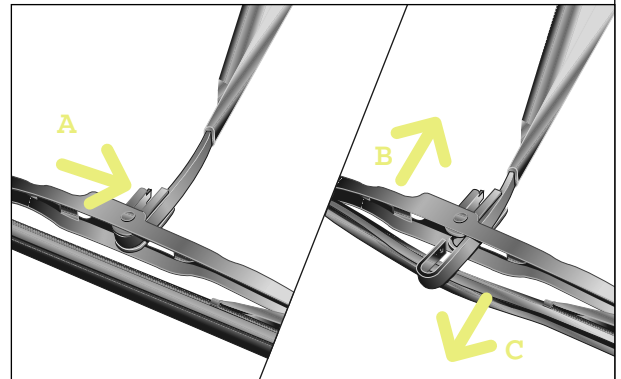
- perfect wiper blades are absolutely indispensable.
- you should clean the wiper blades regularly with a cleaner.
- remove any tough dirt stains with a sponge or brush.

How to change the wiper blades

- Take the keys out of the ignition lock.
- Fold the wiper-blade arm up and turn the wiper blade until it is horizontal.
- Press the retaining springs (A) together.
- Slide the wiper blade off the end of the wiper arm (B).
- Slide the new wiper blade onto the wiper blade arm (C).
→The retaining springs should be heard to engage.

>Note!

Original wiper blades are available at your local smart Center.



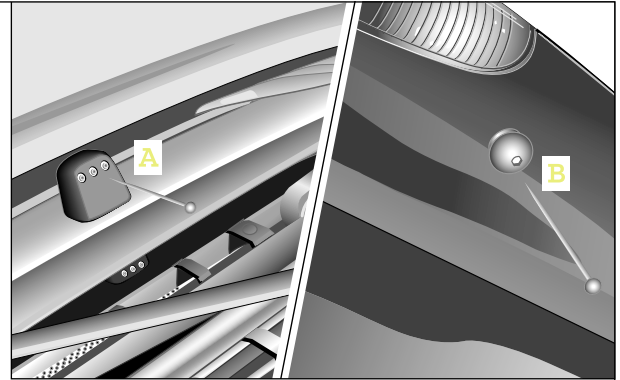
Wiper blades

How to set the washer system's nozzles

Use a needle to adjust the washer system nozzles' spraying range.

The washer system nozzles are located

- in the center between the service grids (A).
- next to the third brake light at the tailgate (B).



Care instructions

Your smart needs to be taken care of

Regular care will protect your smart from external influences both on the outside and in the inside and will help it to retain its value.

>Important!

Please study the instructions for use printed on the packaging of the cleaners.

We recommend that you use the smartcare products because

- they exhibit an excellent cleaning capability and provide a perfect level of protection,
- the products have been specifically designed with the smart materials in mind and
- all smartcare products are free of colorants and aromatics.

>Note!

All smartcare products are available for you at your local smart Center.

The following types of dirt should be removed immediately:

- bird droppings
- tree resins
- dead insects.

>Note!

If you fail to remove such dirt immediately this can cause the paint to dissolve. These factors are environmental influences that are not covered by any warranty.

Care instructions

Outside

Things you should watch out for before washing your smart!

Firstly, you should get rid of highly-resistant dirt such as, e.g.

- dead insects, bird droppings and tree resins,
- oils, grease, fuel and tar.

When removing dead insects

If you want to remove insects before you start to wash the smart,

- use the smartcare insect remover spray.
- after this leave the insect remover for a few minutes to work in.
- rub it in lightly with a damp cloth or sponge.
- rinse thoroughly with lots of water.
- apply hard wax to the cleansed surface.

When removing tar

If you wish to remove any tar marks before washing the smart,

- apply the tar remover with a damp cloth.
- after this leave the tar remover for a few minutes to work in.
- rub it in lightly.
- rinse thoroughly with lots of water.
- apply hard wax to the cleansed surface.

Care instructions

When washing your smart by hand

- wash your car using car shampoo concentrate and a sponge.
- rinse the car with clear water afterwards.
- rub your smart down with a leather cloth.

>Important!

Do not wash your car in strong sunshine. The body panel surfaces and paint finish may be damaged.



Environment!

It is more advisable to wash your smart at a dedicated car wash area or at a car wash facility, because by washing the car in the street it is possible that grease and oil can succeed in getting into the sewage system. This presents an additional burden on the environment.

When washing your smart in a car wash

We recommend that you lower your smart's antenna or unscrew it before driving into the car wash.



Danger of accident!

Directly after leaving the car wash the brakes will still be wet and they may not yet be able to function 100%. For this reason, you should apply the brakes gently several times after leaving the car wash - while doing so do not endanger other road users.



Care instructions

Outside

The frequency with which you should take care of your paintwork varies with

- car usage,
- where you normally park the car (garage or under tree),
- the season
- weather and environmental influences.

If your smart has suffered damage to its paintwork

You can use a touch-up paint stick to repair insignificant stone-chip damage and scratches. The smartcare touch-up paint sticks are also available at your local smart Center.

Outside	Repair possibility
Plastic parts (bodypanels) dyed throughout with clear lacquer	touch-up paint stick
Bodypanels with basis and clear lacquer	2 layer smartcare paint stick set in respective color, e.g. true blue
Tridion safety frame	2 layer smartcare paint stick set in respective color, e.g. anthracite, silver

>Note!

In cases of major paintwork damage you should get in touch with your local smart Center.

Care instructions

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

Interior	Specialties	Dirt normal manual/automatic car wash	Dirt strong manual/automatic car wash	Never
Fabric upholstery in the smart	use a clean, non-fluffy cloth	light soap suds, stain remover	stain remover	rub roughly, use cleaning spirits
Plastic parts in the smart	use a color-fast cloth	damp, clean cloth, cockpit spray	damp, clean cloth, cockpit spray	scour or use solvents
Leather in the smart	use a clean, color-fast cloth	clean cloth with lukewarm water, leather care product	leather care product	use acidic agents, stain remover etc.
Glass windows in the smart		damp, clean cloth, screen cleanser	screen cleanser	use acidic and aggressive agents

Care instructions

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

Interior	Specialties	Dirt normal manual/automatic car wash	Dirt strong manual/automatic car wash	Never
Tridion frame anthracite	Powder coated single-coat paint finish	Car shampoo concentrate, insect remover for dead insects	Car shampoo concentrate, hard wax, insect remover for dead insects	Use polish on the Tridion anthracite frame, nor aggressive paint cleaner, machine polish, abrasive agents, acidic, powerful alkaline agents, scouring sponges high-pressure or hot water cleaners
Tridion frame silver	Powder coated single-coat paint finish			
Highly polished dyed throughout plastic parts (bodypanels)	Dyed throughout plastic parts with basis and clear lacquers or clear lacquer only			
Wheels and wheel covers	2-coat metallic paint finish (high gloss)	Car shampoo concentrate, wheel rim cleanser	Car shampoo concentrate, wheel rim cleanser	
Cabrio soft top	Landmark fabric	Car shampoo Concentrate, Soft-top cleaner, Impregnation spray	Car shampoo Concentrate, Soft-top cleaner, Impregnation spray	