

- Must Read Before Construction
- Complete service process
- Specific Part Construction Method
- Construction Inspection Standards
- Warranty Notice
- Maintenance Instructions

1. Must Read Before Construction

Must read before construction

- The construction workshop needs to be bright and dust-free at a constant temperature.
- The temperature of the car paint before construction shall not be lower than 16°C and exceed 30°C .
- Note : If the temperature is too low, you can use hot water to match the installation liquid (between 70°C and 80°C).
- Construction personnel are not allowed to wear sweaters that can easily fall off.
- Before construction, the edges and corners of the construction surface must be cleaned with alcohol, so that the edges are firm, safe and fast.
- The temperature of the car paint before

construction shall not be lower than 16°C and exceed 30°C . Note : If the temperature is too low, you can use hot water to match the installation liquid (between 70°C and 80°C). When the temperature is too high , cold water can be used to cool down before construction .

- For technical questions , please contact your local agent and report it to the head quarters .

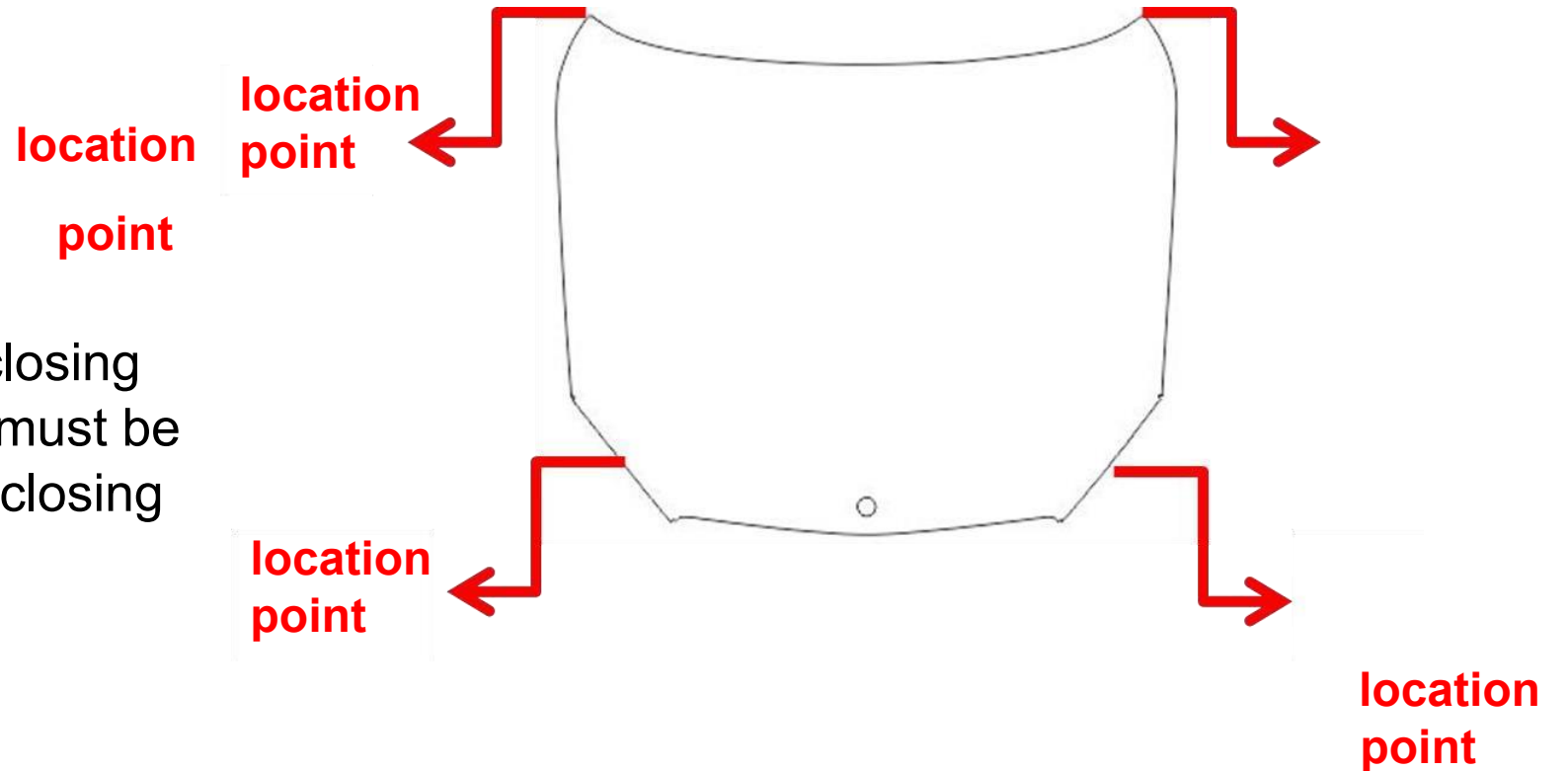
Must read before construction

- Installation liquid ratio: use baby shampoo or imported concentrated detergent.
- Proportionally mix 2 liters of water to 2-3 drops (0.5 grams in total, the ratio can be assisted by a syringe). **If the gel pattern is too heavy, increase the dosage to 10-20 grams.**
- **Do not spray the installation fluid containing alcohol directly on the surface of the glue, which will cause the glue to fall off.**
- Choose a spray can with good atomization. Shake evenly after the installation liquid is matched, and spray evenly on the glue layer and car paint during installation.

Must read before construction



Construction method: Use the construction method of the machine cover, and perform 4 corner flushing and positioning after forming. Then carry out intermediate drainage. When closing the edges, the installation fluid must be rinsed with clean water before closing the edges.



Film surface care can effectively isolate pollutants

The best curing time is the first curing after construction

1.

First step: Clean the film surface with 75% or above alcohol and non- woven fabric.

2. Second step: Coat the film surface

evenly with liquid wax and waxing sponge. (Be careful not to smear the corners when waxing)

3. Third step: Allow the applied wax to dry for 5 to 10 minutes and then wipe the wax with a clean soft towel.



- After the surface care of the film is finished, it can increase the film surface brightness, film surface

- smoothness, water slippage, stain resistance and so on.

- It is recommended to do a maintenance in 1-3 months according to the local environment. The film surface must be cleaned before each maintenance.

- Car wash in time after rain and effective care can extend the life of the product.

Remove the film correctly

First step:

Cut the film surface into strips 10 to 15 cm wide each with a knife. The length can follow the length of the sheet metal surface.

Second step:

Use hot water or steam to heat the film. (The water heated on the film surface is controlled at about 80 degrees). When the film is peeled off, the

degrees or 45 degrees.

Then peel off the film from the edge, and then pull the peeled film back.


The height between the film and the paint must be less than 30 degrees.



Wrong angle and no heating or excessive heating will cause the film to peel off the glue.

The installation liquid containing alcohol or the flushing liquid containing alcohol will cause the film to peel off during the construction.





temperature of the film surface is controlled at about 45 to 65, and the film and the paint surface form an angle of 30

2. Complete Service Process



1. Accept the vehicle and register



7

2

3



5

2. Initial cleaning

Paint Protection Film

No. 82288888



姓 名: _____

联系电话: _____

车 型: _____

原车颜色: _____

车牌号: _____

车 架 号: _____

窗 框 色: _____

前 漆 量: _____

贴膜前: ☐ 前灯 ☐ 前挡 ☐ 侧挡 ☐ 后挡 ☐ 侧挡 ☐ 后杠 ☐ 前杠 ☐ 前侧 ☐ 后侧 ☐ 前侧 ☐ 后侧 ☐ 车窗 ☐ 后挡 ☐ 侧挡

备注说明: _____







(前挡: X 前挡+ 侧挡+ 后挡+ 侧挡+ 后挡+)

贴膜项目	金 额	贴膜项目	金 额

共计金额: _____

支付方式: ☐ 现金 ☐ 刷卡 ☐ 其他 _____

本人已确认与施工方记录车况, 并妥善收提车内存留物品, 同意按照以上服务流程施工, 施工前已通知注意事项。
 ●喷漆、补漆的部位, 施工时可能会出现局部掉漆 ●发丝缝隙的部位, 贴膜时可能会出现局部掉漆

提车日期: _____ 年 _____ 月 _____ 日 提车方签名: _____

贴膜签名: _____

总经销商: 康佳汽车贴膜科技(上海)有限公司
 地址: 上海市浦东新区

服务热线: 400-111-1111 客服电话: 800-111-1111

官方网站: www.profex.com

白色保护膜 · 红色保护膜

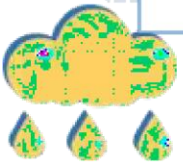


(Car wash technician)

Rinse the body, wheel hub, inner lining, and all gaps between the edges of the car with a water gun, dry with a towel, and park the car in the

Construction parking space.

Refer to the store's fine car wash standard assessment.



2. Measuring cutting film



(Film Technician)

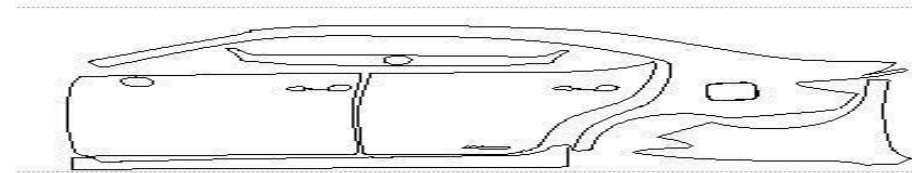
1 Measuring and cutting film: two people assisted to measure the longest and widest of each sheet metal. In the standard data of the measurement, the length and width should be expected to be 10 to 5 centimeters each for the support of the film during construction.

2 Sampling and cutting film: The material is transparent table cloth, PET transparent protective film. You can see the sheet metal surface and structure.

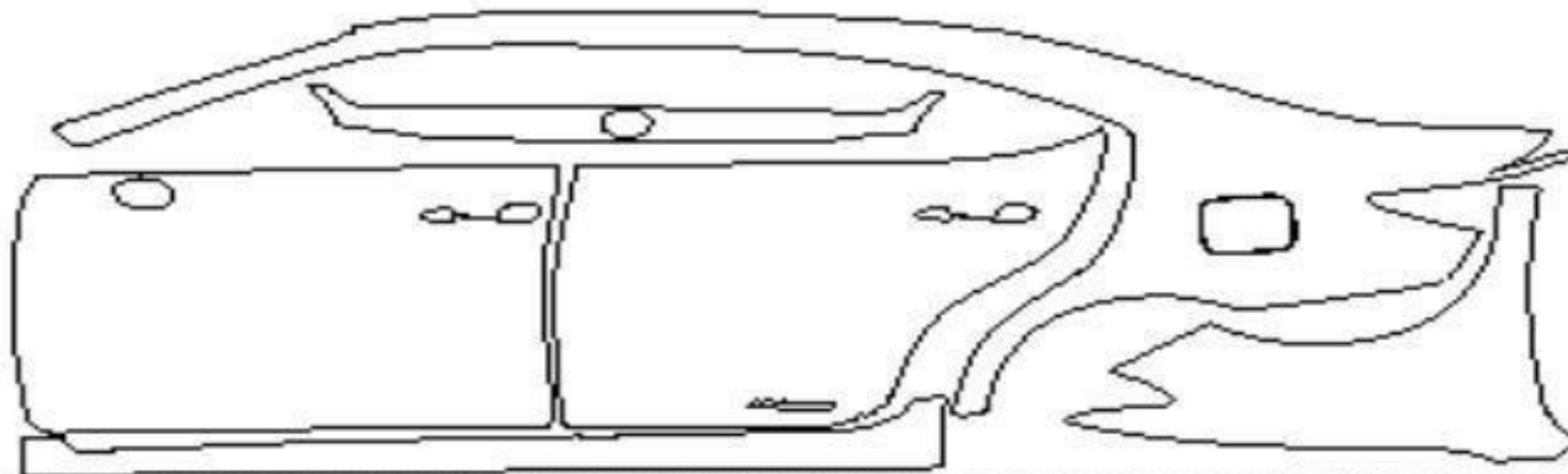
3 Set cutting, collocation and combination are both fast and film-saving

4 After cutting, roll it up to make a mark, write the name of the vehicle and the cut sheet metal.

5 Roll the remaining film in the original direction and stick it tightly.







Front and rear fender cover cuts pic


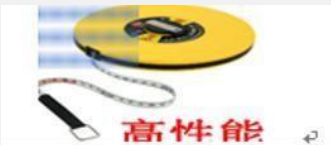



OZONE PPF construction tool introduction, use and operation specifications




No.	Tool Name	Tool Pic	Tool Description	Specification for use and operation
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1	Knife		Deli knife	<p>Extend 2 blades during application, the blade is tilted about 30, be slow to cut when using knife; make a scratch on the film but not pierced which is deep about half of the film's thickness, so film is easy to tear.</p> <p>Please take the blade back after use</p>
2	Special blade		30° blade	<p>Pay attention to the sharpness of the blade to change a new one at any time to avoid leaving tooth marks on the film; keep the discarded blades in the fixed location.</p>
3	Scraper blade for transparent film		Neither too hard nor too soft; high density	<p>Keep the rubber scrip smooth and flat.</p>
4	Small yellow scraper		Edge of ultra-thin; with hard texture	<p>It's suitable for corners and panels to clean up or apply, which can be used with nonwoven fabric.</p> <p>Make the edge flat before use.</p>

OZONE PPF construction tool introduction, use and operation specifications


No.	Tool Name	Tool Pic	Tool Description	Specification for use and operation
5	Hot air gun		1400KW-1600KW, heat up quickly to save your time and labor.	When heating the film, please keep the muzzle 15 to 20 centimeters away from the film for less than two seconds; when heating the corners of the film, please keep the muzzle 7 to 8 centimeters away from the film for one second; when heating the place around the concave rib, please don't stretch the concave rib or make the film around it shrink; please pay attention to heating the middle of convex part rather than the convex side; when heating along the side, please heat up to 80-90°C.
6	Tape measure		A soft tape measure of 5 meters in length.	It's used to measure the size of the metal plate.
7	Power board		10 meters – 15 meters	It's used to connect plug with the hot air gun. Please check whether there is any damage before use. Don't extrude it after use.

OZONE PPF construction tool introduction, use and operation specifications

No.	Tool Name	Tool Pic	Tool Description	Specification for use and operation
8	Laser thermodector		Infrared thermometer	It's used to measure the temperature of the paintwork and the temperature of film when closing edge. Please turn off it after use, handle with care.
9	Car washing mud		Car washing mud of medium and high quality.	It's used for washing the dust, oils and so on. Please put it in cool and dry place after use to avoid be stained with dust and sand.
10	Masking tape		Soft adhesive tape in 1.5 centimeters of width	It's used for cutting irregular design and special lines. Please stock it in cool and dry place and don't squeeze it to avoid be shape changed.

11	Nonwoven fabric		Soft nonwoven fabric	It's used to clean up the car body and the side seam before applying the film.
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OZONE PPF construction tool introduction, use and operation specifications

No.	Tool Name	Tool Pic	Tool Description	Specification for use and operation
12	Films-on		KDX Films-on	It's used to squeeze out air when applying films and lubricate the film and scraper blade. Please pay attention to spray evenly.
13	Alcohol		Alcohol solution	It's used to clean up before applying the films; 1. 25% alcohol is 99% alcohol mixed with 75% water.



2. 33% alcohol is 70% alcohol mixed with 66% water.





3M adhesive tape

It's used for pasting the car label or other decorations.

OZONE PPF construction tool introduction, use and operation specifications

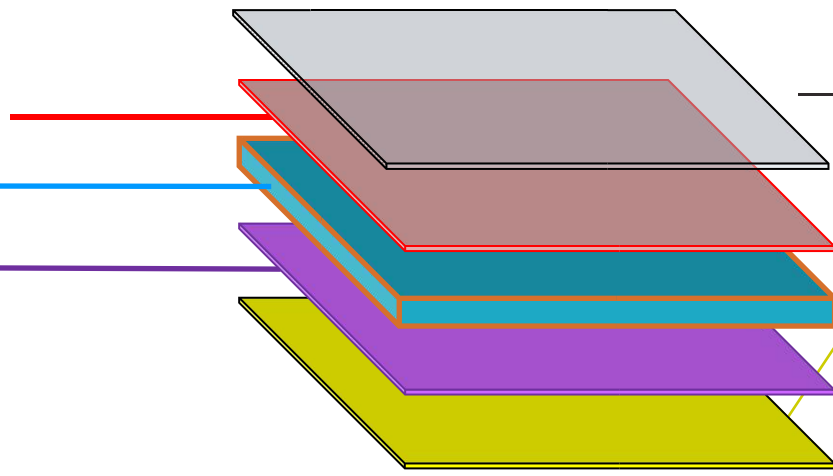
No.	Tool Name	Tool Pic	Tool Description	Specification for use and operation

15	Markers		Fuscous markers	After cutting the films, please mark every applying parts and the license plate number to avoid mislabels or omitting.
16	Towels		Soft and slip no villi	It's used to wipe the water when cleaning up the car or applying the films.
17	Big and small watering cans		2L; 500ML	It's used to hold water, films-on, alcohol and other solutions. Please mark clearly the name of every kind of solution.

OZONE PPF Structure and composition

-
- 2. Self repaire coating
- 3. TPU raw film
- 4. Ashland Glue

Basic structure



• Additional structure

- 1. PET Protective film
- 5. PET Release paper (adhesive)

Vehicle disassembly before construction

1. Carefully disassemble some detachable trim panels, trim strips, handles, lights, car logos, etc. that affect the construction of the film.

2. Arrange the disassembled parts in an orderly manner to avoid loss

3. Car logos, decorative strips and other parts that are not accurate in grasping the position need to be photographed for Measurement and record, for reference during installation

(Disassembly
technician,
film
technician)

Deep cleaning before construction

(Film Technician)

Cleaning standard: non-woven cloth with alcohol to wipe the corners, after cleaning, no oil stains on the cloth



1. Deep paint surface cleaning, you can use some remover, car washing mud in an appropriate amount

2. Wash until the paint surface is smooth and without protrusions and dirt

3. Inconvenient cleaning parts such as corners, use a small yellow scraper, alcohol to assist in cleaning, no oil stains and dirty spots

4. Starting from the roof of the car, gradually cleaning from top to bottom

3. Construction inspection standards



Construction inspection standards

Defect name	Illustrate	Qualified
Point defect (Dust spots, glue spots, bubbles, etc.)	Diameter <1 mm	Concentration is not allowed
	$1\text{ mm} \leq \text{diameter} \leq 1.5\text{ mm}$	Central area is not allowed to concentrate , All around: 5
	$1.5\text{ mm} \leq \text{diameter} \leq 2.5\text{ mm}$	All around: 3 Central area : 1
	Diameter > 2.5 mm	Not allowed
Damaged membrane surface	The primer is exposed due to the damage of the film surface	Not allowed
Film surface folds	Length > 3 mm	Not allowed

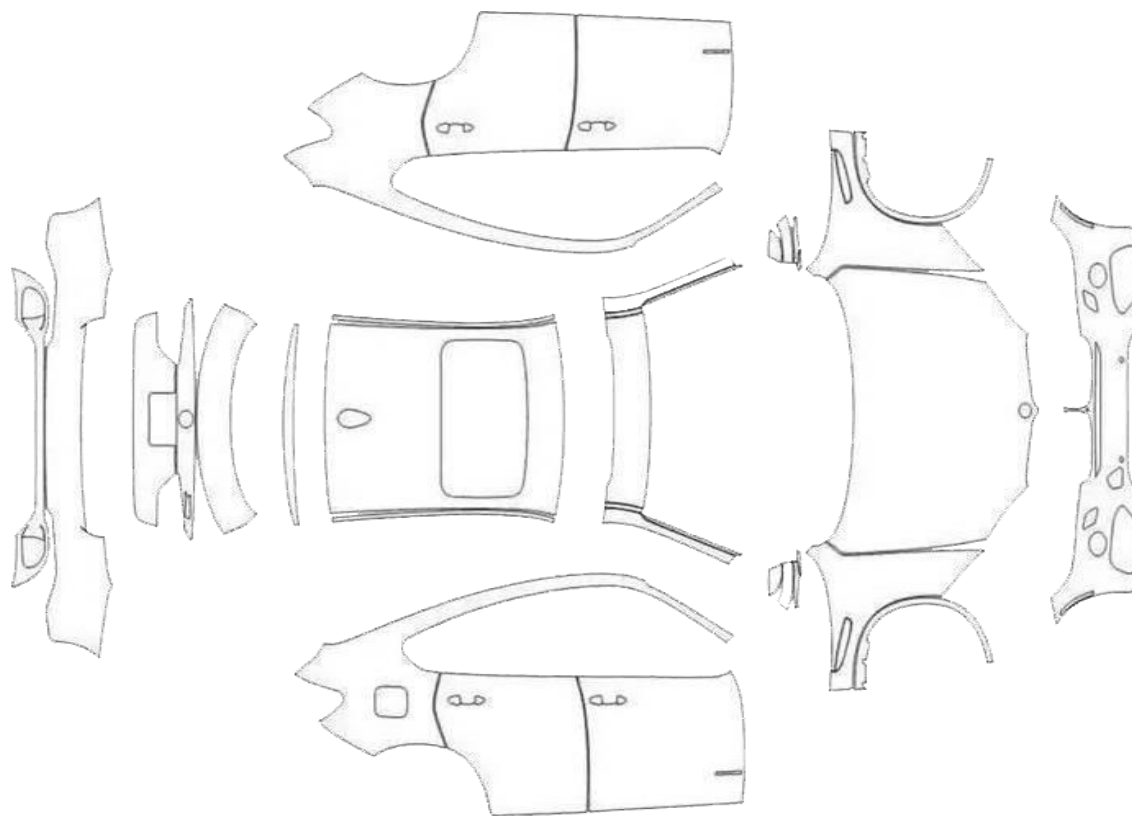
Linear defect	2 . 5 mm < length ≤ 10 m allowable number per square meter	1
Scratched surface	0 . 1 mm < width ≤ 0 . 3 mm allowable number per square meter	Length ≤ 50 mm: 4
	Width > 0 . 3 mm Allowable number per square meter	Width < 0 . 8 mm and length ≤ 100 mm: 2



3. Construction inspection standards

Construction method of specific parts

- Front hood
- Front fender
- Front bumper
- Roof
- Back cover
- Rear fender
- Rear bumper
- Car door
- Side skirts





**Pay attention to the method of construction
part**

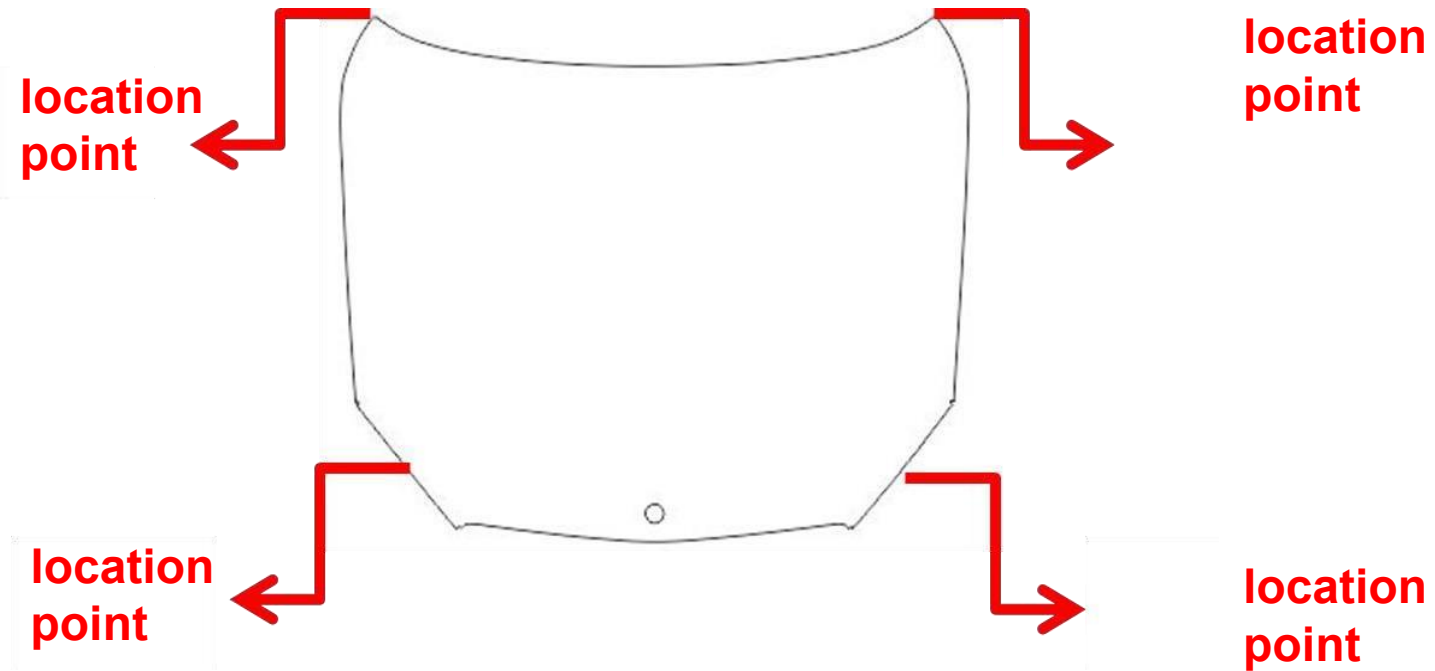
① **Cleaning importance:** Whether it is clean or not will directly affect the firmness of the hemming and quality assurance issues.

② **The essentials of the construction method:**

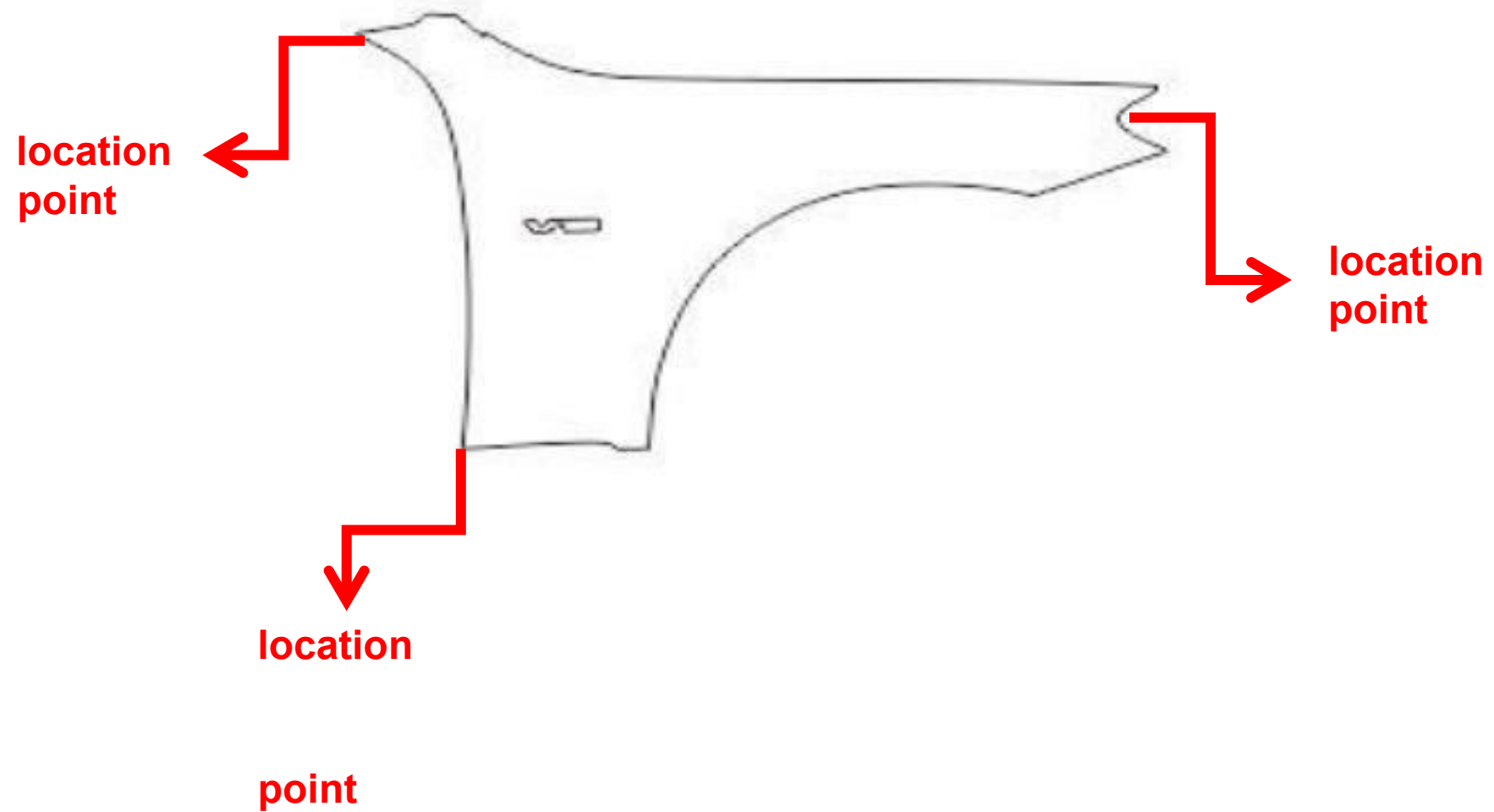
according to the principle of the construction method of the machine cover, the four-corner flushing and positioning are carried out after the drawing is formed. Then carry out intermediate drainage. When closing the edges, the installation fluid must be rinsed with clean water before closing the edges.

Front hood construction method

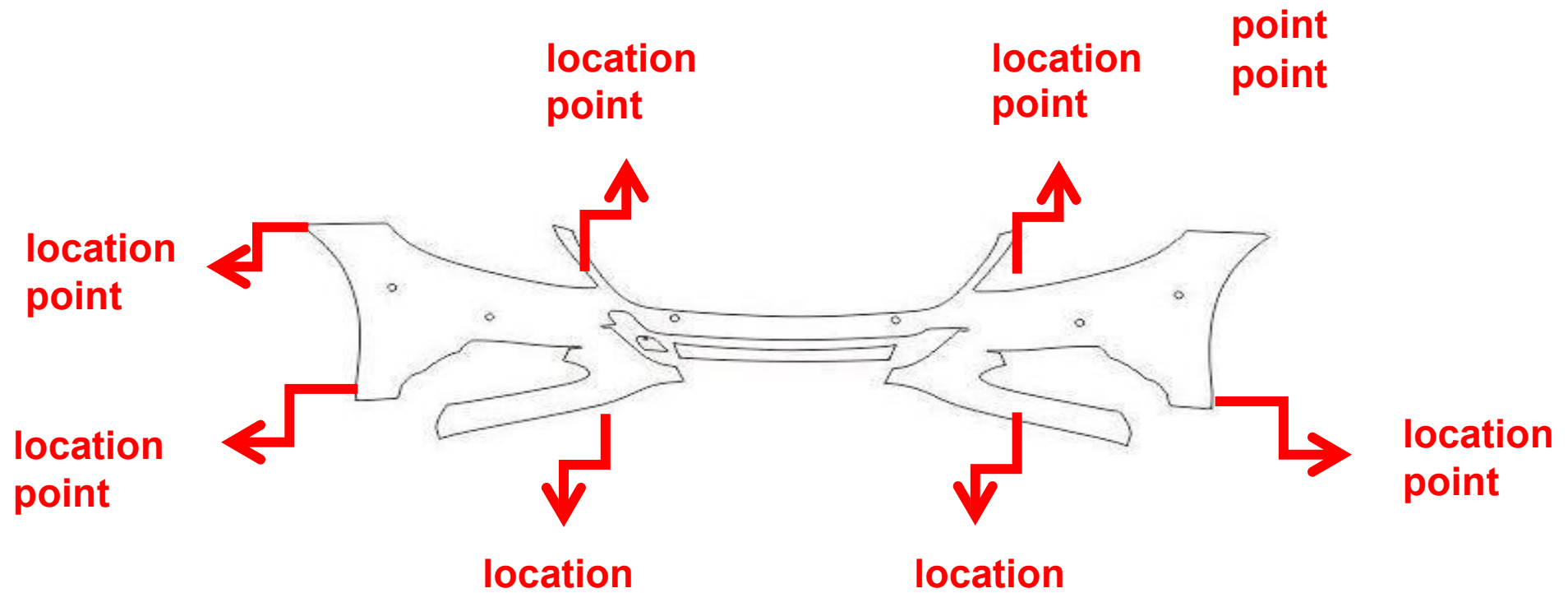




Front fender construction method



Front bumper construction method



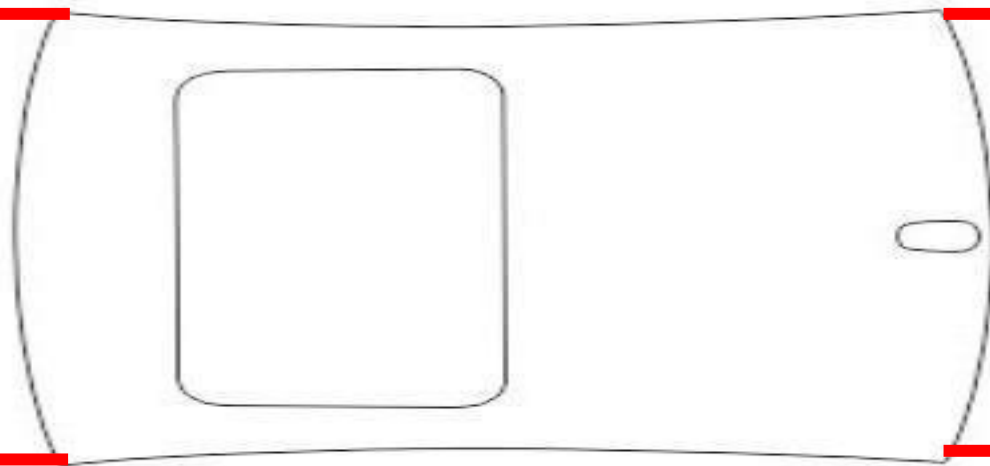
Roof construction method



location
point



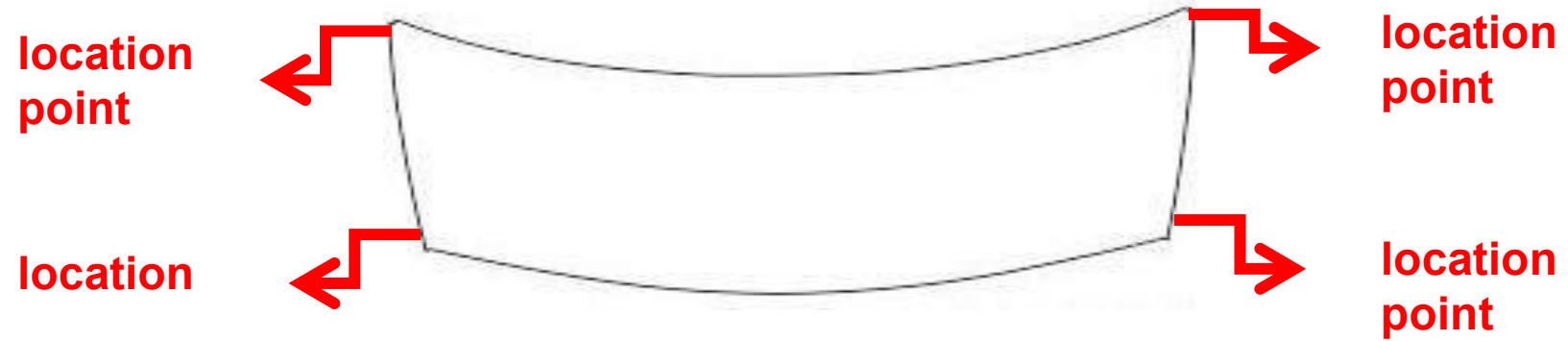
location
point



location
point

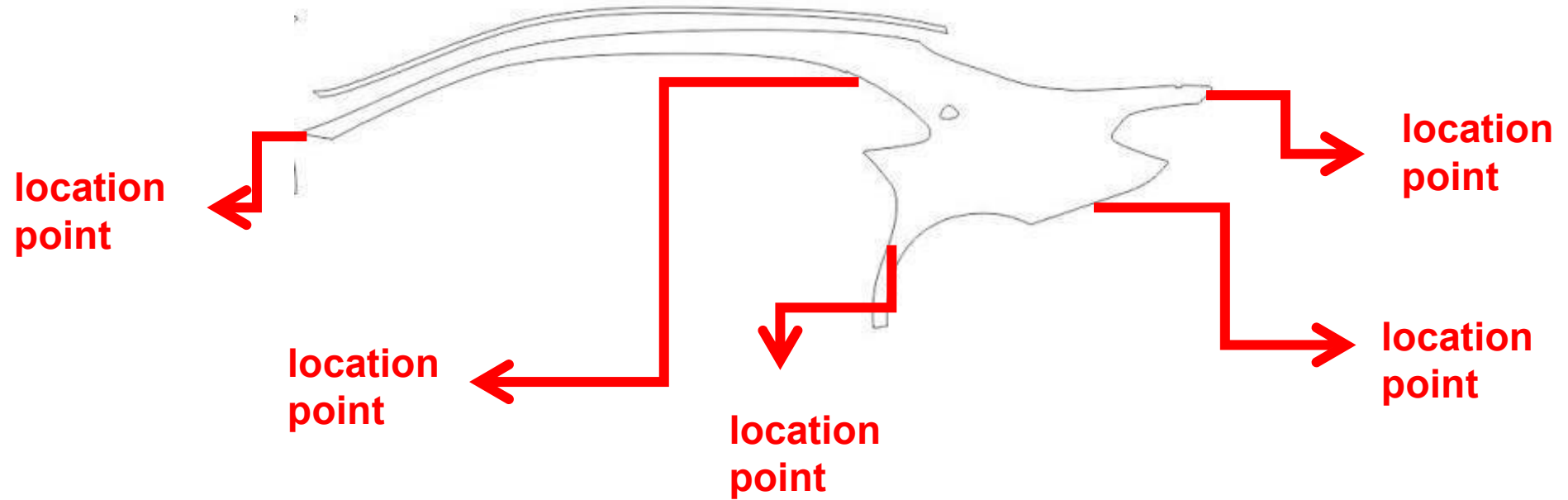
location
point

Back cover construction method

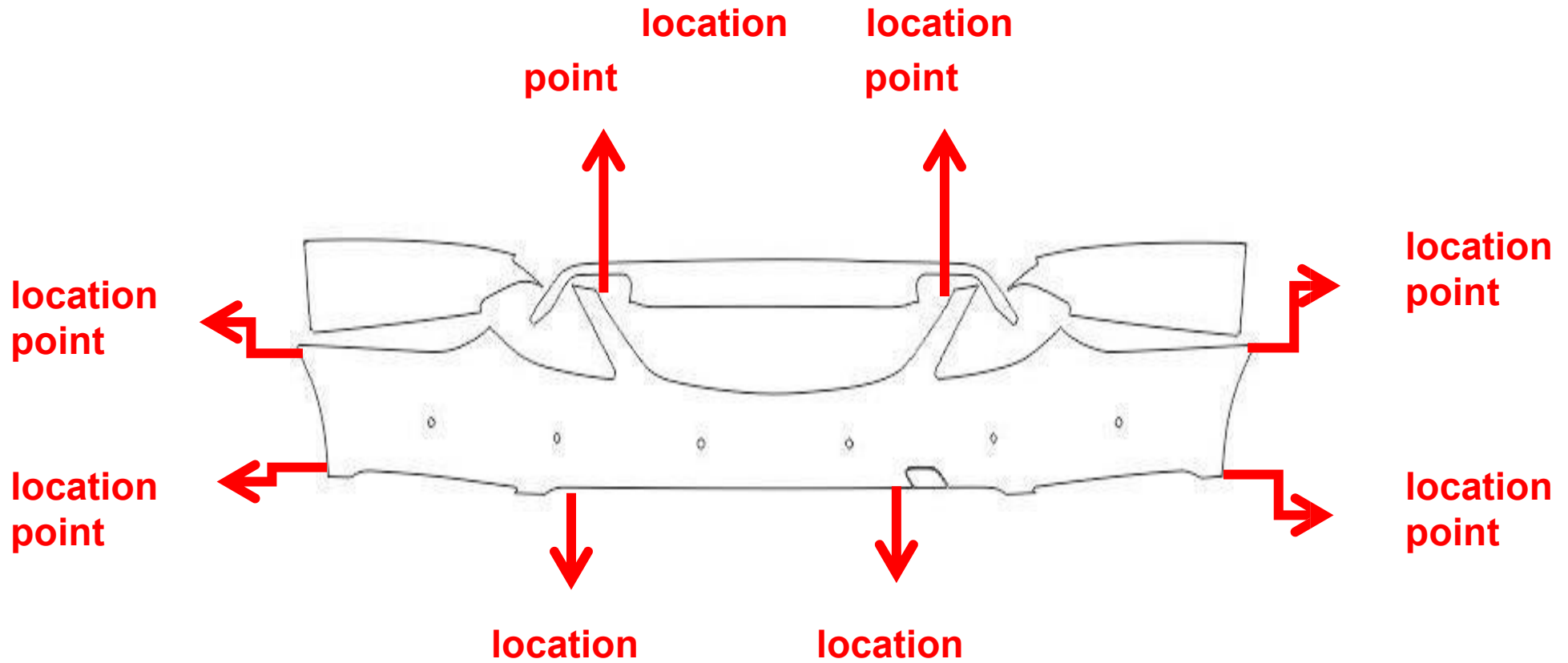


point

Construction method of rear fender



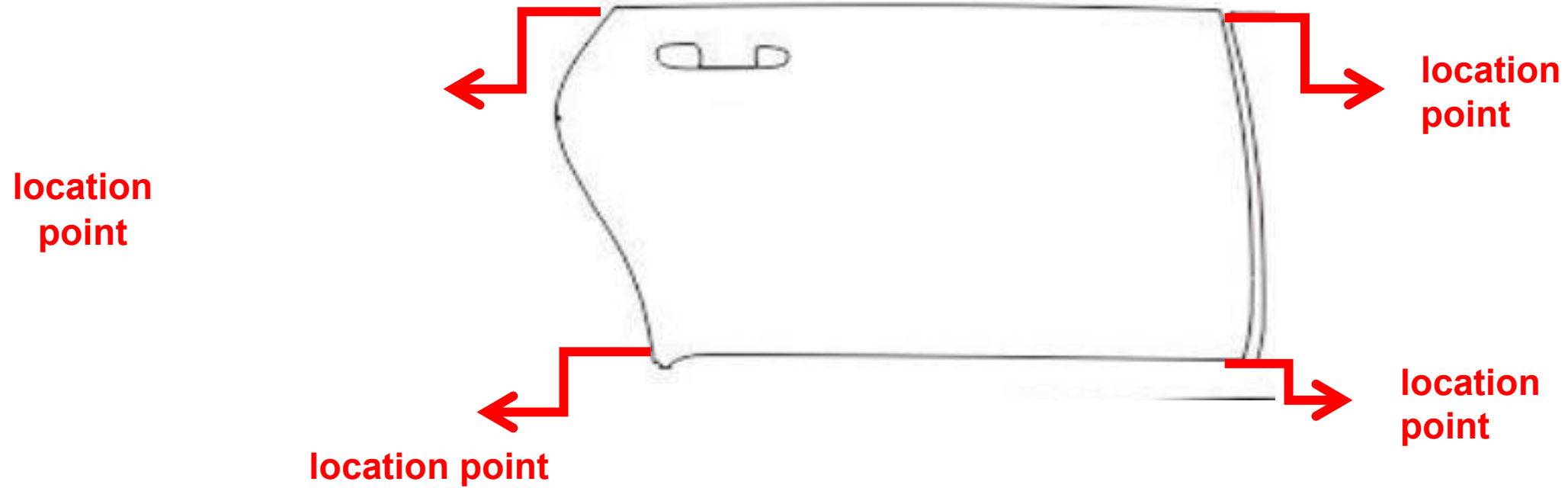
Rear bumper construction method



Car door construction method

point

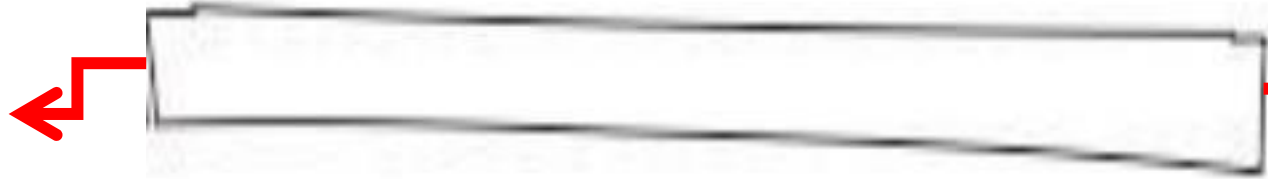
point



Side construction method



**location
point**



**location
point**

Trimming effect picture







Precautions during construction and installation

Rinse the matched lubricating installation fluid with clean water before trimming the edges and corners

1 Rinse the installation fluid in the corners with clean water

2 Drain the remaining water in the corners





Check for missing items after construction





(Film Technician)

- 
- 
1. Check whether there are any missing parts in the whole car.
 2. Whether there are bubbles, stains, and edges on the coating film surface.
 3. Whether the corner covering is smooth and round.
Find and fix it in time



The whole car is heated and reinforced

(Film Technician)

Use a hot air gun to heat the corners, bumps, and stretched parts of the car to 80 degrees, and cooperate with the scraper to ensure that the film and the paint surface of the car are completely occluded and attached.





Body restoration installation

(Film technician, disassembly technician)

Recycle the whole vehicle inspection

1
2
3
4

Install all the disassembled parts back to their original positions (word mark, handle)

Don't force it

Avoid touching the attached film surface



Completion inspection

(Film Technician, Store Manager)

1. Check again for abnormal conditions on the membrane surface
2. Whether the installation is in place
3. Start the engine to check whether the instrument has a fault code display
4. Check whether the switches of the disassembled parts such as lights, radars, etc. can be activated normally, etc.



Mask care can effectively isolate pollutants

The best curing time is the first curing after construction

first step

Clean the surface of the membrane with an alcohol of 75% or more and a non-woven fabric.

Second step

Coat the film surface evenly with liquid blue, liquid transparent wax and waxing sponge.

(Be careful not to smear the corners when waxing)

third step

Allow the applied wax to dry for 5 to 10 minutes and then wipe the wax with a clean soft towel.

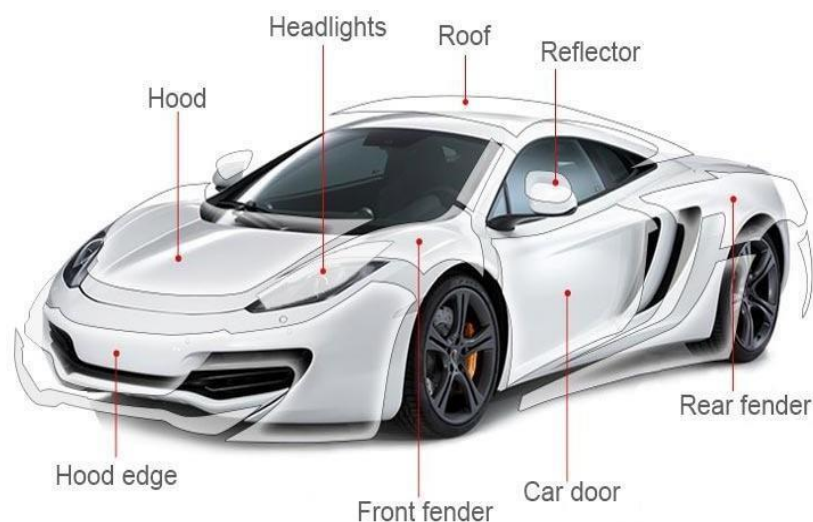


After the film surface is cured, it can increase the film surface brightness, film surface smoothness, water slippage, stain resistance and so on.
It is recommended to do a maintenance in 1-3 months according to the local environment. The membrane surface must be cleaned before each maintenance.
Car wash in time after rain and effective care can extend the life of the product.


Take a photo for the record

(Sales)

Wipe the whole car body
clean, hang the Proflex
butterfly image suit, and take
photos for record. It should
front, rear, front side, left front



include
right front



45 degrees, left rear right rear 45 degrees, 9 parts of the roof, and close-up details
, The company archives and records, uploads the case system.

Use and maintenance instructions

- Do not wash the body within 48 hours after the installation is completed, and cannot drive at high speed to avoid driving in the rain.

- When washing the car, avoid scrubbing the edge of the protective film with excessive force, and avoid directly washing the edge of the protective film with a high-pressure water gun.
- Do not use fading towels and other easily fading items during daily cleaning and maintenance.
- Do not use suction cups to absorb the surface of the film, avoid use in wedding cars.
- If there are stains on the membrane surface that cannot be cleaned, it is recommended to clean it in time with a special cleaning agent.
- If the film surface feels foggy after installation, it is a normal phenomenon and disappears in about 1 day and 10 days.
- If there are edges or corners within three days after installation, immediately contact the construction party for inspection and maintenance.
- After construction, do a waxing maintenance on the membrane surface. It is recommended to do a mask maintenance every 1-2 months.





UV AND
SUNSHINE



WEATHER
EROSION



ACID
RAIN



GRAFFITI &
SCRATCHES



BIRD
DROPPING



TREE
GUM



4. Quality maintenance instructions

Warranty scope

OZONE PPF promises during the warranty period: OZONE lacquer protective film will not blisters, cracks, edge warping, or degumming within 5 years.

The damage caused by OZONE PPF in the following non-warranty scope cannot be guaranteed:

1. Installation and construction of paint protective film by a party not authorized by OZONE
2. Improper cleaning, maintenance or maintenance of paint protective film
3. Damage to the paint protective film caused by accident or man-made



Remove the film correctly

First step:



Cut the film surface into strips 10 to 15 cm wide each with a knife The length can follow the length of the sheet metal surface.

Second step:

Use hot water or steam to heat the film. (The water heated on the film surface is controlled at about 80 degrees). When the film is peeled off, the temperature of the film surface is controlled at about 45 to 65, and the film and the paint surface form an angle of 30

degrees or 45 degrees.

Then peel off the film from the edge, and then pull the peeled film back.

The height between the film and the paint must be less than 30 degrees.



Wrong angle and no heating or excessive heating will cause the film to peel off the glue.

The installation liquid containing alcohol or the flushing liquid containing alcohol will cause the film to peel off during the construction.



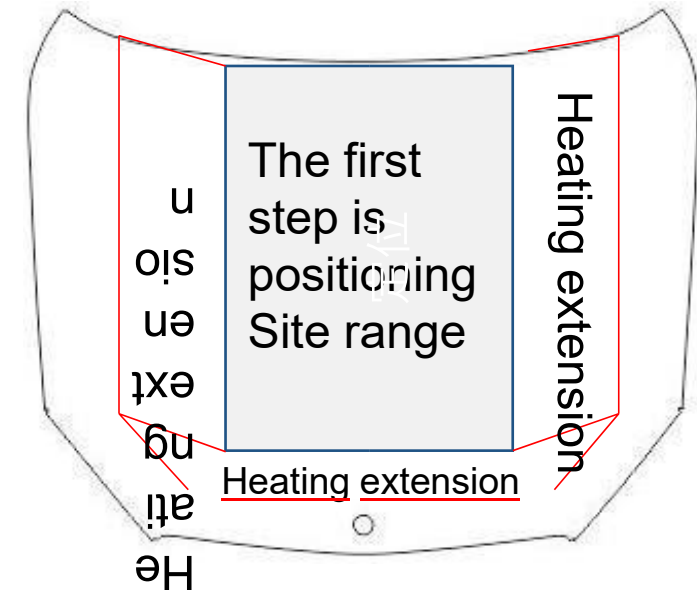
5. Construction inspection standards

Coating Essentials Principle of Pre-stretching and Retracting Coating

- 1 clean and clean
- 2 Installation fluid allocation
- 3 product extension parameters 1 to 1.5
- 4 Estimated curvature of sheet metal structure
- 5 The temperature of heating and extension is 90-10 degrees (heating equipment steam engine)
- 6 The distance between the temperature and the film (2-5 cm)

- 7 Requirements of the drainage scraper (the scraper has moderate hardness)
- 8 Reinforcement of edges and corners (sides, corners, and concave surfaces need to be heated for about 80% of the film surface and compacted)

Principle of pre-stretching and shrinking coating



Remember not to extend too much at the edge