# SECTION PG PAINT GUIDE

### **CONTENTS**

Blisters	2	Fade: Blackout Panel Fade	24
Boil	3	Fade	25
Buff Marks	4	Grin Through	26
Chipping: Door Edge Chips	5	Loss of Gloss	27
Chipping: Stone Chips	6	Mottling (Shading)	28
Chipping: Wheel Well Chips	7	Orange Peel	29
Colour Mismatch	8	Overspray	30
Cracking	9	Peeling: Bumper Peeling	31
Craters / Fish Eye	10	Peeling: Bumper Scrapes	32
Dent: Inward	11	Peeling: Clearcoat Peeling	33
Dent: Outwards	12	Peeling: Colourcoat Peeling	34
Dirt in Paint: Fibre / Hair	13	Peeling: Grille Peeling	35
Dirt in Paint: Rash / Dirt	14	Paint Guards: Paint Guard Film	
Dirt in Paint: Sanding Debris	15	(PGF) Stains	36
Environmental: Acid Rain	16	Paint Guards: Paint Guard Coat	
Environmental: Bird Droppings	17	(PGC) Remains	37
Environmental: Chemical		Poor Spot Repair	38
Contamination	18	Runs & Drips	39
Environmental: Hard Water Spots	19	Scratches: Sanding Scratches / Marks.	40
Environmental: Insect Spots	20	Scratches: Surface Scratches	41
Environmental: Iron Particles	21	Stand Up	42
Environmental: Tree Sap Spots	22	Thin Paint	43
Excessive Sealer	23	Touch Marks	44

### **Blisters**

#### **Incident Description**

Blisters appear as small swellings, pimples or bubbles on the surface of the paint. They are caused by improper surface preparation or moisture trapped beneath the paint surface.

The size of a blister can range from 0.5 to 1.5 mm in diameter and generally occur in patches, although they may also be found in isolation.

#### **Warranty Policy**

Blisters are covered under the paint warranty <u>unless</u> they are the result of a previous repair or a result of an impact / stone chip

#### **Claim Coding**

CC: 7

Paint fault = 027 Paint blister

CS: ZB CT: 76

#### Vehicle Repair Method

Refinish

#### **Diagnosis Questions**

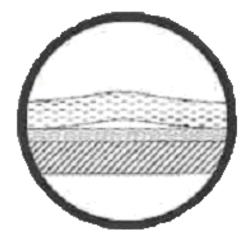
- When was the vehicle painted? Blistering can take several months to begin, and can be the result of an improper repair.
- Is the local environment humid? Paint application in high humidity can lead to blistering.

#### Similar Incidents

**Dirt in Paint** 

Dirt in paint is usually more isolated. Refer to "Dirt in Paint: Fibre / Hair"

### Recommended Explanation to Customer





Example of none warranty paint blister: cause - stone chipping



Example of warrantable blister.

### **Boil**

#### **Incident Description**

Solvent / air trapped in high paint film build.

#### **Warranty Policy**

Boil is covered under the paint warranty

#### **Claim Coding**

CC: 7

Paint fault = 008 Boil

CS: ZB CT: 71

#### **Vehicle Repair Method**

Colour coat repair

#### **Diagnosis Questions**

None

#### **Similar Incidents**

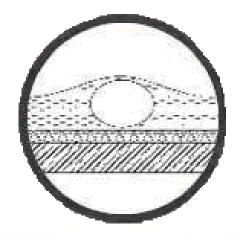
None

### Recommended Explanation to Customer

- Not a regular defect in car manufacturing
- Defect will not affect the paint long term durability
- Dependent on size of the defect carry out recommended repair procedure
- If defect is small, recommend customer acceptance as it is.

#### **Vehicle Repair Criteria**

Repair zone 1 at dealership (PDI) Repair zone 2 on customer complaint basis only





### **Buff Marks**

#### **Incident Description**

Buff marks, polishing marks, or swirl marks are fine scratches in the paint. The marks generally appear in a circular or swirling pattern and have a shape and size similar to a buffing pad. A reduced gloss or a 3-D holographic effect may also be noticed on the paint. A dirty buffing pad or an improper polishing procedure may cause buff marks.

#### **Warranty Policy**

Buff Marks are covered under the paint warranty only at PDI.

#### **Claim Coding**

CC: 7

Paint fault = 017 Discing / sanding mark

CS: ZB CT: 78



Polish hand buff repair (no new paint application required)

#### **Diagnosis Questions**

• Is the vehicle new?

The vehicle may have been improperly polished prior to delivery to the customer.

• Has the recommended service procedure to correct buff marks been performed? Refer to the Technical Bulletin on the polishing procedures for correctly removing buff marks.

#### Similar Incidents

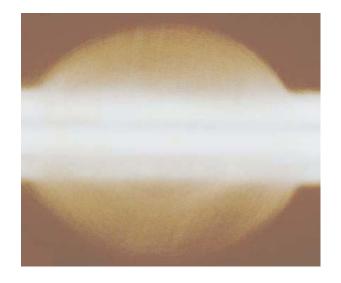
#### **Surface scratches**

Surface scratches are similar but are usually deeper and linear. Refer to "Scratches: Surface Scratches".

#### **Recommended Explanation to Customer**

None

#### **Vehicle Repair Criteria**



### **Chipping: Door Edge Chips**

#### **Incident Description**

Paint on the edge of the door will be chipped, with the primer coat or metal exposed. Impacting foreign objects when opening the door can cause this. Also, look for small chips on the doorframe

#### **Warranty Policy**

Door Edge Chips are not covered under the paint warranty

#### Claim Coding

Not Applicable

#### **Vehicle Repair Method**

Not Applicable

#### **Diagnosis Questions**

• Does the vehicle stay in a parking lot?

The most common cause of door edge chips is the result of contact with other vehicles in parking lots

#### **Similar Incidents**

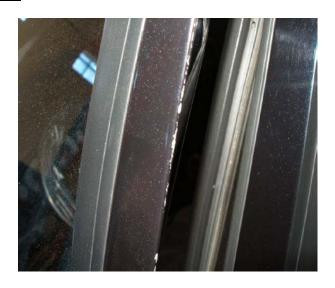
#### **Clearcoat Peeling**

If the incident is clear-coat peeling, the damage may also be evident around door handles, and key cylinders. Refer to "Peeling: Clearcoat Peeling

#### **Recommended Explanation to Customer**

None

#### Vehicle Repair Criteria



### **Chipping: Stone Chips**

#### **Incident Description**

Small chips of damaged or broken paint film may be evidence of stone chips. Stone chips are usually caused by stones on the roadway getting thrown up by vehicles in front impacting the leading face of the vehicle (hood, bumper, grille, etc.), causing small paint chips. The small chips can vary in size from 1 to 4 mm in diameter and expose the primer or substrate surface.

#### **Warranty Policy**

Stone Chips are not covered under the paint warranty.

#### **Claim Coding**

Not Applicable

#### **Vehicle Repair Method**

Not Applicable

#### **Diagnosis Questions**

 Are chips present anywhere else on the vehicle besides the front?

If so, the paint incident may be attributable to other causes.

• Has the vehicle been in an accident? If so, the chipping could be attributable to an improper previous repair.

### Similar Incidents Wheel Well Chips

Paint chipping present in wheel wells. Refer to "Chipping: Wheel Well Chips"

#### **Recommended Explanation to Customer**

- To a certain level the paint can resist stone impact
- Stone impact damage will usually be limited to the impact area only





### **Chipping: Wheel Well Chips**

#### **Incident Description**

Wheel well chips are found most prevalent on the lower rear quarter panels, lower front doors, and rocker panels where gravel is kicked up by the wheels. Look for chips on the back painted edges of wheel wells. Wheel well chips are common on vehicles driven in rural areas and in off-road conditions. In some cases, the vehicle could also have chips on the hood, fenders and bumper.

#### **Warranty Policy**

Wheel Well Chips are not covered under the paint warranty.

#### **Claim Coding**

Not Applicable

#### **Vehicle Repair Method**

Not Applicable

#### **Diagnosis Questions**

• Does the car travel on dirt/gravel roads?

Driving on dirt or gravel roads is the most common cause of this condition.

· Has the vehicle been in an accident?

Chipping could be a sign of an improper prior repair.

Are the stone chips in other locations?

Chips found on the windshield, headlights, and/or side mirrors indicate the vehicle travels on gravel roads.

#### Similar Incidents

#### **Stone Chips**

Stone chip paint damage could also be found on other areas of the vehicle. Refer to "Chipping: Stone Chips"

#### **Recommended Explanation to Customer**



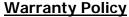
### **Colour Mismatch**

#### **Incident Description**

Colour mismatch is when adjacent body panels have slightly different colouring. Bumpers and spoilers are typical areas for potential paint colour mismatch.

This mainly occurs due to the paint chemistry and the painting process used on the different materials on the vehicle, (e.g. metal fender and plastic bumper fascia).

Note: Ensure that the vehicle is inspected in bright sunlight, under halo-gen lamps or "colour corrected" fluorescent lighting as other lighting conditions do not reveal true colours and may give a false mismatched appearance.



Colour Mismatch is covered under the paint warranty.

#### **Claim Coding**

CC: 7

Paint fault = 26 Colour mismatch

CS: ZB CT: 14

#### Vehicle Repair Method

Colour coat repair

#### **Diagnosis Questions**

· Has the vehicle been repaired?

This incident is a common result of an improper repair.

Is one of the vehicle panels metal and the other plastic?

Slight colour mismatch is normal with different materials. (E.g. metal fender and plastic bumper).

#### **Similar Incidents**

#### **Loss of Gloss**

Vehicle panels have a loss of glossy paint appearance. Refer to "Loss of Gloss".

#### **Recommended Explanation to Customer**

- Slight colour difference may occur between body and plastic parts because plastic parts are painted in a separate paint shop
  - Defect will not affect the paint long term durability
  - When only slight colour difference, recommend customer acceptance as it is

#### **Vehicle Repair Criteria**

Repair zone 1 and 2.

•





### Cracking

#### **Incident Description**

The paint surface is cracked, resembling a dry lakebed. The size and length of the cracks varies. The cracking can also appear as a 3-pointed star. Cracking is rarely seen on a factory paint finish.

#### **Warranty Policy**

Cracking is covered under the paint warranty.

#### **Claim Coding**

CC: 7

Paint fault = 014 Paint peeling

CS: ZB CT: 11

#### **Vehicle Repair Method**

Colour coat repair

#### **Diagnosis Questions**

. What is the paint thickness?

This incident is generally caused by excessive paint thickness. A paint thickness of 3.5 to 6 mils is normal

• How varied is the local climate?

Cracking can also be caused by exposure to repeated extreme temperature changes.

• Is it environmental related?

Cracking should not be confused with an environmental related incident such as a bird dropping.

#### **Similar Incidents**

#### Scrapes/Scratches

Scrapes and scratches can appear similar but they are usually more linear, and less random. Refer to "Scratches: Surface Scratches"

#### **Bird Droppings**

Bird dropping damage usually is evidenced as an isolated spot(s) on the horizontal panels of the vehicle. The paint can be cracked in a small area (approximately 20mm in diameter). The paint can also become discoloured and swelled as a result of a bird dropping. Refer to "Environmental: Bird Droppings"

#### **Recommended Explanation to Customer**



### **Craters / Fish Eyes**

#### **Incident Description**

Craters (also called fish eyes) are small "crater-like" holes or indentations in the paint surface. Size varies from pinholes up to 10 mm in diameter. Usually the larger craters occur individually, while the smaller ones are often found in small densely packed clusters. Small impurities are often visible in the centre of the crater.

#### **Warranty Policy**

Craters and Fish Eyes are covered under the paint warranty.

#### **Claim Coding**

CC: 7

Paint fault = 002 Crater

CS: ZB CT: 71

#### Vehicle Repair Method

Colour coat repair

#### **Diagnosis Questions**

Was the vehicle repainted or in an accident?

A crater may be a sign of contamination from an improper paint repair. A common cause of craters is contamination (silicone, wax, grease, oil, etc.) in the environment or on the surface of the substrate during the painting process.



Craters usually occur individually or in small groups.

• Is it environmental related?

Craters should not be confused with environmental related incidents.

#### Similar Incidents

#### **Acid Rain Etch**

Etch is more rough to the touch and generally covers large portions of only the horizontal surfaces. Refer to "Environmental: Acid Rain Etch".

#### **Bird Droppings**

Bird droppings are isolated spots generally found on horizontal panels and the paint appears discoloured, swelled or may be cracked. Refer to "Environmental: Bird Droppings"

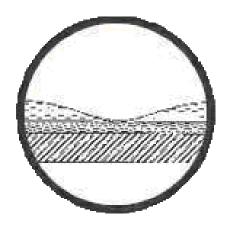
#### **Recommended Explanation to Customer**

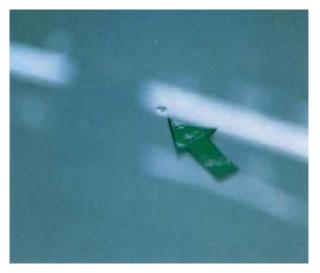
- Not a regular defect in car manufacturing
- Defect will not affect the paint long term durability
- Dependent on size of the defect carry out recommended repair procedure, if defect is small, recommend customer acceptance as it is

#### Vehicle Repair Criteria

Repair zone 1 at dealership

Repair zone 2 on customer complaint basis only





### **Dent: Inward**

#### **Incident Description**

See pictures.

## Warranty Policy Inward Dent is covered under the paint warranty only at PDI

#### **Claim Coding**

CC: 7

Paint fault = 063 Inward dent

CS: ZB CT: 12

#### **Vehicle Repair Method**

Paintless dent repair

#### **Diagnosis Questions**

None

#### **Similar Incidents**

None

#### **Recommended Explanation to Customer**

- Damage is mostly caused by secondary damage like incident during transportation or storage
- Damage is usually detected during pre delivery inspection

#### **Vehicle Repair Criteria**

Repair zone 1 and 2



### **Dent: Outward**

#### **Incident Description**

See pictures.

# **Warranty Policy**Outward Dent is covered under the paint warranty only at PDI

#### **Claim Coding**

CC: 7

Paint fault = 062 Outward dent

CS: ZB CT: 12

#### **Vehicle Repair Method**

Paintless dent repair

#### **Diagnosis Questions**

None

#### **Similar Incidents**

None

#### **Recommended Explanation to Customer**

- Not a regular defect in car manufacturing
- Defect will not affect the paint long term durability
- If defect is small, recommend customer acceptance as it is

#### **Vehicle Repair Criteria**

Repair zones 1 and 2 only Repair only on customer complaint basis



### **Dirt In Paint: Fibre / Hair**

#### **Incident Description**

Dirt in paint looks like tiny bumps in the paint surface. It is easily felt with the hand. This is caused by particles (fabric or human) of contaminant that stick to the paint as it is being applied and then get trapped inside. The particles are usually totally embedded in and covered by the paint film. The bumps are typically small in size from 1 to 3 mm in diameter.

#### **Warranty Policy**

Fibre or Hair in Paint is covered under the paint warranty.

#### **Claim Coding**

CC: 7

Paint fault = 004 Fibre (hair in paint)

CS: ZB CT: 71

#### **Vehicle Repair Method**

Polish hand buff repair If defect is large i.e. human hair, use colour coat spot repair

#### **Diagnosis Questions**

• Has the vehicle been previously repaired? Dirt in paint usually occurs during the repair process.

#### **Similar Incidents**

#### **Blisters**

Generally, blisters occur in patches. Refer to "Blisters".

#### **Iron Particles**

Iron particle spots will appear rust-coloured, with particles only partially embedded in the paint. Refer to "Environmental: Iron Particles".

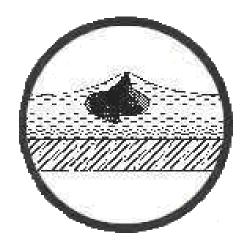
#### **Recommended Explanation to Customer**

- Not a regular defect in car manufacturing
- Defect will not affect the paint long term durability
- Problem is easily rectified and is not a major repair
- Dependent on size of the defect carry out recommended repair procedure

#### **Vehicle Repair Criteria**

Repair zone 1 at dealership (PDI)

Repair zone 2 on customer complaint basis only





### **Dirt In Paint: Rash / Dirt**

#### **Incident Description**

Dirt in paint looks like tiny bumps in the paint surface. It is easily felt with the hand. This is caused by particles (like dust) of contaminant that stick to the paint as it is being applied and then get trapped inside. The particles are usually totally embedded in and covered by the paint film. The bumps are typically small in size from 1 to 3 mm in diameter.

#### **Warranty Policy**

Rash or Dirt in Paint is covered under the paint warranty.

#### **Claim Coding**

CC: 7

Paint fault = 005 Rash (dirt in paint)

CS: ZB CT: 71

#### Vehicle Repair Method

Polish and buff repair

#### **Diagnosis Questions**

Has the vehicle been previously repaired?

Dirt in paint usually occurs during the repair process.

#### Similar Incidents

#### **Blisters**

Generally, blisters occur in patches. Refer to "Blisters".

#### Iron Particles

Iron particle spots will appear rust-coloured, with particles only partially embedded in the paint. Refer to "Environmental: Iron Particles".

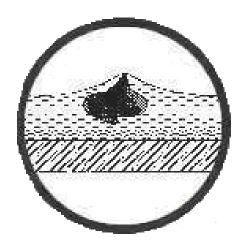
#### **Recommended Explanation to Customer**

- Common problem in all car manufacturing (not irregular defect) Defect will not affect the paint long term durability
  - Repairs may damage the factory paint finish and the long term durability may be affected
  - Recommend to the customer acceptance as it is
  - · Repair only if the customer is adamant

#### Vehicle Repair Criteria

Repair to zones 1 and 2

Repair only on customer complaint basis





### **Dirt In Paint: Sanding Debris**

#### **Incident Description**

Dirt in paint looks like tiny bumps in the paint surface. It is easily felt with the hand. This is caused by particles (panel not cleaned sufficiently at primer sanding stage) of contaminant that stick to the paint as it is being applied and then get trapped inside. The particles are usually totally embedded in and covered by the paint film. The bumps are typically small in size from 1 to 3 mm in diameter.

#### **Warranty Policy**

Sanding Debris in Paint is covered under the paint warranty.

#### **Claim Coding**

CC: 7

Paint fault = 006 Sanding Debris

CS: ZB CT: 71

#### **Vehicle Repair Method**

Colour coat repair (spot repair)

#### **Diagnosis Questions**

 Has the vehicle been previously repaired?

Dirt in paint usually occurs during the repair process.

#### Similar Incidents

#### **Blisters**

Generally, blisters occur in patches. Refer to "Blisters".

#### **Iron Particles**

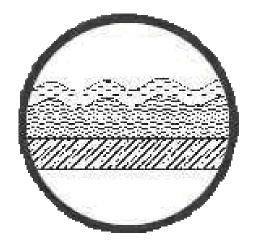
Iron particle spots will appear rust-coloured, with particles only partially embedded in the paint. Refer to "Environmental: Iron Particles".

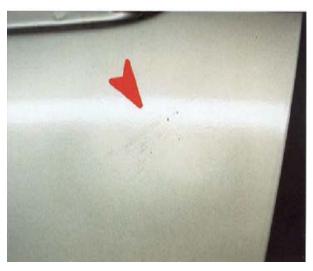
#### **Recommended Explanation to Customer**

- Not a regular defect in car manufacturing
- Defect will not affect the paint long term durability
- Dependent on size of the defect carry out recommended repair procedure
- If defect is small, recommend customer acceptance as it is

#### Vehicle Repair Criteria

Repair zones 1 and 2 at dealership Repair to zones 1 and 2 only





### **Environmental: Acid Rain Etch**

#### **Incident Description**

Acid rain etch to exterior paint occurs from industrial or environmental contaminants, which settle on the vehicle and when combined with rain or a morning dew, form acid. If the droplets are allowed to evaporate on the vehicle, the acids concentrate and can etch the paint. The longer contaminants remain on the paint the more serious the damage. Acid rain damage looks like irregular spots, which occur from hard water residue. Craters can be felt with a fingernail where the etching has occurred. Size may vary from pinpoint to 13 mm in diameter and would be most apparent on the horizontal surfaces of the vehicle.



#### **Warranty Policy**

Acid Rain Etch is not covered under the paint warranty.

#### **Claim Coding**

Not Applicable

#### **Vehicle Repair Method**

Not Applicable

#### **Diagnosis Questions**

Is the vehicle from an industrial region?

This environmental incident area is where acid rain is most prevalent.

Are the spots covering large portions of the horizontal body panels?

If the spots are only on isolated panels, the incident damage might be a result of another circumstance.

#### **Similar Incidents**

#### **Bird Droppings**

Bird drops are generally isolated spots. Refer to "Environmental: Bird Droppings".

#### **Chemical Contamination**

A chemical spill usually is limited to one area. Refer to "Environmental: Chemical Contamination".

#### **Hard Water Spots**

Hard water spots look similar but are rarely etched into the paint. Refer to "Environmental: Hard Water Spots".

#### **Insect Spots**

Insect spots generally appear on the front and leading panels. Refer to "Environmental: Insect Spots".

#### **Tree Sap Spots**

Tree sap spots will be more grouped, sticky to the touch and may have a swelled appearance. Refer to "Environmental: Tree Sap Spots".

#### **Recommended Explanation to Customer**

### **Environmental: Bird Droppings**

#### **Incident Description**

Bird droppings appear as white, gray or discoloured irregular splotches usually up to 25 mm in diameter. If bird droppings were left on the paint, the chemical nature of the bird dropping may cause the paint to discolour, swell, bubble or crack. The damaged spot or splotch will be in the shape of the bird drop.

#### **Warranty Policy**

Bird Droppings are not covered under the paint warranty.

#### Claim Coding

Not Applicable

#### **Vehicle Repair Method**

Not Applicable

#### **Diagnosis Questions**

### • Is the vehicle usually parked outside under a lamp post or sign?

This increases the possibility of exposure to bird droppings.

#### Is the vehicle dirty?

Bird droppings generally should not create a paint incident if they are cleaned off the vehicle soon after exposure.

#### **Similar Incidents**

#### **Acid Rain Etch**

Acid rain etch spots are more grouped and are generally seen only on the horizontal panels. Refer to "Environmental: Acid Rain Etch".

#### **Chemical Contamination**

Chemical contamination may discolour the paint. Refer to "Environmental: Chemical Contamination".

#### **Insect Spots**

Insect spots are usually smaller in size and appear mostly on the front and leading panels. Refer to "Environmental: Insect Spots".

#### **Tree Sap Spots**

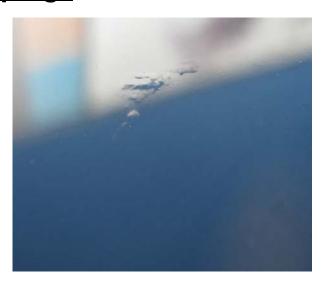
Tree sap spots appear more grouped and are generally uniform in shape and size. Refer to "Environmental: Tree Sap Spots".

#### Cracking

Bird drop damage should not be confused with paint cracking. Paint cracking damage would appear as a much larger affected area on the panel. Refer to "Cracking"

#### **Recommended Explanation to Customer**

- Some aggressive substances in bird droppings can cause permanent paint damage
- To prevent this kind of damage a bird dropping should be removed as soon as possible
- Damage can be prevented by regular car washing





### **Environmental: Chemical Contamination**

#### **Incident Description**

Chemical contamination can range in size from small spots to a large affected area. A chemical contamination incident appears as an area of discoloured or etched paint, which has definite edges. Damage is usually limited to one area of the vehicle, but can cover the entire vehicle.

#### **Warranty Policy**

Chemical Contamination is not covered under the paint warranty.

#### **Claim Coding**

Not Applicable

#### Vehicle Repair Method

Not Applicable

#### **Diagnosis Questions**

#### Does affected damage area end with a distinctive edge?

Look for areas on the same panel with distinctive difference: damage, no damage. The damage does not appear to blend with the paint.

- Are marks limited to one area? Most chemical spills are usually localized to one area on the vehicle.
  - Is the battery new?

If the battery has been recently replaced, an acid spill may have occurred. Generally, battery acid spillage is confined to a small area near the battery.

#### Did the vehicle spend time near airports or shipyards?

Jet fuel and diesel emissions are possible causes. Chemical contamination damage is frequently found on vehicles that spend time near airports or shipyards. It is generally caused from unburned exhaust fuel that empties into the air and settles on the vehicle panels. These petroleum spots appear as small purplish-blue coloured spots about 1 to 3 mm diameter.

#### **Similar Incidents**

#### **Acid Rain Etch**

Acid rain etch damage will generally cover the entire horizontal surfaces of the vehicle. Refer to "Environmental: Acid Rain Etch".

#### **Recommended Explanation to Customer**





### **Environmental: Hard Water Spots**

#### **Incident Description**

Hard water spotting forms when rain, or water from the garden hose or lawn sprinklers dries on the paint surface. When the water evaporates, hard minerals remain and create a round white ring. The rings or spots can be irregular in shape and usually lighter in colour than the surrounding surface. The size of the rings or spots is normally about 6 mm in diameter. Performing a buff and polish procedure will usually correct this incident.

#### **Warranty Policy**

Hard Water Spots are not covered under the paint warranty. Claim Coding

Claim Count

Not Applicable



Not Applicable



Does the owner wash the vehicle by hand?

Vehicles should be washed and dried in the shade to prevent rapid drying of water droplets on the paint.

Are the spots only on horizontal surfaces?

The vertical surfaces of the vehicle are less likely to exhibit hard water spots.

• Do the spots appear to be deposits on the paint surface, or are they etched into the paint?

Hard water spots rarely etch into the surface of the paint.

#### **Similar Incidents**

#### **Acid Rain Etch**

Acid rain spots are usually etched into the horizontal surface of the paint. Refer to "Environmental: Acid Rain Etch"

#### **Chemical Contamination**

Chemical contamination can appear on vertical surfaces as well, and won't easily wash off. Refer to "Environ-mental: Chemical Contamination".

#### **Recommended Explanation to Customer**



### **Environmental: Insect Spots**

#### **Incident Description**

Insect spots occur when insects impact the vehicle as it travels along the road. Look for marks with irregular shapes and discoloration on the vehicle front and leading edge panels. Insect spots occur most often in the spring and summer months, and in humid environments. Insect spots left on a vehicle may cause the paint surface to raise and/or crack. Size may vary from 3 to 25 mm in diameter.

#### **Warranty Policy**

Insect spots are not covered under the paint warranty.

#### **Claim Coding**

Not Applicable

#### **Vehicle Repair Method**

Not Applicable

#### **Diagnosis Questions**

· Where are the marks located?

Insect spots usually occur on the front, or leading edges of the vehicle. If the vehicle has been hauled on a carrier facing backwards,

insect damage could occur to the back of a vehicle.

Is the local environment humid?

Insects are more plentiful in the humid spring and summer months.

• Is the vehicle driven often at night?

Night time driving may increase a vehicle's susceptibility to insect impact.

Is the vehicle dirty?

Insect splattering should not present a problem, if they are cleaned off soon after exposure.

#### **Similar Incidents**

#### **Acid Rain Etch**

Acid rain spots will appear to have etched the paint leaving craters that can be felt with a fingernail. Acid rain usually occurs only on horizontal surfaces. Refer to "Environmental: Acid Rain Etch"".

#### **Bird Droppings**

Bird droppings appear usually as isolated spots generally on the horizontal surfaces. Refer to "Environmental: Bird Droppings".

#### **Chemical Contamination**

A chemical spill can range from small spots to a large affected area. Chemical contamination can appear on various parts of the vehicle. Refer to "Environmental: Chemical Contamination".

#### **Tree Sap Spots**

Tree sap spots appear more grouped, and mostly on the horizontal surfaces. Refer to "Environmental: Tree Sap Spots".

#### **Recommended Explanation to Customer**

- If insect remainders stay too long on the paint surface, paint damage may occur
- Can be prevented by regular car washing/polishing with finish wax



### **Environmental: Iron Particles**

#### **Incident Description**

Iron particles look like tiny orange (rust) or black coloured dots or stains on the paint surface. This incident is most noticeable on white or light colour vehicles. Iron particles may originate from metal processors, scrap yards and railroads. Vehicles transported by train may exhibit "rail dust" which originates from rail car wheel and track contact. The particles settle on the paint, and could become embedded, and oxidize. Iron particles can be felt by lightly running the hand over the paint. The surface will have a rough, gritty feel.

Note: In most cases, iron particles can easily be removed from the paint surface using a clay rub bar along with an acid wash procedure.



Iron Particles are not covered under the paint warranty.

#### **Claim Coding**

Not Applicable

#### **Vehicle Repair Method**

Not Applicable

#### **Diagnosis Questions**

- Is the car parked near metal scrapping yards, foundries or railroad tracks? A vehicle's ongoing proximity to industrial manufacturing and railroad traffic is the major cause of iron particles.
  - Is the vehicle new?

Most vehicles are delivered to dealers with PGF (Paint Guard Film) applied to protect the paint finish. Newer cars are less likely to experience iron particles in the paint.

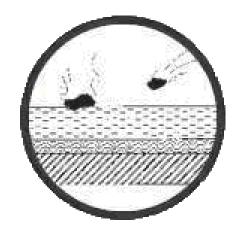
#### **Similar Incidents**

#### **Chemical Contamination**

Petroleum spots can sometimes look similar but have a purplish-blue appearance. Refer to "Environmental: Chemical Contamination".

#### **Recommended Explanation to Customer**

Iron particles from railway or industrial fall out







### **Environmental: Tree Sap Spots**

#### **Incident Description**

Tree sap spots appear as white or discoloured circular splotches about 3 to 13 mm in diameter. Tree sap spots will generally be on horizontal surfaces, and tend to be sticky to the touch. Tree sap spots can etch and discolour the paint, and may cause the paint surface to raise, swell and/or crack. Tree sap spots usually will be found grouped together in one area on the vehicle. Tree sap spots usually occur more often in the spring.

#### **Warranty Policy**

Tree Sap Spots are not covered under the paint warranty.

#### **Claim Coding**

Not Applicable

#### Vehicle Repair Method

Not Applicable

#### **Diagnosis Questions**

• Is the vehicle dirty?

Tree sap generally does not create paint damage if the vehicle is cleaned regularly.

Are there similar marks close by on other panels?

Usually, when tree sap falls onto a vehicle, it will leave spots that are grouped together.

Are there any leaves or pine needles in the cowl area?

Leaves and pine needle debris indicate that the vehicle is parked near trees.

#### **Similar Incidents**

#### **Acid Rain Etch**

Etch occurs mostly on horizontal surfaces and usually affects several areas. Refer to "Environmental: Acid Rain Etch".

#### **Chemical Contamination**

The contaminated area is usually a different colour. Refer to "Environmental: Chemical Contamination".

#### **Bird Droppings**

Bird droppings leave larger, individual, more isolated marks on a vehicle. Refer to "Environmental: Bird Drop-pings"

#### **Insect Spots**

Insect spots usually appear on the front end or on the leading edges of a vehicle. Refer to "Environmental: Insect Spots".

#### **Recommended Explanation to Customer**

- This paint damage is caused by fallout from trees and may cause permanent paint damage when left too long on the paint surface
  - Can be prevented by regular car washing/polishing with finish wax



### **Excessive Sealer**

#### **Incident Description**

Excessive body panel sealant usually at panel edges.

#### **Warranty Policy**

**Excessive Sealer is covered under the paint warranty.** 

#### **Claim Coding**

CC: 7
Paint fault =
CS: ZB
CT: 52

#### **Vehicle Repair Method**

Colour coat repair (spot repair)

#### **Diagnosis Questions**

None

#### **Similar Incidents**

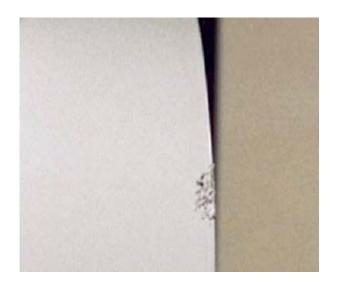
None

#### **Recommended Explanation to Customer**

- Not a regular defect in car manufacturing
- Defect will not affect the paint long term durability
- Dependent on size of the defect carry out recommended repair procedure
- If defect is small, recommend customer acceptance as it is

#### Vehicle Repair Criteria

Repair zone 1 at dealership Repair zone 2 on customer complaint basis only Repair to zone 1 and 2 only



### Fade: Blackout Panel Fade

#### **Incident Description**

Blackout panel fade occasionally occurs only on the panels of the vehicle painted flat black. (E.g. B-pillars, grilles, and trunk lid finishers). The flat black paint may begin to fade in an area and increases with time. Edges of the faded area blend in with the original blackout paint colour.

#### **Warranty Policy**

Blackout Panel Fade is covered under the paint warranty.

#### **Claim Coding**

CC: 7
Paint fault =
CS: ZB
CT: 13



#### Vehicle Repair Method

Colour coat repair

#### **Diagnosis Questions**

• Are there signs of previous repair?
An improper repair can lead to blackout panel fade.

#### Similar Incidents

#### **Fade**

Fade can appear anywhere on vehicle. Refer to "Fade".

#### **Recommended Explanation to Customer**

None

#### Vehicle Repair Criteria

### **Fade**

#### **Incident Description**

Fade or severe oxidation is an area of paint that is losing colour and has an appearance that is lighter in colour and/or chalky. There usually are not distinct edges on a fade incident; edges of the affected area blend in with surrounding paint. Sun and age affecting the chemical makeup of the paint can cause fade. Fade is most noticeable on darker colours.

#### **Warranty Policy**

Fade is covered under the paint warranty.

#### **Claim Coding**

CC: 7

Paint fault = 028 Fading

CS: ZB CT: 13



#### **Vehicle Repair Method**

Colour coat repair

#### **Diagnosis Questions**

• Are there signs of previous repair?

Inconsistent colour fade between panels most likely indicates a previous repair

#### **Similar Incidents**

#### **Blackout Panel Fade**

Blackout panel fade occurs on panel areas that are painted flat black. Refer to "Fade: Blackout Panel Fade".

#### Loss of Gloss

The paint surface lacks shine and has lost its lustre, but not the colour. Refer to "Loss of Gloss"".

#### **Colour Mismatch**

Colour mismatch is when adjacent panels have slightly different colouring. Refer to "Colour Mismatch".

#### **Recommended Explanation to Customer**

None

#### **Vehicle Repair Criteria**

### **Grin Through**

#### **Incident Description**

Insufficient base coat on sanded through area.

#### **Warranty Policy**

Grin Through is covered under the paint warranty.

#### **Claim Coding**

CC: 7

Paint fault = 013 Grin through

CS: ZB CT: 78

#### **Vehicle Repair Method**

Colour code repair (half block) zones 1 and 2 Colour code repair (spot repair) zones 3 and 4

#### **Diagnosis Questions**

None

#### **Similar Incidents**

None

#### **Recommended Explanation to Customer**

• Not a regular defect in car manufacturing.

#### **Vehicle Repair Criteria**

Repair to all zones at dealership (PDI)



### **Loss of Gloss**

#### **Incident Description**

Loss of gloss appears as an area of paint that is smooth and is evenly applied, but the paint surface lacks shine and appears dull or flat in comparison with other body panels. Any mirror reflection that still can be seen in the surface is diminished.

Note: In many cases, utilizing compounding and polishing procedures on the vehicle may restore the shine.

#### **Warranty Policy**

Loss of Gloss is covered under the paint warranty.

#### **Claim Coding**

CC: 7

Paint fault = 028 Fading

CS: ZB CT: 13

#### Vehicle Repair Method

Polish and buff repair

#### **Diagnosis Questions**

• Are there signs of a previous repair? An improper repair can lead to loss of gloss.

#### **Similar Incidents**

#### **Blackout Panel Fade**

Limited to areas painted flat black. Refer to "Fade: Blackout Panel Fade".

#### Fade

Paint loses its colour as well. Refer to "Fade".

#### **Colour Mismatch**

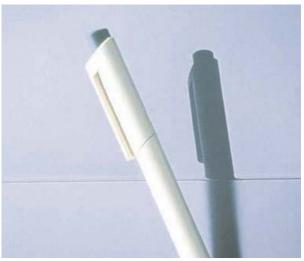
Adjacent body panels may have slightly different colouring. Refer to "Colour Mismatch".

#### **Recommended Explanation to Customer**

• None

#### Vehicle Repair Criteria





### Mottling (Shading)

#### **Incident Description**

Mottling appears as a cloudy or sometimes striped effect on an area of the vehicle's paint under certain lighting conditions. Some mottling is a result of variance in paint application of metallic paint (uneven metallic flake dispersion).

Note: Paint should be viewed in bright sunlight, or under halogen lamps or "colour corrected" fluorescent lighting to see the true paint colours. Since all metallic paint exhibits mottling to some degree, only severe cases should be considered for repaint.



#### Claim Coding

CC: 7

Paint fault = 025 Mottling

CS: ZB CT: 74

#### **Vehicle Repair Method**

Colour coat repair

#### **Diagnosis Questions**

Has the vehicle been repaired?

Mottling can be a result of an improper repair.

Are the markings visible from most angles?

Mottling will occur in metallic paint to varying degrees and only the most severe cases should be corrected.

Do markings appear in all lighting?

Some lighting conditions exaggerate the appearance of mottling.

#### **Similar Incidents**

None

#### **Recommended Explanation to Customer**

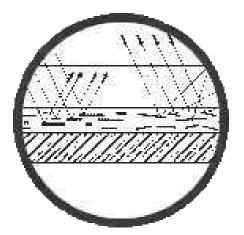
- Not a regular defect in car manufacturing.
- Defect will not affect the paint long term durability

#### **Vehicle Repair Criteria**

Repair zones 1 and 2 at dealership (PDI)

Repair to zones 1 and 2 only

Assess defect carefully before repair may not be original defect





### Orange Peel

#### **Incident Description**

Orange peel is designed into the paint process to help hide minor surface scratches or blemishes. The paint will have a pebbled or granular appearance/texture like the skin of an orange. All paint surfaces have some degree of orange peel. Only severe cases should be considered for a warranty claim.

#### Note:

- The degree of orange peel varies between horizontal and vertical surfaces; with horizontal surfaces (e.g. hood, roof, and truck) having a smoother surface than the vertical surfaces (e.g. doors, fenders).
- Areas of the vehicle painted with the factory Stone Guard Coating (SGC) should not be confused with an orange peel paint incident. SGC is a thick, flexible paint coating applied to the lower portions of the side doors and rocker panels of many vehicles. This paint coating provides additional protection against stone chips and road debris.



If the orange peel is the result of a previous repair then the incident is not covered. Otherwise, **severe** cases of orange peel are covered under the paint warranty.

#### **Claim Coding**

CC: 7

Paint fault = 001 Orange peel

CS: ZB CT: 75

#### **Vehicle Repair Method**

Colour coat repair

#### **Diagnosis Questions**

Has the vehicle been repaired?

How does the orange peel on adjacent panels compare?

Note: Compare the vehicle incident to other vehicles of the same model and color.

#### Similar Incidents

None

#### **Recommended Explanation to Customer**

None

#### **Vehicle Repair Criteria**



### **Overspray**

#### **Incident Description**

See picture.

#### **Warranty Policy**

Overspray is covered under the paint warranty.

#### **Claim Coding**

CC: 7

Paint fault =

CS: ZB CT: 72

#### **Vehicle Repair Method**

Colour coat repair

#### **Diagnosis Questions**

None

#### **Similar Incidents**

None

#### **Recommended Explanation to Customer**

• None

#### **Vehicle Repair Criteria**



### **Peeling: Bumper Peeling**

#### **Incident Description**

The bumper paint will peel/flake off as it loses adhesion with the bumper primer or substrate. Bumper peeling is usually caused by improper preparation of the bumper prior to repainting. The peeling can be either localized (small single area) or in rare cases catastrophic (simultaneous peeling from different bumper areas). The tape test should easily remove the paint.

Notes: Catastrophic peeling can occur if bumper mould release agent/oils are not properly removed prior to bumper painting. Typically bumper peeling is caused by an improper preparation of the bumper prior to painting and will exhibit the following signs:

- Peeling layer has the same colour of the underlying paint colour.
- Sanding marks are visible on the bumper material underneath the peeling layers.

#### **Warranty Policy**

Bumper peeling is covered by the paint warranty, unless it is the result of a previous repair or external damage.

#### **Claim Coding**

CC: 7

Paint fault = 014 Paint peeling

CS: ZB CT: 77

#### **Vehicle Repair Method**

Colour coat repair

#### **Diagnosis Questions**

. What is the extent of the peeling?

Catastrophic peeling is more likely to be associated with an improper prior repair.

• Has the vehicle been repaired or in an accident?

Improper prior repairs are a common cause of bumper peeling.

#### **Similar Incidents**

#### **Bumper Scrapes**

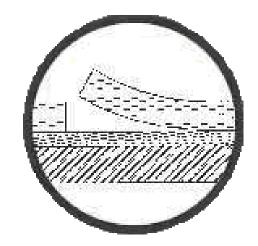
The bumper exhibits linear scrapes and marks where the paint is removed. Refer to "Peeling: Bumper Scrapes".

#### Recommended Explanation to Customer

• Not a regular defect in car manufacturing

#### Vehicle Repair Criteria

Repair to all zones





### **Peeling: Bumper Scrapes**

#### **Incident Description**

The bumper paint exhibits linear marks or scrapes where some paint is removed. The paint colour from the impacted object may also be present.

#### **Warranty Policy**

Bumper Scrapes are covered under the paint warranty.

#### **Claim Coding**

Not applicable

#### **Vehicle Repair Method**

N/A

#### **Diagnosis Questions**

• Are there any signs of collision damage?

Check alignment of the panels near the bumper.

What colour is the mark?

Colour that is not vehicle colour, primer colour or bumper colour may be present.

#### **Similar Incidents**

#### **Bumper Peeling**

Paint is removed with the tape test. Refer to "Peeling: Bumper Peeling".

#### **Recommended Explanation to Customer**

None

#### Vehicle Repair Criteria



### **Peeling: Clearcoat Peeling**

#### **Incident Description**

Clearcoat peeling is the peeling of the clear-paint layer from the colourcoat underneath.

Performing the tape test removes no colour, but the clear-coat is removed.

#### **Warranty Policy**

Clearcoat Peeling is not covered under the paint warranty if it is a result of an after market repair.

#### **Claim Coding**

CC: 7

Paint fault = 014 Paint peeling

CS: ZB CT: 77

#### **Vehicle Repair Method**

Colourcoat

#### **Diagnosis Questions**

• Has the vehicle been repainted?

Improper repairs are a common cause of clearcoat peeling. Look for peeling near door handles, key cylinders, door edges, antennas and other stress concentration points.

#### **Similar Incidents**

#### **Colourcoat Peeling**

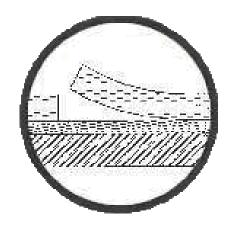
The colourcoat is also peeling. Refer to "Peeling: Clearcoat Peeling".

### Recommended Explanation to Customer

Not a regular defect in car manufacturing

#### **Vehicle Repair Criteria**

Repair to all zones





### Peeling: Colorcoat Peeling

#### **Incident Description**

Colourcoat peeling involves the colourcoat layers of the paint peeling from the vehicle's sheet metal body panels. The peeling can occur anywhere on the vehicle. Paint will likely peel off in small pieces.

Note: Colourcoat peeling is commonly the result of a panel surface not being properly prepared during previous repainting.

#### **Warranty Policy**

Colourcoat peeling is covered under the paint warranty, unless it is the result of a previous repair.

#### **Claim Coding**

CC: 7

Paint fault = 014 Paint peeling

CS: ZB CT: 77



Colour coat repair

#### **Diagnosis Questions**

• Has the vehicle been repainted?

Peelings due to an improper repair will usually start at edges of door handles, antennas, lock cylinders and mouldings.

Does paint peel with the tape test?

Loss of adhesion between a layer of paint and its underlying surface can be determined using a tape test. This would be most common on a previously repaired surface.

#### **Similar Incidents**

#### **Bumper Peeling**

Peeling is limited to bumpers only. Refer to "Peeling: Bumper Peeling".

#### Clearcoat Peeling

Peeling is limited to only the clearcoat. Refer to "Peeling: Clearcoat Peeling".

#### **Bumper Scrapes**

The bumper exhibits linear marks and scrapes where paint is removed. Refer to "Peeling: Bumper Scrapes".

#### **Recommended Explanation to Customer**

None

#### Vehicle Repair Criteria



### Peeling: Grille Peeling

#### **Incident Description**

Grille peeling involves flakes of paint peeling from the grille surface. Peeling is limited only to the grille. Using the tape test can help identify poor adhesion.

#### **Warranty Policy**

If the grille peeling is the result of a previous non-warranty repair, or environmental damage, then the incident is not covered. Otherwise, grille peeling is covered under the paint warranty.

#### **Claim Coding**

CC: 7

Paint fault = 014 Paint peeling

CS: ZB CT: 77



#### Vehicle Repair Method

Colour coat repair

#### **Diagnosis Questions**

- Has the vehicle been repaired or in an accident?
- Improper paint repairs can cause peeling.
  - Is there peeling present on other panels as well?

Previous poor collision or paint repairs may also result in peeling on other areas like the hood and bumper

#### **Similar Incidents**

#### **Colourcoat Peeling**

Peeling can occur anywhere on the vehicle. Refer to "Peeling: Colourcoat Peeling

#### **Bumper Peeling**

Peeling occurs only on the bumper. Refer to "Peeling: Bumper Peeling Stone Chips look for evidence of chips on the hood and bumper. Refer to "Chipping: Stone Chips

#### **Recommended Explanation to Customer**

None

#### Vehicle Repair Criteria

### Paint Guards: Paint Guard Film (PGF) Stains

#### **Incident Description**

PGF stains can occur if moisture gets trapped under the PGF (Paint Guard Film). The moisture gets absorbed like a sponge into the paint, and may cause a temporary discoloration or a stain. Stains may occur anywhere under the PGF. They will be noticeable immediately after the PGF is removed. The stain appears milky or whitish on dark coloured vehicles and coffee-coloured on light coloured vehicles. It can vary in size from a dime to a clenched fist, have an irregular shape and possibly a slightly raised surface.

#### Important notes:

Stains in most cases are corrected by the following procedures (These procedures are only effective if performed within a few days/weeks after the PGF is removed):

- Do not buff the paint.
- Place vehicle in sun light for a few hours.
- For more severe cases, apply a heat gun for about 5 minutes.
- PGF film and PGF stains removal is part of the PDI procedures for new vehicles.
- In rare cases, the affected area may have to be repainted.

#### **Warranty Policy**

Paint Guards are not covered under the paint warranty.

#### **Claim Coding**

Not Applicable

Repair method

#### **Diagnosis Questions**

Is the vehicle new?

This incident can occur on new vehicles where the PGF was applied and is visible immediately after the PGF is removed.

Have the recommended service procedures been performed?

Refer to the procedures above and also the appropriate Technical Service Bulletin for service procedures.

#### Similar Incidents

#### **Chemical Contamination**

Usually found only on older vehicles. Refer to "Environmental: Chemical Contamination".

#### **Recommended Explanation to Customer**

None

#### **Vehicle Repair Method**

None

#### Vehicle Repair Criteria

### Paint Guards: Paint Guard Coat (PGC) Remains

#### **Incident Description**

Wax residue remains on the paint surface.

#### **Warranty Policy**

Paint Guards are not covered under the paint warranty.

#### **Claim Coding**

Not Applicable

#### **Vehicle Repair Method**

None

#### **Diagnosis Questions**

• None

#### **Similar Incidents**

None

### Recommended Explanation to Customer

None

#### **Vehicle Repair Criteria**





### **Poor Spot Repair**

#### **Incident Description**

See picture. -

#### **Warranty Policy**

Poor Spot Repair is covered under the paint warranty only at PDI.

#### **Claim Coding**

CC: 7

Paint fault = 016 Poor spot repair

CS: ZB CT: 78

#### **Vehicle Repair Method**

Colour coat repair

#### **Diagnosis Questions**

• None

#### **Similar Incidents**

None

#### **Recommended Explanation to Customer**



### **Runs & Drips**

#### **Incident Description**

Paint runs or sags can occur when an excessive amount of paint is applied in a small area. It is a well-defined local thickening of the paint film in the form of a wavy line or shallow, rounded ridges, normally con-fined to sharply sloping or vertical surfaces.

#### **Warranty Policy**

Paint runs or sags are covered by the paint warranty, unless they are the result of a previous repair.

#### **Claim Coding**

CC: 7

Paint fault = 024 Paint drip

CS: ZB CT: 72

#### Vehicle Repair Method

Colour coat repair (spot repair)

#### **Diagnosis Questions**

Was the vehicle repainted or in an accident?

Paint runs or sags may be an indication of an improper paint application.

#### **Similar Incidents**

None

#### **Recommended Explanation to Customer**

• Unless unsightly recommend the customer accepts the vehicle as it is.

#### Vehicle Repair Criteria





### Scratches: Sanding Scratches / Marks

#### **Incident Description**

Sanding scratches are surface scratches under the paint film. Abrasive paper used to sand the metal surface or primer was too coarse, leading to scratches and score marks which show through the topcoat. The sanding scratches may appear as straight lines (the result of hand sanding), or circular lines (the result of orbital or machine sanding).

#### **Warranty Policy**

Sanding scratches are covered by the paint warranty unless they are the result of a previous repair.

#### **Claim Coding**

CC: 7

Paint fault = 015 Sanding Scars

CS: ZB CT: 78

#### **Vehicle Repair Method**

Polish and buff repair Colour coat repair (spot repair)

#### **Diagnosis Questions**

• Was the vehicle repainted or in an accident?

Sanding scratches are usually caused by an improper finish-sanding procedure prior to repainting.

#### **Similar Incidents**

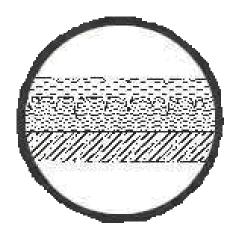
None

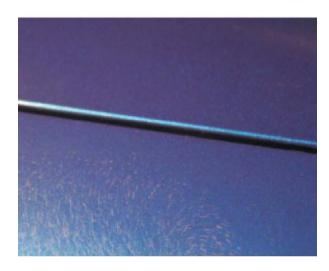
### Recommended Explanation To Customer

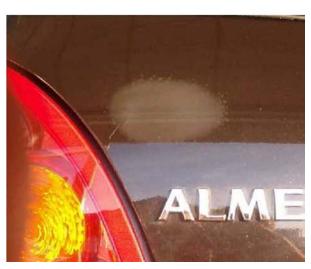
- Not a regular defect in car manufacturing
- Defect will not affect the paint long term durability
- Problem is easily rectified and is not a major repair

#### **Vehicle Repair Criteria**

Repair zone 1 at dealership (PDI) Repair zone 2 on customer complaint basis only Repair to zones 1 and 2 only







### **Scratches: Surface Scratches**

#### **Incident Description**

Surface scratches are multiple tiny grooves in the paint surface usually all going in the same direction. Paint appears rough, or dull, which is caused by something rubbing on the paint. Dirt on the paint surface acts as an abrasive agent increasing the likelihood of scratches.

#### **Warranty Policy**

Surface Scratches are not covered under the paint warranty.

#### **Claim Coding**

Not Applicable

#### **Vehicle Repair Method**

N/A

#### **Diagnosis Questions**

#### • Is the vehicle dirty?

Dirt increases the chance of surface scratches occurring.

#### Was a bumper bra used?

Look for scuffing in an area about one foot from the edge of the hood. Paint discoloration on the front part of the hood and bumper may also be noticeable. A poor fitting bumper bra left on for an extended period of time can cause scratches.

#### **Similar Incidents**

#### Fade

No scratch lines are visible, just a decrease in colour. Refer to "Fade".

#### **Recommended Explanation to Customer**

None

#### Vehicle Repair Criteria





### **Stand Up**

#### **Incident Description**

Metal particles are protruding into the clear-coat (dry basecoat application). This causes a dull appearance.

# **Warranty Policy Stand Up is covered under the paint warranty.**

#### **Claim Coding**

CC: 7

Paint fault = 009 Stand up

CS: ZB CT: 75

#### **Vehicle Repair Method**

Polish and buff repair

#### **Diagnosis Questions**

None

#### **Similar Incidents**

None

#### **Recommended Explanation to Customer**

- Not a regular defect in car manufacturing
- Defect will not affect the paint long term durability
- Problem is easily rectified and is not a major repair
- If defect is small, recommend customer acceptance as it is

#### **Vehicle Repair Criteria**

Repair zone 1 at dealership (PDI) Repair zone 2 on customer complaint basis only Repair to zones 1 and 2 only



### **Thin Paint**

#### **Incident Description**

Thin paint is evidenced by the underlying metal or primer paint surfaces showing visibly through the paint film. It occurs most frequently in hard to spray areas, on lower panels, or on sharp edges or contours.

#### **Warranty Policy**

Thin paint is covered by the paint warranty, unless it is the result of excessive buffing, or a previous repair

#### **Claim Coding**

CC: 7

Paint fault = 007 Thin paint

CS: ZB CT: 73

#### **Vehicle Repair Method**

Colour coat repair (spot repair)

#### **Diagnosis Questions**

• Has the vehicle been repaired?

Thin paint can be a result of an improper repair.

Is there evidence of excessive buffing?

Check for circular or swirl marks as a result of excessive buffing. Excessive buffing can remove paint over time, which will slightly reduce the paint thickness.





#### **Similar Incidents**

#### **Fade**

Paint thickness is normal, however there is a loss of colour. Refer to "Fade".

#### **Recommended Explanation to Customer**

- Not a regular defect in car manufacturing
- Depending on the severity and location of the defect, advise customer to accept as it is as this will not affect the paint long term durability
  - · Problem is easily rectified and is not a major repair

#### Vehicle Repair Criteria

Repair zones 1 and 2 at dealership (PDI)
Repair all other zones on customer complaint basis only

### **Touch Marks**

#### **Incident Description**

Wet paint film touched.

#### **Warranty Policy**

Touch Marks are covered under the paint warranty.

#### **Claim Coding**

CC: 7

Paint fault = 012 Touch mark

CS: ZB CT: 11

#### **Vehicle Repair Method**

Colour coat repair

#### **Diagnosis Questions**

None

#### **Similar Incidents**

None

#### Recommended Explanation to Customer

• Not a regular defect in car manufacturing

#### Vehicle Repair Criteria

Repair zone 1 and 2 at dealership (PDI)
Repair all other zones on customer complaint basis only

