



Technical Bulletin

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Passat Sedan	2001-2010	All	All	All	All
Passat Wagon	2001-2010	All	All	All	All
Passat CC	2009-2012	All	All	All	All

Condition

50 16 03 February 8, 2016 2038981 Supersedes V501401 dated December 10, 2014 to update model applicability.

Front Fender - Corrosion on Wheel Arch

Customer states:

Corrosion on the wheel arch area of the front fender (Figure 1).



Figure 1 (corrosion on left wheel arch)

Note:

To determine if this procedure is covered under Warranty, always refer to the *Warranty Policies and Procedures Manual*.

Documentation required per *Warranty Policies and Procedures Manual*.

For vehicles outside of the Limited Warranty Against Corrosion Perforation this Technical Bulletin is for information only.



Technical Bulletin

Technical Background

The wheel liner touches the arch area of the fender and rubs off the paint in the contact area.

The corrosion is caused by dirt accumulations and movements of the wheel liner.

Production Solution

No production change required.

Service

1. Repair the fender: If the edge area is only slightly corroded (no through-corrosion/perforation), proceed as follows:

- Remove the front bumper according to the repair manual. See Repair Manual Group 63 in Elsa.
- Remove the side indicator (in fender, if equipped) according to the repair manual. See Repair Manual Group 94 in Elsa.
- Remove the front wheel liner according to the repair manual. See Repair Manual Group 66 in Elsa.
- Remove the corrosion with the pneumatic brush grinder VAS 6446.
- Apply a VOC compliant epoxy primer as an anti-corrosion treatment and primer (locally sourced).
- On the inner fender apply (in the complete contact/edge area) adhesive/sealer (part number: D 511 500 A2) as further edge protection (Figure 2, green line).



Figure 2

- Restore the paint structure according to the paint repair manual.
- Install the wheel liner according to the repair manual. See Repair Manual Group 66 in Elsa.



Technical Bulletin

 **Note:**

When installing the wheel liner, make sure it doesn't touch the edge of the fender. As necessary, align the liner.

- Install the side indicator (in fender, if equipped) according to the repair manual. See Repair Manual Group 94 in Elsa.
- Install the front bumper cover according to the repair manual. See Repair Manual Group 63 in Elsa.

2. Replace the fender

- Replace the fender according to the repair manual. See Repair Manual Group 50 in Elsa.
- Apply polyurethane adhesive (part number: AKD 476 KD5 05) on the inner fender (in the complete contact and edge area) as further edge protection (Figure 2, green line).

 **Note:**

When installing the wheel liner make sure it doesn't touch the edge of the wing. As necessary, align the liner.

If through-corrosion (perforation) is not present, fender replacement will only be accepted if it qualifies per the Reimbursement Policy section of the *Warranty Policies and Procedure Manual*. This section provides important guidelines when considering component repair vs. replacement options (the "80% rule").



Technical Bulletin

Warranty

Note:

- Dealers may complete the repair as described without prior authorization (through a WISE Warranty Repair Acceptance request).
- Documentation required: Clear pictures, completed estimate and body shop invoice must be saved and kept on file at the Dealership for audit purposes.
- This bulletin applies for 1 front fender repair or replacement. If both sides exhibit the corrosion they should be evaluated individually and claimed on separate lines. Total Body Painting Prep Time for both front fenders should be claimed on the first line only.
- Labor time units (TU), Material units (MU), and Material unit rate are correct at the time of publication. The time units and/or material units may differ if the repair catalogue is updated. The information in the repair catalogue applies, except for the open time items (labor operations ending in 99) which are calculated at actual time multiplied by the body shop labor rate. The material allowance (Paint material price per unit) is subject to change. Refer to **WISE > Resource Center > Forms > Paint/Corrosion for the most current forms.**
- This section is applicable for vehicles within the terms of Volkswagen's Limited Warranty Against Corrosion Perforation. For vehicles outside the terms of the Limited Warranty Against Corrosion Perforation this section is for information only.
- This bulletin may be provided to outside shops to ensure the proper repair is completed.

Note:

Claim Processing Options

Option 1: Utilize the attached form examples and pre-populated forms on WISE to assist with calculating the reimbursement amounts. **This will expedite the claim review process and reduce the time to pay the claim.**

Note that miscalculations are subject to claim adjustment.

For the complete set of pre-populated Paint/Corrosion Claim Form templates associated with this Technical Bulletin, refer to WISE > Resource Center > Forms > Paint/Corrosion.

Option 2: Email repair estimates to paintcamp@vw.com. The Paint and Corrosion Team will calculate the warranty allowance and complete the required form(s) on behalf of the dealer.



Technical Bulletin

To determine if this procedure is covered under Warranty, always refer to the <i>Warranty Policies and Procedures Manual</i> ¹⁾					
Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Passat Sedan	2001-2010	All	All	All	All
Passat Wagon	2001-2010	All	All	All	All
Passat CC	2009-2012	All	All	All	All
SAGA Coding					
Claim Type:		160 ¹⁾			
Service Number:	Damage Code	HST		Damage Location (Depends on Service No.)	
5055	0003	--		040 or 041	
Parts Manufacturer	Passat Sedan and Passat Wagon (3B*)		040 or 041²⁾		
	Passat Sedan and Passat Wagon (3C*)		040 or 041²⁾		
	Passat CC (357,358)		040 or 041²⁾		
Repair					
Please use the following part number in "Outside Materials" ⁴⁾					
LACKMATF: Paint and Materials			MU @ \$12 per unit		
Epoxy Primer (Locally Sourced)			Claim Dollar Amount (MAX: \$40)		
Please use the following Labor Operation in "Outside Labor" ⁴⁾					
Select the appropriate Labor Operation below: - L0010000: External Painting-straight color - L0020000: External Painting-metallic/2-layer - L0030000: External Painting-pearl color			Claim Dollar Amount		



Technical Bulletin

Use this for all body repair in this bulletin: - A0041000: Body Shop repair no paint	Claim Dollar Amount	
Replace		
Please use the following part number in "Outside Materials" ⁴⁾		
LACKMATF: Paint and Materials	MU @ \$12 per unit	
Please use the following Labor Operation in "Outside Labor" ⁴⁾		
Select the appropriate Labor Operation below: - L0010000: External Painting-straight color - L0020000: External Painting-metallic/2-layer - L0030000: External Painting-pearl color	Claim Dollar Amount	
Use this for all body repair in this bulletin: - A0041000: Body Shop repair no paint	Claim Dollar Amount	
Causal Part:	L00#0000	
Diagnostic Time ⁴⁾		
GFF Time expenditure	01500000 = 00 TU max.	NO
Road Test	01210002 = 00 TU 01210004 = 00 TU	NO
Technical Diagnosis	01320000 = 00 TU	NO
Claim Comment: Input "As per Technical Bulletin 2038981" in comment section of Warranty Claim.		
<p>¹⁾ For Vehicles outside the Limited Warranty Against Corrosion Perforation this bulletin is information only</p> <p>²⁾ Corrosion claim vendor code will be the damage location.</p> <p>³⁾ Labor Time Units (TUs) are subject to change with ELSA updates.</p> <p>⁴⁾ Documentation required per <i>Warranty Policies and Procedures Manual</i>.</p> <p>⁵⁾ See attachment "srt_reference_table.pdf" for labor time reference.</p>		



Technical Bulletin

Required Parts and Tools

Part Number	Designation	Quantity
<u>Repair</u>		
D 511 500 A2	adhesive/sealer	0.5
<u>Replace</u>		
AKD 476 KD5 05	polyurethane adhesive	0.5
<i>One of the following</i>		
3B0 821 105 E	Fender (Left) – B5 Passat and Wagon	-
3B0 821 106 E	Fender (Right) – B5 Passat and Wagon	-
3C0 821 021	Fender (Left) – B6 Passat and Wagon	-
3C0 821 022	Fender (Right) – B6 Passat and Wagon	-
3C8 821 021	Fender (Left) – Passat CC	-
3C8 821 022	Fender (Right) – Passat CC	-

For Special Tools see Repair Manual.

Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.

Paint/Corrosion Claim Form



Dealer No. **400000**
 Repair Order No. **910000**

Example - Replace B6 Passat Sedan
 If repeat repair, provide explanation in box below:

VIN (17-Digits)	WVWJK93CX8P089569		
Color No. (4-digit ElsaPro Paint No.)	LB9A		
Dealer Labor Rate	100.00		
Paint material price per unit	12.00		
Dealer-owned paint shop?	<input checked="" type="radio"/>	Yes	<input checked="" type="radio"/> No
Original paint material?	<input checked="" type="radio"/>	Yes	<input checked="" type="radio"/> No

Service No.	Damage Code	Dmg Loc	Part manufacturer (Vendor Code)	Description of Repair	Paint Labor Operation(s)	Time Units	Mat'l Units
5055	0003	040	040	Paint one Front Fender	50556150	70	5
				Verify ALL Labor Operation Time Units and Material Units			
				If both fenders are affected, the prep time should be entered on the first line of the SAGA claim and only once on the first Paint/Corrosion Claim Form			

Note: Authorization and claim reimbursement are contingent on the usage of original parts for the repair	Body Painting Prep Time	51017153	160
The vehicle history must be checked for any previous damage. Digital photographs must be included with the repair order per VWoA instructions. If there is a sublet invoice for painting, the invoice amount must be split between outside (sublet) labor and outside (sublet) material.		Paint Subtotal	230 5

Part Number	Part Description	Part Qty	Part Price per Unit	Total Part Price	Description of Repair	Repair/Replace Labor Operation(s)	Time Units
					Remove and install front bumper cover	63291900	90
					Remove and install front fender	50551950	70
					Seal off Fender (PU adhesive)	50555199	30
					Wax Body	51017500	30

Full pre-populated forms can be found in the following location:
WISE > Resource Center > Forms > Paint/Corrosion > TB# - Form specific to the vehicle and the repair.

Outside Material	Part Amount Subtotal	\$	-	Body Labor Subtotal	220
LACKMATF	Total Paint Material Amount	\$	60.00	Total TU/MU	450 5
	Total Parts Amount	\$	60.00		

VW Representative Authorization No. **TB 2038981**

Authorization Date _____
 Authorization valid until: _____

L00X0000	\$	230.00
A0041000	\$	220.00
Parts and Materials:	\$	60.00
Total:	\$	510.00

Warranty
 VW Representative Name (printed) _____

VW Representative Signature _____

Paint/Corrosion Claim Form



Das Auto.

Dealer No.
Repair Order No.

400000
910000

Example - Repair
If repeat repair, provide explanation in box below:
B5 Passat Wagon

VIN (17-Digits)	WVWND63BX3E460509		
Color No. (4-digit ElsaPro Paint No.)	LC9X		
Dealer Labor Rate	100.00		
Paint material price per unit	12.00		
Dealer-owned paint shop?	<input checked="" type="radio"/>	Yes	<input checked="" type="radio"/> No
Original paint material?	<input checked="" type="radio"/>	Yes	<input checked="" type="radio"/> No

Service No.	Damage Code	Dmg Loc	Part manufacturer (Vendor Code)	Description of Repair	Paint Labor Operation(s)	Time Units	Mat'l Units
5055	0003	040	040	Paint one Front Fender	50557903	90	4
				Verify ALL Labor Operation Time Units and Material Units			
				If both fenders are affected, the prep time should be entered on the first line of the SAGA claim and only once on the first Paint/Corrosion Claim Form			

Note: Authorization and claim reimbursement are contingent on the usage of original parts for the repair

Body Painting Prep Time	51017133	190	
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The vehicle history must be checked for any previous damage. Digital photographs must be included with the repair order per VWoA instructions. If there is a sublet invoice for painting, the invoice amount must be split between outside (sublet) labor and outside (sublet) material.

Paint Subtotal	280	5	
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Part Number	Part Description	Part Qty	Part Price per Unit	Total Part Price	Description of Repair	Repair/Replace Labor Operation(s)	Time Units
	Epoxy Primer	1	\$ 40.00		Remove and install front bumper cover	63291900	90
					Remove and install signal on fender	94521999	10
					Remove rust from fender and seal off	50554199	30
					Seal off Fender (PU adhesive)	50555199	30
					Wax Body	51017500	30
				40.00	Body Labor Subtotal		190
				60.00	Total TU/MU		470
				100.00			5

Example Part Qty and Part Price per Unit only
All other parts should be claimed separately in the SAGA claim

Full pre-populated forms can be found in the following location:
WISE > Resource Center > Forms > Paint/Corrosion > TB# - Form specific to the vehicle and the repair.

VW Representative
Authorization No.

TB 2038981

Authorization Date _____

Authorization valid until: _____

L00X0000	\$ 280.00
A0041000	\$ 190.00
Parts and Materials	\$ 100.00
Total	\$ 570.00

Warranty
VW Representative Name (printed) _____

VW Representative Signature _____

SRT Reference Table for TPI# 2038981

Repair Fender (B5 Passat and Passat Wagon)		
<u>Body Labor</u>		
Labor Operation : Remove and install front bumper cover	63 29 19 00 = 90 TU	Multiply claim time units x warranty labor rate. Enter in SAGA under Outside Labor Operation: A0041000
Labor Operation : Remove and install signal on fender	94 53 19 99 = 10 TU	
Labor Operation : Remove rust from one door fold and seal off	50 55 41 99 = 30 TU	
Labor Operation : Seal off Fender (PU adhesive)	50 55 51 99 = 30 TU	
Labor Operation : Wax body	51 01 75 00 = 30 TU	
<u>Refinish Labor</u>		
Labor Operation: Prepare painting	51 01 71 33 = 190 TU	Multiply claim time units x warranty labor rate. Enter in SAGA under Outside Labor Operation: L00 #0000* *Please see warranty table for proper labor operation
Labor Operation: Paint one front fender	50 55 79 03 = 90 TU	
<u>Outside Materials</u>		
Labor Operation: Paint one front fender	4 MU	Multiply claim material units x \$12.00. Enter in SAGA under Outside Materials: LACKMATF

Replace Fender (B5 Passat and Passat Wagon)

Body Labor

Labor Operation : Remove and install front bumper cover	63 29 19 00= 90 TU	Multiply claim time units x warranty labor rate. Enter in SAGA under Outside Labor Operation: A0041000
Labor Operation : Remove and install signal on fender	94 53 19 99 = 10 TU	
Labor Operation : Remove and install front fender	50 55 19 50 = 90 TU	
Labor Operation : Seal off Fender (PU adhesive)	50 55 51 99 = 30 TU	
Labor Operation : Wax body	51 01 75 00 = 30 TU	

Refinish Labor

Labor Operation: Prepare painting	51 01 71 53 = 160 TU	Multiply claim time units x warranty labor rate. Enter in SAGA under Outside Labor Operation: L00 #0000* *Please see warranty table for proper labor operation
Labor Operation: Paint one front fender	50 55 61 50 = 70 TU	

Outside Materials

Labor Operation: Paint one front fender	5 MU	Multiply claim material units x \$12.00. Enter in SAGA under Outside Materials: LACKMATF
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Repair Fender (B6 Passat and Passat Wagon)

Body Labor

Labor Operation : Remove and install front bumper cover	63 29 19 00= 90 TU	Multiply claim time units x warranty labor rate. Enter in SAGA under Outside Labor Operation: A0041000
Labor Operation : Remove rust from one door fold and seal off	50 55 41 99 = 30 TU	
Labor Operation : Seal off Fender (PU adhesive)	50 55 51 99 = 30 TU	
Labor Operation : Wax body	51 01 75 00 = 30 TU	

Refinish Labor

Labor Operation: Prepare painting	51 01 71 33 = 190 TU	Multiply claim time units x warranty labor rate. Enter in SAGA under Outside Labor Operation: L00 #0000* *Please see warranty table for proper labor operation
Labor Operation: Paint one front fender	50 55 79 03 = 70 TU	

Outside Materials

Labor Operation: Paint one front fender	4 MU	Multiply claim material units x \$12.00. Enter in SAGA under Outside Materials: LACKMATF
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Replace Fender (B6 Passat and Passat Wagon)

Body Labor

Labor Operation : Remove and install front bumper cover	63 29 19 00 = 90 TU	Multiply claim time units x warranty labor rate. Enter in SAGA under Outside Labor Operation: A0041000
Labor Operation : Remove and install front fender	50 55 19 50 = 70 TU	
Labor Operation : Seal off Fender (PU adhesive)	50 55 51 99 = 30 TU	
Labor Operation : Wax body	51 01 75 00 = 30 TU	

Refinish Labor

Labor Operation: Prepare painting	51 01 71 53 = 160 TU	Multiply claim time units x warranty labor rate. Enter in SAGA under Outside Labor Operation: L00 #0000* *Please see warranty table for proper labor operation
Labor Operation: Paint one front fender	50 55 61 50 = 70 TU	

Outside Materials

Labor Operation: Paint one front fender	5 MU	Multiply claim material units x \$12.00. Enter in SAGA under Outside Materials: LACKMATF
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Repair Fender (Passat CC)

Body Labor

Labor Operation: Remove and install front bumper cover. R&I Grille	63 29 19 50 = 50 TU 66 05 19 00 = 20 TU	Multiply claim time units x warranty labor rate. Enter in SAGA under Outside Labor Operation: A0041000
Labor Operation : Remove rust from one door fold and seal off	50 55 41 99 = 30 TU	
Labor Operation : Seal off Fender (PU adhesive)	50 55 51 99 = 30 TU	
Labor Operation : Wax body	51 01 75 00 = 30 TU	

Refinish Labor

Labor Operation: Prepare painting	51 01 71 33 = 190 TU	Multiply claim time units x warranty labor rate. Enter in SAGA under Outside Labor Operation: L00 #0000* *Please see warranty table for proper labor operation
Labor Operation: Paint one front fender	50 55 79 03 = 70 TU	

Outside Materials

Labor Operation: Paint one front fender	4 MU	Multiply claim material units x \$12.00. Enter in SAGA under Outside Materials: LACKMATF
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Replace Fender (Passat CC)

Body Labor

Labor Operation: Remove and install front bumper cover. R&I Grille	63 29 19 50 = 50 TU 66 05 19 00 = 20 TU	Multiply claim time units x warranty labor rate. Enter in SAGA under Outside Labor Operation: A0041000
Labor Operation : Remove and install front fender	50 55 19 50 = 70 TU	
Labor Operation : Remove and install radiator grille	66 05 19 00 = 20 TU	
Labor Operation : Seal off Fender (PU adhesive)	50 55 51 99 = 30 TU	
Labor Operation : Wax body	51 01 75 00 = 30 TU	

Refinish Labor

Labor Operation: Prepare painting	51 01 71 53 = 160 TU	Multiply claim time units x warranty labor rate. Enter in SAGA under Outside Labor Operation: L00 #0000* *Please see warranty table for proper labor operation
Labor Operation: Paint one front fender	50 55 61 50 = 50 TU	

Outside Materials

Labor Operation: Paint one front fender	4 MU	Multiply claim material units x \$12.00. Enter in SAGA under Outside Materials: LACKMATF
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