



Practicing Management Consultant (PMC) of SBACC
Approved Training Organisation (ATO) of Workforce Singapore

No.25 Kaki Bukit Road 4
#06-46 Synergy @KB
Singapore 417800
Hotline: 6385 1171

Our reference: 22-2028
Date: 22/1/2022

INVOICE NO. 2028

Qian Miqiong
c/o ECO Automobile Claims & Repair Pte Ltd
13 Kaki Bukit Rd 4
#03-29 Bartley Biz Centre
Singapore 417807

Registration No. **SJB686S**

We enclose our fee note for your kind attention, which remains payable irrespective of the outcome of this case.

S/No.	Description of Services Provided	Qty	Amount
1	Being vehicle damage assessment report, inspection, photographs, transport and miscellaneous.	1	\$ 749.00
Total amount			<u>\$ 749.00</u>

Please kindly cross all cheques made payable to "Impact Analysis Consultant".

We thank you in anticipation for your prompt payment.

L. L. Tan (Ms)
Principal Consultant

Subsidiaries of Impact Analysis Consultant:

• Impact Analysis Consulting Pte Ltd • Impact Analysis Academy Pte Ltd • IA Racking Solutions Pte Ltd
• IA Accounting & Consultancy Pte Ltd • Infoknights International Services (Philippines) • IABN Pte Ltd
www.iaconsultingsg.com

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c/o ECO Automobile Claims & Repair Pte Ltd
13 Kaki Bukit Rd 4
#03-29 Bartley Biz Centre
Singapore 417807

Dear Sirs

RE: Road Traffic Accident on 05/01/2022
Qian Miqiong

In accordance with your instructions received in this office on 10/1/2022, we made arrangements to examine the vehicle on 10/1/2022 at above-mentioned address. The following data was recorded:

Vehicle details

Make	Volkswagen	Registration	SJB686S
Model	Touareg	Chassis	WVGZZZ7PZBD027263
Colour	White	Gearbox	Auto
Odometer	180568km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

Tyre Depths

Front left	255/55R18	85% Continental
Front right	255/55R18	85% Continental
Rear left	255/55R18	85% Continental
Rear right	255/55R18	85% Continental

Impact Direction & Area of Damage:



Status	REPAIRABLE
Magnitude	Medium
Legal status	Unroadworthy

Following our examination of the accident damage, we have calculated repair times and method, which are detailed on page 2 & 3. We would recommend a sum of \$8,900.00 and 7 working days for repair, which is sufficiently lower than the pre accident value to render the vehicle an economically and physically reliable proposition.

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Section A: Damaged Parts Assessment

Part's Description	Qty	Condition As Inspected	Repairer's Estimate	Our Adjustment
List Items:				
Tailgate	1	crushed	2085.70	2085.70
Tailgate lock	1	damaged	241.00	241.00
Tailgate emblem Touareg	1	necessary	75.80	75.80
Tailgate emblem V6	1	necessary	41.00	41.00
Tailgate windscreen seal	1	necessary	175.90	175.90
Tailgate reflector lh	1	broken	301.00	301.00
Tailgate auto damper lh	1	reset	221.60	0.00
Tailgate inner board	1	reuse	611.00	0.00
Tail gate weatherstrip	1	ripped.nec	275.90	275.90
Rear bumper	1	deformed	1121.00	1121.00
Rear bumper lower lid	1	damaged.cut	758.90	758.90
Rear bumper reflector lh	1	broken	144.00	144.00
Rear bumper side retainer lh	1	broken	65.20	65.20
Rear bumper top chrome garnish	1	deformed	236.12	236.12
Rear bumper reinforcement	1	repair	624.50	0.00
Tail lamp lh	1	broken	632.00	632.00
Tail lamp bracket lh	1	cracked	85.00	85.00
Rear fender lh	1	crushed	1598.00	1598.00
Rear fender air vent lh	1	cracked	135.70	135.70
Rear fender quarter glass seal lh	1	necessary	102.46	102.46
Rear door lh	1	repair.respray	1895.00	0.00
Rear door handle lh	1	scratched	133.00	133.00
Rear exhaust pipe * see labour cost	1	rebuilt	854.00	0.00
Rear end panel	1	repair.respray	610.00	0.00
Sub- Total costs			13023.78	8207.68
Percentage discount : 10%			1302.38	820.77
Sub-Total costs for parts			11721.40	7386.91



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Special Nett Items:

Tailgate reverse camera	1	serviceable.refix	452.00	0.00
Tailgate windscreen sealant	1	necessary	60.00	60.00
Rear bumper clips	set	necessary	40.00	40.00
Reverse sensor	set	malfunction	280.00	280.00
Rear exhaust pipe dip chrome housing lh	1	cut.damaged	185.00	185.00
Rear fender quarter glass sealant lh	1	necessary	40.00	40.00
Rear fender sealant lh	1	necessary	50.00	50.00
Sub-Total costs for parts			1107.00	655.00

Parts/Repair

*	*	0.00	0.00
Sub- Total costs		0.00	0.00
Total costs for parts		12828.40	8041.91

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Section B: Labour Cost Calculation

	Hourly rate	19	Total
To dismantle, replace, cut, weld, knock out dents to straighten accident parts as-mentioned on the 'Parts Repair' column inclusive of replacement parts.	\$ 45.00	25	\$ 1,125.00
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 1,250.00
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 80.00
Remove and replace rear bumper reverse sensor & conduct distance safety setting.	\$ 45.00	1.7	\$ 76.50
Remove and rebuilt rear exhaust system	\$ 45.00	2	\$ 90.00
Conduct water leak test for rear portion associated repair works	\$ 45.00	1	\$ 45.00
Specialist charges - Check/Dignostic and reprogramming			\$ 150.00
Conduct water leak test for rear portion associated repair works	\$ 45.00	1	\$ 45.00
Remove and refixe rear reverse camera & conduct distance safety setting	\$ 45.00	1.7	\$ 76.50
Transfer of existing tailgate mechanism to new tailgate	\$ 45.00	2	\$ 90.00
Remove and refix upholstery, cushion seat & rear inner trims to facilitate the repair of rear fender lh	\$ 45.00	3	\$ 135.00
Wiring and bulb checking	\$ 45.00	0.8	\$ 36.00
Total labour cost			\$ 3,199.00

Manhour rate and the number of manhours required for each repairing task are formulated based on individual workshop's operating cost and in-house@ IA Research Guidelines respectively.

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Section C: Summary Table of Total Repair Cost

Description		Cost
Damaged Parts Assessment (See section A)		\$8,041.91
Labour Cost Calculation (See section B)		\$3,199.00
Total Cost		\$11,240.91
Lump Sum		\$2,248.18
Further discount	20%	
Total Repair Cost		\$8,900.00

We would recommend a sum of \$8,900.00 and 7 working days for repair.
No further items will be approved without our expressed written agreement. Any significant additional items will be subject to a supplementary report.

Mechanical Engineer, Accident Expert Witness, Licensed Appraiser (Automobile)
B.Eng. (Hons, NUS)
Diploma.Mechanical Engineering
NTC-2 Automovite Technology
Sr.MIES, Institution of Engineers, Singapore (#20100091)
MATAI, Maryland Association of Traffic Accident Investigators
IAARS, International Association of Accident Reconstruction Specialists
PMC of Singapore Business Advisors & Consultants Council
ACTA certified Trainer, Singapore
Enterprise Singapore - Recognised Certification for Management Consultants
IMI Professional Certificate In Vehicle Accident Damage Assessment (UK)

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