

Our reference: 21-7296

Date: 8/2/2021

c/o AKA Auto Pte Ltd
No. 25 Kaki Bukit Road 4
#05-37 Synergy@KB
Singapore 417800

Dear Sirs

**RE: Road Traffic Accident on 24/1/2021
Nuhammad Sadiq Bin Aziz**

In accordance with your instructions received in this office on **25/1/2021**, we made arrangements to examine the vehicle on **25/1/2021** at above-mentioned address. The following data was recorded:

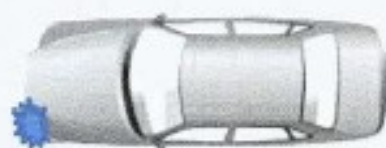
Vehicle details

Make	BMW	Registration	SMQ6846T
Model	316I	Chassis	WBA3A12090J719817
Colour	White	Gearbox	Auto
Odometer	126898km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

Tyre Depths

Front left	245/35ZR19	85% Falken
Front right	245/35ZR19	85% Falken
Rear left	275/30ZR19	85% Falken
Rear right	275/30ZR19	85% Falken

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 **\$7,100.00** and **6** working days for repair, which is sufficiently lower than the pre accident value to render the vehicle an economically and physically reliable proposition.

Subsidiaries of Impact Analysis Consultant:

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Section A: Damaged Parts Assessment

Part's Description	Qty	Condition As Inspected	Repairer's Estimate	Our Adjustment
List Items:				
Bonnet	1	repair.respray	1954.20	0.00
Bonnet lock	1	damaged/distorted	195.50	195.50
Front bumper	1	deformed	1421.50	1421.50 1042.20
Front bumper reinforcement	1	bent	612.00	612.00
Front bumper reinforcement bracket lh	1	bent	112.50	112.50
Headlamp lh	1	cracked	2968.50	2968.50 262.0
Headlamp bracket lh	1	damaged	102.00	102.00
Headlamp nozzle cover lh	1	damaged	32.00	32.00
Headlamp nozzle hose lh	1	damaged	98.50	98.50
Headlamp nozzle pump lh	1	damaged	204.50	204.50 168.82
Front bumper fog lamp bracket lh	1	bent	85.90	85.90
Front fender lh	1	repair.respray	652.30	0.00
Front fender inner shield lh	1	damaged	112.00	112.00
Front bumper parking sensor @\$312.00	4	1 pc damaged	1248.00	312.00
Sub- Total costs			9799.40	6256.90 5493.42
Percentage discount : 5%			489.97	312.85
Sub-Total costs for parts			9309.43	5944.06 5218.75
Special Nett Items:				
Rear bumper clips	set	necessary	55.00	55.00
Front bumper lower lid	1	damaged	610.00	610.00
Sub-Total costs for parts			665.00	665.00 665
Parts Repair				
*	*	*	0.00	0.00
Sub- Total costs			0.00	0.00
Total costs for parts			9974.43	6609.06

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Section B: Labour Cost Calculation

	Hourly rate	Manhr. Req.	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	18	\$ 810.00
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 800.00
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 30.00
Remove and replace front bumper parking sensor & conduct distance safety setting.	\$ 45.00	1.7	\$ 76.50
Specialist charges - Diagnostic fault code / reset			\$ 150.00
Wiring and bulb checking	\$ 45.00	0.8	\$ 36.00
Total labour cost			\$ 1,902.50

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.

1740
7623.75
L\$ 6100
6 days

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Section C: Summary Table of Total Repair Cost

Description		Cost	
Damaged Parts Assessment (See section A)		\$6,609.06	
Lump Sum		\$1,321.81	
Further discount	20%		
Recommended cost of parts replacement		\$5,287.24	(1)
Labour Cost Calculation (See section B)		\$1,902.50	(2)
Total Repair Cost (Round off to hundred)		\$7,100.00	(1) + (2)

We would recommend a sum of **\$7,100.00** and **6** 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 (IHK)
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