



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: 21-7234
Date: 25/1/2021

INVOICE NO. 7234

Hamzah Bin Osman
c/o Garage 13 Pte Ltd
8 Kaki Bukit Ave 4
#03-46 Premier@KB
Singapore 415875

Registration No. **SMS6992T**

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	\$848.00
Total amount			<u>\$848.00</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

Our reference: 21-7234

Date: 25/1/2021

c/o Garage 13 Pte Ltd
8 Kaki Bukit Ave 4
#03-46 Premier@KB
Singapore 415875

Dear Sirs

**RE: Road Traffic Accident on 10/1/2021
Hamzah Bin Osman**

In accordance with your instructions received in this office on **12/1/2021**, we made arrangements to examine the vehicle on **12/1/2021** at above-mentioned address. The following data was recorded:

Vehicle details

Make	Honda	Registration	SMS6992T
Model	Fit	Chassis	GK33415867
Colour	Blue	Gearbox	Auto
Odometer	11826km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

Tyre Depths

Front left	175/70R14	90% Yokohama
Front right	175/70R14	90% Yokohama
Rear left	175/70R14	90% Yokohama
Rear right	175/70R14	90% Yokohama

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 **\$8,196.05** 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 :					
Front bumper	1	crushed	896.50	896.50	584.20
Front bumper side retainer lh	1	necessary	46.50	46.50	
Front bumper fog lamp garnish lh	1	deformed	98.45	98.45	
Front bumper fog lamp lh	1	refit	321.00	0.00	XNN
Head lamp lh	1	holder broken	1256.50	1256.50	
Head lamp lower bracket lh	1	damaged	85.60	85.60	
Front fender lh	1	bent	498.80	498.80	
Front fender inner shield lh	1	damaged	121.00	121.00	
Front fender 1/4 glass moulding lh	1	damaged	102.40	102.40	
Front fender inner panel lh	1	repair	345.80	0.00	XR
Front fender inner garnish (vertical) lh	1	torn	123.50	123.50	
Front windscreen pillar "A" lh	1	repair	412.50	0.00	
Front door lh	1	repair.respray	1152.50	0.00	
Front door lower hinge lh	1	distorted	65.00	65.00	
Front shock absorber lh	1	bent	312.50	312.50	XNN
Front knuckle arm lh	1	bent	489.50	489.50	xnn
Front knuckle bearing hub lh	1	necessary	205.00	205.00	xnn
Front knuckle bearing lh	1	necessary	166.00	166.00	xnn
Front lower arm lh	1	bent	296.80	296.80	xnn
Front tie rod end- outer lh	1	bent	178.90	178.90	xnn
Front linkage lh	1	bent	196.80	196.80	XNN
Front drive shaft lh	1	bent	989.56	989.56	XNN
Front ball joint	1	damaged	102.00	102.00	XNN
Sub- Total cost			8463.11	6231.31	2981.95
Percentage discount : 20%			1692.62	1246.26	2385.56
Sub-Total costs for parts			6770.49	4985.05	

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Special Nett Items:

Front bumper clip	set	necessary	50.00	50.00	30
Front tyre rim lh	1	cut	625.00	625.00	
Sub-Total costs for parts			675.00	675.00	655

Parts Repair

*	*	*	0.00	0.00	
Sub- Total costs			0.00	0.00	
Total costs for parts			7445.49	5660.05	

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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	24	\$ 1,080.00	800
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 900.00	800
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 50.00	30
Specialist charges - Wheel alignment	-	-	\$ 100.00	80 80
Remove and refix front undercarriage works lh	\$ 45.00	6	\$ 270.00	X
Specialist charges - Dignostic fault code / reset			\$ 100.00	60
Wiring / bulb checking (inclusive of re-focus / re-adjust on angle of light intensity.)	\$ 45.00	0.8	\$ 36.00	30
Total labour cost			\$ 2,536.00	1990

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.

5030.56
I/s\$4000
7 DAYS

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Section C: Summary Table of Total Repair Cost

Description		Cost
Damaged Parts Assessment (See section A)		\$5,660.05
Labour Cost Calculation (See section B)		\$2,536.00
Total cost		\$8,196.05
Part-By-Part		\$0.00
Further discount	0%	
Total Repair Cost		\$8,196.05

We would recommend a sum of **\$8,196.05** 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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