



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: 21-7535
Date: 10/3/2021

INVOICE NO. 7535

Sonn Singh S/O Jagindar Singh
c/o JAS Auto Services
60 Jalan Lam Huat
#05-08/09 Carros Centre
Singapore 737869

Registration No. **SDJ23J**

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	\$ 878.00
Total amount			<u>\$ 878.00</u>

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

We thank you in anticipation for your prompt payment.

A blue ink handwritten signature, appearing to be 'L. L. Tan', written in a cursive style.

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

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#05-08/09 Carros Centre
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Dear Sirs

**RE: Road Traffic Accident on 19/2/2021
Sonn Singh S/O Jagindar Singh**

In accordance with your instructions received in this office on **22/2/2021**, we made arrangements to examine the vehicle on **22/2/2021** at above-mentioned address. The following data was recorded:

Vehicle details

Make	Jaguar	Registration	SDJ23J
Model	S-type	Chassis	SAJAC02E3XFL13699
Colour	Red	Gearbox	Auto
Odometer	216022km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

Tyre Depths

Front left	225/50R17	85% Continental
Front right	225/50R17	85% Continental
Rear left	225/50R17	85% Continental
Rear right	225/50R17	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 **\$16,100.00** and **9** 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:				
Rear door rh	1	crushed	2,458.80	2458.80
Rear door inner lock rh	1	damaged	651.20	651.20
Rear door inner board rh	1	crushed	676.00	676.00
Rear door weatherstrip rh	1	ripped.nec	216.20	216.20
Rear door hinge @\$85.00 rh	1	distorted	170.00	170.00
Rear door check link rh	1	distorted	55.00	55.00
Rear door window gear regulator c/w motor rh	1	bent	751.00	751.00
Rear door outer moulding rh	1	necessary	285.50	285.50
Front door rh	1	deep-cut	2,458.00	2458.00
Front door inner lock rh	1	refix	651.20	0.00
Front door inner board rh	1	refix	676.00	0.00
Rear fender rh	1	yield	1,654.80	1654.80
Rocker panel rh	1	crushed	654.20	654.20
Side skirt rh	1	damaged	852.10	852.10
Centre door pillar "B" rh	1	repair.respray	498.40	0.00
Rear fender inner shield rh	1	damaged	165.80	165.80
Rear windscreen moulding	1	necessary	181.00	181.00
Rear cross member	1	bent	1,857.80	1857.80
Rear dirve shaft rh	1	malfunction	1,548.00	1548.00
Rear anti-roll bar rh	1	bent	125.00	125.00
Rear shock absorber rh	1	bent	589.00	589.00
Rear knuckle arm rh	1	bent	785.00	785.00
Rear knuckle bearing / hub rh	1	necessary	485.00	485.00
Rear trust arm rh	1	bent	382.00	382.00

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Rear lower arm rh	1	bent	671.00	671.00
Sub- Total costs			19498.00	17672.40
Percentage discount : 10%			1949.80	1767.24
Sub-Total costs for parts			17548.20	15905.16

Special Nett Items:

Side skirt clips rh	set	necessary	55.00	55.00
Rear tyre rim rh	1	damaged	614.00	614.00
Rear tyre rh	1	abraded	250.00	200.00
Rear windsceen sealant	1	necessary	60.00	60.00
Rear fender sealant rh	1	necessary	40.00	40.00
Sub- Total costs			1019.00	969.00

Parts Repair

*	*	*	0.00	0.00
Sub- Total costs			0.00	0.00
Total costs for parts			18567.20	16874.16

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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
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 900.00
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 50.00
Wiring and bulb checking	\$ 45.00	0.8	\$ 36.00
Remove and refix rear windscreen glass & inner trim to facilitate the replacment of rear fender. (2-man job)	\$ 45.00	3.5	\$ 157.50
Remove and refix rear undercarriage works rh	\$ 45.00	6	\$ 270.00
Conduct water leak test for rear portion associated repair works	\$ 45.00	1	\$ 45.00
Remove and refix fuel tank, pipes to facilitate the repair works	\$ 45.00	1.5	\$ 67.50
Total labour cost			\$ 2,606.00

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)		\$16,874.16	
<i>Further discount</i>		\$3,374.83	
	20%		
Recommended cost of parts replacement		\$13,499.33	(1)
Labour Cost Calculation (See section B)		\$2,606.00	(2)
Total Repair Cost (Round off to hundred)		\$16,100.00	(1) + (2)

We would recommend a sum of **\$16,100.00** and **9** 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
SPRING- Recognised Certification for Management Consultants

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