

Our reference: 21-7344

Date: 18/2/2021

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

Dear Sirs

**RE: Road Traffic Accident on 3/2/2021  
Saiful**

In accordance with your instructions received in this office on **4/2/2021**, we made arrangements to examine the vehicle on **4/2/2021** at above-mentioned address. The following data was recorded:

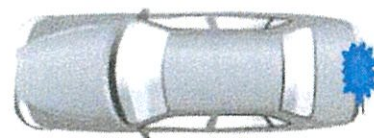
#### Vehicle details

Make	Honda	Registration	SLL7636P
Model	Vezel	Chassis	RU31227752
Colour	White	Gearbox	Auto
Odometer	71905km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

#### Tyre Depths

Front left	205/60R16	85% Tourador
Front right	205/60R16	85% Tourador
Rear left	205/60R16	80% Kapsen
Rear right	205/60R16	80% Kapsen

#### 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 **\$9,500.00** 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.

#### 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.iaconsulting.sg.com](http://www.iaconsulting.sg.com)

Our reference 21-7344

Date 18/2/2021

Page 2

### Section A: Damaged Parts Assessment

Part's Description	Qty	Condition As inspected	Repairer's Estimate	Our Adjustment
<b>List Items :</b>				
Rear bumper	1	deformed	986.00	986.00
Rear bumper side retainer @\$49.00	2	cracked	98.00	98.00
Rear bumper reflector @\$121.00	2	rh holder cracked lh cracked	242.00	242.00
Rear bumper side @\$215.50	1	lh reuse rh deformed/torn	431.00	215.50
Rear fender rh	1	repair.respray	988.50	0.00
Rear fender outer protector rh	1	damaged	166.00	166.00
Rear fender inner trim @\$365.80	2	cracked	731.60	731.60
Rear number plate licensed lamp	set	broken	91.00	91.00
Tail gate	1	crushed	1198.50	1198.50
Tail gate reflector @\$335.00	2	cracked	670.00	670.00
Tail gate lock	1	bent-in/jammed	321.00	321.00
Tail gate lock catch	1	damaged	45.80	45.80
Tail gate inner board	1	deformed	395.10	395.10
Tail gate inner board pocket handle	1	damaged	45.00	45.00
Tail gate windscreen seal	1	necessary	85.00	85.00
Tail gate weatherstrip	1	ripped/nec	298.00	298.00
Tail gate emblem "Vezel"	1	necessary	58.00	58.00
Tail gate plate "HYBID"	1	necessary	99.00	99.00
Tail gate logo	1	necessary	45.00	45.00
Tail gate outer garnish	1	damaged	265.70	265.70
Tail gate shock absorber @\$199.00	2	stiffened/bent	398.00	398.00
Tail gate wiper motor	1	ceased	268.00	268.00
Tail gate open switch	1	malfunction	188.80	188.80
Rear end panel	1	bent	512.00	512.00
Rear end panel top garnish	1	deformed	252.00	252.00
Tail lamp @\$485.00	2	cracked	970.00	970.00

*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](http://www.iaconsultingsg.com)



Our reference 21-7344

Date 18/2/2021

Tail lamp panel rh	1	repair	165.00	0.00
Rear floor panel	1	repair	1025.40	0.00
Rear floor panel under cover	1	damaged	241.50	241.50
Rear exhaust pipe	1	bent	621.00	621.00
Rear exhaust pipe chrome tip	1	damaged	125.00	125.00
<b>Sub- Total cost</b>			<b>12026.90</b>	<b>9632.50</b>
Percentage discount : 20%			2405.38	1926.50
<b>Sub-Total costs for parts</b>			<b>9621.52</b>	<b>7706.00</b>

**Special Nett Items:**

Reverse sensor	1	malfunction	280.00	280.00
Rear number plate	1	bent	50.00	50.00
Tail gate windscreen sealant	1	necessary	60.00	60.00
Rear bumper clips	1 set	necessary	50.00	50.00
Rear end panel top garnish clips	set	necessary	15.00	15.00
Rear end panel sealant	1	necessary	40.00	40.00
Rear reverse camera	1	damaged/malfunction	300.00	300.00
Rear fender inner trim clips	set	necessary	40.00	40.00
Tail key buzzer	1	broken	195.00	195.00
<b>Sub-Total costs for parts</b>			<b>1030.00</b>	<b>1030.00</b>

**Parts Repair**

*	*	*	0.00	0.00
<b>Sub- Total costs</b>			<b>0.00</b>	<b>0.00</b>
<b>Total costs for parts</b>			<b>10651.52</b>	<b>8736.00</b>

*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](http://www.iaconsultingsg.com)

## 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	27	\$ 1,215.00
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 refix upholstery to facilitate the repair works	\$ 45.00	1.5	\$ 67.50
Remove and refix tailgate rear windscreen glass. (2-man job)	\$ 45.00	3.5	\$ 157.50
Remove and replace rear bumper reverse sensor & conduct distance safety setting.	\$ 45.00	1.7	\$ 76.50
Remove and replace rear reverse camera & conduct distance safety setting	\$ 45.00	2	\$ 90.00
Transfer tailgate mechanism	\$ 45.00	1.7	\$ 76.50
Conduct water leak test for rear portion associated repair works	\$ 45.00	1.5	\$ 67.50
Remove and replace rear exhaust pipe	\$ 45.00	1.8	\$ 81.00
Wiring / bulb checking (inclusive of re-focus / re-adjust on angle of light intensity.)	\$ 45.00	1	\$ 45.00
<b>Total labour cost</b>			<b>\$ 3,206.50</b>

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.

### 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](http://www.iaconsultingsg.com)



Our reference 21-7344

Date 18/2/2021

### Section C: Summary Table of Total Repair Cost

Description		Cost
<b>Damaged Parts Assessment</b> (See section A)		\$8,736.00
<b>Labour Cost Calculation</b> (See section B)		\$3,206.50
<b>Total cost</b>		\$11,942.50
Lump sum repair		\$2,388.50
Further discount	20%	
<b>Total Repair Cost</b>		\$9,500.00

We would recommend a sum of \$9,500.00 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  
Enterprise Singapore - Recognised Certification for Management Consultants  
IMI Professional Certificate In Vehicle Accident Damage Assessment (UK)

#### 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



