

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

Our reference: 21-7408

Date: 15/3/2021

c/o Mirage Motorwerkz Pte Ltd
 10 Kaki Bukit Road 2
 #01-29 First East Centre
 Singapore 417868

Dear Sirs

**RE: Road Traffic Accident on 29/1/2021
 Tan Pei Qi**

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:

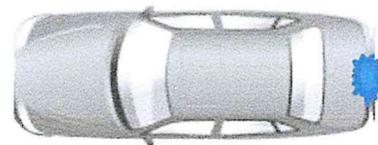
Vehicle details

Make	Toyota	Registration	SMV8168C
Model	Wish	Chassis	JTDGG20W80J007847
Colour	White	Gearbox	Auto
Odometer	20558km	Paintwork	Good
Steering	Good	Brakes	Good
Condition	Good		

Tyre Depths

Front left	195/65R15	85% Goodyear
Front right	195/65R15	85% Goodyear
Rear left	195/65R15	85% Goodyear
Rear right	195/65R15	85% Goodyear

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 **\$4,900.00** 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:

- 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 21-7408
Date 15/3/2021
Page 2

Section A: Damaged Parts Assessment

Part's Description	Qty	Condition As inspected	Repairer's Estimate	Our Adjustment
List Items:				
Tail gate	1	bent.kinked	1,574.80	1574.80
Tail gate inner lock	1	bent-in.jammed	345.80	345.80
Tail gate plate "valve metric"	1	necessary	91.20	91.20
Tail gate weatherstrip	1	ripped.nec	205.40	205.40
Tail gate reflector @\$298.50	2	refix	597.00	0.00
Tail gate inner board	1	refix	654.10	0.00
Antenna Electrical	1	damaged	115.00	115.00
Rear bumper	1	deformed	889.00	889.00
Rear bumper reflector @\$85.00	2	intact	170.00	0.00
Tail lamp @\$558.45	2	intact	1,116.90	0.00
Rear end panel	1	bent	624.10	624.10
Rear end panel top garnish	1	deformed	214.30	214.30
Sub- Total costs			6597.60	4059.60
<i>Percentage discount : 25%</i>			1649.40	1014.90
Sub-Total costs for parts			4948.20	3044.70

Special Nett Items:

Rear bumper clips	set	necessary	55.00	55.00
Reverse sensor	1	malfunction	250.00	250.00
Rear end panel sealant	1	necessary	40.00	40.00
Rear end panel top garnish clips	set	necessary	20.00	20.00
Tail gate windscreen glass sealant	1	necessary	50.00	50.00
Sub-Total costs for parts			415.00	415.00

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.iaconsulting.sg

Our reference 21-7408

Date 15/3/2021

Parts Repair

*	*	*	0.00	0.00
		Sub- Total costs	0.00	0.00
		Total costs for parts	5363.20	3459.70

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

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

Our reference 21-7408

Date 15/3/2021

Page 3

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.	\$ 48.00	18	\$ 864.00
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.		\$ 50.00
Conduct water leak test for rear portion associated repair works	\$ 48.00	1	\$ 48.00
Transfer of existing tailgate mechanism to new tailgate	\$ 48.00	2	\$ 96.00
Remove and replace rear bumper reverse sensor & conduct distance safety setting.	\$ 48.00	1.7	\$ 81.60
Remove and refix tailgate rear windscreen glass. (2-man job)	\$ 48.00	3.5	\$ 168.00
Wiring and bulb checking	\$ 48.00	0.8	\$ 38.40
Total labour cost			\$ 2,146.00

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.

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

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

Our reference 21-7408

Date 15/3/2021

Section C: Summary Table of Total Repair Cost

Description		Cost	
Damaged Parts Assessment <i>(See section A)</i>		\$3,459.70	
<i>Further discount</i>	20%	\$691.94	
Recommended cost of parts		\$2,767.76	(1)
Labour Cost Calculation <i>(See section B)</i>		\$2,146.00	(2)
Total Repair Cost <i>(Round off to hundred)</i>		\$4,900.00	(1) + (2)

We would recommend a sum of \$4,900.00 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 Profess 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