

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:

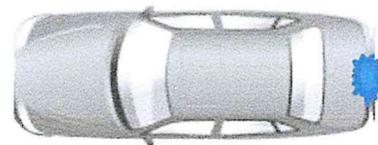
#### Vehicle details

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



<b>Status</b>	REPAIRABLE
<b>Magnitude</b>	Medium
<b>Legal status</b>	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.

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  - IA Accounting & Consultancy Pte Ltd • Infoknights International Services (Philippines) • IABN Pte Ltd
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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	
<b>List Items:</b>					
Tail gate ✓	1	bent.kinked	1,574.80	1574.80	1290
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 SVC	2	refix	597.00	0.00	
Tail gate inner board SVC	1	refix	654.10	0.00	
Antenna Electrical ✓	1	damaged	115.00	115.00	✓
Rear bumper ✓	1	deformed	889.00	889.00	579
Rear bumper reflector @\$85.00 SVC	2	intact	170.00	0.00	
Tail lamp @\$558.45 SVC	2	intact	1,116.90	0.00	
Rear end panel ✓	1	bent	624.10	624.10	495
Rear end panel top garnish ✓	1	deformed	214.30	214.30	✓
<b>Sub- Total costs</b>			<b>6597.60</b>	<b>4059.60</b>	<b>3335.7</b>
Percentage discount : 25%			1649.40	1014.90	
<b>Sub-Total costs for parts</b>			<b>4948.20</b>	<b>3044.70</b>	<b>2501.78</b>

#### Special Nett Items:

Rear bumper clips ✓	set	necessary	55.00	55.00	30
Reverse sensor ✓	1	malfunction	250.00	250.00	200
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	✓
<b>Sub-Total costs for parts</b>			<b>415.00</b>	<b>415.00</b>	<b>340</b>

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### Parts Repair

*	*	*	0.00	0.00
		<b>Sub- Total costs</b>	0.00	0.00
		<b>Total costs for parts</b>	<b>5363.20</b>	<b>3459.70</b>

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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	800
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	60
Remove and replace rear bumper reverse sensor & conduct distance safety setting.	\$ 48.00	1.7	\$ 81.60	40
Remove and refix tailgate rear windscreen glass. (2-man job)	\$ 48.00	3.5	\$ 168.00	120
Wiring and bulb checking	\$ 48.00	0.8	\$ 38.40	30
<b>Total labour cost</b>			<b>\$ 2,146.00</b>	1900

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.

4741.78

-20%: 3800

5 Days

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

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

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