

Our reference: 20-11-9626

Date: 13/11/2020

c/o UE Motor  
Blk 3006, Ubi Road 1,  
#01-334 Singapore 408700

Dear Sirs

RE: Road Traffic Accident on 16/10/2020  
Wong Kok Wah

In accordance with your instructions received in this office on 28/10/2020, we made arrangements to examine the vehicle on 28/10/2020 at above-mentioned address. The following data was recorded:

#### Vehicle details

Make	Toyota	Registration	SCK70D
Model	Vellfire	Chassis	GGH300001998
Colour	White	Gearbox	Auto
Odometer	101446km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

#### Tyre Depths

Front left	235/50R18	85% Yokohama
Front right	235/50R18	85% Yokohama
Rear left	235/50R18	85% Yokohama
Rear right	235/50R18	85% 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 \$5,300.00 and 5 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
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#### Nett Items:

Rear bumper	1	deformed/cut	1024.50	1024.50 X SVC
Rear fender rh	1	bent	1254.10	1254.10 ✓
Sliding door rh	1	deep-cut/warped	1856.00	1856.00 ✓
Rear fender quarter glass moulding rh	1	necessary	102.40	102.40 ✓
Rear shock absorber rh	1	bent	265.10	265.10 X SVC
Rear wheel bearing rh	1	necessary	196.40	196.40 X SVC
Sliding door lower roller rh	1	refit	205.80	0.00
<b>Sub- Total costs</b>			<b>4904.30</b>	<b>4698.50</b>
Percentage discount : 25%			<b>1226.08</b>	<b>1174.63</b>
<b>Sub-Total costs for parts</b>			<b>3678.23</b>	<b>3523.88</b>

#### Special Nett Items:

Rear bumper clips	set	necessary	55.00	55.00 X SVC
Rear fender quarter glass sealant rh	1	necessary	40.00	40.00 20 ✓
Rear tyre rim rh	1	cut	650.00	650.00 500 ✓
<b>Sub-Total costs for parts</b>			<b>745.00</b>	<b>745.00</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>4423.23</b>	<b>4268.88</b>

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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	18	\$ 810.00
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 750.00
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 50.00
Remove and refix rear bumper reverse sensor & conduct distance safety setting.	\$ 45.00	1.7	\$ 76.50
Transfer of existing sliding door mechanism rh	\$ 45.00	1.8	\$ 81.00
Remove and refix rear undercarriage works rh	\$ 45.00	2	\$ 90.00
Remove and refix rear fender quarter glass rh	\$ 45.00	2	\$ 90.00
Wiring and bulb checking	\$ 45.00	0.5	\$ 22.50
<b>Total labour cost</b>			<b>\$ 1,970.00</b>

700  
500  
30  
X  
50  
X  
50  
✓

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.

5 days

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

Description		Cost	
<b>Damaged Parts Assessment (See section A)</b>		<b>\$4,268.88</b>	
<b>Further discount</b>	<b>20%</b>	<b>\$853.78</b>	
<b>Recommended cost of parts</b>		<b>\$3,415.10</b>	(1)
<b>Labour Cost Calculation (See section B)</b>		<b>\$1,970.00</b>	(2)
<b>Total Repair Cost (Round off to hundred)</b>		<b>\$5,300.00</b>	(1) + (2)

We would recommend a sum of \$5,300.00 and 5 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 Automotive 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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