

Our reference: 21-8237

Date: 28/10/2021

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

Dear Sirs

**RE: Road Traffic Accident on 14/10/2021  
Goh Min Kuan**

In accordance with your instructions received in this office on **19/10/2021**, we made arrangements to examine the vehicle on **19/10/2021** at above-mentioned address. The following data was recorded:

#### Vehicle details

<b>Make</b>	Mercedes	<b>Registration</b>	SMZ3188G
<b>Model</b>	CLA180	<b>Chassis</b>	WDD1179422N279341
<b>Colour</b>	Silver	<b>Gearbox</b>	Auto
<b>Odometer</b>	93557km	<b>Paintwork</b>	Good
<b>Steering</b>	In order	<b>Brakes</b>	In order
<b>Condition</b>	Good		

#### Tyre Depths

Front left	225/40R18	85% Goodyear
Front right	225/40R18	85% Goodyear
Rear left	225/40R18	85% Goodyear
Rear right	225/40R18	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 **\$4,355.36** and **4** 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

Our reference      21-8237  
Date                    28/10/2021  
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	holder torn	1574.00	1574.00 1438
Rear bumper side retainer rh	1	nec	55.80	55.80
Rear bumper inner bracket	1	damaged	124.50	124.50
Tail lamp rh	1	holder broken	621.10	621.10 Xnn
Rear fender rh	1	repair.respray	1651.80	0.00 XR
<b>Sub- Total cost</b>			4027.20	2375.40 1618.30
Percentage discount : 10%			402.72	237.54 1456.47
<b>Sub-Total costs for parts</b>			<b>3624.48</b>	<b>2137.86</b>

#### Special Nett Items:

Rear bumper clips	set	necessary	50.00	20.00
Reverse sensor (original 6 pcs)	set	malfunction	585.00	585.00 350
<b>Sub-Total costs for parts</b>			<b>635.00</b>	<b>605.00 370</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>4259.48</b>	<b>2742.86</b>

Our reference 21-8237

Date 28/10/2021

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.	\$ 45.00	16	\$ 720.00	500
Putty & Spray painting to adjacent panels. Job allowance. Paint / material. (front fender, front bumper, front bumper lower lid)	Sub-contract work.		\$ 600.00	500
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 30.00	
Specialist charges - Check/Dignostic and reprogramming			\$ 150.00	
Remove and replace reverse sensor & conduct distance safety setting.	\$ 45.00	1.7	\$ 76.50	30
Wiring / bulb checking (inclusive of re-focus / re-adjust on angle of light intensity.)	\$ 45.00	0.8	\$ 36.00	30
<b>Total labour cost</b>			<b>\$ 1,612.50</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.

1240

3066.47

l/s\$2450

3 days

Our reference 21-8237

Date 28/10/2021

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

Description		Cost
<b>Damaged Parts Assessment (See section A)</b>		<b>\$2,742.86</b>
<b>Labour Cost Calculation (See section B)</b>		<b>\$1,612.50</b>
<b>Total cost</b>		<b>\$4,355.36</b>
<b>Part-By_Part</b>		<b>\$0.00</b>
<b>Further discount</b>	<b>0%</b>	
<b>Total Repair Cost</b>		<b>\$4,355.36</b>

We would recommend a sum of **\$4,355.36** and **4** 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)



























