

Our reference: 20-06-9263

Date: 15/6/2020

c/o AKA Auto Pte Ltd  
No. 25 Kaki Bukit Road 4  
#05-37 Synergy@KB  
Singapore 417800

Dear Sirs

RE: Road Traffic Accident on 23/5/2020  
Ho Lee Chean

In accordance with your instructions received in this office on 27/5/2020, we made arrangements to examine the vehicle on 27/5/2020 at above-mentioned address. The following details were recorded:

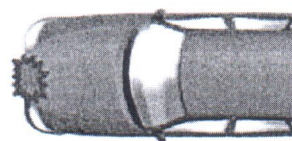
#### Vehicle details

Make	Mercedes	Registration	SKN3548M
Model	CLA200	Chassis	WDD1173432N09
Colour	Grey	Gearbox	Auto
Odometer	123782km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

#### Tyre Depths

Front left	225/40R18	85% Bridgestone
Front right	225/40R18	85% Bridgestone
Rear left	225/40R18	85% Bridgestone
Rear right	225/40R18	85% Bridgestone

#### 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 \$11,400.00 and 9 hours 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:

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  - IA Accounting & Consultancy Pte Ltd • Infoknights International Services (Philippines) • IABN Pte Ltd
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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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#### List Items:

Front bumper	1	deformed	1742.00	1742.00 1554 ✓
Front bumper upper bracket	1	damaged	155.00	155.00 ✓
Front bumper "Mercedes" badge	1	damaged	120.00	120.00 ✓
Front bumper upper grille mercedes logo	1	necessary	85.00	85.00 ✓
Front bumper tow cover	1	missing	42.50	42.50 ✓
Front license plate holder	1	damaged	89.40	89.40 X SVC
Front bumper reinforcement	1	bent	688.00	688.00 585 ✓
Front bumper reinforcement bracket @\$115.00	2	damaged	230.00	230.00 X SVC
Front bumper sponge centre	1	damaged	223.00	223.00 185 ✓
✓ Front bumper sponge side @\$123.00	2	damaged	246.00	246.00 X SVC
Front bumper side bracket @\$65.00	2	necessary	130.00	130.00 ✓
Front bumper headlamp nozzle cover @\$45.00	2	intact	90.00	0.00
Front bumper fog lamp cover @\$102.50	2	intact	205.00	0.00
Front radiator grille	1	cracked	577.00	577.00 ✓
Front radiator grille outer chrome moulding	1	broken	324.50	324.50 ✓
Front bumper lower grille (mesh)	1	damaged	241.00	241.00 ✓
Headlamp @\$2250.00 2/00	2	damaged	4500.00	4500.00 4200 ✓
Front support panel assy	1	bent-in/warped	856.10	856.10 664 ✓
Front fender @\$795.00	2	repair.respray	1590.00	0.00
Bonnet lock	1	damaged	155.00	155.00 X SVC
Aircon condenser side air guide @\$98.00	2	damaged	196.00	196.00 ✓
✓ Front sensor 260.	1	malfunction	412.00	412.00 X SVC
Front distance sensor control module	1	damaged	557.80	557.80 X SVC
Front distance sensor bracket	1	damaged	123.15	123.15 X SVC

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Front coolant sensor	1	malfunction	288.70	288.70	X SVC
<b>Sub- Total costs</b>			<b>13867.15</b>	<b>11982.15</b>	
Percentage discount : 10%			1386.72	1198.22	
<b>Sub-Total costs for parts</b>			<b>12480.44</b>	<b>10783.94</b>	

### Special Nett Items:

Front bumper clips	set	necessary	55.00	55.00	30/
Front number plate (special type)	1	bent	100.00	100.00	X
Front coolant (top up)	1	necessary	50.00	50.00	30/
Front support panel sealant	1	necessary	30.00	30.00	X SVC
<b>Sub-Total costs for parts</b>			<b>235.00</b>	<b>235.00</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>12715.44</b>	<b>11018.94</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	25	\$ 1,125.00
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 1,150.00
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 100.00
Wiring and bulb checking	\$ 45.00	0.5	\$ 22.50
Remove / replace aircon condenser and refill aircon gas	\$ 45.00	2.5	\$ 112.50
Remove and replace front distance sensor & conduct distance safety setting.	\$ 45.00	1.7	\$ 76.50
<b>Total labour cost</b>			<b>\$ 2,586.50</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.

6 repair days

15301.94

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## Section C: Summary Table of Total Repair Cost

Description		Cost	
<b>Damaged Parts Assessment</b> (See section A)		\$11,018.94	
Further discount	20%	\$2,203.79	
Recommended cost of parts replacement		\$8,815.15	(1)
<b>Labour Cost Calculation</b> (See section B)		\$2,586.50	(2)
<b>Total Repair Cost</b> (Round off to hundred)		\$11,400.00	(1) + (2)

We would recommend a sum of \$11,400.00 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  
SPRING- Recognised Certification for Management Consultants

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