

Our reference: 21-8362

Date: 15/12/2021

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

Dear Sirs

**RE: Road Traffic Accident on 26-11-2021  
Ong Aik Hwee**

In accordance with your instructions received in this office on **30-11-2021**, we made arrangements to examine the vehicle on **30-11-2021** at above-mentioned address. The following data was recorded:

**Vehicle details**

<b>Make</b>	Audi	<b>Registration</b>	SLG7000A
<b>Model</b>	TT COUPE	<b>Chassis</b>	TRUZZZFV5F1007717
<b>Colour</b>	Grey	<b>Gearbox</b>	Auto
<b>Odometer</b>	91837km	<b>Paintwork</b>	Good
<b>Steering</b>	In order	<b>Brakes</b>	In order
<b>Condition</b>	Good		

**Tyre Depths**

Front left	245/35ZR19	85% DUNLOP
Front right	245/35ZR19	85% DUNLOP
Rear left	275/30ZR19	85% DUNLOP
Rear right	275/30ZR19	85% DUNLOP

**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 \$16,300.00 and 7 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

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### Section A: Damaged Parts Assessment

Part's Description	Qty	Condition As inspected	Repairer's Estimate	Our Adjustment
<b>List Items :</b>				
Front bumper ✓	1	deformed	1717.05	1717.05 ✓
Front bumper side retainer lh ✓	1	damaged	45.80	45.80 ✓
Front bumper parking sensor ✓	<del>1 set</del>	malfunction	652.00	652.00 242
Front bumper nozzle cover lh ✓	1	missing	52.00	52.00 ✓
Front bumper fog lamp garnish lh X SVC	1	damaged	155.00	155.00 ✓
Front bumper side cover lh ✓	1	damaged	102.30	102.30 ✓
Front bumper centre bracket ✓	1	broken	199.00	199.00 ✓
Front bumper lower grille X SVC	1	holder broken	216.50	216.50
Headlamp lh (original) ✓	1	defaced	10080.55	10080.55 ✓
Headlamp nozzle lh ✓	1	damaged	266.00	266.00 ✓
Front fender lh ✓	1	bent.warped	901.95	901.95 ✓
Front shock absorber lh X SVC	1	bent	425.00	425.00
Front knuckle arm lh X SVC	1	bent	1020.55	1020.55
Front knuckle arm bearing /hub lh X SVC	1	necessary	469.25	469.25
Front tie rod end lh X SVC	1	damaged	245.50	245.50
Front lower control arm lh X SVC	1	bent	829.60	829.60
Front radiator grille assy X SVC	1	holder broken	969.50	969.50
<b>Sub- Total cost</b>			18347.55	18347.55 13606.65
Percentage discount :		5%	917.38	917.38
<b>Sub-Total costs for parts</b>			<b>17430.17</b>	<b>17430.17</b>
				-10%: 12245.98
<b>Special Nett Items:</b>				
Front tyre rim lh ✓	1	damaged	712.00	712.00 ✓
Front tyre lh X SVC	1	damaged	250.00	212.50
Front bumper clips ✓	set	necessary	50.00	20.00 ✓
<b>Sub-Total costs for parts</b>			<b>1012.00</b>	<b>944.50</b>
<b>Parts Repair</b>				
*			0.00	0.00
<b>Sub- Total costs</b>			<b>0.00</b>	<b>0.00</b>
<b>Total costs for parts</b>			<b>18442.17</b>	<b>18374.67</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	19	\$ 855.00	400
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 600.00	500
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 20.00	✓
Specialist charges - Wheel alignment	-	-	\$ 80.00	60
Specialist charges - Check/Dignostic and reprogramming			\$ 150.00	50
Remove and replace front undercarriage work lh	\$ 45.00	5	\$ 225.00	✗
Remove and replace front parking sensor	\$ 45.00	2	\$ 90.00	40
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>\$ 2,056.00</b>	<b>1080</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.

14057.98

-20%: 11250

6 Days

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

Description		Cost
<b>Damaged Parts Assessment (See section A)</b>		<b>\$18,374.67</b>
<b>Labour Cost Calculation (See section B)</b>		<b>\$2,056.00</b>
<b>Total cost</b>		<b>\$20,430.67</b>
Lump sum repair		\$4,086.13
Further discount	<b>20%</b>	
<b>Total Repair Cost</b>		<b>\$16,300.00</b>

We would recommend a sum of \$16,300.00 and 7 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)

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