

Our reference: 21-7838

Date: 16/6/2021

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

Dear Sirs

RE: Road Traffic Accident on 5/6/2021
Koh Chee Siong Derek

In accordance with your instructions received in this office on 8/6/2021, we made arrangements to examine the vehicle on 8/6/2021 at above-mentioned address. The following data was recorded:

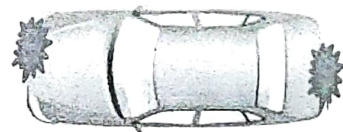
Vehicle details

Make	Hyundai	Registration	SJT6478S ✓
Model	Elantra Avante	Chassis	KMH DU41BR9U771057
Colour	Silver	Gearbox	Auto
Odometer	214954km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

Tyre Depths

Front left	195/60R15	85% Firenza
Front right	195/60R15	85% Firenza
Rear left	195/60R15	85% Firenza
Rear right	195/60R15	85% Firenza

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 \$5,100.00 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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Section A: Damaged Parts Assessment

Part's Description	Qty	Condition As inspected	Repairer's Estimate	Our Adjustment
List Items:				
Front bumper	1	deformed	622.80	622.80 461
Front bumper side retainer @\$28.70	2	necessary	57.40	57.40 ✓
Front bumper reinforcement	1	bent	312.50	312.50 255
Front bumper sponge	1	damaegd	166.50	166.50 118.6
Front bumper lower grille	1	cracked	142.15	142.15 105.2
Radiator grille	1	holder cracked	225.60	225.60 ✓
Radiator grille logo	1	necessary	32.80	32.80 ✓
Head lamp @\$526.20	2	intact	1052.40	0.00 X SVC
Boot lid	1	repair.respray	982.30	0.00 X r
Boot lid top lock	1	bent-in	145.50	145.50 ✓
Boot lid logo	1	necessary	32.20	32.20 ✓
Boot lid emblem 'AVANTE'	1	necessary	33.60	33.60 ✓
Boot lid emblem 'S'	1	necessary	18.40	18.40 ✓
Boot lid weather strip	1	reuse	112.50	0.00 X SVC
Rear bumper	1	deformed	653.70	653.70 484
Rear bumper side retainer @\$26.50	2	necessary	53.00	53.00 ✓
Rear bumper bracket @\$92.40	2	bent	184.80	184.80 ✓
Rear bumper sponge	1	damaegd	181.80	181.80 119
Rear bumper reinforcement	1	bent	302.10	302.10 282.8
Tail lamp @\$298.60	2	shifted	597.20	597.20 X SVC
Rear end panel	1	dented	587.50	587.50 X r
Rear end panel top garnish	1	reuse	152.40	0.00 X SVC
Sub- Total costs			6649.15	4349.55
Percentage discount : 20%			1329.83	869.91
Sub-Total costs for parts			5319.32	3479.64

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Front bumper clip @\$5.00	10	necessary	50.00	50.00 20
Radiator grille clip @\$5.50	5	necessary	27.50	27.50 20
Rear bumper clip @\$5.50	10	necessary	55.00	55.00 20
Rear end panel sealant	1	necessary	40.00	40.00 XNN
Reverse sensor	set	malfunction	250.00	250.00 200
Sub-Total costs for parts			422.50	422.50

Parts Repair

*	*	0.00	0.00
Sub- Total costs		0.00	0.00
Total costs for parts		5741.82	3902.14

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Section B: Labour Cost Calculation

	Hourly rate	19	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	20	\$ 900.00	600
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 950.00	800
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 50.00	20
Remove and replace rear bumper reverse sensor & conduct distance safety setting.	\$ 45.00	1.7	\$ 76.50	30
Wiring and bulb checking	\$ 45.00	1	\$ 45.00	\$ 20
Total labour cost			\$ 2,021.50	

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.

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Section C: Summary Table of Total Repair Cost

Description		Cost
Damaged Parts Assessment (See section A)		\$3,902.14
Further discount	20%	\$780.43
Recommended cost of parts replacement		\$3,121.71
Labour Cost Calculation (See section B)		\$2,021.50
Total Repair Cost (Round off to hundred)		\$5,100.00

(1)

(2)

(1) + (2)

We would recommend a sum of \$3050 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
 Enterprise Singapore - Recognised Certification for Management Consultants
 IMI Professional Certificate In Vehicle Accident Damage Assessment (UK)

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