

Our reference: 20-12-9640
Date: 15/11/2020

INVOICE NO. 9640

Yap Siew Gek
c/o Triple-T Automobile
Blk 6 Defu Lane 10
#01- 556
Singapore 539187

Registration No. **SLS963D**

We enclose our fee note for your kind attention, which remains payable irrespective of the outcome of this case.

S/No.	Description of Services Provided	Qty	Amount
1	Being vehicle damage assessment report, inspection, photographs, transport and miscellaneous.	1	\$ 893.00
Total amount			<u><u>\$ 893.00</u></u>

Please kindly cross all cheques made payable to " Impact Analysis Consultant".

We thank you in anticipation for your prompt payment.



L. L. Tan (Ms)
Principal Consultant

Our reference: 20-12-9640

Date: 15/11/2020

c/o Triple-T Automobile
Blk 6 Defu Lane 10
#01- 556
Singapore 539187

Dear Sirs

**RE: Road Traffic Accident on 31/10/2020
Yap Siew Gek**

In accordance with your instructions received in this office on **2/11/2020**, we made arrangements to examine the vehicle on **2/11/2020** at above-mentioned address. The following data was recorded:

Vehicle details

Make	Hyundai	Registration	SLS963D
Model	Elantra	Chassis	KMHD841CMJU537969
Colour	Blue	Gearbox	Auto
Odometer	*	Paintwork	Good
Steering	Good	Brakes	Good
Condition	Good		

Tyre Depths

Front left	*	*
Front right	*	*
Rear left	*	*
Rear right	*	*

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 **\$9,300.00** and **8** 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
www.iaconsultingsg.com

Our reference 20-12-9640
Date 15/11/2020
Page 2

Section A: Damaged Parts Assessment

Part's Description	Qty	Condition As inspected	Repairer's Estimate	Our Adjustment
List Items:				
Boot lid	1	bent-in/warped	985.60	985.60
Boot lid top lock	1	bent-in	158.40	158.40
Boot lid emblem Elantra	1	necessary	45.00	45.00
Boot lid emblem S	1	necessary	18.90	18.90
Boot lid logo	1	necessary	41.20	41.20
Boot lid inner trim	1	serviceable	266.40	0.00
Boot lid reflector @\$215.00	2	intact	430.00	0.00
Boot lid weatherstrip	1	ripped/nec	199.40	199.40
Rear bumper side retainer @\$36.90	2	necessary	73.80	73.80
Rear bumper reinforcement	1	bent	412.00	412.00
Rear bumper reinforcement stay bracket @\$55.00	2	bent	110.00	110.00
Rear bumper reflector @\$115.00	2	holder torn	230.00	230.00
Rear bumper	1	deformed	996.50	996.50
Rear bumper lower lid	1	deformed	486.70	486.70
Tail lamp @\$412.00	2	refix	824.00	0.00
Rear end panel	1	multiple dented	455.00	455.00
Rear end panel top garnish	1	deformed	155.50	155.50
Rear impact sensor (attached to rear end panel)	1	malfunction/damaged	265.10	265.10
Rear spare tyre floor panel	1	repair	965.10	0.00
Rear fender inner trim @\$215.00	2	serviceable	430.00	0.00
Front bumper	1	deformed/cut	965.40	965.40
Bonnet	1	repair.respray	812.40	0.00
Bonnet brace panel	1	distorted	125.80	125.80
Front support top panel garnish	1	damaged	233.50	233.50
Front bumper lower lid	1	deformed	524.80	524.80
Front bumper side retainer @\$36.50	2	necessary	73.00	73.00
Front bumper sponge	1	fractured/compressed	221.00	221.00

Our reference 20-12-9640

Date 15/11/2020

Front bumper lower beam	1	bent	168.70	168.70
Front bumper reinforcement	1	bent	515.10	515.10
Front radiator grille assy	1	holder torn	568.70	568.70
Front radiator grille logo	1	necessary	52.00	52.00
Headlamp @\$1254.80	2	refix	2509.60	0.00
Front bumper fog lamp @\$265.70	2	intact	531.40	0.00
Front bumper fog lamp garnish @\$95.00	2	intact	190.00	0.00
Front number plate casing	1	damaged	98.78	98.78
Sub- Total costs			15138.78	8179.88
Percentage discount : 20%			3027.76	1635.98
Sub-Total costs for parts			12111.02	6543.90

Special Nett Items:

Front bumper clips	10	necessary	55.00	55.00
Front number plate	1	cut	50.00	50.00
Rear bumper reverse sensor	1	malfunction	250.00	250.00
Rear bumper clips	10	necessary	60.00	60.00
Rear end panel top garnish clips	3	necessary	15.00	15.00
Rear end panel sealant	1	necessary	40.00	40.00
Sub-Total costs for parts			470.00	470.00

Parts Repair

*	*	*	0.00	0.00
Sub- Total costs			0.00	0.00
Total costs for parts			12581.02	7013.90

Our reference 20-12-9640

Date 15/11/2020

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.	\$ 48.00	32	\$ 1,536.00
Putty & Spray painting to adjacent panels. Job allowance. Paint / material. (front door, side skirt, bonnet, front bumper / lower lid, front fender)	Sub-contract work.		\$ 1,500.00
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 150.00
Conduct water leak test for rear portion associated repair works	\$ 48.00	1	\$ 48.00
Remove and refix tailgate rear windscreen glass. (2-man job)	\$ 48.00	3	\$ 144.00
Remove and replace rear reverse sensor & conduct distance safety setting	\$ 48.00	1.7	\$ 81.60
Specialist charges - Diagnostic fault code / reset			\$ 200.00
Wiring and bulb checking	\$ 48.00	1	\$ 48.00
Total labour cost			\$ 3,707.60

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.

Our reference 20-12-9640

Date 15/11/2020

Section C: Summary Table of Total Repair Cost

Description		Cost	
Damaged Parts Assessment (See section A)		\$7,013.90	
Further discount	20%	\$1,402.78	
Recommended cost of parts		\$5,611.12	(1)
Labour Cost Calculation (See section B)		\$3,707.60	(2)
Total Repair Cost (Round off to hundred)		\$9,300.00	(1) + (2)

We would recommend a sum of \$9,300.00 and 8 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)

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
www.iaconsultingsg.com

















































