

Our reference: 20-11-9598
Date: 10/11/2020

INVOICE NO. 9598

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

Registration No. **SMR6655Y**

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	\$ 898.00
Total amount			<u>\$ 898.00</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: 20-11-9598

Date: 10/11/2020

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

Dear Sirs

RE: Road Traffic Accident on 7/10/2020
Chern Ling Jye

In accordance with your instructions received in this office on 20/10/2020, we made arrangements to examine the vehicle on 20/10/2020 at above-mentioned address. The following data was recorded:

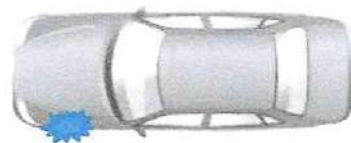
Vehicle details

Make	Honda	Registration	SMR6655Y
Model	Civic	Chassis	JHMF16306S208690
Colour	Black	Gearbox	Auto
Odometer	170023km	Paintwork	Good
Steering	Good	Brakes	Good
Condition	Good		

Tyre Depths

Front left	205/55R16	85% Acenda
Front right	205/55R16	85% Acenda
Rear left	205/55R16	85% Acenda
Rear right	205/55R16	85% Acenda

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 \$10,500.00 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.iaconsulting.sg.com

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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	multiple-cut	732.50	732.50
Front bumper side retainer lh	1	lh damaged	25.50	25.50
Front bumper fog lamp lh	1	cracked	330.00	330.00
Front bumper fog lamp garnish lh	1	deformed	65.00	65.00
Headlamp lh	1	damaged	986.70	986.70
Headlamp lower bracket lh	1	necessary	137.00	137.00
Headlamp panel lh	2	repair	185.60	0.00
Front fender lh	1	bent	584.20	584.20
Front fender inner shield lh	1	damaged	65.00	65.00
Front shock absorber stopper lh	1	damage	56.00	56.00
Front shock absorber mounting lh	1	damage	75.00	75.00
Front shock absorber cover lh	1	damage	30.00	30.00
Front shock absorber lh	1	bent	467.40	467.40
Front lower arm lh	1	bent	265.21	265.21
Front knuckle arm lh	1	bent	365.10	365.10
Front knuckle arm bearing lh	1	necessary	132.40	132.40
Front knuckle arm bearing hub lh	1	necessary	201.50	201.50
Front lower arm link lh	1	bent	75.80	75.80
Front side mirror assy lh	1	broken/distorted	551.20	551.20
Front door lh	1	bent	808.00	808.00
Front door lock lh	1	damaged	203.30	203.30
Front door outer handle lh	1	grazed	110.20	110.20
Front door regulator gear lh	1	bent	295.00	295.00
Front door regulator motor lh	1	ceased	115.00	115.00
Front door protector lh	1	damaged/nec	95.50	95.50
Rear door lh	1	bent	808.00	808.00
Rear door lock lh	1	bent	203.30	203.30

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Date 10/11/2020

Rear door outer handle lh	1	grazed	110.20	110.20
Rear door regulator gear lh	1	bent	295.00	295.00
Rear door regulator motor lh	1	ceased	115.00	115.00
Rear door protector lh	1	damaged/nec	95.50	95.50
Rear door glass moulding lh	1	necessary	150.50	150.50
Rocker panel lh	1	repair	498.70	0.00
Side skirt lh	1	bent	596.50	596.50
Rear fender lh	1	repair.respray	896.50	0.00
Rear bumper	1	repair.respray	711.00	0.00
Centre door pillar lh	1	repair	312.50	0.00
Sub- Total costs			11750.81	9146.51
Percentage discount : 20%			2350.16	1829.30
Sub-Total costs for parts			9400.65	7317.21

Special Nett Items:

Front wheel tyre lh @85%	1	abraded	300.00	255.00
Front wheel rim lh (sport)	1	cut	750.00	750.00
Front bumper clips	set	necessary	50.00	50.00
Front fender sealant lh	1	necessary	40.00	40.00
Sub-Total costs for parts			1140.00	1095.00

Parts Repair

*	*	*	0.00	0.00
Sub- Total costs			0.00	0.00
Total costs for parts			10540.65	8412.21

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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.	\$ 48.00	26	\$ 1,248.00
Putty & Spray painting to adjacent panels. Job allowance. Paint / material. (front door, side skirt, bonnet, front bumper / lower lid, front fender)	Sub-contract work.		\$ 1,600.00
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 120.00
Remove and refix front undercarriage works lh	\$ 48.00	6	\$ 288.00
Transfer of existing door mechanism to new door (2 nos).	\$ 48.00	3.6	\$ 172.80
Specialist charges - Computerized wheel alignment	-	-	\$ 120.00
Specialist charges - Diagnostic fault code / reset			\$ 200.00
Wiring and bulb checking	\$ 48.00	1	\$ 48.00
Total labour cost			\$ 3,796.80

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.

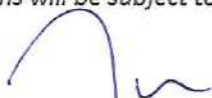
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Section C: Summary Table of Total Repair Cost

Description		Cost	
Damaged Parts Assessment (See section A)		\$8,412.21	
Further discount	20%	\$1,682.44	
Recommended cost of parts		\$6,729.77	(1)
Labour Cost Calculation (See section B)		\$3,796.80	(2)
Total Repair Cost (Round off to hundred)		\$10,500.00	(1) + (2)

We would recommend a sum of \$10,500.00 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)

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