Impact Analysis Consultant
Practicing Management Consultant (PMC) of SBACC
Approved Training Organisation (ATO) of Workforce Singapore

No.25 Kaki Bukit Road 4
#06-46 Synergy @KB
Singapore 417800
Hotline: **6385 1171**

Our reference: 21-7572
Date: 15/4/2021

INVOICE NO. 7572

Qi Ji Pte Ltd
c/o ECO Automobile Claims & Repair Pte Ltd
13 Kaki Bukit Rd 4
#03-29 Bartley Biz Centre
Singapore 417807

Registration No. **GBC8781L**

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	$ 611.00
		Total amount	**$ 611.00**

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

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c/o ECO Automobile Claims & Repair Pte Ltd
13 Kaki Bukit Rd 4
#03-29 Bartley Biz Centre
Singapore 417807

Dear Sirs

RE: Road Traffic Accident on 29/3/2021
Qi Ji Pte Ltd

In accordance with your instructions received in this office on **29/3/2021**, we made arrangements to examine the vehicle on **29/3/2021** at above-mentioned address. The following data was recorded:

Vehicle details

Make	Toyota	**Registration**	GBC8781L
Model	Hiace	Chassis	JTFHT02P700132703
Colour	White	Gearbox	Manual
Odometer	173917km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

Tyre Depths

Front left	195R15C	85% Habilead
Front right	195R15C	85% Habilead
Rear left	195R15C	85% Compasal
Rear right	195R15C	85% Compasal

Status	REPAIRABLE
Magnitude	Medium
Legal status	Unroadworthy

Impact Direction & Area of Damage:

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 ***$6,700.00*** 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:				
Tail gate	1	crushed	1758.90	1758.90
Tail gate outer garnish (black)	1	damaged	195.50	195.50
Tail gate top lock	1	bent.jammed	224.50	224.50
Tail gate weatherstrip	1	ripped/nec	265.80	265.80
Tail gate logo	1	necessary	60.10	60.10
Tail gate damper @$185.00	1	stiffended	370.00	370.00
Tail gate wiper motor	1	ceased	311.00	311.00
Tail gate side stopper	set	damaged	55.00	55.00
Tail gate windscreen glass	1	shattered	1214.00	1214.00
Tail gate inner board	1	warped	230.10	230.10
Rear bumper	1	deformed	452.00	452.00
Rear bumper side retainer @$45.00	2	damaged	90.00	90.00
Rear fender air vent lh	1	damaged	95.20	95.20
Rear tail lamp @$295.20	2	cracked	590.40	590.40
Rear end panel	1	bent	402.20	402.20
		Sub- Total costs	6314.70	6314.70
		Percentage discount : *25%*	1578.68	1578.68
		Sub-Total costs for parts	**4736.03**	**4736.03**
Special Nett Items:				
Tail gate "70km/h" sticker	1	necessary	20.00	20.00
Tail gate windscreen sealant	1	necessary	60.00	60.00
Rear bumper clips @$4.50	8	necessary	36.00	36.00
Rear reverse sensor	1	malfunction	250.00	250.00
Tail gate company advertisment	1	necessary	550.00	550.00
Tail gate inner aluminium plate	1	bent	321.00	321.00

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Rear end panel sealant	1	necessary	40.00	40.00
		Sub-Total costs for parts	**1277.00**	**1277.00**

Parts Repair

	*	*	0.00	0.00
		Sub- Total costs	0.00	0.00
		Total costs for parts	**6013.03**	**6013.03**

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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	24	$ 1,080.00
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		$ 800.00
Apply rust proofing on the adjacent panels.	Sub-contract work.		$ 40.00
Remove and replace rear bumper reverse sensor & conduct distance safety setting.	$ 45.00	1.7	$ 76.50
Remove and replace tailgate rear windscreen glass. (2-man job)	$ 45.00	3.5	$ 157.50
Conduct water leak test for rear portion associated repair works	$ 45.00	1	$ 45.00
Transfer of existing tailgate mechanism to new tailgate	$ 45.00	2	$ 90.00
Remove and refix upholstery to facilitate the repair works	$ 45.00	1.5	$ 67.50
Wiring and bulb checking	$ 45.00	1	$ 45.00
		Total labour cost	**$ 2,401.50**

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)		**$6,013.03**
Labour Cost Calculation (See section B)		**$2,401.50**
Total Cost		**$8,414.53**
Lump Sum		**$1,682.91**
Further discount	***20%***	
Total Repair Cost		**$6,700.00**

We would recommend a sum of ***$6,700.00*** 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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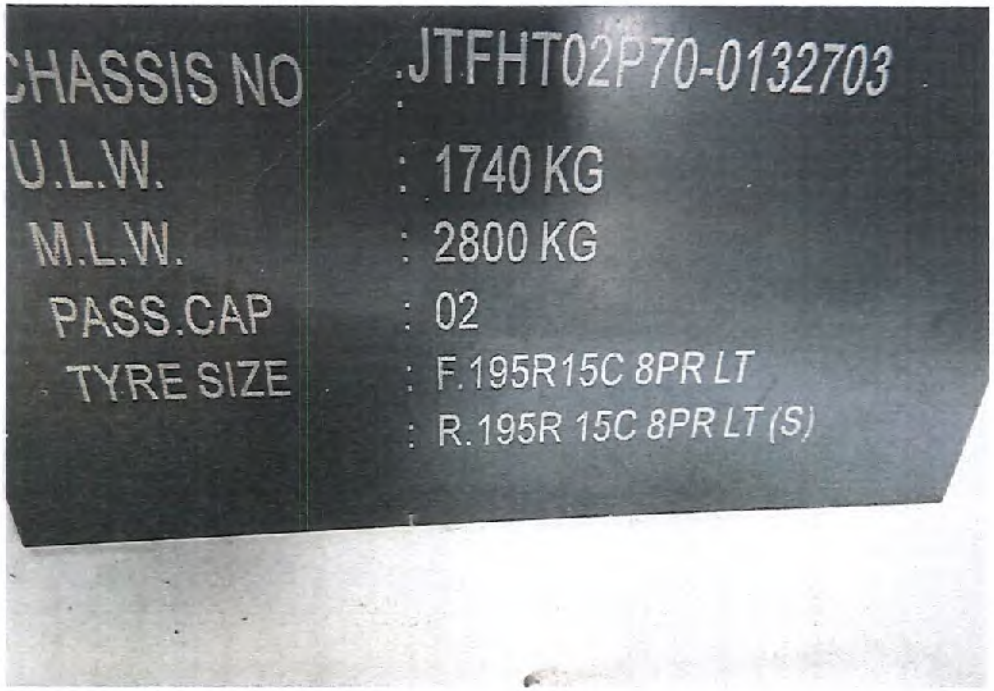
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U.L.W. : 1740 KG
M.L.W. : 2800 KG
PASS.CAP : 02
TYRE SIZE : F.195R15C 8PR LT
: R.195R 15C 8PR LT (S)

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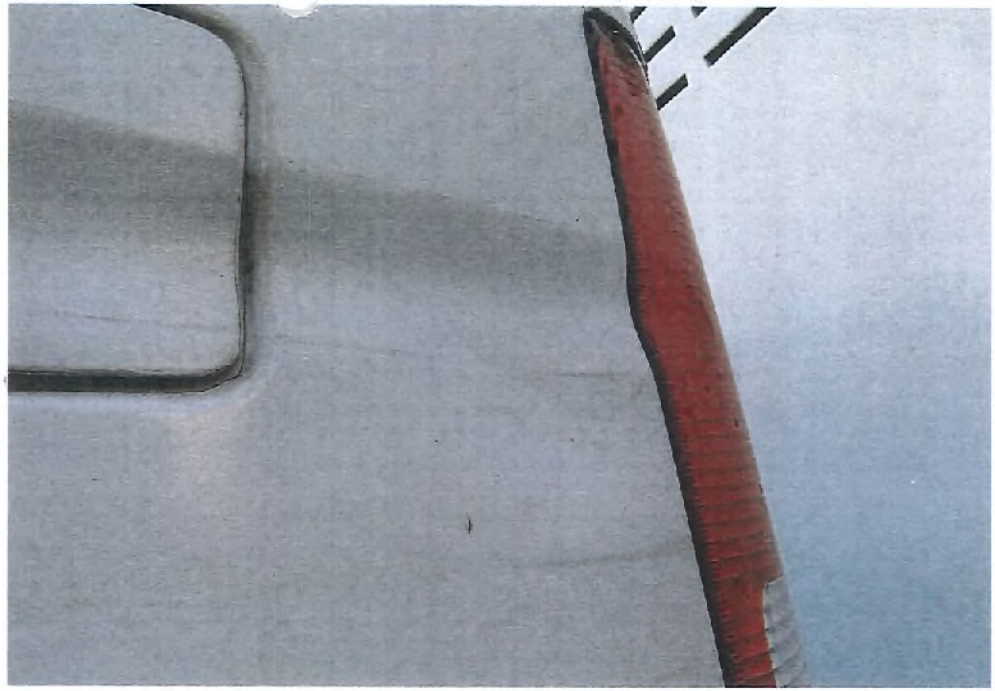

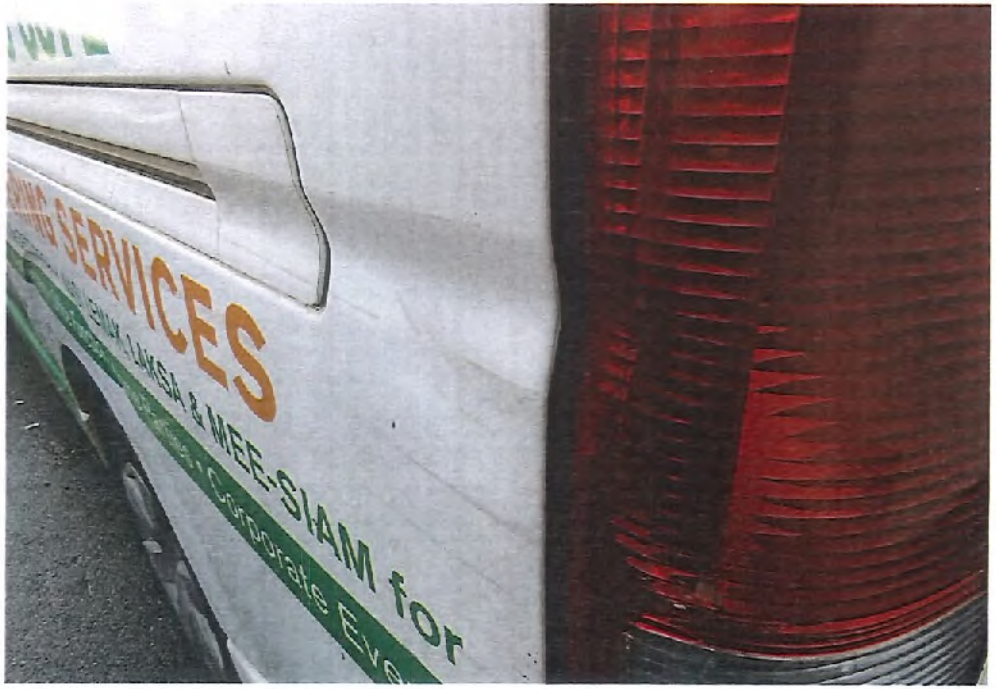
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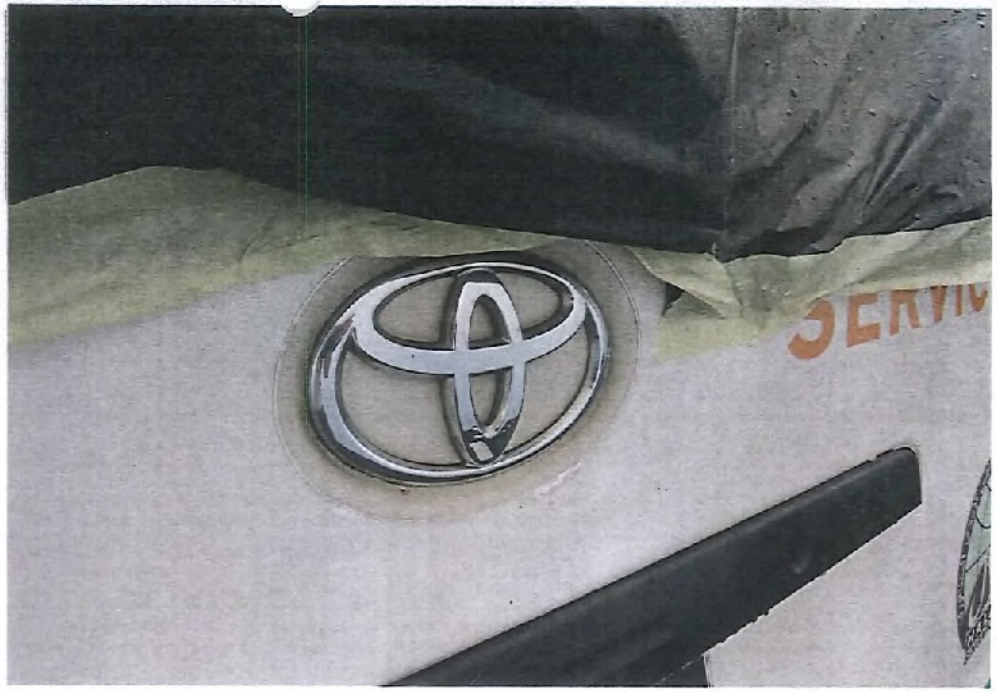

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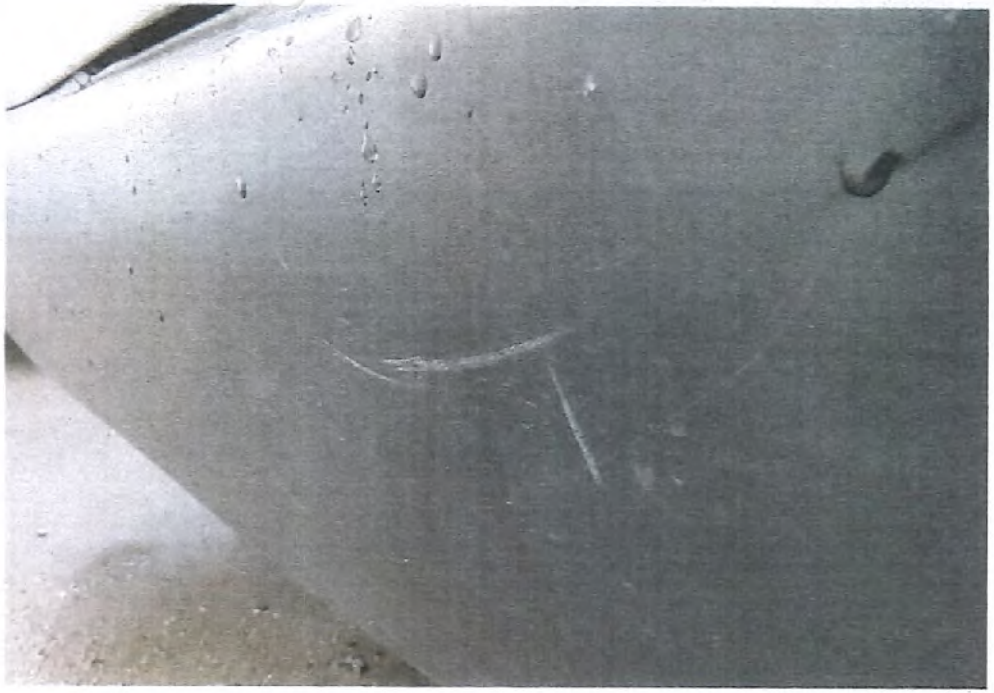

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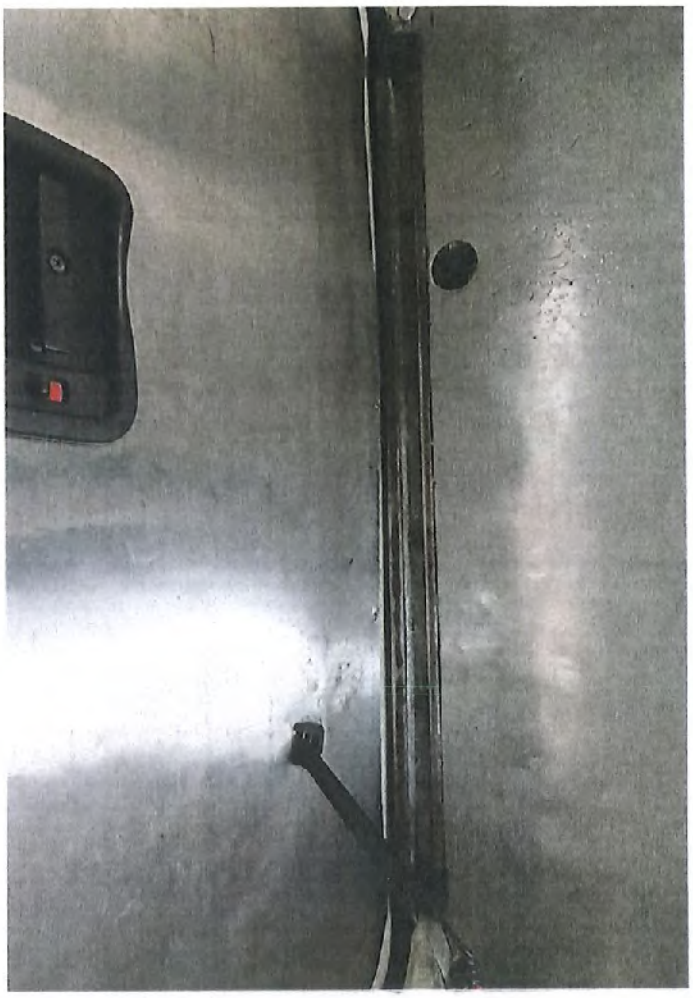

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