

Our reference: 19-10-8596

Date: 5/11/2019

c/o Hui Wang Enterprise Pte Ltd
Blk 5 Defu Lane 10
#01-576
Singapore 539186

Dear Sirs

RE: Road Traffic Accident on 11/10/2019
Hui Wang Enterprise Pte Ltd

In accordance with your instructions received in this office on 14/10/2019, we made arrangements to examine the vehicle on 14/10/2019 at above-mentioned address. The following data was recorded:

Vehicle details

Make	Toyota	Registration	GBG7126P
Model	Hiace	Chassis	JTFHT02P500234551
Colour	Silver	Gearbox	Manual
Odometer	88346km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

Tyre Depths

Front left	195R15C	90% Delium
Front right	195R15C	90% Delium
Rear left	195R15C	85% Bearway
Rear right	195R15C	85% Bearway

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 \$4,700.00 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.

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Section A: Damaged Parts Assessment

Part's Description	Qty	Condition As inspected	Repairer's Estimate	Our Adjustment
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List Items:

Tail gate / BT	1	bent	2154.00	2154.00 1,850
Tail gate inner trim X SVC	1	intact	325.80	0.00
Tail gate inner lock / Jern	1	damaged	341.20	341.20 /
Tail gate outer garnish X SVC	1	intact	185.90	0.00
Tail gate logo / Nec	1	necessary	63.70	63.70 /
Tail gate weatherstrip / BR	1	ripped	215.80	215.80 /
Tail gate emblem 'HIACE' / Nec	1	necessary	48.90	48.90 /
Rear bumper / Def	1	deformed	498.50	498.50 /
Rear bumper side retainer @\$65.20 LH/BR 12	12	lh necessary rh reuse	130.40	65.20 /
Rear tail lamp lh / CRA	1	damaged	265.50	265.50 /
Rear tail lamp lower garnish @\$115.80 / Def	1	lh bent	115.80	115.80 /
Rear tail lamp lower garnish bracket lh X SVC	1	bent	41.90	41.90 X
Rear end panel outer X R	1	repair	750.60	0.00
Rear end panel inner X R	1	repair	445.80	0.00
Rear spare tyre bracket X SVC	1	distorted	398.50	398.50 X

Sub- Total cost

Percentage discount : 25%

Sub-Total costs for parts

5982.30	4209.00
1495.58	1052.25
4486.73	3156.75

3,464.60
- 25%
2,598.45

Special Nett Items:

Rear bumper clips / Nec	1 set	necessary	40.00	40.00 /
Tail gate sticker 8 pax / Nec	1	necessary	20.00	20.00 /
Tail gate sticker 70km/h / Nec	1	necessary	20.00	20.00 /
Tail gate windscreen sealant / Nec	1	necessary	50.00	50.00 /
Reverse sensor / short	1	malfunction	250.00	250.00 200

Sub-Total costs for parts

380.00	380.00
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330

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Parts Repair

*	*	*	0.00	0.00
<i>Sub- Total costs</i>			0.00	0.00
<i>Total costs for parts</i>			4866.73	3536.75

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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	22	\$ 990.00
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 600.00
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 40.00
Wiring and bulb checking	\$ 45.00	0.5	\$ 22.50
Remove and refix tailgate rear windscreen glass. (2-man job)	\$ 45.00	3	\$ 135.00
Remove and replace rear bumper reverse sensor & conduct distance safety setting.	\$ 45.00	1.7	\$ 76.50
Transfer of existing tailgate mechanism to new tailgate	\$ 45.00	1.8	\$ 81.00
Total labour cost			\$ 1,945.00

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.

Repair day 4 days

2/5
\$ 3,550
4 days

2,598.45
330
1,527.50
4,455.95
- 20%
3,564.76

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Section C: Summary Table of Total Repair Cost

Description		Cost	
Damaged Parts Assessment (See section A)		\$3,536.75	
		\$707.35	
Further discount	20%		
Recommended cost of parts		\$2,829.40	(1)
Labour Cost Calculation (See section B)		\$1,945.00	(2)
Total Repair Cost (Round off to hundred)		\$4,700.00	(1) + (2)

We would recommend a sum of \$4,700.00 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

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