

Our reference: 21-7104

Date: 18/12/2020

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

Dear Sirs

RE: Road Traffic Accident on 7/12/2020
Richard Lim Wee Liat

In accordance with your instructions received in this office on **8/12/2020**, we made arrangements to examine the vehicle on **8/12/2020** at above-mentioned address. The following data was recorded:

Vehicle details

Make	Mitsubishi	Registration	SF55671J
Model	Lancer	Chassis	JMYSTCY4A8U001191
Colour	Red	Gearbox	Auto
Odometer	232841km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

Tyre Depths

Front left	225/40R18	85% Dayton
Front right	225/40R18	85% Dayton
Rear left	225/40R18	85% Falken
Rear right	225/40R18	85% Falken

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 **\$7,300.00** 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.

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Section A: Damaged Parts Assessment

Part's Description	Qty	Condition As inspected	Repairer's Estimate	Our Adjustment
List Items :				
Boot lid	1	bent	689.80	689.80
Boot lid weatherstrip	1	abrade//nec	162.50	162.50
Boot lid inner trim	1	crumpled	166.80	166.80
Boot lid reflector @\$235.00	2	holder damaged	470.00	470.00
Boot lid sensor lock	1	malfunction/jammed	311.00	311.00
Boot lid lower lock	1	distorted	21.00	21.00
Rear number plate lamp @\$48.20	2	broken	96.40	96.40
Rear bumper	1	deformed	732.00	732.00
Rear bumper top beam	1	bent	133.00	133.00
Rear bumper reinforcement	1	bent	398.50	398.50
Rear bumper tow cover	1	damaged	39.00	39.00
Rear bumper reflector \$78.00	2	broken	156.00	156.00
Rear bumper side retainer @\$35.90	2	necessary	71.80	71.80
Rear end panel	1	bent	612.40	612.40
Rear end panel top garnish	1	deformed	155.00	155.00
Rear silencer box	1	bent/dented	678.70	678.70
Rear silencer chrome pipe	1	damaged	228.90	228.90
Rear fender inner trim @\$203.50	2	torn/crumpled	407.00	407.00
Tail lamp @\$369.50	2	damaged	739.00	739.00
Tail lamp panel @\$120.00	2	repair	240.00	0.00
Rear exhaust pipe insulator	1	crumpled	110.00	110.00
Rear exhaust mounting @\$31.00	2	snapped	62.00	62.00
Rear spare tyre floor panel	1	repair	895.00	0.00
Rear spare tyre floor panel top board	1	fractured	287.90	287.90

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Rear fender lh	1	repair.respray	895.20	0.00
Sub- Total cost			8758.90	6728.70
Percentage discount : 10%			875.89	672.87
Sub-Total costs for parts			7883.01	6055.83

Special Nett Items:

Rear bumper clip @\$5.00	10	necessary	50.00	50.00
Rear number plate casing	1	broken	59.00	59.00
Rear number plate	1	bent	50.00	50.00
Rear reverse sensor	1	malfunction	250.00	220.00
Rear number plate	1	bent	50.00	50.00
Rear spare tyre floor panel insulation (touch-up)	1	necessary	80.00	80.00
Rear end panel top garnish clips @\$5.00	2	necessary	10.00	10.00
Rear end panel sealant	1	necessary	50.00	50.00
Sub-Total costs for parts			599.00	569.00

Parts Repair

*	*	*	0.00	0.00
Sub- Total costs			0.00	0.00
Total costs for parts			8482.01	6624.83

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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	23	\$ 1,035.00
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 1,100.00
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 80.00
Remove and replace rear exhaust system	\$ 45.00	2	\$ 90.00
Remove and replace rear bumper reverse sensor & conduct distance safety setting.	\$ 45.00	1.7	\$ 76.50
Remove and refix upholstery to facilitate the repair works	\$ 45.00	2	\$ 90.00
Conduct water leak test for rear portion associated repair works	\$ 45.00	1	\$ 45.00
Wiring / bulb checking (inclusive of re-focus / re-adjust on angle of light intensity.)	\$ 45.00	0.8	\$ 36.00
Total labour cost			\$ 2,552.50

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)		\$6,624.83
Labour Cost Calculation (See section B)		\$2,552.50
Total cost		\$9,177.33
Further discount	20%	\$1,835.47
Total Repair Cost		\$7,300.00

We would recommend a sum of \$7,300.00 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)

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