

Our reference: 21-7145

Date: 5/1/2021

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

Dear Sirs

RE: Road Traffic Accident on 15/12/2020
Ng Sok Ing

In accordance with your instructions received in this office on **17/12/2020**, we made arrangements to examine the vehicle on **17/12/2020** at above-mentioned address. The following data was recorded:

Vehicle details

Make	Nissan	Registration	SJM3421L
Model	Latio	Chassis	JN1BAAC11Z0020848
Colour	Gold	Gearbox	Auto
Odometer	108408km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

Tyre Depths

Front left	195/65R15	85% Michelin
Front right	195/65R15	85% Michelin
Rear left	195/65R15	85% Michelin
Rear right	195/65R15	85% Michelin

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 **\$5,500.00** and **9** 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
Nett Items:				
Boot lid ✓	1	buckled	798.80	798.80 ✓
Rear bumper ✓	1	deformed	598.70	598.70 456.3
Rear bumper sponge ✓	1	compressed	35.60	35.60 ✓
Rear bumper bracket @\$45.90 X SVC	2	damaged	91.80	91.80 X
Rear bumper side retainer @\$35.20 ✓	2	necessary	70.40	70.40 50
Rear end panel ✓	1	bent	521.00	521.00 434.2
Rear floor panel	1	repair	985.20	0.00
Rear floor panel board ✓	1	damaged	421.50	421.50 ✓
Boot lid top lock ✓	1	jammed/bent-in	121.50	121.50 ✓
Boot lid lower lock X SVC	1	distorted	50.60	50.60 X
Boot lid weather strip ✓	1	ripped	98.00	98.00 ✓
Boot lid logo ✓	1	necessary	45.60	45.60 ✓
Boot lid emblem 'LATIO' ✓	1	necessary	56.20	56.20 ✓
Boot lid outer chrome garnish ✓	1	bent	298.50	298.50 257.4
Tail lamp @\$249.40 ✓	2	rh cracked lh holder broken	498.80	498.80 ✓
Tail lamp panel @\$165.20	2	repair	330.40	0.00
Rear end panel top garnish ✓	1	deformed	99.00	99.00 ✓
Rear fender splashield rh X SVC	1	damaged	35.40	35.40 X
Rear exhaust pipe Repair	1	rebuilt	446.40	0.00
Rear fender @\$854.50	2	repair.respray	1709.00	0.00
Sub- Total cost			7312.40	3841.40 3372.9
Percentage discount : 10%			731.24	384.14
Sub-Total costs for parts			6581.16	3457.26 3035.61

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Special Nett Items:

Tail lamp clips @\$4.50 ✓	2	necessary	9.00	9.00	
Rear end panel top garnish clips @\$4.50 ✓	2	necessary	9.00	9.00	
Rear reverse sensor ✓	set	malfunction	280.00	220.00	
Rear bumper clips ✓	set	necessary	50.00	50.00	30
Rear end panel sealant ✓	1	necessary	40.00	40.00	
Boot lid keyless sensor ✓	1	damaged/malfunction	265.00	265.00	150
Rear bumper top sticker X NC	1	necessary	220.00	220.00	
Sub-Total costs for parts			873.00	813.00	458

Parts Repair

*	*	*	0.00	0.00	
Sub- Total costs			0.00	0.00	
Total costs for parts			7454.16	4270.26	

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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	24	\$ 1,080.00	600
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 1,200.00	800
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 100.00	60
Transfer of existing boot lid to new boot lid and refit the same	\$ 45.00	1	\$ 45.00	✓
Conduct water leak test for rear portion associated repair works	\$ 45.00	1	\$ 45.00	×
Remove and rebuilt 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	40
Wiring / bulb checking (inclusive of re-focus / re-adjust on angle of light intensity.)	\$ 45.00	0.8	\$ 36.00	30
Total labour cost			\$ 2,672.50	1665

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.

5158.61

-20%: 4100

6 Days

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Section C: Summary Table of Total Repair Cost

Description		Cost
Damaged Parts Assessment (See section A)		\$4,270.26
Labour Cost Calculation (See section B)		\$2,672.50
Total cost		\$6,942.76
		\$1,388.55
Further discount	20%	
Total Repair Cost		\$5,500.00

We would recommend a sum of **\$5,500.00** and **9** 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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