

Our reference: 20-11-9578

Date: 10/11/2020

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

Dear Sirs

**RE: Road Traffic Accident on 10/10/2020
Platinum Wines & Spirits Pte Ltd**

In accordance with your instructions received in this office on **14/10/2020**, we made arrangements to examine the vehicle on **14/10/2020** at above-mentioned address. The following data was recorded:

Vehicle details

Make	Nissan	Registration	GBD1158C
Model	Cabstar	Chassis	JN1SC2F24Z0855868
Colour	Silver	Gearbox	Manual
Odometer	225376km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

Tyre Depths

Front left	195R15	85% Linam
Front right	195R15	85% Linam
Rear left	165R13C	85% Delium
Rear right	165R13C	85% Delium

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 **\$9,100.00** 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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- Impact Analysis Academy Pte Ltd
- IA Racking Solutions Pte Ltd
- IA Accounting & Consultancy Pte Ltd
- Infoknights International Services (Philippines)
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Section A: Damaged Parts Assessment

Part's Description	Qty	Condition As inspected	Repairer's Estimate	Our Adjustment
Nett Items:				
Front bumper	1	garzed/deformed	675.50	675.50
Front corner panel rh	1	bent	223.50	223.50
Headlamp rh	1	broken	652.10	652.10
Headlamp lower apron rh	1	damaged	75.80	75.80
Front door rh	1	bent/warped	1854.50	1854.50
Front door signal lamp rh	1	broken	41.00	41.00
Front door hinge @\$75.00 rh	2	distorted	150.00	150.00
Front door inner lock rh	1	jammed/damaged	205.50	205.50
Front door check link rh	1	bent	98.00	98.00
Front door weatherstrip rh	1	ripped/nec	205.00	205.00
Front door window gear regulator rh	1	bent	166.00	166.00
Front door step garnish rh	1	punched/damaged	166.00	166.00
Front door step panel rh	1	repair	275.50	0.00
Front door air vent rh	1	damaged	75.20	75.20
Side mirror holder garnish rh	1	deep-cut	78.60	78.60
Side mirror bracket rh	1	distorted	163.40	163.40
Front door inner board rh	1	deformed	542.00	542.00
Front widnscreen pillar "A"	1	repair	355.60	0.00
Front wheel arc panel rh	1	repair	458.90	0.00
Front door frame (rear) rh	1	dented/bent	352.00	352.00
Front lower arm rh	1	bent	298.00	298.00
Front shock absorber rh	1	bent	233.00	233.00
Front knuckle arm rh	1	bent	421.00	421.00

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Front knuckle bearing rh	1	necessary	155.00	155.00
Sub- Total cost			7921.10	6831.10
Percentage discount : 10%			792.11	683.11
Sub-Total costs for parts			7128.99	6147.99

Special Nett Items:

Box frame rh	1	bent	420.00	420.00
Box sliding door rh	1	bent	1600.00	1600.00
Front trye rim rh	1	cut/damaged	450.00	450.00
Front door LTA sticker rh	1	necessary	40.00	40.00
Sub-Total costs for parts			2510.00	2510.00

Parts Repair

*	*	*	0.00	0.00
Sub- Total costs			0.00	0.00
Total costs for parts			9638.99	8657.99

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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	29	\$ 1,305.00
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 1,000.00
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 50.00
Transfer of existing front door mechanism to new door rh	\$ 45.00	2	\$ 90.00
Remove and refix front undercarriage works rh	\$ 45.00	5	\$ 225.00
Specialist charges - Wheel alignment	-	-	\$ 60.00
Wiring / bulb checking (inclusive of re-focus / re-adjust on angle of light intensity.)	\$ 45.00	0.8	\$ 36.00
Total labour cost			\$ 2,766.00

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.

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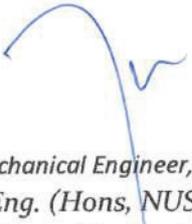
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Section C: Summary Table of Total Repair Cost

Description		Cost
Damaged Parts Assessment (See section A)		\$8,657.99
Labour Cost Calculation (See section B)		\$2,766.00
Total cost		\$11,423.99
<i>Further discount</i>	20%	\$2,284.80
Total Repair Cost		\$9,100.00

We would recommend a sum of \$9,100.00 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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