

Our reference: 22-2007

Date: 20/1/2022

c/o Assure Auto Assist Pte Ltd
23 Tuas Avenue 18
Singapore 638902

Dear Sirs

**RE: Road Traffic Accident on 02-01-2022
AA Feng Enterprise**

In accordance with your instructions received in this office on **04-01-2022**, we made arrangements to examine the vehicle on **04-01-2022** at above-mentioned address. The following data was recorded:

Vehicle details

Make	Nissan	Registration	GBC2720C
Model	Cabstar	Chassis	JN1SC2F24Z0850173
Colour	Sliver	Gearbox	Manual
Odometer	226261km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

Tyre Depths

Front left	195R15	85% Wind force
Front right	195R15	85% Wind force
Rear left	165R13	85% Road march
Rear right	165R13	85% Road march

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 \$17,200.00 and 12 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:				
Front bumper	1	crushed	675.50	675.50
Front radiator grille	1	missing	412.50	412.50
Front panel	1	damaged	1583.60	1583.60
Front door @\$1696.40	2	warped/bent	3392.80	3392.80
Front door trim baord @\$755.90	2	reuse	1511.80	0.00
Front door pillar outer @\$1157.10	2	repair	2314.20	0.00
Front corner panel rh	1	bent	477.60	477.60
Front bumper bracket @\$210.10	2	bent	420.20	420.20
Front panel emblem Cabstar	1	necessary	110.00	110.00
Front windscreen glass	1	shattered	1325.60	1325.60
Front windscreen glass rubber	1	necessary	275.80	275.80
Front wiper arm @\$123.50	2	damaged	247.00	247.00
Front wiper blade	1	damaged	180.00	180.00
Front wiper motor	1	ceased	296.78	296.78
Front wiper panel	1	crushed	558.90	558.90
Front wiper linkage	1	bent	233.00	233.00
Head lamp @\$458.50	2	broken	917.00	917.00
Head lamp garnish rh	1	broken	99.00	99.00
Front side mirror assy rh	1	broken.missing	311.00	311.00
Aircon pipe	set	broken	524.80	524.80
Aircon blower	1	crushed	854.70	854.70
Aircon condenser	1	bent	1024.00	1024.00
Radiator	1	bent	1254.80	1254.80
Radiator fan cowling assy	1	damaged	325.50	325.50
Dashboard	1	deformed	658.90	658.90
Front bumper reinforcement	1	crushed	521.00	521.00
Front side mirror panel @\$175.20	2	missing	350.40	350.40
Front chassis @\$852.00	2	re-straghten	1704.00	0.00
Sub- Total costs			22560.38	17030.38
Percentage discount : 10%			2256.04	1703.04
Sub-Total costs for parts			20304.34	15327.34

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Special Nett Items:

Front number plate	1	broken	50.00	50.00
Front door LTA sticker @\$40.00	2	necessary	80.00	80.00
Front windscreen sealant	1	necessary	60.00	60.00
Front windscreen ERP Unit	1	necessary	165.00	165.00
Radiator coolant	1	necessary	60.00	60.00
Sub-Total costs for parts			415.00	415.00

Parts Repair

	*	*	0.00	0.00
Sub- Total costs			0.00	0.00
Total costs for parts			20719.34	15742.34

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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	39	\$ 1,755.00
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 1,400.00
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 100.00
Remove / replace front windscreen glass (2-man job)	\$ 45.00	3.5	\$ 157.50
Remove / replace aircon condenser and refill aircon gas	\$ 45.00	2.5	\$ 112.50
Remove / refix radiator, top up coolant & conduct pressure test	\$ 45.00	2	\$ 90.00
Remove and refix front cabin to facilitate the repair	*	*	\$ 300.00
Transfer of existing front door mechanism to new door. (2nos)	\$ 45.00	4	\$ 180.00
Specialist charges - Conduct front chassis alignment	-	-	\$ 250.00
To remove and refix dashboard and internal wiring	\$ 45.00	5	\$ 225.00
Wiring and bulb checking	\$ 45.00	1	\$ 45.00
	Total labour cost		\$ 4,615.00

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.

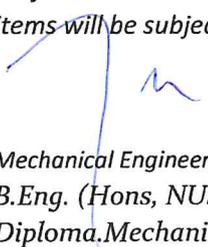
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Section C: Summary Table of Total Repair Cost

Description		Cost	
Damaged Parts Assessment (See section A)		\$15,742.34	
<i>Further discount</i>	20%	\$3,148.47	
Recommended cost of parts replacement		\$12,593.87	(1)
Labour Cost Calculation (See section B)		\$4,615.00	(2)
Total Repair Cost (Round off to hundred)		\$17,200.00	(1) + (2)

We would recommend a sum of \$17,200.00 and 12 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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