

Our reference: 21-7044

Date: 23/12/2020

c/o Triple-T Automobile
Blk 6 Defu Lane 10
#01- 556
Singapore 539187

Dear Sirs

RE: Road Traffic Accident on 26/9/2020
Foodnostic Pte Ltd

In accordance with your instructions received in this office or **2/11/2020**, we made arrangements to examine the vehicle on **2/11/2020** at above-mentioned address. The following data was recorded:

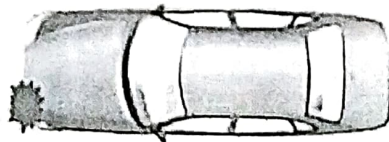
Vehicle details

Make	Misubishi	Registration	YP6S25H
Model	Canter FEB21CR3SDE	Chassis	FEB21CA20053
Colour	White	Gearbox	Auto
Odometer	139279km	Paintwork	Good
Steering	Good	Brakes	Good
Condition	Good		

Tyre Depths

Front left	•	•
Front right	•	•
Rear left	•	•
Rear right	•	•

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 **\$51,400.00** and **30** 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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Our reference 21-7044

Date 23/12/2020

Page 2

Section A: Damaged Parts Assessment

Part's Description	Qty	Condition As Inspected	Repairer's Estimate	Our Adjustment
List Items:				
Front bumper /	1	damaged	961.54	961.54 /
Front bumper side @\$285.50 /	2	damaged	571.00	571.00 /
Front bumper bracket @\$175.80 /	2	damaged	351.60	351.60 /
Front bumper cross member X SVC	1	damaged	721.50	721.50 X
Head lamp @\$652.30 < LH / LPA	2	damaged	1304.60	1304.60 501.41
Side lamp @\$223.47 < RH X SVC	2	damaged	446.94	446.94 223.47
Head lamp lower lamp @\$412.00 X SVC	2	damaged	824.00	824.00 X
Radiator grille /	1	damaged	618.23	618.23 /
Radiator grille logo /	1	necessary	42.50	42.50 /
Radiator grille emblem 'canter' /	1	necessary	85.00	85.00 /
Front panel /	1	damaged	1015.46	1015.46 /
Front panel emblem 'FUSO' /	1	necessary	64.25	64.25 /
Front wiper garnish (white) /	1	damaged	425.00	425.00 /
Front windscreen rubber /	1	necessary	475.21	475.21 /
Front corner panel lh /	1	damaged	307.09	307.09 /
Front windscreen glass /	1	damaged	1658.70	1658.70 B300
Front side mirror assy lh X SVC	1	damaged	689.80	689.80 X
Front door @\$1754.50 < LH / BNC	2	damaged	3509.00	3509.00 1754.5
Front door weatehrstrip @\$233.00 < RH X SVC	2	damaged	466.00	466.00 233
Front door inner lock @\$298.75 < LH / BT	2	damaged	597.50	597.50 298.75
Front door hinge @\$98.00 lh < RH X SVC	2	damaged	196.00	196.00 98
Front door inner board @\$411.00 < LH / BT	1	damaged	822.00	822.00 411
Front door lower garnish lh /	1	damaged	144.00	144.00 /
Front door garnish inner rubber lh /	1	damaged	85.00	85.00 /
Front door check pin @\$125.00 < LH / BT	2	damaged	250.00	250.00 83.51
Front door air vent lh X SVC	1	damaged	102.00	102.00 X

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Front door window moulding @\$165.00 X	2 SVC	necessary	330.00	330.00 X
Front door window lower moulding @\$144.00 X	2	necessary	288.00	288.00 X
Front door step garnish lh X SVC	1	damaged	188.50	188.50 X
Front door step garnish panel lh X Repair	1	damaged	344.00	344.00 X
Front door step garnish panel bracket lh X SVC	1	damaged	231.00	231.00 X
Front windscreen pillar 'A' lh X Repair	1	damaged	418.52	418.52 X
Front passenger floor panel X Repair	1	damaged	681.10	681.10 X
Aircon condenser	1	damaged	1458.90	1458.90 ✓
Aircon pipes X	set	damaged	720.00	720.00 X
Aircon condenser bracket X SVC	set	damaged	125.00	125.00 X
Aircon duct X	1	damaged	341.00	341.00 X
Aircon casing X	1	damaged	147.50	147.50 X
Aircon blower assy	1	damaged	741.00	741.00 ✓
Aircon dryer X SVC	1	damaged	244.00	244.00 X
Aircon cooling coil	1	damaged	598.80	598.80 ✓
Radiator fan cowling	1	damaged	296.78	296.78 ✓
Dashboard X	1	damaged	854.10	854.10 X
Dashboard underneath cover X SVC	1	damaged	178.00	178.00 X
Dashboard reinforcement X	1	damaged	345.89	345.89 X
Dashboard bracket X	1	damaged	185.40	185.40 X
Wiper tank	1	damaged	175.00	175.00 ✓
Wiper tank motor X	1	damaged	142.00	142.00 X
Fuse box X	1	damaged	485.00	485.00 X
Fuse box wiring X SVC	1	damaged	250.00	250.00 ✓
Fuse box bracket X	1	damaged	110.00	110.00 X
Radiator spare tank X	1	damaged	233.50	233.50 X
Radiator spare tank bracket frame X	1	damaged	214.80	214.80 X
Power steering tank X	1	damaged	189.00	189.00 X
Brake fill oil tank X	1	damaged	175.80	175.80 X
Front cabin (rear panel) X	1	damaged	754.80	754.80 X
Front cabin (rear fender) lh X Repair	1	damaged	589.00	589.00 X

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Front cabin lever X	} SVC	1	damaged	385.90	385.90 X
Front cabin mounting @\$350.00 X		2	damaged	700.00	700.00 X
Driver seat X		1	twisted	854.00	854.00 X
Driver seat mounting bracket X		1	damaged	150.00	150.00 X
Front steering column X		1	damaged	466.00	466.00 X
Front cabin inner lining X		1	damaged	591.00	591.00 X
Front cabin roof top panel		1	repair	1542.00	0.00
Front wheel arc panel lh X repair		1	damaged	398.78	398.78 X
Front wheel arc garnish lh /		1	damaged	168.80	168.80

Sub- Total costs 25%

Percentage discount : 10%

Sub-Total costs for parts

34026.79	32484.79
3402.68	3248.48
30624.11	29236.31

13488.8

1416.6

Special Nett Items:

Freezer box:

Side panel lh /	1	damaged	5620.00	5620.00 1600
Side door lh X SVC	1	damaged	2600.00	2600.00 X
Side door gasket lh X SVC	1	damaged	460.00	460.00 X
Corner guard CD11745x6100mm lh @\$350.00 /	3	damaged	1050.00	1050.00 150
Corner biting CD11746x6100mm lh @\$125.00 /	6	damaged	750.00	750.00 60
Fibreglass end cap model 97 lh /	2	damaged	165.00	165.00 30
Side door external handle E22mm/2010 lh X SVC	1	damaged	412.00	412.00 X
Locking bar with cam lock lh X	1	damaged	653.00	653.00 X
Sealant @\$80.00 X	4	necessary	320.00	320.00 X
Side door frame lh X	1	damaged	812.50	812.50 X
Labour charge for freezer box repair/Installation	*	*	*	*

* see labour calculation

Front number plate /	1	damaged	50.00	50.00 10
Brake oil X	1	necessary	150.00	150.00 X
Power steering oil X SVC	1	necessary	150.00	150.00 X
Front windscreen sealant /	1	necessary	80.00	80.00 40

Sub-Total costs for parts

13272.50	13272.50
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1890

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Practicing Management Consultant (PMC) of SBACC
Approved Training Organisation (ATO) of Workforce Singapore

No.25 Kaki Bukit Road 4
#06-46 Synergy @KB
Singapore 41780
Hotline: 6385 1171

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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>	43896.61	42508.81

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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 (exclude Installation / repair of freezer box)	*	*	\$ 3,900.00 2000
Freezer Box: To supply labour, material and equipment to replace whole side panel (left) & side door (left), replace side door handle & locking bar, replace aluminium corner guard with bitting, resealed interior and exterior of box with sikaflex, assemble door panel an realignment, final touch up and cleaning			\$ 4,100.00 400
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 1,800.00 1600
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 350.00 80
Remove / replace front windscreen glass (2-man job)	*	*	\$ 200.00 120
Remove / replace aircon condenser and refill aircon gas	*	*	\$ 150.00 80
Remove / refix radiator, top up coolant & conduct pressure test	*	*	\$ 100.00 40
Remove and refix front cabin to facilitate the replacement of cabin mounting. (inclusive of lifting-tools)	*	*	\$ 800.00 X
To remove and replace dashboard and internal wiring	*	*	\$ 280.00 200
Outsource contractor - Towing charges (king rolley) (two trips)	-	-	\$ 240.00 120
Transfer of existing front door mechanism to new door (2 nos)	*	*	\$ 200.00 60
Remove and refix upholstery to facilitate the repair works	*	*	\$ 300.00 80
Specialist charges - Conduct front chassis alignment	-	-	\$ 550.00 X
Wiring / control wiring / bulb checking / commissioning.	*	*	\$ 200.00 30
Total labour cost			\$ 13,170.00

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)		\$42,508.81	
Further discount	10%	\$4,250.88	
Recommended cost of parts		\$38,257.93	(1)
Labour Cost Calculation (See section B)		\$13,170.00	(2)
Total Repair Cost (Round off to hundred)		\$51,400.00	(1) + (2)

We would recommend a sum of \$51,400.00 and 30 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.

(Signature)
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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16816.6
9.9% = 13450
14 Days