

Our reference: 21-7044
Date: 23/12/2020

INVOICE NO. 7044

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

Registration No. **YP6525H**

We enclose our fee note for your kind attention, which remains payable irrespective of the outcome of this case.

S/No.	Description of Services Provided	Qty	Amount
1	Being vehicle damage assessment report, inspection, photographs, transport and miscellaneous.	1	\$ 1,424.00
Total amount			<u>\$ 1,424.00</u>

Please kindly cross all cheques made payable to "Impact Analysis Consultant".

We thank you in anticipation for your prompt payment.



L. L. Tan (Ms)
Principal Consultant

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• IA Accounting & Consultancy Pte Ltd • Infoknights International Services (Philippines) • IABN Pte Ltd
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c/o Triple-T Automobile
Blk 6 Defu Lane 10
#01- 556
Singapore 539187

Dear Sirs

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

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

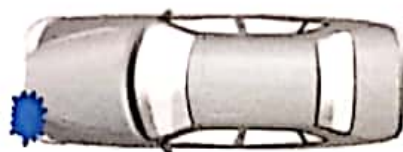
Vehicle details

Make	Misubishi	Registration	YP6525H
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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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	1	damaged	721.50	721.50
Head lamp @\$652.30	2	damaged	1304.60	1304.60
Side lamp @\$223.47	2	damaged	446.94	446.94
Head lamp lower lamp @\$412.00	2	damaged	824.00	824.00
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
Front side mirror assy lh	1	damaged	689.80	689.80
Front door @\$1754.50	2	damaged	3509.00	3509.00
Front door weatehrstrip @\$233.00	2	damaged	466.00	466.00
Front door inner lock @\$298.75	2	damaged	597.50	597.50
Front door hinge @\$98.00 lh	2	damaged	196.00	196.00
Front door inner board @\$411.00	1	damaged	822.00	822.00
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	2	damaged	250.00	250.00
Front door air vent lh	1	damaged	102.00	102.00

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

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Front cabin lever	1	damaged	385.90	385.90
Front cabin mounting @\$350.00	2	damaged	700.00	700.00
Driver seat	1	twisted	854.00	854.00
Driver seat mounting bracket	1	damaged	150.00	150.00
Front steering column	1	damaged	466.00	466.00
Front cabin inner lining	1	damaged	591.00	591.00
Front cabin roof top panel	1	repair	1542.00	0.00
Front wheel arc panel lh	1	damaged	398.78	398.78
Front wheel arc garnish lh	1	damaged	168.80	168.80
Sub- Total costs			34026.79	32484.79
Percentage discount : 10%			3402.68	3248.48
Sub-Total costs for parts			30624.11	29236.31

Special Nett Items:

Freezer box:

Side panel lh	1	damaged	5620.00	5620.00
Side door lh	1	damaged	2600.00	2600.00
Side door gasket lh	1	damaged	460.00	460.00
Corner guard CD11745x6100mm lh @\$350.00	3	damaged	1050.00	1050.00
Corner biting CD11746x6100mm lh @\$125.00	6	damaged	750.00	750.00
Fibreglass end cap model 97 lh	2	damaged	165.00	165.00
Side door external handle E22mm/2010 lh	1	damaged	412.00	412.00
Locking bar with cam lock lh	1	damaged	653.00	653.00
Sealant @\$80.00	4	necessary	320.00	320.00
Side door frame lh	1	damaged	812.50	812.50
Labour charge for freezer box repair/installation	*	*	*	*
<i>* see labour calculation</i>				
Front number plate	1	damaged	50.00	50.00
Brake oil	1	necessary	150.00	150.00
Power steering oil	1	necessary	150.00	150.00
Front windscreen sealant	1	necessary	80.00	80.00
Sub-Total costs for parts			13272.50	13272.50

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Parts Repair

*	*	*	0.00	0.00
Sub- Total costs			0.00	0.00
Total costs for parts			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
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, reconseal interior and exterior of box with sikaflex, assemble door panel an realignment, final touch up and cleaning			\$ 4,100.00
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 1,800.00
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 350.00
Remove / replace front windscreen glass (2-man job)	*	*	\$ 200.00
Remove / replace aircon condenser and refill aircon gas	*	*	\$ 150.00
Remove / refix radiator, top up coolant & conduct pressure test	*	*	\$ 100.00
Remove and refix front cabin to facilitate the replacement of cabin mounting. (inclusive of lifting-tools)	*	*	\$ 800.00
To remove and replace dashboard and internal wiring	*	*	\$ 280.00
Outsource contractor - Towing charges (king rolley) (two trips)	-	-	\$ 240.00
Transfer of existing front door mechanism to new door (2 nos)	*	*	\$ 200.00
Remove and refix upholstery to facilitate the repair works	*	*	\$ 300.00
Specialist charges - Conduct front chassis alignment	-	-	\$ 550.00
Wiring / control wiring / bulb checking / commissioning.	*	*	\$ 200.00
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.


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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