

Assigned By: ed.

CTI

ASSIGNMENT

From

Date:

Estimated Cost:

OD / TP / WS / TP RES / OD RES / EVA / INV / MV

To Inspect Vehicle No:

at Workshop n/s

of

Insured:

Policy No. DMHCSNA00001962000Claims No. SNM20D203585C02

Sum Insured:

Excess:

(Client's Record)

Make of Veh:

(Policy Condition)

Remark: The veh had commenced its repair at the time of inspection.

Bal. or Market Value: \$62k

IDAC Accident Rpt:

Consistent?: Yes or No

GIA / PR Seen:

Consistent?: Yes or No

Est. Repairs:

14

days

Res.: Yes or No

Lum Sum:

%

3 Val.: Yes or No

CA / REV / REP. / 24 HRS

Date:

Person Contacted:

Vehicle: IN / OUT

Veh No:

Y86525H

yr Regn:

13 Jul 2017

Type: M.Car / M.Cycle / Bus / Van / Lorry / Taxi / Prime Mover /

Truck / Trailer or

Make:

MH Canter

C.C.

2998

Colour:

white

A/C:

Insured / Std / NI / NA

Sp. Reading

146576

T/Radio:

Insured / Std / NI / NA

Eng/No:

C/No:

FEB 21CA 200 53

Gen. Cond: Good / Fair / Poor / Burnt

Steering: In order / Jammed / Leaked / Burnt or

Brake: In order / Jammed / Leaked / Burnt or

Modi: Nil / S/Rim / STD A/Rim or

Tyre Size:

F:

195 / 85 R15

R:

4

BS / DUN / EXNOVA / GY / FS / LIZA / MIC / OHTSU / PIR / SUMI /

TOYO / YOKO or

Front

Rear

Rear

R/Bal.

6

mm

R/Bal.

6

mm

L/Bal.

6

mm

L/Bal.

6

mm

D.O.A.

26-9-20

D.O.I.

09-02-21

Survey held at

W/S5pm

Des. of Damages: Fr / Rear / O/S / N/S / U/C / Rooftop or

The U/C / Chassis frame / Body Structure affected due to collision.

Date / Time

Action / Instruction

cat: 24962

Date/Time, File Pass to?

☐

Preli. Report

15/03 Typist

☐

Final Report

Date/Time, File Return to?

Days Of Repair: 14

Resurvey No. of Trip:

Survey Fee:

Transportation:

S + RS. \$

Photos

Notes

Add Fee:

☐

Site Insp (\$

☐

Interview (\$

☐

Tech. Insp (\$

☐

Other (\$

TR

18100 18800

Impact Analysis Consultant

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

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

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	1	damaged	1304.60	1304.60 558
Side lamp @\$223.47	2	damaged	446.94	446.94 116
Head lamp lower lamp @\$412.00	2	damaged	824.00	824.00 797
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 Bon
Front side mirror assy lh	1	damaged	689.80	689.80 507.1
Front door @\$1754.50	2	damaged	3509.00	3509.00 1754.5
Front door weatehrstrip @\$233.00	2	damaged	466.00	466.00 233
Front door inner lock @\$298.75	2	damaged	597.50	597.50 298.75
Front door hinge @\$98.00 lh	2	damaged	196.00	196.00 98
Front door inner board @\$411.00	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	1	damaged	250.00	250.00 83.51
Front door air vent lh	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	275.6
Front door window lower moulding @\$144.00	X	2	necessary	288.00	288.00	X
Front door step garnish lh	X	1	damaged	188.50	188.50	X
Front door step garnish panel lh	X	1	damaged	344.00	344.00	X
Front door step garnish panel bracket lh	X	1	damaged	231.00	231.00	X
* Front windscreen pillar 'A' lh	X	1	damaged	418.52	418.52	X
Front passenger floor panel	X	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	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	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	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	1	damaged	250.00	250.00	X
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)	/	1	damaged	754.80	754.80	/
Front cabin (rear fender) lh	X	1	damaged	589.00	589.00	X

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Our reference 21-7044

Date 23/12/2020

Front cabin lever X	1	damaged
Front cabin mounting @\$350.00 X SVC	2	damaged
Driver seat X	1	twisted
Driver seat mounting bracket X	1	damaged
Front steering column X	1	damaged
Front cabin inner lining X roof lining	1	damaged
Front cabin roof top panel	1	repair
Front wheel arc panel lh X repair	1	damaged
Front wheel arc garnish lh	1	damaged

Sub-Total costs 25%

Percentage discount: 10%

Sub-Total costs for parts

385.90	385.90 X D
700.00	700.00 X
854.00	854.00 X Local repair
150.00	150.00 X = 114.42
466.00	466.00 X
591.00	591.00 X D 17109.74
1542.00	0.00
398.78	398.78 X D 16513.22
168.80	168.80
34026.79	32484.79
3402.68	3248.48
30624.11	29236.31

Special Nett Items:

Freezer box:		
Side panel lh X SVC	1	damaged
Side door lh X SVC	1	damaged
Side door gasket lh X SVC	1	damaged
Corner guard CD11745x6100mm lh @\$350.00	3	damaged
Corner biting CD11746x6100mm lh @\$125.00	6	damaged
Fibreglass end cap model 97 lh	2	damaged
Side door external handle E22mm/2010 lh X SVC	1	damaged
Locking bar with cam lock lh X	1	damaged
Sealant @\$80.00 X SVC	4	necessary
Side door frame lh X	1	damaged
Labour charge for freezer box repair/Installation	*	*

* see labour calculation

Front number plate	1	damaged	50.00	50.00 10
Brake oil X SVC	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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Date 23/12/2020

Parts Repair

Sub- Total costs
Total costs for parts

0.00	0.00
0.00	0.00
43896.61	42508.81

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Date 23/12/2020

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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 <i>1000</i>
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 <i>4500</i>
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 1,800.00 <i>1600</i>
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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23/12/2020

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
Labour Cost Calculation (See section B)		\$13,170.00
Total Repair Cost (Round off to hundred)		\$51,400.00

(1)

(2)

(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 Automotive 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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23282.3
20% = 1866 18700

19284.91
16816.6 15400

20% = 13450

14 Days