

Our reference: 21-8357

Date: 8/12/2021

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

Dear Sirs

**RE: Road Traffic Accident on 12-10-2021
H Klassic Design Pte Ltd**

In accordance with your instructions received in this office on **29-11-2021**, we made arrangements to examine the vehicle on **29-11-2021** at above-mentioned address. The following data was recorded:

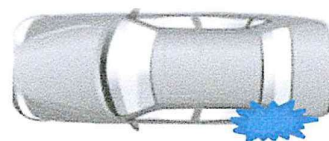
Vehicle details

Make	Fiat	Registration	GBG8690U
Model	Doblo	Chassis	ZFA26300006H31333
Colour	Grey	Gearbox	Auto
Odometer	120376km	Paintwork	Good
Steering	Good	Brakes	Good
Condition	Good		

Tyre Depths

Front left	195/60R16	85% Bridgestone
Front right	195/60R16	85% Bridgestone
Rear left	205/60R16	85% Habilead
Rear right	205/60R16	85% Habilead

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 **\$4,000.00** and **5** working days for repair, which is sufficiently lower than the pre accident value to render the vehicle an economically and physically reliable proposition.

Subsidiaries of Impact Analysis Consultant:

• Impact Analysis Consulting Pte Ltd • Impact Analysis Academy Pte Ltd • IA Racking Solutions Pte Ltd
• IA Accounting & Consultancy Pte Ltd • Infoknights International Services (Philippines) • IABN Pte Ltd
www.iaconsultingsg.com

Our reference 21-8357
Date 8/12/2021
Page 2

Section A: Damaged Parts Assessment

Part's Description	Qty	Condition As inspected	Repairer's Estimate	Our Adjustment
List Items:				
Rear bumper ✓	1	torn.deformed	600.50	600.50 ✓
Rear bumper reinforcement SVC	1	inconsistent	683.48	0.00
Rear bumper side retainer lh ✓	1	damaged.nec	65.10	65.10 ✓
Tail lamp lh ✓	1	cracked	345.40	345.40 ✓
Rear fender lh ✓	1	crushed	1589.00	1589.00 ✓
Sliding door lh Repair	1	repair.respray	2451.00	0.00
Tail lamp panel lh ✓	1	bent	172.10	172.10 ✓
Rear door hinge lh ✓	1	damaged	65.80	65.80 ✓
Rear door lh Repair	1	repair.respray	1758.00	0.00
Rear door emblem "Doblo max" lh ✓	1	necessary	79.80	79.80 ✓
Rear door "90 multijet 2" lh ✓	1	necessary	64.10	64.10 ✓
Rear end panel	1	repair	612.00	0.00
Sub- Total costs			8486.28	2981.80 ✓
Percentage discount : 10%			848.63	298.18
Sub-Total costs for parts			7637.65	2683.62

Special Nett Items:

Rear bumper reverse sensor SVC	set	refix	250.00	0.00
Rear fender sealant lh X SVC	1	necessary	40.00	40.00
Rear door sticker 70km/h lh ✓	1	necessary	15.00	15.00 ✓
Rear bumper clips ✓	10	necessary	60.00	60.00 30
Sub-Total costs for parts			365.00	115.00

Parts Repair

*	*	*	0.00	0.00
Sub- Total costs			0.00	0.00
Total costs for parts			8002.65	2798.62

Our reference 21-8357

Date 8/12/2021

Page 3

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	17	\$ 765.00	700
Putty & Spray painting to adjacent panels. Job allowance. Paint / material. (rear fender lh, sliding door lh, rear bumper, rear door lh)	Sub-contract work.		\$ 850.00	800
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 50.00	✓
Conduct water leak test for rear portion associated repair works	\$ 45.00	1	\$ 45.00	✗
Remove and refix rear reverse sensor & conduct distance safety setting	\$ 45.00	1.7	\$ 76.50	40
Wiring and bulb checking	\$ 45.00	0.8	\$ 36.00	30
Total labour cost			\$ 1,822.50	1620

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.

4348.62

-20%: 3450

5 Days

Our reference 21-8357

Date 8/12/2021

Section C: Summary Table of Total Repair Cost

Description		Cost	
Damaged Parts Assessment (See section A)		\$2,798.62	
Further discount	20%	\$559.72	
Recommended cost of parts		\$2,238.90	(1)
Labour Cost Calculation (See section B)		\$1,822.50	(2)
Total Repair Cost (Round off to hundred)		\$4,000.00	(1) + (2)

We would recommend a sum of \$4,000.00 and 5 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)

Subsidiaries of Impact Analysis Consultant:

• Impact Analysis Consulting Pte Ltd • Impact Analysis Academy Pte Ltd • IA Racking Solutions Pte Ltd
• IA Accounting & Consultancy Pte Ltd • Infoknights International Services (Philippines) • IABN Pte Ltd
www.iaconsulting.sg.com