

Our reference: 21-7779

Date: 30/5/2021

c/o Garage 13 Pte Ltd
8 Kaki Bukit Ave 4
#03-46 Premier@KB
Singapore 415875

Dear Sirs

**RE: Road Traffic Accident on 18/5/2021
96 Car Rental**

In accordance with your instructions received in this office on **19/5/2021**, we made arrangements to examine the vehicle on **19/5/2021** at above-mentioned address. The following data was recorded:

Vehicle details

Make	Mercedes	Registration	SMT9696Z
Model	C180	Chassis	WDD204045A585821
Colour	Grey Matt	Gearbox	Auto
Odometer	139639km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

Tyre Depths

Front left	235/40ZR18	85% Pirelli
Front right	235/40ZR18	85% Pirelli
Rear left	235/40ZR18	85% Pirelli
Rear right	235/40ZR18	85% Pirelli

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 \$12,500.00 and 10 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 :					
Rear bumper (special edition)	1	deformed.torn	1652.20	1652.20	1250
Rear bumper side retainer @\$48.90	2	cracked.nec	97.80	97.80	
Rear bumper lower diffuser	1	deformed.torn	854.00	854.00	554
Rear bumper inner guide center bracket	1	broken	221.30	221.30	182
Rear bumper reinforcement	1	bent	758.90	758.90	625
Rear bumper reinforcement bracket @\$165.00	2	cracked	330.00	330.00	
Rear bumper side lower bracket @\$98.00	2	broken	196.00	196.00	
Rear bumper tow cover	1	missing	42.00	42.00	
Tail lamp @\$732.10 @542	2	rh cracked lh holder broken	1464.20	1464.20	1084
Tail lamp panel @\$221.00	2	lh dented rh repair	442.00	221.00	
Rear fender @\$2450.00	2	repair.respray	4900.00	0.00	
Rear fender top garnish @\$122.50	2	rh cracked lh reuse	245.00	122.50	
Rear fender inner trim @\$325.20	2	deformed	650.40	650.40	
Bootlid	1	crushed	2258.00	2258.00	1455
Bootlid logo	1	necessary	85.00	85.00	
Bootlid hinge @\$110.50	2	distorted	221.00	221.00	Xnn
Boot lid hinge cover @\$102.00	2	deformed	204.00	204.00	Xnn
Bootlid upper lock	1	ebnt-in.jammed	225.00	225.00	
Bootlid weatherstrip	1	ripped.nec	234.10	234.10	197,50
Rear end panel	1	crushed	785.20	785.20	
Rear end panel top garnish	1	deformed	288.50	288.50	198
Rear number plate inner garnish	1	cracked	144.00	144.00	Xnn
Rear number plate garnish	1	cracked	195.00	195.00	Xnn
Rear number plate strip	1	broken	98.60	98.60	
Rear spare tyre holder	1	cracked	99.00	99.00	
Rear spare tyre panel top cover	1	damaged	302.50	302.50	230

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Rear spare tyre panel	1	repair	1012.00	0.00	
	Sub- Total cost		18005.70	11750.20	8728
	Percentage discount : 10%		1800.57	1175.02	7855.20
	Sub-Total costs for parts		16205.13	10575.18	

Special Nett Items:

Rear number plate	1	serviceable	50.00	0.00	
Rear number plate casing	1	cut	65.30	65.30	30
Rear end panel sealant	1	necessary	40.00	40.00	
Reverse sensor 4 pcs (original)	4	malfunction	352.00	352.00	
Rear bumper clips	set	necessary	55.00	55.00	40
Rear end panel top garnish clips	set	necessary	20.00	20.00	
Rear exhaust tip (AMG) @\$280.00	4	damaged.bent	1120.00	1120.00	
	Sub-Total costs for parts		1702.30	1652.30	1602

Parts Repair

*	*	*	0.00	0.00	
	Sub- Total costs		0.00	0.00	
	Total costs for parts		17907.43	12227.48	

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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.	\$ 45.00	27	\$ 1,215.00	1000
Putty & Spray painting to adjacent panels. Job allowance. Paint / material (special paint Matt) (rear fender lh/rh, boot lid, rear bumper)	Sub-contract work.		\$ 1,750.00	1500
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 80.00	60
Remove and refix upholstery to facilitate repair of rear floor panel	\$ 45.00	1	\$ 45.00	
Transfer boot lid mechanism	\$ 45.00	1.7	\$ 76.50	60
Conduct water leak test for rear portion associated repair works	\$ 45.00	1.5	\$ 67.50	40
Remove and replace rear exhaust tip (4nos)	\$ 45.00	1.8	\$ 81.00	60
Remove and replace rear reverse sensor	\$ 45.00	1.8	\$ 81.00	40
Wiring / bulb checking (inclusive of re-focus / re-adjust on angle of light intensity.)	\$ 45.00	1.5	\$ 67.50	40
Total labour cost			\$ 3,463.50	2845

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)		\$12,227.48
Labour Cost Calculation (See section B)		\$3,463.50
Total cost		\$15,690.98
Lump sum repair		
Further discount	20%	\$3,138.20
Total Repair Cost		\$12,500.00

7855.20
1602
2845
12302.20
1/s\$9800
9 days

We would recommend a sum of \$12,500.00 and 10 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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