

Our reference: 22-2084

Date: 8/2/2022

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

Dear Sirs

**RE: Road Traffic Accident on 2022-01-23
Lim Yi Da Shaun**

In accordance with your instructions received in this office on **2022-01-25**, we made arrangements to examine the vehicle on **2022-01-25** at above-mentioned address. The following data was recorded:

Vehicle details

Make	BMW	Registration	SKD3630K
Model	335i	Chassis	WBADX72040E668399
Colour	Yellow	Gearbox	Auto
Odometer	130847km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

Tyre Depths

Front left	235/35ZR19	85% Michelin
Front right	235/35ZR19	85% Michelin
Rear left	265/30ZR19	85% Michelin
Rear right	265/30ZR19	85% Michelin

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 **\$9,800.00** and **6** 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	broken	1342.10	1342.10
Front bumper side retainer rh ✓	1	damaged	41.00	41.00
Front bumper nozzle cover @\$39.50 ✓	2	missing	79.00	79.00
Front bumper fog lamp garnish rh ✓	1	damaged	155.00	155.00
Front bumper emblem 335i ✓	1	necessary	61.00	61.00
Front bumper inner side bracket rh ✓	1	damaged	154.70	154.70
Front fender signal lamp garnish rh ✓	1	necessary	77.00	77.00
Front fender inner shield rh ✓	1	torn	166.00	166.00
Front fender air vent rh ✓	1	broken	121.00	121.00
Headlamp @\$2014.78 ✓	2	rh defaced lh broken	4029.56	4029.56
Headlamp bracket @\$122.85 ✓	2	broken	245.70	245.70
Front radiator grille @\$288.40 ✓	2	broken	576.80	576.80
Bonnet	1	repair.respray	1457.80	0.00
Sub- Total cost			8506.66	7048.86
Percentage discount : 5%			425.33	352.44
Sub-Total costs for parts			8081.33	6696.42

Special Nett Items:

Front bumper clips ✓	set	necessary	55.00	55.00 ✓
Front bumper lower lip ✓	1	broken	1240.00	1240.00 800
Front radiator clips ✓	set	necessary	30.00	30.00 ✓
Front fender rh *aftermarket ✓	1	broken	1489.00	1489.00 1200
Bonnet racing sticker ✓	1	necessary	480.00	480.00 250
Front tyre rim rh * check alignment X SVC	1	refinish	750.00	150.00
Sub-Total costs for parts			4044.00	3444.00 2335

Parts Repair

*	*	*	0.00	0.00
Sub- Total costs			0.00	0.00
Total costs for parts			12125.33	10140.42

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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	18	\$ 810.00	500
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 1,000.00	800
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 50.00	✓
Specialist charges - Check/Dignostic and reprogramming			\$ 200.00	✗
Specialist charges - Wheel alignment	-	-	\$ 60.00	✗
Wiring / bulb checking (inclusive of re-focus / re-adjust on angle of light intensity.)	\$ 45.00	1	\$ 45.00	30
Total labour cost			\$ 2,165.00	1380

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.

10411.42

-20%: 8300

4 Days

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Section C: Summary Table of Total Repair Cost

Description		Cost
Damaged Parts Assessment (See section A)		\$10,140.42
Labour Cost Calculation (See section B)		\$2,165.00
Total cost		\$12,305.42
Lump sum repair		\$2,461.08
Further discount	20%	
Total Repair Cost		\$9,800.00

We would recommend a sum of \$9,800.00 and 6 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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