



Proforma Ref No : G13/23091

Accident Date : 24/6/2022

Payment by cheque should be crossed and made payable to 'Garage 13 Pte Ltd'



Authorised Signature

Our reference: 22 - 170881

Date: 12/07/2022

INVOICE NO. 170881

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

Registration No. **EL7711M**

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	\$ 652.00
Total amount			<u><u>\$ 652.00</u></u>

Please kindly cross all cheques made payable to " Impact Analysis Consulting Pte Ltd ".

We thank you in anticipation for your prompt payment.



L. L. Tan (Ms)
Principal Consultant

Our reference: 22 - 170881

Date: 12/07/2022

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

Dear Sirs

RE: Road Traffic Accident on 24-06-2022
Kee Kay Leong

In accordance with your instructions received in this office on **28-06-2022**, we made arrangements to examine the vehicle on **28-06-2022** at above-mentioned address. The following data was recorded:

Vehicle details

Make	Nissan	Registration	EL7711M
Model	QASHQAI 2.0 CVT ABS D/AIRBAG 2WD 5DR S/R	Chassis	SJNFBAJ11U1778271
Colour	Red	Gearbox	Auto
Odometer	176499km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

Tyre Depths

Front left	235/50ZR19	85% Rotalla
Front right	235/50ZR19	85% Rotalla
Rear left	235/50ZR19	85% Rotalla
Rear right	235/50ZR19	85% Rotalla

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 **\$6,300.00** and **7** 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	deformed	717.00	717.00
Front bumper side retainer rh	1	cracked	38.50	38.50
Front foglamp finisher rh	1	refix	102.00	0.00
Front foglamp rh	1	refix	298.66	0.00
Front fender rh	1	distorted	588.00	588.00
Front fender outer arch garnish rh	1	deformed	296.00	296.00
Front fender inner shield rh	1	torn	125.00	125.00
Bonnet	1	repair.respray	984.50	0.00
Headlamp rh	1	cracked	1225.00	1225.00
Front radiator grille c/w chrome moulding	1	holder broken	396.00	396.00
Front lower arm rh	1	bent	271.00	271.00
Front knuckle arm rh	1	bent	481.94	481.94
Front wheel hub and bearing rh	1	necessary	247.33	247.33
Front linkage rh	1	bent	98.00	98.00
Front shock absorber rh	1	bent	493.85	493.85
Sub- Total cost			6362.78	4977.62
Percentage discount : 10%			636.28	497.76
Sub-Total costs for parts			5726.50	4479.86

Special Nett Items:

Front bumper clips	set	necessary	50.00	50.00
Front radiator grille clip	set	necessary	15.00	15.00
Front tyre rh	1	refix	290.00	0.00
Front rim rh	1	bent	980.00	980.00
Front fender inner shield clip rh	set	necessary	30.00	30.00
Sub-Total costs for parts			1365.00	1075.00

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Parts Repair

Front door rh - slightly dented

1	repair.respray	0.00	0.00
Sub- Total costs		0.00	0.00
Total costs for parts		7091.50	5554.86

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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	20	\$ 900.00
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 900.00
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 50.00
Specialist charges - Wheel alignment	-	-	\$ 60.00
Remove and replace front undercarriage work rh	\$ 45.00	5	\$ 225.00
Specialist charges - Check/Diagnostic and reprogramming	-	-	\$ 200.00
Wiring / bulb checking (inclusive of re-focus / re-adjust on angle of light intensity.)	\$ 45.00	0.8	\$ 36.00
Total labour cost			\$ 2,371.00

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)		\$5,554.86
Labour Cost Calculation (See section B)		\$2,371.00
Total cost		\$7,925.86
Lump Sum		\$1,585.17
Further discount	20%	
Total Repair Cost		\$6,300.00

We would recommend a sum of \$6,300.00 and 7 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)

































































