

Our reference: 22 - 170533

Date: 14.04.2022

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

Dear Sirs

RE: **Road Traffic Accident on 26.03.2022**  
**Kelly Tan Siok Ni**

In accordance with your instructions received in this office on **28.03.2022**, we made arrangements to examine the vehicle on **28.03.2022** at above-mentioned address. The following data was recorded:

### Vehicle details

Make	Toyota	Registration	SLR2303B
Model	Lexus GS450H CVT	Chassis	JTHBS1BL505002599
Colour	Black	Gearbox	Auto
Odometer	174135km	Paintwork	Fair
Steering	In order	Brakes	In order
Condition	Fair		

### Tyre Depths

Front left	235/45ZR18	85% Yokohama
Front right	235/45ZR18	85% Yokohama
Rear left	235/45ZR18	85% Yokohama
Rear right	235/45ZR18	85% Yokohama

### 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 \$9,200.00 and 8 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
<b>List Items :</b>				
Rear bumper	1	deformed	1422.50	1422.50 930 ✓
Rear bumper side retainer rh	1	cracked	50.50	50.50 ✓
Rear bumper side retainer verticle rh	1	cracked	58.40	58.40 ✓
Rear bumper side support bracket rh	1	cracked	59.20	59.20 ✓
Rear bumper reflector rh	1	broken	38.00	38.00 ✓
Rear bumper lower lip	1	deformed	366.50	366.50 ✓
Rear bumper lower lip side extension rh	1	deformed	142.50	142.50 ✓
Rear bumper tow cover	1	missing	31.20	31.20 ✓
Rear bumper reinforcement	1	bent	794.00	794.00 488 ✗
Rear bumper sponge	1	torn	127.20	127.20 ✓
Rear bumper sensor @\$325.50	<del>4</del> 1	2pcs malfunction	1302.00	651.00 325.50 ✓
Rear bumper sensor ECU with bracket rh	1	dented.malfunction	684.00	684.00 ✗ nn
Rear fender rh	1	buckled	1688.90	1688.90 ✓
Rear fender inner trim board rh	1	deformed	445.80	445.80 ✗ nn
Rear fender air vent rh	1	deformed	28.00	28.00 ✗ nn
Rear fender inner shield rh	1	refix	183.00	0.00 ✗ nn
Tail lamp rh	1	broken	680.00	680.00 ✓
Tail lamp bracket rh	1	broken	38.00	38.00 ✓
Tail lamp panel rh	1	distorted	284.50	284.50 ✓
Boot lid	1	repair.respray	1388.00	0.00 ✗ R
Boot lid inner trim	1	refix	285.80	0.00 ✗ nn
Boot lid lamp rh	1	defaced.holder fractured	570.20	570.20 ✗ nn
Boot lid emblem "GS 450H"	1	necessary	72.40	72.40 ✓
Boot lid emblem "LEXUS"	1	necessary	62.30	62.30 ✓
Boot lid emblem LOGO	1	necessary	56.40	56.40 ✓
Boot lid lock	1	check.serviceable	326.00	0.00 ✗ nn
Boot lid weatherstrip	1	deformed	156.20	156.20 ✗ nn
Rear exhasut silencer - refer to labour cost	1	rebuild	1980.00	0.00 ✗ nn

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

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Rear end panel	1	distorted	620.80	620.80	✓
Rear end panel top garnish	1	refix	205.80	0.00	✗ nn
Rear floor panel side sponge rh	1	cut	84.00	84.00	✗ nn
Rear floor panel side trim tool holder rh	1	cracked	142.30	142.30	✗ nn
<b>Sub- Total cost</b>			<b>14374.40</b>	<b>9354.80</b>	
<i>Percentage discount : 10%</i>			<b>1437.44</b>	<b>935.48</b>	
<b>Sub-Total costs for parts</b>			<b>12936.96</b>	<b>8419.32</b>	6120.30 -10% 5508.27

### Special Nett Items:

Rear fender inner shiled clip rh	1	necessary	30.00	30.00	✗ nn
Boot lid inner trim clip	1	necessary	40.00	40.00	✗ nn
Rear windscreen sealant	1	necessary	60.00	60.00	40
Rear end panel sealant	1	necessary	30.00	30.00	✓
Rear bumper clip	set	necessary	50.00	50.00	30
<b>Sub-Total costs for parts</b>			<b>210.00</b>	<b>210.00</b>	100

### **Parts Repair**

*	*	*	0.00	0.00	
<b>Sub- Total costs</b>			<b>0.00</b>	<b>0.00</b>	
<b>Total costs for parts</b>			<b>13146.96</b>	<b>8629.32</b>	

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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.	Sub-contract work.		\$ 1,000.00 800
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 80.00 30
Remove and refix rear windscreen (2 man-job)	\$ 45.00	3	\$ 135.00 120
Remove and refix upholstery, cushion seat & rear inner trims to facilitate the replacement of rear floor panel.	\$ 45.00	2.5	\$ 112.50 80
Rebuild rear exhaust system	\$ 45.00	3.5	\$ 157.50 X
Conduct water leak test for rear portion associated repair works	\$ 45.00	1	\$ 45.00 30
Remove and replace rear bumper reverse sensor & conduct distance safety setting.	\$ 45.00	1.8	\$ 81.00 70
Wiring / bulb checking (inclusive of re-focus / re-adjust on angle of light intensity.)	\$ 45.00	1	\$ 45.00 30
<b>Total labour cost</b>			<b>\$ 2,871.00</b>

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.

2160

7 days

7768.27

~~L/S 6214.64~~  
~~- 6100~~

\$7329.07

L/S \$5850

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### Section C: Summary Table of Total Repair Cost

Description		Cost
<b>Damaged Parts Assessment (See section A)</b>		<b>\$8,629.32</b>
<b>Labour Cost Calculation (See section B)</b>		<b>\$2,871.00</b>
<b>Total cost</b>		<b>\$11,500.32</b>
Lump sum repair		\$2,300.06
Further discount	<b>20%</b>	
<b>Total Repair Cost</b>		<b>\$9,200.00</b>

We would recommend a sum of \$9,200.00 and 8 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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