

Our reference: 22-2057  
Date: 28/1/2022

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

Dear Sirs  
RE: Road Traffic Accident on 13/01/2022  
Yeow

In accordance with your instructions received in this office on 17/01/2022, we made arrangements to examine the vehicle on 17/01/2022 at above-mentioned address. The following data was recorded:

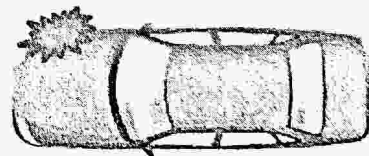
#### Vehicle details

Make	Toyota	Registration	SLZ2951M
Model	Sienta	Chassis	NHP1707114778
Colour	White	Gearbox	Auto
Odometer	316599km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

#### Tyre Depths

Front left	185/60R15	85% Westlake
Front right	185/60R15	85% Westlake
Rear left	185/60R15	85% Westlake
Rear right	185/60R15	85% Westlake

#### 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 \$8,000.00 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.

#### 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

Our reference 22-2057  
Date 28/1/2022  
Page 2

## Section A: Damaged Parts Assessment

Part's Description	Qty	Condition As Inspected	Repairer's Estimate	Our Adjustment
<b>List Items :</b>				
Front bumper	1	deformed	485.50	485.50
Front bumper side retainer rh	1	damaged	31.00	31.00
Front bumper fog lamp rh	1	reuse	212.50	0.00 Xun
Front bumper fog lamp garnish rh	1	deformed	155.50	155.50 88.60
Front bumper sponge	1	torn	168.00	168.00
Headlamp @\$1245.00	1	rh cracked.lh holder broken	2490.00	2490.00 495.70.
Headlamp panel rh	1	bent	199.00	199.00
Front fender rh	1	crushed	610.00	610.00 385
Front fender inner shield rh	1	torn	154.00	154.00 141
Front fender garnish rh	1	broken	75.80	75.80
Front fender emblem "Hybird" rh	1	necessary	85.40	85.40
Front door rh	1	repair.respray	899.00	0.00 Ry
Wiper tank	set	damaged	215.80	215.80
Wiper tank motor	1	crushed	124.50	124.50
Front radiator grille assy	1	holder broken	554.50	554.50 295.10
Front radiator grille assy logo	1	necessary	52.20	52.20
Bonnet	1	warped.bent	878.40	878.40 Ry
Bonnet damper rh	1	stiffened	174.20	174.20 Xun
Front shock absorber rh	1	bent	312.00	312.00 254.80.
Front knuckle arm rh	1	bent	498.50	498.50 442.60
Front knuckle arm bearing rh	1	necessary	175.00	175.00 119.40
Front knuckle arm bearing hub rh	1	necessary	243.00	243.00
Front windscreen pillar "A" rh	1	repair	385.80	0.00 Ry
Drive shaft rh	1	serviceable.refix	975.50	0.00 Xun
Steering & pinion	1	serviceable.refix	1984.40	0.00 Xun.

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Date                    28/1/2022

Front linkage rh	1	bent	122.00	122.00	XM
Front lower arm rh	1	bent	285.40	285.40	233
<b>Sub- Total cost</b>			<u>12546.90</u>	<u>8089.70</u>	4135.60
Percentage discount : 25%			<u>3136.73</u>	<u>2022.43</u>	
<b>Sub-Total costs for parts</b>			<u><u>9410.18</u></u>	<u><u>6067.28</u></u>	3101-32

**Special Nett Items:**

Front bumper clips	set	necessary	50.00	30.00	
Front bumper parking sensor	set	malfunction	358.00	358.00	200
Front tyre rim rh	1	cut	612.00	612.00	
Front tyre rh	1	abraded	250.00	212.50	XM
Front door company sticker rh	1	necessary	200.00	200.00	150
<b>Sub-Total costs for parts</b>			<u><u>1470.00</u></u>	<u><u>1412.50</u></u>	992

**Parts Repair**

*	*	*	0.00	0.00	
<b>Sub- Total costs</b>			<u>0.00</u>	<u>0.00</u>	
<b>Total costs for parts</b>			<u><u>10880.18</u></u>	<u><u>7479.78</u></u>	

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Date                 28/1/2022  
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	22	\$ 990.00	700
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 950.00	900
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 50.00	30
Remove and replace front undercarriage work rh	\$ 45.00	6	\$ 270.00	150
Specialist charges - Check/Dignostic and reprogramming			\$ 100.00	✓
Specialist charges - wheel alignment	-	-	\$ 60.00	✓
Remove and replace front parking sensor	\$ 45.00	1.8	\$ 81.00	30
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>\$ 2,546.00</b>	1900

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.

3101.52  
992  
1900  

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5993.32  
4584800  
6 days

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