

Our reference 21-7570  
Date 30/4/2021  
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### Section A: Damaged Parts Assessment

Part's Description	Qty	Condition As inspected	Repairer's Estimate	Our Adjustment
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#### List Items :

Rear bumper	1	deformed	1598.80	1598.80 <b>1450</b>
Rear bumper lower lid	1	broken	589.50	589.50 <b>277</b>
Rear bumper reinforcement	1	bent	655.00	655.00 <b>410</b>
Rear bumper inner guide rail	1	damaged	215.80	215.80 <b>✓</b>
Rear bumper lower beam <b>xnn</b>	1	cracked	144.00	144.00 <b>X</b>
Rear bumper side bracket @\$125.00 <b>xnn</b>	2	cracked	250.00	250.00 <b>X</b>
Rear bumper side lower garnish lh	1	deformed	108.90	108.90 <b>✓</b>
Rear bumper lower chrome moulding	1	broken, torn	278.90	278.90 <b>✓</b>
Rear bumper reflector @\$102.50 <b>@48</b>	1 <b>✓</b>	lh damaged rh refix	205.00	102.50 <b>48</b>
Tail lamp @\$615.20 <b>@587</b>	1 <b>✓</b>	lh cracked rh reuse	1230.40	615.20 <b>587</b>
Tail lamp bracket lh	1	cracked	95.00	95.00 <b>84</b>
Rear end panel <b>repair</b>	1	multiple dented	689.40	689.40 <b>X</b>
Rear end panel top garnish	1	reuse	248.00	0.00
<b>@195</b> Rear bumper reverse sensor @\$234.20	1 <b>✓</b>	4pcs damaged	1405.20	468.40 <b>195</b>
Tailgate <b>repair</b>	1	bent, warped	2154.50	2154.50 <b>X</b>
Tailgate weatherstrip <b>xnn</b>	1	torn	211.00	211.00 <b>X</b>
Tailgate logo	1	necessary	85.90	85.90 <b>69</b>
Tailgate emblem A200	1	necessary	65.00	65.00 <b>58</b>
Tailgate lock	1	serviceable	358.80	0.00

#### Sub- Total cost

10589.10 8327.80

Percentage discount : 10%

1058.91 832.78

#### Sub-Total costs for parts

9530.19 7495.02

3781.60

10%

**3403.44**

#### Special Nett Items:

Rear bumper clips	10	necessary	55.00	55.00 <b>30</b>
Rear end panel sealant	1	necessary	40.00	40.00 <b>xnn</b>
Tailgate windscreen sealant	1	necessary	60.00	60.00 <b>xnn</b>
Rear exhaust chrome rim lh	1	holder broken	225.00	225.00 <b>xnn</b>

#### Sub-Total costs for parts

380.00 380.00

**30**

#### Parts Repair

*	*	*	0.00	0.00
Sub- Total costs			0.00	0.00
Total costs for parts			9910.19	7875.02



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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	19	\$ 855.00	<b>500</b>
Putty & Spray painting to adjacent panels. Job allowance. Paint / material	Sub-contract work.		\$ 950.00	<b>600</b>
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 30.00	<b>xnn</b>
Remove and refix tailgate rear windscreen glass. (2-man job)	\$ 45.00	3.5	\$ 157.50	<b>xnn</b>
Remove and replace rear bumper reverse sensor & conduct distance safety setting.	\$ 45.00	1.7	\$ 76.50	<b>60</b>
Conduct water leak test for rear portion associated repair works	\$ 45.00	1	\$ 45.00	<b>xnn</b>
Transfer of existing tailgate mechanism to new tailgate	\$ 45.00	2	\$ 90.00	<b>xnn</b>
Wiring / bulb checking (inclusive of re-focus / re-adjust on angle of light intensity.)	\$ 45.00	0.8	\$ 36.00	<b>30</b>
<b>Total labour cost</b>			<b>\$ 2,240.00</b>	<b>1190</b>

Manhour rate and the number of manhours required for each repairing task are formulated based on 'individual workshop' operating cost and in-house@ IA Research Guidelines respectively.

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

Description		Cost
<b>Damaged Parts Assessment (See section A)</b>		<b>\$7,875.02</b>
<b>Labour Cost Calculation (See section B)</b>		<b>\$2,240.00</b>
<b>Total cost</b>		<b>\$10,115.02</b>
<b>Further discount</b>	<b>20%</b>	<b>\$2,023.00</b>
<b>Total Repair Cost</b>		<b>\$8,000.00</b>

We would recommend a sum of \$8,000.00 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)

**3403.44**

**30.00**

**1190.00**

**4623.44**

**20%**

**3,698.75**

**L/S-\$3,700/4DAYS**

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