

Our reference 21-8145  
Date 22/9/2021  
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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>				
Tail gate	1	crushed	2458.00	2,200 <del>2458.00</del> DEF 2000
Tail gate logo	1	necessary	62.10	62.10 NEC
Tail gate lock	1	bent-in	585.10	350 <del>585.10</del> DEF
Tail gate damper actuator c/w ECU * see photo	1 SVC	damaged	630.00	500 <del>630.00</del> DEF
Tail gate weatherstrip	1	ripped.nec	319.50	319.50 X SVC
Tail gate emblem Alphard	1	necessary	86.90	86.90 NEC
Tail gate outer chrome garnish	1	bent	845.00	550 <del>845.00</del> CRK
Tail gate inner trim board	1 SVC	deformed	735.00	600 <del>735.00</del> DEF
Tail gate side stopper rh	2	damaged	55.00	55.00 X SVC
Tail gate centre motor	1	malfunction	301.00	301.00 X SVC
Tail gate lamp rh	1	broken	561.00	561.00 CRK
Tail gate windscreen moulding	1	necessary	210.00	210.00 NEC
Rear bumper	1	deformed	1452.20	1,200 <del>1452.20</del> DEF
Rear bumper side retainer rh	1	damaged	98.00	98.00 DEF
Rear bumper reflector rh	1	reuse	96.00	0.00 X SVC
Rear end panel	1	repair	895.12	0.00 X R
Rear end panel side rh	1	repair	412.00	0.00 X R
Rear end panel top garnish	1	reuse	226.00	0.00 X SVC
Tail lamp rh	1	broken	658.90	658.90 CRK
Tail lamp lower apron rh	1	bent	269.10	269.10 X SVC
Tail lamp panel rh	1	repair.respray	589.00	0.00 X R
<b>Sub- Total cost</b>			11544.92	9326.80 <del>7,096.90</del>
<b>Percentage discount : 25%</b>			2886.23	2331.70
<b>Sub-Total costs for parts</b>			8658.69	6995.10 <del>5,307.67</del>
<b>Special Nett Items:</b>				
Rear bumper clips	set	necessary	50.00	50.00 NEC
Tail gate windscreen sealant	1	necessary	60.00	60.00 NEC
<b>Sub-Total costs for parts</b>			110.00	110.00
<b>Parts Repair</b>				
			0.00	0.00
<b>Sub- Total costs</b>			0.00	0.00
<b>Total costs for parts</b>			8768.69	7105.10 <del>5,417.67</del>

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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	14 <del>18</del>	\$ <del>810.00</del>	630
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 900.00	600
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 50.00	/
Remove and refix tail gate windscreen (2 man-job)	\$ 45.00	3 <del>3.5</del>	\$ <del>157.50</del>	135.00
Transfer tailgate mechanism	\$ 45.00	1 <del>2</del>	\$ <del>90.00</del>	45
Conduct water leak test for rear portion associated repair works	\$ 45.00	1.5	\$ 67.50	XNN
Wiring / bulb checking (inclusive of re-focus / re-adjust on angle of light intensity.)	\$ 45.00	0.8	\$ 36.00	XNN
<b>Total labour cost</b>			<b>\$ 2,111.00</b>	1,460

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</b> (See section A)		<del>\$7,105.10</del> <b>\$5,417.67</b>
<b>Labour Cost Calculation</b> (See section B)		<del>\$2,111.00</del> <b>\$1,460.00</b>
<b>Total cost</b>		<del>\$9,216.10</del> <b>\$6,877.67</b>
<b>Lump sum repair</b>		\$1,843.22 <b>\$5,502.13</b>
<b>Further discount</b>	<b>20%</b>	
<b>Total Repair Cost</b>		<del>\$7,300.00</del> <b>\$5,500.00</b>

We would recommend a sum of \$5,500.00 and 3.5 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.

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Diploma.Mechanical Engineering  
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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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