

Our reference: 20-10-9538

Date: 19/10/2020

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

Dear Sirs

RE: **Road Traffic Accident on 1/10/2020**
Yap Soon Kee

In accordance with your instructions received in this office on **5/10/2020**, we made arrangements to examine the vehicle on **5/10/2020** at above-mentioned address. The following data was recorded:

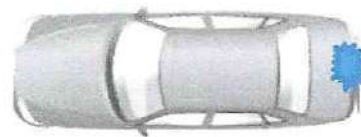
Vehicle details

Make	Volvo	Registration	SMQ5916G
Model	S60	Chassis	YV1FS84ABF2337650
Colour	White	Gearbox	Auto
Odometer	95360km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

Tyre Depths

Front left	235/40Zr19	85% Michelin
Front right	235/40Zr19	85% Michelin
Rear left	275/40R19	85% Michelin
Rear right	275/40R19	85% Michelin

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 **\$8,700.00** 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
<u>Nett Items</u>				
Boot lid	1	repair.respray	2454.50	0.00
Boot lid 'VOLVO' logo	1	necessary	81.50	81.50
Boot lid emblem 'S60'	1	necessary	74.10	74.10
Boot lid emblem 'D2'	1	necessary	74.10	74.10
Boot lid lock	1	bent-in	452.50	452.50
Boot lid reflector @\$298.50	2	intact	597.00	0.00
Rear bumper	1	deformed	1598.50	1598.50
Rear bumper lower	1	crushed	612.20	612.20
Rear bumper reinforcement	1	bent	1409.30	1409.30
Rear bumper inner rail guide	1	damaged	274.50	274.50
Rear bumper side bracket @\$49.90	2	bent	99.80	99.80
Rear bumper tow cover	1	missing	61.00	61.00
Rear bumper side retainer @\$95.30	2	necessary/damaged	190.60	190.60
Rear bumper reverse sensor @\$241.00	4	3 pcs damaged	964.00	723.00
Rear bumper reverse sensor holder @\$35.80	4	3 pcs damaged	143.20	107.40
Tail lamp @\$407.00	2	holder damaged	814.00	814.00
Rear end panel	1	multiple dented/bent	921.30	921.30
Rear end panel top garnish	1	deformed	293.80	293.80
Boot lid keyless sensor	1	malfunction	346.50	346.50
Rear exhaust pipe	1	bent/dented	985.40	985.40
Rear exhaust mounting @\$32.00	2	distorted	64.00	64.00
Rear exhaust insulator	1	damaged	129.90	129.90
Sub- Total cost			12641.70	9313.40
Percentage discount : 10%			1264.17	931.34
Sub-Total costs for parts			11377.53	8382.06

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Special Nett Items:

Rear bumper clips @\$4.50	18	necessary	81.00	81.00
Rear end panel top garnish clip @\$4.50	2	necessary	9.00	9.00
Rear end panel sealant	1	necessary	30.00	30.00
Sub-Total costs for parts			120.00	120.00

Parts Repair

*	*	*	0.00	0.00
Sub- Total costs			0.00	0.00
Total costs for parts			11497.53	8502.06

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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	25	\$ 1,125.00
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 850.00
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 60.00
Remove and replace rear bumper reverse sensor & conduct distance safety setting.	\$ 45.00	1.7	\$ 76.50
Specialist charges - Diagnostic fault code / reset			\$ 150.00
Conduct water leak test for rear portion associated repair works	\$ 45.00	1	\$ 45.00
Remove and replace rear exhaust system	\$ 45.00	2	\$ 90.00
Wiring / bulb checking (inclusive of re-focus / re-adjust on angle of light intensity.)	\$ 45.00	0.5	\$ 22.50
Total labour cost			\$ 2,419.00

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)		\$8,502.06
Labour Cost Calculation (See section B)		\$2,419.00
Total cost		\$10,921.06
Further discount	20%	\$2,184.21
Total Repair Cost		\$8,700.00

We would recommend a sum of \$8,700.00 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)
MATAT, 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)





