

PRO-OPTION SERVICES

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SINGLE JOINT EXPERT REPORT

(Traffic Accident involving motor vehicles SKD4573K & PA6540Z ON 16 October 2020)

Report no : 415M22.SJE
Vehicle no : SKD4573K

1 REFERENCE

Appointed by : The State Courts Singapore
Thru' M/s Bonnie Kwok LLC
101A Upper Cross Street
#08-12 People's Park Centre
Singapore 058358
Date of request : 13 April 2022
Your Reference : BK.20223.21.P
Defendant's lawyer's Ref : TWK.DAS.1327.21.AXA; M/s Tan Kok Quan Partnership
MC/MC Suit No. : 7955/2021
Repairer : Precise Auto Service
Date of Accident : 16 October 2020

2 VEHICLE DATA

(a) Plaintiff's Vehicle

Vehicle no : **SKD4573K**
Make/model : Mercedes Benz C180 Kompressor
Chassis no : WDD2040452A629786
Engine no. : 27191031349341
Year of registration : 2011
Colour : Silver

(b) Defendant's Vehicle

Vehicle no : PA6540Z
Make/model : Isuzu LT134P

3 AVAILABLE INFORMATION

This report is prepared based on the following information:

- (a) Plaintiff's GIA report;
- (b) Plaintiff's survey report by M/s Chartered Auto Assessors;
- (c) Defendant's GIA report;
- (d) Defendant's survey report by Ms LKK Auto consultants Pte Ltd;
- (e) A physical post repair re-inspection of the Plaintiff's vehicle was conducted on 28 April 2022; and
- (f) Wheel alignment reports for Plaintiff's vehicle before and after repairs.

4 BRIEF DESCRIPTION OF THE ACCIDENT

Parked and found damaged in which the Plaintiff's vehicle was collided into by the reversing Defendant's vehicle while parked in a parking lot. The collision appeared to be heavy as the bus driver had felt a jerk when his vehicle hit the Plaintiff's vehicle.

5 CONCLUSIONS

After reviewing and analysing the contents of the documents listed in para. 3 of this report, I am of the opinion that a fair and reasonable assessment would be as follows:

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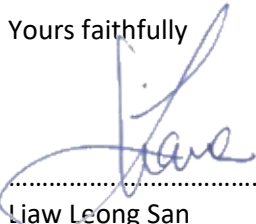
(a) Cost of repair based on lump sum repair basis =
(b) Number of days required to complete the repairs =

\$10,800.00
9.00

I confirm that insofar as the facts stated in my report are within my own knowledge I have made clear they are and I believe them to be correct, and that the opinions I have expressed represent my accurate and complete professional opinion.

I also confirm that in preparing this report, I am aware that my primary duty is to the Court and not the person(s) from whom I have received my instructions or by whom I am paid.

Yours faithfully



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Liaw Leong San
Licensed Automotive Appraiser

Dated: 12 May 2022

6 ASSESSMENT OF DAMAGE AND COSTS

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Vehicle no: SKD4573K

A SPARE PARTS

	<u>Description</u>	<u>Qty</u>	<u>Chartered</u> <u>Amount (\$)</u>	<u>LKK</u> <u>Amount (\$)</u>	<u>SJE</u> <u>Amount (\$)</u>	<u>Comment</u>
1	Front bumper	1	1,560.00	1,368.00	1,368.00	Fair and reasonable
2	Front bumper side retainer o/s & n/s	2	220.00	160.00	160.00	Fair and reasonable
3	Front bumper side attachment o/s & n/s	2	56.00	28.00	28.00	N/s only – fair and reasonable
4	Front bumper clip	1	70.00	30.00	30.00	Fair and reasonable
5	Front bumper side moulding o/s & n/s	2	230.00	230.00	230.00	Not disputed
6	Front bumper side clip o/s & n/s	2	56.00	serviceable	0.00	Not applicable
7	Front bumper side brace bracket (n/s lower)	1	45.00	45.00	45.00	Not disputed
8	Front bumper side vertical bracket n/s	1	65.00	65.00	65.00	Not disputed
9	Front bumper reinforcement	1	390.00	serviceable	390.00	The job of the bumper reinforcement is to distribute the collision energy and may after SRS timing. Therefore, it cannot be used if damaged.
10	Headlamp n/s	1	2,330.00	1,610.00	1,610.00	Fair and reasonable
11	Headlamp lower bracket n/s	1	310.00	179.00	179.00	Fair and reasonable
12	Headlamp top base n/s	1	165.00	--	0.00	Repaired
13	Front fender n/s	1	1,090.00	875.00	875.00	Fair and reasonable
14	Front fender emblem n/s	1	85.00	85.00	85.00	Not disputed
15	Front fender chrome moulding n/s	1	46.00	46.00	46.00	Not disputed
16	Front fender splash shield n/s	1	150.00	150.00	150.00	Not disputed
17	Front fender splash shield clip n/s	1	56.00	25.00	25.00	Fair and reasonable
18	Front bonnet	1	2,550.00	1,598.00	1,598.00	Fair and reasonable
19	Front knuckle arm n/s	1	980.00	serviceable	980.00	Affected and replaced
20	Front lower arm n/s	1	660.00	serviceable	660.00	Affected and replaced
21	Front thrust arm n/s	1	480.00	serviceable	480.00	Affected and replaced
22	Front wheel bearing kit	1	195.00	serviceable	0.00	Disallowed as nature of the damage not defined.
23	Front wheel bearing hub n/s	1	620.00	serviceable	0.00	Disallowed as nature of the damage not defined.
24	Front shock absorber n/s	1	885.00	serviceable	885.00	Affected and replaced
25	Front shock absorber mounting n/s	1	307.00	serviceable	0.00	Disallowed as nature of the damage not defined.
26	Front shock absorber mounting bearing n/s	1	85.00	serviceable	0.00	Disallowed as nature of the damage not defined.
27	Front anti-roll bar link n/s	1	90.00	serviceable	90.00	Affected and replaced

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28	Front alloy sport rim n/s	1	1,960.00	serviceable	1,960.00	Affected and replaced
	Subtotal of the above:		15,736.00	6,494.00	11,939.00	
	Discount 10%		1,573.60	649.40	1,193.90	
	Total costs for parts :		14,162.40	5,844.60	10,745.10	

B LABOUR

29	To provide towing service using "King Dolly".		120.00	120.00	120.00	Not disputed
30	To remove/refit wire harness, all related connectors. Check proper function. Focus headlights.		120.00	30.00	60.00	Fair and reasonable
31	To apply underseal and rust-proofing on the affected areas.		150.00	30.00	30.00	Fair and reasonable
32	To conduct wheel alignment (before & After).		240.00	--	120.00	Jobs necessary to check the condition of the affected front undercarriage and suspension system.
33	To renew n/s front wheel rim/tyre and conduct wheel balancing.		120.00	--	120.00	For balancing of wheel.
34	To remove/refit front undercarriage/suspension assembly with all attachments/components.		350.00	--	350.00	Jobs carried out to replace the damaged undercarriage and suspension parts.
35	To perform diagnostic checks on control units. Reset to factory specifications.		320.00	150.00	235.00	Fair and reasonable
36	To putty and spray paint front bumper, front support panel, n/s front fender, n/s front wheelhouse panel, n/s front door, front bonnet and repaired panels inclusive preparatory works and painting materials.		1,200.00	600.00	1,000.00	4 affected panels – the front bumper, front bonnet, front n/s fender, n/s headlamp top base, front n/s door, etc. needed to be painted at rate \$250/panel.

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| 37 | To remove all damaged parts with all necessary components and attachments. To apply hot-works where necessary. Straighten/align chassis members, repair/reshape/align dented/body panels in accordance with factory specifications. Replace damaged parts, refit and align into position. Refit all necessary components/attachments. | 1,260.00 | 700.00 | 750.00 | Estimated 3 days for the repairs at \$250/day. |
| 38 | To set vehicle on chassis alignment bench inclusive of all necessary preparatory works. | 320.00 | -- | 0.00 | No evidence to show bench had been used. |

Total Labour cost:

4,200.00	1,630.00	2,785.00
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Total Repair Cost:

18,362.40	7,474.60	13,530.10
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Recommended Cost of Repair:

15,500.00	5,950.00	10,800.00
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Estimated number of days for the repairs:

12.00	6.00	9.00
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