

Constant Appraiser Services

Qualified Automobile Accident Damage Appraisers/Loss Adjusters

Blk 2 Rivervale Link, #09-02 Singapore 545040

Tel/Fax: 6886 1106 Mobile: 9007 5234

Email: constant_as@yahoo.com.sg

RCB No. 53138015K

INVOICE

To: Pang Chin Chune Ivan
29 Elias Road
#06-20
Singapore 519933

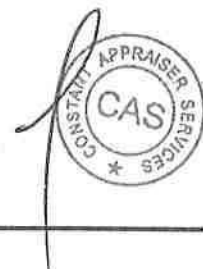
Date : 04/05/2020

Invoice No : IV20-05002/CAS

Particulars	Amount
Fee For Services Rendered In Respect Of: Surveying, Adjusting, and Re-inspection Of Accident Damaged Vehicle SKE 9627B (Inclusive Of Photographs And Transport Charges) Our reference : CAS/20-05/002	\$2,360.00
Total	\$2,360.00

E. & O.E

Constant Appraiser Services



Cheque Should Be Crossed And Made Payment To 'Constant Appraiser Services'

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Automobile Inspection Report

To: Pang Chin Chune Ivan
29 Elias Road
#06-20
Singapore 519933

Date : 04/05/2020

Reference No : CAS/20-05/002

General Information

Registration No. : SKE 9627B
Accident Date : 22/10/2018

Particulars of Damaged Vehicle

Colour	: Black	Make & Model	: Volvo S60 T4 1.6
Engine Capacity	: 1596 cc	Pre-Accident Condition	: Good
Mileage (KM)	: 134385	Engine No.	: B4164T1073058
Chassis No.	: YV1FS485BC2126453	Steering	: In Order
Registration Date	: 20/04/2012	Brake	: In Order

Tyre Condition

	Size	Make	Balance
R/H Front Tyre	235/45R17	YOKOHAMA	80%
L/H Front Tyre	235/45R17	YOKOHAMA	80%
R/H Rear Tyre	235/45R17	YOKOHAMA	90%
L/H Rear Tyre	235/45R17	YOKOHAMA	90%

Inspection

Repairer : Twincar Automotive Pte Ltd
2 Kaki Bukit Ave 2, #01-17 Kaki Bukit Autohub, Singapore 417921

Adjustment And Recommendation Cost Of Repair

Repairer's Estimate : \$70,473.10
Revised Amount : \$49,800.00
Less Excess : -
Nett Total : \$49,800.00

Remarks

- (A) Survey was done on 24/10/2018
- (B) Re-survey was done on 25/10/2018
- (C) Re-survey after repair was done on 13/11/2018
- (D) The survey was conducted entirely on WITHOUT PREJUDICE basis.
- (E) We have NOT given any instruction to authorize the repair of the vehicle.

NOTE: The revised estimate was made from a visual inspection. Should there be any discrepancy or unseen damage/item in this survey, kindly notified the company within 7 (seven) days from the date hereof. Otherwise, the revised amount shall be deemed to be valid.

Adjustment On Repair Costs And Replacement Of Parts:

S/No	Qty	Descriptions	Assessed Condition	Estimate by Workshop (\$)	Revised Amount (\$)
<u>PARTS REPLACEMENT – LIST ITEMS</u>					
1	1pc	Front bonnet	Dented/Warped	2,764.00	2,764.00
2	8pcs	Front bonnet insulator mat clips @ \$6.50	Necessary	52.00	52.00
3	1pc	Front bumper	Grazed/Torn	2,263.02	2,263.02
4	1pc	Front bumper RH foglamp cover	Serviceable	89.07	-
5	2pcs	Front bumper side retainer L/R @ \$98.23	Necessary	196.46	196.46
6	1pc	Front headlamp panel	Repair	1,818.11	-
7	1pc	Front RH door	Dented/Warped	2,538.00	2,538.00
8	1pc	Front RH door body weather strip	Necessary	299.75	299.75
9	1pc	Front RH door checker	Bent	98.00	98.00
10	1pc	Front RH door control module	Damaged	999.62	999.62
11	1pc	Front RH door glass	Cracked	835.10	835.10
12	1pc	Front RH door glass channel weather strip	Necessary	78.45	78.45
13	1pc	Front RH door glass regulator	Bent	280.00	280.00
14	1pc	Front RH door glass regulator motor	Jammed/Damaged	521.00	521.00
15	1pc	Front RH door glass regulator panel	Broken	240.86	240.86
16	2pcs	Front RH door hinges (top & lower) @ \$187.30	Bent	374.60	374.60
17	1pc	Front RH door inner frame garnish	Broken	280.10	280.10
18	1pc	Front RH door inner moulding	Bent	251.10	251.10
19	1pc	Front RH door inner pillar	Repair	1,521.00	-
20	1pc	Front RH door inner trim board	Broken	1,659.70	1,659.70
21	1pc	Front RH door mechanism lock	Bent/Jammed	650.00	650.00
22	1pc	Front RH door outer handle	Grazed/Twisted	349.00	349.00
23	1pc	Front RH door outer handle cover	Grazed	31.80	31.80
24	1pc	Front RH door outer handle cover gasket	Necessary	12.90	12.90
25	1pc	Front RH door outer handle frame	Broken	108.70	108.70
26	1pc	Front RH door outer handle frame bracket	Broken	139.50	139.50
27	1pc	Front RH door outer handle gasket seal	Necessary	12.90	12.90
28	1pc	Front RH door outer moulding	Twisted	213.00	213.00
29	1pc	Front RH door outer pillar	Dented/Buckled	1,971.00	1,971.00
30	1pc	Front RH door side mirror	Broken	1,480.85	1,480.85
31	1pc	Front RH door side mirror cover	Broken	379.00	379.00
32	1pc	Front RH door side mirror glass	Broken	179.00	179.00

S/No	Qty	Descriptions	Assessed Condition	Estimate by Workshop (\$)	Revised Amount (\$)
		<u>PARTS REPLACEMENT – LIST ITEMS (CONT'D)</u>			
33	1pc	Front RH door side mirror glass motor	Broken	312.10	312.10
34	1pc	Front RH door side mirror housing lower cover	Broken	92.50	92.50
35	1pc	Front RH door side mirror inner trim cover	Broken	51.20	51.20
36	1pc	Front RH door side mirror lamp	Broken	151.00	151.00
37	1pc	Front RH door side mirror lower lamp	Broken	107.30	107.30
38	1pc	Front RH door side mirror lower lamp cover	Broken	59.10	59.10
39	1pc	Front RH door side mirror seal cover	Necessary	33.20	33.20
40	1pc	Front RH door vertical trim panel	Broken	221.10	221.10
41	1pc	Front RH door weather strip	Necessary	225.30	225.30
42	1pc	Front RH door wire harness	Serviceable	383.45	-
43	1pc	Front RH fender	Broken	1,310.00	1,310.00
44	1pc	Front RH fender inner panel	Dented/Warped	378.35	378.35
45	1pc	Front RH fender inner seal cover	Necessary	68.50	68.50
46	1pc	Front RH fender inner shield	Distorted	232.20	232.20
47	1pc	Front RH fender inner sponge	Broken	91.20	91.20
48	1pc	Front RH headlamp	Cracked	1,439.02	1,439.02
49	1pc	Front RH headlamp bracket	Repair	83.64	-
50	1pc	Front RH knuckle arm	Bent	811.00	811.00
51	1pc	Front RH knuckle arm bearing	Necessary	384.30	384.30
52	1pc	Front RH lower arm	Bent	387.00	387.00
53	1pc	Front RH shock absorber	Bent	343.00	343.00
54	2pcs	Front windscreen glass moulding L/R @ \$157.20	Necessary	314.40	314.40
55	1pc	Front wiper grille garnish	Serviceable	511.20	-
56	1pc	Petrol lid cover	Dented/Twisted	221.10	221.10
57	1pc	Petrol lid cover actuator pump	Serviceable	159.00	-
58	1pc	Petrol lid cover inner rubber	Necessary	205.00	205.00
59	1pc	Rear RH fender inner panel	Repair	1,859.70	-
60	1pc	Rear bumper	Grazed/Torn	1,431.42	1,431.42
61	2pcs	Rear bumper side retainer L/R @ \$180.00	Necessary	360.00	360.00
62	1pc	Rear RH door	Dented/Warped	2,421.10	2,421.10
63	1pc	Rear RH door body weather strip	Necessary	278.15	278.15
64	1pc	Rear RH door checker	Bent	109.50	109.50
65	1pc	Rear RH door control module	Damaged	951.80	951.80

S/No	Qty	Descriptions	Assessed Condition	Estimate by Workshop (\$)	Revised Amount (\$)
		<u>PARTS REPLACEMENT – LIST ITEMS (CONT'D)</u>			
66	1pc	Rear RH door glass channel weather strip	Necessary	89.75	89.75
67	1pc	Rear RH door glass regulator	Bent	294.10	294.10
68	1pc	Rear RH door glass regulator motor	Damaged/Jammed	611.80	611.80
69	1pc	Rear RH door glass regulator panel	Broken	229.50	229.50
70	2pcs	Rear RH door hinges (top & lower) @ \$159.10	Bent	318.20	318.20
71	1pc	Rear RH door inner frame garnish	Broken	267.20	267.20
72	1pc	Rear RH door inner moulding	Twisted	197.30	197.30
73	1pc	Rear RH door inner trim board	Broken	1,487.20	1,487.20
74	1pc	Rear RH door mechanism lock	Bent/Jammed	611.80	611.80
75	1pc	Rear RH door outer handle	Broken	321.10	321.10
76	1pc	Rear RH door outer handle cover	Broken	30.20	30.20
77	1pc	Rear RH door outer handle cover gasket seal	Necessary	12.90	12.90
78	1pc	Rear RH door outer handle frame	Broken	107.20	107.20
79	1pc	Rear RH door outer handle frame bracket	Broken	129.70	129.70
80	1pc	Rear RH door outer handle gasket seal	Necessary	12.90	12.90
81	1pc	Rear RH door outer moulding	Twisted	200.80	200.80
82	1pc	Rear RH door quarter glass bracket assy	Necessary	171.00	171.00
83	1pc	Rear RH door side weather strip (front)	Necessary	72.00	72.00
84	1pc	Rear RH door side weather strip (rear)	Necessary	72.00	72.00
85	1pc	Rear RH door vertical trim panel	Broken	208.20	208.20
86	1pc	Rear RH door weather strip	Necessary	247.10	247.10
87	1pc	Rear RH door wire harness	Serviceable	372.90	-
88	1pc	Rear RH fender	Dented/Warped	2,032.70	2,032.70
89	1pc	Rear RH fender air vent	Serviceable	79.20	-
90	1pc	Rear RH fender inner shield	Distorted	158.80	158.80
91	1pc	Rear RH fender inner trim garnish	Deformed	183.16	183.16
92	1pc	Rear RH lower arm	Bent	391.30	391.30
93	1pc	Rear RH shock absorber	Bent	350.20	350.20
94	1pc	Rear RH taillamp	Broken	791.62	791.62
95	1pc	Rear RH taillamp back rubber gasket	Necessary	32.10	32.10
96	1pc	Rear RH taillamp inner panel	Dented	379.12	379.12
97	1pc	Rear RH taillamp lower bracket	Serviceable	242.10	-
98	1pc	Rear RH torsion arm	Bent	241.70	241.70

S/No	Qty	Descriptions	Assessed Condition	Estimate by Workshop (\$)	Revised Amount (\$)
		<u>PARTS REPLACEMENT – LIST ITEMS (CONT'D)</u>			
99	1pc	Rear RH trailing arm	Bent	731.50	731.50
100	1pc	Rear RH upper arm	Bent	271.30	271.30
101	1pc	Rear RH wheel bearing	Necessary	502.90	502.90
102	1pc	Rear RH wheel rim	Grazed/Warped	1,539.10	1,539.10
103	1pc	Rear windscreen glass moulding	Necessary	1,139.53	1,139.53
104	1pc	RH side center pillar	Dented/Warped	1,751.00	1,751.00
105	1pc	RH side rocker panel garnish	Dented/Deformed	824.10	824.10
106	1pc	RH side rocker panel garnish rubber seal (lower)	Necessary	81.20	81.20
107	1pc	RH side rocker panel garnish rubber seal (top)	Necessary	81.20	81.20
			Sub total	56,543.10	49,423.73
		<u>PARTS REPLACEMENT – SPECIAL NETT ITEMS</u>			
1	1set	Front bumper clips - set	Necessary	50.00	50.00
2	1pc	Front RH 235/45/17 tyre	Serviceable	850.00	-
3	1pc	Front RH door glass solar film	Necessary	400.00	250.00
4	1set	Front RH door inner trim board clips - set	Necessary	50.00	40.00
5	1pc	Front RH door speaker	Broken	280.00	280.00
6	3pcs	Front RH door vertical trim panel rivet @ \$50.00	Necessary	150.00	100.00
7	1set	Front RH fender inner seal cover clips - set	Necessary	20.00	20.00
8	1set	Front RH fender inner shield clips - set	Necessary	50.00	40.00
9	1pc	Front windscreen glass sealant	Necessary	100.00	80.00
10	1set	Front wiper grille garnish clips - set	Not Necessary	50.00	-
11	1pc	Radiator coolant	Not Necessary	80.00	-
12	1set	Rear bumper clips - set	Necessary	50.00	50.00
13	1pc	Rear RH 235/45/17 tyre	Serviceable	850.00	-
14	1set	Rear RH door inner trim board clips - set	Necessary	50.00	40.00
15	1pc	Rear RH door speaker	Broken	280.00	280.00
16	3pcs	Rear RH door vertical trim panel rivet @ \$50.00	Necessary	150.00	100.00
17	1set	Rear RH fender inner shield clips - set	Necessary	50.00	40.00
18	1set	Rear RH fender inner trim garnish clips - set	Necessary	30.00	30.00
19	1pc	Rear windscreen glass sealant	Necessary	100.00	80.00
20	1set	RH side rocker panel garnish clips - set	Necessary	50.00	40.00
			Sub total	60,233.10	50,943.73

S/No	Qty	Descriptions	Assessed Condition	Estimate by Workshop (\$)	Revised Amount (\$)
		<u>LABOUR & MISC. CHARGES</u>			
1		To remove, reinstall air con parts, vacuums, refill air con gas. (to FR)		180.00	-
2		To remove, reinstall electrical wiring harness, check lighting, resetting headlamp focussing and rewire for parking sensor		200.00	80.00
3		To remove, reinstall windscreen. (to FR)		150.00	120.00
4		To remove, reinstall window glass. (to FR)		100.00	60.00
5		To remove, change window glass		100.00	60.00
6		To remove and refit rear windscreen(to FR)		150.00	120.00
7		To remove, change front suspension parts, absorber, lower arm, knuckle arm, wheel bearing, bearing hub, drive shaft, anti-roll bar, top-arm and steering rack and pinion		300.00	220.00
8		To remove, change rear suspension parts, axle carriage, absorber, lower arm, top arm, trailing arm, knucke arm, wheel bearing, bearing hub and etc		500.00	350.00
9		To road test driving, check and resetting wheel alignments system		180.00	120.00
10		To remove, reinstall petrol tank. (to FR)		80.00	70.00
11		To remove, reinstall roof top trim upholstery, cushion seat, trim garnish, trim liner carpet. (to FR)		250.00	150.00
12		To transfer door glass, regulator gear, motor, railing, channel, trim board, mechanism lock and handle		200.00	160.00
13		To remove, change dashboard fascia and transfer where necessary		400.00	250.00
14		To re-spray painting on the change bodyparts, repair portion, and where consistent to the accident		2,900.00	2,000.00
15		To provide labour, workmanship to change the above damaged bodyparts, repair, re-construct and re-align body structure, body alignments and damaged consistent to the accident		4,400.00	3,800.00
16		To provide labour, workmanship to change the above damaged bodyparts, repair, re-construct and re-align body structure, body alignments and damaged consistent to the accident		150.00	120.00
Grand total				70,473.10	58,623.73
Recommended cost of lump sum repair (To its pre-accident condition)					49,800.00

Adjustment/Recommendations

We have thoroughly inspected each and every item on the estimate against the physical damage found on the vehicle and we have listed the breakdown of our finding and our recommendation.

The repairer has agreed to undertake the job at a lump sum of \$49,800.00 on a contractual basis. Under normal circumstances, the repair period would be about 21 (Twenty One) working days.

Yours faithfully,
Constant Appraiser Services



Lim Yong Tian (Sebastian)
Licensed Appraiser
Adv. Dip. In Mechanical Engineering (AUS)
MSAAA







