

JDJ APPRAISAL

Vehicle Inspection Report

Our Reference No.	: SLA 7419 H	Registration No.	: 2020 - B1014
Your Reference No.	: Not Advised	Date	: 09/11/2020
Claim Type	: Third Party Claim	Date Of Survey	: 16/09/2020
Assignment Given By	: ALPINE CAR RENTAL PTE LTD	Date Of Accident	: 12/09/2020
Address	: 7, Ubi close , Alpine Centre Singapore 408604	Survey Conduct At	: AE AUTO PTE LTD
		Address	: 160, Sin Ming Dr. # 06-01 Sin Ming Autocity S (S75722)

Particulars of accident vehicle

Vehicle Reg. No.	: SLA 7419 H	Engine Number	: LE9160050097
Date Of Registration	: 15/03/2016	Chassis Number	: KL1CA26UJGB510687
Make	: CHEVROLET	Transmission Type	: AUTO
Model	: CAPTIVA C140 2.4	Vehicle Colour	: SILVER
		Mileage Reading	: 107212

Visual and static test on vehicle during survey

Hand brake condition	: Malfunction	Body Condition	: Good
Foot brake condition	: Jam	Paint Work condition	: Good
Steering condition	: Damage	Remarks	: NIL
Modification	: NIL		

Condition of vehicle tyre

	Size	Make / Right Tread	Make / Left Tread
Front Tyre	: 235/60R17	LINGLONG	LINGLONG
Rear Tyre	: 235/60R18	LINGLONG	LINGLONG

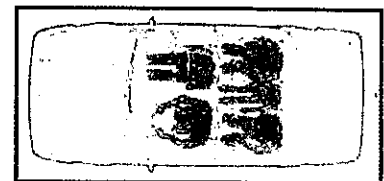
Description on vehicle's point of impact and damages

Front bonnet, bumper, gearbox, fenders, radiator aircon parts, airbag assy ,
whole front area, undercarriage , dashboard etc
(For more detail of the damages, please refer photographs attached)

Remarks

Point Of Impact

In accordance to your instruction, we have NOT authorised any repairs.
Estimated duration of repairs : 34 Working Days
This survey was conducted entirely on a "WITHOUT PREJUDICE" basic.



JDJ APPRAISAL

Annex A: Adjustment on Spare Parts

S/No	Qty	Vehicle Parts Description	Condition	Workshop Estimate Before Discount (S\$)	Recommendation (S\$)
List Parts					
1	1	Bonnet	Bent	1,450.00	1,450.00
2	1	Bonnet lock	Missing	385.00	385.00
3	1	Bonnet lock bracket	Missing	220.00	220.00
4	1	Bonnet cable	Broken	368.00	368.00
5	2	Bonnet hinges	Bent	220.00	220.00
6	2	Bonnet absorbers	Bent	480.00	480.00
7	1	Bonnet insulator	Tear	520.00	520.00
8	1	Bonnet inner rubber	Tear	228.00	228.00
9	1	Bonnet outer rubber	Tear	235.00	235.00
10	2	Bonnet side rubbers	Tear/ Missing	280.00	280.00
11	1	Front wiper garnish center	Cracked	685.00	685.00
12	2	Front wiper garnish sides	Cracked	530.00	530.00
13	1	Front wiper panel	Repair	840.00	0.00
14	1	Front wiper motor	Jam	620.00	620.00
15	1	Front wiper motor arms	Bent	488.00	488.00
16	1	Front w/screen	Cracked	2,245.00	2,245.00
17	1	Front w/screen moulding	Necessary	350.00	350.00
18	2	Front w/screen pillars	Repair	1,800.00	0.00
19	2	Front fenders	Bent	1,160.00	1,160.00
20	2	Front fender lamps	Cracked	768.00	768.00
21	2	Front fender undershields	Tear	480.00	480.00
22	2	Front fender outer garnishs	Cracked	796.00	796.00
23	2	Front fender inner brackets	Dented	220.00	220.00
24	2	Front fender inner panels	Dented	1,960.00	1,960.00
25	2	Front wheel housings	Dented	3,750.00	3,750.00
26	1	Front grille	Missing	650.00	650.00
27	1	Front grille center logo	Missing	120.00	120.00
28	2	Headlamps (LED)	Missing	5,080.00	5,080.00
29	2	Headlamp panels	Bent	680.00	680.00
30	2	Headlamp ECU	Missing/ Cracked	1,960.00	1,960.00
31	2	Headlamp sockets	Broken	460.00	460.00
32	1	Front support panel assy	Crumble	2,258.00	2,258.00
33	1	Front support panel top garnish	Missing	385.00	385.00
34	8	Support panel top garnish clips	Missing	40.00	40.00

JDJ APPRAISAL

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S/No	Qty	Vehicle Parts Description	Condition	Workshop Estimate Before Discount (S\$)	Recommendation (S\$)
35	1	Front bumper	Missing	1,380.00	1,380.00
36	2	Front bumper side retainers	Cracked	280.00	280.00
37	1	Front bumper reinforcement	Bent	588.00	588.00
38	1	Front bumper sponge	Cracked	323.00	323.00
39	2	Front bumper brackets	Bent	440.00	440.00
40	1	Front bumper center grille	Missing	1,125.00	1,125.00
41	1	Front bumper lower garnish	Missing	1,650.00	1,650.00
42	2	Front bumper day light lamps	Missing	960.00	960.00
43	1	Front bumper outer side garnish	Missing	1,360.00	1,360.00
44	2	Front fog lamps	Missing	1,040.00	1,040.00
45	2	Front fog lamp brackets	Missing	286.00	286.00
46	2	Front fog lamp sockets	Missing	570.00	570.00
47	2	Front fog lamp outer garnishes	Missing	396.00	396.00
48	1	Engine center lower cover	Missing	420.00	420.00
49	2	Engine lower side covers	Missing	532.00	532.00
50	2	Front doors	Repair	3,000.00	0.00
51	2	Front door frame structure	Repair	2,800.00	0.00
52	2	Front side mirror assys	Broken/ Missing	1,680.00	1,680.00
53	2	Rocker panel Step garnishs assy	Tear	3,570.00	3,570.00
54	2	Front chassis	Repair	2,200.00	0.00
55	1	Radiator	Crumble	1,450.00	1,450.00
56	2	Radiator top brackets	Missing	330.00	330.00
57	1	Radiator top hose	Tear	168.00	168.00
58	1	Radiator lower hose	Tear	158.00	158.00
59	1	Radiator fan cowling	Missing	588.45	588.45
60	1	Radiator fan motor	Missing	398.00	398.00
61	2	Horns	Cracked	440.00	440.00
62	1	A/c condenser	Crumble	1,178.58	1,178.58
63	1	A/C inlet pipe	Bent	350.00	350.00
64	1	A/C outlet pipe	Bent	363.00	363.00
65	1	A/C valve	Bent	299.60	299.60
66	1	A/C compressor	Cracked	2,278.50	2,278.50
67	1	Front RH pulley	Jam	475.00	475.00
68	1	Front RH belt tensioner	Jam	339.00	339.00
69	1	Front RH pulley belt	Tear	220.00	220.00
70	1	Front RH timing chain cover	Cracked	347.00	347.00
71	1	Water pump assy	Necessary	680.00	680.00
72	1	Alternator	Cracked	1,300.00	1,300.00
73	1	Starter motor	Cracked	1,450.00	1,450.00

JDJ APPRAISAL

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S/No	Qty	Vehicle Parts Description	Condition	Workshop Estimate Before Discount (S\$)	Recommendation (S\$)
74	1	Front washer tank	Missing	385.00	385.00
75	1	Front washer tank motor	Missing	258.00	258.00
76	1	Front washer tank hose	Tear	220.00	220.00
77	1	Front wire harness assy	Tear	2,856.00	2,856.00
78	1	Front air cleaner box top	Cracked	685.00	685.00
79	1	Front air cleaner box bottom	Cracked	720.00	720.00
80	1	Front air flow sensor	Malfunction	420.00	420.00
81	1	Air Cleaner top hose	Tear	185.00	185.00
82	1	Air Cleaner suction hose	Missing	210.00	210.00
83	1	Intake manifold assy	Cracked	2,420.00	2,420.00
84	1	Throttle body	Cracked	1,850.00	1,850.00
85	1	Throttle sensor	Missing	420.00	420.00
86	1	Front temperature sensor	Missing	323.00	323.00
87	1	Gearbox housing	Cracked	16,800.00	16,800.00
88	1	Gear box valve body	Cracked	980.00	980.00
89	1	Gear box oil sump	Dented	420.00	420.00
90	1	Gear box mounting	Tear	480.00	480.00
91	1	Engine control module (ECU)	Malfunction	3,200.00	3,200.00
92	2	Engine mounting sides	Cracked	1,040.00	1,040.00
93	1	Engine mounting center	Cracked	480.00	480.00
94	1	Engine oil sump	Dented	850.00	850.00
95	1	Engine top cover	Missing	420.00	420.00
96	1	Front immobilizer sensor ECU	Cracked	845.60	845.60
97	2	Front air bag sensor	Missing/ Cracked	780.00	780.00
98	1	Air bag ECU	Malfunction	2,450.00	2,450.00
99	1	Steering airbag	Necessary	2,248.00	2,248.00
100	1	passenger airbag	Necessary	1,985.00	1,985.00
101	2	Front seatbelts	Jam	1,440.00	1,440.00
102	2	Front seatbelts buckles	Jam	780.00	780.00
103	1	Front dashboard	Cracked	3,250.00	3,250.00
104	1	Front steering inner coupling	Necessary	485.00	485.00
105	1	Front steering garnish cover	Cracked	680.00	680.00
106	1	Front crossmember	Bent	2,980.00	2,980.00
107	6	Front crossmember bushes	Necessary	1,080.00	1,080.00
108	2	Front driveshafts	Broken	5,970.00	5,970.00
109	2	Front suspension assy	Bent	1,570.80	1,570.80
110	2	Front suspension mountings	Jam	456.00	456.00

JDJ APPRAISAL

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S/No	Qty	Vehicle Parts Description	Condition	Workshop Estimate Before Discount (S\$)	Recommendation (S\$)
111	2	Front lower arms	Bent	1,168.00	1,168.00
112	2	Front knuckle arms	Bent	840.00	840.00
113	2	Front stabilizer bars	Bent	530.00	530.00
114	2	Front stabilizer bar linkages	Bent	448.00	448.00
115	2	Tie rod ends	Bent	380.00	380.00
116	2	Front wheel speed sensors	Tear	440.00	440.00
117	2	Front brake pipes	Tear	280.00	280.00
118	1	Front LH wheelhub	Bent	797.00	797.00
119	1	Front LH wheel bearing	Jam	560.00	560.00
120	1	Front LH brake rotor	Dented	625.50	625.50
121	1	Front brake caliper	Jam	448.00	448.00
			TOTAL :	139,263.03	128,623.03
<i>less market discount</i>			<i>10%</i>	13,926.30	12,862.30
				125,336.73	115,760.73

Special Nett Items

1	1	Front w/wscreen solar flim	Necessary	350.00	350.00
2	2T	Front w/screen sealant	Necessary	180.00	180.00
3	1	Front I.U bracket	Necessary	20.00	20.00
4	20	Front fender undershield clips	Missing	90.00	90.00
5	10	Front bumper clips	Missing	45.00	45.00
6	20	Engine lower cover clips	Missing	90.00	90.00
7	10	Engine lower side cover clips	Missing	45.00	45.00
8	1set	Front No.plate with holder	Missing	50.00	50.00
9	4L	Radiator coolant	Necessary	120.00	120.00
10	1	Air filter	Necessary	40.00	40.00
11	1	ATF fluid	Necessary	120.00	120.00
12	2	Front rims	Bent	1,600.00	1,600.00
13	1	Front LH tyre	Tear	380.00	380.00

TOTAL S/N : 3,130.00 3,130.00

TOTAL FOR SPARE PARTS : 128,466.73 118,890.73

JDJ APPRAISAL

Annex B: Adjustment on Labour and Spray Painting

Item	Job Description	Workshop Quote (\$)	Adjusted cost (\$)
1	Labour to do cutting , welding , replace repair , on accident affected area	4,000.00	3,500.00
2	Towing charges on king dolly / add false wheel Fron accident scene to reporting workshop , then to worshop)	600.00	600.00
3	Labour to remove refix engine and replace gearbox	450.00	400.00
4	To replace broken wiring , refix wire, check connection forcus headlamps	400.00	350.00
5	To replace front dashboard	350.00	250.00
6	To replace front radiator & check cooling system	200.00	180.00
7	To replace A/C condenser, compressor, A/C parts, refill gas , remove refix coiling coil, A/C blower	400.00	350.00
8	To do front chassis body repair, to align chassis	400.00	350.00
9	To replace front w/screen and refix solar flim	240.00	200.00
10	To do anti rust on affected area	180.00	150.00
11	To do sealant , seal gap, waterproofing on accident cutting , welding affected area	300.00	250.00
12	Labour to replace front undercarriage , crossmember etc	350.00	300.00
13	To do spray painting on accident affected area	2,000.00	1,800.00

JDJ APPRAISAL

14	To do setting, delete fault code, reset , reprogramme after repair	1,000.00	800.00
15	To do computer wheel alignment	100.00	80.00

TOTAL FOR LABOUR & SPRAY PAINTING :	10,970.00	9,560.00
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Summary

	Estimated by Workshop (\$)	Adjusted Cost (\$)
TOTAL FOR SPARE PARTS :	128,466.73	118,890.73
TOTAL LABOUR & SPRAY PAINTING :	10,970.00	9,560.00
TOTAL REPAIR COSTS :	139,436.73	128,450.73

JDJ APPRAISAL

Annex C: Report & Recommendation

Assessor's Report

The general damage area is around front support panel , front bumper front fenders, support panel assy, engine compartment area, front undercarriage assy, crossmember, car interior, airbag dashboard etc for being damage.

(For more information, please refer to damaged parts list and photographs.)

Assessor's Recommendation

M/s AE Auto Pte Ltd estimated repair cost is \$ 139, 436.73 and we have revised and adjusted the cost to \$ 128,450.73 on a part by part basis.

Recommend Lump Sum Repair amount \$100,000.00

It required a total of 34 working days for the repairs.

Vehicle Surveyed By:


Soh Meng Lim
JDJ APPRAISAL