

ASS. REC. BY:

REF:

~~CS3/ASM20013508/Cqf3~~

Special Instruction:

Surveyor: GQASSIGNMENT (Office)

11/02/2022

From (Person): STACEY NG of AXADate/Time: ~~07/12/2020 11:22 AM~~

Estimated Cost:

Bill to:

OD ☒ TP WS / TP RES / OD RES / EVA / INV / MV / CSTo Inspect Vehicle No: SLA 3451PInsured: SJB 3782Cat Workshop m/s GARAGE 13Tel: 63851171of NO8 KAKI BUKIT AVE 4 #03-46

Policy No:

Claim No: SOM02YBJ

Sum Insured:

Excess:

Make of Veh:

D.O.A. 07-12-2020

(Client's Record)

"WP"

CA / REV / REP. / REV 24 HRS

H.O.D. Endorsement:

Date/Time: 08-12-20 11.38A.MPerson Contacted: IRENEVehicle ☒ IN/OUT

Date/Time	Action/Instruction (X) Estimate
	SLA 3451P- X
	SJB 3782C- X

ASSIGNED BY: Carl

PRS

CS3/ASM20013508/Gqf3

ASSIGNMENT

From: _____ Date: _____

Estimated Cost: _____

OD / TP / WS / TP RES / OD RES / EVA / INV / MV

To Inspect Vehicle No: _____

at Workshop m/s: Garage B

of _____

Insured: _____

Policy No. _____

Claims No. _____

S0M02YBJ

Sum Insured: _____

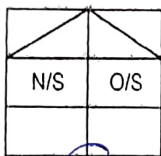
Excess: _____

(Client's Record)

Make of Veh: _____

(Policy Condition)

Remark: The veh had commenced its repair at the time of inspection.



Bal. or Market Value: \$82k

IDAC Accident Rpt: _____ Consistent? : Yes or No

GIA / PR Seen: _____ Consistent? : Yes or No

Est. Repairs: 5 days Res.: Yes or No

Lum Sum: _____ % 3 Val.: Yes or No

CA / REV / REP. / 24 HRS

Vehicle: IN / OUT

Date: _____ Person Contacted: _____

Veh No: _____

SLA3451P

(r Regn: 26 Feb/2016

Type: M.Cat / M.Cycle / Bus / Van / Lorry / Taxi / Prime Mover /

Truck / Trailer or

Make: _____

Toyota Estima c.c. 2362

Colour: _____

Blue

A/C: Insured / Std / NI / NA

Sp. Reading: _____

71526

T/Radio: Insured / Std / NI / NA

Eng/No: _____

C/No: _____

AER 507126872

Gen. Cond: Good / Fair / Poor / Burnt

Steering: In order / Jammed / Leaked / Burnt or

Brake: In order / Jammed / Leaked / Burnt or

Modi: Nil / S/Rim / STD A/Rim or

Tyre Size: F: _____

235/50R18

R: _____

11

BS / DUN / EXNOVA / GY / FS / LIZA / MIC / OHTSU / PIR / SUMI /

TOYO / YOKO or

Front

Rear

R/Bal. _____

6

mm

R/Bal. _____

6

mm

L/Bal. _____

6

mm

L/Bal. _____

6

mm

D.O.A. _____

D.O.I. _____

08-12-20

Survey held at _____

W/S

4pm

Des. of Damages: Frt / Rear / O/S / N/S / U/C / Rooftop or

The U/C / Chassis frame / Body Structure affected due to collision.

Date / Time

Action / Instruction

\$4000 - \$5000

GIA give later

23/12/20@1pm revised to Stacey Ng via Smart Claims.

23/12/20 Submit PRS.

21/02/22 Submit LS \$5200, 5 days (Red \$1800, 26%)

Date/Time, File Pass to?

☐

: Preli. Report

Days Of Repair: 5

21/02 Typist

☐

: Final Report

Resurvey No. of Trip: _____

Date/Time, File Return to?

Add Fee: _____

☐

: Site Insp (\$

☐

: Interview (\$

☐

: Tech. Insp. (\$

☐

: Total Fee

Survey Fee: _____

Transportation: _____

: \$ + RS. \$

: Photos

: Other

Request Form

TP

Request Form

5200

Truck / Trailer or

Truck / Trailer or

Our reference: 21-7100

Date: 20/12/2020

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

Dear Sirs

**RE: Road Traffic Accident on 7/12/2020
Yeo Sher How**

In accordance with your instructions received in this office on **8/12/2020**, we made arrangements to examine the vehicle on **8/12/2020** at above-mentioned address. The following data was recorded:

Vehicle details

Make	Toyota	Registration	SLA3451P
Model	Estima	Chassis	ACR507126872
Colour	Blue	Gearbox	Auto
Odometer	71526km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

Tyre Depths

Front left	235/50R18	85% Michelin
Front right	235/50R18	85% Michelin
Rear left	235/50R18	85% Michelin
Rear right	235/50R18	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 **\$7,000.00** and **7** working days for repair, which is sufficiently lower than the pre accident value to render the vehicle an economically and physically reliable proposition.

Subsidiaries of Impact Analysis Consultant:

- Impact Analysis Consulting Pte Ltd • Impact Analysis Academy Pte Ltd • IA Racking Solutions Pte Ltd
 - IA Accounting & Consultancy Pte Ltd • Infoknights International Services (Philippines) • IABN Pte Ltd
- www.iaconsulting.sg

Our reference 21-7100
Date 20/12/2020
Page 2

Section A: Damaged Parts Assessment

Part's Description	Qty	Condition As Inspected	Repairer's Estimate	Our Adjustment
List Items :				
Tail gate ✓	1	bent	1552.40	1552.40 ✓
Tail gate weather strip ✓	1	ripped/nec	325.70	325.70 ✓
Tail gate logo ✓	1	necessay	66.78	66.78 ✓
Tail gate emblem 'ESTIMA' ✓	1	necessay	48.50	48.50 ✓
Tail gate emblem 'AERAS' ✓	1	necessay	47.00	47.00 ✓
Tail gate inner lock ✓	1	bent-in	385.20	385.20 ✓
Tail gate inner trim ✓	1	deformed	499.00	499.00 ✓
Tail gate inner outer garnish SVC	1	intact	312.40	0.00
Tail gate windscreen moulding ✓	4	necessay	185.70	185.70 ✓
Tail gate reflector @\$315.00 SVC	2	refix	630.00	0.00
Rear bumper ✓	1	deformed	1321.50	1321.50 ✓
Rear bumper reflector @\$75.00 SVC	2	refix	150.00	0.00
Rear bumper side retainer @\$78.33 (front) X SVC	2	necessay/damaged	156.66	156.66 X
Rear bumper side retainer @\$58.33 (rear) X SVC	2	necessay/damaged	116.66	116.66 X
Tail lamp @\$558.90 SVC	2	refix	1117.80	0.00
Rear end panel ✓	1	mutiple-dented/bent	698.20	698.20 ✓
Rear end panel top garnish ✓	1	deformed	277.40	277.40 ✓
Rear end panel top garnish lower ✓	1	deformed	185.80	185.80 ✓
Rear fender inner trim @\$625.80 X SVC	2	material yield/deformed	1251.60	1251.60 X
Rear floor panel	1	repair.	1150.00	0.00
Rear bumper sponge @\$95.00 ✓	2	damaged	190.00	190.00 ✓
Sub- Total cost			10668.30	7308.10 5783.18
Percentage discount : 25%			2667.08	1827.03
Sub-Total costs for parts			8001.23	5481.08 4337.38

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Our reference 21-7100

Date 20/12/2020

Special Nett Items:

Rear reverse sensor ✓	set	malfunction	250.00	250.00	200
Rear end panel top garnish clips ✓	3	necessary	15.00	15.00	✓
Tail gate keyless sensor X SVC	1	damaged	250.00	250.00	✗
Tail gate keyless buzzer ✓	1	damaged	120.00	120.00	✓
Tail gate windscreen sealant ✓	1	necessary	60.00	60.00	✓
Rear end panel sealant ✓	1	necessary	50.00	50.00	✓
Rear bumper clip ✓	set	necessary	50.00	50.00	30
Sub-Total costs for parts			795.00	795.00	475

Parts Repair

*	*	*	0.00	0.00
Sub- Total costs			0.00	0.00
Total costs for parts			8796.23	6276.08

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- www.iaconsultingsg.com

Our reference 21-7100

Date 20/12/2020

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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	23	600 \$ 1,035.00
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		800 \$ 900.00
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ ✓ 80.00
Remove and refix tailgate rear windscreen glass. (2-man job)	\$ 45.00	3.5	120 \$ 157.50
Remove and replace rear bumper reverse sensor & conduct distance safety setting.	\$ 45.00	1.7	40 \$ 76.50
Transfer tailgate mechanism	\$ 45.00	1.7	60 \$ 76.50
Specialist charges - Dignostic fault code / reset			\$ ✗ 100.00
Conduct water leak test for rear portion associated repair works	\$ 45.00	1.5	\$ ✗ 67.50
Wiring / bulb checking (inclusive of re-focus / re-adjust on angle of light intensity.)	\$ 45.00	0.8	30 \$ 36.00
Total labour cost			\$ 2,529.00

Manhour rate and the number of manhours required for each repairing task are formulated based on individual workshop's 1730 operating cost and in-house@ IA Research Guidelines respectively.

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Our reference 21-7100

Date 20/12/2020

Section C: Summary Table of Total Repair Cost

Description		Cost
Damaged Parts Assessment (See section A)		\$6,276.08
Labour Cost Calculation (See section B)		\$2,529.00
Total cost		\$8,805.08
Lump sum repair		\$1,761.02
Further discount	20%	
Total Repair Cost		\$7,000.00

6542.38

-20%: 5200

5 Days

We would recommend a sum of \$7,000.00 and 7 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)
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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- www.iaconsulting.sg.com

Vehicle no.: SLA 3451P

S/N.	PARTS	NETT	S/NETT	LABOUR
1	\$ 1,552.40		\$ 200.00	\$ 600.00
2	\$ 325.70		\$ 15.00	\$ 800.00
3	\$ 66.78		\$ 120.00	\$ 80.00
4	\$ 48.50		\$ 60.00	\$ 120.00
5	\$ 47.00		\$ 50.00	\$ 40.00
6	\$ 385.20		\$ 30.00	\$ 60.00
7	\$ 499.00			\$ 30.00
8	\$ 185.70			
9	\$ 1,321.50			
10	\$ 698.20			
11	\$ 277.40			
12	\$ 185.80			
13	\$ 190.00			
14				
15				
16				
17				
18				
19				
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28				
29				
30				
31				
32				
33				
34				
35				
36				
	\$ 5,783.18	\$ -	\$ -	\$ 475.00
		\$ -	\$ -	\$ 1,730.00
	Sub Total:	\$ 5,783.18	10%	
	25%	\$ 1,445.80	\$ -	
		\$ 4,337.39	\$ -	
			TOTAL:	\$ 6,542.39
			80% Lump Sum:	\$ 5,233.91
			Round Off:	\$ 5,200.00

CHECK:

S/N. PARTS

NETT

S/NETT

LABOUR

1

2

3

4

5

6

7

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11

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14

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\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
		Sub Total:	\$	-			10%				
		25%	\$	-	\$	-					
			\$	-	\$	-					

TOTAL:	\$	-
0% Lump Sum:	\$	-
Round Off:	\$	-



Your Ref: S0M02YBJ

Date: 28th Feb 2022

Our Ref: CS3/ASM20013508/Gqy3e2-1

M/s Axa Insurance Pte Ltd

8 Shenton Way #24-01

Axa Tower

Singapore 068811

(The Motor Claims Department)

Attn: Stacey Ng

Dear Sir / Madam,

**EVALUATION REPORT (PAPER SURVEY) OF ACCIDENT VEHICLE NO: SLA 3451P
INSURED VEHICLE: SJB 3782C
ACCIDENT DATE: 07/12/2020**

We thank you for your instruction on 11/02/2022.

We acknowledge receipt of the following documents:-

- a) Automobile Inspection Report of SLA 3451P from M/s Impact Analysis Consultant.
- b) Singapore Accident Statement and Police Report of Vehicles SLA 3451P.
- c) Final Repair Bill of SLA 3451P from M/s Garage 13 Pte Ltd.
- d) Colour damaged vehicle photographs of SLA 3451P.

Pre-Repair Inspection Date : 08/12/2020 at M/s Garage 13 Pte Ltd, 8 Kaki Bukit Ave 4 #03-46 Premier, Singapore 415875.

Based on the documents received from you, we have evaluated the damages of the vehicle and have the following comments:-

1. Information Recorded: -

Registration Number	: SLA 3451P
Make & Model	: Toyota Estima Aeras 2.4 A
Year of Registration	: 2016
Chassis Number	: ACR507126872
Engine Capacity	: 2362 cc

- 2. We recommend that the repairs of the entire damage require about 5 (Five) working days to complete.
- 3. We hereby provide our recommendations on the cost of repair to the damaged vehicle as stated in the following page.



LKK Auto Consultants Pte Ltd

51 Ubi Ave 1 #01-25 Paya Ubi Industrial Park, Singapore 408933

TEL: 6256 3561 FAX: 6256 4315

Reg. No: 199607198R GST Reg. No. 19-9607198-R

Page No.:1 of 2

ADJUSTMENT ON REPAIR COST FOR VEHICLE NO. SLA 3451P

Qty	Description of Parts	Condition	Estimate By Workshop (\$)	Our Adjusted (\$)
<u>REPLACEMENT OF PARTS</u>				
1	TAIL GATE	BENT	1,552.40	1,552.40
1	TAIL GATE WEATHER STRIP	RIPPED / NECESSARY	325.70	325.70
1	TAIL GATE LOGO	NECESSARY	66.78	66.78
1	TAIL GATE EMBLEM 'ESTIMA'	NECESSARY	48.50	48.50
1	TAIL GATE EMBLEM 'AERAS'	NECESSARY	47.00	47.00
1	TAIL GATE INNER LOCK	BENT	385.20	385.20
1	TAIL GATE INNER TRIM	DEFORMED	499.00	499.00
1	TAIL GATE INNER OUTER GARNISH	SERVICEABLE	312.40	-
4	TAIL GATE WINDSCREEN MOULDING	NECESSARY	185.70	185.70
2	TAIL GATE REFLECTOR @\$315.00	SERVICEABLE	630.00	-
1	REAR BUMPER	DEFORMED	1,321.50	1,321.50
2	REAR BUMPER REFLECTOR @\$75.00	SERVICEABLE	150.00	-
2	REAR BUMPER SIDE RETAINER (FRONT) @\$78.33	SERVICEABLE	156.66	-
2	REAR BUMPER SIDE RETAINER (REAR) @\$58.33	SERVICEABLE	116.66	-
2	TAIL LAMP @\$558.90	SERVICEABLE	1,117.80	-
1	REAR END PANEL	MUTIPLE-DENTED / BENT	698.20	698.20
1	REAR END PANEL TOP GARNISH	DEFORMED	277.40	277.40
1	REAR END PANEL TOP GARNISH LOWER	DEFORMED	185.80	185.80
2	REAR FENDER INNER TRIM @\$625.80	SERVICEABLE	1,251.60	-
1	REAR FLOOR PANEL	TO REPAIR SEE LABOUR	1,150.00	-
2	REAR BUMPER SPONGE @\$95.00	DAMAGED	190.00	190.00
	LESS 25% DISCOUNT		-2,667.08	-1,445.80
			8,001.22	4,337.38
<u>SPECIAL NETT ITEMS</u>				
1	SET REAR REVERSE SENSOR (SN)	MALFUNCTION	250.00	200.00
3	REAR END PANEL TOP GARNISH CLIPS (SN)	NECESSARY	15.00	15.00
1	TAIL GATE KEYLESS SENSOR (SN)	SERVICEABLE	250.00	-
1	TAIL GATE KEYLESS BUZZER (SN)	DAMAGED	120.00	120.00

Report Ref No. CS3/ASM20013508/Gqy3e2-1



LKK Auto Consultants Pte Ltd

51 Ubi Ave 1 #01-25 Paya Ubi Industrial Park, Singapore 408933

TEL: 6256 3561 FAX: 6256 4315

Reg. No: 199607198R GST Reg. No. 19-9607198-R

Page No.:2 of 2

Qty	Description of Parts	Condition	Estimate By Workshop (\$)	Our Adjusted (\$)
1	TAIL GATE WINDSCREEN SEALANT (SN)	NECESSARY	60.00	60.00
1	REAR END PANEL SEALANT (SN)	NECESSARY	50.00	50.00
1	SET REAR BUMPER CLIP (SN)	NECESSARY	50.00	30.00
			795.00	475.00
	LABOUR			
	TO DISMANTLE, REPLACE, CUT, WELD, KNOCK OUT DENTS TO STRAIGHTEN ACCIDENT PARTS AS-MENTIONED ON THE 'PARTS REPAIR' COLUMN INCLUSIVE OF REPLACEMENT PARTS. INCLUSIVE OF THE REPAIR OF REAR FLOOR PANEL.		1,035.00	600.00
	PUTTY & SPRAY PAINTING TO ADJACENT PANELS. JOB ALLOWANCE. PAINT / MATERIAL.		900.00	800.00
	APPLY RUST PROOFING ON THE ADJACENT PANELS.		80.00	80.00
	REMOVE AND REFIX TAILGATE REAR WINDSCREEN GLASS. (2-MAN JOB)		157.50	120.00
	REMOVE AND REPLACE REAR BUMPER SENSOR & CONDUCT DISTANCE SAFETY SETTING.		76.50	40.00
	TRANSFER TAILGATE MECHANISM.		76.50	60.00
	SPECIALIST CHARGES - DIAGNOSTIC FAULT CODE / RESET.	NOT NECESSARY	100.00	-
	CONDUCT WATER LEAK TEST FOR REAR PORTION ASSOCIATED REPAIR WORKS.	NOT NECESSARY	67.50	-
	WIRING / BULB CHECKING (INCLUSIVE OF RE-FOCUS / RE-ADJUST ON ANGLE OF LIGHT INTENSITY).		36.00	30.00
			2,529.00	1,730.00
GRAND TOTAL			11,325.22	6,542.38
RECOMMENDED COST OF LUMP SUM REPAIRS (TO ITS PRE-ACCIDENT CONDITION)				5,200.00

Report Ref No. CS3/ASM20013508/Gqy3e2-1

XING GUO QIANG

M.MATAI, AMSAE-A

Automotive Assessor

ADRIAN LING WAI PING

B.Eng,AMSOE,AMIRTE,AMSAE-A,M.MATAI

Licensed Appraiser

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