

Our reference: 20-03-9164

Date: 25/3/2020

**INVOICE NO. 9164**

**Yeo Wee Kim**

c/o Everdawn Auto Service

8, Kaki Bukit Ave 4

Premier@Kaki Bukit

#01-02 Singapore 415875

Registration No. **SLU9330K**

We enclose our fee note for your kind attention, which remains payable irrespective of the outcome of this case.

| S/No.        | Description of Services Provided  | Qty | Amount                  |
|--------------|---|-----|-------------------------|
| 1            | Being vehicle damage assessment report, inspection, photographs, transport and miscellaneous. | 1   | \$ 498.00               |
| Total amount |   |     | <u><u>\$ 498.00</u></u> |

Please kindly cross all cheques made payable to "Impact Analysis Consultant".

We thank you in anticipation for your prompt payment.



**L. L. Tan (Ms)**

Principal Consultant



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c/o Everdawn Auto Service  
8, Kaki Bukit Ave 4  
Premier@Kaki Bukit

Dear Sirs

**RE: Road Traffic Accident on 14/3/2020  
Yeo Wee Kim**

In accordance with your instructions received in this office on **17/3/2020**, we made arrangements to examine the vehicle on **17/3/2020** at above-mentioned address. The following data was recorded:

#### Vehicle details

|           |          |              |                   |
|-----------|----------|--------------|-------------------|
| Make      | Hyundai  | Registration | SLU9330K          |
| Model     | Elantra  | Chassis      | KMHD841CMJU593601 |
| Colour    | Beige    | Gearbox      | Auto              |
| Odometer  | 15540km  | Paintwork    | Good              |
| Steering  | In order | Brakes       | In order          |
| Condition | Good     |              |                   |

#### Tyre Depths

|             |          |           |
|-------------|----------|-----------|
| Front left  | 19565R15 | 80% Nexen |
| Front right | 19565R15 | 80% Nexen |
| Rear left   | 19565R15 | 80% Nexen |
| Rear right  | 19565R15 | 80% Nexen |

#### 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 **\$3,201.41** and **5** 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  
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### Section A: Damaged Parts Assessment

| Part's Description                 | Qty | Condition As inspected | Repairer's Estimate | Our Adjustment |
|------------------------------------|-----|------------------------|---------------------|----------------|
| <b>List Items:</b>                 |     |                        |                     |                |
| Boot lid                           | 1   | repair.respray         | 985.60              | 0.00           |
| Boot lid Elantra                   | 1   | necessary              | 45.00               | 45.00          |
| Boot lid emblem S                  | 1   | necessary              | 28.00               | 28.00          |
| Boot lid logo                      | 1   | necessary              | 41.20               | 41.20          |
| Rear bumper side retainer @\$36.90 | 2   | serviceable            | 73.80               | 0.00           |
| Rear bumper reinforcement          | 1   | bent                   | 402.56              | 402.56         |
| Rear bumper bracket @\$90.00       | 2   | reuse                  | 180.00              | 0.00           |
| Rear bumper reflector @\$115.00    | 2   | rh damaged lh reuse    | 230.00              | 115.00         |
| Rear bumper                        | 1   | deformed               | 1025.50             | 1025.50        |
| Rear end panel top garnish         | 1   | intact                 | 134.50              | 0.00           |
| Tail lamp @\$412.00                | 2   | intact                 | 824.00              | 0.00           |
| Rear end panel                     | 1   | repair                 | 421.00              | 0.00           |
| Rear bumper lower                  | 1   | deformed/cut           | 452.00              | 452.00         |
| <b>Sub- Total costs</b>            |     |                        | <b>4843.16</b>      | <b>2109.26</b> |
| Percentage discount : 20%          |     |                        | 968.63              | 421.85         |
| <b>Sub-Total costs for parts</b>   |     |                        | <b>3874.53</b>      | <b>1687.41</b> |

#### Special Nett Items:

|                                  |     |             |               |               |
|----------------------------------|-----|-------------|---------------|---------------|
| Rear bumper clips                | set | necessary   | 50.00         | 50.00         |
| Rear reverse sensor              | 1   | malfunction | 250.00        | 250.00        |
| <b>Sub-Total costs for parts</b> |     |             | <b>300.00</b> | <b>300.00</b> |

#### Parts Repair

|                              |   |   |                |                |
|------------------------------|---|---|----------------|----------------|
| *                            | * | * | 0.00           | 0.00           |
| <b>Sub- Total costs</b>      |   |   | <b>0.00</b>    | <b>0.00</b>    |
| <b>Total costs for parts</b> |   |   | <b>4174.53</b> | <b>1987.41</b> |



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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           | 12          | \$ 540.00          |
| Putty & Spray painting to adjacent panels. Job allowance. Paint / material.  | Sub-contract work. |             | \$ 550.00          |
| Apply rust proofing on the adjacent panels.  | Sub-contract work. |             | \$ 25.00           |
| Wiring and bulb checking   | \$ 45.00           | 0.5         | \$ 22.50           |
| Remove and replace rear bumper reverse sensor & conduct distance safety setting.   | \$ 45.00           | 1.7         | \$ 76.50           |
|  | \$ -               | 0           | \$ -               |
| <b>Total labour cost</b>   |                    |             | <b>\$ 1,214.00</b> |

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.



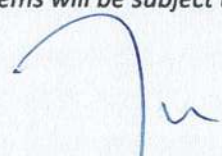
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### Section C: Summary Table of Total Repair Cost

| Description   |           | Cost              |           |
|---|-----------|-------------------|-----------|
| <b>Damaged Parts Assessment<br/>(See section A)</b> |           | <b>\$1,987.41</b> |           |
| Part-By-Part  |           | \$0.00            |           |
| Further discount                                    | <b>0%</b> |                   |           |
| Recommended cost of parts                           |           | <b>\$1,987.41</b> | (1)       |
| <b>Labour Cost Calculation<br/>(See section B)</b>  |           | <b>\$1,214.00</b> | (2)       |
| <b>Total Repair Cost<br/>(Round off to hundred)</b> |           | <b>\$3,201.41</b> | (1) + (2) |

We would recommend a sum of **\$3,201.41** and **5** 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 Automotive 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

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