

Our reference: 19-10-8616

Date: 14/11/2019

**INVOICE NO. 8616**

**Ang Soon Bing Kenny**  
c/o JAS Auto Services  
60 Jalan Lam Huat  
#05-08/09 Carros Centre  
Singapore 737869

Registration No. **SLJ3318U**

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	\$ 648.00
<b>Total amount</b>			<b>\$ 648.00</b>

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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● IA Accounting & Consultancy Pte Ltd ● Infoknights International Services (Philippines) ● IABN Pte Ltd  
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#05-08/09 Carros Centre  
Singapore 737869

Dear Sirs

**RE: Road Traffic Accident on 12/10/2019  
Ang Soon Bing Kenny**

In accordance with your instructions received in this office on **22/10/2019**, we made arrangements to examine the vehicle on **22/10/2019** at above-mentioned address. The following data was recorded:

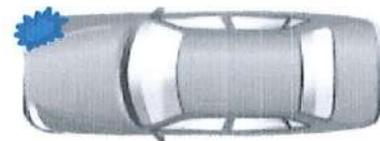
#### Vehicle details

<b>Make</b>	BMW	<b>Registration</b>	SLJ3318U
<b>Model</b>	M6	<b>Chassis</b>	WB56C92030DV74404
<b>Colour</b>	Black	<b>Gearbox</b>	Auto
<b>Odometer</b>	83498km	<b>Paintwork</b>	Good
<b>Steering</b>	In order	<b>Brakes</b>	In order
<b>Condition</b>	Good		

#### Tyre Depths

Front left	265/35ZR20	85% Michelin
Front right	265/35ZR20	85% Michelin
Rear left	305/30ZR20	85% Michelin
Rear right	305/30ZR20	85% Michelin

#### Impact Direction & Area of Damage:



<b>Status</b>	REPAIRABLE
<b>Magnitude</b>	Medium
<b>Legal status</b>	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 **\$8,000.00** and **6** working days for repair, which is sufficiently lower than the pre accident value to render the vehicle an economically and physically reliable proposition.

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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>				
Front bumper / CRU	1	deformed	1598.00	1598.00 ✓
Front bumper side retainer rh / BR	1	necessary	55.00	55.00 ✓
Front bumper fog lamp cover rh / CRU	1	damaged	120.00	120.00 ✓
Front bumper sponge / CRU	1	compressed/damaged	225.00	225.00 ✓
Front bumper reinforcement X SVC	1	reset	558.90	0.00
Headlamp rh / CRA	1	holder damaged	3458.90	3458.90 ✓
Headlamp lower bracket rh / CRA	1	damaged	120.00	120.00 ✓
Headlamp nozzle rh / CRU	1	malfunction	345.60	345.60 ✓
Headlamp cover rh X SVC	1	missing	42.00	42.00 X
<b>Sub- Total costs</b>			6523.40	5964.50 5922.5
Percentage discount : 5%			326.17	298.23 - 5%
<b>Sub-Total costs for parts</b>			<b>6197.23</b>	<b>5666.28 5,626.37</b>
<b>Special Nett Items:</b>				
Front bumper clips	set	necessary	60.00	60.00 ✓
Front bumper lower spoiler (after market)	1	damaged	3200.00	3200.00 1,500
<b>Sub- Total costs</b>			<b>3260.00</b>	<b>3260.00 1,560</b>
<b>Parts Repair</b>				
*	*	*	0.00	0.00
<b>Sub- Total costs</b>			<b>0.00</b>	<b>0.00</b>
<b>Total costs for parts</b>			<b>9457.23</b>	<b>8926.28</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	13	\$ 585.00	300
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 400.00	300
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 10.00	/
Wiring and bulb checking	\$ 45.00	0.5	\$ 22.50	/
*	\$ -	0	\$ -	632.5
<b>Total labour cost</b>			<b>\$ 1,017.50</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.

$$\begin{array}{r}
 P = 5626.37 \\
 N = 1560 \\
 L = 632.5 \\
 \hline
 2,818.87 \\
 - 20\% \\
 \hline
 6,255.10
 \end{array}$$

3 days

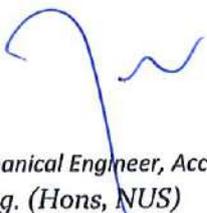
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### Section C: Summary Table of Total Repair Cost

Description		Cost	
<b>Damaged Parts Assessment (See section A)</b>		<b>\$8,926.28</b>	
<i>Further discount</i>	<b>20%</b>	\$1,785.26	
Recommended cost of parts replacement		<b>\$7,141.02</b>	(1)
<b>Labour Cost Calculation (See section B)</b>		<b>\$1,017.50</b>	(2)
<b>Total Repair Cost (Round off to hundred)</b>		<b>\$8,000.00</b>	(1) + (2)

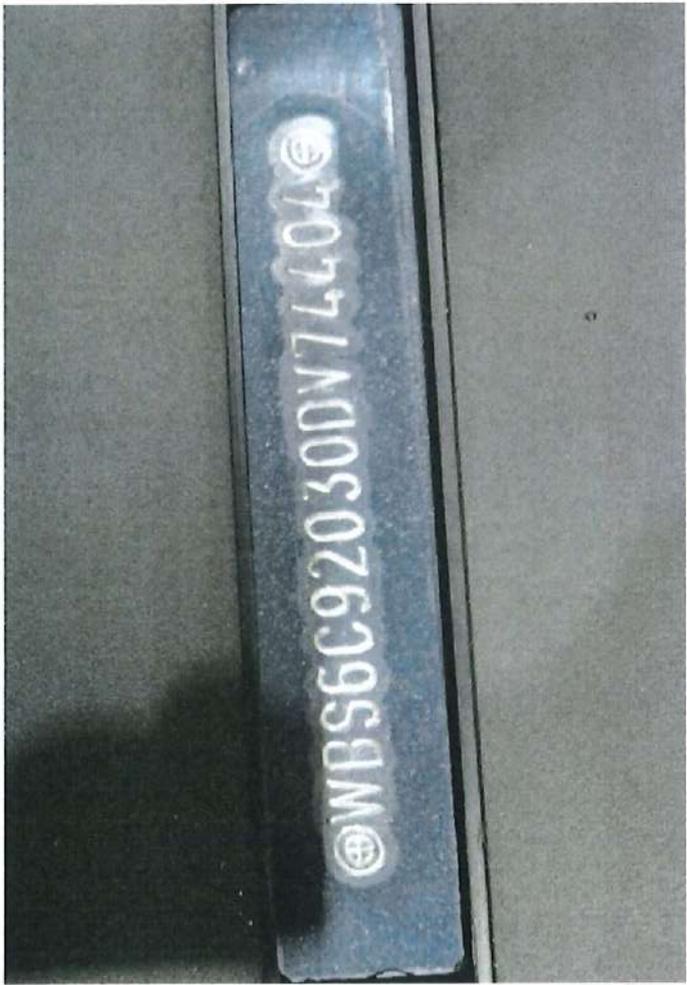
We would recommend a sum of \$8,000.00 and 6<sup>3</sup> working days for repair.  
No further items will be approved without our expressed written agreement. Any significant additional items will be subject to a supplementary report.



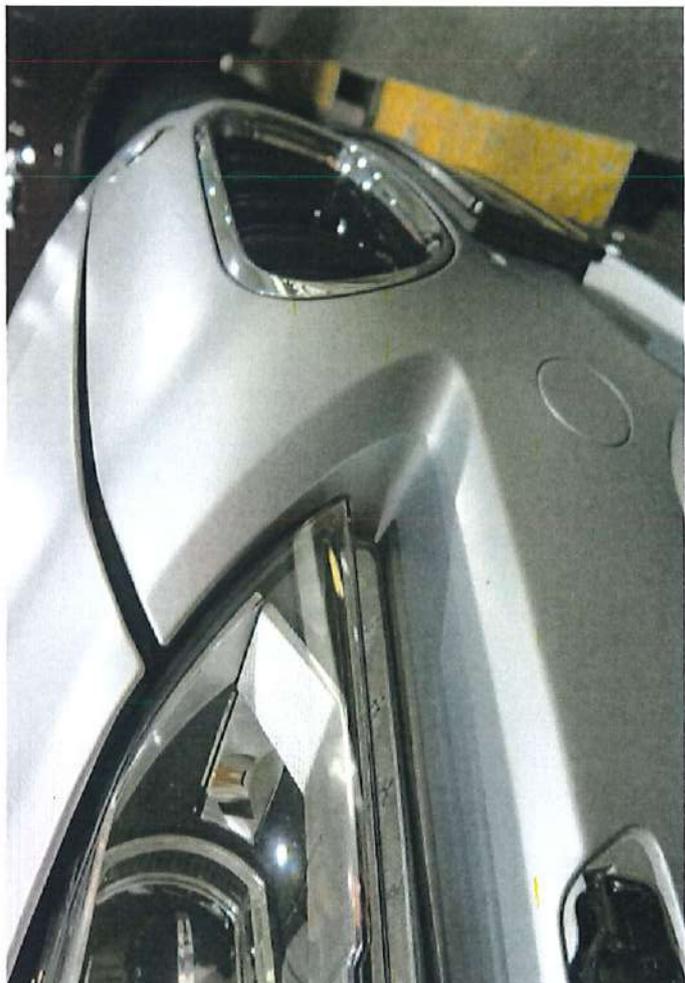
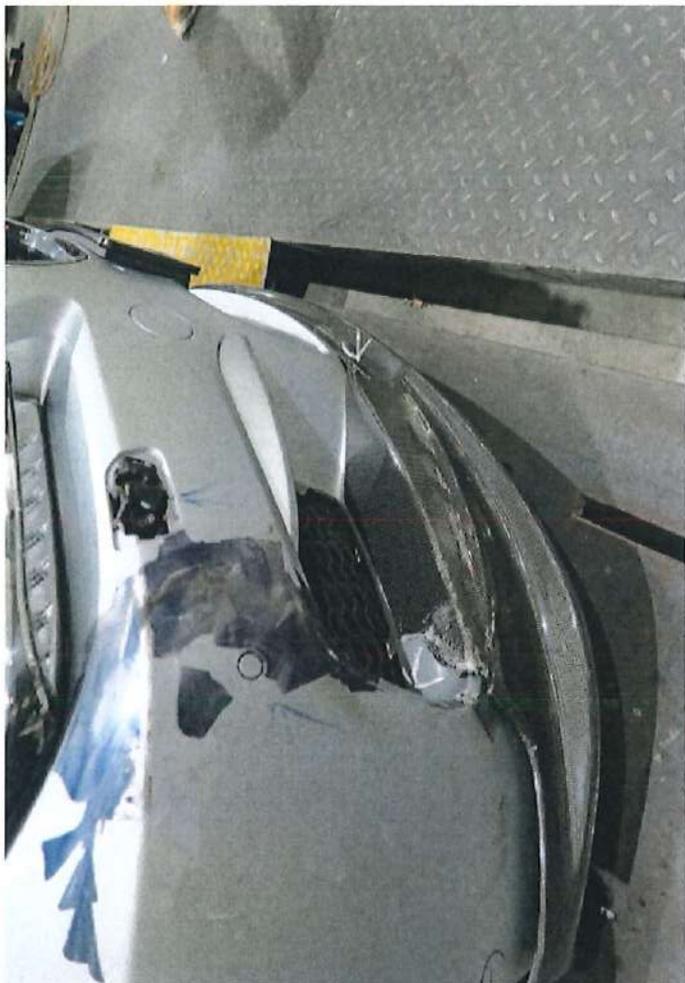
Mechanical Engineer, Accident Expert Witness, Licensed Appraiser (Automobile)  
B.Eng. (Hons, NUS)  
Diploma.Mechanical Engineering  
NTC-2 Automovite Technology  
Sr.MIES, Institution of Engineers, Singapore (#20100091)  
MATAI, Maryland Association of Traffic Accident Investigators  
IAARS, International Association of Accident Reconstruction Specialists  
PMC of Singapore Business Advisors & Consultants Council  
ACTA certified Trainer, Singapore  
SPRING- Recognised Certification for Management Consultants

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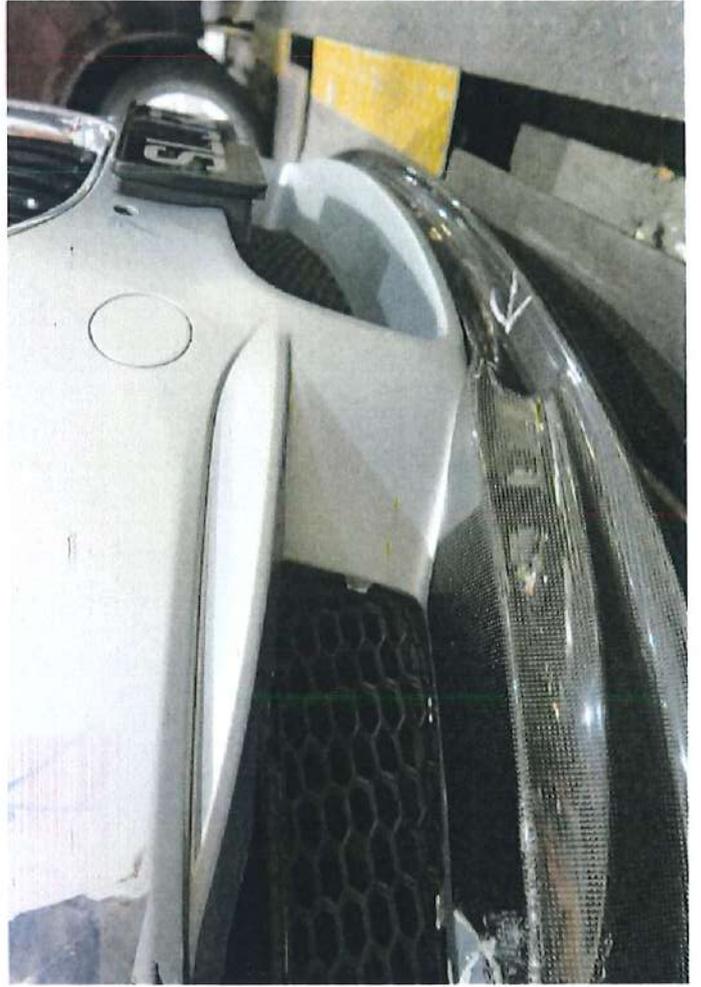
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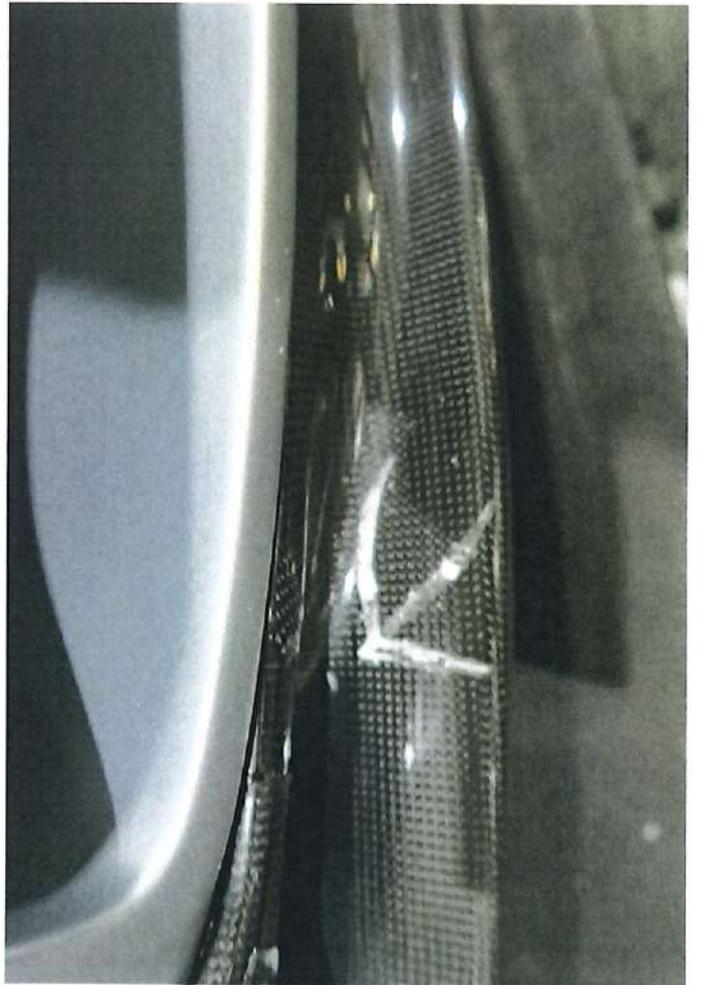


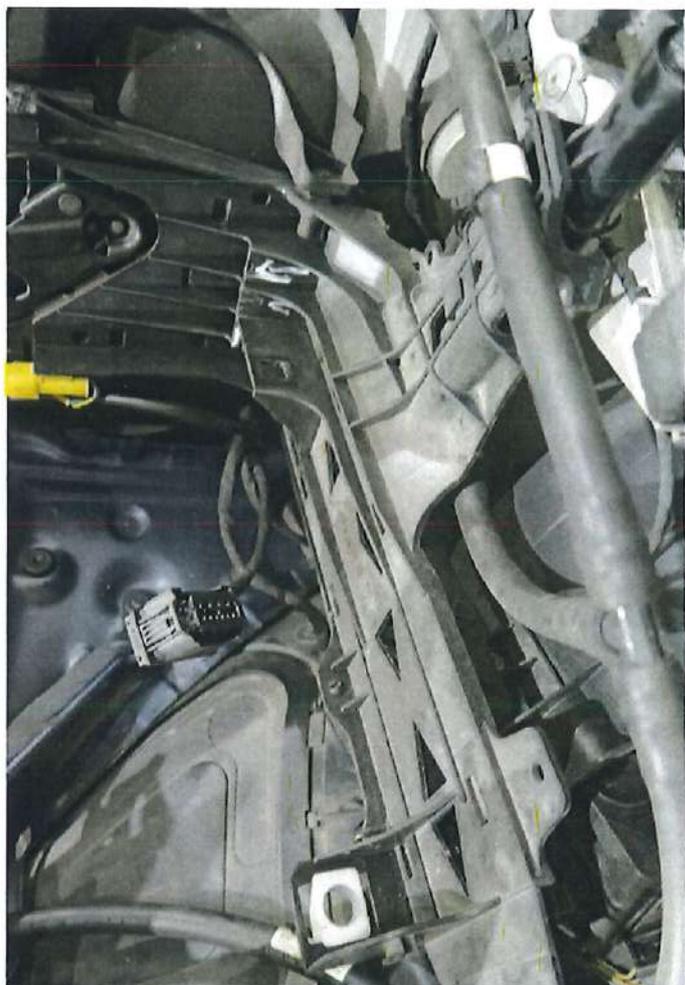


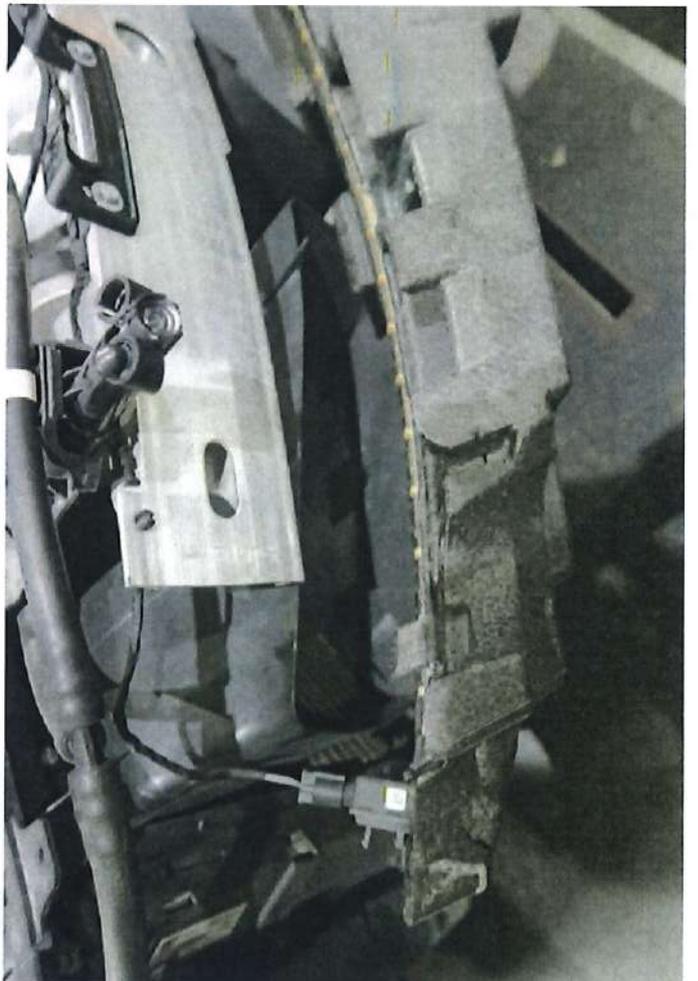
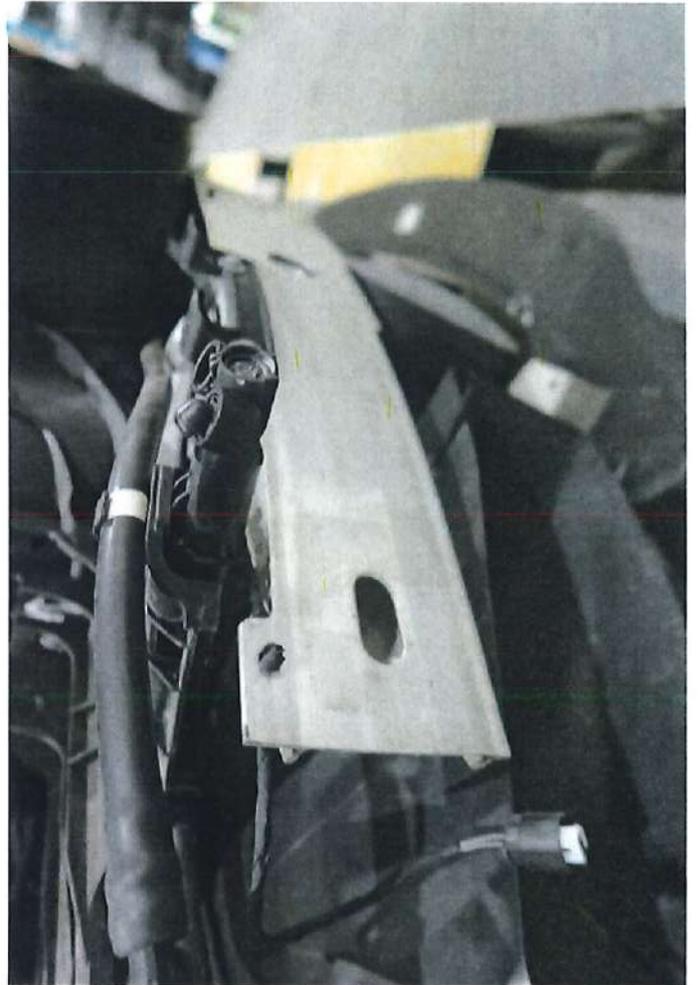




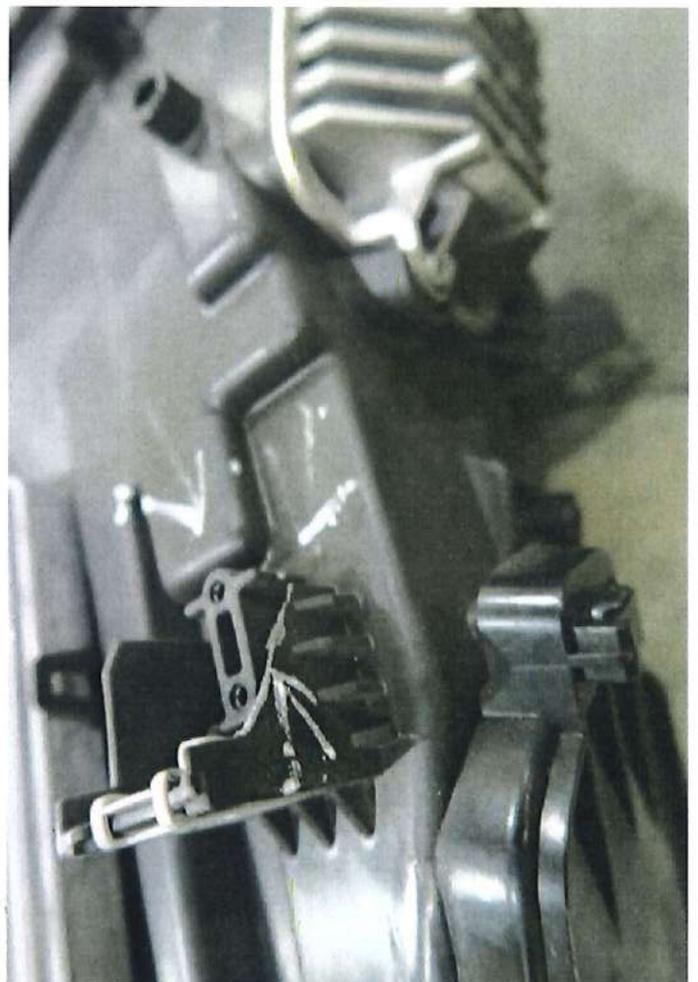
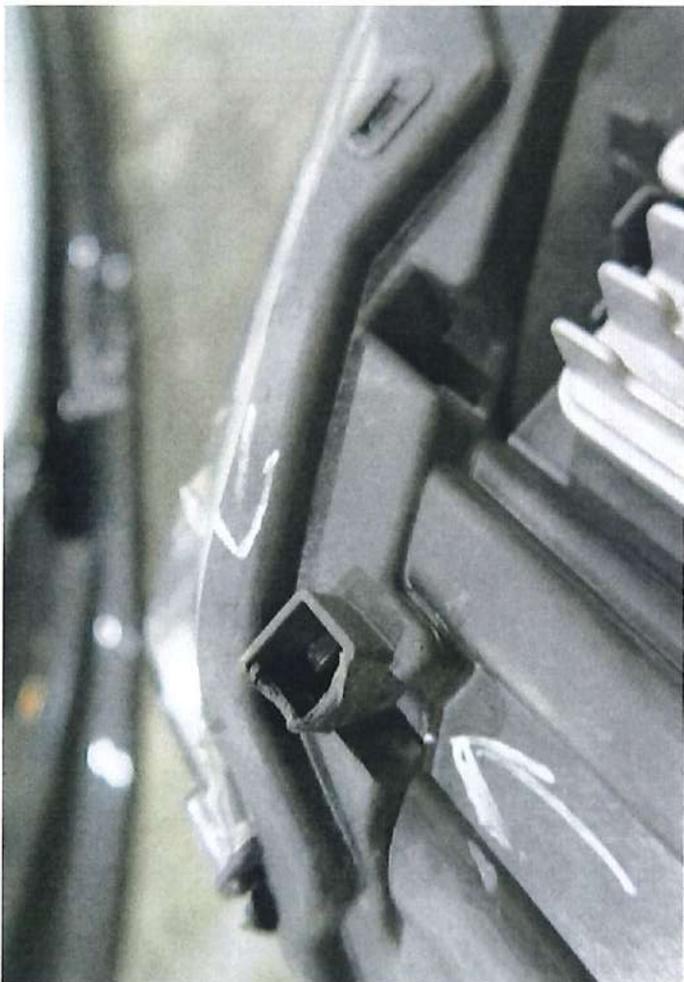


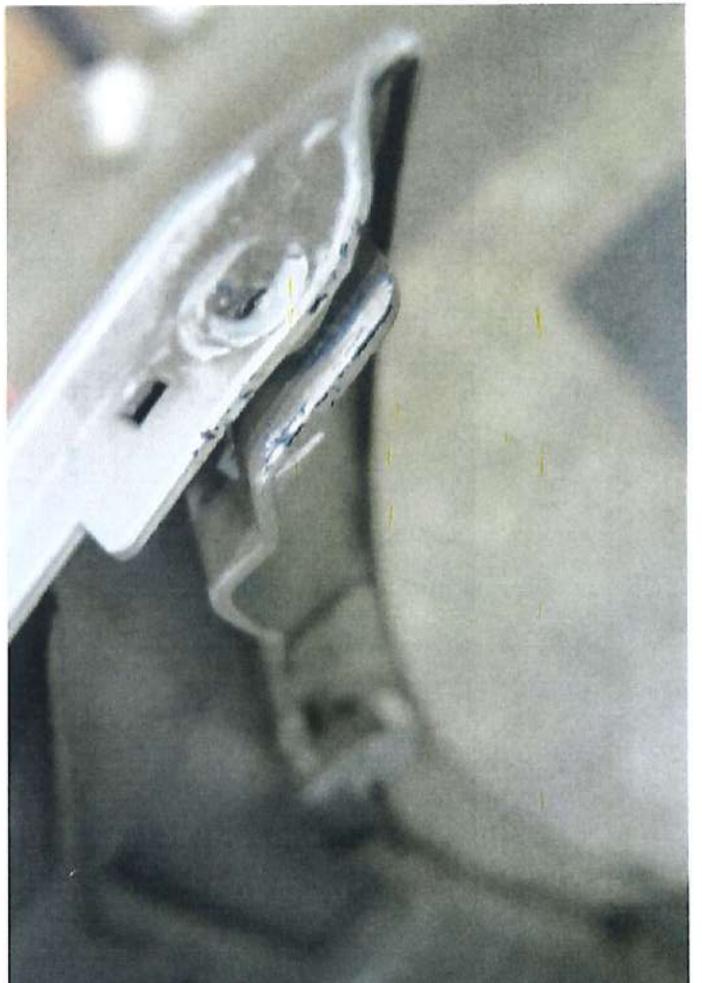












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