

ALL  
PD & PI

# GARAGE 13 PTE LTD

8 KAKI BUKIT AVE 4 #03-46 PREMIER@KB SINGAPORE 415875  
TEL: 9666 4445

Date: 27/9/2021

To NIVC Income Insurance Co-operative Ltd  
Motor Claims Department  
1 Maritime Square  
#10-01 Harbourfront Centre  
Singapore 099253

By fax only

Dear Sir/Mdm,

## NOTIFICATION OF ACCIDENT

Please be informed that an accident involving my/our vehicle no. SMV 6744 C and vehicle(s) no. G8A 5270 A had taken place at / along Sims Ave Twds Geylang on date 26/9/2021 at time 122500 hrs.

Kindly let us know within 2 working days from the date of this notice if you wish to carry out or waive a pre-repair inspection.

If we do not hear from you within 2 working days, we shall proceed to repair the vehicle without further notice and our client shall claim for the additional loss of use arising from the giving of this notification to you.

Please call Ms Jie Ying at 8797 0013 to arrange.

Yours sincerely,



### PRI

Date / Time	28/9/21 11:30
Company Name	NIVC Income
Surveyor	James SEET PAI Benet Jan
Contact No.	
Signature	

confirm proper repair before payout

### DISMANTLED PARTS

Date / Time	29-9-21
Surveyor	Yong Yi 1/10/21 dismantled

10/10/21  
11:30 AM  
S. Lee = Legol's

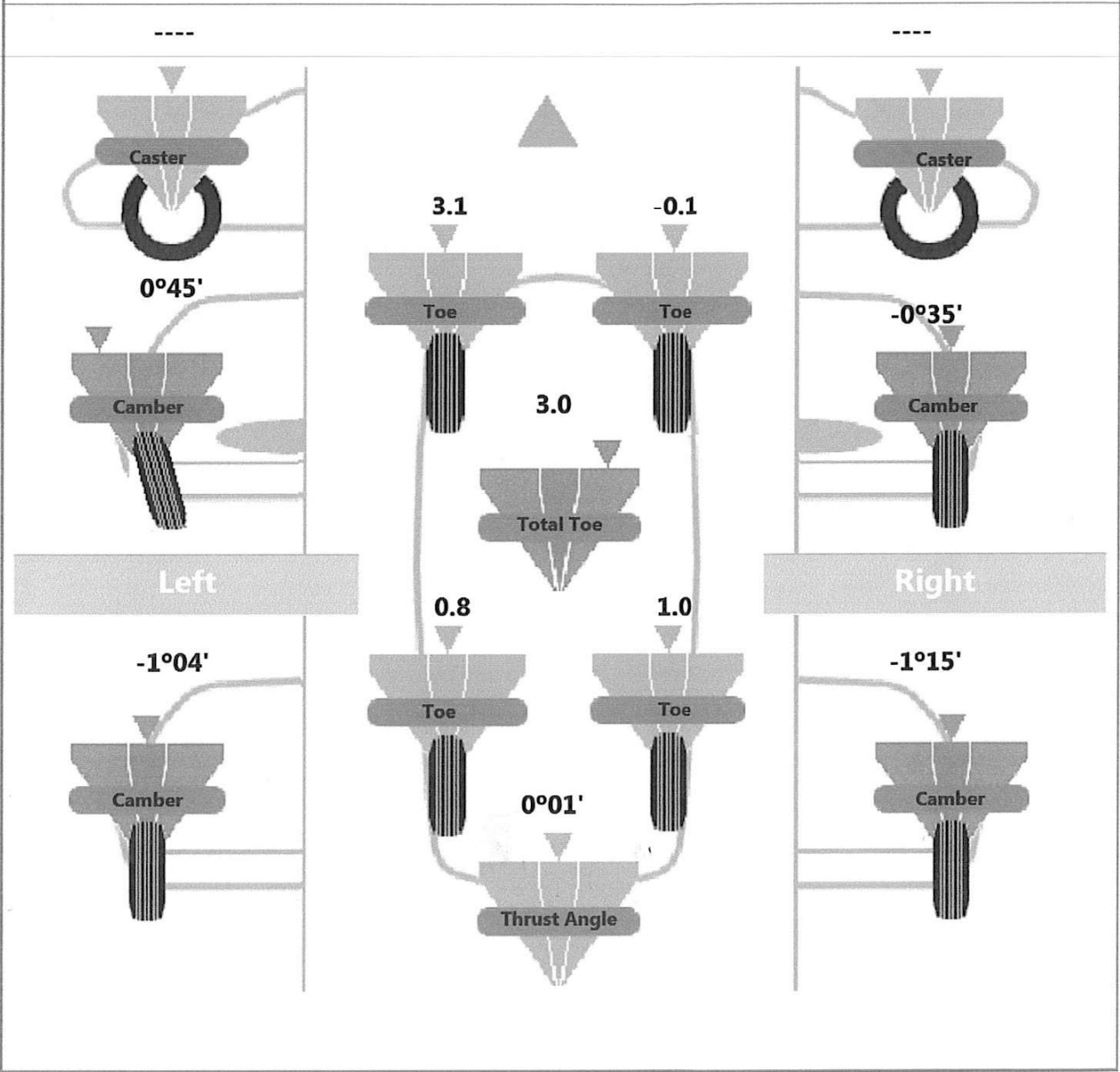
### AFTER REPAIR

Date / Time	14/10/21
Surveyor	Lee

Customer:		Date:	11-Oct-21 12:23 PM
Company:		VIN	
License No:	SMV6744C	Technician:	
Odometer:		Order No.:	

# Graphic Alignment Report

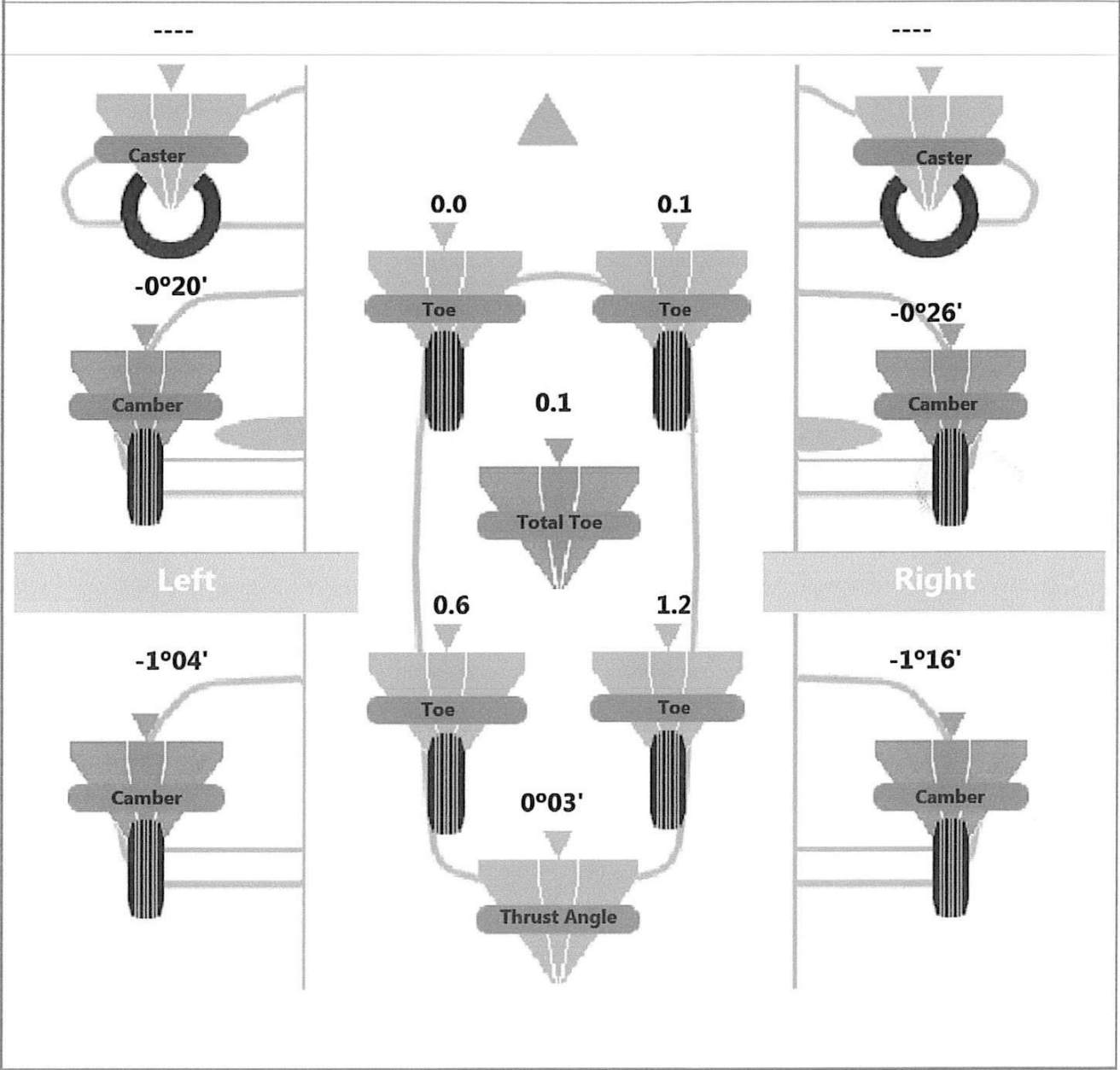
HYUNDAI, 2018, AVANTE(Custom)



Customer:		Date:	13-Oct-21 3:07 PM
Company:		VIN	
License No:	SMV6744C	Technician:	
Odometer:		Order No.:	

# Graphic Alignment Report

HYUNDAI, 2018, AVANTE(Custom)



Our reference: 21-8181  
Date: 20/10/2021

**INVOICE NO. 8181**

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

Registration No. **SMV6744C**

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	\$ 1,101.00
<b>Total amount</b>			<b><u>\$ 1,101.00</u></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*

Our reference: 21-8181

Date: 20/10/2021

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

Dear Sirs

**RE: Road Traffic Accident on 26/9/2021  
Han Zhong Liang**

In accordance with your instructions received in this office on **28/9/2021**, we made arrangements to examine the vehicle on **28/9/2021** at above-mentioned address. The following data was recorded:

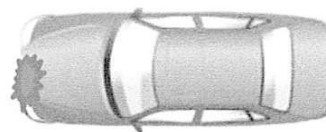
#### Vehicle details

Make	Hyundai	Registration	SMV6744C
Model	Avante	Chassis	KMHD841CMLU100900
Colour	Grey	Gearbox	Auto
Odometer	4460km	Paintwork	Good
Steering	In order	Brakes	In order
Condition	Good		

#### Tyre Depths

Front left	195/60R15	90% Nexen
Front right	195/60R15	90% Nexen
Rear left	195/60R15	90% Nexen
Rear right	195/60R15	90% Nexen

#### 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 **\$22,130.80** and **13** 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.iaconsultingsg.com

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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>				
Bonnet ✓	1	damaged	1910.30	1910.30 <b>1741.2</b>
Bonnet hinge @\$55.20 ✓	2	damaged	110.40	110.40 <b>70</b>
Bonnet lock ✓	1	damaged	75.00	75.00 ✓
Bonnet lock cable X SVC	1	damaged	85.80	85.80
Bonnet insulator X SVC	1	damaged	122.00	122.00
Front bumper X SVC	1	damaged	552.00	552.00
Front bumper sponge ✓	1	damaged	168.90	168.90 ✓
Front bumper reinforcement ✓	1	damaged	795.80	795.80 <b>385.5</b>
Front bumper lower grille X SVC	1	damaged	121.00	121.00
Front bumper side retainer @\$31.20 ✓	1 - 2	damaged.nec	62.40	62.40 <b>31.2</b>
Front bumper fog lamp @\$211.20 ✓	1 - 2	lh missing rh reuse	422.40	211.20 ✓
Front bumper lower deflector ✓	1	damaged	110.00	110.00 ✓
Front bumper air duct @\$75.50 ✓	1 - 2	damaged	150.00	150.00 <b>75.5</b>
Front bumper top rubber seal ✓	1	damaged	42.10	42.10 ✓
Front bumper air grille lh ✓	1	damaged	71.00	71.00 ✓
Front bumper side trim lh ✓	1	damaged	32.00	32.00 ✓
Front bumper upper support @\$77.20 ✓	1 - 2	damaged	154.40	154.40 <b>77.2</b>
Front bumper tow cover ✓	1	damaged	38.10	38.10 ✓
Front bumper lower beam X SVC	1	damaged	199.40	199.40
Front radiator grille assy ✓	1	damaged	498.50	498.50 ✓
Front radiator grille logo ✓	1	damaged	45.70	45.70 ✓
Headlamp @\$1298.80 ✓	2	damaged	2597.60	2597.60 <b>1298.8</b>
Headlamp bracket lh ✓	1	damaged	61.00	61.00 ✓
Headlamp back cover lh X SVC	1	damaged	44.00	44.00
Front wiper garnish X SVC	1	damaged	98.00	98.00
Front wiper side garnish @\$55.20 X SVC	2	damaged	110.40	110.40
Front chassis extension @\$311.20 Repair	2	re-straighten	622.40	0.00
Front chassis end plate @\$152.20 X Repair	2	damaged	304.40	304.40
Front support panel ✓	1	damaged	949.30	949.30 ✓
Front support panel top garnish ✓	1	damaged	125.00	125.00 ✓
Aircon condenser ✓	1	damaged	921.00	921.00 <b>798.7</b>
Radiator ✓	1	damaged	896.40	896.40 <b>710.5</b>
Radiator fan motor assy X SVC	1	damaged	322.00	322.00
Radiator top hose X SVC	1	damaged	104.00	104.00
Radiator neck X SVC	1	damaged	55.00	55.00
Radiator side garnish @\$41.00 ✓	1 - 2	damaged	82.00	82.00 <b>41</b>
Gear box oil sump X SVC	1	damaged	395.60	395.60



Our reference 21-8181  
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Fuse box	1	damaged	223.00	223.00	✓
Air intake shield ✓	1	missing	45.00	45.00	✓
Air filter box ✓	1	damaged	254.80	254.80	✓
Air cleaner box ✓	1	damaged	205.00	205.00	✓
Air cleaner box intake duct ✓	1	damaged	142.00	142.00	✓
Resonator assy ✓	1	damaged	199.10	199.10	✓
Air intake duct extension ✓	1	damaged	35.00	35.00	✓
Front fender @\$1,227.80 ✓	1 - 2	damaged	2455.60	2455.60	966.8
Front fender inner shield lh ✓	1	missing	99.00	99.00	✓
Front fender 1/4 garnish lh ✓	1	missing	71.00	71.00	✓
Front fender inner panel lh X Repair	1	damaged	355.00	355.00	
Front fender top bracket lh X SVC	1	damaged	65.10	65.10	
Front fender outer garnish lh ✓	1	missing	65.00	65.00	✓
Front door lh	1	repair.respray	986.50	0.00	
Front drive shaft lh X SVC	1	damaged	936.70	936.70	
Front shock absorber lh X SVC	1	damaged	372.50	372.50	
Front lower arm lh X SVC	1	damaged	299.00	299.00	
Front knuckle arm lh X SVC	1	damaged	451.00	451.00	
Front knuckle bearing hub lh X SVC	1	damaged	202.00	202.00	
Front knuckle bearing lh X SVC	1	damaged	175.00	175.00	
Front tie rod end outer lh X SVC	1	damaged	102.00	102.00	
Front tie rod end inner lh X SVC	1	damaged	124.00	124.00	
<b>Sub- Total cost</b>			21318.60	19498.50	9963.1
Percentage discount : 20%			4263.72	3899.70	
<b>Sub-Total costs for parts</b>			<b>17054.88</b>	<b>15598.80</b>	

**Special Nett Items:**

Front bumper clips ✓	set	necessary	50.00	50.00	30
Front support panel top garnish clips ✓	set	necessary	25.00	25.00	✓
Front radiator grille clips ✓	set	necessary	20.00	20.00	✓
Front tyre lh X SVC	1	damaged	300.00	255.00	
Front tyre rim lh X SVC	1	damaged	652.00	652.00	
Front windscreen sealant X SVC	1	necessary	50.00	50.00	
Front number plate ✓	1	missing	50.00	50.00	40
Front number plate garnish ✓	1	damaged	65.00	65.00	40
<b>Sub-Total costs for parts</b>			<b>1212.00</b>	<b>1167.00</b>	<b>155</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>18266.88</b>	<b>16765.80</b>	

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• IA Accounting & Consultancy Pte Ltd • Infoknights International Services (Philippines) • IABN Pte Ltd  
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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	48	\$ 2,160.00	800
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 1,600.00	800
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 150.00	60
Remove / refix radiator, top up coolant & conduct pressure test	\$ 45.00	2	\$ 90.00	40
Remove and replace front undercarriage work lh	\$ 45.00	8	\$ 360.00	×
Remove / replace aircon condenser and refill aircon gas	\$ 45.00	3	\$ 135.00	80
Specialist charges - Wheel alignment	-	-	\$ 80.00	×
Specialist charges - Conduct front chassis alignment	-	-	\$ 300.00	×
Programmng / diagnostic and faulty code reset	*	*	\$ 400.00	×
Wiring / bulb checking (inclusive of re-focus / re-adjust on angle of light intensity.)	\$ 45.00	2	\$ 90.00	30
<b>Total labour cost</b>			<b>\$ 5,365.00</b>	<b>1810</b>

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

**9935.48**

**-20%: 7950**

**7 Days**



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

Description		Cost
<b>Damaged Parts Assessment</b> (See section A)		\$16,765.80
<b>Labour Cost Calculation</b> (See section B)		\$5,365.00
<b>Total cost</b>		<b>\$22,130.80</b>
<b>Part-By-Part</b>		\$0.00
Further discount	0%	
<b>Total Repair Cost</b>		<b>\$22,130.80</b>

We would recommend a sum of \$22,130.80 and 13 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)