

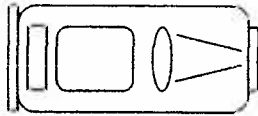
# CARLINK CONSULTANCY

60 Hillside Drive  
Singapore 549009

Tel : 62856178  
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## ACCIDENT VEHICLE INSPECTION / ASSESSMENT REPORT

Our Ref: CL 11155 XE 3025 Z

<b>1 REFERENCE</b>			
Date of request	:	19th August 2019	
Requested by	:	M/S Gim Tian Logistics Pte Ltd 24 Loyang Crescent Singapore 508987	
Type of claim	:	Third party	
Place of Survey	:	160 Sin Ming Drive, #01-03 Sin Ming Autocity, Singapore 575722	
Date of survey	:	19th August 2019	
Accident date	:	18th August 2019	
Date of re-survey	:	9th December 2019 at Yishun Ave 7, URA Heavy Vehicle Car Park	
<b>2 DETAILS OF VEHICLE</b>			
Registration No.	:	XE 3025 Z	
Make & Model	:	Hino FS1EKMD-KAS	
Year of registration	:	12th June 2017	
Engine No.	:	E13CWA11553	
Chassis No.	:	FS1EKM10033	
Transmission	:	Manual	
Speedometer reading	:	48677 Km	
Colour	:	White	
<b>3 STATIC CHECK</b>			
Steering	:	In order	Paintwork : Good
Footbrake	:	In order	Modification : Nil
Handbrake	:	In order	General condition : Good
<b>4 TYRE CONDITION</b>			
		<u>Nearside/Make</u>	<u>Offside/Make</u> <u>Size</u>
Front axle	:	9mm/Bridgestone	9mm/Bridgestone : 295/80 R22.50
Centre axle	:	9mm/Bridgestone	9mm/Bridgestone : 295/80 R22.50
Rear axle	:	9mm/Bridgestone	9mm/Bridgestone : 295/80 R22.50
<b>5 POINT OF IMPACT</b>			
See Annex(es) and Motor Accident Reports			
The point of impact was onto the truck mounted attenuator ("TMA") that was mounted onto the rear of the truck no.			
XE 3025 Z. The TMA was badly damaged due to the force			
of the impact			
<b>6 DETAILS OF THE TRUCK MOUNTED ATTENUATOR ("TMA")</b>			
The damaged TMA was mounted onto the rear side of the truck registration no. XE 3025 Z			
The damaged TMA was a "Scorpion" brand Scorpion 10,000 Model TMA.			
The Land Transport Authority ("the LTA") has approved the use of the TMA model 10,000 for use in Singapore as a piece of road safety equipment since the year 2001.			
The LTA base issued a Code of Practice - Traffic Control at Work Zone. This code includes a section on the proper use and maintenance of a truck mounted attenuator.			
The "Scorpion" brand Scorpion Model 10,000 TMA ("TMA Model 10,000") has been manufactured by a company named Traffix Devices Inc. of California, USA.			
Traffix Devices Inc. has appointed as the approved distributor and named Eng Soon Huat Engineering Works as the approved installer of the TMA Model 10,000.			
TMA Systems Pte Ltd has appointed Inopave Group Pte Ltd to be the sole authorised dealer of the TMA Model 10,000 in Singapore.			

## Annex A : Assesement / Adjustment on Spare Parts

XE 3025 Z

Item	Vehicle Parts Description	Condition	Qty	W/shop Est. (\$)	Disc (%)	Adjusted Cost (\$)
<b>S/Nett Items</b>						
Supply & install Scorpion Model:10,000 Truck Mounted Attenuator for Truck XE 3025 Z ( S/N: 10021 )						
1	P/N: 10400A Module A Energy Absorber	Buckled/cut	1	\$9,500.00		\$9,500.00
2	Tail lamp with bracket (Left)	Bent/cracked	1	\$200.00		\$200.00
<b>Total for Spare Parts :</b>				<b>\$9,700.00</b>		<b>\$9,700.00</b>

## Annex B : Adjustment on Labour and Spray Painting

XE 3025 Z

Item	Job Description	Workshop Est. (\$)	Adjusted Cost (\$)
1	Full Labour Cost, dismantling, removing, installation, repairing, re-alignment	\$1,200.00	\$1,200.00
TOTAL FOR LABOUR & SPRAY PAINTING :		<u>\$1,200.00</u>	<u>\$1,200.00</u>

### Summary

	Workshop Est. (\$)	Adjusted Cost (\$)
TOTAL FOR SPARE PARTS :	\$9,700.00	\$9,700.00
TOTAL FOR LABOUR & SPRAY PAINTING :	\$1,200.00	\$1,200.00
TOTAL REPAIR COSTS :	<u>\$10,900.00</u>	<u>\$10,900.00</u>

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XE 3025 Z

### Annex C: Recommendation

We have inspected thoroughly the actual damages found on the vehicle/TMA and our assessment is appended in the Annex(es) attached. The condition and age of the vehicle/TMA was considered before we reached our recommendation as to whether the parts need replacement or repair.

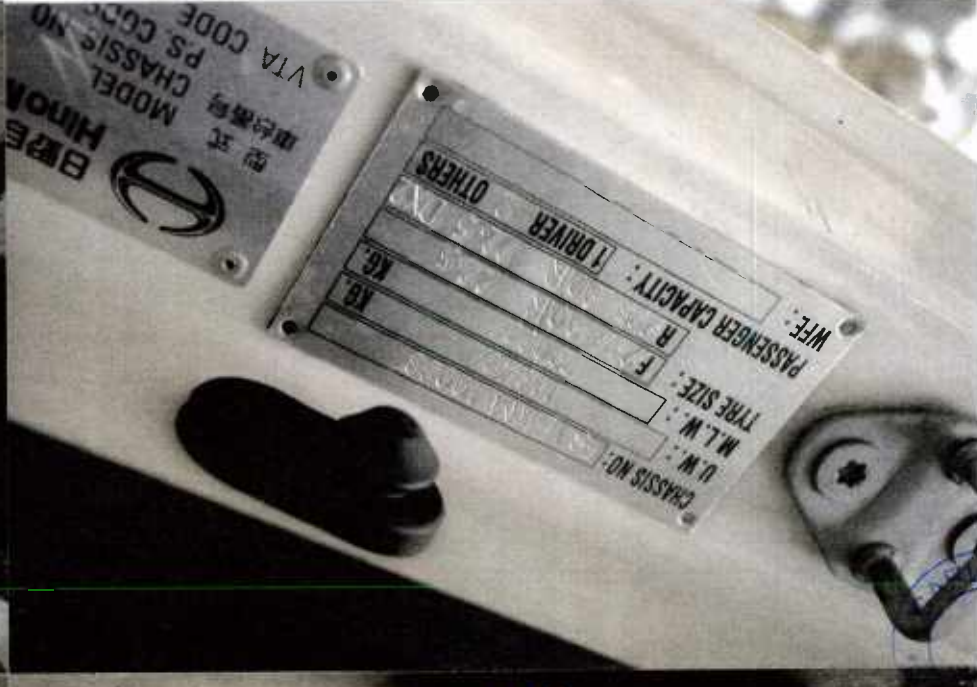
I have reviewed the items and the sums stated in this tax invoice. I am of the professional view that the sum of **S\$10,900.00** stated by M/S Inopave Group Pte Ltd is fair and reasonable.

The repairer took between 18th August 2019 and 9th December 2019 to complete the full replacement of the damaged TMA Model 10,000 with a new one. In our opinion, this period of Eight (08) working days is fair and reasonable.

Yours faithfully,  
CARLINK CONSULTANCY



PATRICK NG  
Automotive Engineer Assessor  
MIMI, MIRTE, LCGI, I ENG, LAE, CGLI FTC.





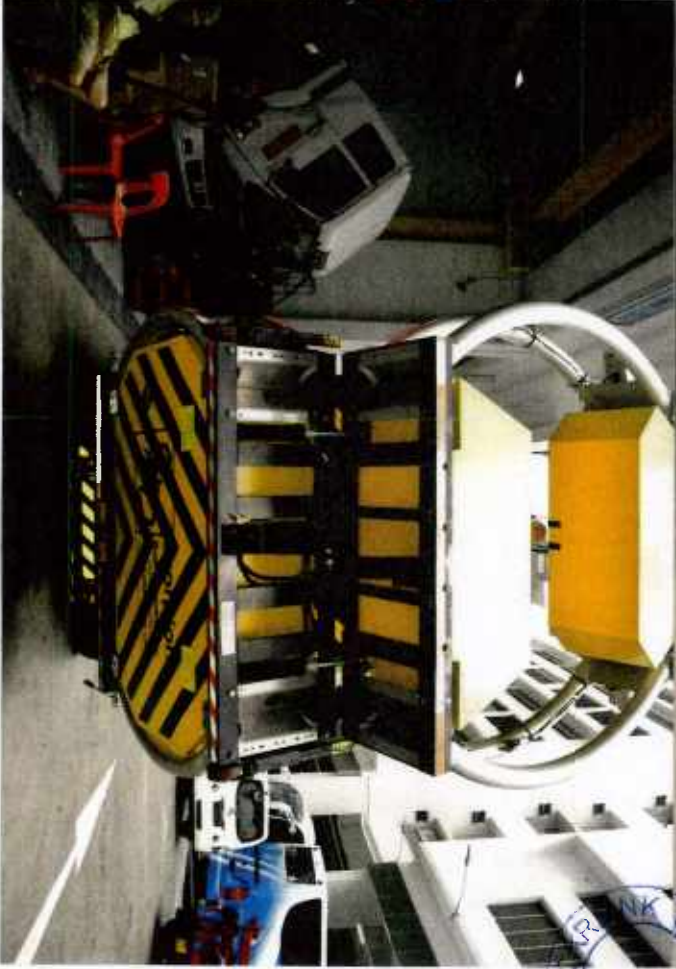
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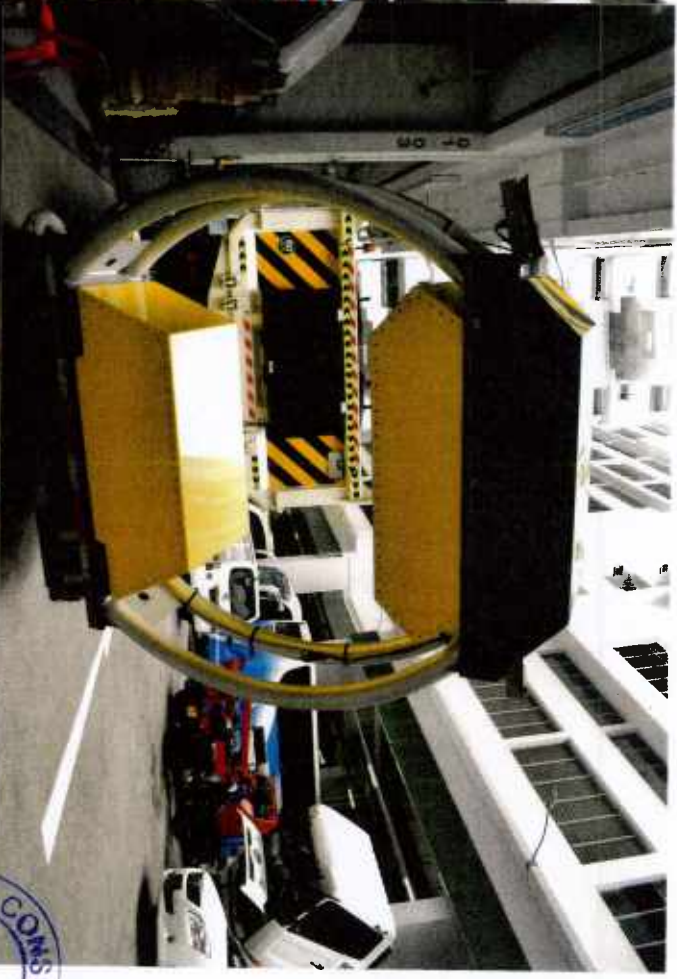
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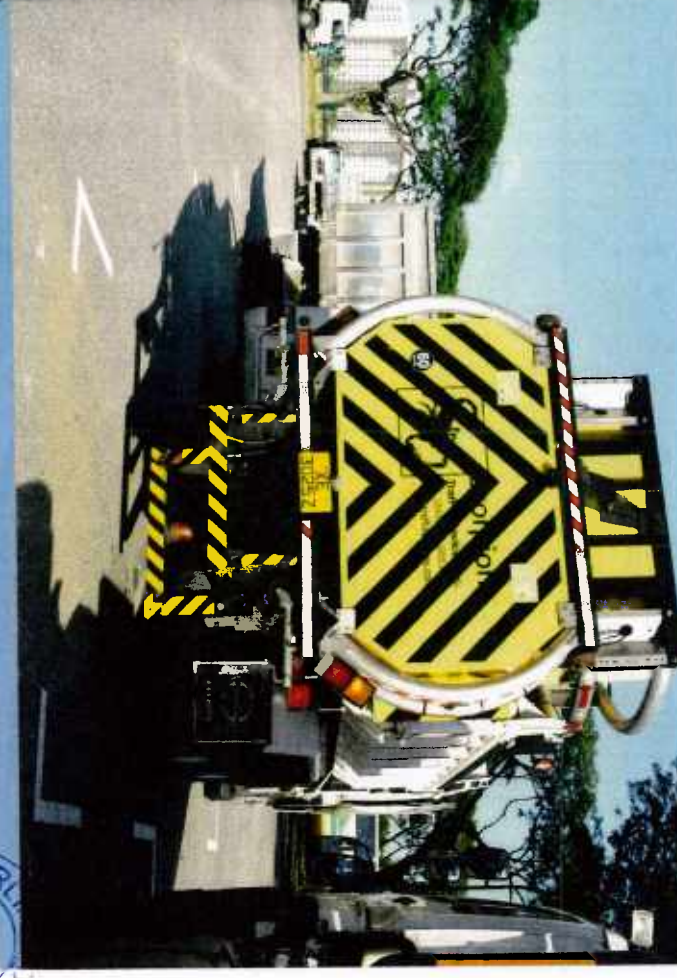
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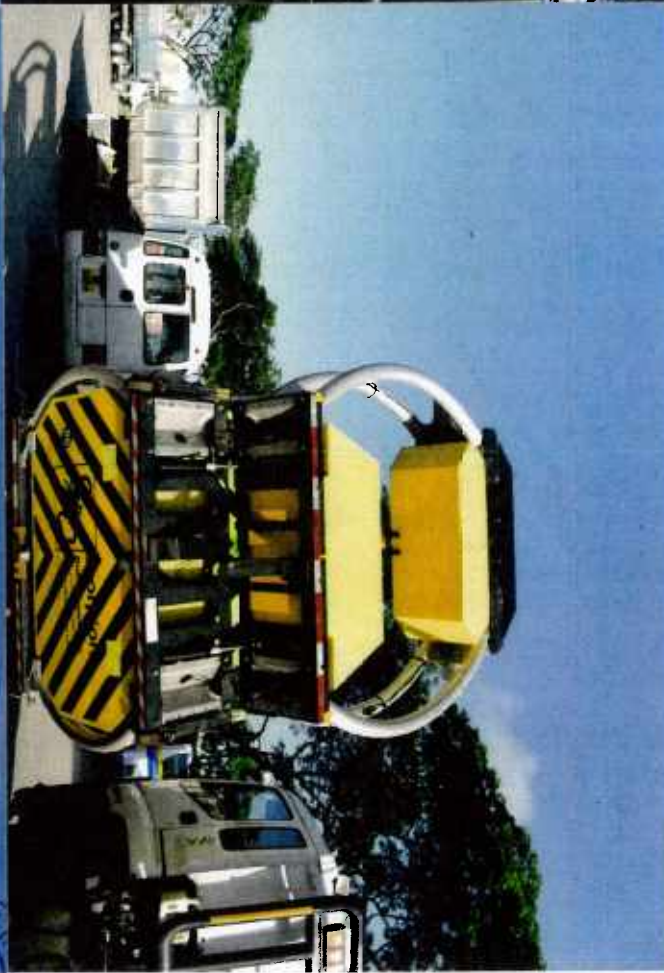
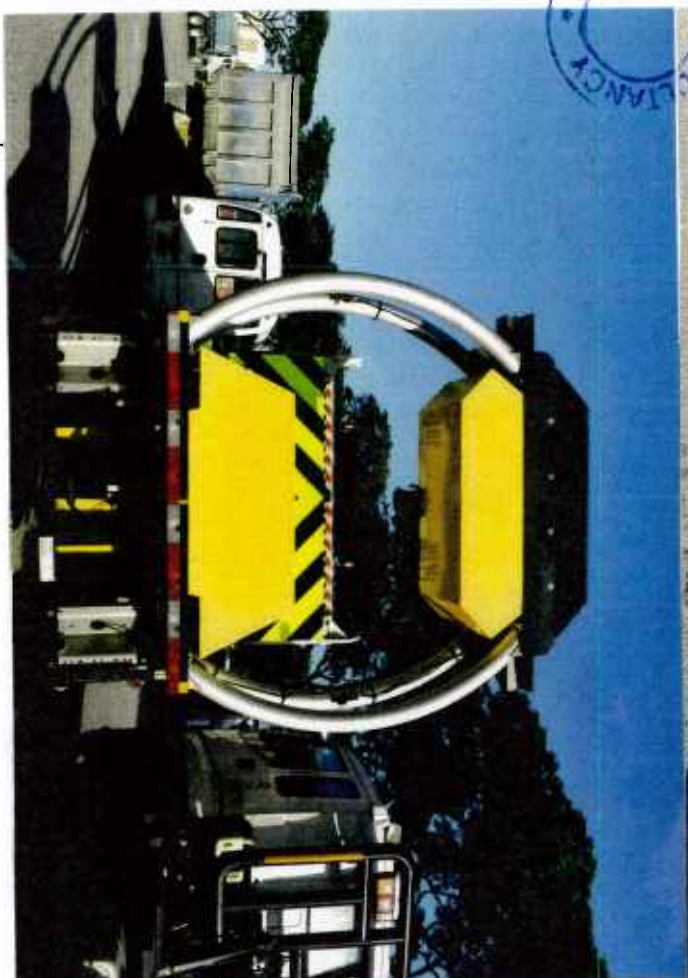


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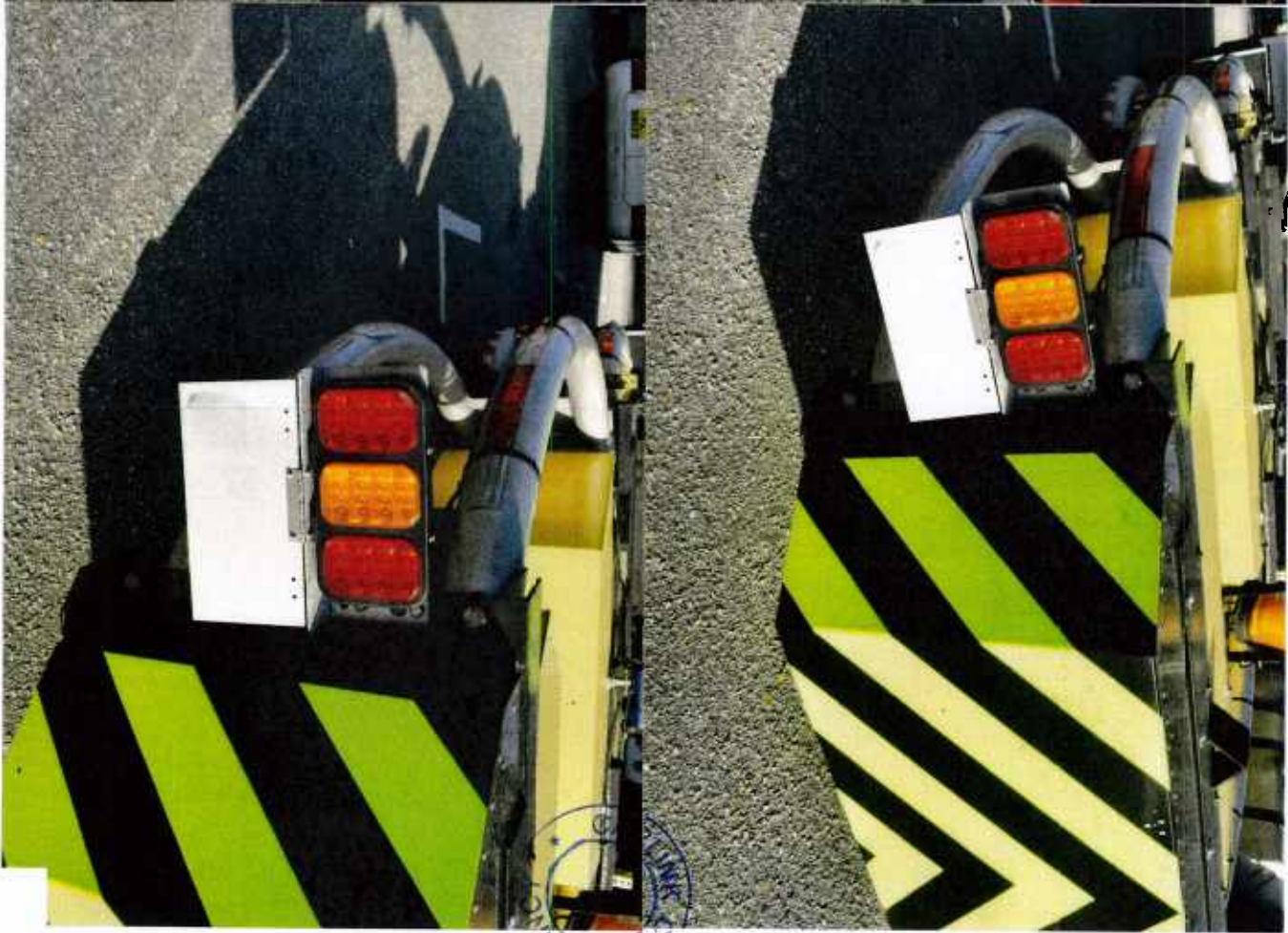


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