

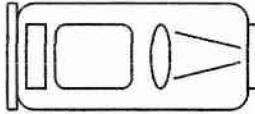
# CARLINK CONSULTANCY

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## ACCIDENT VEHICLE INSPECTION / ASSESSMENT REPORT

Our Ref: CL 12149 XE 3058 D

<b>1 REFERENCE</b>			
Date of request	: 23rd August 2021		
Requested by	: M/S Gim Tian Logistics Pte Ltd 24 Loyang Crescent, Loyang Industrial Estate Singapore 508987		
Type of claim	: Third party		
Place of Survey	: Braddell Heavy Vehicle Carpark		
Date of survey	: 23rd August 2021		
Accident date	: 21st August 2021		
Date of re-survey (After repair)	: On 31rd August 2021 at M/S Eng Soon Huat Engineering Works at Eunus Avenue 7		
<b>2 DETAILS OF VEHICLE</b>			
Registration No.	: XE 3058 D		
Make & Model	: Hino FS1EKMD-KAS		
Year of registration	: 12th June 2017		
Engine No.	: E13CWA11551		
Chassis No.	: FS1EKM10032		
Transmission	: Manual		
Speedometer reading	: 108648 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/Falken	9mm/Falken	: 295/60 R22.50
Centre axle	: 8mm/Golden Crown	8mm/Golden Crown	: 295/60 R22.50
Rear axle	: 8mm/Golden Crown	8mm/Golden Crown	: 295/60 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 3058 D. 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 3058 D			
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 has 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 TMA Systems Pte Ltd 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 3058 D

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 3058 D (S/N:07171)							
1	Module A Energy Absorber (damaged unit S/N: 36448, new unit S/N: 103686)	Buckled/cracked	1	\$11,500.00		\$11,500.00	✓
2	Cartridge Tube Assembly (Left/Right)	Bent/cracked	2	\$14,600.00		\$14,600.00	✓
3	Rear cartridge Diaphragm	Distorted/dented	1	\$2,500.00		\$2,500.00	✓
4	Top Angle	Bent	1	\$500.00		\$500.00	✓
5	Bottom Angle	Bent	1	\$600.00		\$600.00	✓
6	Tail lamp (L/R) with brackets	Bent/cracked	2	\$500.00		\$500.00	X SVC
7	Side Marker with bracket	Bent	2	\$200.00		\$200.00	X SVC
8	Beacon warning light comply to R65 standard	Distorted/faulty	1	\$350.00		\$350.00	X SVC
9	Mechanical Seal for Diameter 3 inch	Distorted/cut	1	\$500.00		\$500.00	X SVC
<b>Total for Spare Parts :</b>				<b>\$31,250.00</b>		<b>\$31,250.00</b>	<b>29700</b>

2500

Total: 32200

2 Days

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XE 3058 D

### 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\$33,750.00** stated by M/S Inopave Group Pte Ltd is fair and reasonable.

The repairer took between 21 August 2021 and 31 August 2021 to complete the full replacement of the damaged TMA Model 10,000 with a new one. In our opinion, this period of Fourteen (14) working days is fair and reasonable.

Yours faithfully,  
CARLINK CONSULTANCY



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