

PRO-OPTION SERVICES

Mailing address: Blk 189B Rivervale Drive, #04-1004, Singapore 542189
Email: mirage1195@gmail.com Mobile: 9061 0543

ACCIDENT VEHICLE INSPECTION REPORT

Report no : 831M22.AAK
Vehicle no : PC5493Y

1 REFERENCE

Date of inspection : 30 August 2022
Requested by : AAK Logistics Services Pte Ltd
4 Penjuru Close
Singapore 608574
Type of survey : Independent
Repairer : Ryder Auto Pte Ltd
2 Kaki Bukit Ave 2, #02-19/22, Singapore 417921
Date of accident : 20 August 2022

2 VEHICLE DATA

Make/model : TOYOTA REGIUS ACE DX 3.0 AUTO
Chassis no : KDH2010209067
Engine no : 1KD2660803
Date of registration : 04 January 2017 COE Expiry Date: 03 January 2027
Engine capacity : 2982 cc
Colour : White

3 STATIC CONDITION CHECK

Steering : Affected
Foot brakes : Serviceable
Hand brakes : Serviceable
Paintwork : Good
General Condition : Fair

4 TIRE CONDITION CHECK

	<u>RH/MAKE</u>	<u>LH/MAKE</u>	<u>SIZE</u>
Front tread	: 6 mm/Maxmiler	6 mm/Maxmiler	195R15
Rear tread	: 6 mm/Maxmiler	6 mm/Maxmiler	195R15

5 BRIEF DESCRIPTION OF DAMAGE

Front bonnet bent/distorted, front support panel bent/distorted, front LH & RH chassis members bent, front RH door bent/distorted, LH front door crushed, LH sliding door crushed, rear LH side outer panel bent/scraped, front floor board panel crumpled, radiator & ircon condenser dented/bent/distorted, etc. Please see para. 8 of this report for more details.

6 REMARKS

This inspection is carried out on a "WITHOUT PREJUDICE" basis and I have not authorized any repairs.

7 RECOMMENDATION

Cost of repairs : \$26,800.00 (lump sum)
Estimated no of days : Forty-four only

8 ASSESSMENT OF DAMAGE AND COSTS

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A SPARE PARTS

<u>Description</u>	<u>Qty</u>	<u>Assessed Condition</u>	<u>Repairer's Amount</u>	<u>Revised Amount</u>
Front bonnet	1	bent/distorted	655.90	655.90
Front bonnet hinge L/R	2	bent/distorted	97.80	97.80 R _y
Front bonnet lock assy	1	bent/distorted	77.90	77.90
Front bonnet Toyota logo	1	necessary	63.40	63.40
LH headlamp assy	1	broken	672.50	672.50
RH headlamp assy	1	broken	672.50	672.50
Front LH & RH headlamp clip	2	necessary	25.80	25.80
Front grille – top	1	dislodged/missing	260.90	260.90
Front grille – bottom	1	dislodged/missing	383.90	383.90
Front support panel assy	1	bent/distorted	454.10	454.10
Front support panel top cover	1	bent/torn/distorted	98.10	98.10
Front brace panel	1	bent	67.60	67.60
Front bumper cover	1	broken	472.80	472.80
Front bumper side retainer LH	1	broken	169.90	169.90
Front bumper top beam	1	bent	165.10	165.10
Front bumper reinforcement	1	bent	397.10	397.10
Front bumper fog lamp hole cover LH & RH	2	LH dented/deformed	264.90	132.45
Front bumper lower grille	1	bent/deformed	181.40	181.40
Front bumper vertical bracket LH & RH	2	bent/distorted	320.60	320.60
Front bumper clip	10	necessary	129.00	129.00
Aircon condenser	1	dented/bent/distorted	1,024.20	1,024.20 978
Radiator assy	1	dented/bent/distorted	1,453.80	1,453.80 1200
Radiator fan grille cover	1	broken	281.80	281.80
Radiator fan rear cowling	1	broken	266.40	266.40
Radiator fan assy	1	jammed	578.90	578.90
Aircon fan assy	1	jammed	612.40	612.40
Turbo intercooler unit	1	to reuse	1,336.10	0.00 X _{nn}
LH front corner panel	1	warped/distorted	121.80	121.80
LH front door assy	1	crushed	1,417.50	1,417.50
LH front door upper/lower hinge	2	bent	264.50	264.50
LH front door lock assy	1	bent/distorted	289.15	289.15
LH front door weatherstrip	1	crushed	281.75	281.75
LH front door frame rubber beading	1	squashed/deformed	186.40	186.40
LH front door check	1	crushed	149.70	149.70
LH front door glass	1	shattered	381.90	381.90
LH front door glass channel	1	bent	245.70	245.70
LH front door trim board	1	bent/cracked	768.90	768.90
LH front door trim board clip	12	necessary	154.80	154.80
LH front door glass regulator	1	bent	289.90	289.90
LH front door power window motor	1	jammed	561.60	561.60
LH front door pillar assy	1	bent/distorted	688.10	688.10
LH front door step board	1	crushed	480.10	480.10
LH front wheel arch panel	1	bent/distorted	560.10	560.10 R _y
LH front wheel arch panel top garnish	1	bent/deformed	121.10	121.10
LH front door rear pillar panel	1	dented/scraped	388.10	388.10 R _y
LH sliding door	1	crushed	1,658.90	1,658.90
LH sliding door lock assy	1	bent/distorted	328.90	328.90
LH sliding door upper roller assy	1	bent	149.90	149.90
LH sliding door lower roller assy	1	bent	198.90	198.90

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LH sliding door centre roller assy	1 bent	179.90	179.90	
LH sliding door weatherstrip	1 broken	289.70	289.70	
LH rear outer panel	1 to repair	1,359.20	0.00	Rx
Wiper washer tank	1 dented/leg bent	182.55	182.55	
Front windscreen glass	1 cracked	1,366.90	1,366.90	
Front windscreen moulding set	1 necessary	261.30	261.30	
Front windscreen wiper garnish	1 bent/deformed	482.20	482.20	
RH front door assy	1 bent/distorted	1,417.50	1,417.50	Rx
RH side outer panel	1 to repair	1,849.90	0.00	Rx
Front dashboard support beam	1 bent	381.85	381.85	
Front dashboard assy	1 broken	980.40	980.40	
Aircon blower motor	1 broken	981.40	981.40	
Aircon heater unit	1 broken	1,217.85	1,217.85	
Front suspension frame assy	1 bent/distorted	2,115.90	2,115.90	
Engine mounting LH & RH	2 broken	299.80	299.80	
LH front steel rim	1 edge bent/scraped	425.60	425.60	
LH & RH front chassis member	2 to repair	1,376.80	0.00	Rx
	Subtotal of the above	36,041.25	29,986.80	27223.30
	Discount 25% / 25%	9,010.31	7,496.70	20417.47
	<u>Subtotal 1:</u>	<u>27,030.94</u>	<u>22,490.10</u>	
(Special nett)				
Front windscreen gum	1 necessary	80.00	80.00	60
ERP unit bracket	1 necessary	26.00	26.00	
"PRIVATE BUS" sticker	2 necessary	70.00	70.00	60
"biz SAFE 4" sticker	2 necessary	80.00	80.00	
Horn set	1 broken	150.00	150.00	100
Front number plate w/frame set	1 cracked	70.00	70.00	45
Front support panel top cover clip	8 necessary	44.00	44.00	
LH front wheelhouse panel top garnish clip	6 necessary	33.00	33.00	
LH & RH front wheel rim cover	2 dislodged/missing	770.00	770.00	500
LH front tyre	1 thread cut	225.00	225.00	200
Radiator coolant	1 necessary	30.00	30.00	
	<u>Subtotal 2:</u>	<u>1,578.00</u>	<u>1,578.00</u>	1178
	Total cost of parts:	<u>28,608.94</u>	<u>24,068.10</u>	
B LABOUR				
Recovery and towing fee.		250.00	250.00	
To check wiring.		60.00	45.00	
To align headlamps and refocus headlamp beams to specifications.		90.00	60.00	40
To apply anti-rust undercoat.		300.00	210.00	100
To remove, transfer and install LH sliding door glass.		140.00	100.00	50
To remove and replace damaged front windscreen glass.		150.00	120.00	
To remove and replace damaged dashboard and support beam.		450.00	300.00	200
To remove and replace damaged aircon blower and heater unit.		450.00	300.00	180

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To remove and replace damaged radiator & fan to facilitate the necessary repairs; and to conduct pressure test to prevent leak.	150.00	120.00 ¹⁰⁰
To remove and replace damaged aircon condenser and to vacuum and charge up aircon gas.	150.00	120.00 ¹⁰⁰
To remove and refit floor board mat, front seats, affected carpet and upholstery to facilitate the necessary repairs.	450.00	300.00 ¹⁵⁰
Labour charges to remove and replace, to cut and weld, to panel beating affected and damaged parts.	4,000.00	3,500.00 ²⁵⁰⁰
Spray painting charges to paint the affected parts and areas – front RH door, front RH side outer panel, front LH door, front LH door pillar, front LH wheel arch panel, front LH sliding door, LH rear side outer panel, front LH door rear pillar panel, LH front corner panel, front floor board panel, front support panel, front boonet, etc.	3,000.00	2,500.00 ²²⁰⁰
To supply and install company artwork and name stickers.	800.00	800.00 ⁶⁰⁰
To conduct 4-wheel computerised alignment to realign wheels.	90.00	90.00
To remove and replace damaged suspension subframe and engine mountings.	700.00	500.00 ⁴⁰⁰ 7125
Total cost of labour:	11,230.00	9,315.00
Total cost of repair:	39,838.94	33,383.10

9 CONCLUSION

The revised or adjusted cost of repairs to restore the vehicle is \$33,383.10

(a) However, the recommended cost of repair based on lump sum basis would be

\$26,800.00

(b) The estimated number of days taken by the repairs would be

Forty-four only

(1st re-inspection conducted on 2 September 2022)

(2nd re-inspection conducted on 5 September 2022)

(3rd re-inspection conducted on 5 October 2022)

(Post Repair Inspection conducted on 12 October 2022)

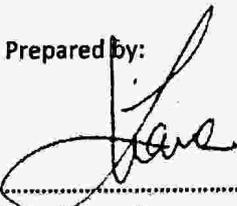
28 720.47
1/5 \$22,950
20 days.

The above recommendations in my view are fair and reasonable for the restoration of the vehicle to its pre-accident condition.

Note: Lump Sum Repair Basis

This means the repairer is allowed to replace the damaged parts with used, reconditioned or new parts, or repair it to a roadworthy condition.

Prepared by:



Liaw Leong San

Licensed Automotive Appraiser

Dated: 18 November 2022