

Report No: 0307-17-TCA

07 August 2017

ACCIDENT VEHICLE SURVEY REPORT

Yes Car Leasing Pte Ltd
210 Turf Club Road Lot-B21 The Grandstand
Singapore 287995

VEHICLE INFORMATION:

Vehicle Reg No.:	SGX7161M	Odometer:	157204km
Make & Model:	Toyota Estima 2.4A	Colour:	Silver
Chassis number:	ACR500043448	Date of accident:	21/01/2017
Year of Regn.:	03/09/2007	Date inspected:	24/01/2017
Repairer at:	Twincar Automotive Pte Ltd Blk 2 Kaki Bukit Ave 2 #01-17 Kaki Bukit Auto Hub Singapore 417921	Date inspected (After Repair):	13/02/2017

STATIC CHECKS, where applicable:

Steering :	serviceable
Footbrake :	serviceable
Handbrake :	serviceable
Paintwork :	Good
General condition :	Good

TIRE CONDITION:

	<u>LH / Make</u>	<u>RH / Make</u>	<u>Size</u>
Front:	3mm/Continental	3mm/Continental	225/50R17
Rear:	3mm/Continental	3mm/Continental	225/50R17

POINT OF IMPACT AND DAMAGE, where applicable:

Impact on the front portion.
Please see details as described in the Annex for parts and labour.

REMARKS:

We have inspected the above-mentioned vehicle on a "Without Prejudice" basis.

Parts and Labour Assessment

PARTS

Description of part	Qty	Condition	Repairer's estimate	Our adjustment
AIRCON CONDENSER	1	bent	1,812.25	1,812.25
AIRCON CONDENSER AIR GUIDE 'LOWER' L/R	2	warped	40.00	40.00
AIRCON CONDENSER AIR GUIDE 'TOP' L/R	2	warped	40.00	40.00
AIRCON CONDENSER LOWER RUBBER BUSH L/R	2	distorted	86.30	86.30
AIRCON CONDENSER TOP BRACKET L/R	2	bent	244.30	244.30
AIRCON CONDENSER TOP RUBBER BUSH L/R	2	distorted	40.20	40.20
AIRCON COOLING PIPE	1	reuse	591.60	0.00
AIRCON DISCHARGE PIPE	1	reuse	588.90	0.00
AIRCON FAN BLADE	1	warped	261.60	261.60
AIRCON FAN MOTOR	1	shorted	581.95	581.95
AIRCON OUTSIDE TEMPERATURE SENSOR	1	reuse	438.20	0.00
AIRCON SUCTION PIPE	1	reuse	561.75	0.00
ENGINE LH SIDE COVER	1	fractured	135.20	135.20
ENGINE LH SIDE COVER CLIPS	6	necessary	39.00	39.00
ENGINE LOWER UNDER COVER	1	fractured	285.40	285.40
FRONT AIR DUCT	1	warped	182.10	182.10
FRONT AIR DUCT HOSE	1	reuse	40.10	0.00
FRONT AIR RESONATOR BOX	1	fractured	455.80	455.80
FRONT BONNET	1	buckled	628.90	628.90
FRONT BONNET CABLE	1	reuse	182.25	0.00
FRONT BONNET HINGES L/R	2	repair	362.20	0.00
FRONT BONNET INSULATOR MAT	1	necessary	387.40	387.40
FRONT BONNET MECHANISM LOCK	1	bent	231.75	231.75
FRONT BONNET RUBBER GUIDE STOPPER L/R	4	deformed	74.44	74.44
FRONT BONNET STAND HOLDER CLIPS	1	necessary	6.50	6.50
FRONT BONNET WEATHERSTRIP	1	deformed	181.10	181.10
FRONT BRACE PANEL	1	bent	182.75	182.75
FRONT BUMPER	1	fractured	1,712.40	1,712.40
FRONT BUMPER INNER SPONGE	1	deformed	211.70	211.70
FRONT BUMPER LH FOGLAMP	1	fractured	217.70	217.70
FRONT BUMPER LH FOGLAMP BRACKET	1	bent	181.10	181.10
FRONT BUMPER LH FOGLAMP GARNISH	1	fractured	181.10	181.10
FRONT BUMPER LOWER CENTER GRILLE	1	fractured	182.25	182.25
FRONT BUMPER LOWER UNDER COVER	1	fractured	106.80	106.80
FRONT BUMPER REINFORCEMENT	1	bent	408.90	408.90
FRONT BUMPER RH FOGLAMP	1	fractured	217.70	217.70
FRONT BUMPER RH FOGLAMP GARNISH	1	fractured	181.10	181.10
FRONT BUMPER SIDE RETAINER L/R	2	necessary	226.90	226.90
FRONT BUMPER TOW HOOK COVER L/R	2	warped	87.80	87.80
FRONT GRILLE	1	fractured	431.40	431.40
FRONT GRILLE 'LOGO' EMBLEM	1	necessary	76.00	76.00

FRONT GRILLE TOP RUBBER SEAL	1	deformed	95.10	95.10
FRONT LH ABS SENSOR	1	shorted	397.10	397.10
FRONT LH AIRBAG IMPACT SENSOR	1	reuse	135.00	0.00
FRONT LH DRIVE SHAFT ASSY	1	reuse	1,712.40	0.00
FRONT LH FENDER	1	buckled	972.55	972.55
FRONT LH FENDER BRACKET	1	buckled	131.35	131.35
FRONT LH FENDER INNER PANEL	1	buckled	781.40	781.40
FRONT LH FENDER INNER SHIELD	1	fractured	372.25	372.25
FRONT LH FENDER INNER SHIELD 'VERTICAL'	1	deformed	182.20	182.20
FRONT LH FENDER INNER SHIELD 'VERTICAL' CLIPS	3	necessary	19.50	19.50
FRONT LH FENDER LOWER GARNISH	1	deformed	181.60	181.60
FRONT LH FENDER LOWER GARNISH CLIPS	2	necessary	13.00	13.00
FRONT LH FENDER QUARTER GLASS MOULDING	1	reuse	195.40	0.00
FRONT LH HEADLAMP	1	broken	1,912.40	1,912.40
FRONT LH HEADLAMP BACK COVER	2	reuse	90.40	0.00
FRONT LH HEADLAMP CLIPS	3	necessary	19.50	19.50
FRONT LH HEADLAMP TOP PANEL	1	buckled	215.50	215.50
FRONT LH KNUCKLE ARM	1	distorted	581.60	581.60
FRONT LH KNUCKLE ARM BEARING	1	dislodged	161.40	161.40
FRONT LH LOWER ARM	1	bent	374.40	374.40
FRONT LH LOWER BALL JOINT	1	dislodged	164.55	164.55
FRONT LH POWER STEERING RACK END	1	reuse	182.10	0.00
FRONT LH POWER STEERING TIE ROD	1	reuse	194.40	0.00
FRONT LH SHOCK ABSORBER	1	bent	372.55	372.55
FRONT LH SHOCK ABSORBER TOP MOUNTING	1	necessary	261.60	261.60
FRONT LH STABILIZER BAR LINK	1	bent	372.70	372.70
FRONT LH SUB CHASSIS FRAME	1	repair	489.50	0.00
FRONT LH SUB CHASSIS FRAME SIDE PANEL 'VERTICAL'	1	repair	215.30	0.00
FRONT RH HEADLAMP	1	fractured	1,912.40	1,912.40
FRONT RH HEADLAMP CLIPS	3	necessary	19.50	19.50
FRONT RH HEADLAMP TOP PANEL	1	repair	215.50	0.00
FRONT SUPPORT PANEL	1	bent	1,043.00	1,043.00
FRONT SUPPORT PANEL TOP GARNISH	1	deformed	325.00	325.00
FRONT WIPER GRILLE	1	fractured	355.00	355.00
FRONT WIPER GRILLE SIDE GARNISH L/R	2	deformed	210.00	210.00
FUSE BOX COVER 'CENTER'	1	reuse	181.75	0.00
FUSE BOX COVER 'LOWER'	1	reuse	231.40	0.00
FUSE BOX COVER 'TOP'	1	reuse	172.10	0.00
FUSE BOX WIRE HARNESS - SET	1	reuse	632.50	0.00
HORN	2	reuse	240.20	0.00
RADIATOR (AUTO)	1	bent	2,050.30	2,050.30
RADIATOR BY PASS HOSE	1	reuse	182.10	0.00
RADIATOR FAN BLADE	1	warped	232.00	232.00
RADIATOR FAN COWLING	1	distorted	289.90	289.90
RADIATOR FAN MOTOR	1	shorted	591.60	591.60

RADIATOR LOWER RUBBER BUSH L/R	2	distorted	87.80	87.80
RADIATOR TOP BRACKET L/R	2	bent	121.60	121.60
RADIATOR TOP COWLING	1	distorted	281.75	281.75
RADIATOR TOP HOSE	1	deformed	131.30	131.30
RADIATOR TOP RUBBER BUSH L/R	2	distorted	87.80	87.80

Subtotal before discount S\$ 33,689.64 S\$ 25,854.59

Percentage discount 25% and 25% S\$ 8,422.41 S\$ 6,463.65

Sub-total 1 S\$ 25,267.23 S\$ 19,390.94

ENGINE LOWER UNDER COVER CLIPS - SET	1	necessary	30.00	30.00
FRONT BONNET INSULATOR MAT CLIPS - SET	1	necessary	30.00	30.00
FRONT BUMPER CLIPS - SET	1	necessary	30.00	30.00
FRONT BUMPER FOGLAMP BULB	1	fused	40.00	40.00
FRONT BUMPER NUMBER PLATE	1	reuse	25.00	0.00
FRONT BUMPER NUMBER PLATE HOLDER	1	reuse	50.00	0.00
FRONT BUMPER PARKING SENSOR - SET	1	shorted	350.00	350.00
FRONT LH 17" SPORT RIM	1	abraded	880.00	880.00
FRONT LH 225/50R17 94V TYRE	1	abraded	680.00	680.00
FRONT LH FENDER INNER SHIELD CLIPS - SET	1	necessary	30.00	30.00
FRONT LH FENDER QUARTER GLASS SEALANT	1	reuse	60.00	0.00
FRONT LH HEADLAMP HIGH BEAM BULB	1	fused	40.00	40.00
FRONT LH HEADLAMP LOW BEAM BULB	1	fused	40.00	40.00
FRONT LH HEADLAMP PARKING BULB	1	fused	10.00	10.00
FRONT LH HEADLAMP SIGNAL BULB	1	fused	15.00	15.00
FRONT SUPPORT PANEL TOP GARNISH CLIPS - SET	1	necessary	30.00	30.00
FRONT WIPER GRILLE CLIPS - SET	1	necessary	30.00	30.00
RADIATOR COOLANT - BOT	1	necessary	80.00	80.00

Subtotal before discount S\$ 2,450.00 S\$ 2,315.00

Sub-total 2 S\$ 2,450.00 S\$ 2,315.00

Parts-total S\$ 27,717.23 S\$ 21,705.94

LABOUR

To remove, change air con parts, vacuums, refill air con gas.	180.00	150.00
To remove, reinstall electrical wiring harness, check lighting, resetting headlamp focussing and rewire for parking sensor.	180.00	60.00
To remove, change front suspension parts, absorber, lower arm, knuckle arm, wheel bearing, bearing hub, drive shaft, anti-roll bar, top-arm and steering rack and pinion.	550.00	450.00
To road test driving, check and resetting wheel alignments system.	180.00	180.00
To re-spray painting on the front bonnet, front support panel, front fender (L/R) and front bumper.	1,250.00	1,000.00
To provide labour, workmanship to change the above damaged bodyparts, repair, re-construct and re-align body structure, body alignments and damaged consistent to the accident.	1,750.00	1,320.00
To apply anti-rust chemical on repaired and replaced panel.	120.00	60.00

Labour Total S\$ 4,210.00 S\$ 3,220.00

Parts & Labour Total S\$ 31,927.23 S\$ 24,925.94

Results of inspection of the accident vehicle are as shown above.

We have taken into consideration the age and condition of the vehicle in our recommendation.

**Hence, the recommended cost of repairs based on Lump Sum repairs is : S\$ 21,200.00
and the recommended number of working days for the repairs is within 12 day(s).**



B J Loi (I Eng, MIMI, AIRTE)
Automotive Appraiser