

# LKK Auto Consultants Pte Ltd (Co.Reg.No:199607198R)

51 Ubi Ave 1 #01-25, Paya Ubi Industrial Park

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## VEHICLE DAMAGE INSPECTION REPORT

Allianz Insurance Singapore Pte. Ltd.  
79 Robinson Road #09-01  
Singapore 068897

**Our File No:** CS/AIS22005932/RVY3E2

**Date:** 28/07/2022

### REFERENCE

Insured/Claimant:	LIM KUAN YIOU	Policy No:	SP2001915279		
Date of Loss:	15/06/2022	Nature of Claim:	OD	Claim No:	202222005274SL

### DESCRIPTION & IDENTIFICATION OF VEHICLE

Reg No:	SMU3688G		
Make & Model:	BMW 640I, 3.0 (A)	Engine No:	15777825N55B30A
Reg. Date:	31/05/2012 (Man. Year: 2011)	Chassis No:	WBALW72090DK15108
Colour:	White	Odometer:	226486 km
Engine Capacity:	2979 cc		
Market Value/New Car Price:	S\$141,000.00		
Sum Insured (S\$):	Market Value/New Car Price		

### CONDITION OF VEHICLE AT THE TIME OF SURVEY

General Condition:	Steering (Serviceable):	Yes	Footbrake (Serviceable):	Yes
Handbrake (Serviceable):	Yes	Engine Modification:	No	Pre-accident Condition:

### CONDITION OF TYRES

Front Tyre Size:	275/35 R19	Rear Tyre Size:	275/35 R19
Front Left Side:	Pirelli 6 mm	Rear Left Side:	Pirelli 6 mm
Front Right Side:	Pirelli 6 mm	Rear Right Side:	Pirelli 6 mm

*The above values represent the remaining tyre treads depth*

COST OF CLAIMS	Repairer's	Adjuster's	Difference	Diff %
Parts	128,091.26	39,442.86	88,648.40	69.21
Miscellaneous Items	0.00	0.00	0.00	
Labour	59,494.00	25,163.00	34,331.00	57.70
Paintwork Labour	0.00	0.00	0.00	
Towing	0.00	0.00	0.00	
<b>Calculated Gross Total (S\$)</b>	<b>187,585.26</b>	<b>64,605.86</b>	<b>122,979.40</b>	<b>65.56</b>
<b>- Excess (S\$)</b>	600.00	600.00	0.00	0.00
<b>Nett Amount (S\$)</b>	<b>186,985.26</b>	<b>64,005.86</b>	<b>122,979.40</b>	<b>65.77</b>

### INSPECTION

Date of Assignment:	21/06/2022	
Date Inspected:	22/06/2022 Inspected At:	Performance Motors Limited (Alexandra) 303 Alexandra Road, Sime Darby Performance Centre Singapore 159941
Estimated Period of Repair:	0.0 days	

**Adjuster:** MOHD RASUL

**Manager:** VERON CHEN

*NOTE: This report represents our findings at the time and place of inspection stated herein. Such inspection has been carried out to the best of our knowledge and ability but any other liability under any other circumstances is hereby expressly excluded.*

(EXCLUDE CHECK ITEMS S\$102,682.40 NETT)

**TOTAL LOSS ASPECT**

Market Value :	\$141,000.00
OMV :	\$76,245.00
PARF Rebate (1) :	\$0
Quota Premium Paid :	\$93,644.00
COE Rebate (2) :	\$93,065.00
Total Rebate (1) + (2) = :	\$93,065.00

The total amount incurred will be Market Value \$141,000.00 minus Total Rebate \$93,065.00= \$47,935.00 before excess.

In view of the above, the vehicle is uneconomical to be repaired, you are advised to invite tender for the wreck.

## REPAIR DETAILS

### Reference

<b>Part Source:</b>	MRM-SG	Version: 1.0 (Last Synchronised: 28 Jul 2022)
<b>Parts:</b>	143	BMW 640I 3.0 (A) (Catalogue:Merimen Singapore 1.0)
<b>Labour:</b>	Repairer's	(Price-denominated Standard List)
<b>Print Code:</b>	(Unsubmitted, no print-code for SMU3688G)	
<b>Validity:</b>	These estimates are valid only if they contain the print code (above) on all estimate pages, running page numbers with the END OF ESTIMATES marker on the last estimate page	
<b>Further Info:</b>	Items/values not in reference catalogue are prefixed with an asterisk *.	

### Recommended Parts

No.	Qty	Part No.	Particulars	Condition	Repairer's	Amount
1	1		*SUNDRIES	Necessary	150.00 FS	*150.00 FS
2	1		*(S/L) EXCHANGE SHORT ENGINE	* Check	32,534.30 FS	*- FS
3	1		*COOLANT HOSE	* Check	89.25 FS	*- FS
4	1		*POWER STEERING COOLER	* Check	236.50 FS	*- FS
5	1		*CHARGE AIR COOLER	* Check	750.60 FS	*- FS
6	1		*COVER MODULE CARRIER	* Check	58.10 FS	*- FS
7	1		*AUXILIARY RADIATOR	Buckled	702.95 FS	*702.95 FS
8	1		*MODULE CARRIER	* Check	208.90 FS	*- FS
9	1		*RADIATOR	Bent	1,171.55 FS	*1,171.55 FS
10	1		*COOLANT HOSE	* Check	92.35 FS	*- FS
11	1		*COOLANT HOSE	* Check	138.55 FS	*- FS
12	1		*COOLANT HOSE	* Check	159.05 FS	*- FS
13	1		*HEAT EXCHANGER	* Check	518.20 FS	*- FS
14	1		*FAN SHROUD	Cracked	332.35 FS	*332.35 FS
15	1		*FAN HOUSING WITH FAN	* Check	1,368.10 FS	*- FS
16	1		*COVER INTERCOOLER	* Check	73.50 FS	*- FS
17	1		*FRONT AXLE SUPPORT	* Check	1,978.45 FS	*- FS
18	2		*WISHBONE TOP	* Check	1,156.20 FS	*- FS
19	1		*RH TENSION STRUT W/RUBBER MOUNTING	* Check	525.55 FS	*- FS
20	1		*LH WISHBONE W/RUBBER MOUNTING	* Check	630.65 FS	*- FS
21	1		*RH WISHBONE W/RUBBER MOUNTING	* Check	630.65 FS	*- FS
22	2		*WHEEL HUB WITH BEARING FRT	* Check	988.60 FS	*- FS
23	1		*FRT LH CARRIER	* Check	446.55 FS	*- FS
24	1		*FRT RH CARRIER	* Check	453.70 FS	*- FS
25	2		*FRONT SWING SUPPORT	* Check	235.80 FS	*- FS
26	1		*LH TIE ROD	* Check	393.35 FS	*- FS
27	1		*RH TIE ROD	* Check	393.35 FS	*- FS
28	1		*EXCH STEERING BOX ELECTR	* Check	6,293.65 FS	*- FS
29	1		*AIRBAG MODULE DRIVERS SIDE (SCHWAR	Activated	1,765.55 FS	*1,765.55 FS
30	2		*RR DRIVE FLANGE HUB	* Check	443.50 FS	*- FS
31	1		*OUTPUT SHAFT LH	* Check	2,118.60 FS	*- FS
32	1		*OUTPUT SHAFT RH	* Check	2,118.60 FS	*- FS
33	2		*RR INTEGRAL LINK	* Check	309.00 FS	*- FS
34	2		*TRACK STRUT WITH RUBBER MOUNT	* Check	494.40 FS	*- FS
35	1		*RR LH WISHBONE	* Check	617.95 FS	*- FS
36	1		*RR RH WISHBONE	* Check	617.95 FS	*- FS
37	1		*RR LH WHEEL CARRIER	* Check	1,328.45 FS	*- FS
38	1		*RR RH WHEEL CARRIER	* Check	1,328.45 FS	*- FS
39	1		*RR LH SWING PART	* Check	984.05 FS	*- FS
40	1		*RR RH SWING PART	* Check	984.05 FS	*- FS
41	2		*ALLOY RIM 81/2JX19 STY SPK366	Scratched	2,844.60 FS	*2,844.60 FS
42	2		*ALLOY RIM 9JX19 STY SPK 366	Scratched	3,129.10 FS	*3,129.10 FS
43	1		*REAR LH SPRING STRUT	* Check	1,239.05 FS	*- FS
44	1		*REAR RH SPRING STRUT	* Check	1,239.05 FS	*- FS
45	1		*ACTIVE STABILIZER BAR	* Check	3,482.05 FS	*- FS
46	1		*FRT LH SPRING STRUT	* Check	1,610.15 FS	*- FS

No.	Qty	Part No.	Particulars	Condition	Repairer's	Amount
47	1		*FRT RH SPRING STRUT	* Check	1,610.15 FS	*- FS
48	1		*ACTIVE STABILIZER BAR	* Check	3,374.90 FS	*- FS
49	1		*LH ENGINE HOOD HINGE	* Check	121.05 FS	*- FS
50	1		*RH ENGINE HOOD HINGE	* Check	121.05 FS	*- FS
51	1		*ENGINE SUPPORT LH	* Check	1,301.75 FS	*- FS
52	1		*ENGINE SUPPORT RH	* Check	1,301.75 FS	*- FS
53	1		*FRT LEFT WHEELHOUSE	Torn	2,103.05 FS	*2,103.05 FS
54	1		*FRT LEFT WHEELHOUSE	Torn	2,103.05 FS	*2,103.05 FS
55	1		*FRT LH FENDER	Torn	1,143.20 FS	*1,143.20 FS
56	1		*FRT RH FENDER	Torn	1,143.20 FS	*1,143.20 FS
57	1		*SIDE PANEL BRACKET FRT LH 2	Necessary	41.20 FS	*41.20 FS
58	1		*FRT RH SIDE PANEL BRACKET 2	Necessary	41.20 FS	*41.20 FS
59	1		*FRT LH SIDE PANEL BRACKET 3	Necessary	41.20 FS	*41.20 FS
60	1		*FRT RH SIDE PANEL BRACKET 3	Necessary	41.20 FS	*41.20 FS
61	1		*FRT LH 1 SIDE PANEL BRACKET	Necessary	41.20 FS	*41.20 FS
62	1		*FRT RH 1 SIDE PANEL BRACKET	Necessary	41.20 FS	*41.20 FS
63	1		*BONNET	Buckled	2,914.60 FS	*2,914.60 FS
64	1		*SET OF MOUNTING BUMPER FRONT	Necessary	37.10 FS	*37.10 FS
65	1		*FRT BUMPER LOWER MOUNT	Cracked	181.10 FS	*181.10 FS
66	1		*FRT BUMPER LH CONNECTOR	Distorted	60.03 FS	*60.03 FS
67	1		*FRONT BUMPER RH CONNECTOR	Distorted	60.03 FS	*60.03 FS
68	2		*FRT BUMPER FLAP COVER SPRING	Cracked	11.00 FS	*11.00 FS
69	1		*GRILLE AIR INTAKE CENTER	Missing	121.15 FS	*121.15 FS
70	2		*GRILLE AMOEK LH / RH	Missing	130.90 FS	*130.90 FS
71	1		*FRT BUMPER CARRIER	Bent	787.25 FS	*787.25 FS
72	1		*FRT BUMPER IMPACT ABSORBER TOP	Missing	114.75 FS	*114.75 FS
73	2		*DEFORMATION ELEMENT FRT LOWER RH	Deformed	233.80 FS	*233.80 FS
74	1		*LEFT FINISHER	* Check	40.10 FS	*- FS
75	1		*RIGHT FINISHER	* Check	40.10 FS	*- FS
76	1		*FRT BUMPER SPOILER	Cracked	82.85 FS	*82.85 FS
77	1		*FRT BUMPER TRIM PRIMED (PDC)	Torn	1,621.70 FS	*1,621.70 FS
78	1		*FRT BUMPER TOW HOOK COVER (PRIMED)	Missing	53.25 FS	*53.25 FS
79	1		*COVERING PRIMEND LH	Missing	53.25 FS	*53.25 FS
80	1		*COVERING PRIMEND RH	Missing	53.25 FS	*53.25 FS
81	1		*LH F OG LAMP COVER	Missing	95.40 FS	*95.40 FS
82	1		*RH FOG LAMP COVER	Missing	95.40 FS	*95.40 FS
83	1		*FRT LH GRILLE	Missing	169.50 FS	*169.50 FS
84	1		*FRT RH GRILLE	Missing	169.50 FS	*169.50 FS
85	1		*FRT BUMPER NO PLATE HOLDER	Missing	70.95 FS	*70.95 FS
86	1		*REAR VIEW MIRROR EC/LED	* Check	959.65 FS	*- FS
87	2		*BONNET GAS STRUT	* Check	279.70 FS	*- FS
88	1		*FRT W/SCREEN (HUD)	Cracked	1,685.25 FS	*1,685.25 FS
89	1		*FRT W/SCREEN MOULDING (HUD)	Necessary	258.65 FS	*258.65 FS
90	10		*BUMP STOP	Necessary	33.00 FS	*33.00 FS
91	1		*TRIM PANEL DASBOARD (SCHWARZ)	* Check	5,081.05 FS	*- FS
92	1		*RIGHT FRT HEAT INSULATION	Deformed	179.20 FS	*179.20 FS
93	1		*HEAT INSULATION	Deformed	77.70 FS	*77.70 FS
94	1		*INSULATION FRONT WALL	* Check	65.75 FS	*- FS
95	1		*INSULATION ENGINE SUPPORT RH	* Check	95.60 FS	*- FS
96	1		*INSULATION ENGINE CARRIER TOP	* Check	77.70 FS	*- FS
97	1		*LH SUPPORT	Bent	31.25 FS	*31.25 FS
98	1		*RH SUPPORT	Bent	31.25 FS	*31.25 FS
99	1		*CONNECTION TOP REAR	* Check	349.55 FS	*- FS
100	1		*FRT AIR DUCT	Cracked	357.65 FS	*357.65 FS
101	1		*SUPPORT LH	Bent	130.30 FS	*130.30 FS
102	1		*SUPPORT RH	Bent	130.25 FS	*130.25 FS
103	1		*JOINT UPPER FRONT	* Check	188.25 FS	*- FS
104	1		*CROSS BRACE REAR LH	* Check	36.60 FS	*- FS
105	1		*CROSS BRACE REAR RH	* Check	36.60 FS	*- FS
106	1		*CROSS BRACE FRT LH	* Check	36.60 FS	*- FS

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No.	Qty	Part No.	Particulars	Condition	Repairer's	Amount
107	1		*CROSS BRACE FRT RH	* Check	36.60 FS	*- FS
108	1		*COVER LEFT	* Check	10.50 FS	*- FS
109	1		*COVER RIGHT	* Check	10.80 FS	*- FS
110	1		*STIFFENING PLATE	* Check	142.30 FS	*- FS
111	1		*TORSION STRUT	* Check	132.50 FS	*- FS
112	1		*COVER WINDSHIELD	* Check	59.75 FS	*- FS
113	1		*FRT LH WHEELARCH COVER FRT SECTION	Cracked	143.35 FS	*143.35 FS
114	1		*FRT RH WHEEL ARCH COVER FRT SECTION	Cracked	143.35 FS	*143.35 FS
115	2		*AIR DUCT BRAKE LH / RH	* Check	132.10 FS	*- FS
116	1		*AIR DUCTING FOR AMOEK LH	* Check	69.35 FS	*- FS
117	1		*AIR DUCTING FOR AMOEK RH	* Check	69.35 FS	*- FS
118	1		*UNDERHOOD SHIELD FRT	* Check	207.30 FS	*- FS
119	1		*SEAL ENGINE BONNET FRT	Necessary	33.85 FS	*33.85 FS
120	1		*SEAL HOOD SIDE	Necessary	51.80 FS	*51.80 FS
121	1		*SUPPORT SEAL REAR LH	Necessary	258.90 FS	*258.90 FS
122	1		*SUPPORT SEAL REAR RH	* Check	258.90 FS	*- FS
123	1		*SEAL A-PILLAR	* Check	203.20 FS	*- FS
124	1		*STRIP UPPER APRON	* Check	77.00 FS	*- FS
125	1		*LH COLUMN A STRIP	* Check	97.00 FS	*- FS
126	1		*STRIP COLUMN A RH	* Check	97.00 FS	*- FS
127	1		*RAIN LIGHT SOLAR & FOGGING SENSOR	* Check	387.35 FS	*- FS
128	2		*REPAIR KIT FOR LED MODULE	* Check	867.40 FS	*- FS
129	1		*LEFT HEADLIGHT	Broken	2,832.60 FS	*2,832.60 FS
130	1		*RIGHT HEADLIGHT	Broken	2,832.60 FS	*2,832.60 FS
131	2		*HEADLIGHT DRIVER MODULE AHL XENON L	Not Working	1,713.90 FS	*1,713.90 FS
132	2		*CONTROL UNIT XENON LIGHT	Not Working	1,770.50 FS	*1,770.50 FS
133	1		*RH FOG LIGHT LED	Missing	467.55 FS	*467.55 FS
134	1		*LH FOG LIGHT LED	Missing	467.55 FS	*467.55 FS
135	4		*BUMPER PDC SENSOR (CODED) - ELBOW	Missing	1,484.80 FS	*1,484.80 FS
136	4		*DECOUPLING RING PDC TORQUE CONVERTE	Necessary	20.60 FS	*20.60 FS
137	1		*SET ADHESIVE PADS FOR ACE 2.0	Necessary	37.35 FS	*37.35 FS
138	2		*SIDE VIEW CAMERA	* Check	1,402.90 FS	*- FS
139	1		*(DG) CLEANER R1 (100ML)	Necessary	26.15 FS	*26.15 FS
140	2		*(DG/SL) W/SCREEN SEALANT (COLD 1 HOUR)	Necessary	263.10 FS	*263.10 FS
141	1		*(DG/SL) ADHESIVE PRIMER VP 206 (30ML	Necessary	27.85 FS	*27.85 FS

F=Franchise part. S=SpcNett.

**Total Parts (\$\$) 128,091.26 39,442.86**

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## Recommended Miscellaneous Items

There are no new miscellaneous items selected.

## Recommended Labour

No	Particulars	Lab.Type	Repairer's	Amount
<b>Labour Items</b>				
1	TO REPLACE BUMPER FRONT PANEL, BOTH FRONT SIDE PANELS, BONNET, FRONT PANEL ATTACHMENTS, BOTH FRONT ENGINE SUPPORTS, BOTH FRONT WHEELHOUSES, AND REPAIR ACCIDENT RELATED AREA	New	20,400.00	5,100.00
2	TO SPRAY PAINT BUMPER FRONT PANEL, BOTH FRONT SIDE PANELS, BONNET, BOTH ENGINE SUPPORTS, BOTH FRONT WHEELHOUSES, BOTH FRONT DOORS AND BOTH FRONT A PILLARS	New	8,341.00	4,106.00
3	TO REPLACE RIGHT HEADLIGHT	New	481.00	456.00
4	TO REPLACE LEFT HEADLIGHT	New	481.00	456.00
5	TO REPLACE FRONT WINDSCREEN GLASS	New	574.00	574.00
6	TO REMOVE AND INSTALL IU UNIT BRACKET	New	31.00	31.00
7	TO CONDUCT WATER LEAK TESTS	New	75.00	75.00
8	TO SUPPLY AND INSTALL FRONT WINDSCREEN SOLAR FILM	New	531.00	531.00
9	TO SUPPLY FRONT EMBOSS NUMBER PLATE	New	83.00	83.00
10	TO SEND VEHICLE WITH NEW SHORT ENGINE TO LTA FOR INSPECTION (* Check)	New	191.00	0.00
11	BEING CHARGE FOR LTA INSPECTION FEES (* Check)	New	80.00	0.00
12	TO REPLACE NEW SHORT ENGINE AND ADJUST ENGINE TIMING ACCORDANCE TO BMW SPECIFICATION (* Check)	New	8,496.00	0.00
13	FULLY SYNTHETIC ENGINE OIL (* Check)	New	429.00	0.00
14	TO REPLACE RADIATOR ASSEMBLY, FAN HOUSING WITH FAN INCLUDING PRESSURE TEST, BLEED COOLING SYSTEM AND CONDUCT CHECK FOR LEAK (ALL MODELS EXCEPT 7 SERIES)	New	826.00	784.00
15	TO RELACE AUXILIARY RADIATOR ASSEMBLY INCLUDING PRESSURE TEST, BLEED COOLING SYSTEM AND CONDUCT CHECK FOR LEAK	New	767.00	728.00
16	TO REPLACE ENGINE OIL COOLER, BOTH OIL COOLING INLET AND OUTLET PIPES INCLUDING TOP UP ENGINE OIL AND CONDUCT CHECK FOR LEAK	New	649.00	616.00
17	TO REPLACE ENGINE OIL HEAT EXCHANGER INCLUDING TOP UP ENGINE OIL AND CONDUCT CHECK FOR LEAK	New	531.00	504.00
18	TO REPLACE CHARGE AIR COOLER INCLUDING CONDUCT CHECK FOR LEAK AND PROPER FUNCTION	New	531.00	504.00
19	TO REPLACE FRONT EXHAUST SILENCER INCLUDING ALIGNMENT SYSTEM AND CONDUCT CHECK FOR LEAK (* Check)	New	531.00	0.00
20	TO REPLACE EXHAUST MANIFOLD AND GASKET INCLUDING CONDUCT CHECK FOR LEAK (* Check)	New	1,121.00	0.00
21	TO REMOVE AND INSTALL FRONT SUSPENSION TO FACILITATE THE JACKING OF CHASSIS AND MOUNTING OF CAR ON CELETTE BENCH INCLUDING REPLACE DAMAGED PARTS (* Check)	New	2,655.00	0.00
22	TO CHECK STEERING GEOMETRY AND CONDUCT WHEEL ALIGNMENT IN ACCORDANCE WITH BMW SPECIFICATIONS. (1X)	New	531.00	504.00
23	TO REPLACE ELECTROMECHANICAL POWER STEERING INCLUDING PROGRAM, INITIALIZE STEERING COLUMN ADJUSTMENT AND CONDUCT CHECK FOR PROPER FUNCTION	New	885.00	840.00
24	TO REMOVE AND INSTALL REAR SUSPENSION, REAR AXLE AND CONTROL SYSTEM TO FACILITATE THE WORK ON CELETTE BENCH INCLUDING REPLACE DAMAGED PARTS	New	2,655.00	2,522.00

No	Particulars	Lab.Type	Repairer's	Amount
25	TO REPLACE TYRE AND WHEEL RIM INCLUDING BALANCING (1X)	New	376.00	376.00
26	TO MOUNT ACCIDENT VEHICLE ON CELETTE BENCH OR CAR-O-LINER TO FACILITATE RE-ALIGNMENT OF BODY / CHASSIS ACCORDANCE WITH BMW SPECIFICATION	New	2,950.00	2,802.00
27	TO CONDUCT CHASSIS ALIGNMENT MEASURING CHECK USING CAR-O-LINER MEASURING SYSTEM ACCORDANCE WITH BMW SPECIFICATION	New	531.00	504.00
28	TO REPLACE AIR CON CONDENSER AND AIR CON HOSE INCLUDING VACUUM, SYSTEM, TOP UP FREON GAS AND CONDUCT CHECK FOR LEAK (FOR ALL MODELS EXCEPT FOR 7 SERIES)	New	1,003.00	952.00
29	TO REPLACE FRONT PDC SENSOR WIRE HARNESS INCLUDING RESET AND CONDUCT CHECK FOR PROPER FUNCTION	New	266.00	252.00
30	TO REPLACE BOTH FRONT SEAT BELTS AND TENSIONERS INCLUDING RESET AND CONDUCT CHECK FOR PROPER FUNCTION (* Check)	New	531.00	0.00
31	TO REPLACE ROOF TOP HEADLINING AND BOTH ITS HEAD AIR BAGS INCLUDING RESET AND CONDUCT CHECK FOR PROPER FUNCTION	New	1,018.00	967.00
32	TO REPLACE FRONT DASHBOARD PASSENGER AIR BAG INCLUDING RESET AND CONDUCT CHECK FOR PROPER FUNCTION	New	531.00	504.00
33	TO CARRY OUT CAVITY PRESERVATION. (PER PANEL)	New	118.00	112.00
34	TO CHECK ELECTRICAL WIRING SYSTEM AT THE FRONT AND REAR SECTIONS FOR PROPER FUNCTION INCLUDING ADJUSTMENT OF HEADLIGHTS	New	295.00	280.00

**Gross Labour Cost (\$)**

**59,494.00**

**25,163.00**

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