

SS-G7

Canadian Model
AEP Model
E Model



CARBOCON SPEAKER SYSTEM

SPECIFICATIONS

Speaker System: Three-way, bass reflex enclosure
Low frequency: 38 cm (15 inches)
cone type
Mid frequency: 10 cm (4 inches)
balanced-drive type
High frequency: 3.5 cm (1 ½ inches)
balanced-drive type

Nominal Impedance: 8 Ω
Nominal Power Handling Capacity: 100 W DIN 45500
Music Power Handling Capacity: 200 W DIN 45500
Sensitivity: 94 dB (1 W, 1 m)
1.6 W (96 dB, 1 m) DIN 45500

Maximum Sound Pressure Level: 117 dB/m
Effective Frequency Range: 30 Hz – 20,000 Hz

Crossover Frequencies: 550 Hz (12 dB/oct.)
4,500 Hz (12 dB/oct.)

Level Controls: Tweeter: from 0 to –4 dB
continuously adjustable
Mid-range: from 0 to –4 dB
continuously adjustable

Terminals: Push pots
Volume: 128 liters

Dimensions: Approx. 510 (w) x 940 (h) x 445 (d) mm
20 (w) x 37 (h) 17 ½ (d) inches
with front grille

Weight: Approx. 48 kg, 106 lb (net)
55 kg, 122 lb (with shipping carton)

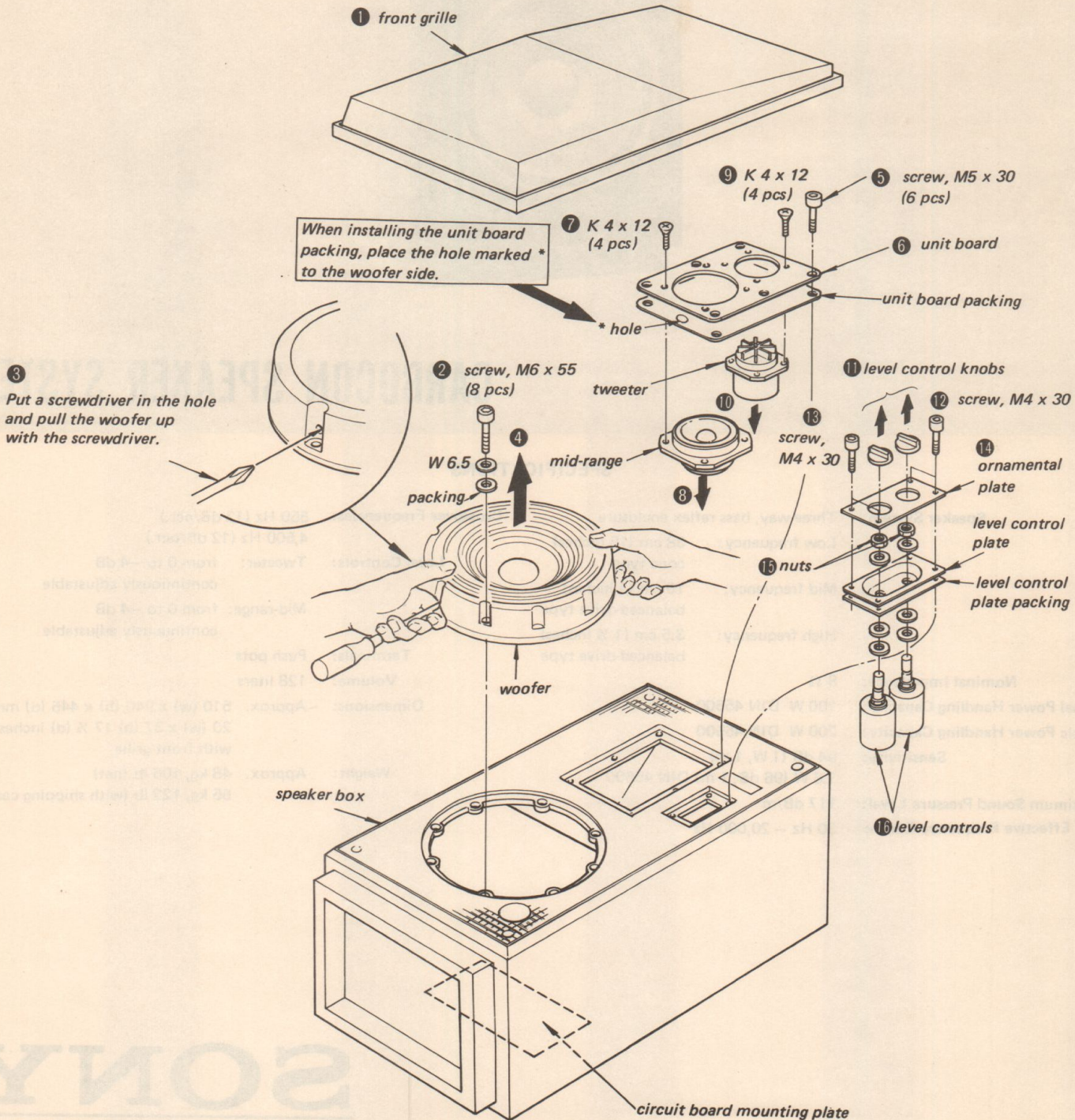
SONY[®]

SERVICE MANUAL

1. DISASSEMBLY

Remove in the numerical order as shown below.

- Woofers:** ① → ② → ③ → ④
Mid-range: ① → ⑤ → ⑥ → ⑦ → ⑧
Tweeter: ① → ⑤ → ⑥ → ⑨ → ⑩
Level control: ① → ⑪ → ⑫ → ⑬ → ⑭ → ⑮ → ⑯

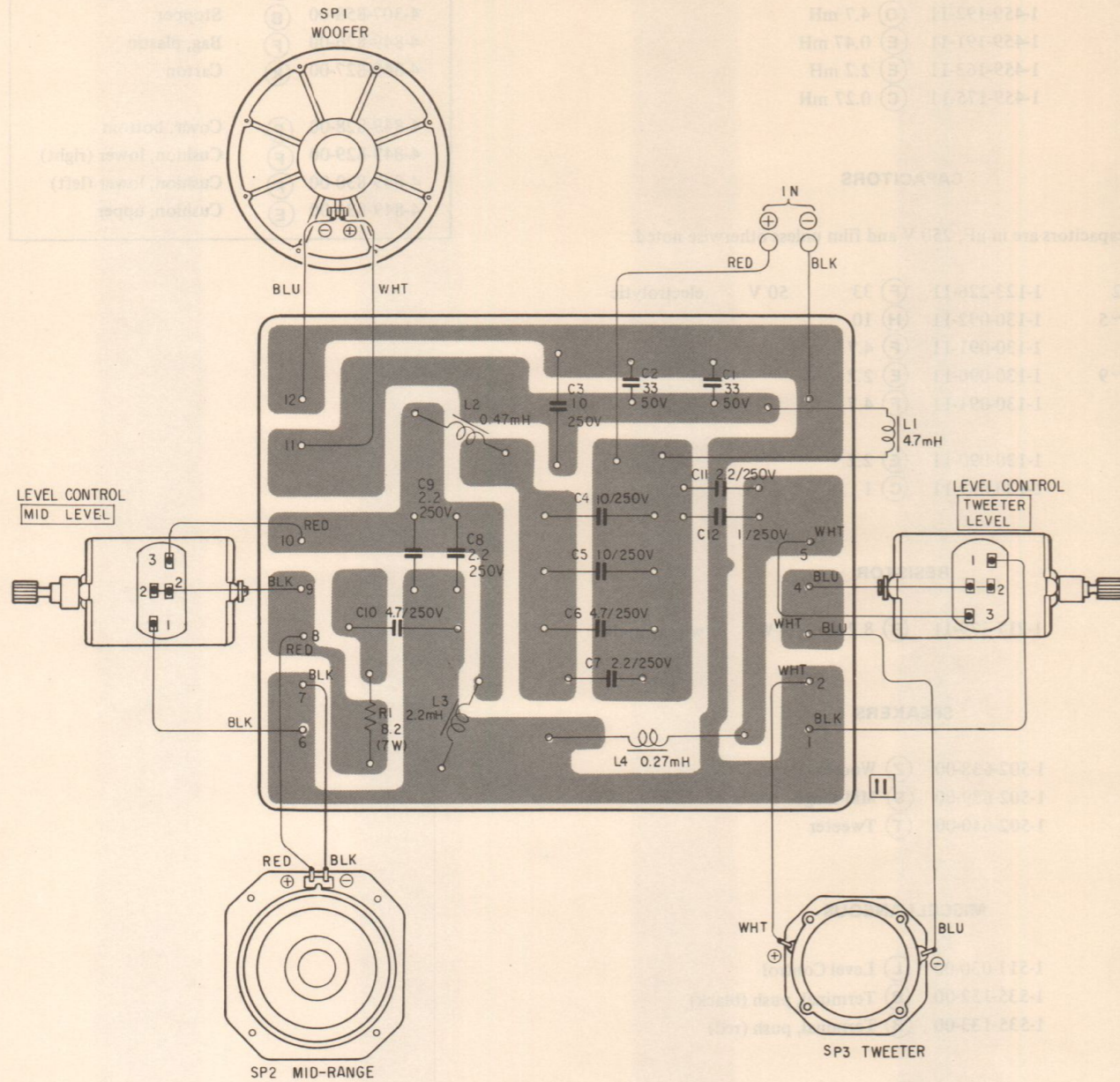


- Note:**
- Use the new packing after removing the unit board or level control plate.
 - When repairing the circuit board, remove the woofer.

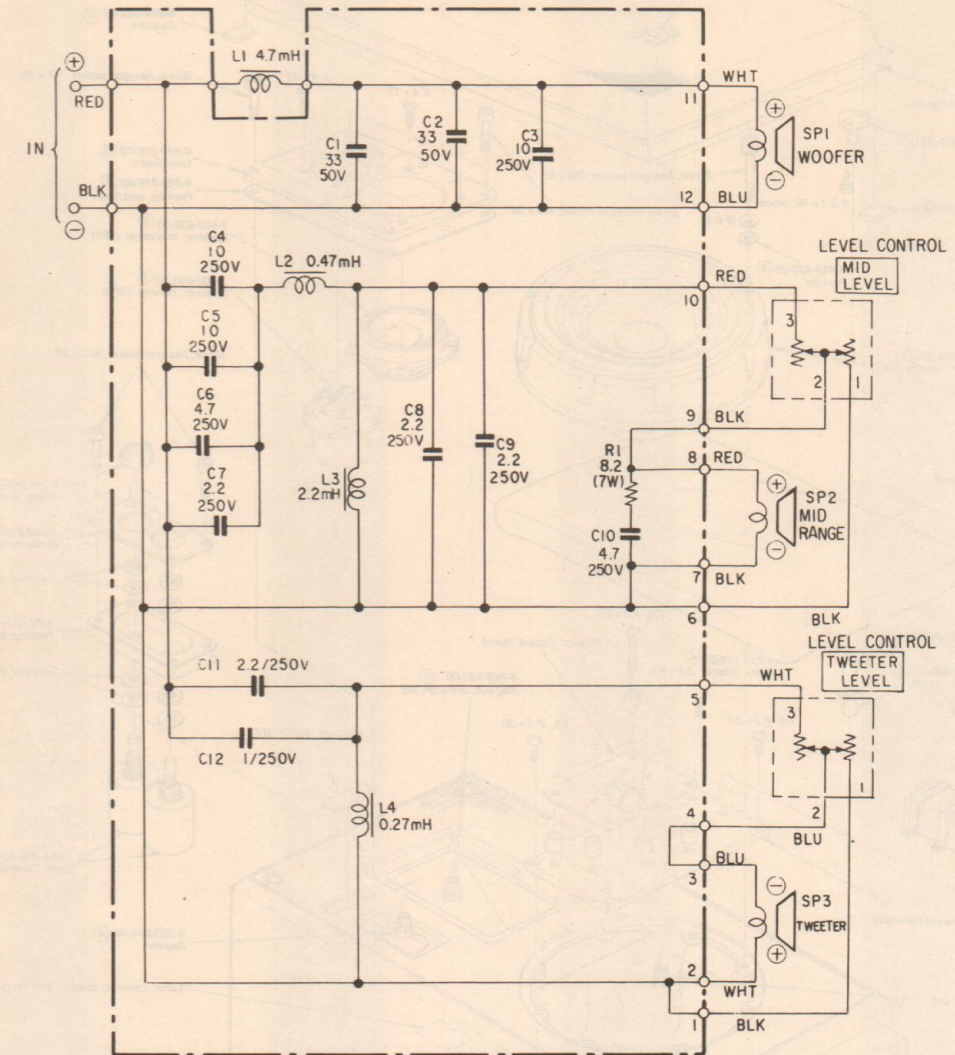
2. MOUNTING DIAGRAM

— Conductor Side —

Note: After replacing parts on the circuit board, fix them with an adhesive.



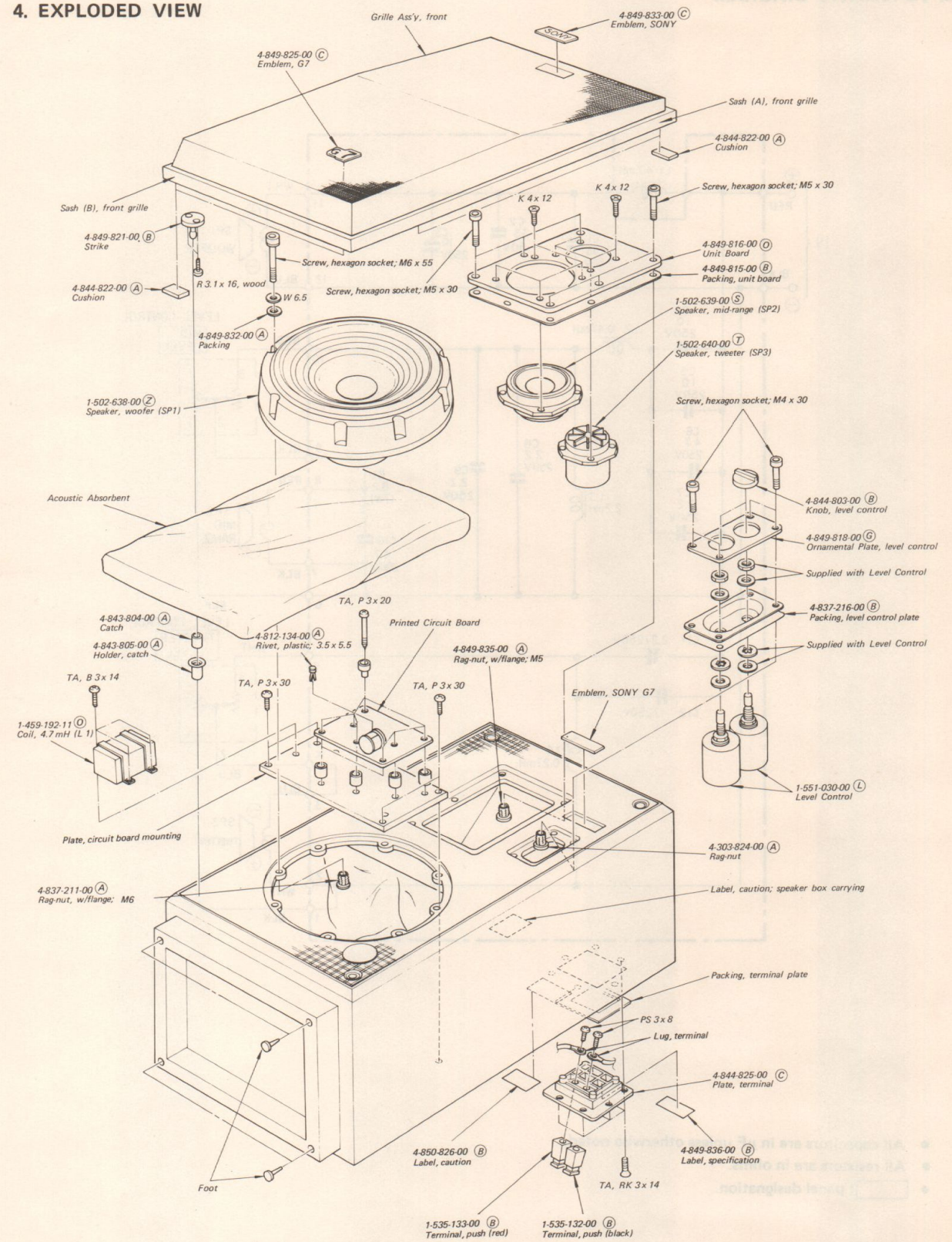
3. SCHEMATIC DIAGRAM



- All capacitors are in μF unless otherwise noted.
- All resistors are in ohms.
- : panel designation.

Note: Circled letters (A to Z) are applicable to European models only.

4. EXPLODED VIEW



- Note:
- Items with no part number and/or no description are not stocked because they are seldom required for routine service.
 - All screws are Phillips (cross recess) type unless otherwise noted.
- (-) = slotted head

5. ELECTRICAL PARTS LIST

Ref. No. Part No. Description

COILS

L1	1-459-192-11	(O) 4.7 mH
L2	1-459-191-11	(E) 0.47 mH
L3	1-459-163-11	(E) 2.2 mH
L4	1-459-175-11	(C) 0.27 mH

CAPACITORS

All capacitors are in μF , 250 V and film unless otherwise noted.

C1, 2	1-123-226-11	(F) 33	50 V	electrolytic
C3 ~ 5	1-130-092-11	(H) 10		
C6	1-130-091-11	(F) 4.7		
C7 ~ 9	1-130-090-11	(E) 2.2		
C10	1-130-091-11	(F) 4.7		
C11	1-130-090-11	(E) 2.2		
C12	1-130-089-11	(C) 1		

RESISTOR

R1	1-217-179-11	(B) 8.2 Ω	7 W	wirewound
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SPEAKERS

SP1	1-502-638-00	(Z) Woofer
SP2	1-502-639-00	(S) Mid-range
SP3	1-502-640-00	(T) Tweeter

MISCELLANEOUS

1-511-030-00	(L) Level Control
1-535-132-00	(B) Terminal, push (black)
1-535-133-00	(B) Terminal, push (red)

Note: Circled letters (A to Z) are applicable to European models only.

ACCESSORIES & PACKING MATERIALS

Part No.	Description
1-551-268-00	(F) Cord, speaker
3-770-079-51	(J) Manual, instruction
4-307-858-00	(B) Stopper
4-849-826-00	(F) Bag, plastic
4-849-827-00	(K) Carton
4-849-828-00	(F) Cover, bottom
4-849-829-00	(F) Cushion, lower (right)
4-849-830-00	(F) Cushion, lower (left)
4-849-831-00	(E) Cushion, upper

Sony Corporation

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