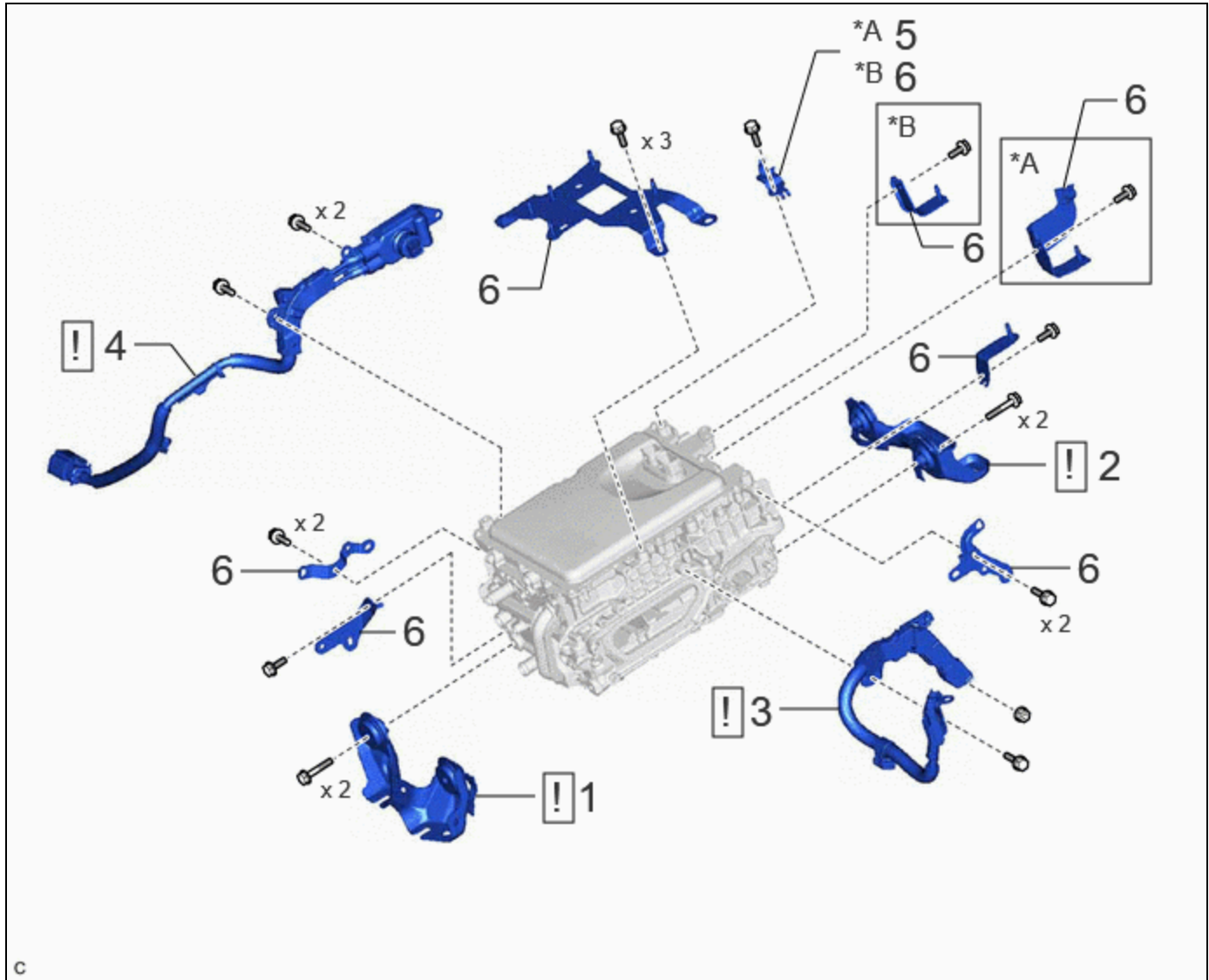


Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM1000000029Y4Q
Model Year Start: 2023	Model: Prius	Prod Date Range: [12/2022 -]
Title: HYBRID / BATTERY CONTROL: INVERTER WITH CONVERTER (for HEV Model): DISASSEMBLY; 2023 - 2024 MY Prius [12/2022 -]		




DISASSEMBLY

CAUTION / NOTICE / HINT

COMPONENTS (DISASSEMBLY)




PROCEDURE		PART NAME CODE			
1	NO. 1 INVERTER BRACKET	G9214	INFO	-	-
2	NO. 2 INVERTER BRACKET	G9215	INFO	-	-

PROCEDURE		PART NAME CODE			
3	NO. 3 ENGINE WIRE	82123	INFO	-	-
4	HV AIR CONDITIONING WIRE	821H2	INFO	-	-
5	FUEL HOSE BRACKET	23881B	-	-	-
6	WIRE HARNESS CLAMP BRACKET	-	-	-	-

*A	for M20A-FXS	*B	for 2ZR-FXE
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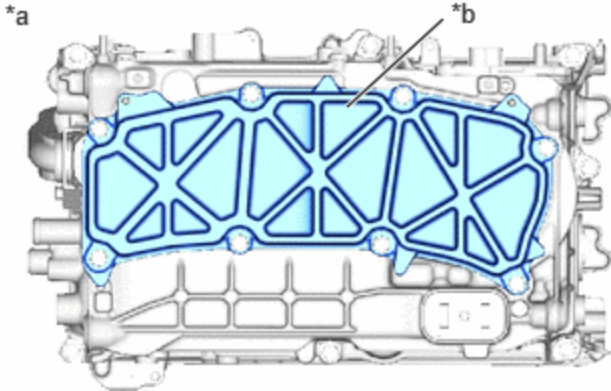
PROCEDURE

1. REMOVE NO. 1 INVERTER BRACKET



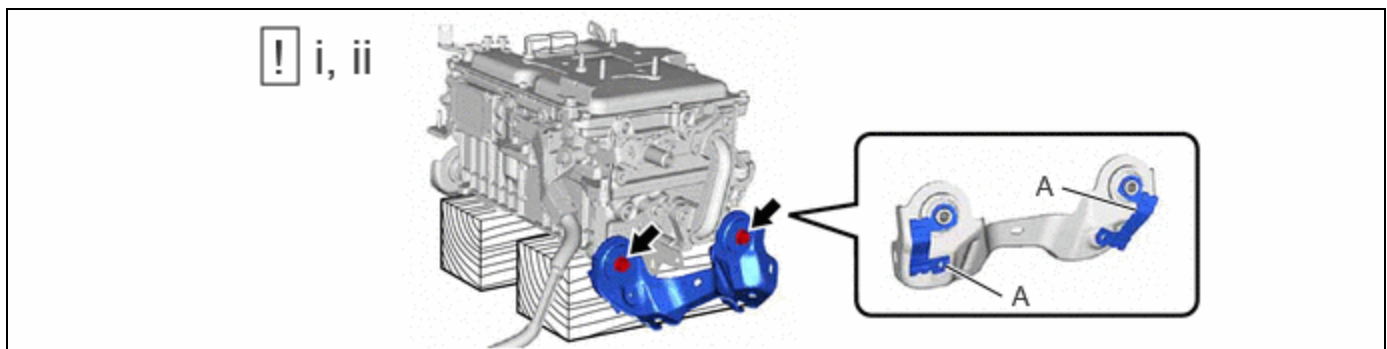
NOTICE:

Make sure to support the inverter with converter assembly at the positions shown in the illustration, otherwise it may be damaged.



*a: Bottom of Inverter with Converter Assembly

*b: Support

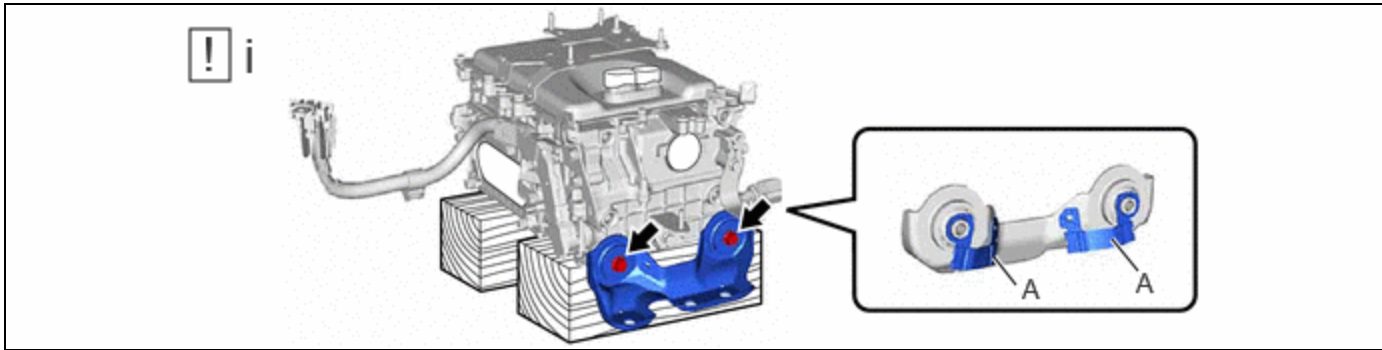


- (1) Set the inverter with converter assembly on wooden blocks.
- (2) Remove the 2 bolts and No. 1 inverter bracket from the inverter with converter assembly.

NOTICE:

Do not touch portion (A) of the No. 1 inverter bracket.

2. REMOVE NO. 2 INVERTER BRACKET




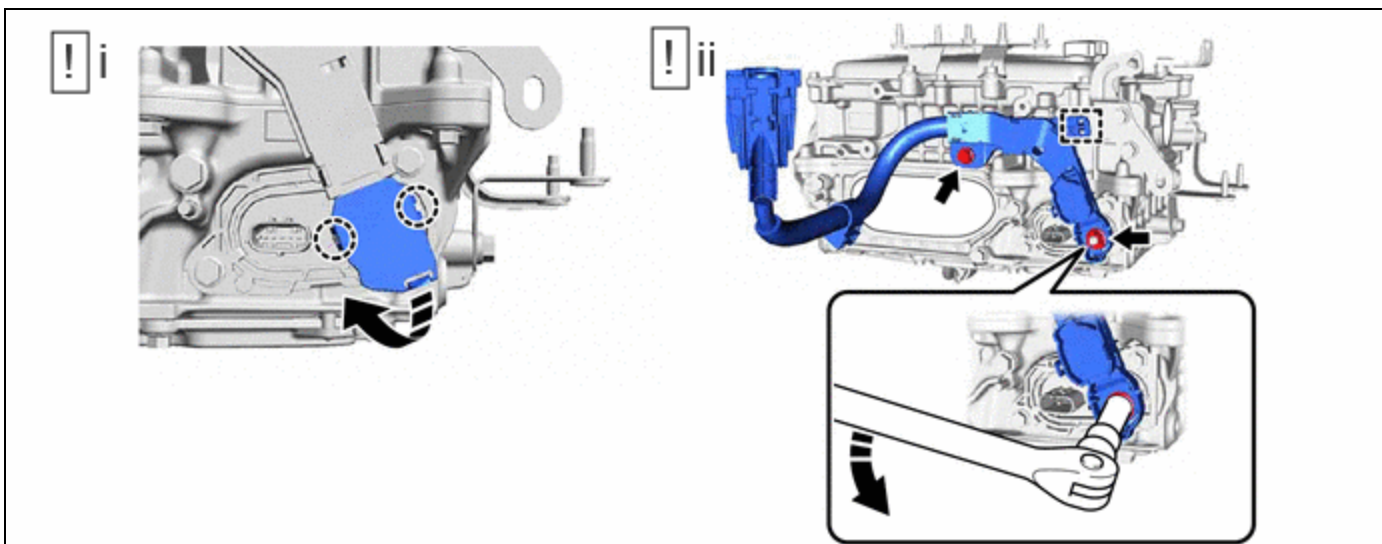
(1) Remove the 2 bolts and No. 2 inverter bracket from the inverter with converter assembly.

NOTICE:

Do not touch portion (A) of the No. 2 inverter bracket.

3. REMOVE NO. 3 ENGINE WIRE

	<p>CAUTION:</p> <p>Be sure to wear insulated gloves.</p>
	<p>NOTICE:</p> <ul style="list-style-type: none"> Do not allow any foreign matter or water to enter the inverter with converter assembly. Perform this procedure when it is necessary to replace the inverter with converter assembly or the No. 3 engine wire.




(1) Disengage the 2 claws and open the cover.

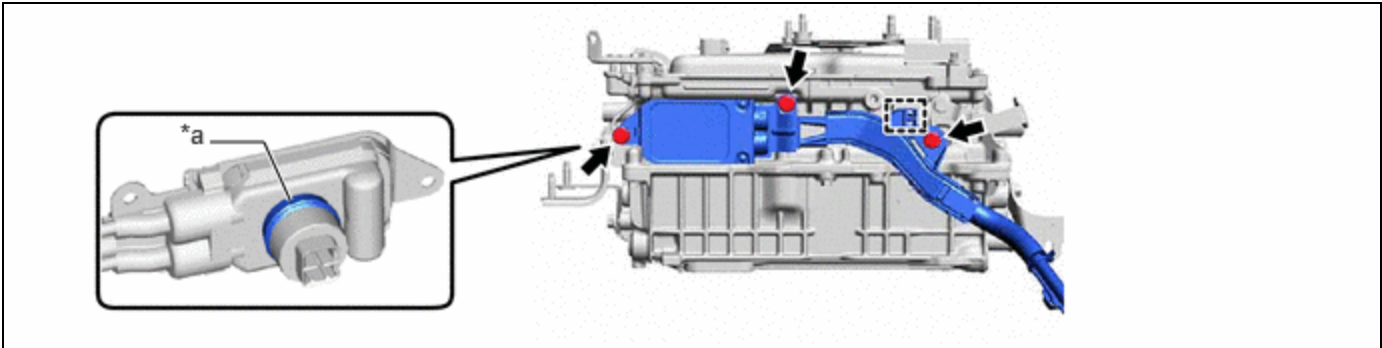
(2) Remove the bolt, nut, clamp and disconnect the No. 3 engine wire from the inverter with converter assembly.

NOTICE:

Move the tool in the downward direction to loosen the nut as shown in the illustration.

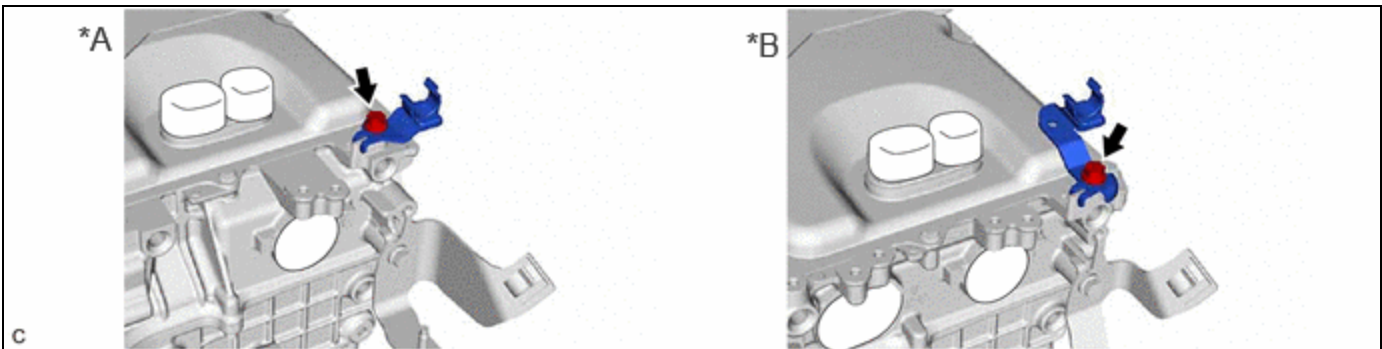
4. REMOVE HV AIR CONDITIONING WIRE

	<p>CAUTION: Be sure to wear insulated gloves.</p> <p>NOTICE:</p> <ul style="list-style-type: none"> Do not touch the waterproof seal or terminals of the connector. Do not damage the terminals, connector housing or inverter with converter assembly during disconnection. Cover the hole where the cable was connected with tape (non-residue type) or equivalent to prevent entry of foreign matter. Do not allow any foreign matter or water to enter the inverter with converter assembly. Insulate the disconnected terminals with insulating tape.
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*a	Waterproof Seal	-	-
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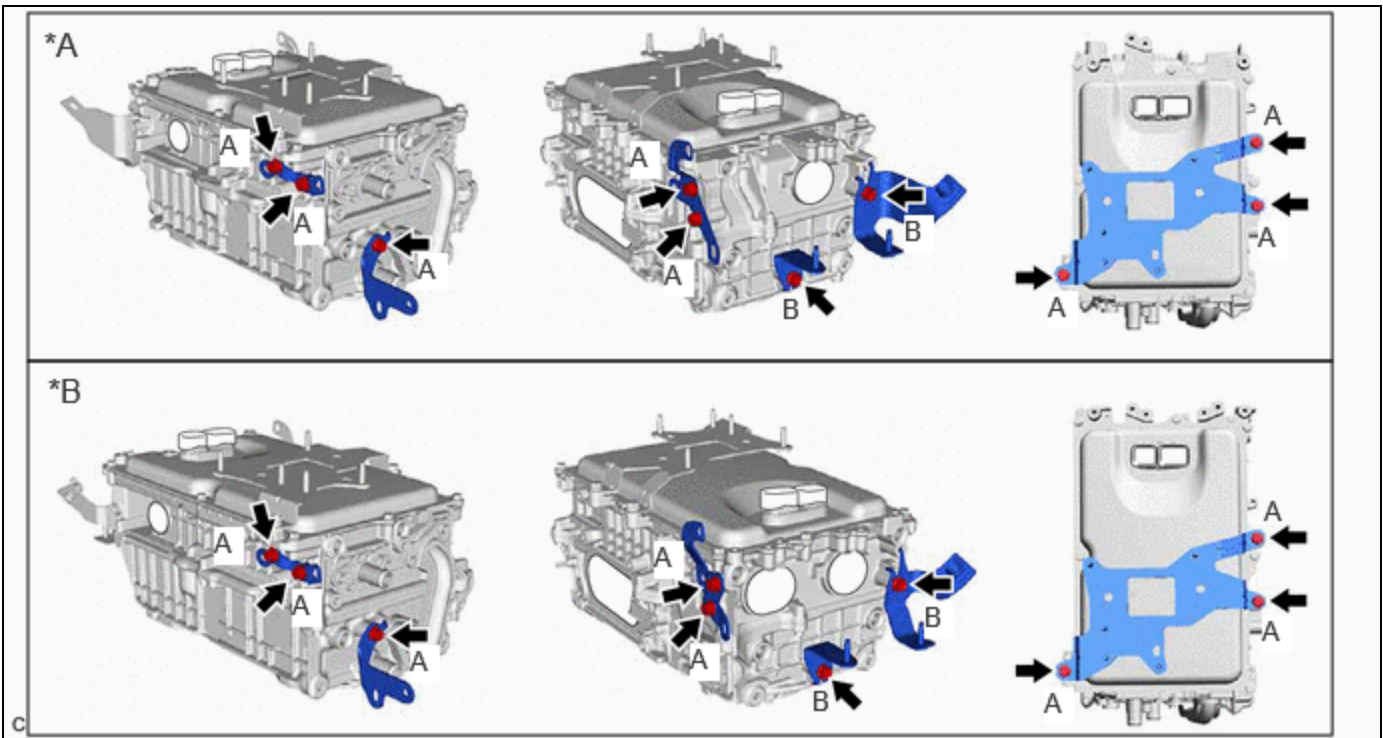
5. REMOVE FUEL HOSE BRACKET (for M20A-FXS)



*A	for 2WD	*B	for 4WD
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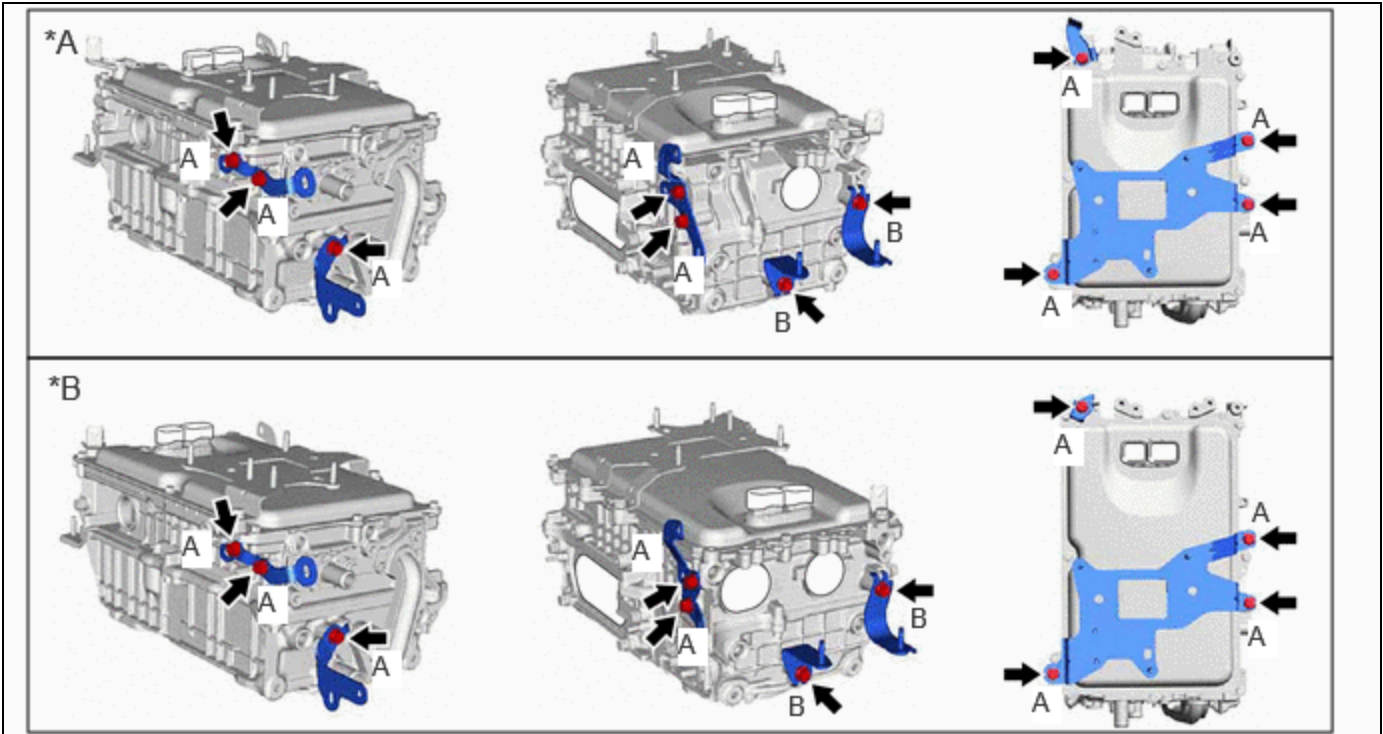
6. REMOVE WIRE HARNESS CLAMP BRACKET

(a) for M20A-FXS:



*A	for 2WD	*B	for 4WD
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(b) for 2ZR-FXE:



*A	for 2WD	*B	for 4WD
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