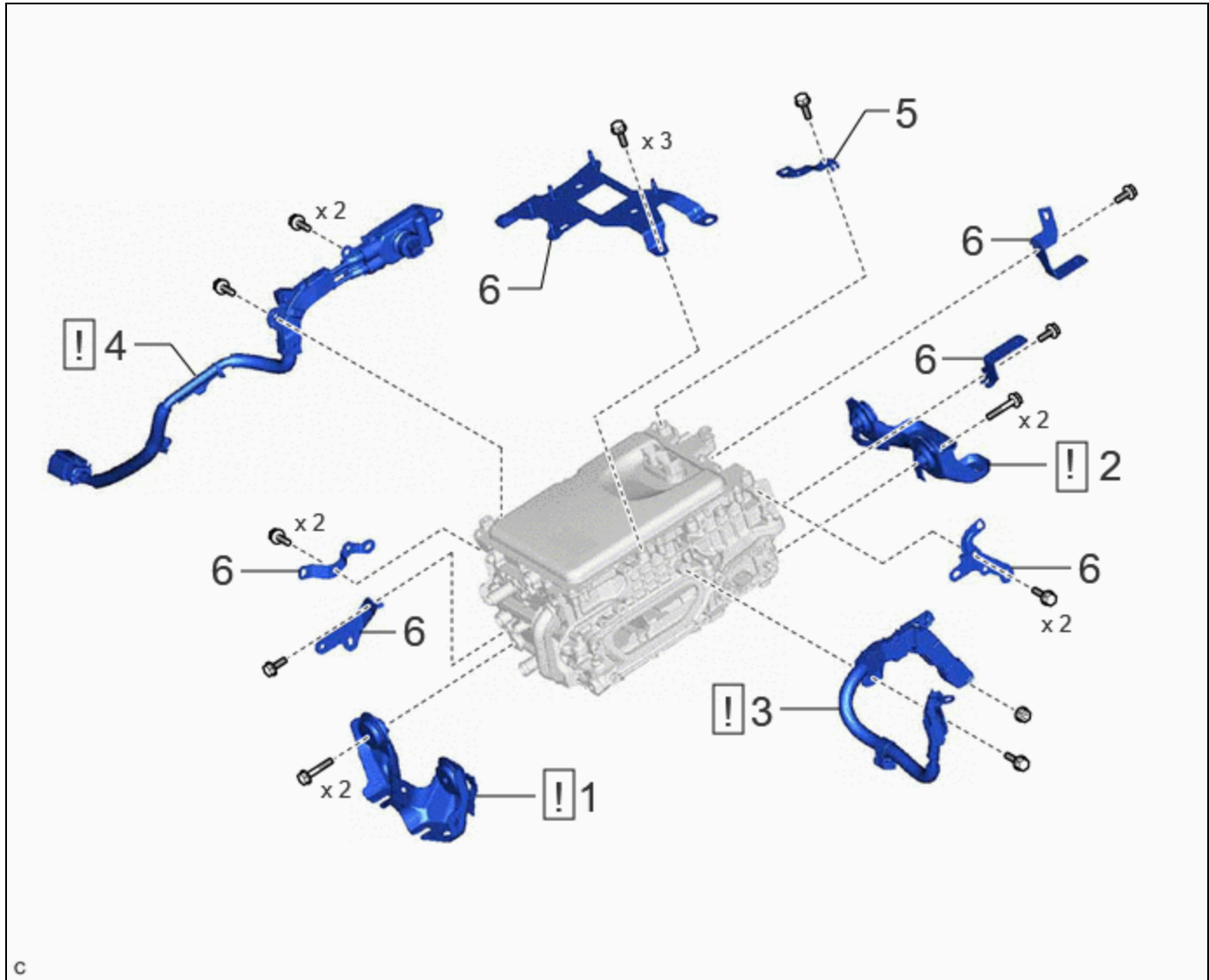


<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM100000002C17F
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [03/2023 - ]
<b>Title:</b> HYBRID / BATTERY CONTROL: INVERTER WITH CONVERTER (for PHEV Model): DISASSEMBLY; 2023 - 2024 MY Prius Prime [03/2023 - ]		




## DISASSEMBLY

### CAUTION / NOTICE / HINT

#### COMPONENTS (DISASSEMBLY)




PROCEDURE		PART NAME CODE			
1	NO. 1 INVERTER BRACKET	G9214	<a href="#">INFO</a>	-	-
2	NO. 2 INVERTER BRACKET	G9215	<a href="#">INFO</a>	-	-

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	-	-	-	-

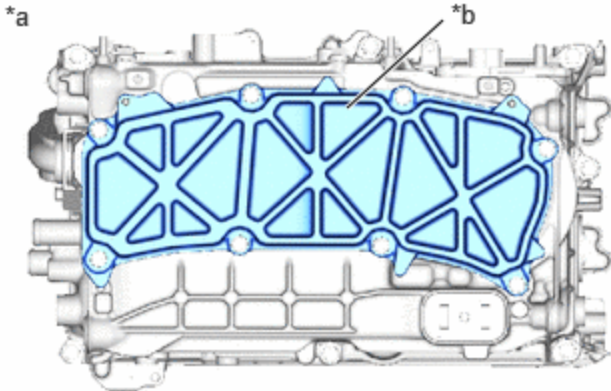
## PROCEDURE

### 1. REMOVE NO. 1 INVERTER BRACKET

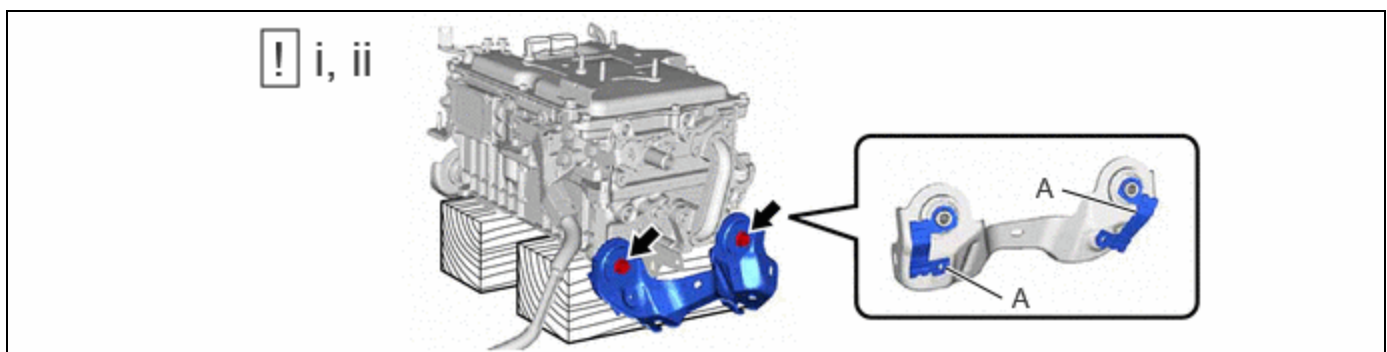


**NOTICE:**

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

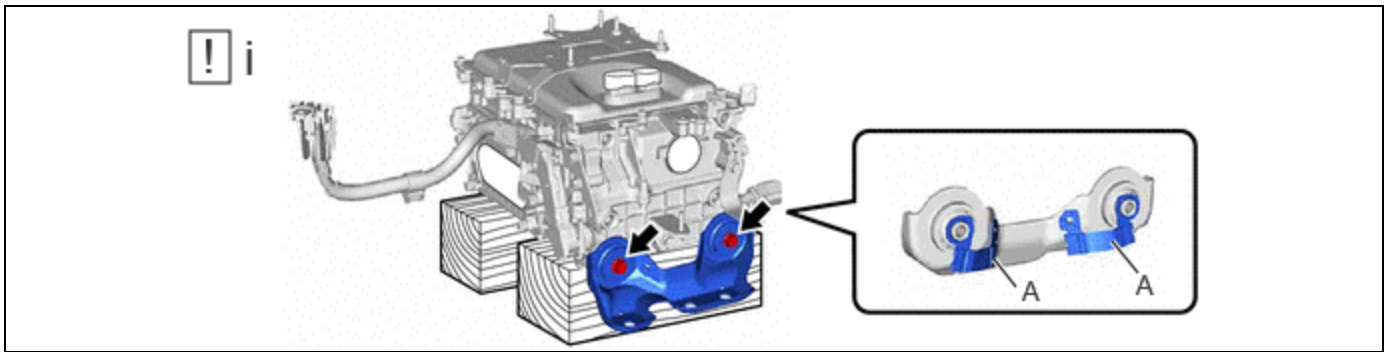


- (1) Set the inverter with converter assembly on wooden blocks.
- (2) Remove the 2 bolts and No. 1 inverter bracket from the inverter with converter assembly.

**NOTICE:**

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

### 2. REMOVE NO. 2 INVERTER BRACKET



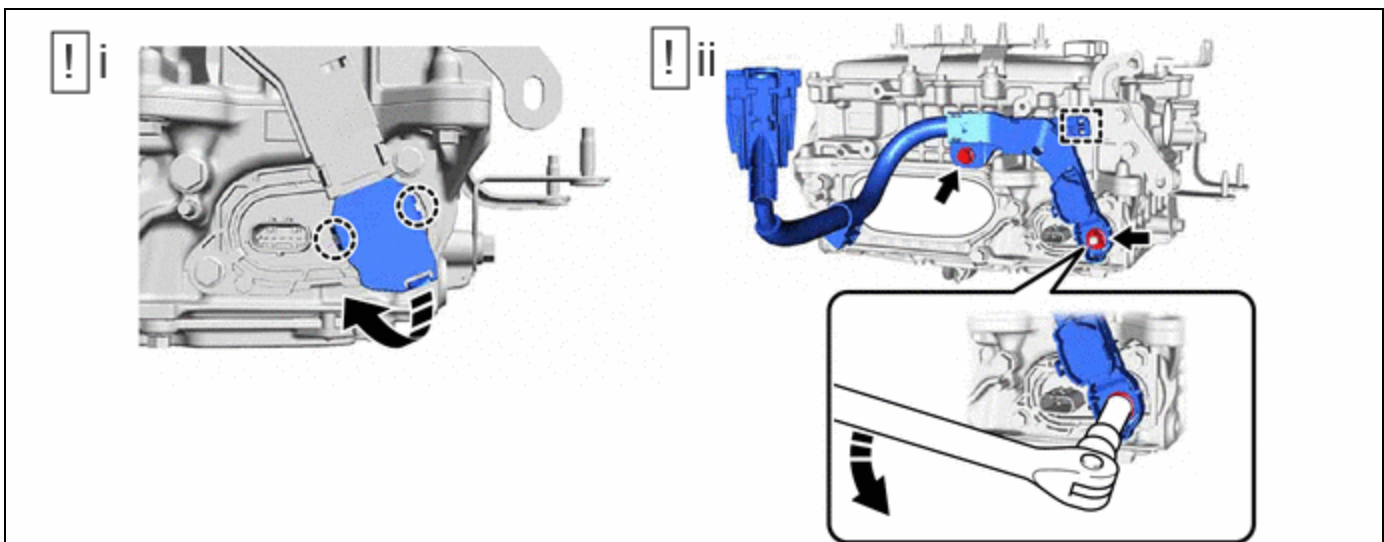
(1) Remove the 2 bolts and No. 2 inverter bracket from the inverter with converter assembly.

**NOTICE:**

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

**3. REMOVE NO. 3 ENGINE WIRE**

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



(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.

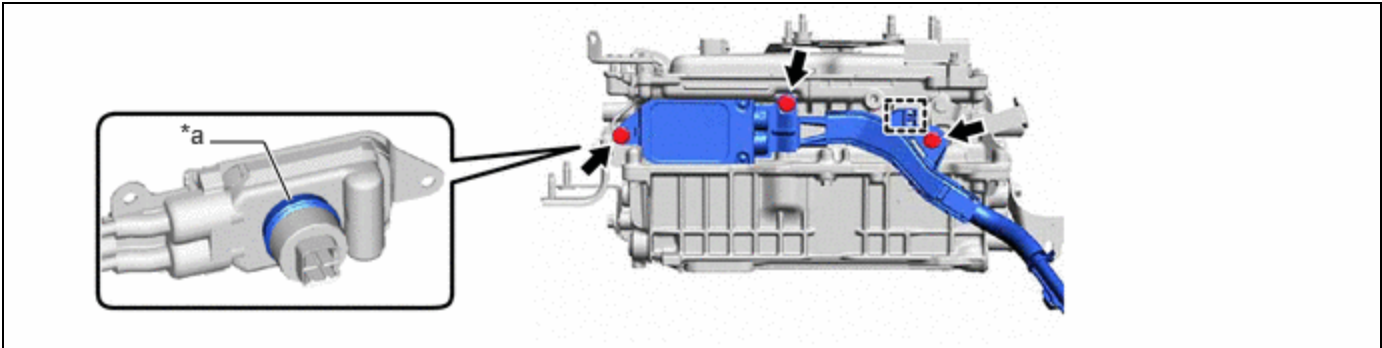
**4. REMOVE HV AIR CONDITIONING WIRE**

!

**CAUTION:**  
Be sure to wear insulated gloves.

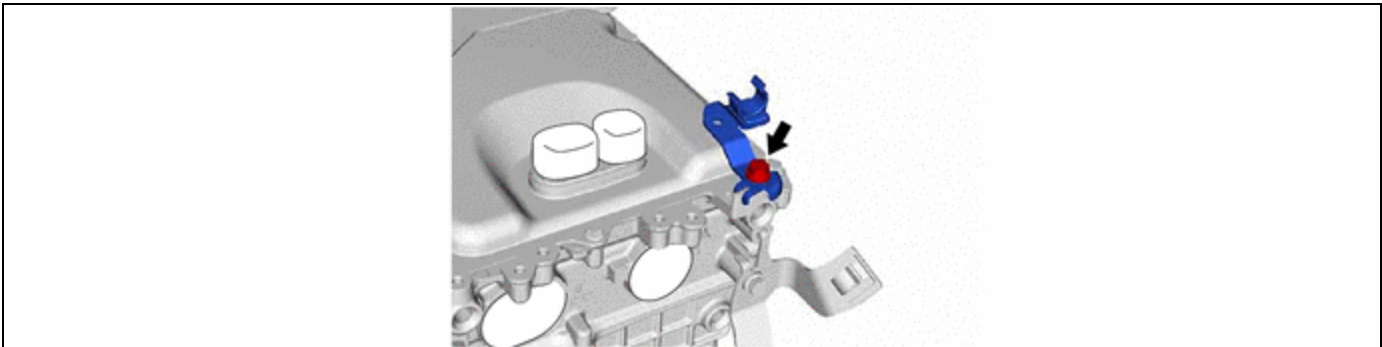
**NOTICE:**

- 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.



*a	Waterproof Seal	-	-
----	-----------------	---	---

**5. REMOVE FUEL HOSE BRACKET**



**6. REMOVE WIRE HARNESS CLAMP BRACKET**

