



1/AUG/2024 Δ1
SUBARU TECNICA INTERNATIONAL INC.
BODY ENGINEERING DEPT.

Subject: 08MY I/C WATER SPRAY KIT INSTALL
Parts Number: 86660ZR000

I/C WATER SPRAY

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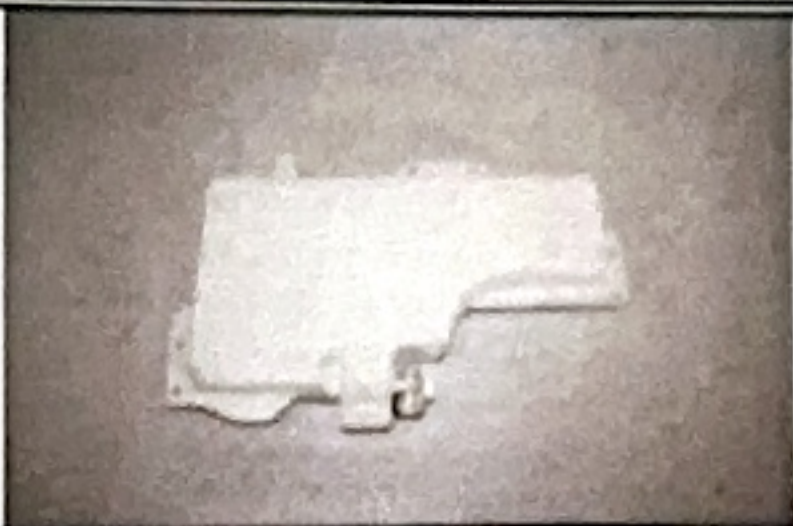
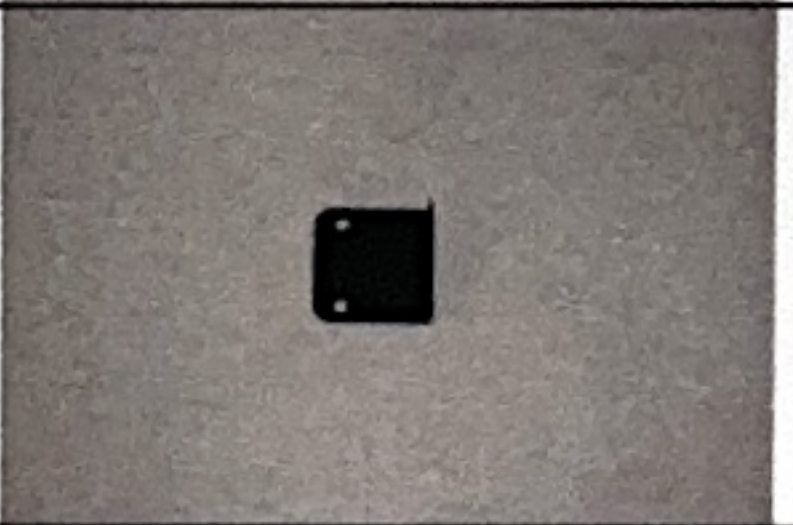
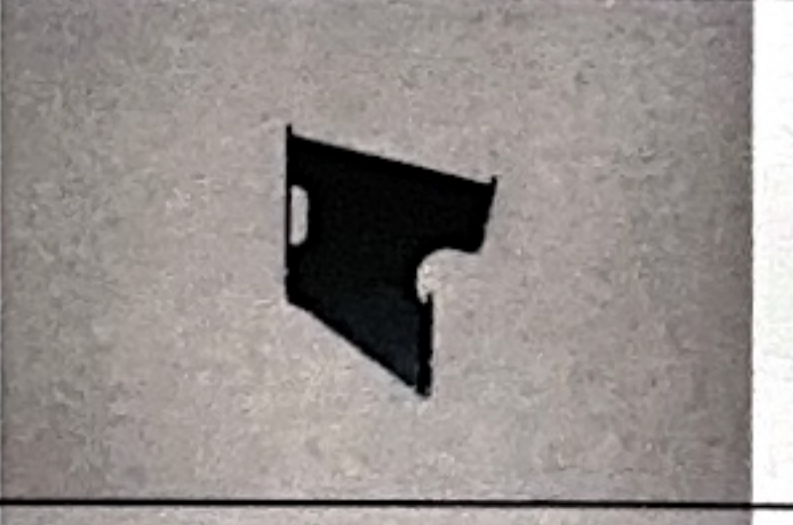
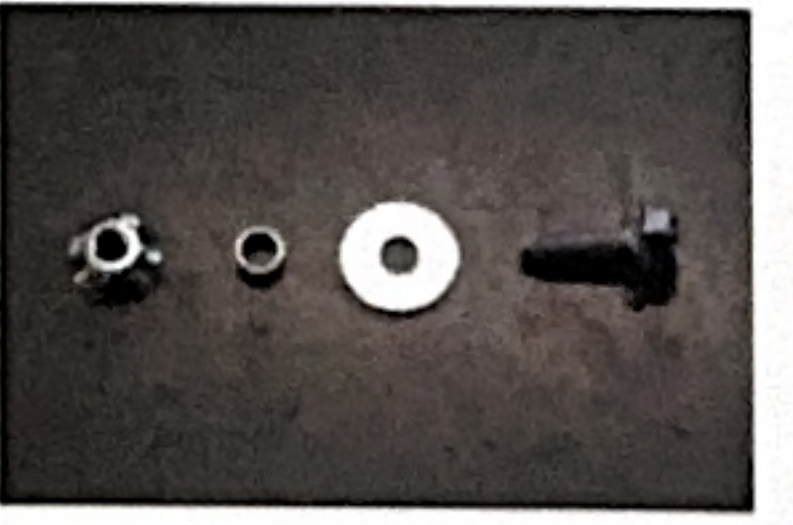
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1. Parts List – I/C WATER SPLAY KIT

No.	PART NAME	PART No.	Qty	Photo	Note
1	I/C W SPRAY TANK ASSY	86660ZR020	1		with PUMP (same as 07MY)
2	HOSE ASSY	86660ZR030	1		
3	BRKT A	86660ZR040	1		
4	BRKT B	86660ZR050	1		
5	BRKT C RH	86660ZR060	1		For LEFT Hand side
6	BRKT C LH	86660ZR070	1		For RIGHT Hand side
7	BRKT D	86660ZR080	1		
8	SPACER		6		For TANK
9	WASHER	-031206000	6		For TANK
10	FLANGE BOLT M6	-010006200	15		For TANK / BODY
11	FLANGE NUT M6		15		For TANK / BODY

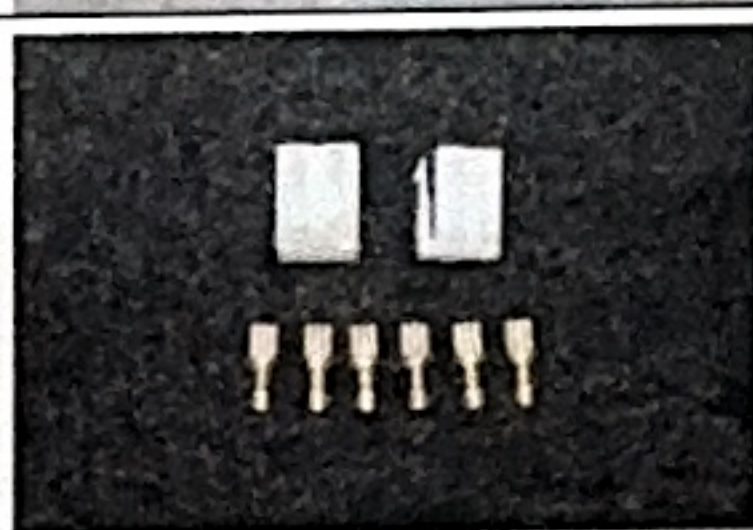
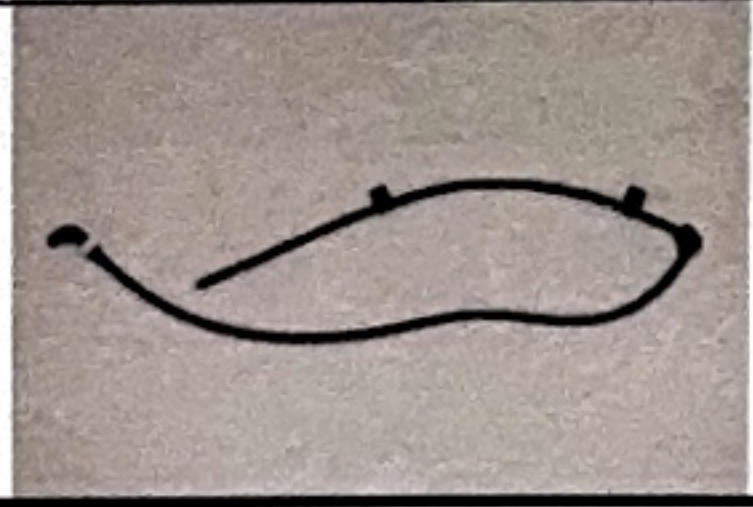
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No.	PART NAME	PART No.	Qty	Photo	NOTE
12	WIPER INT. UNIT	F6057TC100	1		
13	I/C W SPRAY TIMER ASSY	88017FE040	1		same as 07MY
14	CONNECTOR 2P	6HB-2FL	1		
15	CONNECTOR 4P	6HB-4FL	1		
16	TERMINAL		6		
17	NOZZLE I/C	86636FA120	1		same as 07MY
18	HOSE I/C	86655FE221	1		same as 07MY

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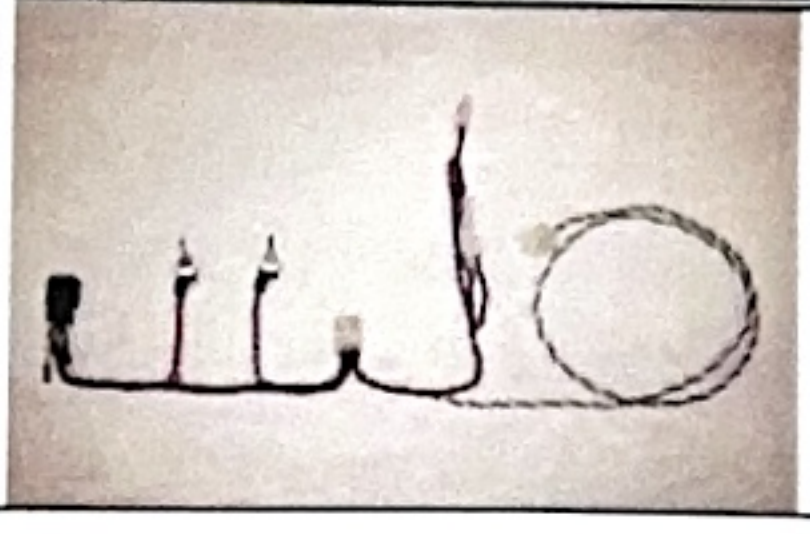
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2. Parts List – Prepare your own

No.	PART NAME	PART No.	Qty	Photo	NOTE
1	HARNESS	-	1		
2	SWITCH for AUTO MODE	-	1		PUSH LOCK or TOGGLE type
3	SWITCH for MANUAL MODE	-	1		PUSH or MOMENTARY type
4	HOSE for E/G room – Driver's room	-	1		Reference; 86655FE320 HOSE ASSY F/I/C/S (same as 07MY)
5	HOSE for Driver's room	-	1		Reference; 86655FE040 HOSE ASSY R/SD (same as 07MY)

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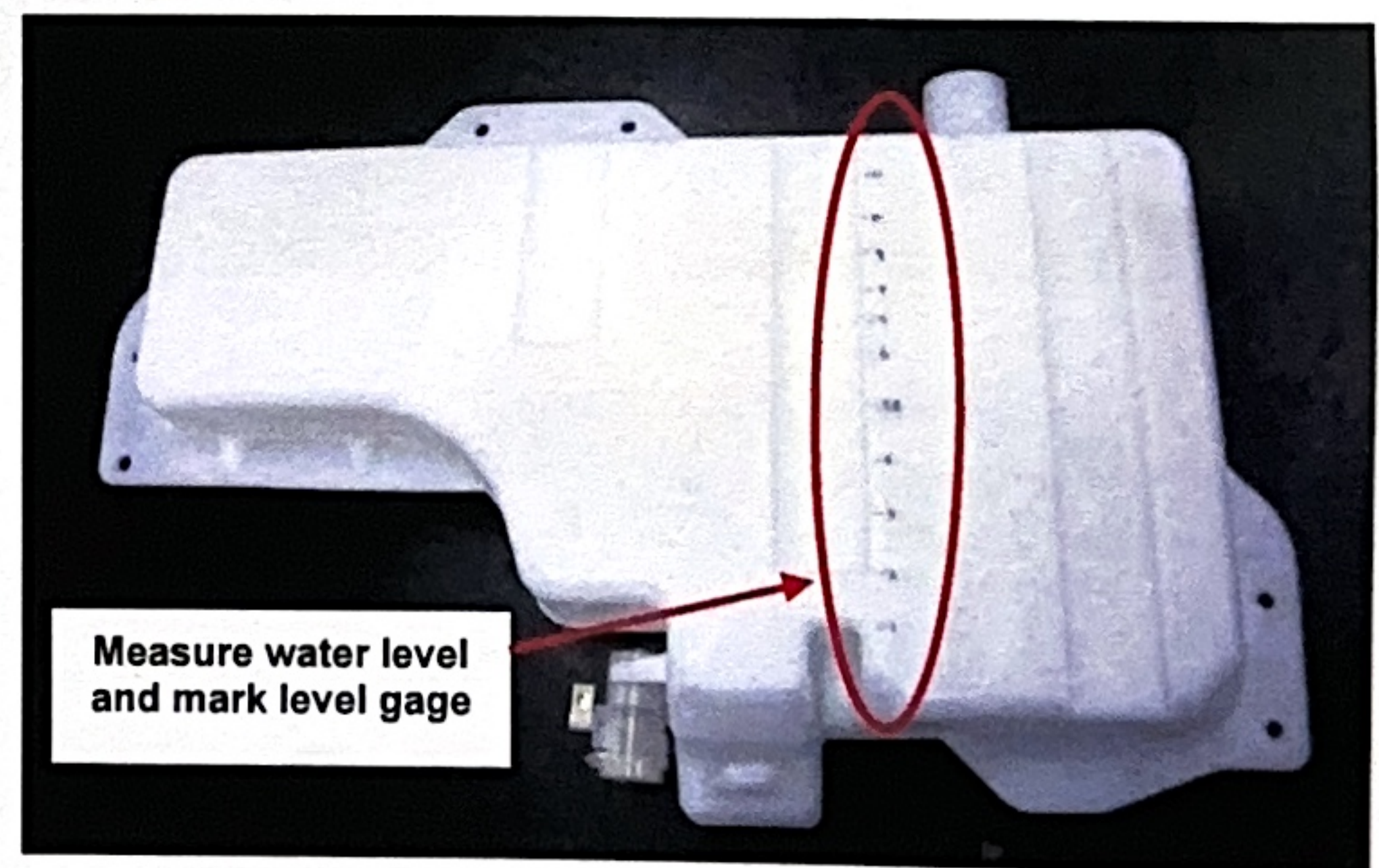
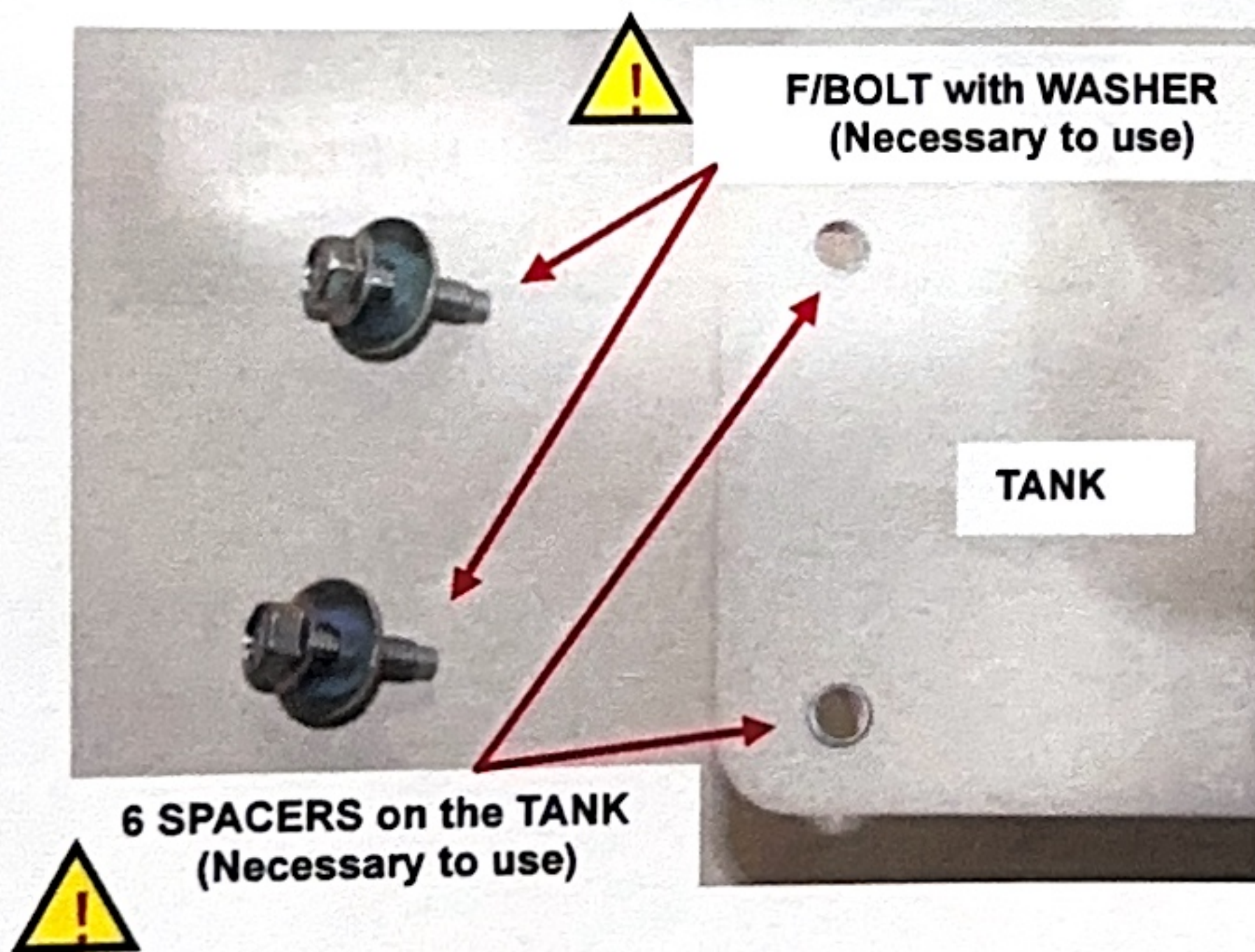
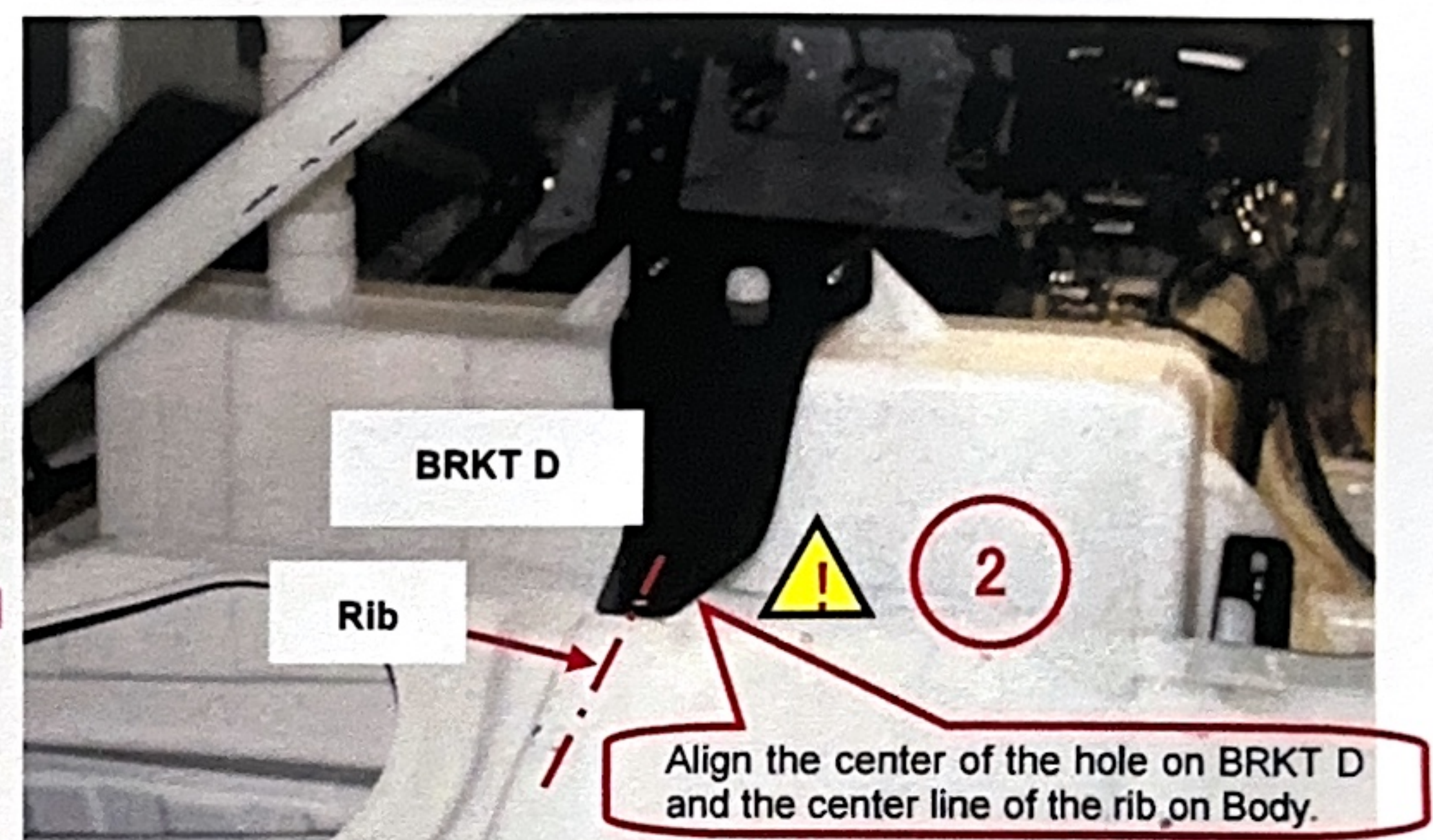
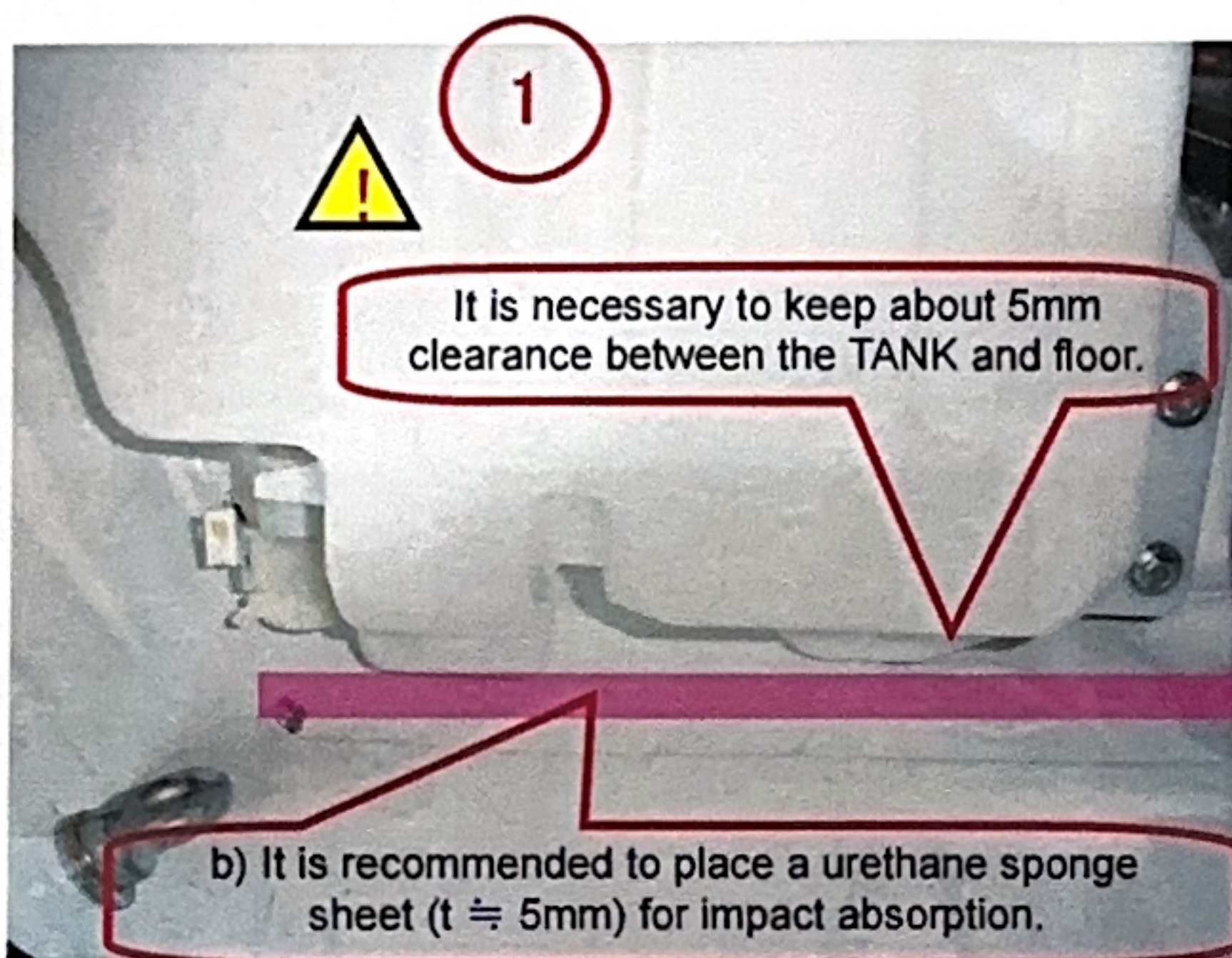
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3. Mount the TANK to BODY

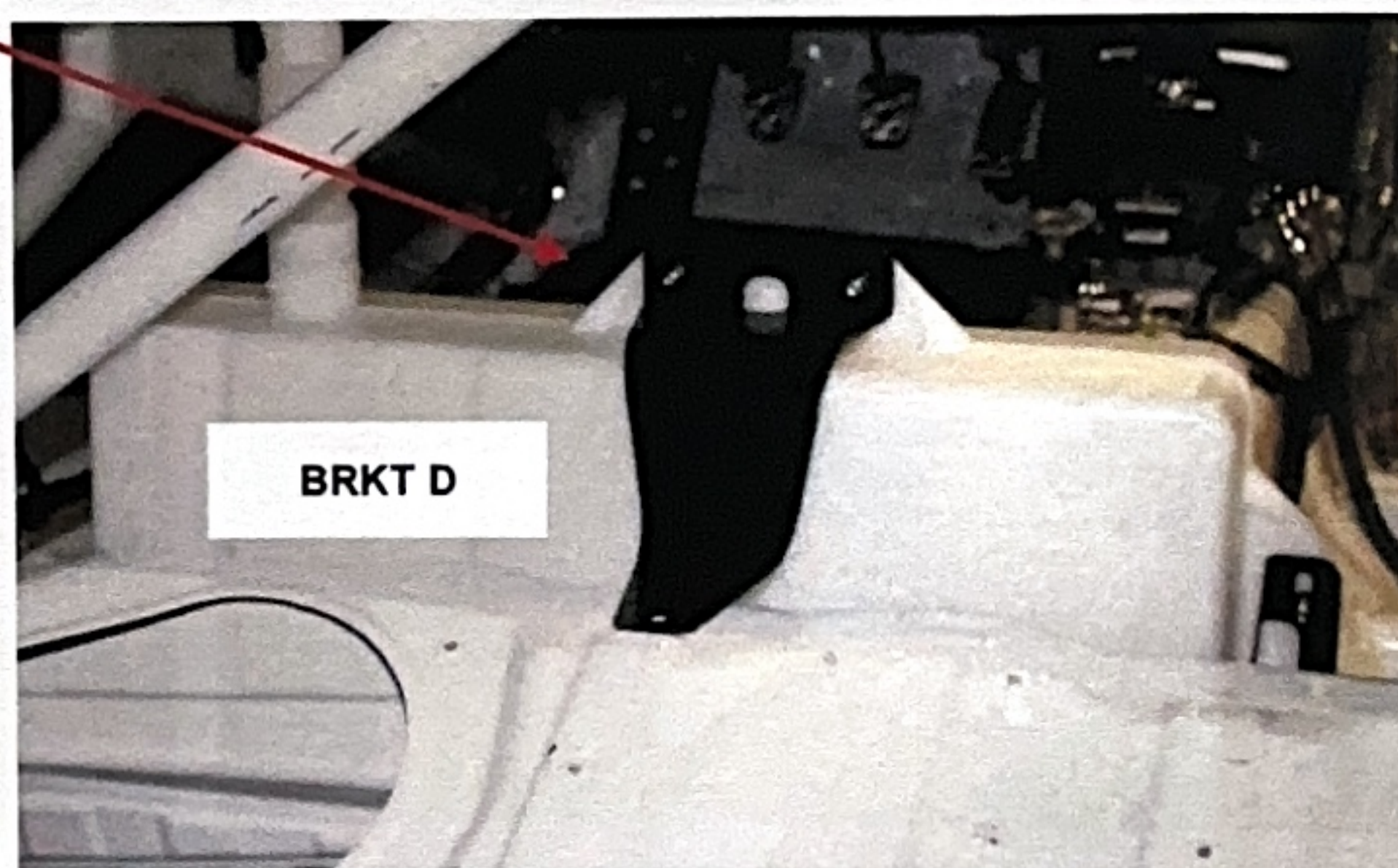
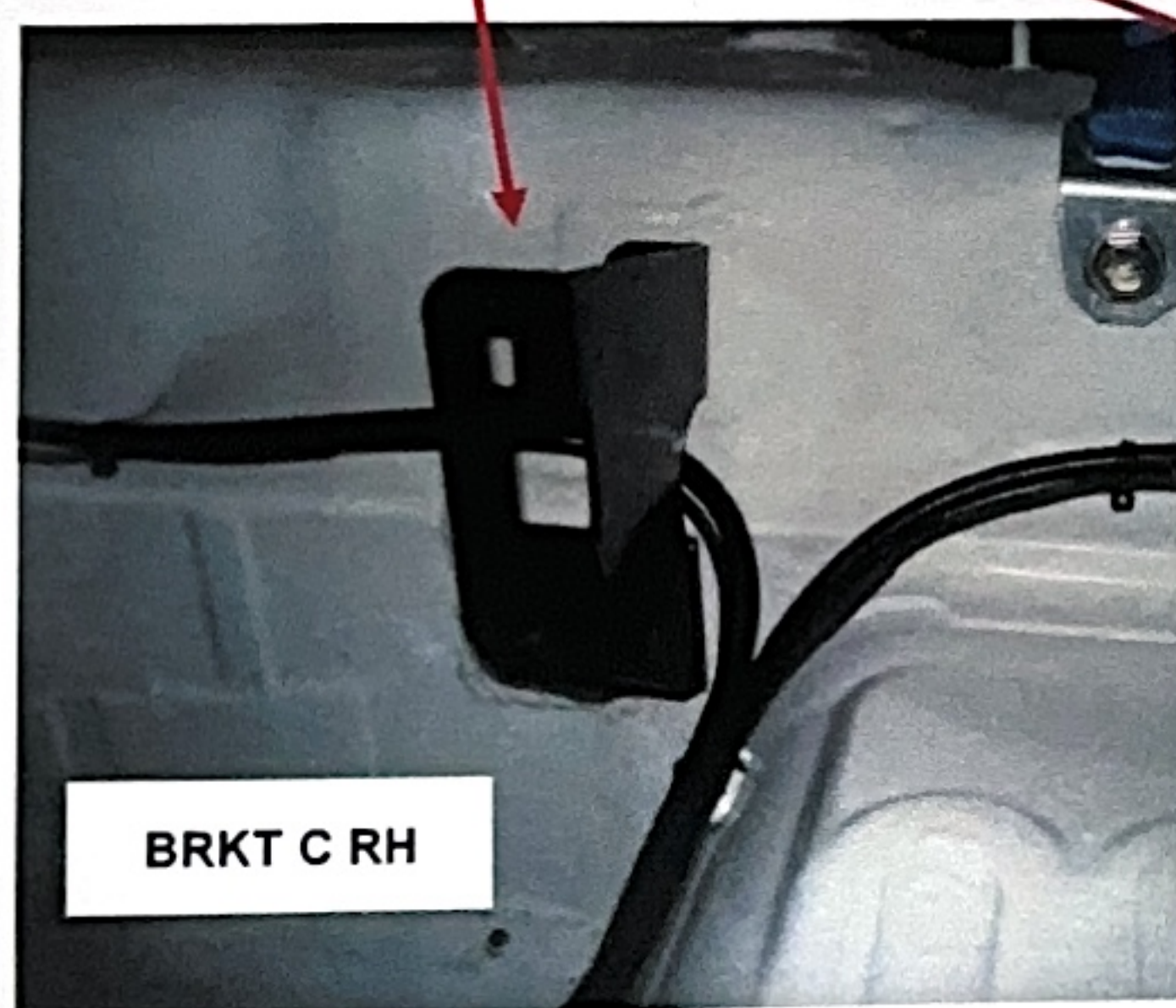
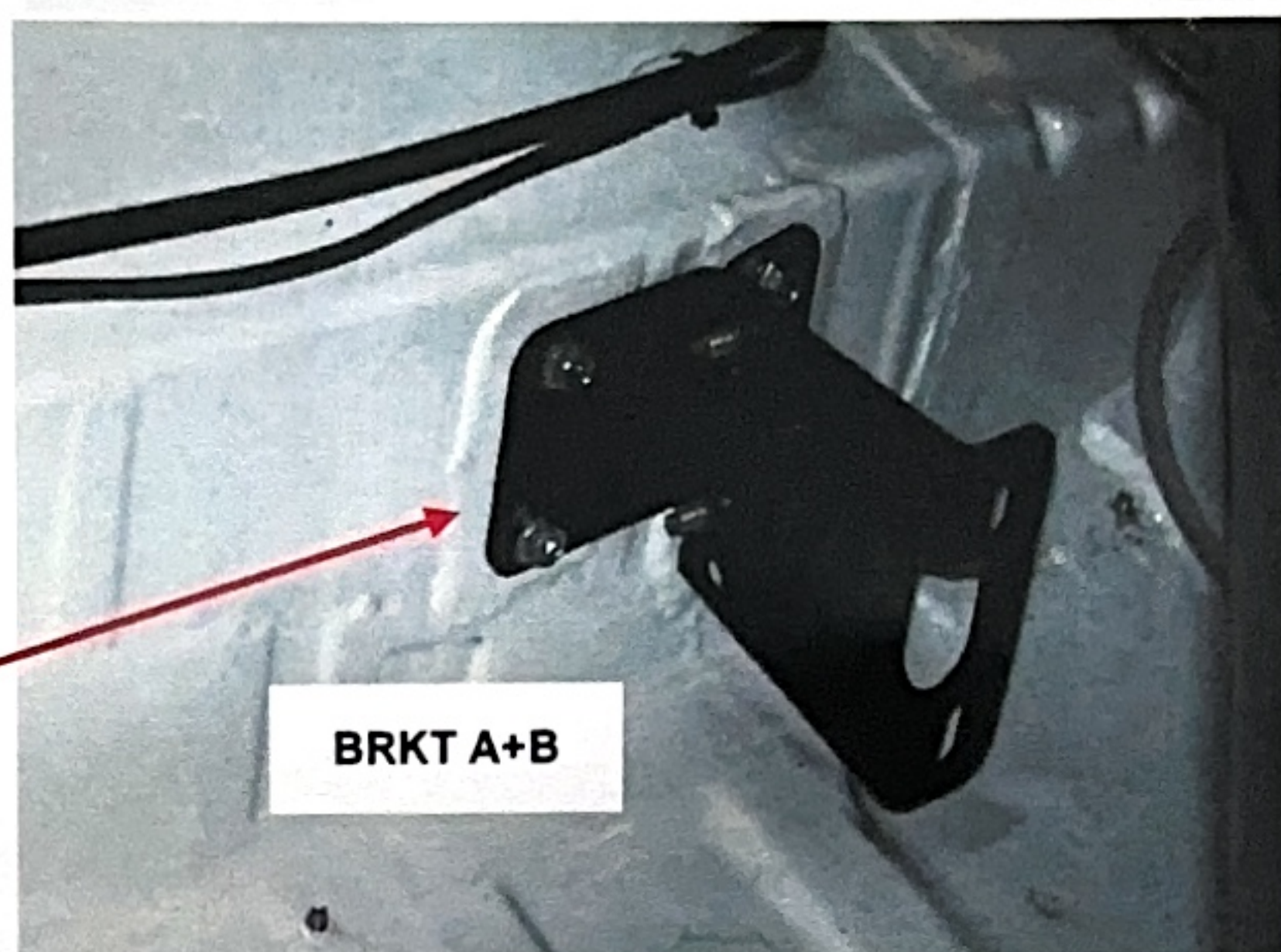
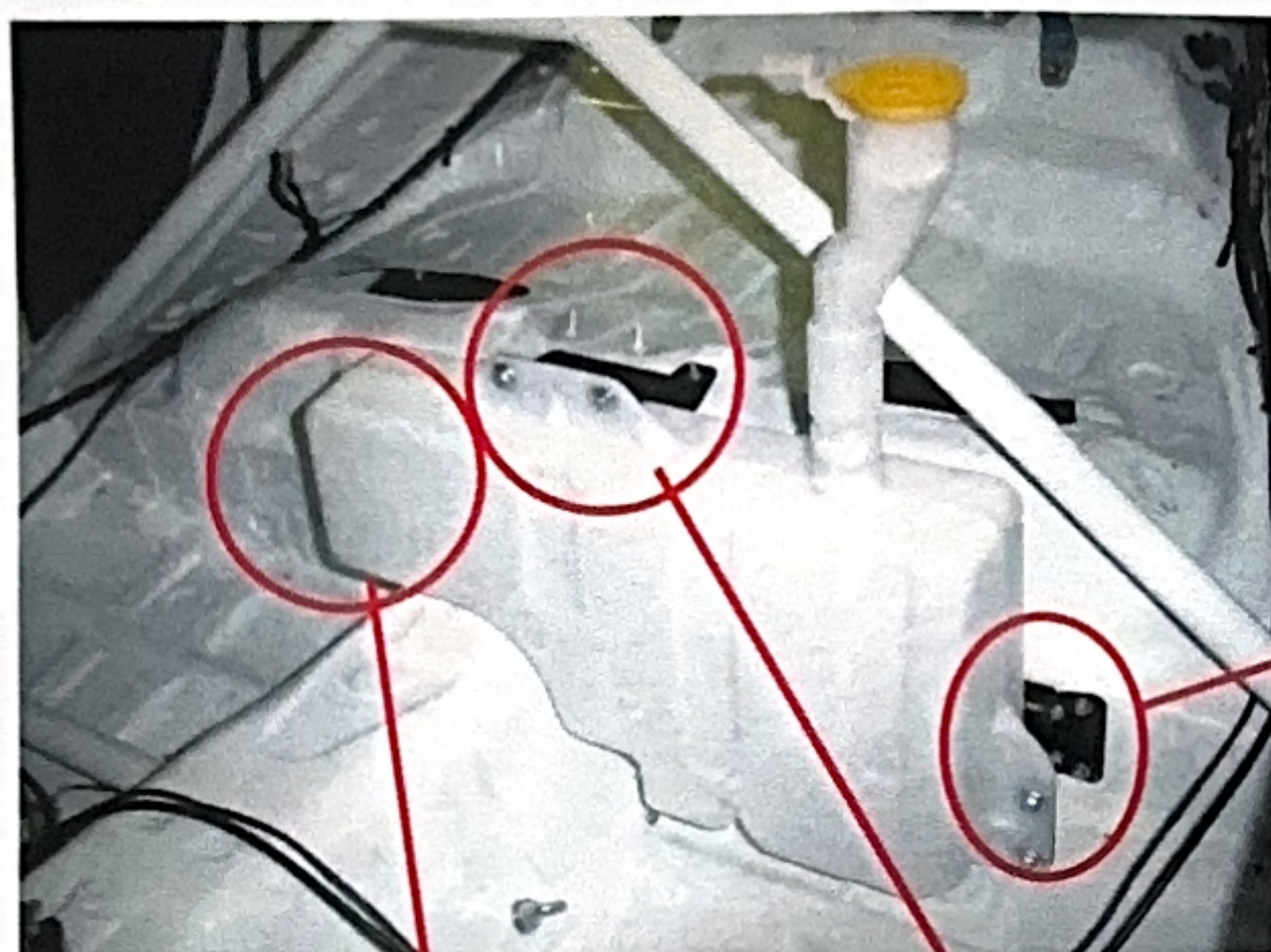
- a) It is possible to mount this TANK on either Right or Left hand side with select of the BRKT C.
Assemble the TANK and BRKT A, B, C and D at first, and then decide the mounting position on Body;
- ① Vertical direction; Adjust the gap between the tank and floor to about 5mm.
Please take a level and balance out each end of the TANK.
 - ② Horizontal direction; Align the center of the hole on BRKT D and the center line of the rib on Body.
- b) It is recommended to place a urethane sponge sheet between the TANK and floor for impact absorption.
c) Put spacers on 6 joins on the TANK and use washers with F/Bolts.
d) It is recommended to measure and mark level gage of water before mount.





3-1. For mount on LH side

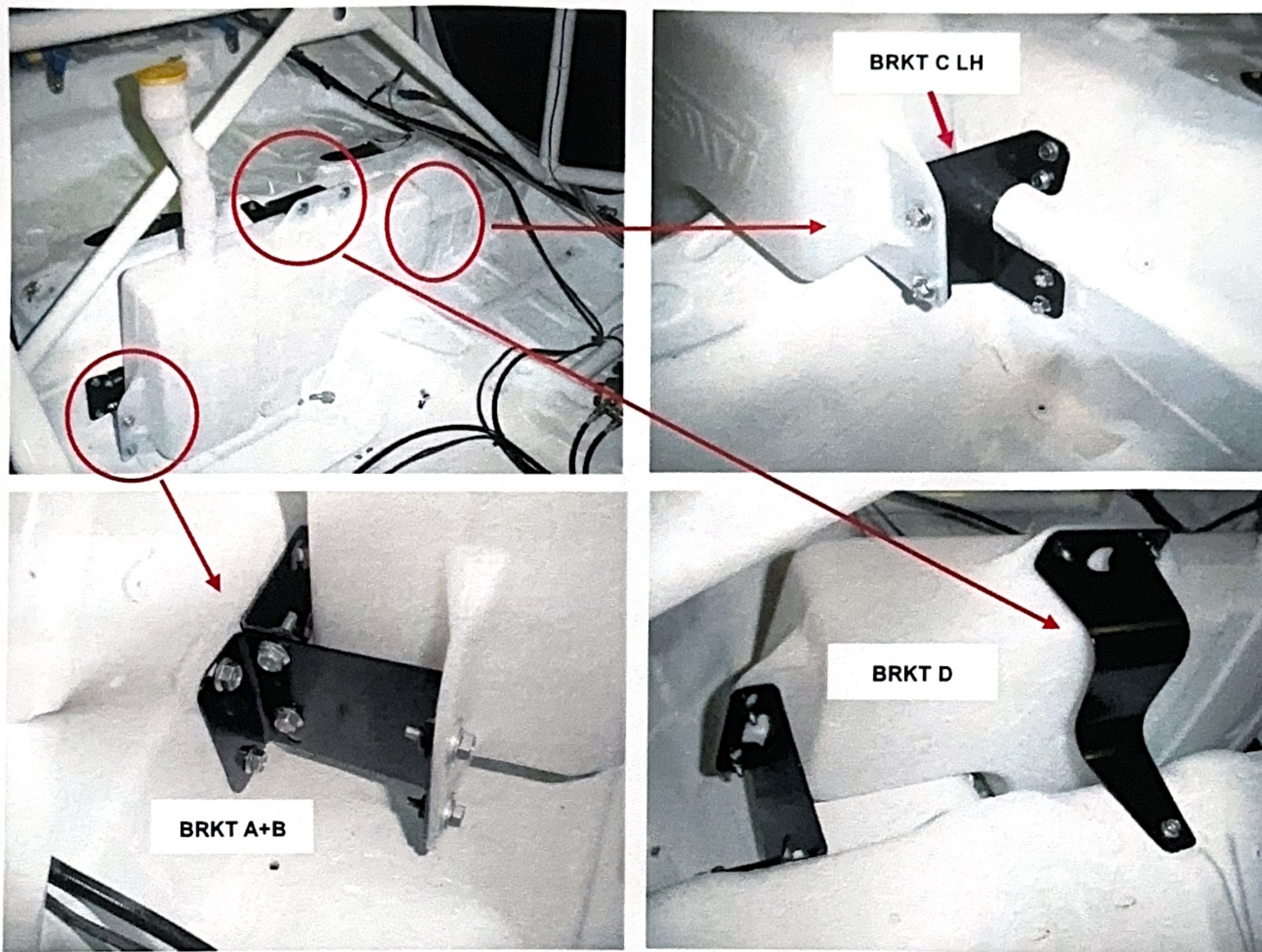
Use BRKT A, B, D and C RH and mount the TANK.





3-2. For mount on RH side

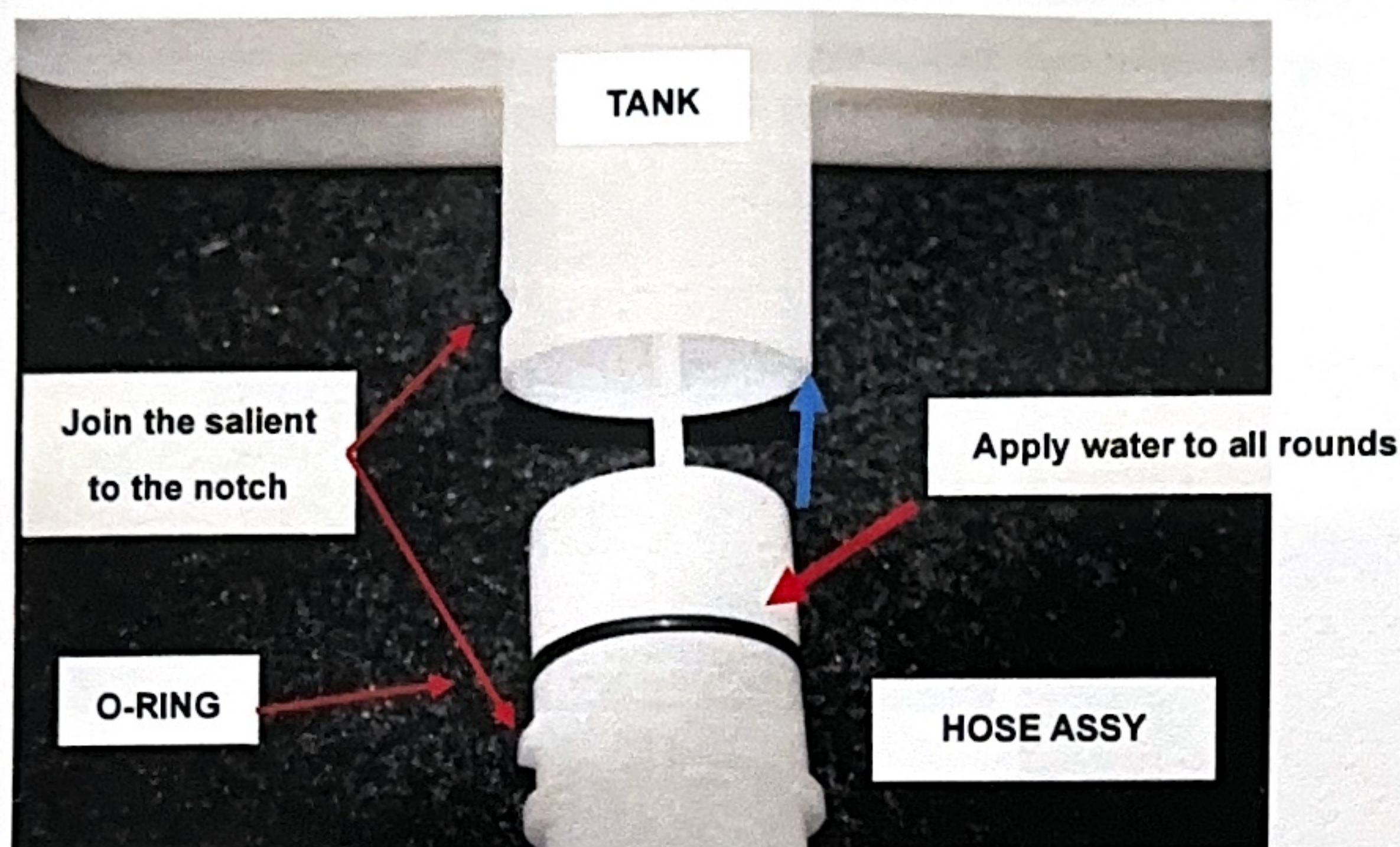
Use BRKT A, B, D and C LH and mount the TANK.





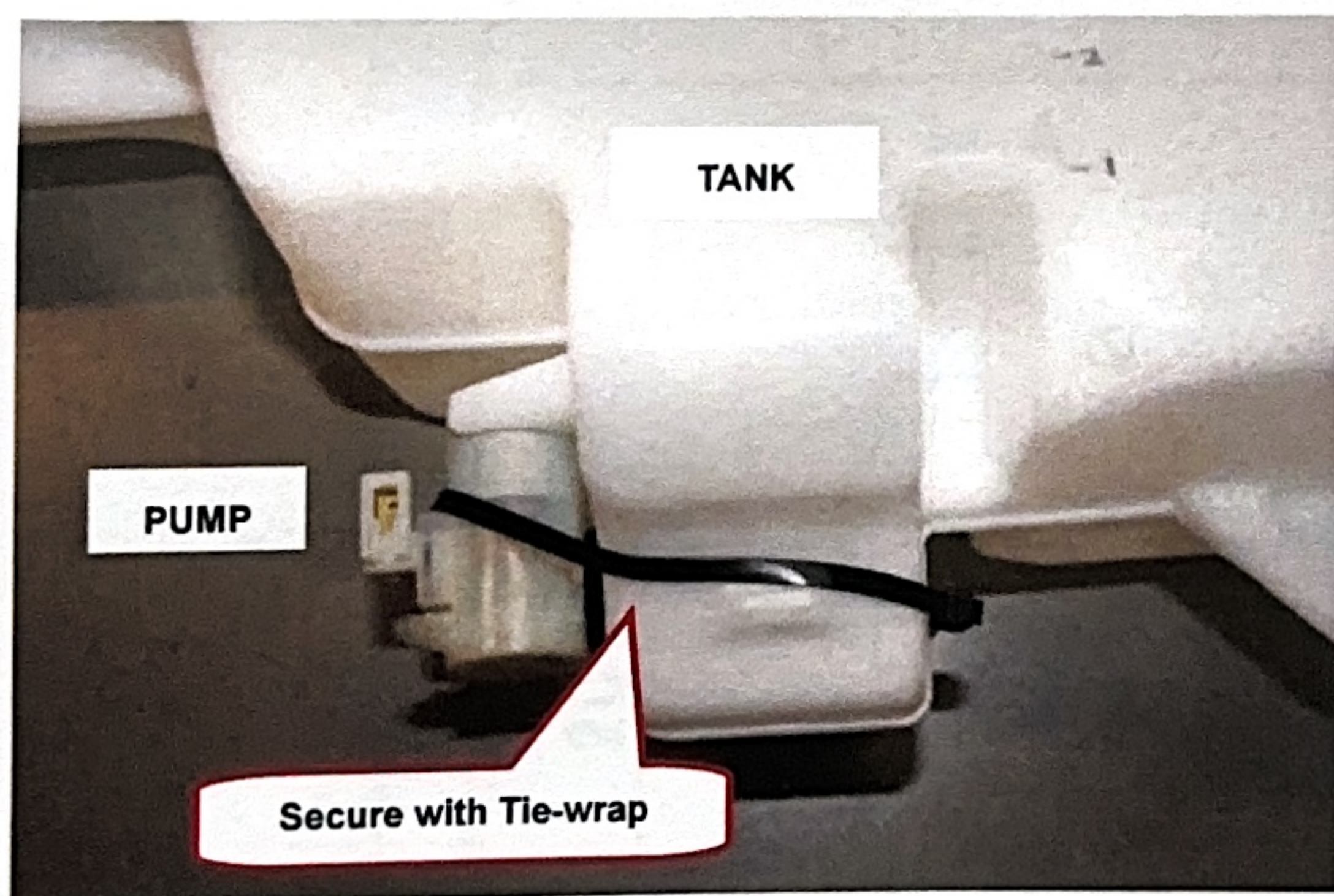
3-3. TANK ASSEMBLY

When mounting HOSE ASSY to the TANK, it is necessary to apply water to O-RING for smooth insert and assemble to join salient of HOSE ASSY and notch of the TANK.



3-4. Additional PUMP anchorage

In preparation for rough event, secure the PUMP as below will be safer to avoid any move.



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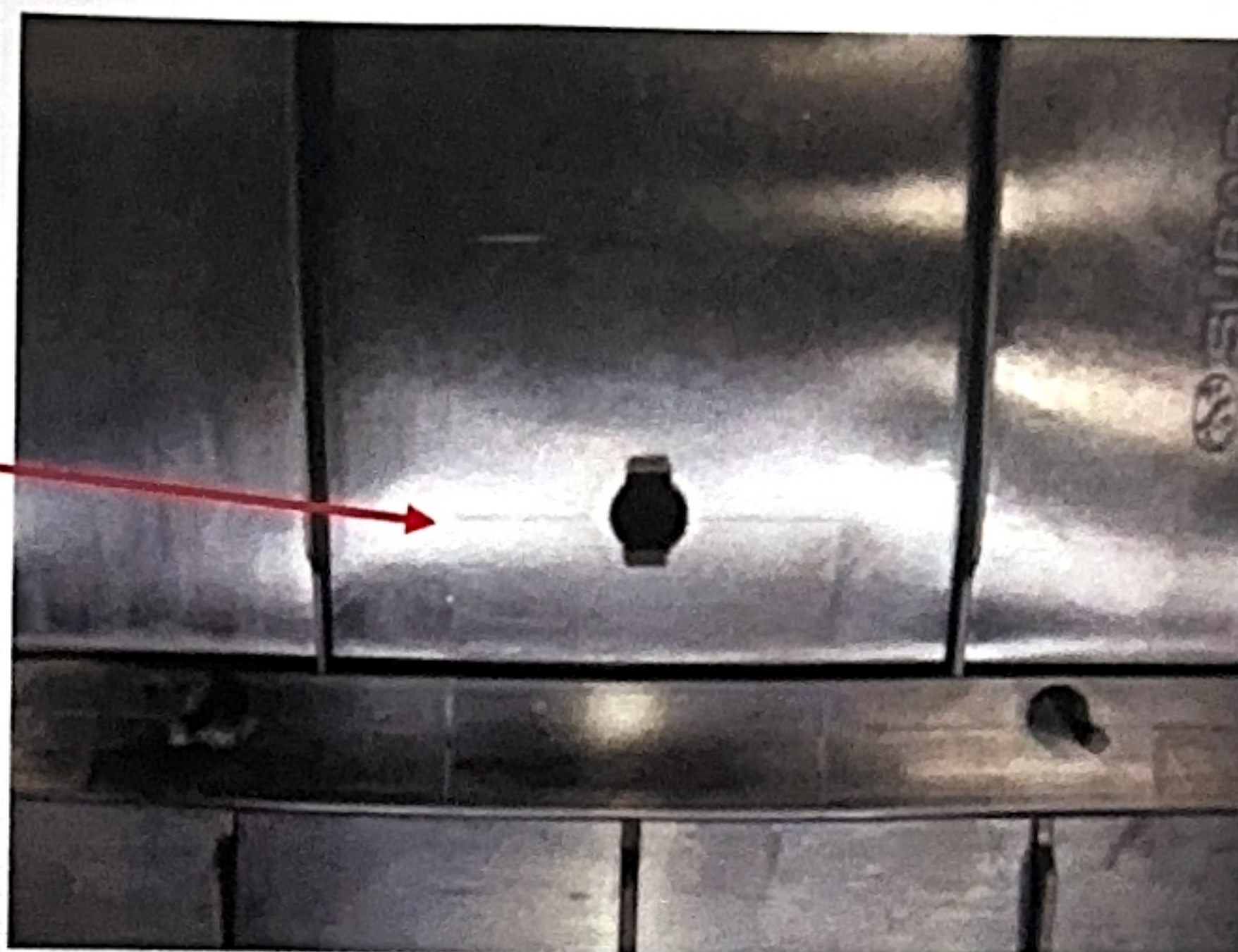
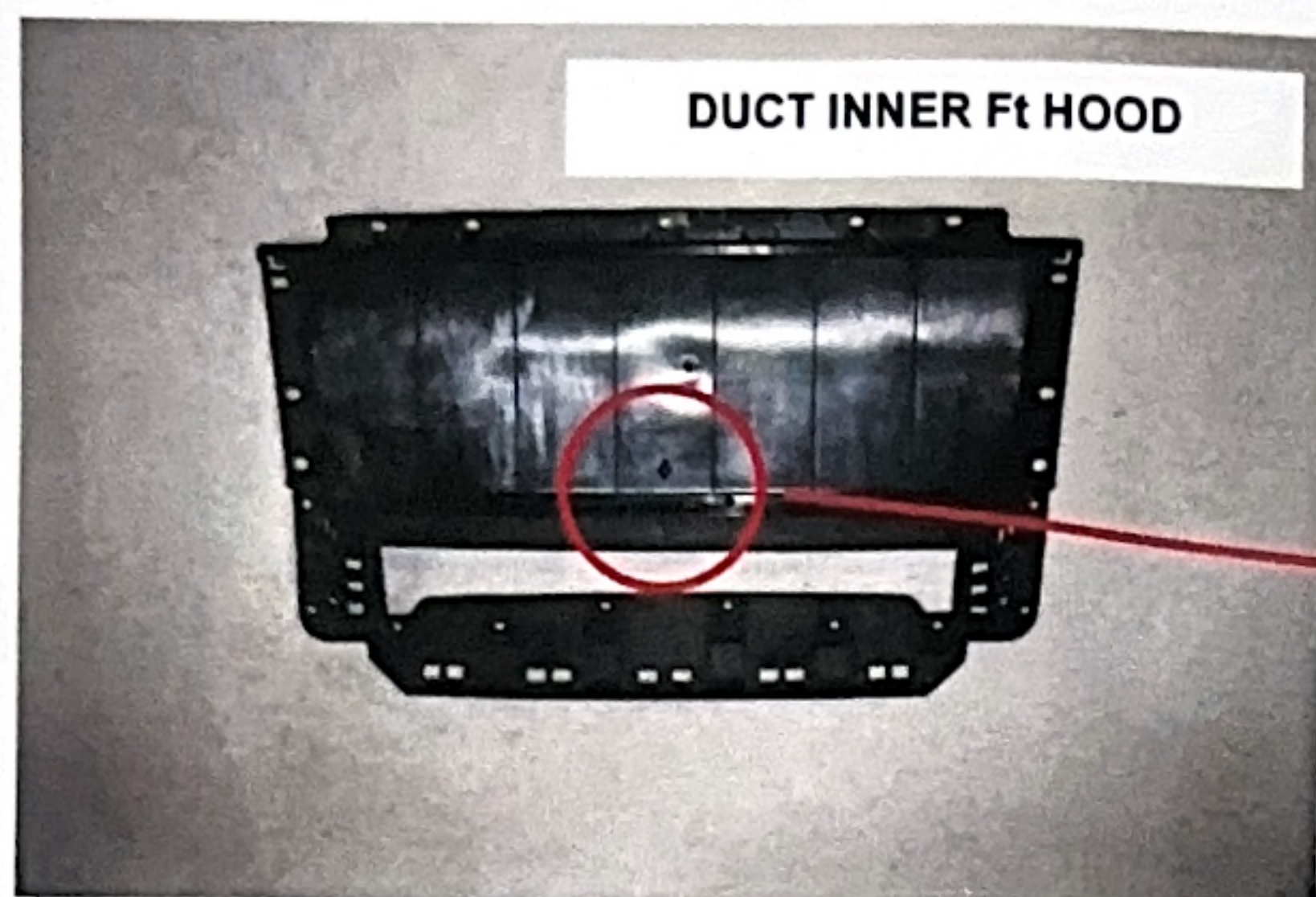
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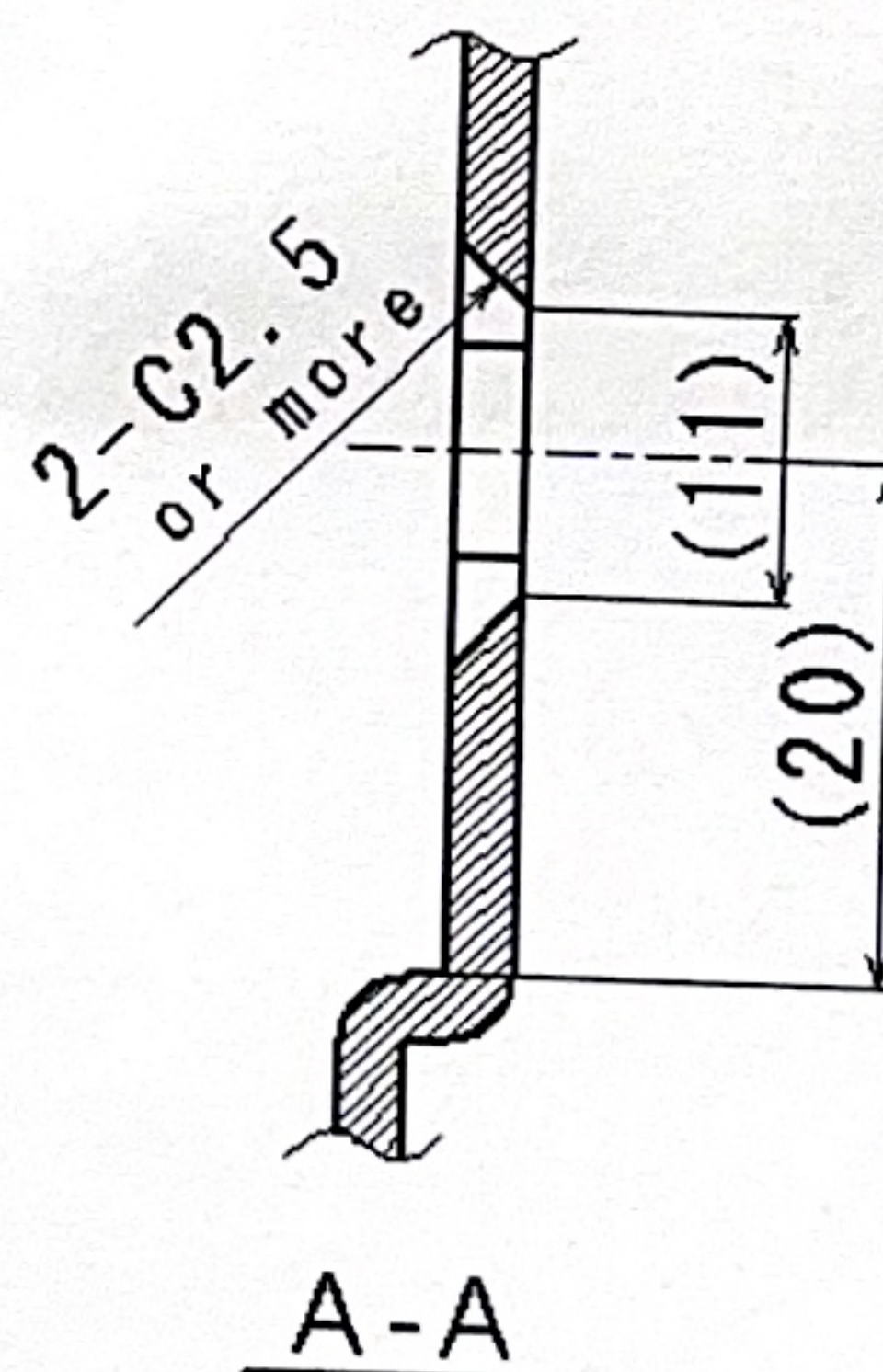
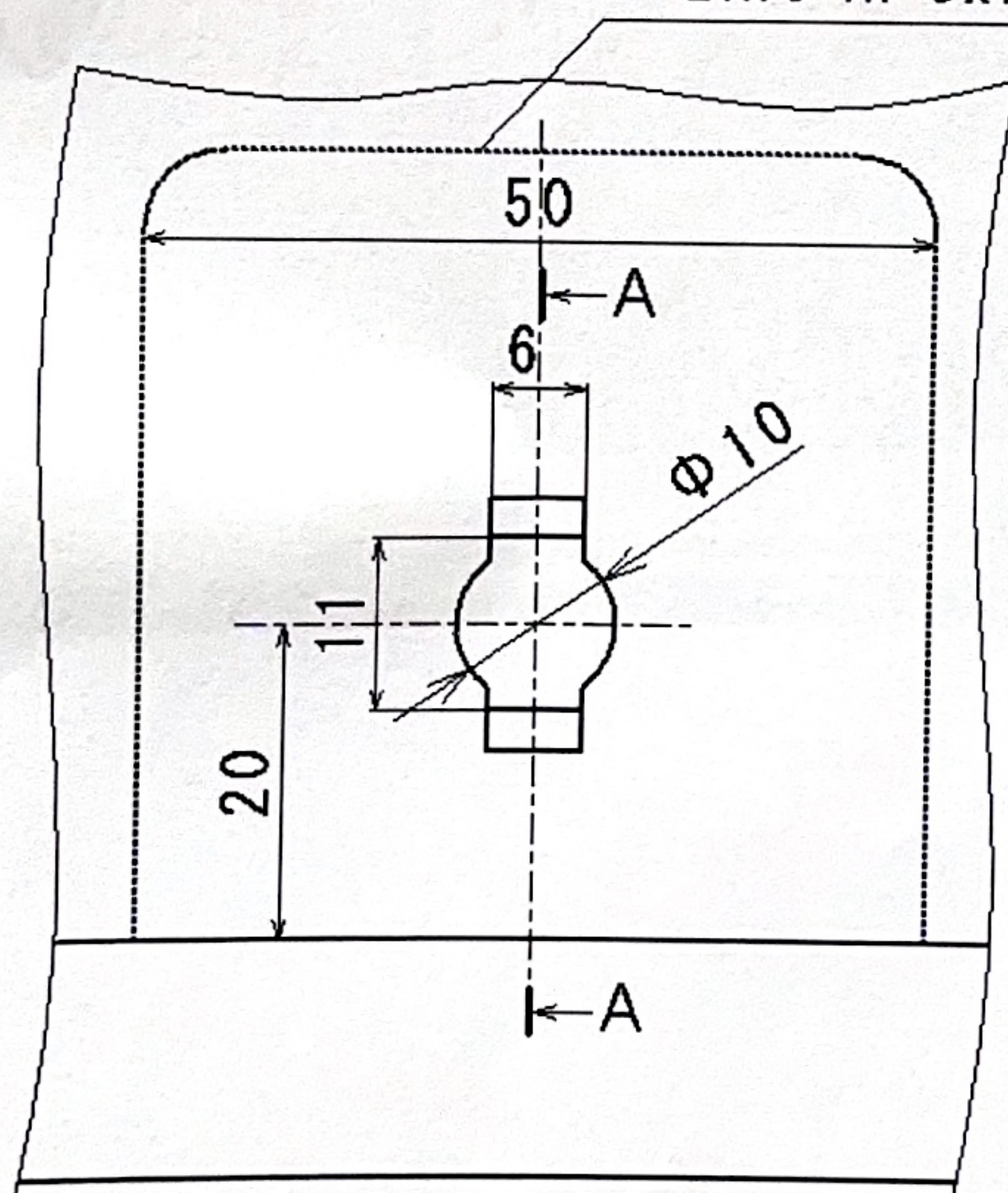
4. Mount the NOZZLE

4-1. Process of DUCT INNER Ft HOOD

Process the DUCT INNER Ft HOOD for mounting the NOZZLE.



Line in existence

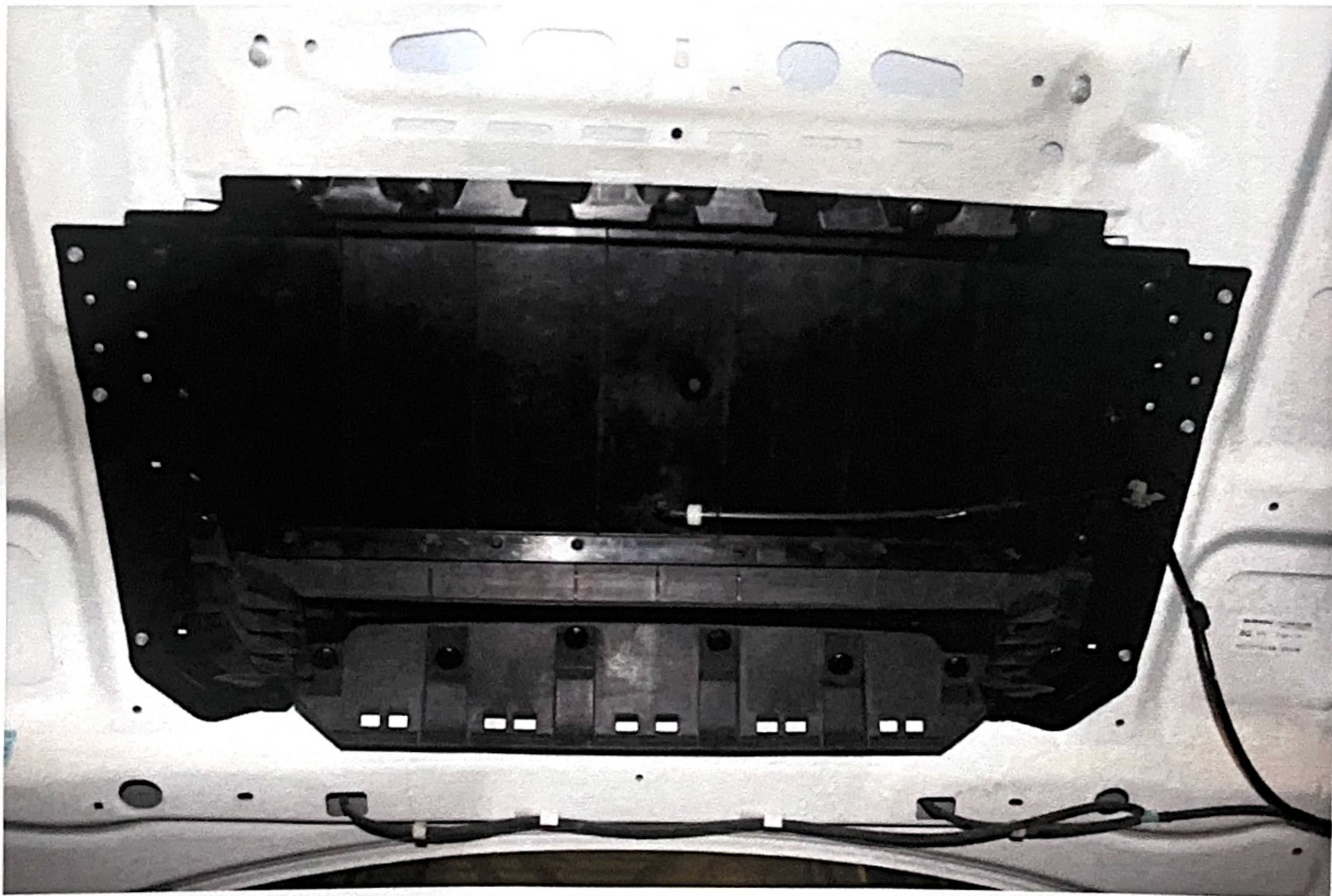
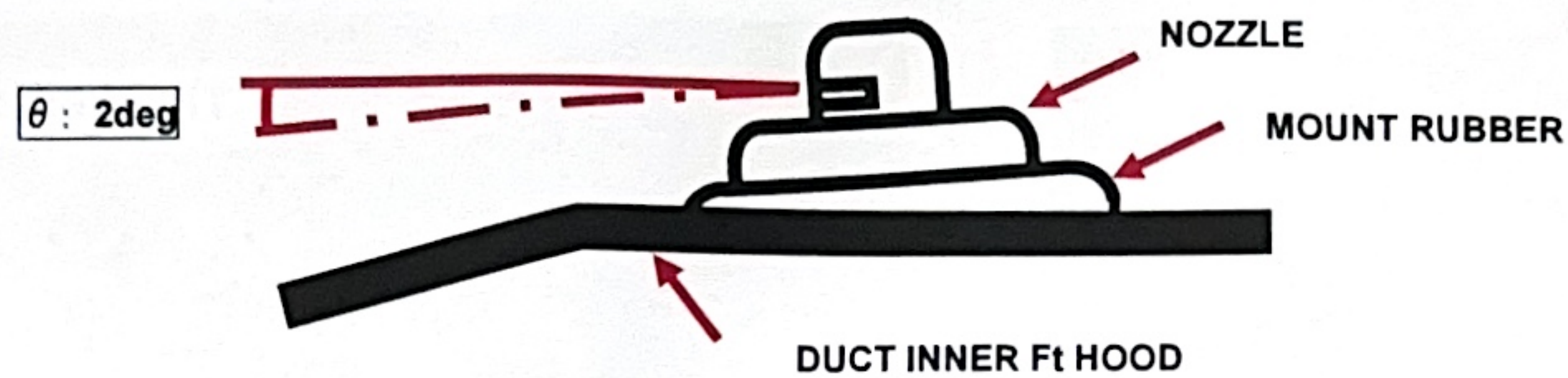


Drawing - Process of DUCT INNER Ft HOOD



4-2. Confirm the angle of NOZZLE mounting

The angle is best to be **2 degrees** which based on DUCT INNER Ft HOOD.
Check the angle and adjust the height of MOUNT RUBBER.



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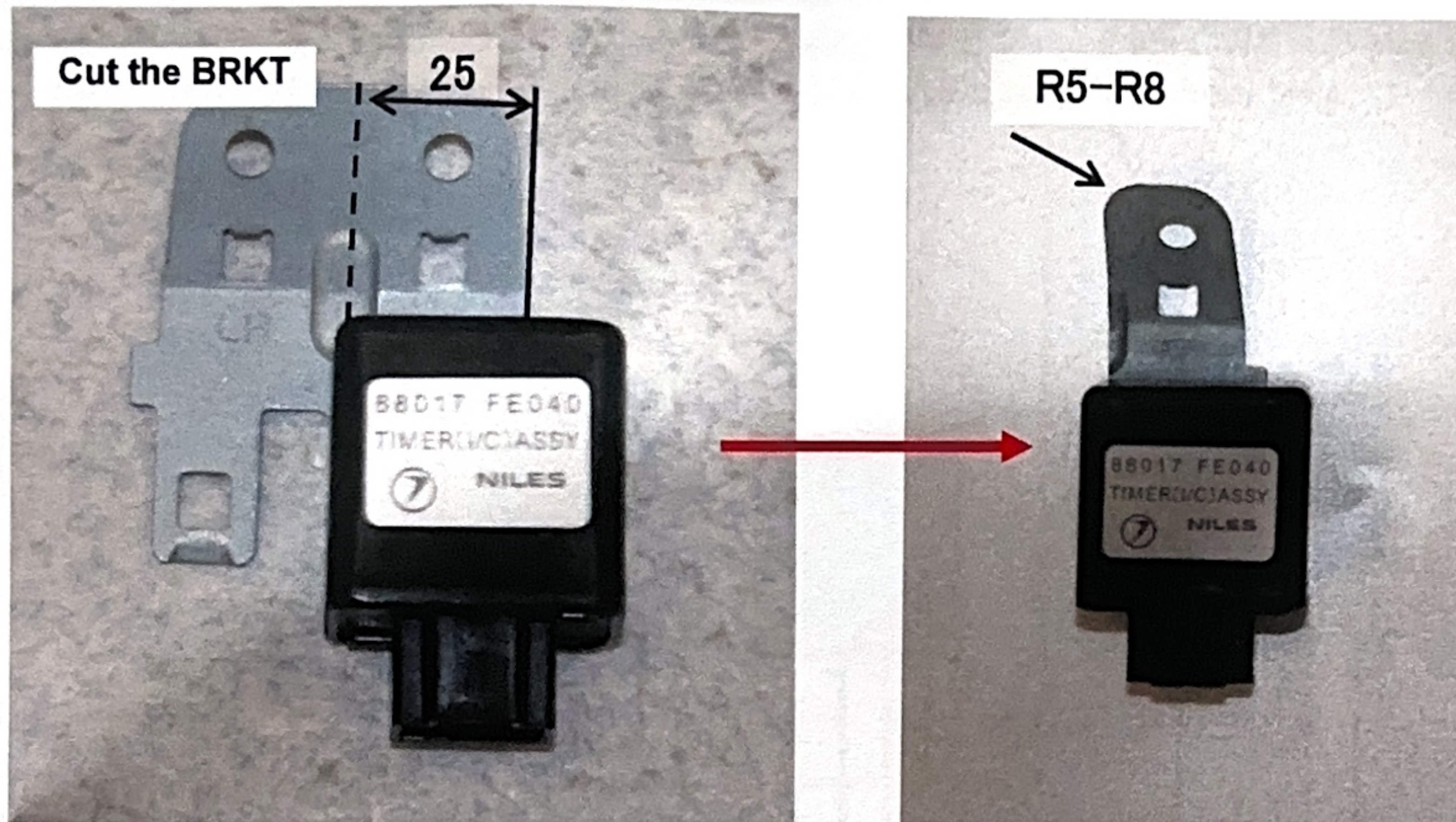
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5. Process of I/C W SPRAY TIMER ASSY BRKT

Remove the unnecessary part of BRKT as the pictures below indicate.



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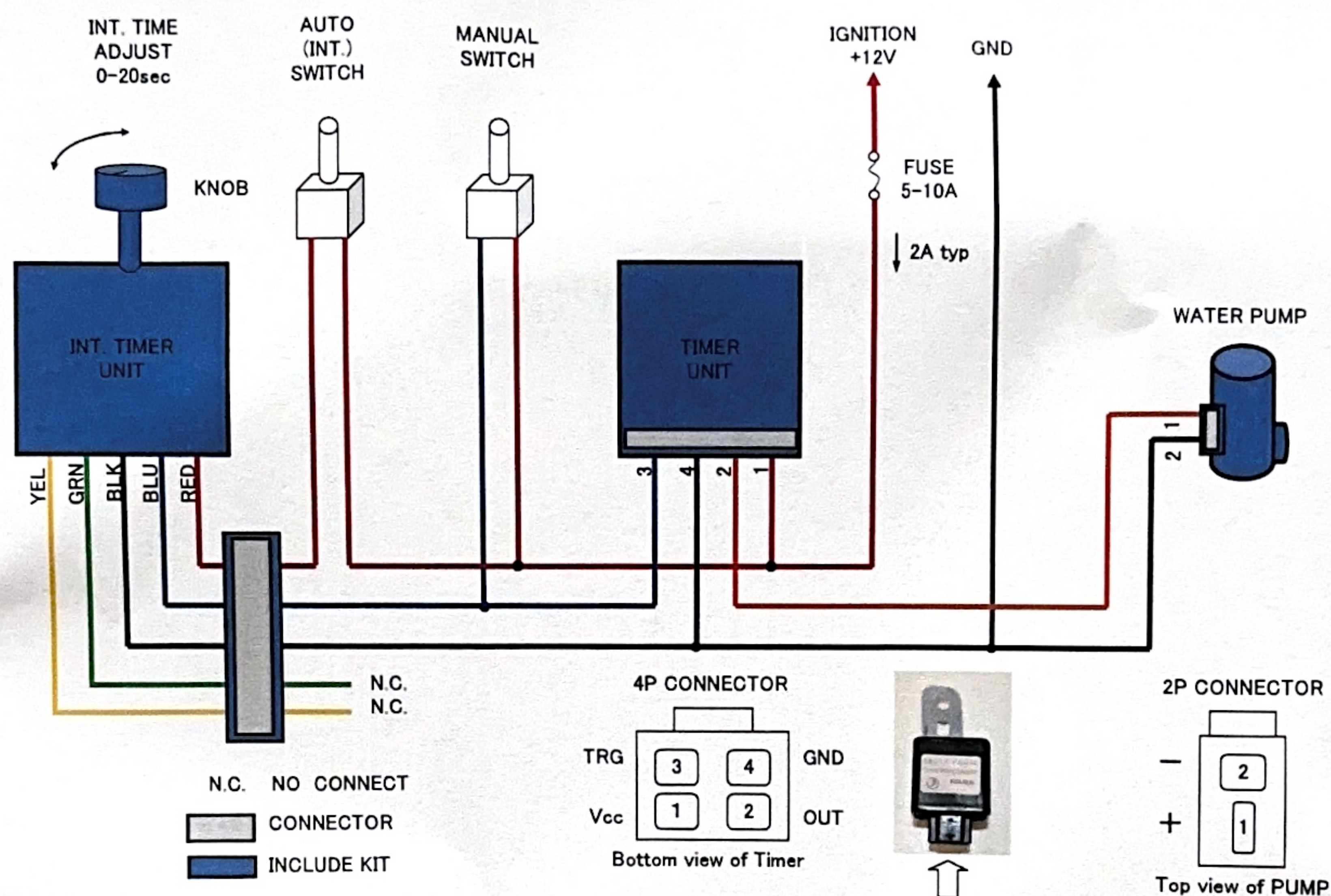


6. ELECTRICAL WIRING

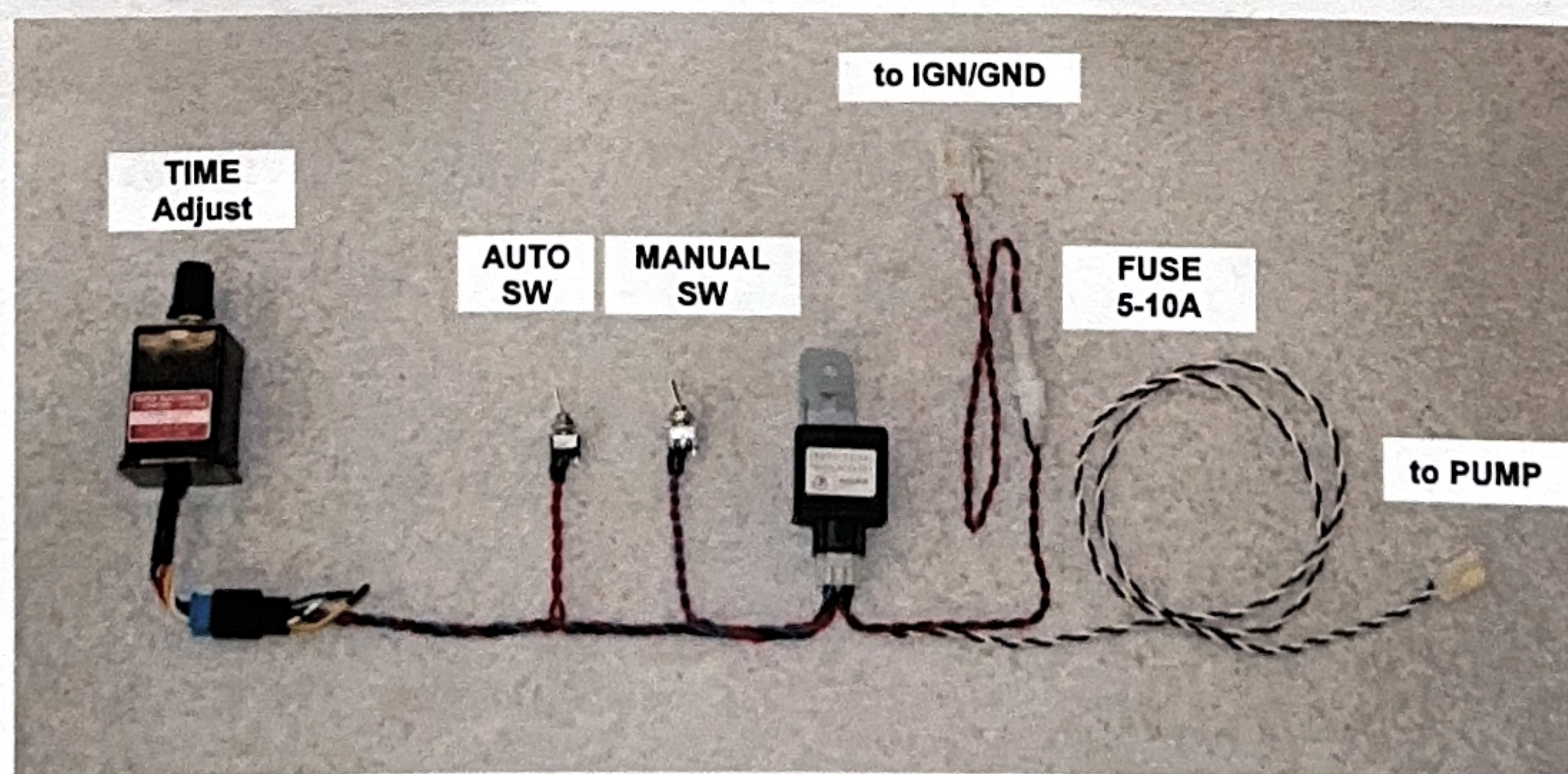
Wire as the drawing below indicates. You must not modify the circuit and control by ECU.

When AUTO SW is ON, the PUMP will repeat intermittent motion depends on the INT. ADJUST set time (PUMP operates for 2 seconds, stops for 0-20 seconds).

When MANUAL SW is ON, the PUMP will operate during SW is ON and the PUMP will stop 2 seconds after SW is OFF. Even AUTO SW is ON, operation of MANUAL SW will be given priority over.



SCHEMATIC DIAGRAM



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