MITSUBISHI MOTORS

SERVICE BULLETIN

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CORRECTION	ISSUE NO. : MSB-11E00-507	DATE : 2011-11-20
SUBJECT : CORRECTIONS TO SERVICE PROCEDURES		<MODEL> (EUR) i-MiEV (HA3W) <M/Y> 12
GROUP : GENERAL		

1. Description:

Errors were found in the applicable Workshop Manual. This Service Bulletin contains the corrected descriptions.

2. Applicable Manual:

Manual	Pub. No.	Info-ID	Attached Sheet
2012 i-MiEV Workshop Manual CD-ROM	CHAE11E1-CD (English) CHAF11E1-CD (French) CHAG11E1-CD (German) CHAS11E1-CD (Spanish) CHAI11E1-CD (Italian)	M001-01-940-02300-01 M001-01-990-02800-01	Attached sheet 2

There may be some attached sheets not included in this Service Bulletin because they are not applicable to your market. Their sheet numbers are not listed in the above table.

3. Corrected Specifications:

See Attached sheet 2.

Attached sheet 2 (1/6)

PRECAUTIONS BEFORE SERVICE

PROCEDURE FOR MAIN BATTERY ACCEPTANCE JUDGMENT

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INSPECTION PROCEDURE

If any abnormality is found after following inspections, replace the main battery.

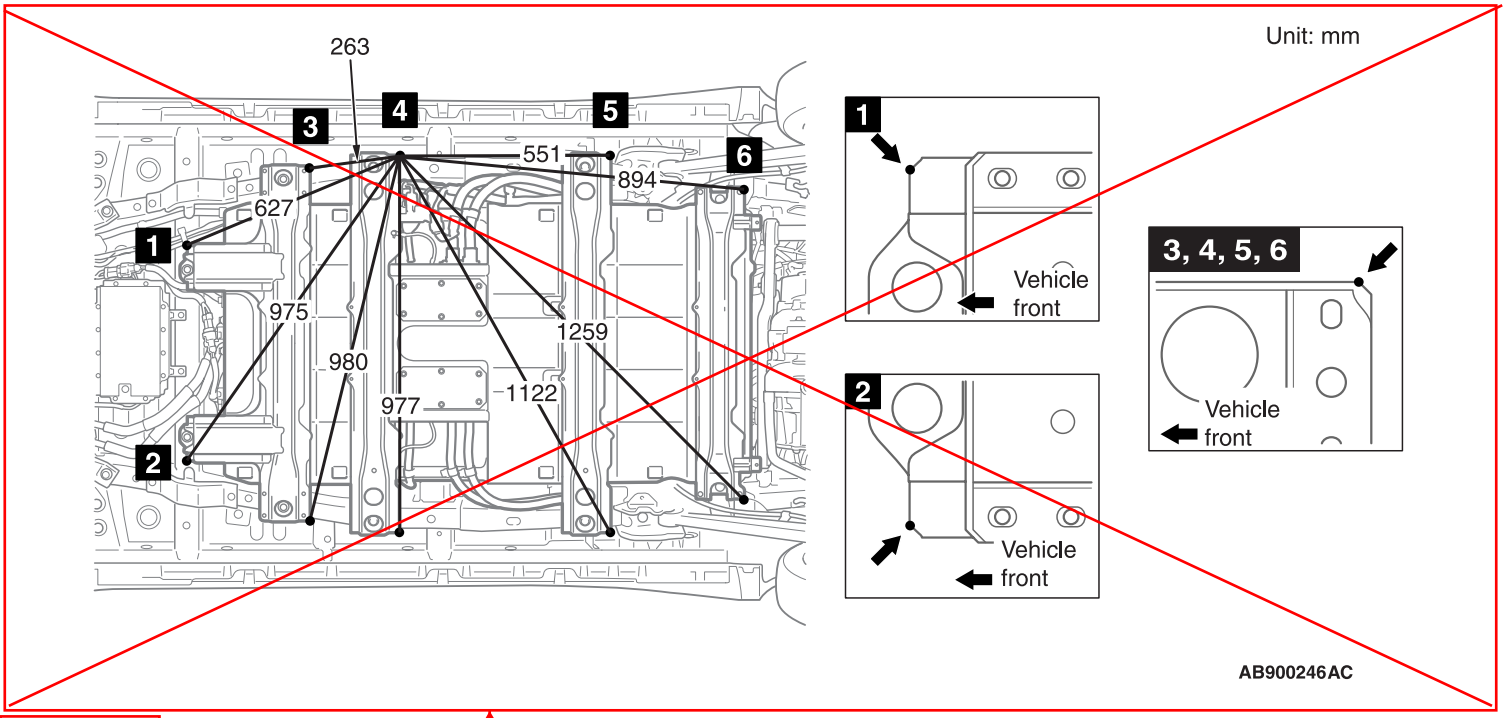
1. Check of whether or not diagnosis code is set
2. Check of battery tray cracking and double frame (crossmember and battery tray bracket) cracking/flaw
3. Relative deformation measurement of double frame (crossmember) and body joining
4. Relative deformation measurement of double frame (battery tray bracket) and battery tray

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RELATIVE DEFORMATION MEASUREMENT OF DOUBLE FRAME (CROSSMEMBER) AND MAIN BODY JOINING

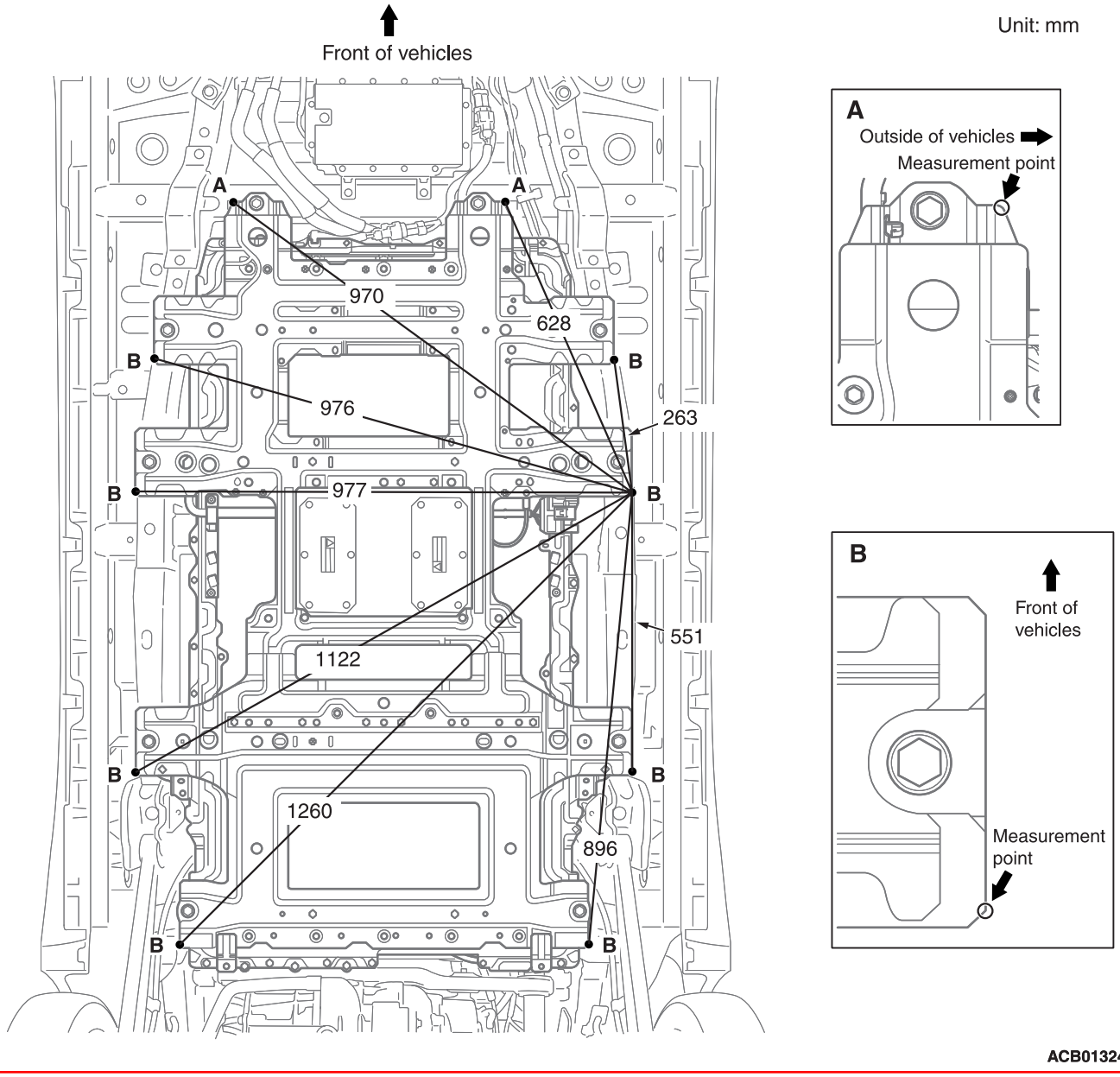
Perform the measurement with using the tracking gauge, convex, or others. The indicated numbers are provided for a reference.

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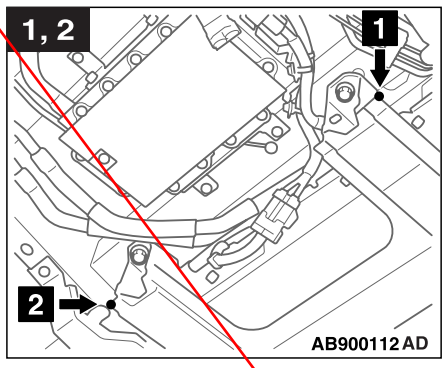


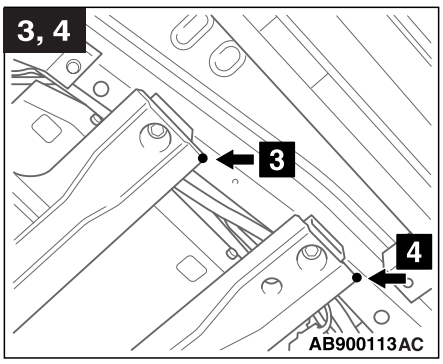
Number	Measurement reference point
1	Battery tray cross bracket front assembly leading end corner (LH)
2	Battery tray cross bracket front assembly leading end corner (RH)
3	Battery tray (A) crossmember assembly leading end corner
4	Battery tray (B) crossmember assembly leading end corner
5	Battery tray (C) crossmember assembly leading end corner
6	Battery tray (D) crossmember assembly leading end corner

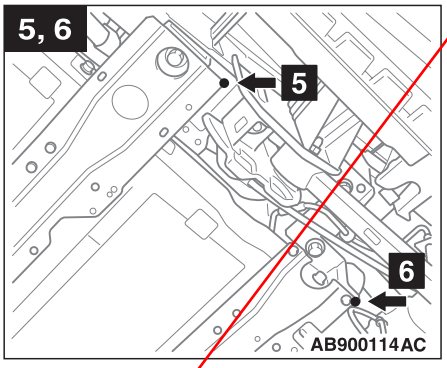
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Attached sheet 2 (3/6)



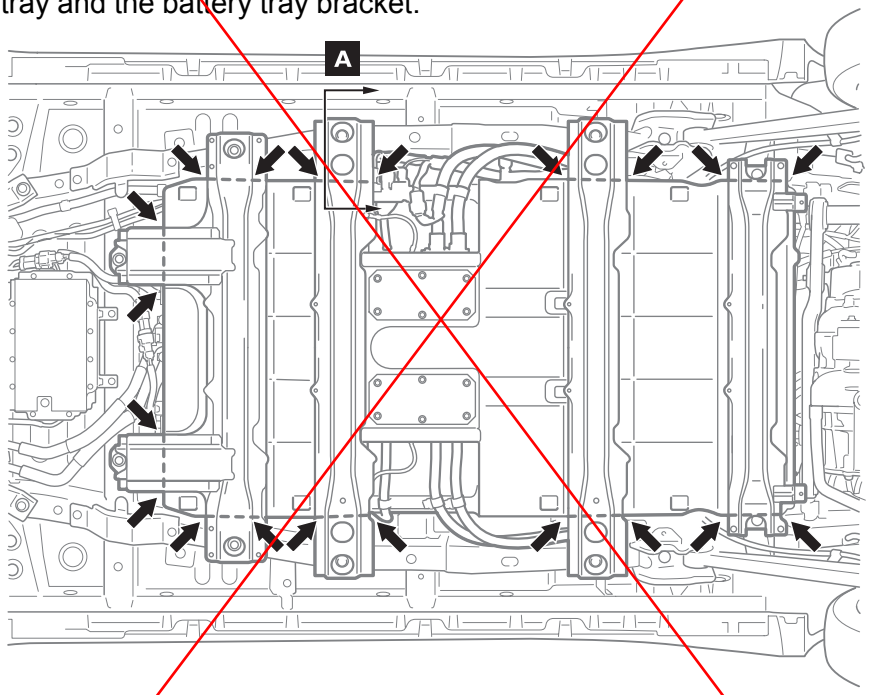


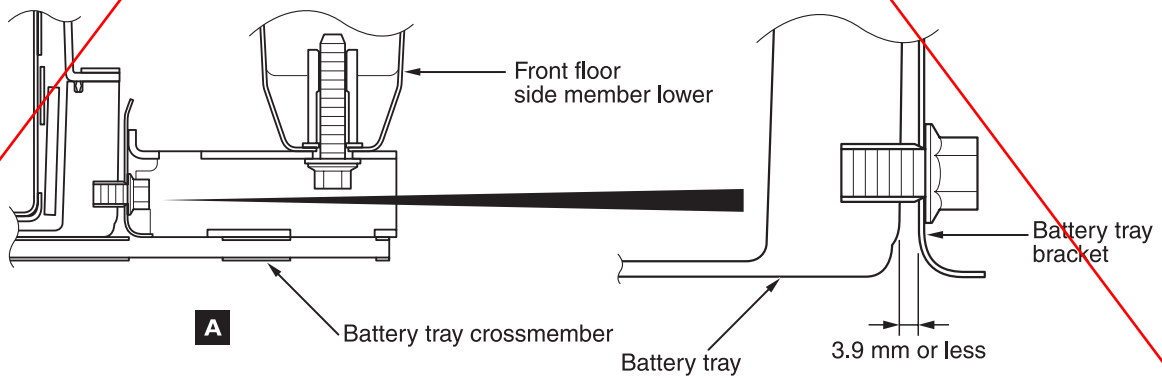


PROCEDURE FOR RELATIVE DEFORMATION MEASUREMENT OF DOUBLE FRAME (BATTERY TRAY BRACKET) AND BATTERY TRAY

Standard value: 3.9mm or less

Using the thickness gauge, measure the clearance between the battery tray and the battery tray bracket.





Remarks: ➡ Measurement point
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Attached sheet 2 (4/6)

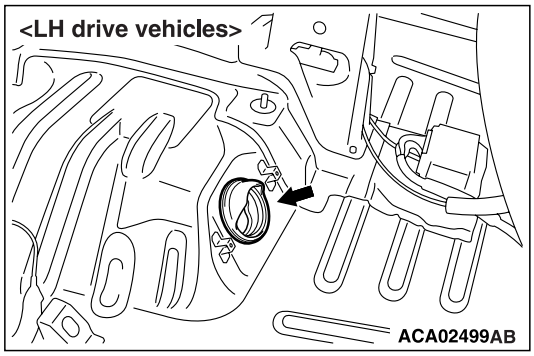
ACTIONS TO BE TAKEN AT MAIN BATTERY WATER INTRUSION

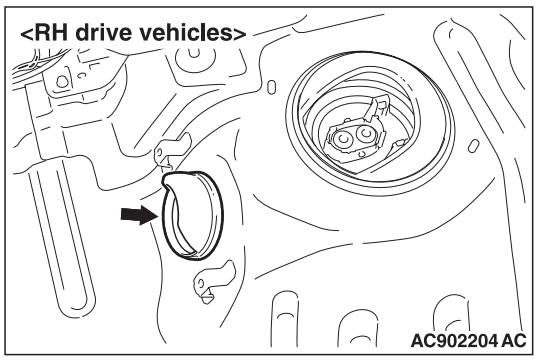
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If the main battery is immersed in water due to vehicle submersion, take actions according to the steps below.

⚠ DANGER

Never fill the seawater to avoid the danger of short. If seawater enters into the main battery pack, fill the fresh water in continuous jet to replace the water inside the battery pack.



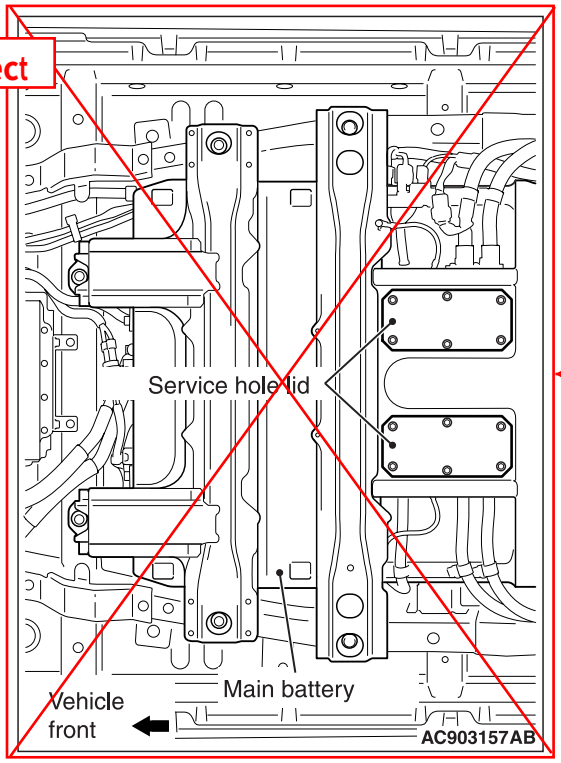


1. From the main battery cooling duct found under the front passenger's seat, fill the water (such as tap water, well water, and pond water containing no salt) into the main battery until water overflows.
2. After filling the water, soak for approximately 72 hours. During that time, hydrogen is electrolytically generated from water in the battery. Therefore, store the vehicle in outdoors where the ventilation is good.
3. Remove the front floor covers A and B. (Refer to GROUP 51 – Under Cover .)

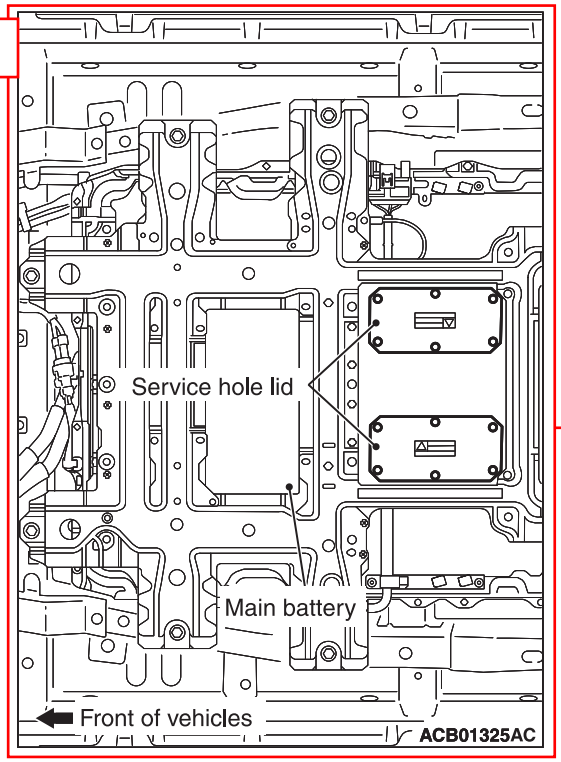
⚠ CAUTION

Because dissolved metal may be contained in the discharged water, appropriately process the water as industrial waste.

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4. Remove the work hole lid at the main battery underside to discharge the water.

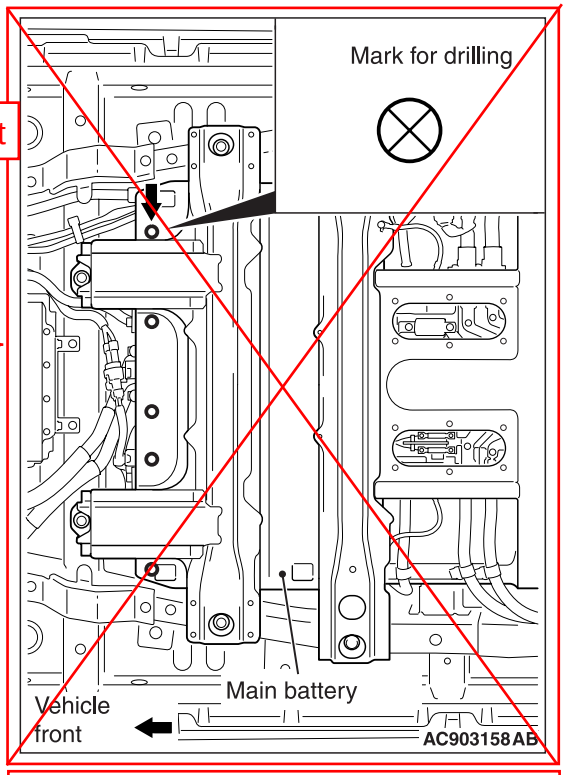
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Attached sheet 2 (5/6)

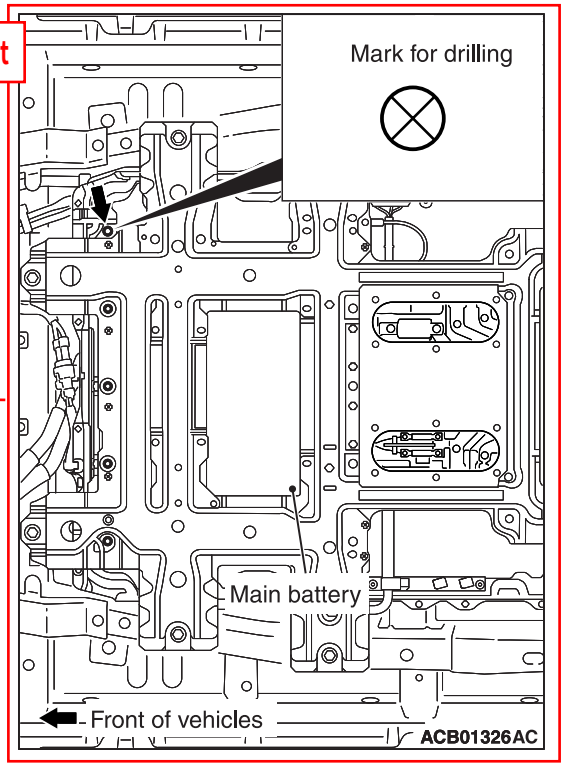
⚠ CAUTION

Because dissolved metal may be contained in the discharged water, appropriately process the water as industrial waste.

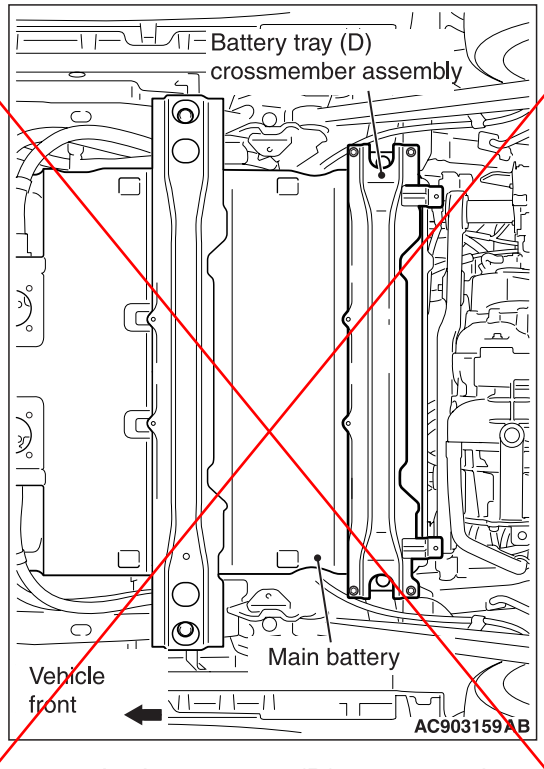
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5. To the markings located at the front end of main battery underside (five positions in the vehicle front), make holes using a drill of ϕ10 mm or less to discharge the water.



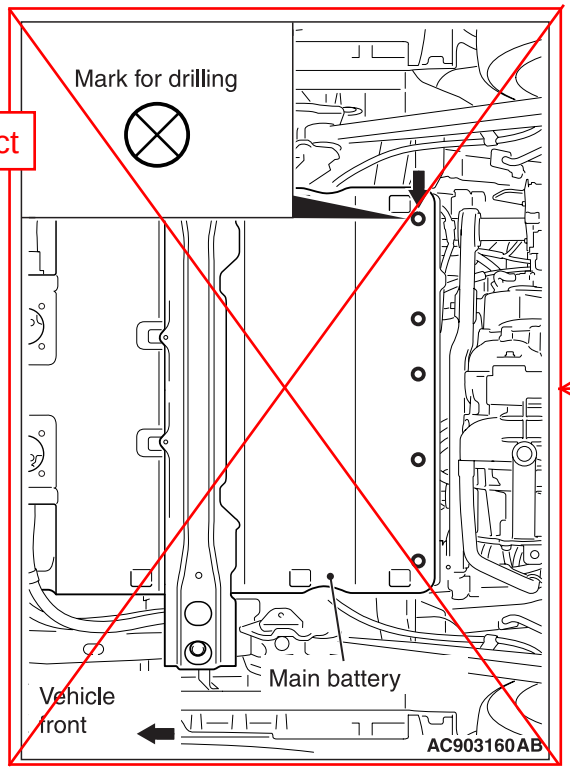
6. Remove the battery tray (D) crossmember assembly located at the rear end of main battery underside (M6 bolts × 4).

⚠ CAUTION
Because dissolved metal may be contained in the discharged water, appropriately process the water as industrial waste.

6. To the markings located at the rear end of main battery underside (five positions in the vehicle rear), make holes using a drill of ϕ10 mm or less to discharge the water.

7. Dispose of the main battery (using the same procedure as for the normal battery).

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