

<b>TSB #:</b>	TSB30032401	<b>Release Date:</b>	6/28/2024
<b>Main Group:</b>	00 - General Information (Recalls,Campaigns, Maintenance ..)		
<b>Subject:</b>	Cabin Electric Water Pump		
<b>Vehicle:</b>	FM29 OCEAN	<b>Production Range:</b>	MY 2023 and MY 2024 Fisker Ocean vehicles (11,308) are affected by this recall
<b>Model Year(s):</b>	2023 - 2024	<b>Region(s):</b>	USA/CANADA/EU
<b>Mobile Service:</b>	Choose an item.		

**Recall:** **SA3014300002**

Perform the procedure outlined in this Technical Service Bulletin on all affected vehicles before customer delivery.

In the event the customer already has possession of a vehicle affected by this action, please perform the procedure the next time the vehicle is scheduled for a Service.

**Affected Vehicles:** **All Fisker Ocean models produced in 2023 -2024 (totaling 11,308) will require this Cabin Electric Water Pump Replacement).**

Always confirm the VIN has an open campaign setup in the Work Order system.

- Model: Fisker Ocean
- Trims: All
- Model Year: 2023 - 2024
- Region: Global (USA, EU, Canada)
- Total Vehicles Impacted = 11,308

**Situation:**

Vehicle goes to limp mode due to Cabin Electric Water Pump

- Pressing hard on the accelerator will not translate to higher torque.
- On driver display, HV battery telltale is active with warning.
- Vehicle can be driven for few meters.

A voluntary safety recall to replace Johnson Electric cabin electric water pumps. Only vehicles manufactured before March 07, 2024, will need the electric water pump replacement.

**Correction:**

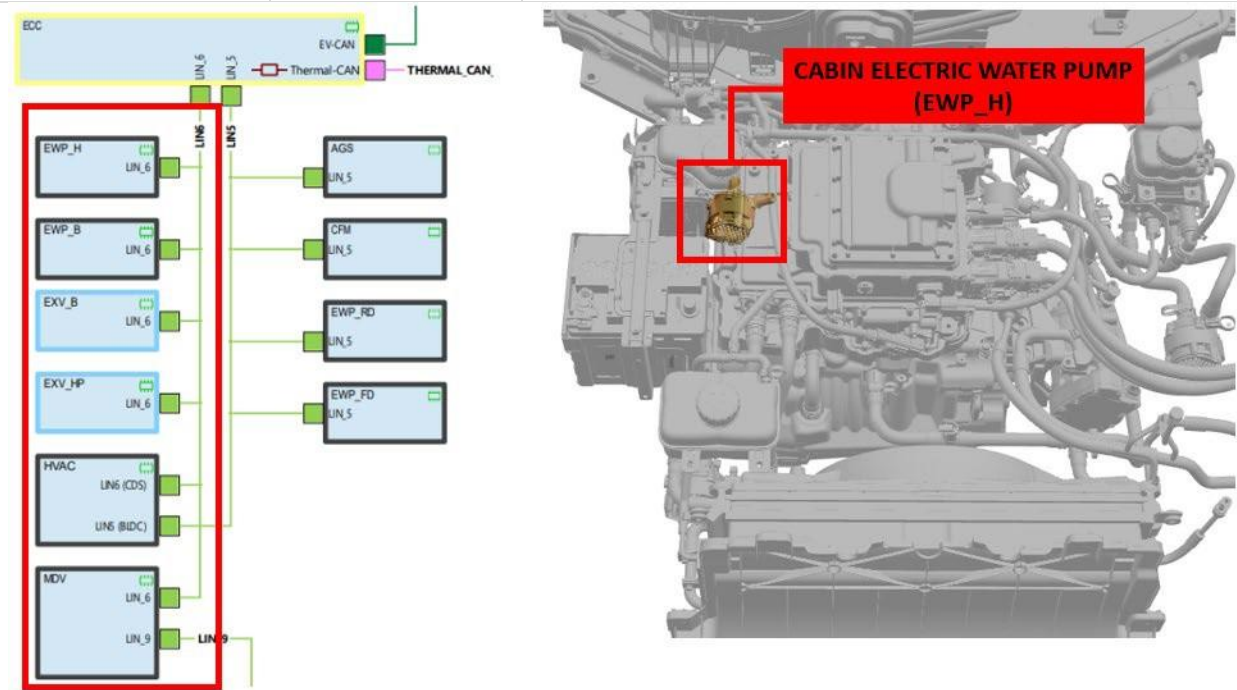
**All vehicles produced in 2023 and 2024 will have an Cabin Water Electric Pump update.**

Replacing the Cabin Electric Water Pump is the immediate containment action for this issue.

**Part Identification:** Replacement Water Pump is identified by a stamp date of **02/22/2024** or later “see pic below”.



<b>Part Identification:</b>	FM2930200022A	<b>LHD</b> Cabin Electric Water Pump (EWP_H)
	FM2930200103A	<b>RHD</b> Cabin Electric Water Pump (EWP_H)



# Fisker Ocean

## Cabin Electric Water Pump Replacement

### Tools Required:

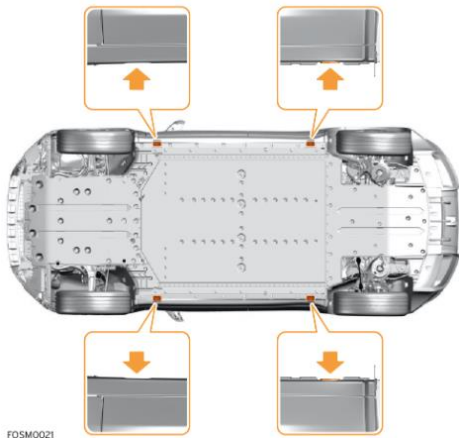
- Hose clamp remover
- Hose pinch off pliers
- Diagnostic Tool (FasTool)

### Parts:

- Water Pump
- Coolant

### Removal Instructions

1. Position the vehicle evenly between the uprights of the 2 post lift.



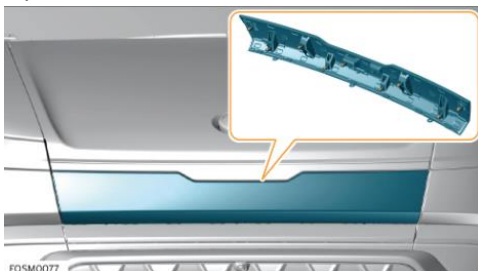
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#### CAUTION

The lifting arms must be positioned to lift the vehicle using the vehicle frame only. These are the only approved lifting points for lifting the vehicle.

Do not use any of the suspension arms/links to raise the vehicle. Never work on an incorrectly supported vehicle. Always check the stability of the vehicle on the lift equipment.

2. Open Hood



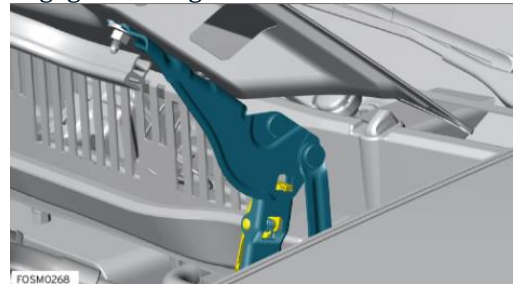
Using fish bone tool, release clips (x9) securing service lid to front bumper assembly.

3. Remove service lid & Remove M8x25 bolts (x2) securing hood to front bumper assembly. Torque 19 Nm.



FOSM0078

4. Open the hood until locking pin on LH hinge engages on hinge arm.



FOSM0268

5. Remove surge tank cap.



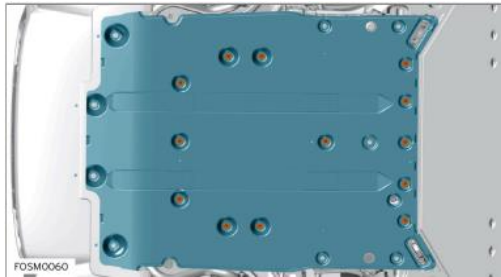
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6. Raise the vehicle until the wheels are just clear of the ground and then check the position of the lift arms and the stability of the vehicle on the lift. If necessary, lower lift and reposition the lift arms.

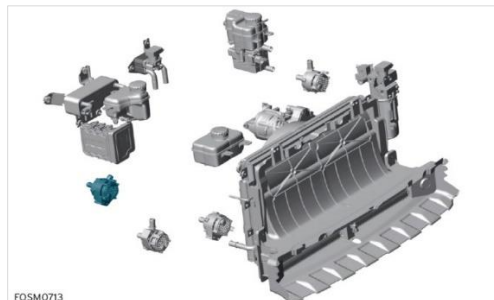
7. Remove M4x15 screws (x4) securing front underbody cover to front bumper assembly. Torque 2 Nm.



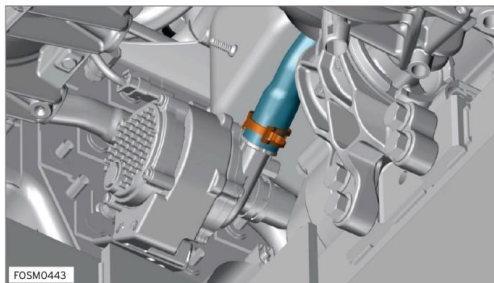
8. Remove push pins (x13) securing front underbody cover to front subframe and remove front underbody cover.



9. Remove front underbody cover.



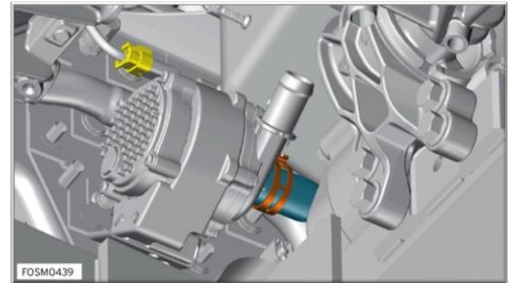
10. Locate water pump.



## WARNING

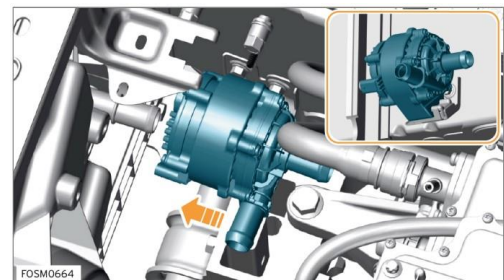
**Allow cooling system to cool completely before proceeding.**

11. Release clamps and secure coolant by using pinching pliers on the water pump hoses.



**NOTE: Be prepared to catch any excess fluid.**

12. Disconnect harness connector from water pump.



13. Slide water pump left and remove from bracket

## Installation

Installation is reverse of removal procedure including coolant level check & top up

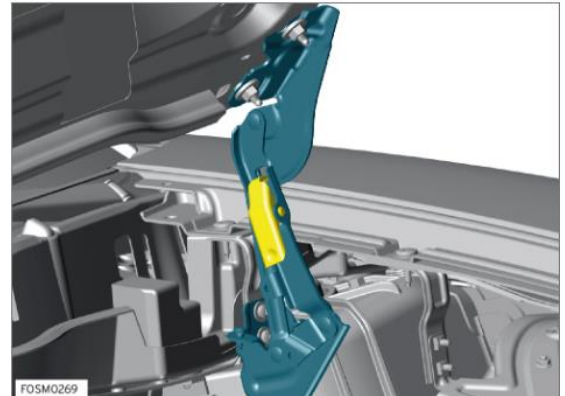


## Coolant Level Check



14. After replacing the water pump and reconnecting coolant hoses, visually check coolant level in surge tank. The Coolant level should be between MIN and MAX marks.
15. Fill surge tank to MAX level indicator with recommended coolant.
16. Operate water pump using Fisker Aftersales Service Tool (FAST). Allow pump to run for 5 minutes, this will circulate coolant throughout system to bleed out any air.
17. If required, top up surge tank to the MAX level.
18. Reinstall surge tank cap and wipe clean any spillages.

19. **Close Hood.** Close is the reverse of the open procedure except for the following by press catch to release locking pin from LH hinge arm.



### WARNING

Failure to release locking pin before closing may cause damage to hood.

**Before tightening the bolts securing the hood to the front bumper assembly, check and adjust the alignment/gaps to other panels and components.**



<b>Parts Info:</b>		
<b>Part Number</b>	<b>Description</b>	<b>Quantity</b>
FM2930200022A	Cabin Electric Water Pump (EWP_H) Left Hand Drive	1
FM2930200103A	Cabin Electric Water Pump (EWP_H) Right Hand Drive	1
Coolant	Dex-Cool or any OAT-based coolants	-
<b>Warranty Info:</b>		
The information provided below must be used when completing the Work Order Line item associated with this complaint and repair, covered under the terms of the Fisker Vehicle Limited Warranty.		
<b>Campaign /Service Action Number</b>	<b>SA3014300002</b>	
<b>Labor Operation</b>	<b>Labor Time</b>	<b>Description</b>
30143007	0.7 hrs. or 7 FRU	Water Pump Replacement - Technical Bulletin