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## KA-01940 P1 GEN 2 Battery Pre-installation Checks

### Document Information

**Location:** Powertrain / Electrical

**Topic:** Overview of inspection and checks required ahead of battery installation

**Condition:** N/A

**Diagnostic Trouble Codes:** N/A

### Measure

Ahead of a commencing installation of a GEN 2 battery it is imperative that the following checks are first completed on the new part.

ITEM	AREA	ACTION	OK
1	Transport damage	Inspect the delivery crate for any impact damage and check shock indicators are not triggered	YES/NO
2	Paperwork	Ensure the battery and concession labels are present and visible	YES/NO
3	Bulkhead and module underside	Inspect thoroughly for oil or coolant droplets or sweating. Utilise torch and remove battery tray if required	YES/NO
4	All visible hose and pipe interfaces	Inspect thoroughly for oil or coolant droplets or sweating	YES/NO
5	Visible hoses	Ensure all hose part markings are correct	YES/NO
6	Breather Valve	Thoroughly inspect breather valve for any oil residue	YES/NO
7	All other areas	Inspect thoroughly for oil or coolant droplets or sweating	YES/NO

Should any of the checks return a NOK result, a Technical Request must be submitted for further guidance, including details of any concerns identified.

The following photos provide examples of the locations and markings to be inspected.

#### Item 3 - Bulkhead and Module Underside



Front bulkhead

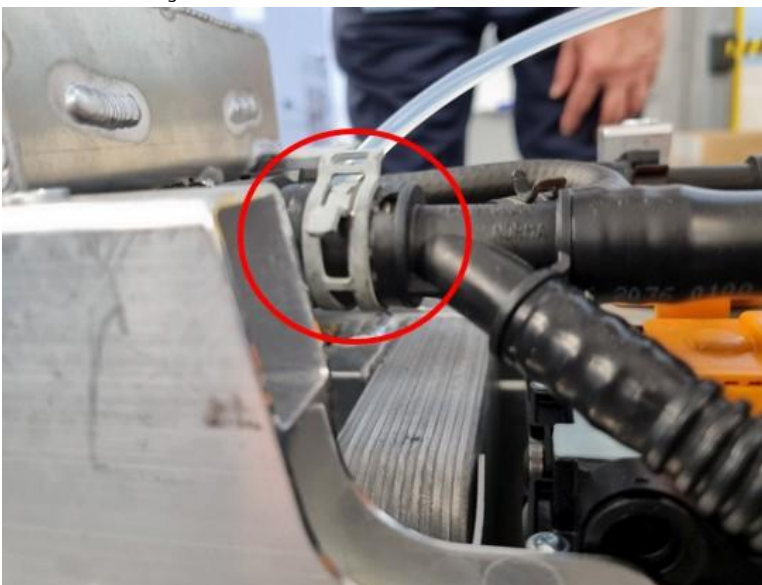


Rear bulkhead

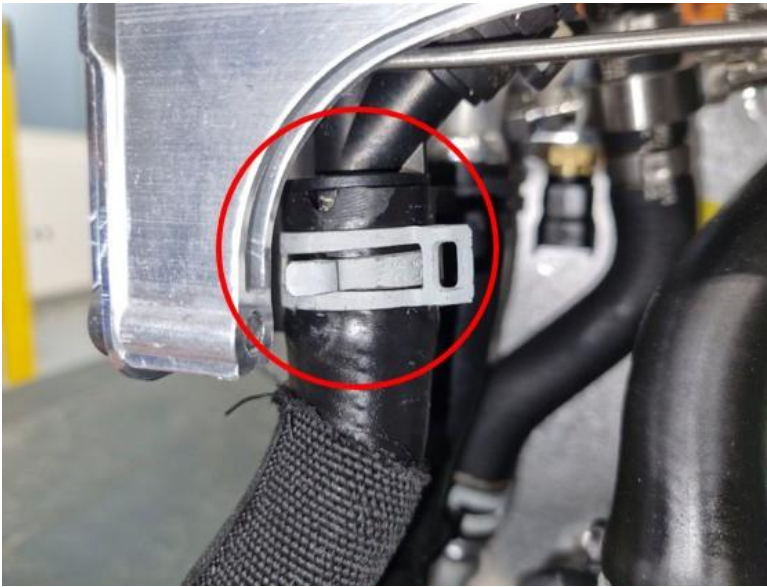
**Item 4 - All Visible Hoses and Pipe Interfaces**



Hose to heat exchanger interface



Hose to module inlet interface



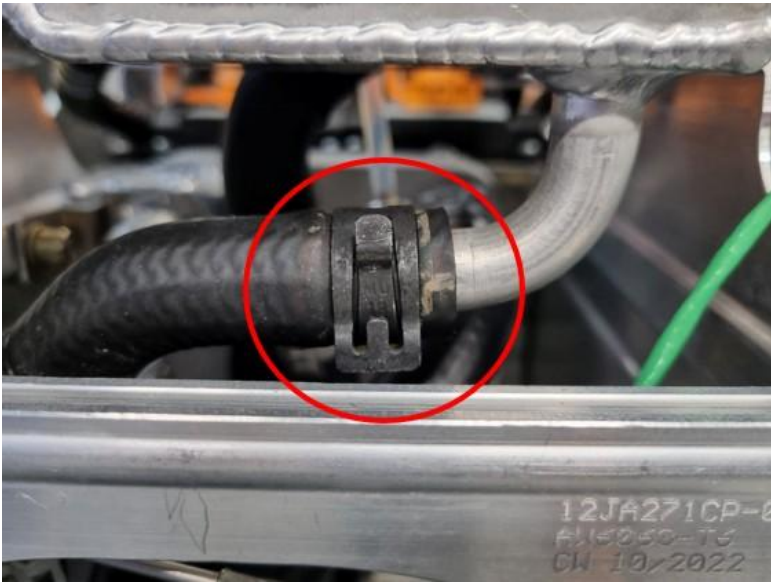
Hose to module outlet interface



Hose to pump outlet interface



Hose to pump inlet interface



Expansion tank interface

**Item 5 - Visible Hoses**



Pump inlet hose marking



Pump inlet hose marking

**Item 6 - Breather Valve**



Breather valve

**Item 7 - All other areas**



Cooling manifold and module plug



Cooling manifold and module plug

## Parts Information

N/A

## Attachments

N/A

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