



**Date:** 20.11.2025      **Affected Models:** Emira      **Affected Regions:** All regions      **Affected Volume:** N/A      **Number:** 131-25021

Copy files should be maintained by:

Service Manager		Service Reception		Supervisor		Parts Manager	
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**TITLE**

Brake pad to rotor stiction damage caused by incorrect vehicle storage maintenance.

**REASON**

Prolonged contact between brake pads and rotors (discs) can result in them sticking to each other (also referred to as brake stiction). This could result in the brake pad material pulling away from its backing plate when the vehicle is eventually moved.



Brake stiction occurs when the vehicle remains stationary for extended time periods and can also be exacerbated by:

- Long term storage in a moist environment.
- The presence of chemical contaminants (such as those found in some cleaning products).
- Salt contaminated moisture in coastal regions.

**Background**

Brake stiction is a known issue for sports cars such as the Emira. This is caused by several factors such as the specific chemical composition of the brake pad/rotor material as well as the brake pad, caliper and rotor geometry set up required to achieve the desired braking performance characteristics expected from a sports car.

The Lotus Emira was designed and developed as a high-performance sports car and the engineering selection of a mixed metal pad material, the dimensions, and other specifications were tested and approved by the attributes team as well as tested to meet the stringent vehicle homologation targets across the regions, and durability requirements.

**ACTION**

Due to a small number of complaints where brake pad separation has occurred caused by stiction on very low mileage cars, Lotus wishes to confirm to their importers and retail partners the importance of following the vehicle stock maintenance guidelines. Also refer to the ‘Dynamic’ section in long term storage check list attached to the end of this bulletin.

As well as to stress that after any cleaning the vehicle it should be driven to dry the brakes, and vehicles should not be exposed to prolonged high humidity or stored in wet areas. To ensure ongoing enjoyment of the product, a specific recommendation was included in the customer handbook under the vehicle maintenance and care section:

**“NOTE: To prevent binding between the brake pads and discs as well as avoiding any potential corrosion, it is recommended to drive the vehicle for a short distance immediately after washing”.**

**CHARGES**

No charges are associated with the contents of this bulletin.

Ends.

**Lotus Technology Innovative Limited**

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## LONG TERM VEHICLE STORAGE MAINTENANCE CHECK LIST

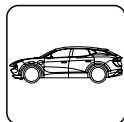
- The purpose of using this check list is to ensure that any Lotus vehicle is adequately maintained if kept in long term storage. Perform all the checks listed at the time intervals shown, save the updated list and store in the glove box each time the vehicle is inspected.
- Certain current and future warranty claims may be denied if evidence of adequate maintenance during long term storage CANNOT be confirmed.
- Tick (✓) and write your initials in the check box at each applicable time interval and item checked. For noting voltages, write the value in any applicable check boxes.

### Vehicle Information

Vehicle Series:	Vehicle Model:
V.I.N.:	Mileage:
Dealer Name/Number:	

Time interval	Gate in	30 days	60 days	90 days	120 days	150 days	180 days
Date	Date	Date	Date	Date	Date	Date	Date

### Exterior Check:



Paint condition*	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial
Vehicle for damage**	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial
Front trunk storage area for water/mold contamination †	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial

\* If fitted, lift (but do not remove) body cover to inspect.

\*\* Items such as wheels, tow hook, windshield/wipers and lamps etc, are not damaged or scratched.

† Electric vehicles only.

### Interior Check condition of:

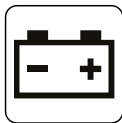


Door sills	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial
Interior protective covers	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial
Seats and seat covers	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial
Interior trim panels for damage/cleanliness*	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial
Check all accessories/handbooks are in vehicle	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial
All windows are closed	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial

\*Including checking steering wheel, instrument panel, glove box and screens are not damaged, clean and there is no dirt in the vehicle.

Continued..

**Batteries**



**Electric vehicles check:**

High voltage battery SOC	✓	✓	✓	✓	✓	✓	✓
If SOC is below 30%, charge to 50% - 70%	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial
12V battery voltage	✓	✓	✓	✓	✓	✓	✓
Charge if voltage is below 12.8V*	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial

**Petrol vehicles check:**

Battery voltage	✓	✓	✓	✓	✓	✓	✓
Charge if voltage is below 12.5V*	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial

**\*Note:** Battery voltage results must be recorded on LDS for future reference. Ensure to use correct 12V battery charger for battery type (such as AGM or Lithium).

**Dynamic**



**Move vehicle 500 metres and:**

Press brake pedal slightly to remove rust	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial
Check air conditioning performance*	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial
Check selecton of forward/ reverse gears	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial
With the vehicle parked, check tyre pressures*	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial

\*For petrol vehicles, have the engine running for 5 minutes, also refer to Technical Service Bulletin TSB 2020/03 before starting the engine.

\*\* Check with external gauge or TPMS option and increase pressures to 3-3.5 bar for long term storage.

**Note:** When parking vehicle, ensure the contact area of the tyres are now in a different position compared to when originally parked.

**OTA (Over-The-Air) updates (electric vehicles only)**



Perform LDS vehicle software inspection	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial
Check and update the vehicle to the latest available Hyper OS version	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial	(✓) Initial

**Note:** Ensure high voltage battery SOC is at least 20% before performing any updates.