



CARS

RECEIVED
By Recall Management Division at 7:35 am, Mar 13, 2012

11V-510
(5 pages)

Our Ref: TA/USREP/573

Your Ref: 11V-510

Date: 16th Feb 2012

Chief
Recall Management Division
Office of Defects Investigation
National Highway Traffic Safety Administration
1200 New Jersey Avenue S.E.
Washington
D.C. 20590

Subject: Part 573 Recall Notice #11V-510 – Lotus Cars Limited Follow-Up Report

This information is submitted in accordance with the requirements of Title 49 Part 573 of the Code of Federal Regulations. Lotus Cars Limited would like to advise the Administrator of further information that has become available relating to Recall Notice #11V-510, including a revision to the number of affected vehicles and the list of VINs. Six cars have been removed from the list as it has been identified that they are either non-road vehicles or are registered in a foreign country.

If you have any questions relating to this submission, please contact the undersigned.

Yours sincerely

Ian Cawdron
Principal Legislation Engineer
Type Approval Department
Lotus Cars Ltd
Tel: +44(0)1953 608297
Fax: +44(0)1953 608168

Annexes:

- A. Defect Information Report
- B. Affected VINs
- C. Chronology of Events



Defect Information Report

573.6(c)(1) **Manufacturers Name**

Full Corporate Name: Lotus Cars Limited

Designated Agent: Mr Arnold Johnson
Lotus Cars USA Inc

Official Contact: Mr Ian Cawdron
Principal Legislation Engineer
Email: icawdron@lotuscars.com
Tel: +44 (0)1953 608297

Customer Enquiries: Mr Ron Mann
Customer Services & Warranty Manager
Email: rmann@lotuscars.com
Tel: (770) 476 6564

573.6(c)(2)(i) **Identification of Vehicles**

Make: Lotus
Line: Elise/Exige
Model Year: 2005 - 2007
Month/Year of
Manufacture: 1 June 2004 to 30 November 2006
Affected VIN: See Annexe B

573.6(c)(3) **Number of Vehicles Potentially Containing the Defect**

5041 vehicles in the United States are affected by this recall:

2005MY Elise	3251
2006MY Elise	1085
2006MY Exige	339
2007MY Elise	172
2007MY Exige	194

573.6(c)(4) **Percentage of Vehicles Actually Containing the Defect**

The percentage of vehicles in the United States that are subject to this Defect is 75%.



CARS

573.6(c)(6) **Chronology of Principal Events**

See Annexe C

573.6(c)(8)(i) **Proposed Remedial Program**

Subject to parts availability, notification dates are as follows:

Dealer notification: Information to be submitted as soon as possible.

Owner notification: Information to be submitted as soon as possible.

573.6(c)(10) **Representative Copy of all Notices, Bulletins etc**

Information to be submitted as it becomes available.

573.6(c)(11) **Manufacturers Campaign Number**

2012/01R.



CARS

Annexe B to
TA/USREP/573
Dated 16th Feb 2012

Affected VINs (redacted)

SCCPC11105HL	SCCVC11126HL
SCCPC11185HL	SCCVC11166HL
SCCPC11115HL	SCCPC11107HL
SCCPC11116HL	SCCPC11117HL
SCCPC11125HL	SCCPC11127HL
SCCPC111X5HL	SCCPC11137HL
SCCPC11135HL	SCCPC11147HL
SCCPC11136HL	SCCPC11157HL
SCCPC11145HL	SCCPC11167HL
SCCPC11155HL	SCCPC11177HL
SCCPC11165HL	SCCPC11187HL
SCCPC11175HL	SCCPC11197HL
SCCPC11195HL	SCCPC111X7HL
SCCPC111X5HA	SCCVC11107HL
SCCPC11106HL	SCCVC11117HL
SCCPC11126HL	SCCVC11127HL
SCCPC11146HL	SCCVC11137HL
SCCPC11156HA	SCCVC11147HL
SCCPC11156HL	SCCVC11157HL
SCCPC11166HL	SCCVC11167HL
SCCPC11176HA	SCCVC11177HL
SCCPC11176HL	SCCVC11187HL
SCCPC11186HL	SCCVC11197HA
SCCPC11196HL	SCCVC11197HL
SCCPC111X6HL	SCCVC111X7HL
SCCPC11126HA	
SCCPC11136HA	
SCCPC11146HA	



Chronology of Events

Date	Detail
05-Oct-04	1 US warranty claim
26-Aug-04	Supplier changed from Gates to Codan
2005	25 US warranty claims
2006	25 US warranty claims
29-Jun-06	Supplier Corrective Action Request: Oil cooler hose was found to be leaking on customer car SCCPA11106HN81386. Further investigation found the hose had pulled out of union and was not crimped. Root Cause: Assembly of hose, endfitting and ferrule incorrect – not fully pushed home which allowed the interlock of ferrule and fitting to be misaligned
01-Nov-06	SQA Visit Report: Crimping process now improved to 'mistake proof' clip positioning. Modify existing Pressure Decay Facility to enable leak testing of brazed coupling. Codan has stated that their crimping process has improved on site. A120K0027 & B120K0028 Sample Approval - PPAP for modified Hose - Oil Cooler will be completed by week 42. Note! Supplier Request for Concession will be required with the Sample Submission to accept parts without Pressure Test pending completion of above actions
2007	23 US warranty claims
30-Aug-07	Canada warranty claim - SCCPC111X6HM32302
2008	26 US warranty claims
07-Jan-08	Lotus BH dealer QFR report: Oil cooler hose end fitting failure
28-Jan-08	Codan initial findings report: Pull-off checks carried out. Further investigation to be carried out when parts returned
20-Feb-08	Lotus SQA visit report: Statement Codan crimping process robust. Brazing needs to be leak tested via air decay. Codan to advise air decay process & pressure test specifications. Failed crimp from BH Lotus needs to be returned for further investigation
20-Sep-08	Canada warranty claim - SCCPC11146HM32960
2009	6 US warranty claims
02-Feb-10	1 US warranty claim
24-Jun-10	Supplier changed from Codan to Walker Rubber
2011	2 US warranty claims
15-Feb-11	Supplier changed from Walker Rubber to Integraflex
12-May-11	Eng Concern # 120CON2186 raised: Oil Hose Failure - USA - 2007 Lotus Elise with 28000 miles. Oil line that is crimped on at the oil filter came loose at crimp.
18-Jul-11	NHTSA opened preliminary evaluation (PE11-022)
29-Sep-11	Meeting convened to discuss continuing failures and potential safety implications. It was decided that although the risk of an accident resulting from this issue is small it is considered that there are safety implications and in order to assure the highest level of safety it is agreed that a safety recall be implemented.
05-Oct-11	NHTSA notified of safety-related defect
14-Oct-11	Formal notice issued to NHTSA
03-Nov-11	NHTSA closed preliminary evaluation (PE11-022)
04-Nov-11	Transport Canada notified of safety-related defect