



Date: 21.11.2014

Model: '11MY Elise Onwards, Evora & Exige S
from Start of Production

Number: 2014/10

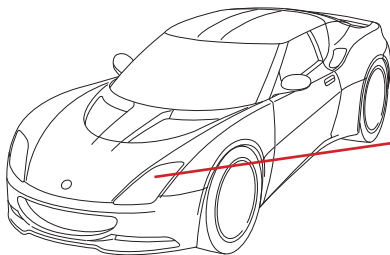
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Service Manager	Service Reception	Lotus Technicians	Parts Manager	
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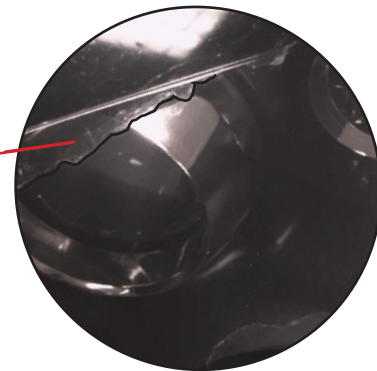
TITLE:

Authorised procedure to repair headlamp coatings affected by delamination or yellowing.

REASON:



Visual appearance of delamination of the headlamp lens coating



Complete headlamp assemblies are currently being replaced under warranty due to the delamination of the lens coating caused by ultra violet light damage or weathering.

After completion of validation testing, Lotus Cars can now endorse an aftermarket repair kit from HBC systems comprising a clear coat, activator and catalyst solution which is applied over the headlamp lens using a suitable body shop automotive spray gun, restoring the lens to its original appearance.

The kit part number for the HBC systems smart repair program is:

Part number	Description
00.609	Polycarbonate headlight clearcoat system

Note: 1 kit will be sufficient to repair 10 headlamps/5 cars.

The HBC headlamp repair system kit (shown right) is not available to order from the Lotus Cars Aftersales department but can be purchased directly from selected automotive refinishing suppliers. A list of suppliers by market and promotional point of sale literature is shown from page 3 onwards on this bulletin.



Due to the chemicals involved and the equipment needed for their application, this procedure should only be performed by a suitably equipped bodyshop.

An instructional guide, LSL635 is available to download from the Lotus Dealer Portal (in the Aftersales> Miscellaneous Technical Information>Instructional Guides section) which may be given to your nominated bodyshop so that they may provide you with an estimate to carry out the repair.

A short demonstration video produced by HBC showing the headlamp lens sanding procedure is available to view at: https://www.youtube.com/watch?v=PF_aCZ9GWmY

Continued....

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The HBC headlamp repair kit should be available in all markets, therefore warranty authorisation requests for replacement of a headlamp assembly due to delamination or yellowing will no longer be accepted.

Instead a prior authorisation request (with an accompanying photograph) for headlamp lens refurbishment should be sent to the Warranty department as per the current procedure listed in the Warranty Policy and Procedures Manual.

ACTION:

If authority has been given to repair an Evora, Exige S or '11MY Elise onwards with delaminating or yellowing headlamp lenses then please ensure to schedule the vehicle into your workshop at a mutually convenient time for both the vehicle owner and bodyshop as the time taken to carry out the repair, i.e., workshop removal of the headlamps, bodyshop refurbishment (up to maximum of 3 hours) and headlamp refitment will obviously take longer than just headlamp replacement.

CHARGES:

A claim should be submitted as per the pre-approved prior authorisation request for refurbishment of both headlamps using the relevant labour operation codes, Body Shop sublet invoice and Parts sublet information as shown below;

1. Workshop Labour (Evora & Exige S)

Operation code	Description	Labour Time	Qty
17.13.01-01	Headlamp assembly, LH R&R	0.7 hrs	1
17.13.02-01	Headlamp assembly, RH R&R	0.7 hrs	1

Workshop Labour (Elise '11MY onwards)

Operation code	Description	Labour Time	Qty
17.13.11-01	Headlamp assembly, LH R&R	0.7 hrs	1
17.13.12-01	Headlamp assembly, RH R&R	0.7 hrs	1

2. Body Shop

Pre-agreed sublet value (up to a maximum of £150.00) for headlamp sanding preparation and application of HBC headlamp clearcoat system.

3. Parts

Sublet value for 1 x HBC headlight clearcoat system - Part number 00.609 with accompanying invoice (Average recommended retail cost £167.00)*

4. Claim Text

Perform headlamp refurbishment as per Technical Service Bulletin TSB 2014/10

*Note: the contents of one HBC headlight clearcoat system kit is sufficient to repair up to 5 vehicle sets of headlamp lenses, therefore the total cost of one kit will be accepted for the first headlamp lens refurbishment claim approved under warranty.

If performing this repair on any additional vehicles as approved under warranty then the sublet cost of a kit will **NOT** be accepted on the next four consecutive claims.

The only exception to this that may be considered is if 6 months has elapsed from the date of purchase of the HBC headlamp clearcoat system previously claimed for as the chemicals have a maximum 6 month shelf life once opened.

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HBC Point of Sale information leaflet



Revolutionary Headlight Repair System

Many vehicles on the road today have yellowed and cloudy headlights due to UV light damage as well as wear and tear from weather and road debris.

The results is not only poor vehicle appearance and reduced reselling value but it also compromises safety.

Part no. 00.609 Polycarbonate headlight clearcoat system



The headlight repair system from HBC Smart Repairs offer a fast and easy way to restore the clarity to headlight lenses that have become dull over time, at a fraction of the cost of replacement.

Consisting of a special three-component finish with excellent characteristics of resistance and adherence to polycarbonate-base plastic materials. The raw materials used do not prejudice the polycarbonate's mechanical resistance (cracking), but protect it from the otherwise inevitable yellowing.

Combined with the innovative sanding system, the special three-component formula enables plastics that have been deeply scoured or scratched to be restored to former, as long as they are not actually broken.



The headlight repair system from HBC Smart Repairs offer a fast and easy way to restore the clarity to headlight lenses that have become dull over time, at a fraction of the cost of replacement.



Step by step repair

1. Applying
2. Cleaning
3. Sanding in 3 steps:
remove the complete UV protection
4. Cleaning
5. Mix clear coat
6. Apply 2 layers Clear coat
7. Curing 15 min by IR drylamp
8. If needed remove dust or imperfections and polish

System content

Part no. 00.609-1 250 ml clearcoat	Abrasives: F400 (2 discs ø75mm)
Part no. 00.609-2 125 ml activator	P600 (4 blue sheets 130x85 mm)
Part no. 00.609-3 125 ml catalyst	P800 (4 Lemon sheets 130x85 mm)
	P1500 (4 orange sheets 130x85 mm)
	Polishing cloth

the perfect start
to an excellent finish



HBC System guarantees that headlights restored with our Headlight Repair System maintain clarity for atleast five years*

* Provided all instructions have been followed



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