

# Headlight Lens Discoloration

**Service Category** Vehicle Exterior

**Section** Lighting (ext)

**Market** USA

Toyota Supports  
 ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2006 – 2007	Highlander HV	
2004 – 2007	Highlander	

## Introduction

Some 2004 – 2007 model year Highlander or 2006 – 2007 model year Highlander HV vehicles may exhibit a condition where the headlight lens cover and/or headlight bulb is discolored. Updated headlight assemblies have been developed to address this condition. The updated headlight assemblies have cosmetic changes, so it is recommended to replace both the left and right assemblies together.

## Production Change Information

This TSB applies to vehicles produced **BEFORE** the Production Change Effective VINs shown below.

MODEL	ENGINE	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
Highlander	2AZ-FE	2WD	JTE#D21A#70155604
		4WD	JTE#D21A#70045763
	3MZ-FE	2WD	JTE#P21A#70126585
		4WD	JTE#P21A#70187344
Highlander HV	3MX-FE	2WD	JTE#W21A#70016485
		4WD	JTE#W21A#70033957

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### Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
EL8013	R & R Headlight Assembly and Bulb	0.9	811#0-48##0	8D	13
Combo A	R & R Headlight Assembly and Bulb (Opposite Side)	0.4			

#### APPLICABLE WARRANTY

- This repair is covered under the Toyota Comprehensive Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to correction of a problem based upon a customer's specific complaint.

### Parts Information

MODEL	PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
Highlander	81130-48280	81130-48550	Unit, Headlamp, RH	1
Highlander HV	81130-48310	81130-48570		1
Highlander	81170-48280	81170-48550	Unit, Headlamp, LH	1
Highlander HV	81170-48310	81170-48570		1
Highlander & Highlander HV	90080-81041	Same	Bulb (for Headlamp, No. 2)	2

#### NOTE

For consistent appearance of the headlights, it is recommended to replace BOTH LH and RH assemblies at the same time.

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### Repair Procedure

**CAUTION**

Wait at LEAST 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretension activation.

Remove the left and right headlight assemblies and bulbs and replace with NEW headlight assemblies and bulbs.

Refer to the Technical Information System (TIS), applicable model and model year Repair Manual:

- [2004](#) or [2005](#) Highlander, Vehicle Exterior – Lighting (ext) – “Headlamp Assy: Overhaul”
- 2006 Highlander:  
Vehicle Exterior – Lighting (ext) – “Lighting: Headlight Assembly: [Removal](#) and [Installation](#)”
- 2007 Highlander:  
Vehicle Exterior – Lighting (ext) – “Lighting: Headlight Assembly: [Removal](#) and [Installation](#)”
- 2006 Highlander HV:  
Vehicle Exterior – Lighting (ext) – “Lighting: Headlight Assembly: [Removal](#) and [Installation](#)”
- 2007 Highlander HV:  
Vehicle Exterior – Lighting (ext) – “Lighting: Headlight Assembly: [Removal](#) and [Installation](#)”