

S-SB-0009-12

July 6, 2012

# DRL Customization

**Service Category** Vehicle Exterior

**Section** Lighting (ext)

**Market** USA

Scion Supports ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2013	FR-S	

## Introduction

An improved Gateway ECU has been developed for early production FR-S vehicles to enable customization of the Daytime Running Light (DRL) function using Techstream. Do not attempt to customize the DRL in these early production vehicles without replacing this ECU. Use this bulletin only if the customer wishes to turn "OFF" the DRL function.

## Production Change Information

This bulletin applies to vehicles produced **BEFORE** the Production Change Effective VIN shown below.

MODEL	PRODUCTION CHANGE EFFECTIVE VIN
FR-S	JF1ZNAA1#D#706034

## Warranty Information

OP CODE	DESCRIPTION	TIME	OPF	T1	T2
EL1212	R & R Network Gateway ECU	0.4	SU003-04006 SU003-04007	87	74

### 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 occurrence of the specified condition described in this bulletin.

## DRL Customization

### Parts Information

TRANS	PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
M/T	SU003-04006	Same	Computer, Network Gateway	1
A/T	SU003-04007	Same		1

### Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
TIS Techstream* or Techstream Lite  NOTE: Software version 7.10.030 or later is required.	ADE	TSPKG1 or TSLITEDLR01	1

\* Essential SST.

**NOTE**

Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

### Repair Procedure

For customers requesting to disable the DRL function, please follow the steps below.

1. Confirm normal operation of DRL, high beam, and low beam headlights. If abnormal performance is found before customizing DRL function, diagnose the condition using the Repair Manual.

Refer to the Technical Information System (TIS), 2013 model year FR-S Repair Manual:

- *Vehicle Exterior – Lighting (Ext) – “Lighting (Ext): Lighting System: [Problem Symptoms Table](#)”*
2. Use Techstream to turn DRL “OFF”.
  3. Confirm that Daytime Running Lights do not illuminate after performing customization.
  4. Confirm normal low beam and high beam headlight operation.

Do headlights operate normally?

- **YES** — Customization is complete.
- **NO** — Go to step 5.

## DRL Customization

---

### Repair Procedure (Continued)

5. Replace the network gateway ECU.

Refer to TIS, 2013 model year FR-S Repair Manual:

- *Power Source/Network – Power Distribution – “Power Distribution: Main Body ECU: [Removal](#) / [Installation](#)”*

6. Repeat steps 2 – 4.