TECHNICAL INSTRUCTIONS

FOR

LIMITED SERVICE CAMPAIGN FLB

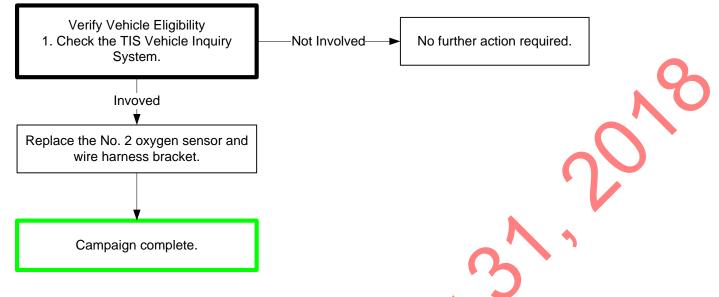
CERTAIN 2010 MODEL YEAR RX 450h

OXYGEN SENSOR REPLACEMENT

The repair quality of covered vehicles is extremely important to Lexus. All dealership technicians performing this LSC are required to successfully complete the most current version of the E-Learning course "Safety Recall and Service Campaign Essentials". To ensure that all vehicles have the repair performed correctly; technicians performing this LSC repair are required to currently hold <u>at least one</u> of the following certification levels:

- Senior Service Technician
- Senior Diagnostic Specialist
- Master Service Technician
 - Master Diagnostic Specialist

OPERATION FLOW CHART Ι.



IDENTIFICATION OF AFFECTED VEHICLES П.

NOTE:

- Check the TIS Vehicle Inquiry System to confirm the VIN is involved in this LSC and that the campaign has not • already been completed prior to dealer shipment or by another dealer.
- TMS warranty will not reimburse dealers for repairs conducted on vehicles that are not affected or • were completed by another dealer.

III. PREPARATION

A. TOOLS & EQUIPMENT

Standard Hand Tools	Torque Wrench	
Part Number	Part Name	Quantity
09617-24011*	Steering Rack Wrench	1
*This tool was provided to the	dealer prior to launch of the LSC	

This tool was provided to the dealer prior to launch of the LSC

B. PARTS

Part Number	D	Description		
04004-59148	OXYGE	OXYGEN SENSOR KIT		
	he following:			
	Part Number	Description	Quantity	
	89465-48430	Oxygen Sensor	1	
	82715-48N90	Wire Harness Clamp Bracket	1	
	52161-16010*	Front Bumper Piece	2	
	90467-07201*	Clip	4	
	*To attach the eng	ine under cover if the original piec	es are dama	

IV. BACKGROUND

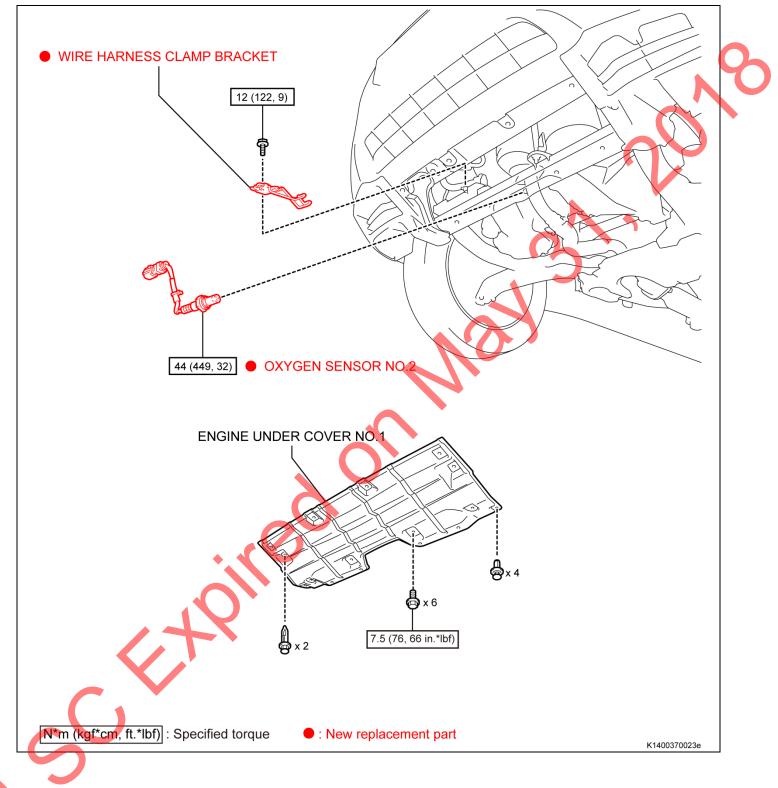
The subject vehicles are equipped with an oxygen sensor with an attached wire harness. Due to the oxygen sensor wire harness routing and engine vibration, the harness may become damaged over time. If the wire harness becomes damaged, the Check Engine warning lamp () may illuminate.

Lexus has designed a new oxygen sensor with a different wire harness and bracket to prevent this condition from occurring in the future.

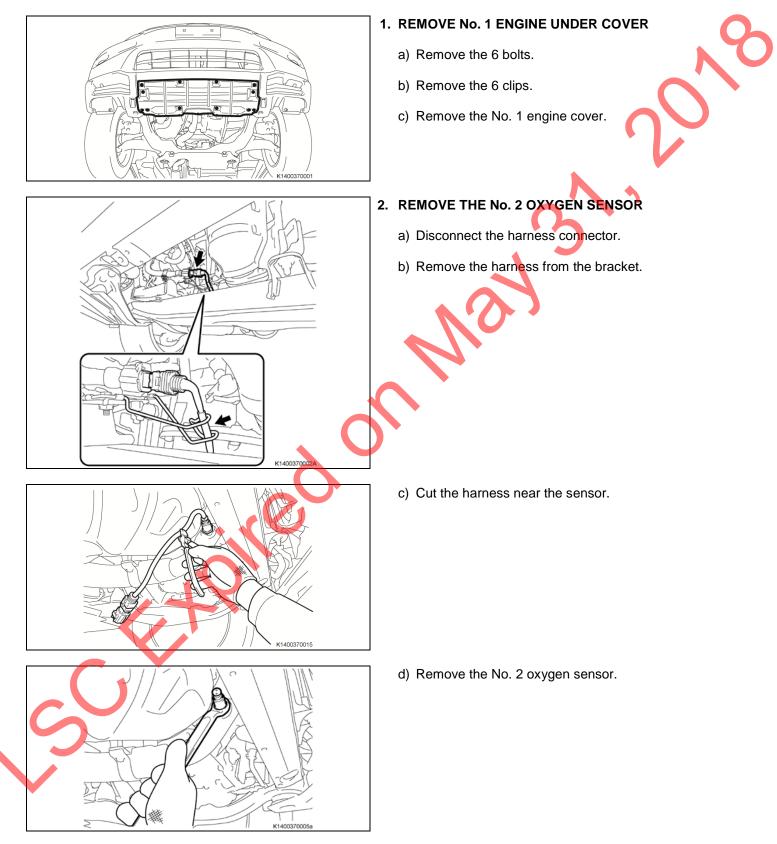
NOTE: The check engine warning lamp can illuminate for other reasons not related to this Limited Service Campaign.

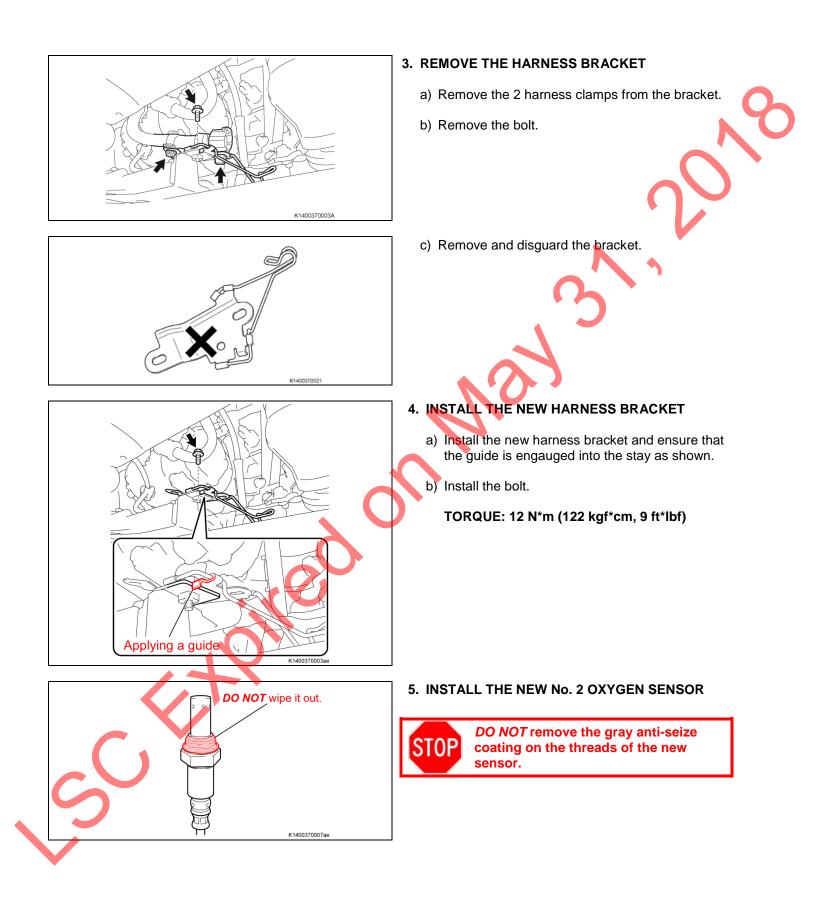


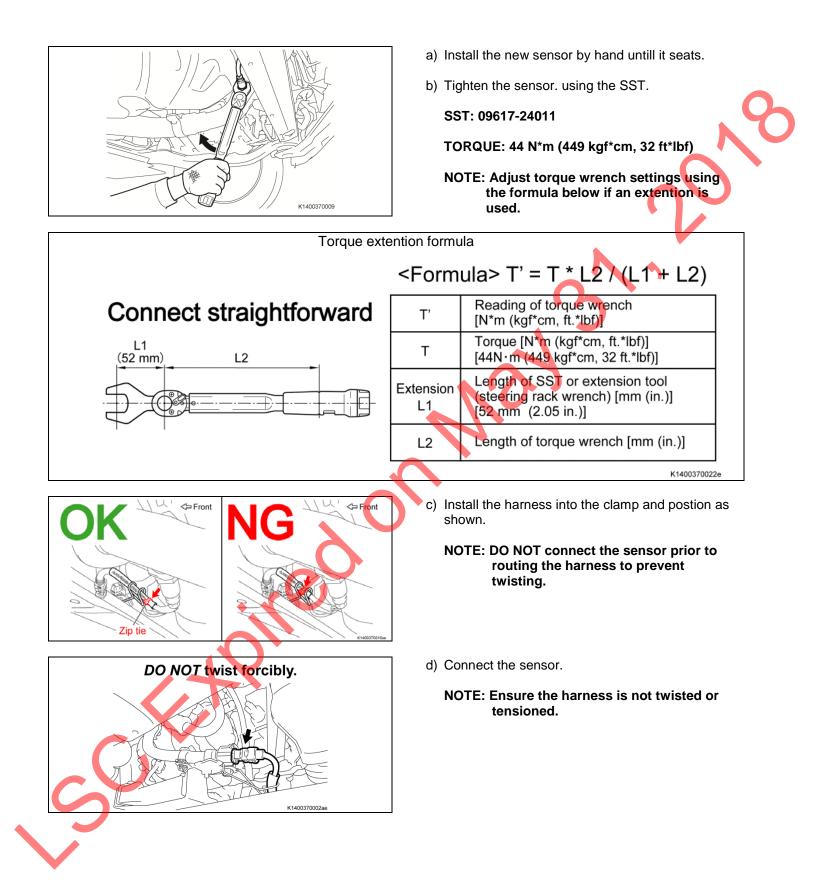
V. COMPONENTS

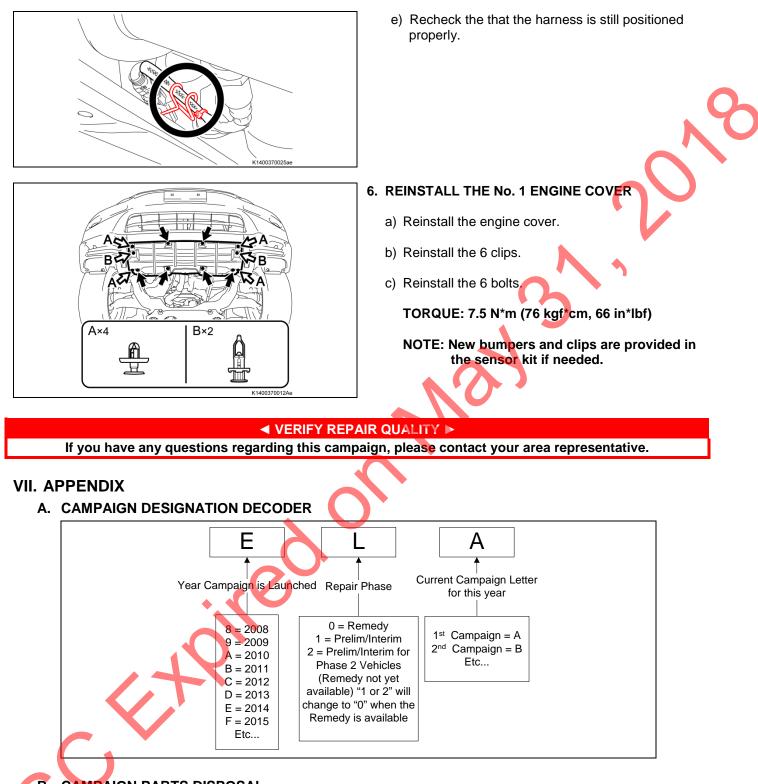


VI. WORK PROCEDURE









B. CAMPAIGN PARTS DISPOSAL

As required by Federal Regulations, please make sure all campaign parts (original parts) removed from the vehicle are disposed of in a manner in which they will not be reused, **unless requested for parts recovery return.**