

TECHNICAL BULLETIN

Q619NAS1

17 NOV 2016



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NOTE: The information in Technical Bulletins is intended for use by trained, professional Technicians with the knowledge, tools, and equipment required to do the job properly and safely. It informs these Technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by 'do-it-yourselfers'. If you are not a Retailer, do not assume that a condition described affects your vehicle. Contact an authorized Land Rover service facility to determine whether this bulletin applies to a specific vehicle.

SECTION: 303-14

Service Action: Heated Oxygen Sensor (HO2S)

AFFECTED VEHICLE RANGE:

Discovery Sport (LC)

Model Year: 2016
VIN: 548691-590833 GTDi 2.0L Petrol/GTDi 2.0L Petrol - SULEV
Assembly Plant: Halewood

LR4 (LA)

Model Year: 2016
VIN: 777507-807386 V6 S/C 3.0L Petrol
Assembly Plant: Solihull

Range Rover Evoque (LV)

Model Year: 2016
VIN: 082032-099982 GTDi 2.0L Petrol/GTDi 2.0L Petrol - SULEV
Assembly Plant: Halewood

Range Rover Evoque (LV)

Model Year: 2016
VIN: 100022-120635 GTDi 2.0L Petrol/GTDi 2.0L Petrol - SULEV
Assembly Plant: Halewood

MARKETS:

NAS

CONDITION SUMMARY:

Situation: An issue has been identified on a limited number of vehicles within the listed Affected Vehicle Range which may experience Heated Oxygen Sensor (HO2S) - rear early-life failures due to cracks in the sensing element of the sensor assembly. This results in loss of electrical signal from the sensor.

Action: Retailers are required to **HOLD** affected new vehicles that are within your control and refrain from releasing the vehicles for **new vehicle sale** pending completion of the Service Instruction detailed in this Technical Bulletin. Unsold vehicles should have this performed as part of the Pre-Delivery Inspection (PDI) process but **must** have it completed prior to vehicle handover to the customer.

Affected vehicles already in the hands of customers should be updated at the next available opportunity.

PARTS:



NOTE: Order only the expected percentage demand of parts identified.

DESCRIPTION	PART No./SUNDRY CODE	QTY./VALUE	EXPECTED % of VEHICLES REQUIRING PARTS
	LR049884	1	100

DESCRIPTION	PART No./SUNDRY CODE	QTY./VALUE	EXPECTED % of VEHICLES REQUIRING PARTS
Heated Oxygen Sensor (HO2S) - Rear - Discovery Sport, Range Rover Evoque			
Heated Oxygen Sensor (HO2S) - Rear - Left - LR4	LR052425	1	100
Heated Oxygen Sensor (HO2S) - Rear - Right - LR4	LR052426	1	100

SPECIAL TOOLS:

Refer to Workshop Manual/Service Instruction for any required special tools.

WARRANTY:



NOTE: Check DDW to ensure that a vehicle is affected by this program prior to undertaking any rework action.

At the time of confirming a booking for vehicle repair, ensure that **all** outstanding Recalls and Service Actions are identified to ensure the correct parts are available and adequate workshop time is allocated for repairs to be completed at one visit.

Warranty claims must be submitted quoting Program Code '**Q619**', Option Code '**X**', the relevant parts, and using only the labor operations performed on the vehicle. The drive in / drive out allowance may only be claimed if the vehicle is brought into the workshop for this action alone to be undertaken.

This program is valid for a limited time only. Warranty claims with a repair date prior to the **30 November 2018** closure date must be submitted or payment within 30 calendar days of completion of the repair.

Repair procedures are under constant review and therefore times / prices are subject to change; those quoted here must be taken as guidance only. Refer to TOPIx to obtain the latest repair time.

DESCRIPTION	SRO	TIME (HOURS)	PARTS/SUNDRY CODE	QTY./VALUE
Renew HO2S - Rear - Discovery Sport, Range Rover Evoque	19.22.16	0.20	LR049884	1
Renew HO2S - Rear - Left - LR4	17.50.41	0.10	LR052425	1
Renew HO2S - Rear - Right - LR4	17.50.44	0.10	LR052426	1
Drive in/drive out	02.02.02	0.20	-	-

Normal Warranty policies and procedures apply.

SERVICE INSTRUCTION A:

Discovery Sport / Range Rover Evoque Only

- WARNING: Observe due care when working near a hot exhaust system.**

Install a new Heated Oxygen Sensor (HO2S) - rear (see TOPIx Workshop Manual section 303-14: Electronic Engine Controls - GTDi 2.0L Petrol/GTDi 2.0L Petrol - SULEV - Heated Oxygen Sensor [HO2S]).

SERVICE INSTRUCTION B:

LR4 Only



WARNING: Observe due care when working near a hot exhaust system.

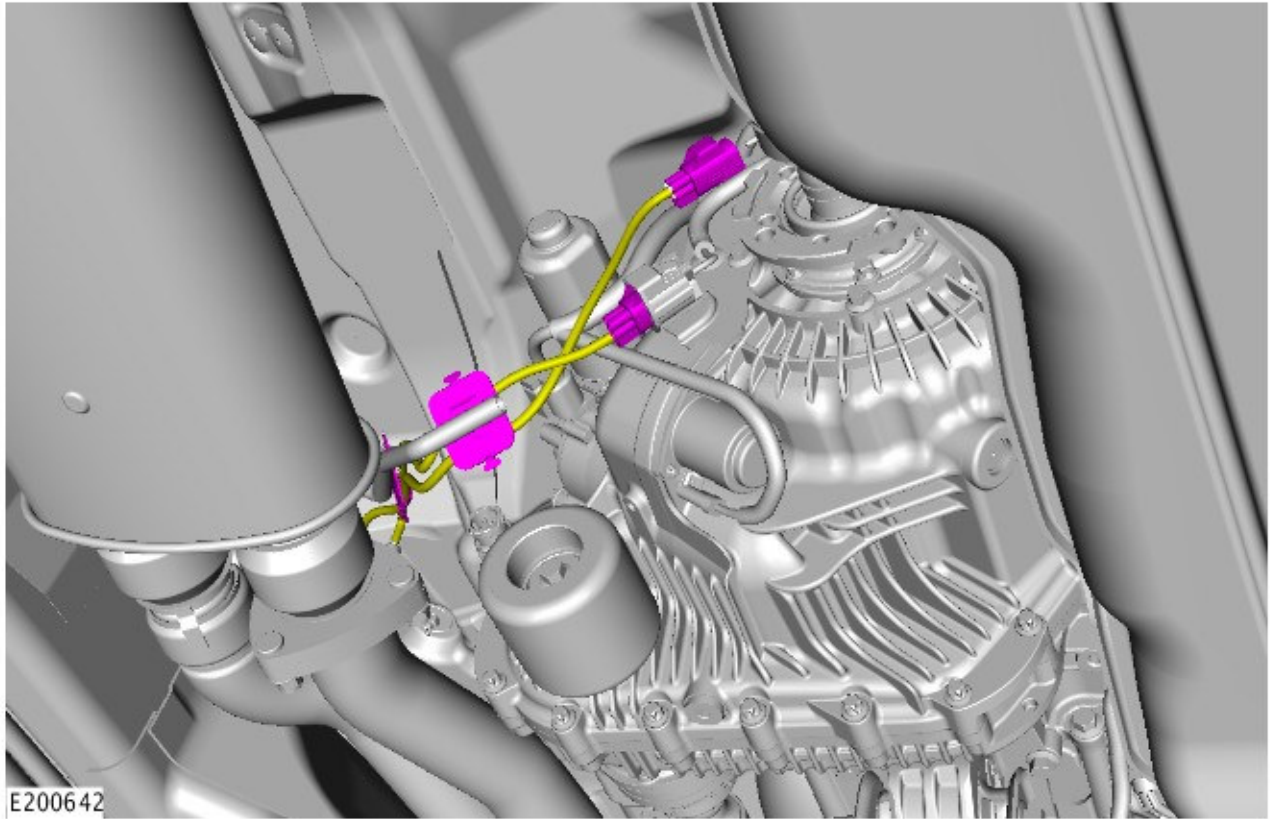


NOTE: Some variation in the illustrations may occur, but the essential information is always correct.

1.  **WARNING: Make sure to support the vehicle with axle stands.**

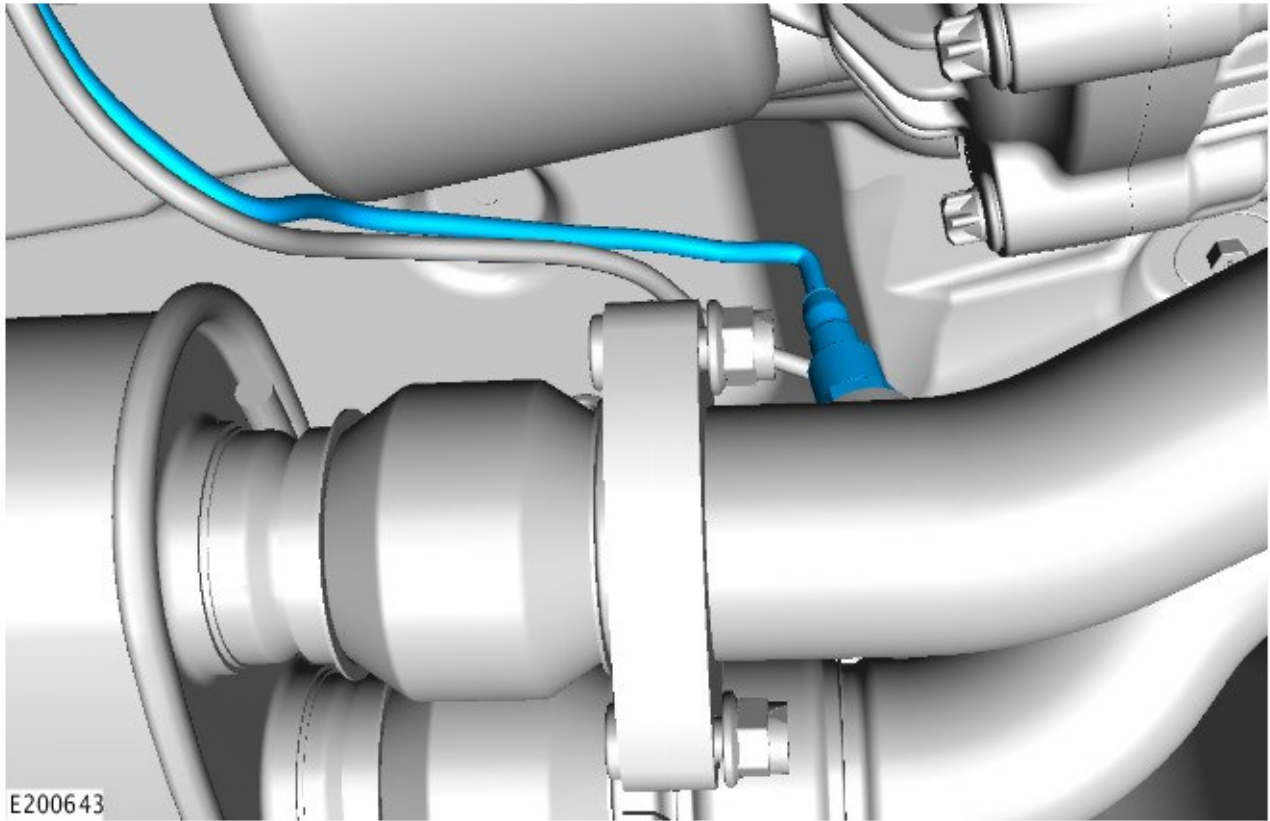
Raise and support the vehicle (see TOPIx Workshop Manual section 100-02: Jacking and Lifting - Lifting).

2. Disconnect the Heated Oxygen Sensor (HO2S) - rear left and right electrical connectors.



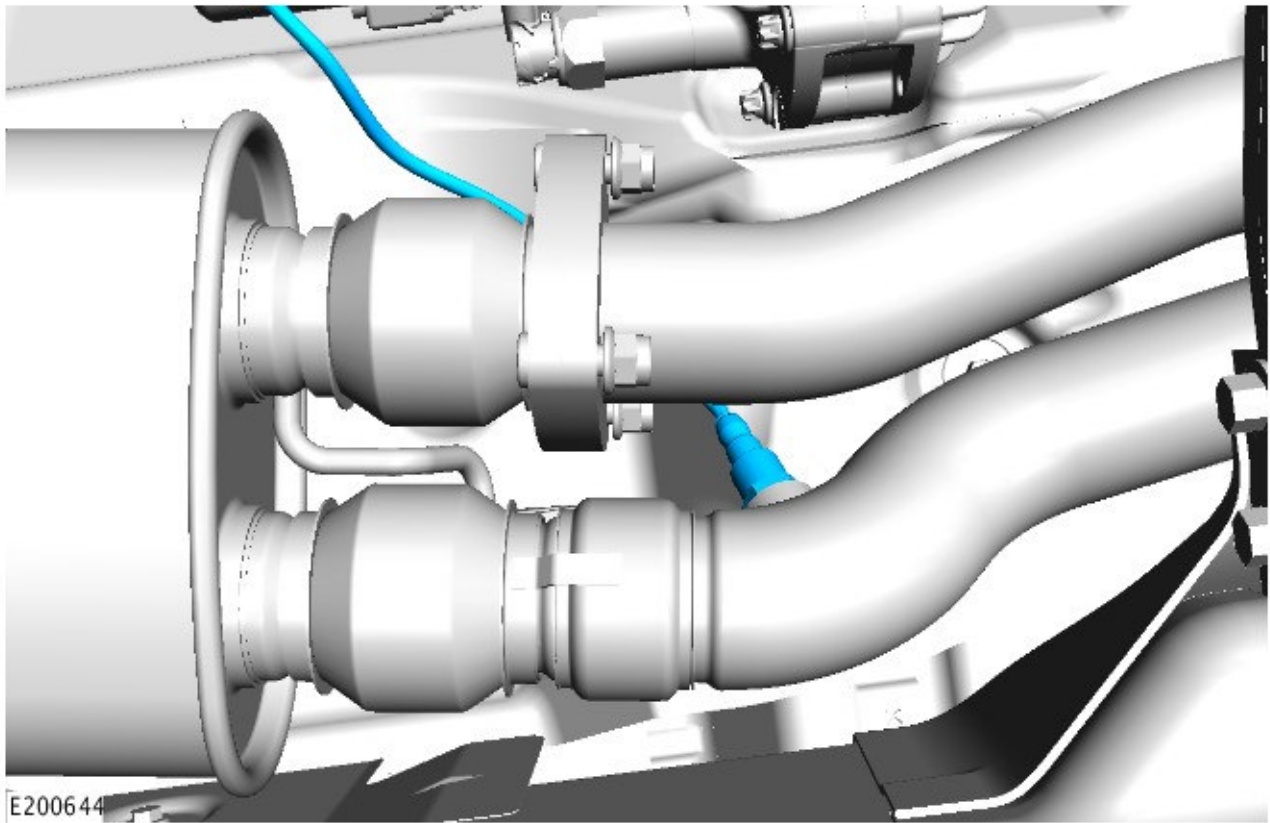
3.  **CAUTION: Make sure that the mating faces are clean and free of corrosion and foreign material.**

Using JLR-303-1646, remove the Heated Oxygen Sensor (HO2S) - rear right.



4.  **CAUTION: Make sure that the mating faces are clean and free of corrosion and foreign material.**

Using JLR-303-1646, remove the Heated Oxygen Sensor (HO2S) - rear left.



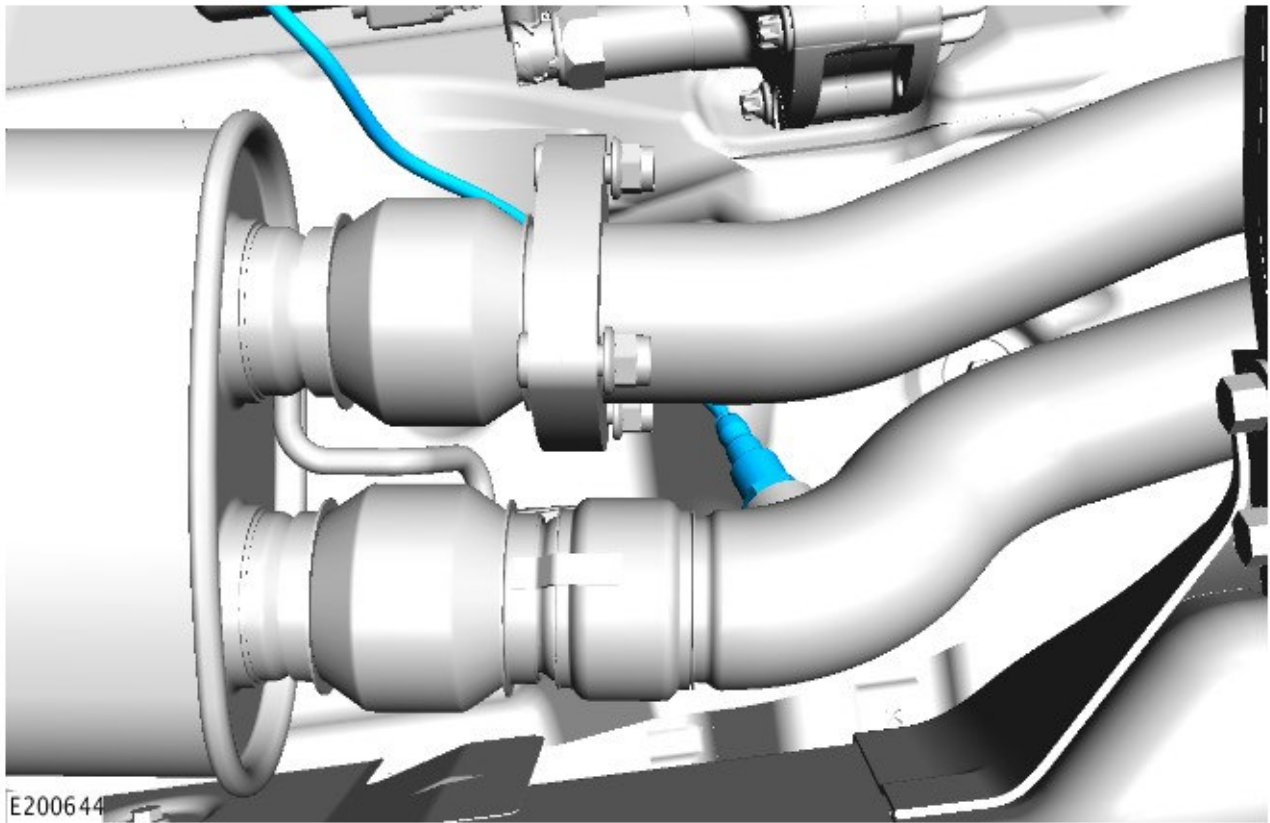
5.  **CAUTION: Make sure that the mating faces are clean and free of corrosion and foreign material.**

 **CAUTION: Make sure the HO2S wiring harness is not twisted more than 180 degrees and is not in contact with either the exhaust or driveshaft.**

 **CAUTION: Make sure the anti-seize compound does not contact the heated oxygen sensor (HO2S) tip.**

Using JLR-303-1646, install the Heated Oxygen Sensor (HO2S) - rear left.

- Torque: **48 Nm**



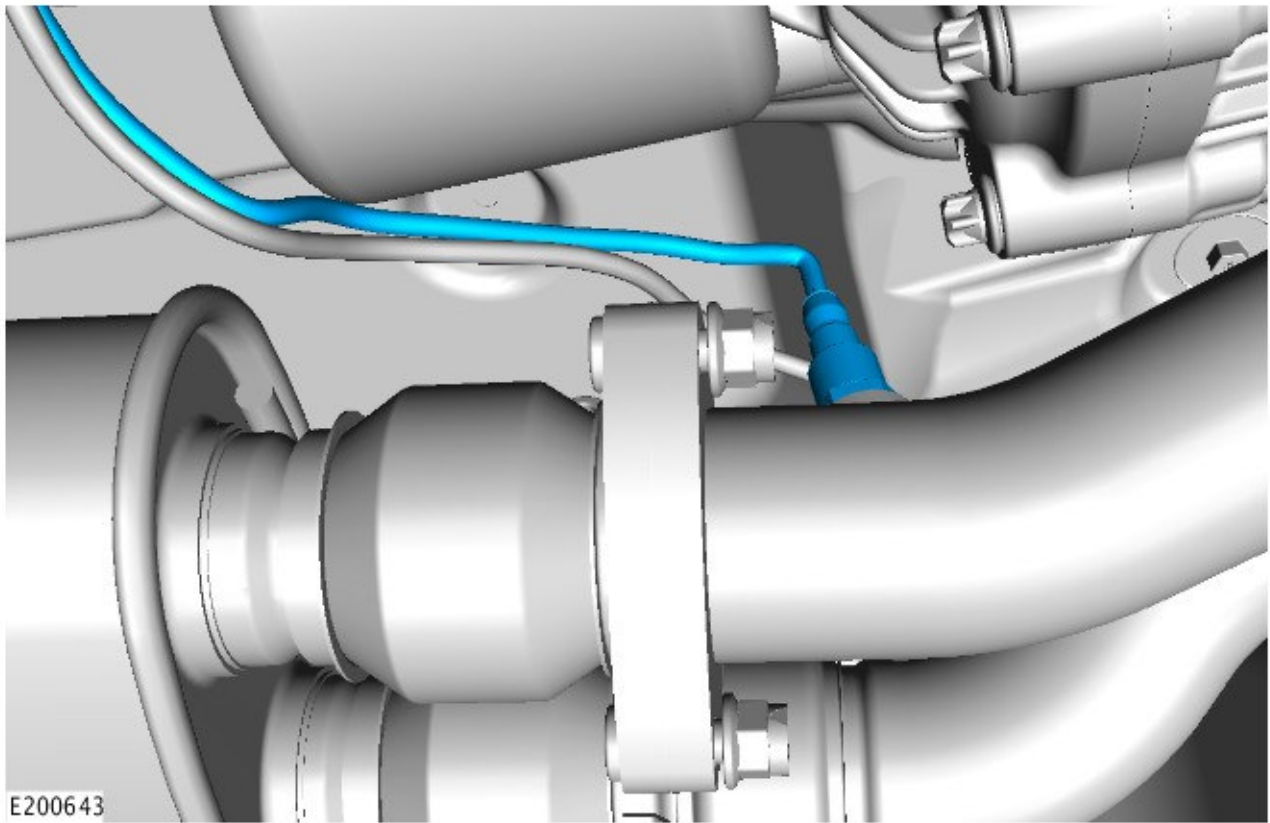
6.  **CAUTION: Make sure that the mating faces are clean and free of corrosion and foreign material.**

 **CAUTION: Make sure the HO2S wiring harness is not twisted more than 180 degrees and is not in contact with either the exhaust or driveshaft.**

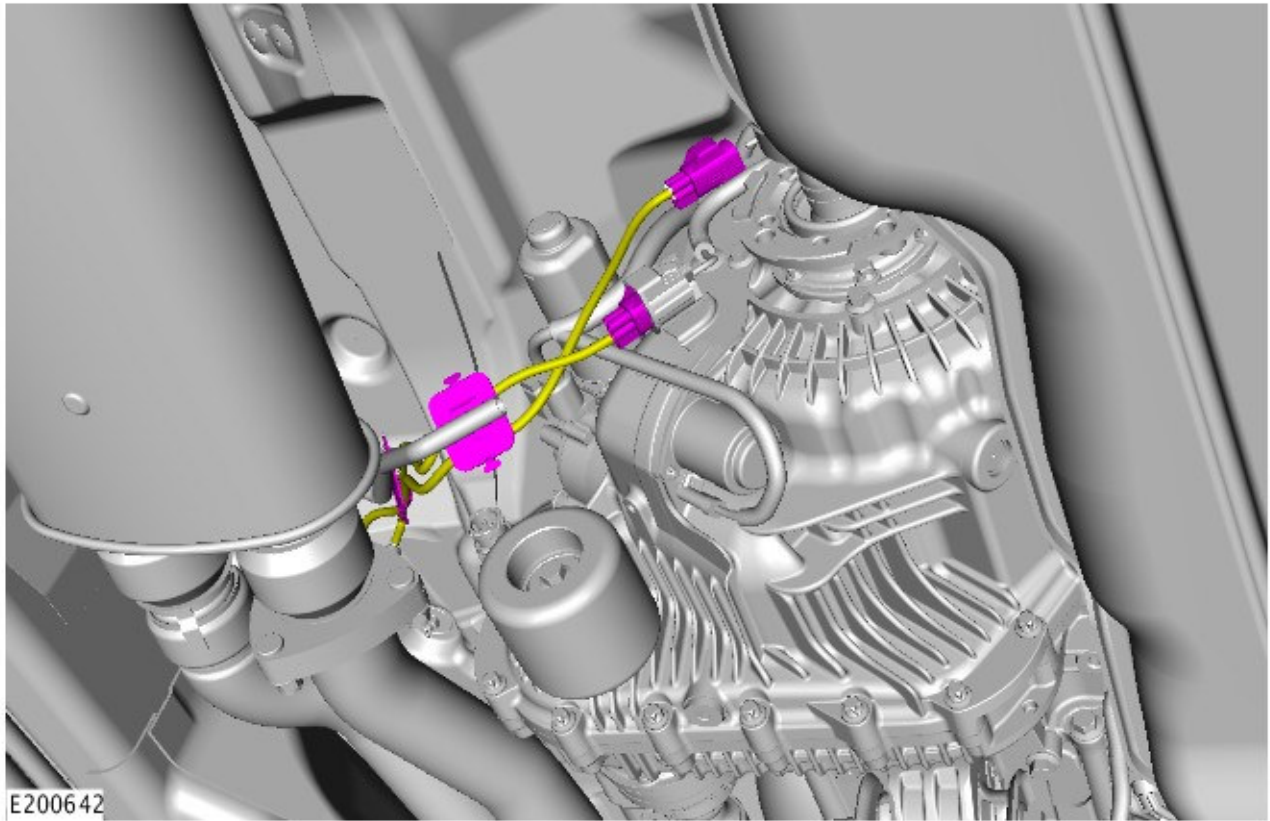
 **CAUTION: Make sure the anti-seize compound does not contact the heated oxygen sensor (HO2S) tip.**

Using JLR-303-1646, install the Heated Oxygen Sensor (HO2S) - rear right.

- Torque: **48 Nm**



7. Connect the Heated Oxygen Sensor (HO2S) - rear left and right electrical connectors.



8. Lower the vehicle (see TOPIx Workshop Manual section 100-02: Jacking and Lifting - Lifting).