


## Catalyst Monitor Sensor LH (19.22.71)

### Special Service Tools



Wrench, HO2S  
310-121 (LRT-19-014)

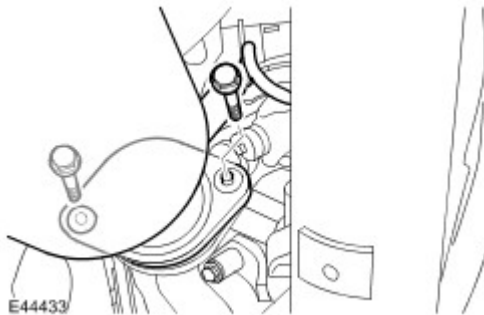
### Removal

1.  **WARNING:** Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.

Raise and support the vehicle.

2. Disconnect the LH catalytic converter from the exhaust manifold.

➤ Remove and discard the 2 bolts.



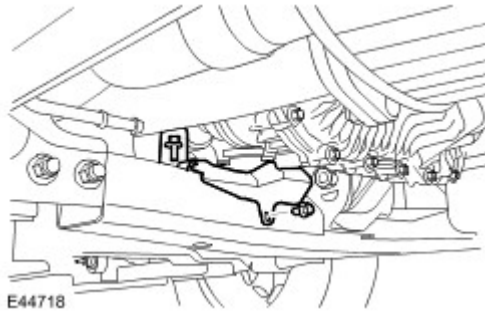
3. Disconnect the RH catalytic converter from the exhaust manifold.

➤ Remove and discard the 2 bolts.



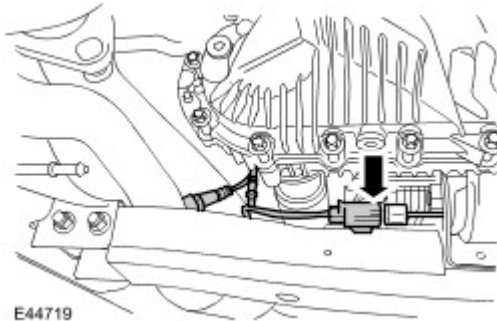
4. Remove the catalyst monitor sensor electrical connector heat shield.

- Remove the 2 bolts.




5. Using the special tool, remove the catalyst monitor sensor.

- Release the wiring harness.  
➤ Disconnect the electrical connector.



## Installation

1.  **CAUTION:** Make sure the anti-seize compound does not contact the catalyst monitor sensor tip.

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

Using the special tool, install the catalyst monitor sensor.

- Clean the components.  
➤ Apply an anti-seize compound to the thread of the sensor.  
➤ Tighten the catalyst monitor sensor to 45 Nm (33 lb.ft).  
➤ Connect the electrical connector.  
➤ Attach the wiring harness.
2. Install the heat shield.  
➤ Tighten the bolts to 10 Nm (7 lb.ft).
3. Position the RH catalytic converter to the exhaust manifold.

- Clean the components.
- Tighten the new bolts to 22 Nm (16 lb.ft).

4 .



**CAUTION:** Make sure there is a clearance (A) of 25 mm to 30 mm between the closest points of the LH catalytic converter and the front driveshaft.

Position the LH catalytic converter to the exhaust manifold.

- Clean the components.
- Tighten the new bolts to 22 Nm (16 lb.ft).

