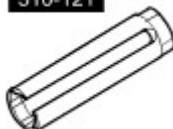




Catalytic Converter RH (17.50.04)

Special Service Tools

310-121



E53465

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

Removal

1. Disconnect the battery ground cable. For additional information, refer to [Specifications](#) (Section 414-00)

2.



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.

3. Remove the transmission crossmember. For additional information, refer to [Transmission Support Crossmember \(76.10.09 or 76.10.92\)](#) (Section 502-02)

4. Release the RH rear HO2S wiring harness.
 - ▶ Disconnect the electrical connector.



5. Disconnect the catalytic converter from the exhaust manifold.
 - ▶ Remove and discard the 2 bolts.



6. Remove the catalytic converter.

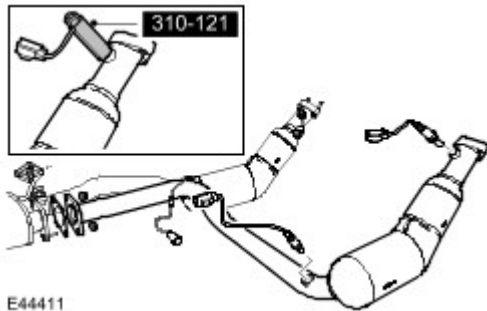
- Remove the 2 nuts.
- Discard the gasket.

- 7.

NOTE :

Do not disassemble further if the component is removed for access only.

Using the special tool, remove both HO2S from the catalytic converter.



Installation

- 1.



CAUTION: Make sure the anti-seize compound does not contact the HO2S tip.

Using the special tool, install the HO2S to the catalytic converter and tighten to 45 Nm (33 lb.ft).

- Clean the components.
- Apply an anti-seize compound to the thread of the HO2S.

- 2.

Position the catalytic converter to the front muffler.


- Clean the components.
- Install a new gasket.
- Tighten the nuts to 55 Nm (40 lb.ft).

- 3.


Position the catalytic converter to the exhaust manifold.

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

- 4 . Install the transmission crossmember. For additional information, refer to [Transmission Support Crossmember \(76.10.09 or 76.10.92\)](#) (Section 502-02)

- 5 .  **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.**

Connect the HO2S electrical connector.

 Attach the HO2S wiring harness.

- 6 . Connect the battery ground cable. For additional information, refer to [Specifications](#) (Section 414-00)