

Removal and Installation

General Equipment

Transmission Jack

Removal



NOTICE: Vent all air pressure from the air suspension system prior to disconnecting or removing any air suspension components. It is dangerous to remove air suspension components while under pressure. Failure to follow this instruction may result in serious personal injury.

NOTE: Removal steps in this procedure may contain installation details.

1. **WARNINGS:**



Make sure the air pressure in the air springs is fully evacuated by squeezing the air springs. Failure to follow this instruction may result in personal injury.



Residual air pressure may be present in the air springs. Wear gloves and eye protection when disconnecting air lines from the air springs. Failure to follow this instruction may result in personal injury.

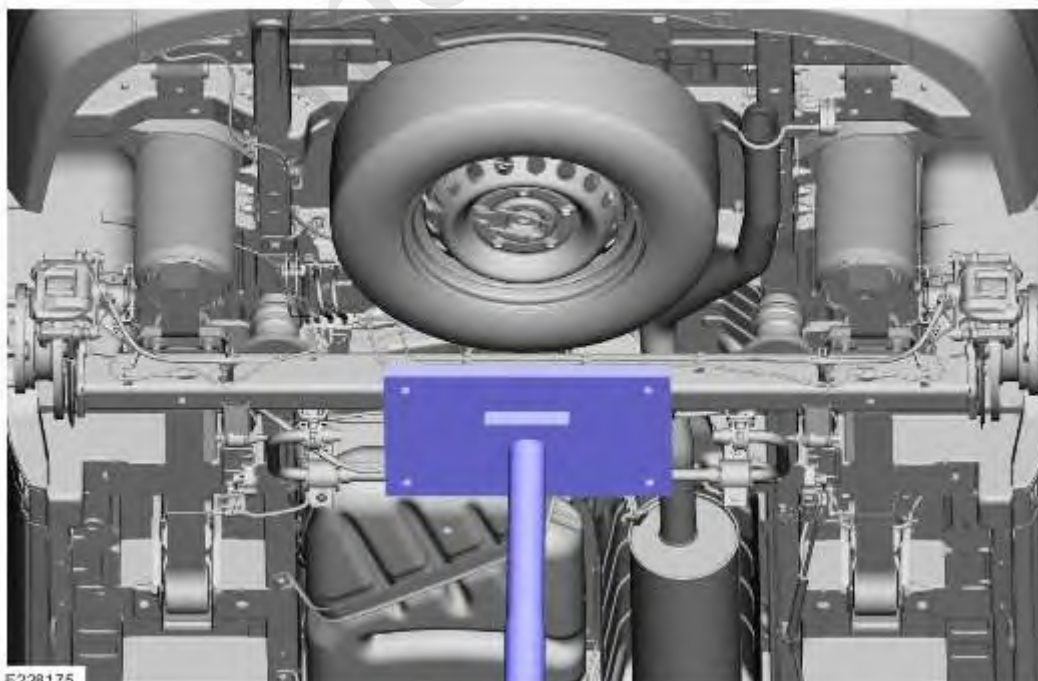
2. **WARNING:** The air suspension isolator switch must be in the OFF position before working on the air suspension components. Failure to follow this instruction may result in personal injury.

3. Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).

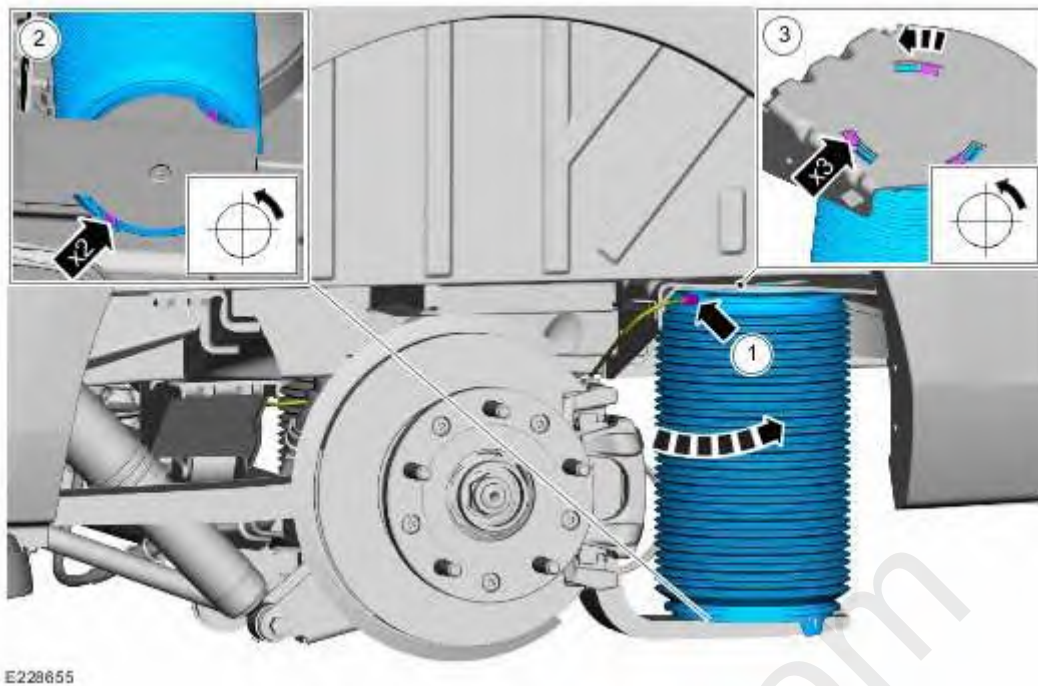
4. Depressurize the air springs

Refer to: [Air Suspension System Depressurize and Pressurize](#) (204-05 Vehicle Dynamic Suspension, General Procedures).

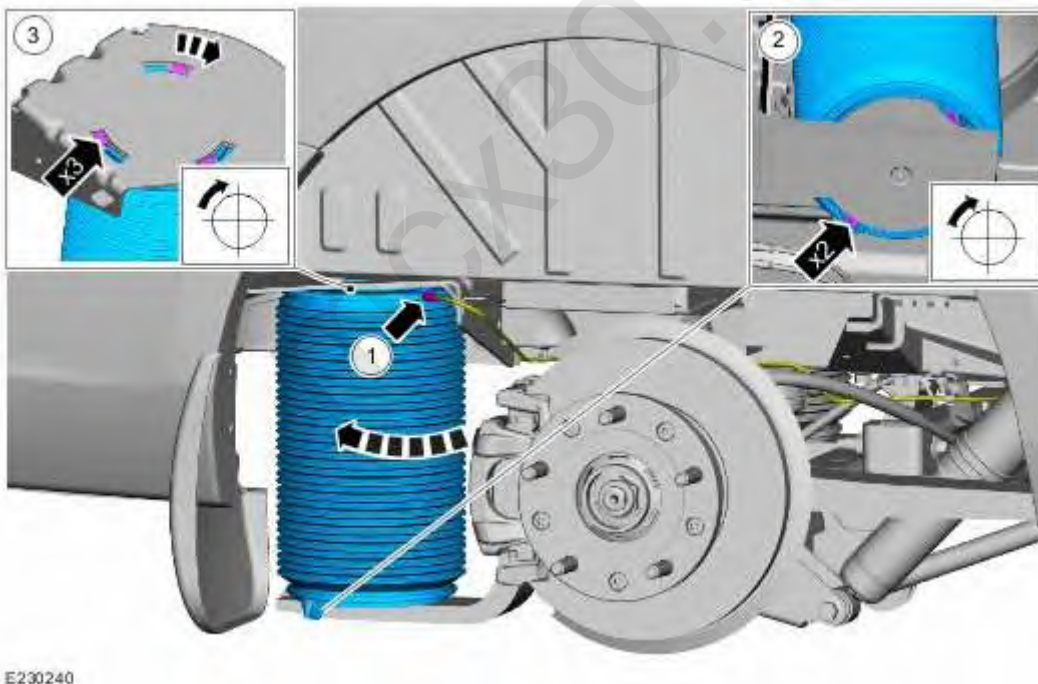
5. *Use the General Equipment:* [Transmission Jack](#)



6. NOTE: LR spring unscrew counterclockwise.
LR spring



7. NOTE: RR spring unscrew clockwise.
RR spring



Installation

1.  **WARNING:** Make sure the air spring is upright and seated correctly before inflation. Failure to follow this instruction may result in personal injury.
NOTE: Make sure the shock is fully attached to both the suspension and the body in order to prevent over extension of the air spring during installation.
NOTE: Check the air lines for damage and trim the ends if necessary before installing them into the collets.

NOTE: Ensure the three upper tabs are all engaged in the proper spring seat slots. To install, reverse the removal procedure.

2. NOTE: When installing the air lines, make sure the white inner paint line is fully inserted into the fitting for correct installation.

Turn the air suspension isolator switch to the ON position.

Refer to: [Air Suspension System Depressurize and Pressurize](#) (204-05 Vehicle Dynamic Suspension, General Procedures).

3. NOTE: If the air springs do not fully inflate to ride height within eight minutes, the air suspension compressor will switch off. To start the compressor, turn the ignition switch to the OFF position and then to the RUN position to reset the air suspension control module. If the air springs do not fully inflate after the [VDM \(vehicle dynamics control module\)](#) has been reset, check the system for air leaks. Turn the ignition switch to the RUN position to activate the air suspension compressor to charge the air system.

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