

Removal and Installation

Removal

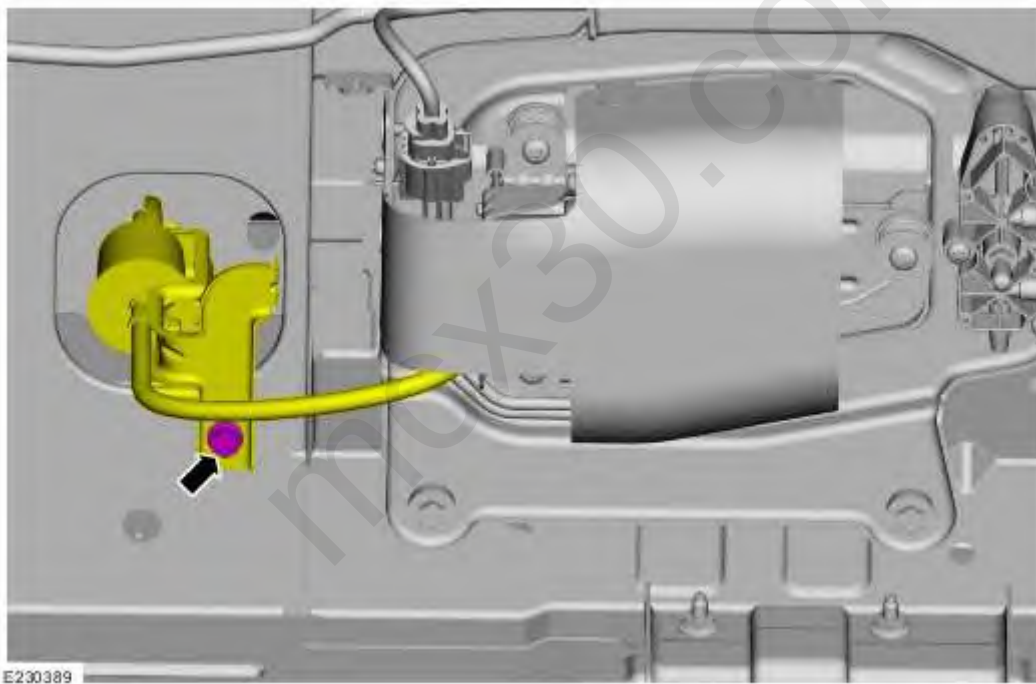


NOTICE: Vent all air pressure from the air suspension system prior to disconnecting or removing any air suspension components. It is dangerous to remove air suspension components while under pressure. Failure to follow this instruction may result in serious personal injury.

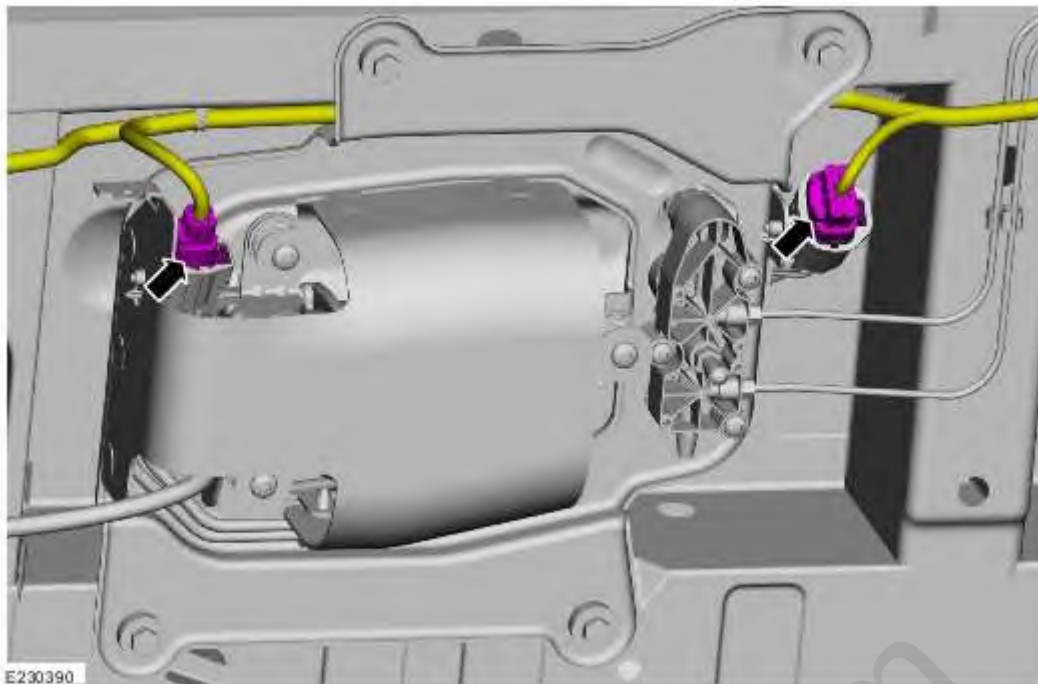
NOTE: Removal steps in this procedure may contain installation details.

1.  **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.
Turn the air suspension to the OFF position in the instrument panel.
2. Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).
3. Remove the air intake bracket bolt and air intake hose and bracket from inside B-pillar.

Torque: 15 Nm



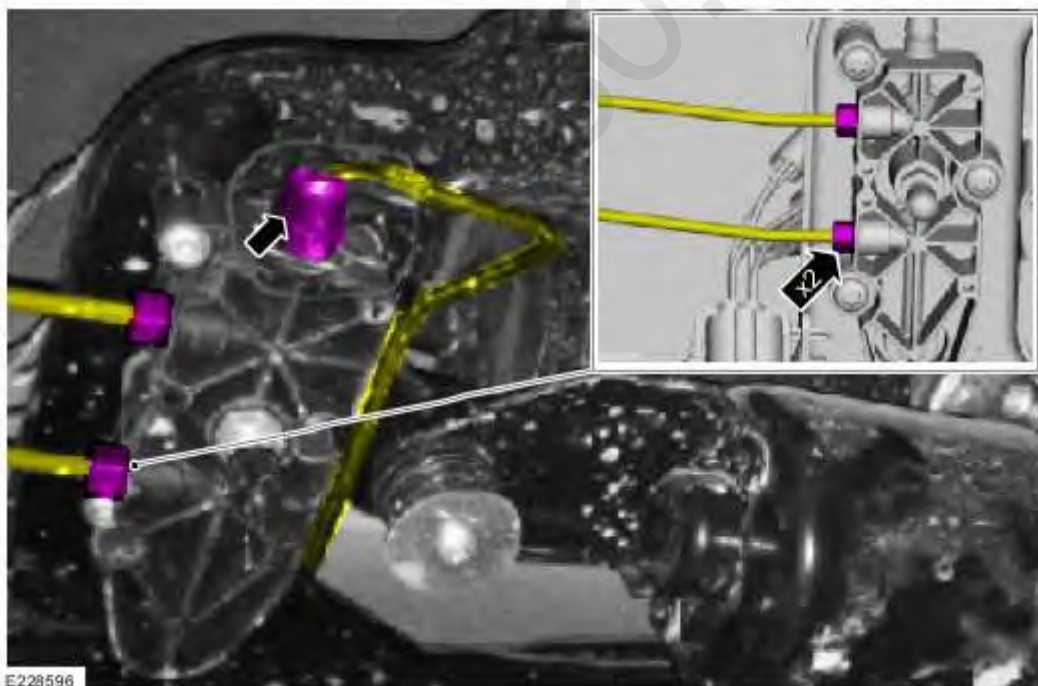
4. Disconnect the both (8 pin and 4 pin) electrical connectors.



5. **NOTE:** Make sure not to overtighten the VOSS fittings. It will strip the valve block causing a leak in the system.

Remove Voss fittings from valve block.

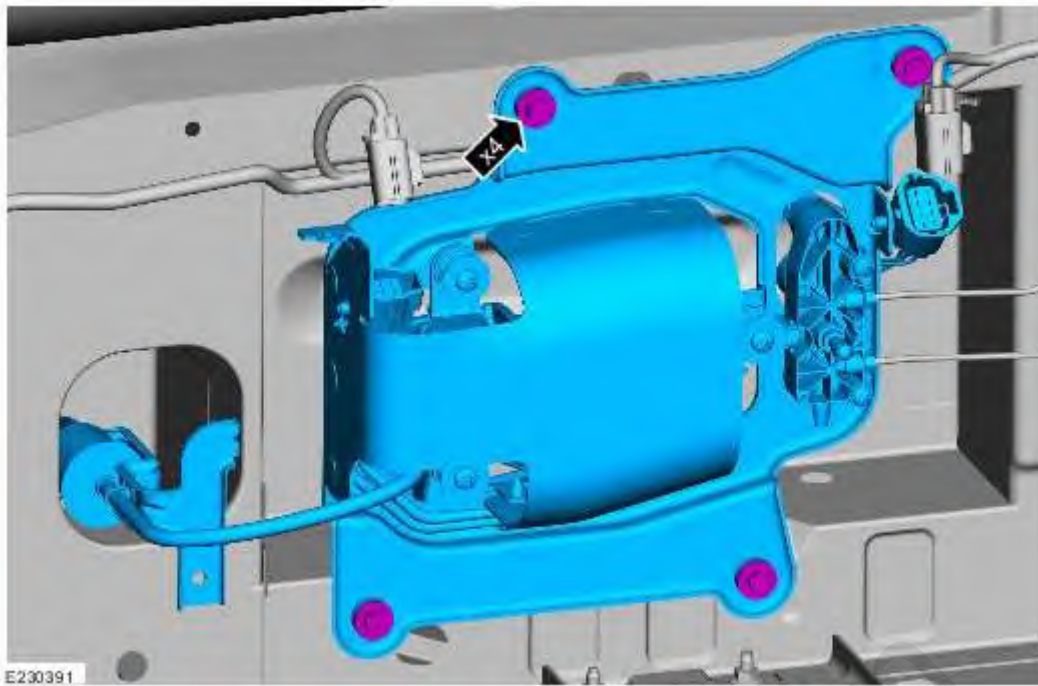
Torque: 2 Nm



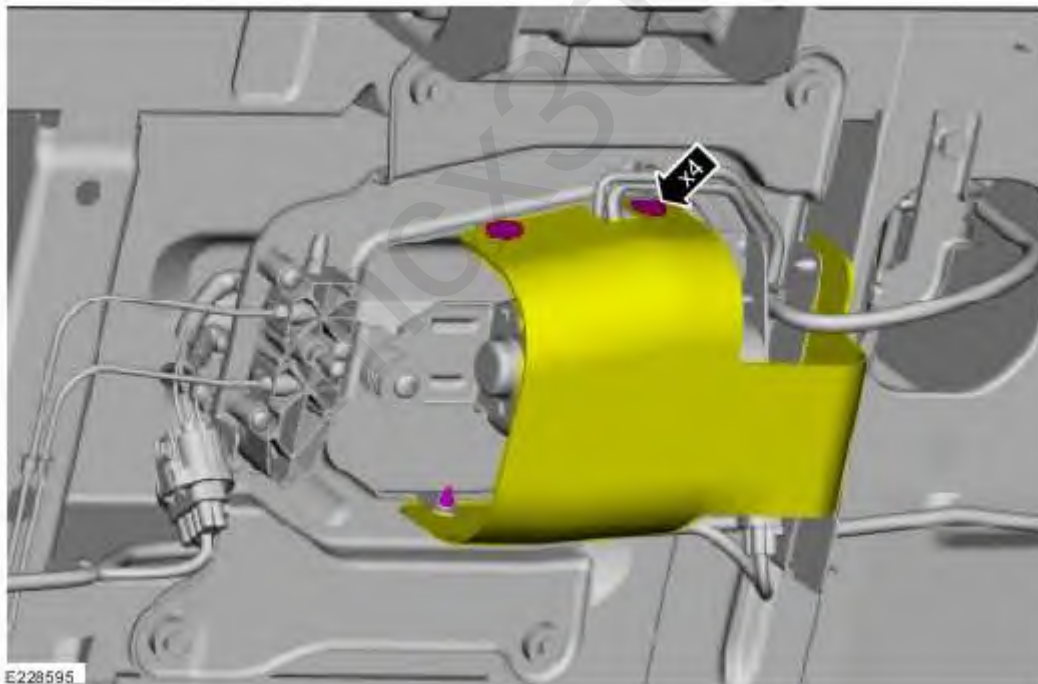
6. **NOTE:** Make sure there are no objects trapped under or on the bracket. Make sure that the air compressor is not in contact with any surrounding components that could cause vibration noises.

Remove air compressor bracket bolts and remove the air compressor and bracket assembly.

Torque: 15 Nm

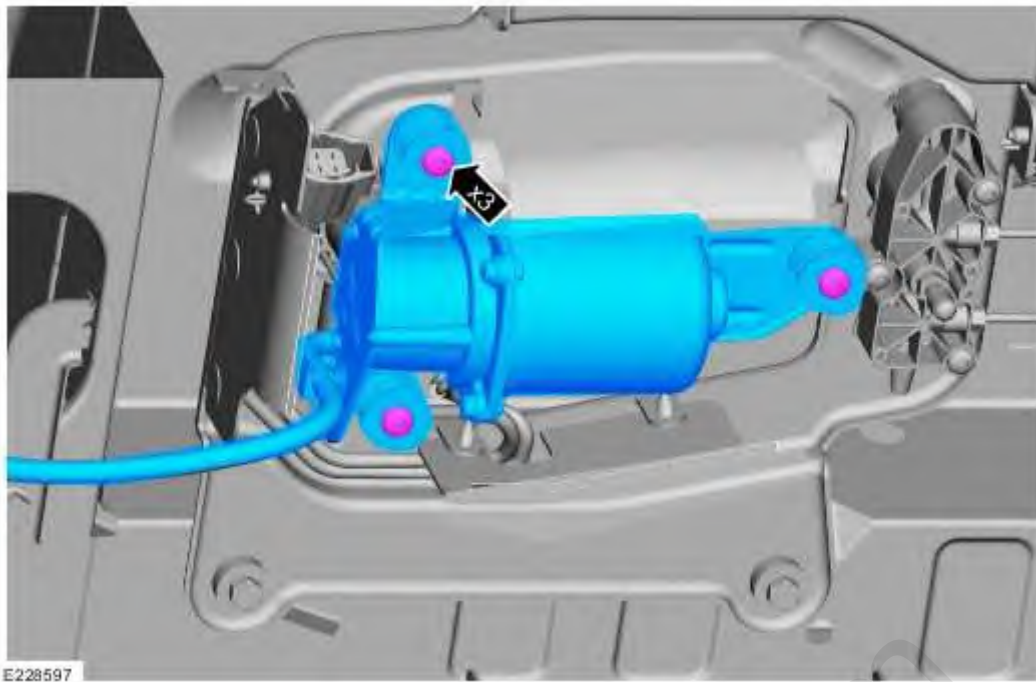


7. NOTE: Make sure that the compressor moves freely in the rubber isolators to load against each other.
Make sure that the bracket has no deformations that could cause the rubber isolators to load against each other.
Remove the splash shield.



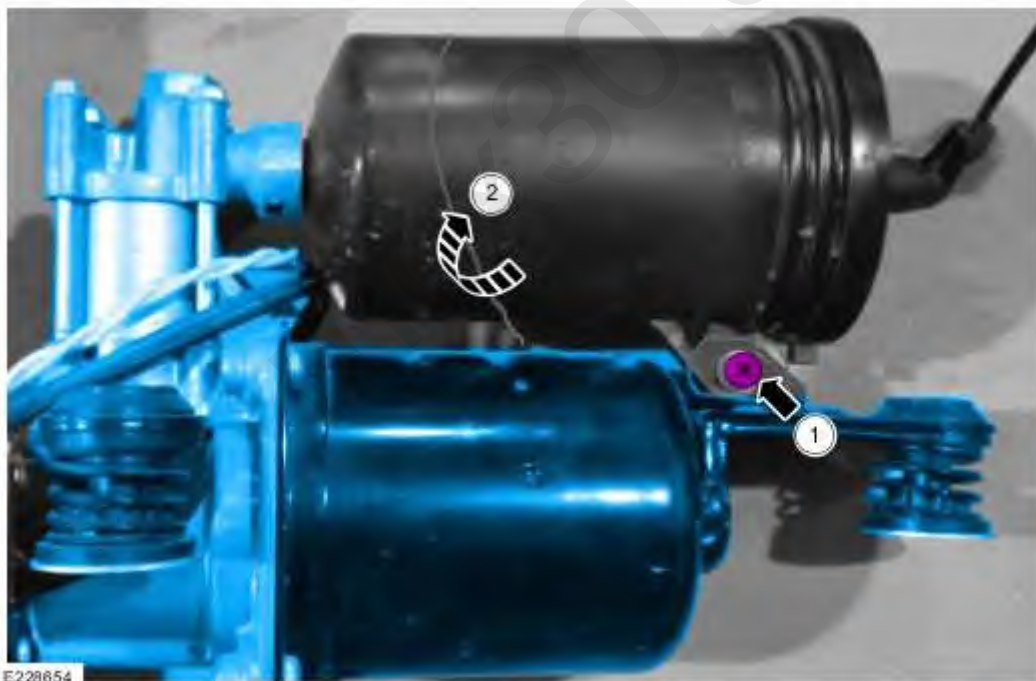
8. Remove the air compressor bracket bolts and remove the air compressor and bracket assembly.

Torque: 15 Nm



9. **NOTE:** This step is only necessary when installing a new component.
Remove the air suspension compressor.

Torque: 3 Nm



Installation

1. 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.

Refer to: [Air Leaks](#) (204-05 Vehicle Dynamic Suspension, General Procedures).

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 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.

mcx30.com