

Land Rover Discovery 3 4 Range Rover Sport Air Compressor Hitachi Removal

by **x8rftd** on May 14, 2014

Intro: Land Rover Discovery 3 4 Range Rover Sport Air Compressor Hitachi Removal

Is your vehicles air suspension rising slowly, noisily, or perhaps failing to rise at all? EAS Amber light lit? Fault code C1A20, C1A1364, C50, or C1A20-64 showing? One or more of these errors: "Suspension error only normal height available"

"Suspension fault; pressure not rising quick enough" Or "Pressure does not decrease when venting gallery"?

The piston seals within your vehicles EAS air compressor are worn and the filters saturated reducing output significantly.

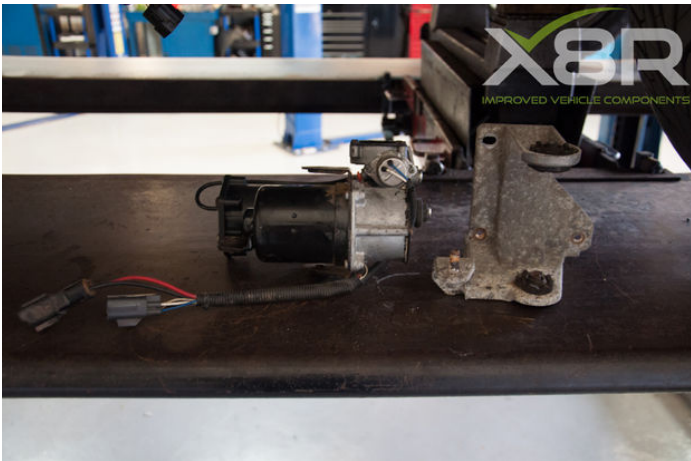
The likely cause of the faults noted above and most common cause is a worn piston and glide ring within the air suspensions compressor unit. Coupled with saturation of the filters in the compressors drier unit. This results in reduction of compressor output and triggers vehicle faults as well as extending the time taken to lift the vehicle.

HITACHI air suspension compressor fitted from VIN:
Discovery 3/LR3 - 5A000360 to 9A513325

Discovery 4/LR4 - AA513326 to CA638964

Range Rover Sport - 5A900302 to 9A215622

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



Step 1: Step 1: Removal from Vehicle

CAUTION: Make sure the ignition switch is turned off, the park brake is on and the selector lever is in park position.

Open the front door.

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

Remember to disconnect the battery before starting any work on the vehicle.

Raise and support the vehicle, make sure at least one of the wheels is off the ground.

Remove the air suspension compressor lower cover.

Remove 3 screws that hold the compressor in place and remove the 3 air lines that are connected to the compressor.

- Remove the 3 bolts.
- Release the 5 clips.



Step 2:

CAUTION: Always plug any open connections to prevent contamination.

Note: Access to the top of the compressor fixing bolt is very restricted. It is advisable to use 3/8 inch drive socket with a flexible coupling.

- Disconnect the 3 air line.

A handy tip: When removing the Air lines, the easiest way to disconnect them is to hold the baseplate flushed against the compressor when pulling away.

- Disconnect the 2 electrical connectors.

Next, unplug the two electrical plugs that power up the compressor and forward the signal to the on board computer.

Remove the air suspension compressor.



