

ALL PARTS ARE TO BE INSTALLED BY A CERTIFIED ASE TECHNICIAN



**1999-2003 BMW 5 Series**

**2002-2008 BMW 7 Series**

**2000-2006 BMW X5 - Rear Air Leveling Only**

**Air Suspension Compressor**

**250BW-20-2**

**Installation Guide**



Revision 2317

BEFORE YOU BEGIN THE REMOVAL OR INSTALLATION, PLEASE READ ALL OF THE INSTRUCTIONS THOROUGHLY!

THE WARRANTY WILL BE VOID IF INSTRUCTIONS ARE NOT FOLLOWED EXACTLY. DO NOT WORK UNDER A VEHICLE SUPPORTED BY A JACK.

ALWAYS SUPPORT THE VEHICLE ON SAFETY STANDS.

- 1. Disconnect Battery per Manufacturer's Instructions.**
- 2. Remove Trunk Carpet and Spare Tire.**
- 3. Remove Four Retaining Bolts on Metal Housing.**



- 4. Remove Electrical and Air Line Connector. Push Down on Air Connector to Release.**



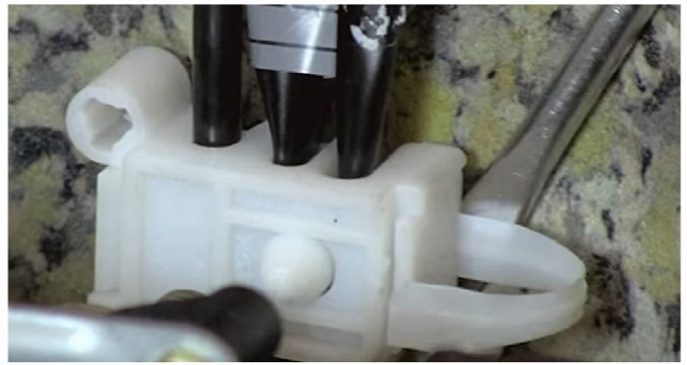
- 5. Disconnect Wire Tie. Disconnect Connectors from Brackets Attached to Frame.**



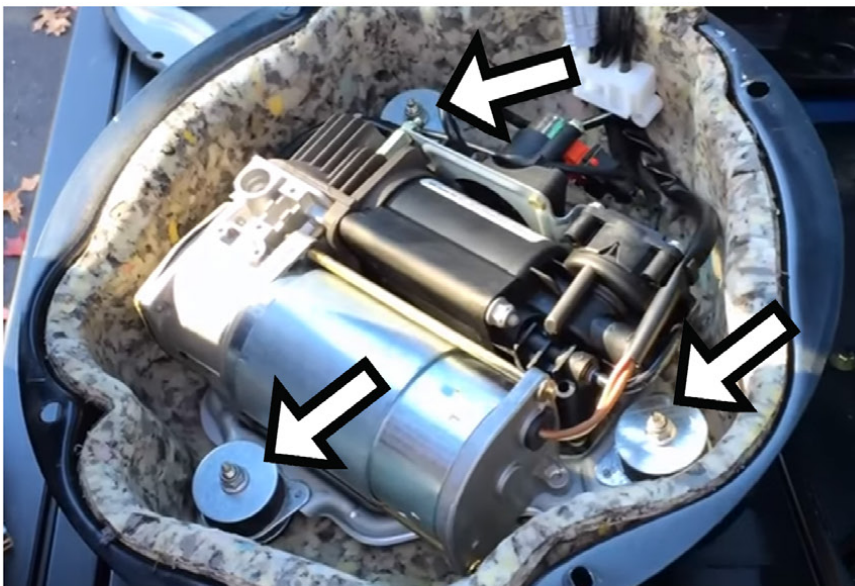
## 6. Remove Compressor Assembly from Vehicle. Pry Bottom Cover to Separate.



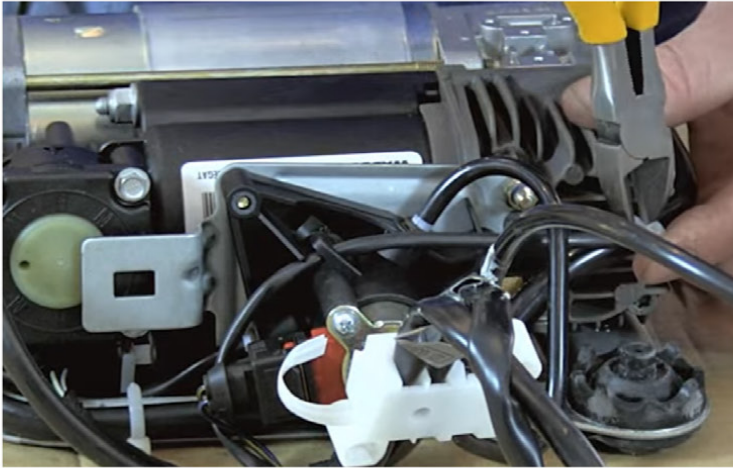
## 7. Remove Wire Connector From Case Assembly.



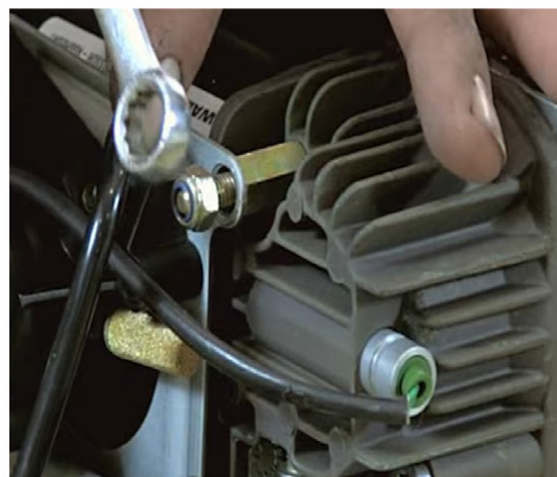
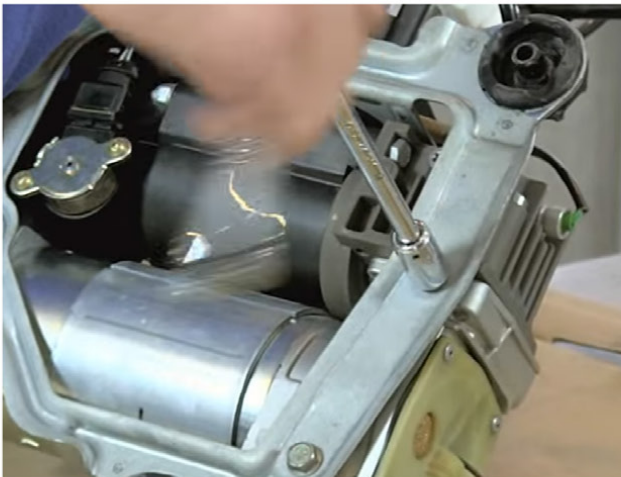
## 8. Remove Retaining Nuts That Secure Bracket to Case.



**9. Remove Plastic Ties From Bracket. Remove Hold Down Screw For Temperature Sensor.**

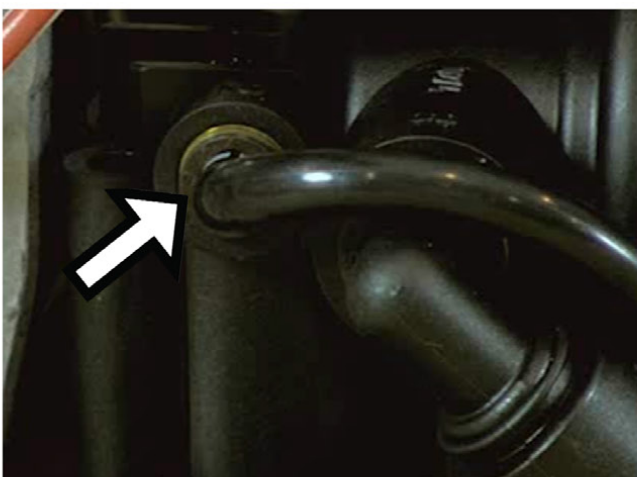


**10. Remove Bolts Holding Compressor to Frame. Remove 10mm Standoff Retaining Nut.**

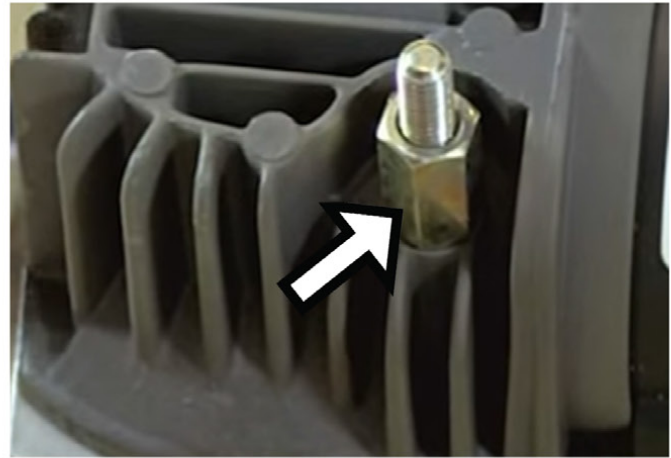
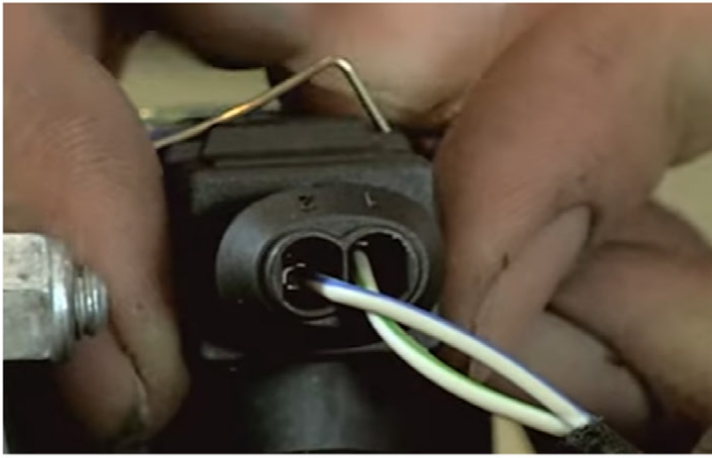


**10mm Bolt**

**11. Remove Intake Hose by Pushing in Collett and Pull Out Hose. Remove Temp Sensor.**



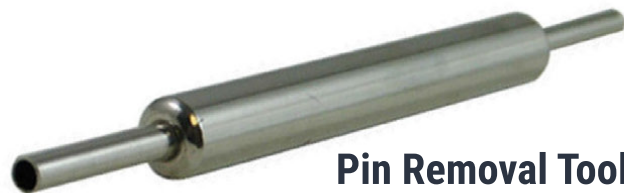
**12. Remove Retaining Clip and Connector on Exhaust Valve. Remove Standoff Nut.**



**13. Replace Red and Brown Wires in the Existing Connector with the New Wires From The Compressor.**



**You May Need a Pin Removal Tool to Unlock the Wires in Connector.**



**Pin Removal Tool**

**14. Install in Reverse Order.**

**15. Reconnect Battery.**

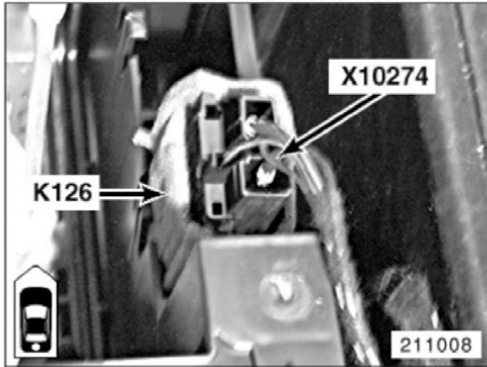


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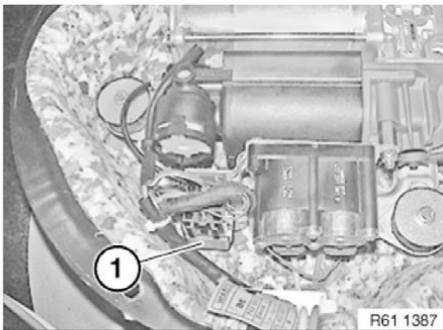
**Mandatory Relay Replacement  
NOT REPLACING AIR SUSPENSION RELAY WILL VOID WARRANTY**



**5 Series**

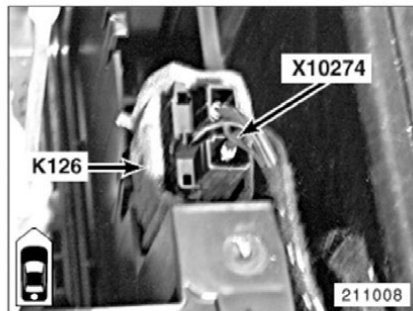
in spare-wheel well near battery

K126	Relay, compressor, air suspension
X10274	Component connector (5-pin, black), Relay, compressor, air suspension



**7 Series**

K126, X10274



**X5 Series**

in spare-wheel well near battery

K126	Relay, compressor, air suspension
X10274	Component connector (5-pin, black), Relay, compressor, air suspension



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Learn more about suspension parts on our website.