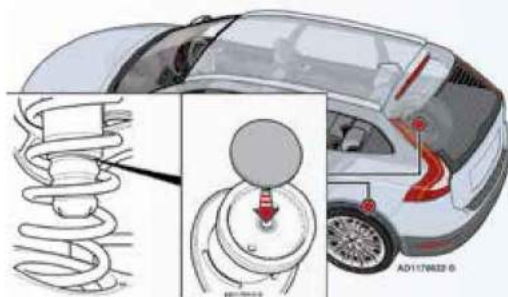


# TROUBLESHOOTER

LEADING TECHNICAL INFORMATION SUPPLIER AUTODATA SHARE FIXES TO THREE COMMON PROBLEMS FOUND IN MODERN MOTOR VEHICLES.

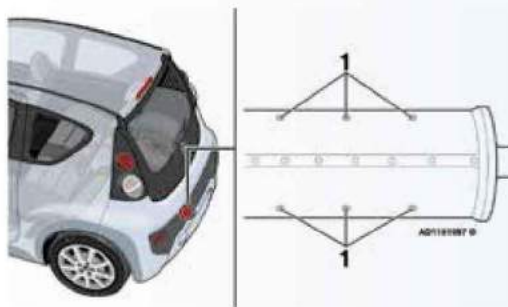


## Volvo XC60

### KNOCKING NOISE FROM REAR SUSPENSION OVER UNEVEN SURFACES

**Question:** A customer's 2011 Volvo XC60 is making a knocking noise from the rear on rough roads. We have checked all of the rear suspension components for wear but can't recreate the noise when the car is in the workshop. Have you heard of this problem before?

**Answer:** We are aware of this problem affecting several Volvo models built in 2011. The noise is caused by a loose rear suspension spring bump stop. A rubber pad is available from Volvo parts department to help secure the existing spring bump stop in place. Remove the rear suspension spring bump stop and place the rubber pad in between the spring bump stop and the suspension spring upper mounting bracket (Fig 1). Refit the spring bump stop. Repeat procedure on the opposite side. Carry out a road test to confirm the noise is no longer present.

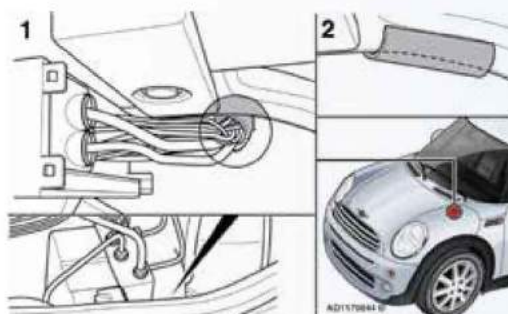


## Citroen C1 1.0

### NOISY EXHAUST WHEN ACCELERATING

**Question:** A customer is complaining that their 2005 Citroen C1 1,0 is making an abnormal noise from the exhaust when accelerating. We have heard a noise once but haven't been able to pinpoint which section of the exhaust it is coming from. Can you help?

**Answer:** The C1 from the start of production up to 05/01/06 demonstrated the symptoms you describe. The abnormal noise is due to loose baffle plates in the rear exhaust silencer resonating between 1500-2000 rpm. Check the rear exhaust silencer for 6 spot welds (Fig 1.1). If the spot welds are not present, fit a new rear exhaust silencer. Road test the vehicle to confirm the fault is no longer present.



## Mini One 1.6

### ABS WARNING LIGHT ILLUMINATED

**Question:** We are having problems diagnosing an electrical fault on a 2005 1,6 Mini One. The ABS, ASR and handbrake warning lamps come on intermittently and the speedometer and rev counter needles flicker. We have checked the fuses but my scanner won't communicate with the ABS system. Has anyone reported this problem before?

**Answer:** Yes, this problem is common on this model and is a result of the wiring harness chafing on the ABS hydraulic modulator mounting bracket. Inspect the ABS control module wiring harness (Fig 1.1) and either repair the damaged wires if appropriate or replace the wiring harness. This should cure the problem. To prevent a repeat of this problem, cut open a length of rubber tube and fix it to the ABS hydraulic modulator mounting bracket (Fig 1.2). After repair, check for ABS trouble codes and carry out repairs as necessary.