

## Air Suspension Systems on Vehicles - HSE alert

### WHAT HAPPENED

HSE have investigated several serious incidents involving air suspension systems on vehicles. The two main causes are collapse of inadequately supported vehicles and unintended rupture or release of components from the air suspension system.

### LEARNING POINTS / ACTIONS TAKEN

Undertake minimal repair work at the roadside or third-party premises. The best place to undertake such work is at an adequately equipped vehicle repair facility.

Prevent movement of air suspension, either by deflating the system or by using suitably rated props or stands to prevent the chassis lowering. Under no circumstances should air suspension be relied upon to maintain a vehicle's ride height or position whilst

people gain access to areas where they may become trapped.

Exhaust the air from the air suspension system before working on it.

Isolate the air suspension system by physical disconnection of the air supply before working on it. You should not use clamping of air suspension pipework as a means of temporary isolation as it is not secure.

Full details can be found in the additional PDF file or from the HSE website at [https://www.hse.gov.uk/safetybulletins/air-suspension-systems-on-vehicles.htm?](https://www.hse.gov.uk/safetybulletins/air-suspension-systems-on-vehicles.htm?utm_source=govdelivery&utm_medium=email&utm_campaign=air-suspension-alert-2005&utm_content=eBul-1)

[utm\\_source=govdelivery&utm\\_medium=email&utm\\_campaign=air-suspension-alert-2005&utm\\_content=eBul-1](https://www.hse.gov.uk/safetybulletins/air-suspension-systems-on-vehicles.htm?utm_source=govdelivery&utm_medium=email&utm_campaign=air-suspension-alert-2005&utm_content=eBul-1)

Safequarry users are also reminded of alert 01515 issued on 14th June 2019 concerning injuries caused by the explosion of a suspension airbag.

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LOCATION:	OTHER	ALERT STATUS:	Normal
ACTIVITY:	MAINTENANCE & HOUSEKEEPING	DATE ISSUED:	20/05/2020 15:40:42
SUB ACTIVITY:	N/A	INCIDENT No:	02557