Guidelines for Gas Strut Disposal

Revision 2

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Gas struts are highly pressurised products and can be potentially dangerous. To eliminate potential dangers gas struts and dampers should be disposed of correctly in accordance with these instructions.

Before disposal gas struts they must first be depressurised. The oil inside the strut must be drained and disposed of separately in accordance with local regulations. As a gas strut is predominantly manufactured from metal components they can be recycled.

To safely dispose of a standard compression gas strut, we recommend the following procedure;

- Using a vice or other work holding equipment ensure the gas strut is held securely without causing damage to the tube.
- Using a 2 to 3mm drill slowly bore a hole approximately 15- 20mm from the end of the plug of the gas spring tube to release the pressure.
- Due to the high internal pressure, it is possible for oil and / or metal fragments to spray out from the drilling location. Safety precautions must be observed during this process, this includes covering the drill area, wearing safety glasses, ear plugs and protective clothing.

  ⚠ Do not under any circumstances use a lathe or cut the tube before first depressurizing the gas strut. ⚠

- Once the hole has been drilled, use the piston rod to cycle the depressurized gas spring a few times with the hole over a container to capture any waste oil. This oil should be disposed of responsibly and in accordance with local waste oil regulations.
  - If necessary, the tube can now be cut through.
- A gas strut is primarily composed of metal components that can be recycled and disposed of according to local authority guidelines.
- The gas used in the manufacture of Camloc gas springs is Nitrogen which is an inert gas and is not toxic or explosive. However, it does not sustain life and there may be small oil particles suspended in the gas during the degassing process. It is therefore recommended that the gas springs are degassed in a well-ventilated room.