

## Mounting technology

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## Environmental protection

Today's environmental regulations state that connecting elements used on exhaust systems such as pipe connectors, strap clamps or tension straps, must be galvanised and must not contain Cr(VI). This substance is now prohibited as it has proved to be carcinogenic and harmful to health.

## Function



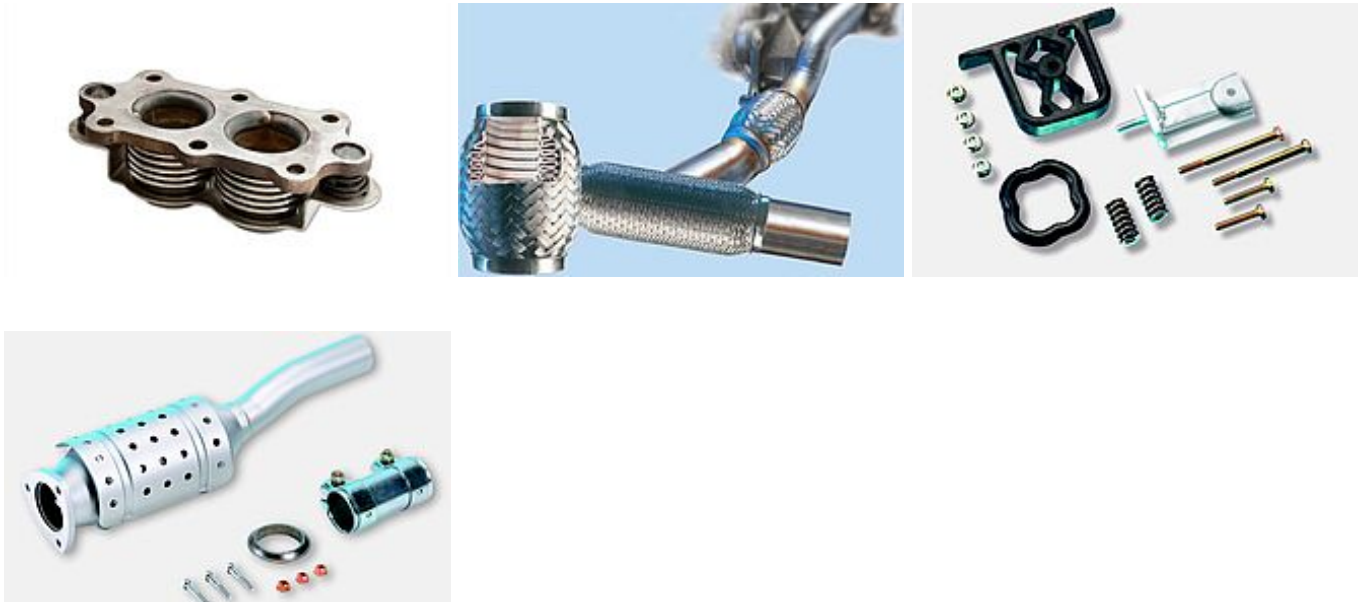
- Modern exhaust systems consist of several individual components which have been precisely coordinated. The assembly/mounting technology is designed to connect the components of the exhaust system to each other and secure the entire system to the underbody of the vehicle. The requirements in terms of assembly technology are extremely high:
- They range from a long service life,
- through high gas tightness to
- optimised vibration behaviour.

## Safety

To prevent the mounting elements of the exhaust system from rupturing, the rubber and rubber-to-metal parts are protected by the inclusion of various fabrics. These fabric straps can be made of synthetic or metallic materials. The inclusion of such materials ensures that if the rubber ruptures, the exhaust

system will be secured by the strapping. This prevents the exhaust system from breaking away from the vehicle. In practice such a fault would be noticed because of the resulting increase in noise and vibrations.

## Images



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Source: <https://www.my-cardictionary.com/dictionary/exhaust-system/mounting-technology>