

# Dæmpningsvægte på bremsekaliper | HELLA

**Generelt**Når en bil bremses, opstår der svingninger i bremsekaliprene. Disse svingninger fremkalder vibrationer, der kan medføre ubehagelig støj fra bremserne. For at dæmpe (fjerne) disse uønskede svingninger, monteres der ekstra vægte på den pågældende komponent. Disse vægte betegnes som dæmpningsvægte.**Funktion**En ekstra dæmpningsvægt på bremsekaliberen forøger den samlede masse og sænker dermed komponentens resonansfrekvens. Alt efter udformning og placering af en sådan vægt kan støjen reduceres målrettet eller helt fjernes.**Udformningen af vægklodsen** kan variere, alt efter bilfabrikant og bremsesystem.**Eksempel:**Fiat Punto bagaksel (fig.1)Opel Astra bagaksel (fig. 2)**Monteringsvejledning**Dæmpningsvægte, der er monteret af bilfabrikanten, skal ved udskiftning af en bremsekaliper overflyttes til den nye kaliper. Beskadigede dæmpningsvægte skal udskiftes, og de må aldrig afmonteres uden at blive erstattet.

When a moving vehicle brakes, oscillations occur at the brake caliper. These oscillations generate vibrations, which can lead to unpleasant breaking noises. In order to dampen (eliminate) these unwanted oscillations, additional weights are attached to the component in question. These weights are known as damper weights.



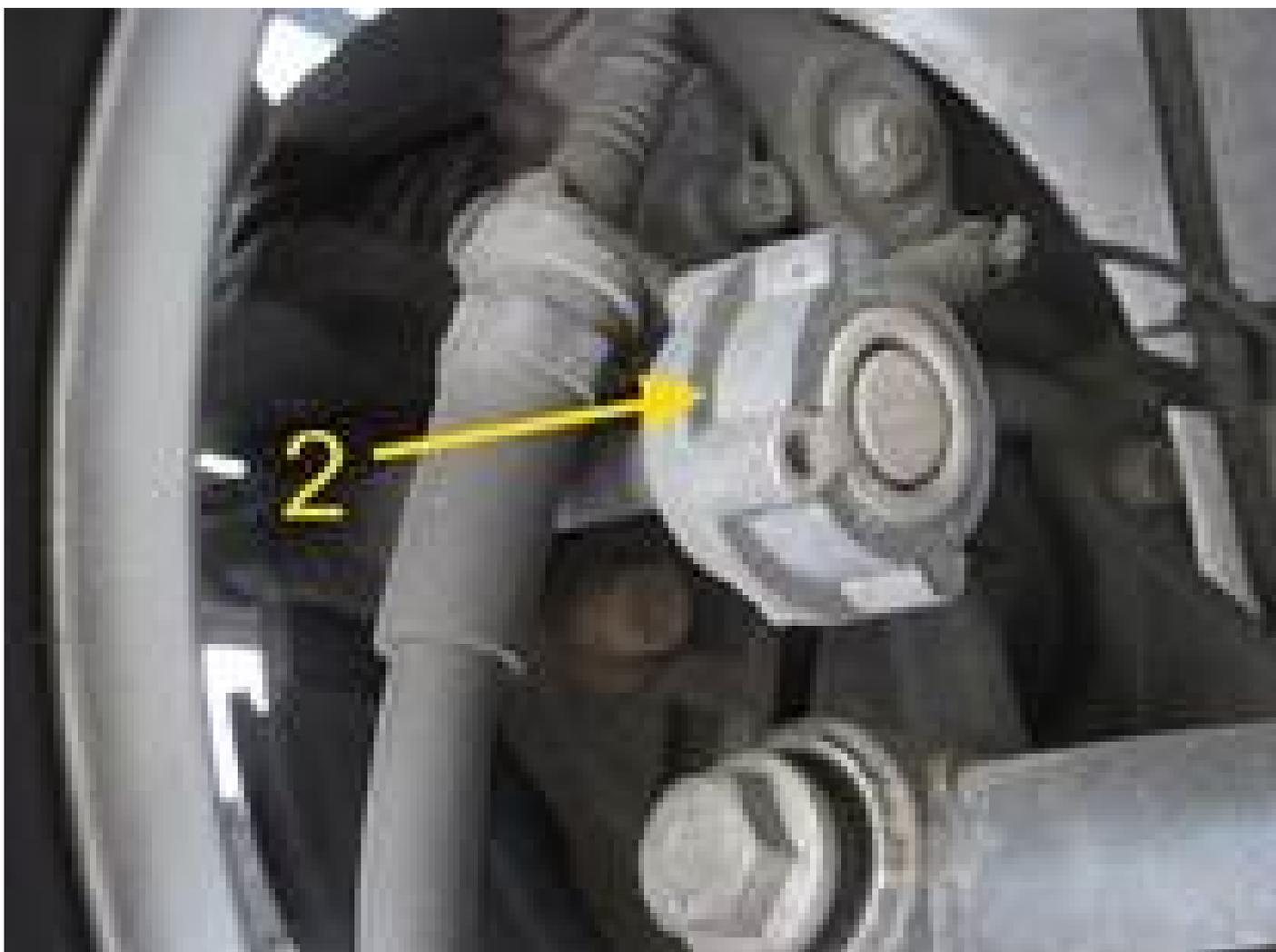
## Task

An additional damper weight mounted on the brake caliper increases the overall mass of the component, thus lowering its resonant frequency. Depending on the configuration and position of the weight, it can be used for either targeted noise reduction or complete noise elimination.

The design of the weight may vary depending on the vehicle manufacturer and the brake system.

Example:

- Fiat Punto rear axle ( Fig. 1)
- Opel Astra rear axle (Fig. 2)



## Assembly instructions

Damper weights installed in the factory by the vehicle manufacturer must be re-mounted on the new component if the brake caliper is replaced.

Damaged damper weights must be replaced, and should never be removed without subsequent replacement.

### **ⓘ Important safety note**

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