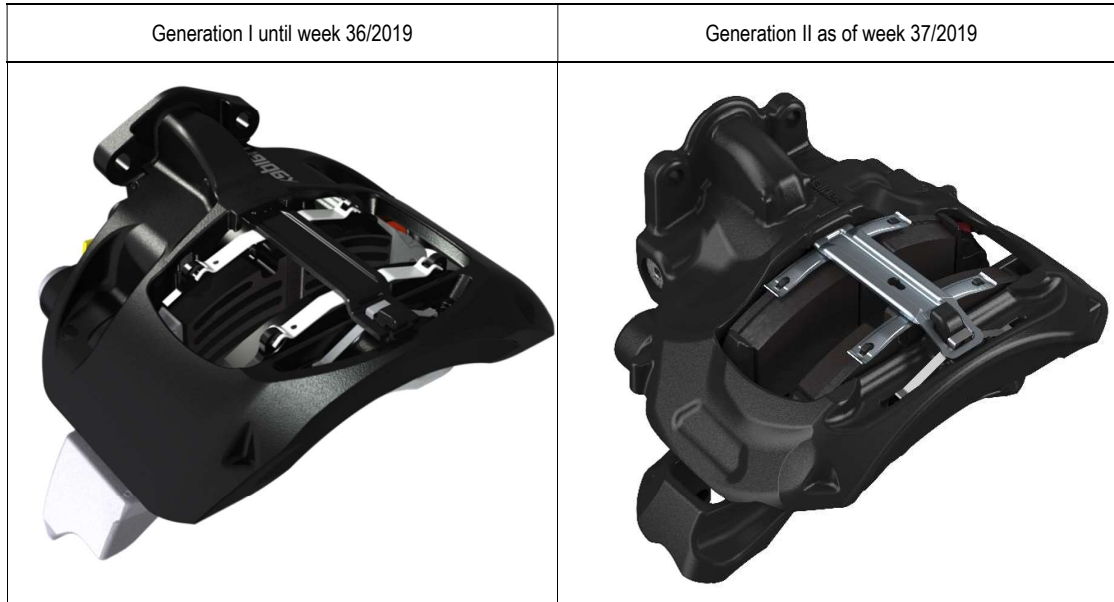


Changeover to brake calliper HALDEX DBT22LT Gen.II

Changeover as of week 37/2019

Axles that are currently equipped with the HALDEX DBT22LT brake calliper will be converted to the next generation.

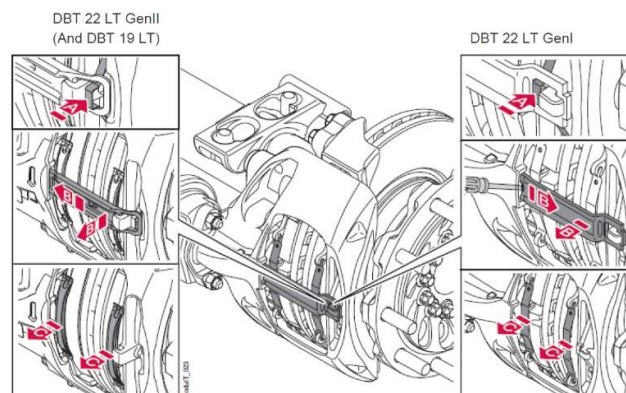


Picture source: HALDEX

What does this changeover mean?

- A payload gain of approx. 1.5 kg per brake calliper. Enabled through an optimised housing with the same stiffness of the brake calliper.
- The vehicle homologation does not need to be updated. The usual test protocol 361-073-13 remains valid
- Mixed installation of Generation I and Generation II of the HALDEX DBT22LT on one axle is permitted in the OES.
- The usual spare parts kits for brake pads DBT22LT will be adapted so that they can be installed for Generation II and Generation I. The spare parts kit for the brake pads will be supplemented with 2 Generation II pad retainer, since these are not compatible with Generation I. The figures show the differences when removing / installing the two generations:

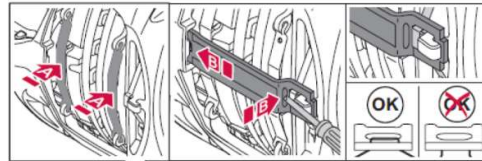
Removing:



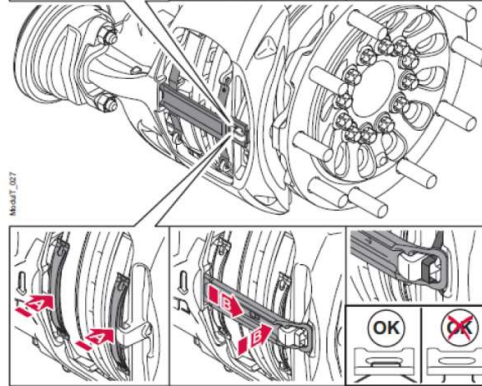
Picture source: HALDEX

Installing:

DBT 22 LT GenI



DBT 22 LT GenII
(And DBT 19 LT)



Picture source: HALDEX

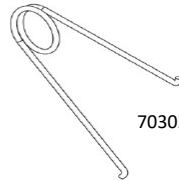
- For the usual toolbox, a supplement to the Haldex special tool with gigant item number 703021628 is available to tighten the return shaft with X-ring, in order to make it compatible with Generation II. The supplement is required because the unit is positioned slightly lower down.

Generation I



Picture source: HALDEX

Generation II

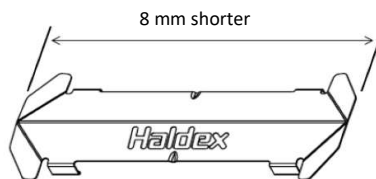


703021628

Picture source: HALDEX

Note:

The Generation II cover plate for wear detections was shortened by 8 mm and is therefore suitable for both generations.



Picture source: HALDEX

Conclusion:

A payload gain of approx. 3 kg per axle (approx. 9 kg for the three axles) with an optimised HALDEX DBT22LT brake calliper of Generation II and its advantages for easy maintenance.

Created/inspected:

Released:

2019.08.06	HU	2019.08.06	KK
Date	Signature	Date	Signature