

Guide for the Use of CONFOOT-LEGS® Struts

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Art.1 Installation of Containers on Struts

1. Before installing the struts, the air suspension of both the vehicle and the chassis must be raised to the highest position and the container's rotary locks must be opened.
2. The struts are set into the corner castings on the long side of the shipping container. They cannot be installed on the shorter side of the container.
3. The strut's height adjustment can be used to ensure the vehicle and chassis are on the same level. To do this, the height adjustment lever must first be pulled out, the height is then set by pulling the upper part of the strut up or down, then pushing the lever back in. Before using the struts, ensure the levers are locked on all four struts.
4. The strut assembly is raised to a horizontal position and positioned into the container lock holes in the four corners of the container. The strut is then rotated to a vertical position.
5. The first leg is released by removing the securing ring and pulling out the locking pin. The lower part of the strut is turned downwards and the locking pin is inserted, which is then secured with the securing ring. The second leg is turned down, locked and secured in the same way. The lower end of the strut is pulled out from the face of the container so that the magnet at the upper end retracts into the wall of the container. If the strut is installed correctly, the lower legs form an inverted letter "V".
6. The strut is installed in a similar way on each corner of the container. Extreme care must be taken to ensure that the two legs on all four struts are turned downwards, locked and secured, and that the magnet at the top of each strut is retracted into the wall of the container.
7. The struts may only be used on horizontal surfaces capable of carrying a container on the struts (maximum permissible load of 30,000 kg per set of 4 struts) with a level tolerance of up to ± 5 mm.
8. The vehicle and/or chassis air suspension is now lowered to the lowest position. After the vehicle's suspension has reached this position, it is possible for the rig to leave the container. It is important to drive away from the container in a straight line as long as the chassis is under the container.

Art.2 Removing the Container from Struts

1. Before dismantling, the air suspension of the rig and/or chassis must be lowered to the lowest position.
2. The vehicle is supported in the middle of the container on the long side so that the rotary locks on the chassis are under the holes in the bottom of the corner castings. Great care must be taken when reversing the chassis under the container. Neither the rig or the chassis must touch the struts.

3. The air suspension of the rig and chassis is raised to the highest position. The struts are now free of their load and can be removed.
4. To remove the struts, remove the securing ring of the locking pin on the first leg and pull out the pin. The lower leg is turned upwards, locked with the pin in the transport position and secured with the securing ring. The same procedure is performed for the second leg.
5. The strut is rotated to a horizontal position and pulled out of the locking hole in the corner casting of the container.
6. After removing all four struts, the container's rotary locks are fixed to the container at each of the four corners. Once the container is secured, the vehicle can leave.

Art.3 Use of Struts

1. What you need to know for the safe use of struts:
 - Unauthorised persons are not permitted near the container when installing the struts..
 - The maximum permissible load (container and load inside) for all four struts is 30,000 kg.
 - The container must be loaded in such a way that the usual requirements for loading containers (e.g. even load distribution) are met.
 - The transport of containers on struts, for example on a ship or train, is prohibited.
 - The base on which the container is left on the struts must be level and horizontal. If the ground is not horizontal, the container must be attached to the loading ramp.
 - When moving the vehicle and chassis from under the supported container, it is important to drive in a straight line until the entire rig comes out from under the container.
 - Great care must be taken when returning the vehicle under a container supported on struts. Neither the rig or the chassis must touch the struts. It will help if the whole combination is in one straight line before reversing.
 - When reversing under a container with a trailer, make sure the top of the chassis closest to the vehicle is lower than the bottom of the container.
 - Extreme care must be taken when reversing under a container supported on struts. Neither the rig or the chassis must touch the struts.
 - When driving into a container supported on struts with a forklift truck, the container must be attached to the loading ramp so that it cannot move.
 - If the struts are damaged in any way, their use is prohibited until the product is inspected by HZ KONTEJNERY, which will not be liable for damage caused by the use of defective struts.
2. A video on the use of struts is available on the website www.confoot.fi.