

# Freightliner Action Bulletin

FAB014

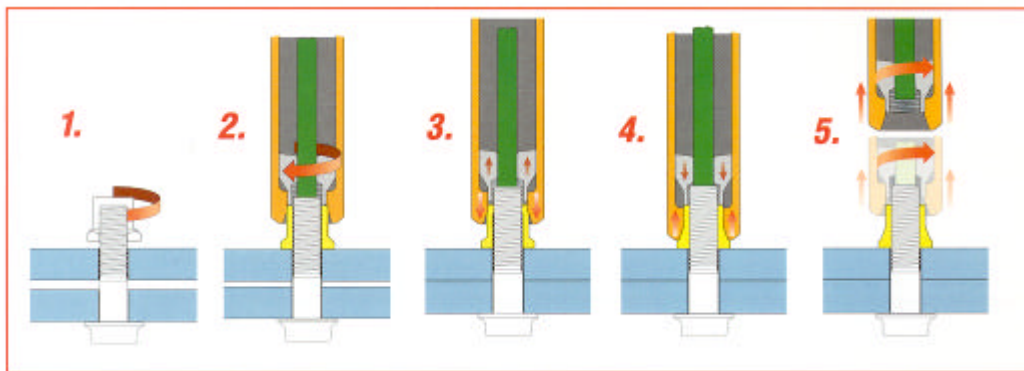
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## HUCK-Spin® Fastening System

The HUCK-Spin Grade 8 fastener uses a lock-bolt technology to provide a secure connection, without the loosening associated with common bolts and nuts. The HUCK-Spin is installed by spinning the collar onto the pin, where the pulling action of the installation tool “cold-works,” or swages, the collar into the grooves of the pin (see diagram below). Because the collar is firmly swaged into the grooves, the problem of loosening due to vibration is eliminated, resulting in a much stronger joint.

All Huck fasteners utilize a *tension-tension* process for the maximum in consistent, secure clamping. In this process, the pulling action on the fastener pin creates tension that draws the pieces together, eliminating any gap. At the same time, the pushing and swaging action of the tool anvil against the collar locks that tension into the joint as a sustained clamp. This tension-tension process is precise and repeatable.

While the major advantage of the Huck fastener is its ability to maintain a consistent clamping force without adjustment throughout its life on the vehicle, the Huck is more difficult to remove than a Grade 8 bolt. For example, many customers prefer not to Huck-Spin their fifth-wheel mounting to allow the flexibility that Grade 8 bolts permit. There are also some locations on a chassis where Huck fasteners cannot be installed because of the inability to maneuver the installation tool. In these locations, Grade 8 bolts are used.



### Benefits

- Elimination of loosening problems
- Highly sustained and consistent clamp
- Quick, visual inspection
- Eliminates the requirement to re-torque these Huck bolts at initial maintenance

### Availability

Standard on all Freightliner models, except Business Class, Cargo, and FLD SD on which they are optional

### Data Code

551-002

### Further Information

HUCK International, Inc.  
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