

All things wood and steel degrade over time without proper care.

Here are some things you should know for safe and long term operation. It's what you can't see that is most dangerous. (For example, corroded bolts through timbers or loose and worn clapper springs.)

Your bell's head bolt is what carries the full load of the bell.

This one is improperly installed and very corroded.



Vibration over time, along with old, dried and shrinking timbers, will loosen and spin off nuts, resulting in bell structure failure.



Safety Inspection and Survey

- All components are working properly
- Loose bolts or connections (head bolt, A-stands)
- Wiring not frayed or damaged by animals
- Stands or structures are secure
- Is the bell control equipment working as it should be?

Maintenance

Lubrication of all bell-ringing components:

- Clappers
- Strikers
- Bearings for swinging bells
- Chains

Control Equipment inspection (including panel box):

- Ensure all bell-ringing functions work correctly
- Check the program clock for proper time
- Remote control (if equipped) is working as expected.

Cast iron bell stands have a tendency to crack over time. This is very dangerous and requires immediate attention.



This is an example of a head bolt that deteriorated over time, but cannot be seen through the bell support beam.



Installations

- Strikers
- Clappers
- Clapper springs
- Head bolt
- A-stands
- Bell yolks
- Bell swing wheels for chain or rope swung bells
- Bell swing motors
- Correct controller for your application

At WHITE'S CLOCK AND CARILLON NORTHEAST, we care about the health and safety of all of your equipment.

For more information, please call or email us at: (315) 509-4384 or sales@whitescc.com