

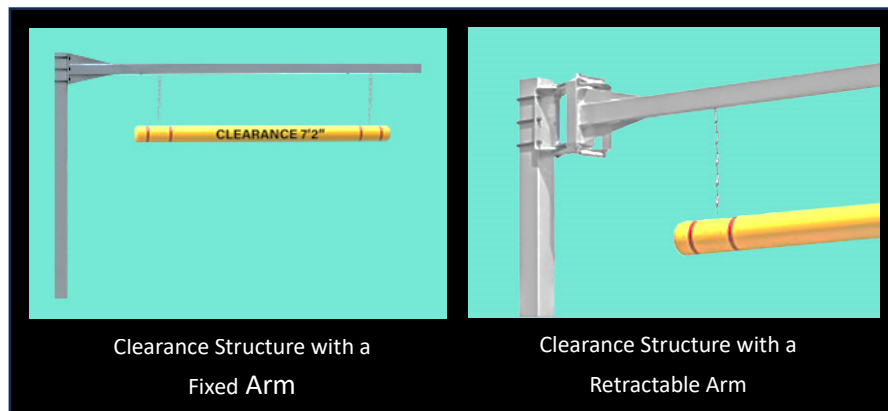
Carbon Steel Clearance Structure Frequently Asked Questions

Below you will find answers to commonly asked questions about the Carbon Steel Clearance Structure. If you need further information, just contact us at 248-855-6647.



What Is a Clearance Structure and Why Is It Important?

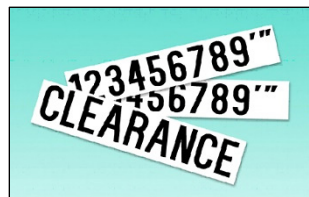
The Carbon Steel Clearance Structure is a system, either fixed or retractable, consisting of an upright post and horizontal arm designed to display the maximum allowable vehicle height in restricted height areas. Its primary purpose is to provide advance warning to drivers by alerting them ahead of time, Clearance Structures play a crucial role in preventing costly vehicle collisions and property damage.



What are the main components of the Carbon Steel Clearance Structure?

- **Clearance Structure:** Manufactured in two pieces - 10'2" high vertical post and 9'8" horizontal mounting arm that holds the Height Guard Clearance Bar in place. Available in silver, yellow, or black.
- **Height Guard Clearance Bar:** 5.0" x 80" Height Guard Clearance Bar available in a selection of bright colors, reflective tape, and a vinyl graphics kit with the word "CLEARANCE" and numbers to add the exact height measurement.
- **Attaching Hardware:** Chains and S Hooks.

Graphics Kit



Attaching Hardware

Typical Applications for the Clearance Structures

Clearance Structures are commonly found in a variety of locations where controlling vehicle height is essential for safety and property protection. These include drive-thrus, parking garages, loading docks, warehouses, and covered entryways. In these environments, Clearance Structures play a vital role in managing traffic and preventing vehicles such as commercial trucks, delivery vans, or buses from exceeding safe height limits. Their strategic placement helps reduce the risk of accidental collisions and damage to both vehicles and infrastructure.

Is the Clearance Structure adjustable for different height limits?

The horizontal beam of both the fixed arm and retractable arm versions can be set at various heights, making it effectively adjustable to suit site-specific requirements. The base can be extended to add height. Additionally, the chain kit allows the Height Guard Clearance Bar to be suspended at any desired height, enabling convenient adjustments without modifying the beam itself. This approach provides flexibility in meeting differing clearance needs.

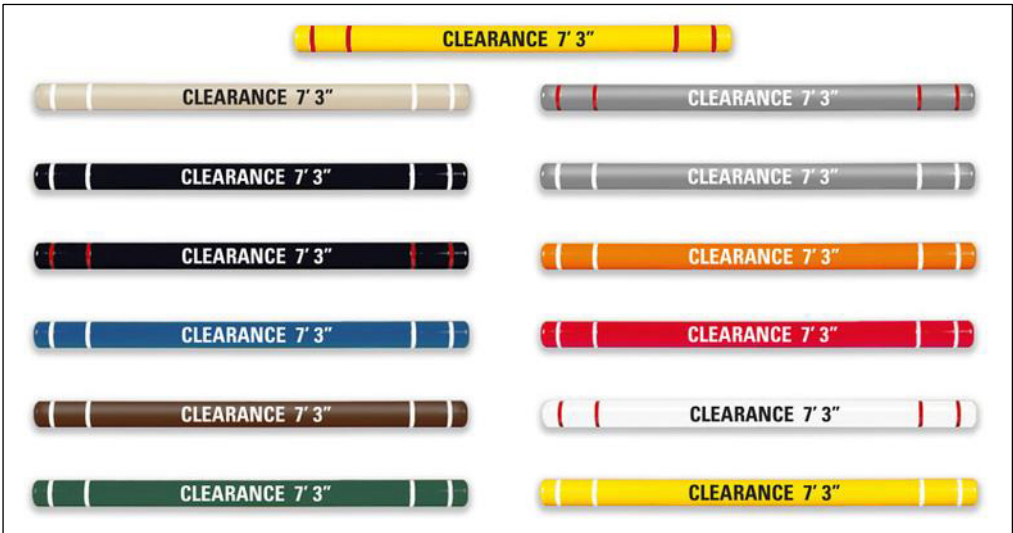


How does the Height Guard Clearance Bar work with the Clearance Structure Arm?

The Height Guard Clearance Bar is suspended from the horizontal arm of the Carbon Steel Clearance Structure. The arm serves as a secure overhead frame that establishes the designated height limit, while the Height Guard Clearance Bar provides drivers with a highly visible warning of this restriction prior to approaching the structure itself. Additionally, the Height Guard Clearance Bar is both replaceable and customizable, allowing for specific messages as required.

Is Professional Installation Required for the Carbon Steel Clearance Structures?

It is recommended that clearance structures be installed by qualified professionals, particularly when anchoring into concrete or aligning with vehicle entryways. Expert installation guarantees that the clearance height is correctly measured, securely positioned, and clearly visible to approaching drivers.



Height Guard Clearance Bar Colors

[Click Here for a diagram of the Fixed Arm Clearance Structure](#)

[Click Here for a diagram of the Retractable Arm Clearance Structure](#)