

# Brake Shoe Core Identification

## FMSI: 4515Q, 4707Q, 4701

An influx of brake shoe steel in the aftermarket has made it difficult to correctly identify 4707Q and 4515Q cores. It's imperative to properly identify these cores to receive the correct core credit.

Not all brake shoe steel manufacturers produce the 4515Q shoe with the "bump" on the rail, just as they do not stamp the "+" sign into the 4707Q. Manufacturers may include or leave the "+" off to produce the brake shoe without infringing on patents.

The key difference between the 4707Q and 4515Q is the proximity of the rivet to the rail. On the 4707Q, there is a space (approximately 5/16") between the rivet and the rail. In contrast, on the 4515Q, there is almost no space. Use the illustrations below to review the rivet locations on each shoe style.

Rockwell/ Meritor

7" High Volume Shoe

4707Q

CORE GROUP 2W 28

16 1/2"

3 3/8 in.

Drive & Trailer Axles

(D) Very similar to 4515Q - and 4515X3, but the rivets are further from the rails.

Rockwell/ Meritor

7" High Volume Shoe

4515Q

CORE GROUP 2Q 32

16 1/2"

2 1/4 in.

1 inch dia.

Drive & Trailer Axles

(D) Very similar to 4707Q - rivets are closer to the rails.

Bendix/ Eaton

7" Obsolete Shoe

4701

32

16 1/2"

2 1/4 in.

1 inch dia.

1.25 in.

Drive & Trailer Axles

(D) Very similar to 4515Q.

Brake shoe model 4701 is not remanufactured by Bendix. While similar to model 4515Q, the 4701 is not acceptable as a core in place of the 4515Q. Any 4701 cores received will be scrapped with no credit issued.

If you have questions about Shoe Core Identification for these or any other cores, email [cores@bendix.com](mailto:cores@bendix.com).

