



PATENTED rust preventative technology
GUARANTEED to prevent 'Rust Jacking'
PROVEN to reduce noise and vibration

Get the full life out of your STEMCO brake lining with B-Block!

What is B-Block?

B-Block is a patented rust preventative technology that eliminates any possibility of early deterioration of the brake shoe table. B-Block is applied to the brake shoe table in an adhesive tape form before the shoe is lined. Once the lining is riveted to the B-Block core, a cold bond is formed between the table of the shoe and the lining.

How is B-Block cured?

B-Block forms an epoxy bond and a barrier between the shoe table and the lining with the initial application of the brakes. This eliminates the gap between the two, which prevents elements such as moisture and salt from getting in between the table and lining.

How does B-Block secure the lining?

B-Block along with the riveting of the lining provides total and complete lining security and insures that the integrity of the friction is maintained. B-Block has proven to work well where braking demands are severe and stress on friction is at the greatest. In such applications, it is not uncommon for lining to react to the stress with cracking in the surface. Because B-Block secures the entire friction area, such cracks will not impair the performance or durability of the lining.

Can B-Block reduce noise?

B-Block has been proven to reduce brake noise and vibration especially in industrial applications. This benefit is a result of the bond between the lining and the table.

Is B-Block guaranteed?

STEMCO LP guarantees our new brake shoes using Rome Steel and B-Block assembled in Rome, GA against 'Rust Jacking' for the life of the original STEMCO lining. If B-Block should fail, the brake shoe assembly will be replaced at our cost.

HORIZON SP®

CREST XL®

VISTA HP®

ULTRA PEAK® BRT

ULTRA PEAK® FT



High performance friction with superior service and support. Contact us for brake training.

STEMCO
BRAKE PRODUCTS™

www.stemcobreakeproducts.com

B-Lock Part Numbers

Top Mover Reference

LINED SHOE TOP MOVER REFERENCE		
LINED SHOE W/ B-LOCK PART NO.	STANDARD LINE SHOE W/ B-LOCK PART NO.	DESCRIPTION
HORIZON® SP20 & SP23		
LS4515QSP20BL	LSS4515QSP20BL	16.5x7 MERITOR Q
LS4707QSP20BL	LSS4707QSP20BL	16.5x7 MERITOR Q+
LS4709E2SP20BL	N/A	16.5x7 EATON ES 2 ND GEN
LS4515QSP23BL	LSS4515QSP23BL	16.5x7 MERITOR Q
LS4707QSP23BL	LSS4707QSP23BL	16.5x7 MERITOR Q+
LS4709E2SP23BL	N/A	16.5x7 EATON ES 2 ND GEN
CREST XL®		
LS4515QCXLBL	LSS4515QCXLBL	16.5x7 MERITOR Q
LS4702QCXLBL	N/A	15x4 MERITOR Q+
LS4707QCXLBL	LSS4707QCXLBL	16.5x7 MERITOR Q+
LS4709E2CXLBL	N/A	16.5x7 EATON ES 2 ND GEN
VISTA HP®		
LS4515QVHPBL	LSS4515QVHPBL	16.5x7 MERITOR Q
LS4702QVHPBL	N/A	15x4 MERITOR Q+
LS4707QVHPBL	LSS4707QVHPBL	16.5x7 MERITOR Q+
LS4709E2VHPBL	N/A	16.5x7 EATON ES 2 ND GEN
ULTRA PEAK®		
LS4515QBRTBL	LSS4515QBRTBL	16.5x7 MERITOR Q
LS4702QBRTBL	N/A	15x4 MERITOR Q+
LS4707QBRTBL	LSS4707QBRTBL	16.5x7 MERITOR Q+
LS4709E2BRTBL	N/A	16.5x7 EATON ES 2 ND GEN
LS4515QFTBL	LSS4515QFTBL	16.5x7 MERITOR Q
LS4702QFTBL	N/A	15x4 MERITOR Q+
LS4707QFTBL	LSS4707QFTBL	16.5x7 MERITOR Q+
LS4709E2FTBL	N/A	16.5x7 EATON ES 2 ND GEN
WHEEL KIT TOP MOVER REFERENCE		
WHEEL KIT W/ B-LOCK PART NO.	STANDARD WHEEL KIT W/ B-LOCK PART NO.	DESCRIPTION
HORIZON® SP20 & SP23		
WK4515QSP20BL	WKS4515QSP20BL	16.5x7 MERITOR Q
WK4707QSP20BL	WKS4707QSP20BL	16.5x7 MERITOR Q+
WK4709E2SP20BL	N/A	16.5x7 EATON ES 2 ND GEN
WK4515QSP23BL	WKS4515QSP23BL	16.5x7 MERITOR Q
WK4707QSP23BL	WKS4707QSP23BL	16.5x7 MERITOR Q+
WK4709E2SP23BL	N/A	16.5x7 EATON ES 2 ND GEN
CREST XL®		
WK4515QCXLBL	WKS4515QCXLBL	16.5x7 MERITOR Q
WK4702QCXLBL	N/A	15x4 MERITOR Q+
WK4707QCXLBL	WKS4707QCXLBL	16.5x7 MERITOR Q+
WK4709E2CXLBL	N/A	16.5x7 EATON ES 2 ND GEN
VISTA HP®		
WK4515QVHPBL	WKS4515QVHPBL	16.5x7 MERITOR Q
WK4702QVHPBL	N/A	15x4 MERITOR Q+
WK4707QVHPBL	WKS4707QVHPBL	16.5x7 MERITOR Q+
WK4709E2VHPBL	N/A	16.5x7 EATON ES 2 ND GEN
ULTRA PEAK®		
WK4515QBRTBL	WKS4515QBRTBL	16.5x7 MERITOR Q
WK4702QBRTBL	N/A	15x4 MERITOR Q+
WK4707QBRTBL	WKS4707QBRTBL	16.5x7 MERITOR Q+
WK4709E2BRTBL	N/A	16.5x7 EATON ES 2 ND GEN
WK4515QFTBL	WKS4515QFTBL	16.5x7 MERITOR Q
WK4702QFTBL	N/A	15x4 MERITOR Q+
WK4707QFTBL	WKS4707QFTBL	16.5x7 MERITOR Q+
WK4709E2FTBL	N/A	16.5x7 EATON ES 2 ND GEN

Example

[A]	[B]	[C]	[D]	[E]
WKS	4515	Q	CXL	BL

[A] PREFIX

- LS** = Lined Shoe
- * **LSS** = Standard Lined Shoe
- WK** = Wheel Kit
- * **WKS** = Standard Wheel Kits
- HK** = Boxed Hardware Kit
- BHK** = Bagged Hardware Kits
- AHK** = Crated Hardware Kits

[B] FMSI

Friction Material
Standards Institute Number

[C] SHOE IDENTIFICATION

- BQ** = Bendix Q (FORD Cargo)
- DFC** = Dana Fast Change
- DP** = Dana Closed Ends
- DX** = Dexter PQ
- E** = Eaton
- EH** = Eaton High Mount
- E2** = Eaton 2nd Gen
- Q** = Q Style or Q+
- QM** = Mack Q Style High Mount
- QR** = Steer with Relocated Hole
- SF** = Standard Forge
- X3** = Fruehauf XEM3

[D] TYPE FRICTION

- SP20** = Horizon® SP20
- SP23** = Horizon® SP23
- CXL** = Crest XL®
- VHP** = Vista HP®
- VHP1** = Vista HP® 1
- BRT** = Ultra Peak® BRT
- FT20** = Ultra Peak® FT20
- FT23** = Ultra Peak® FT23
- FT** = Ultra Peak® FT

[E] B-LOCK

* Material savings shoe offers the same high quality and performance at a reduced price.