

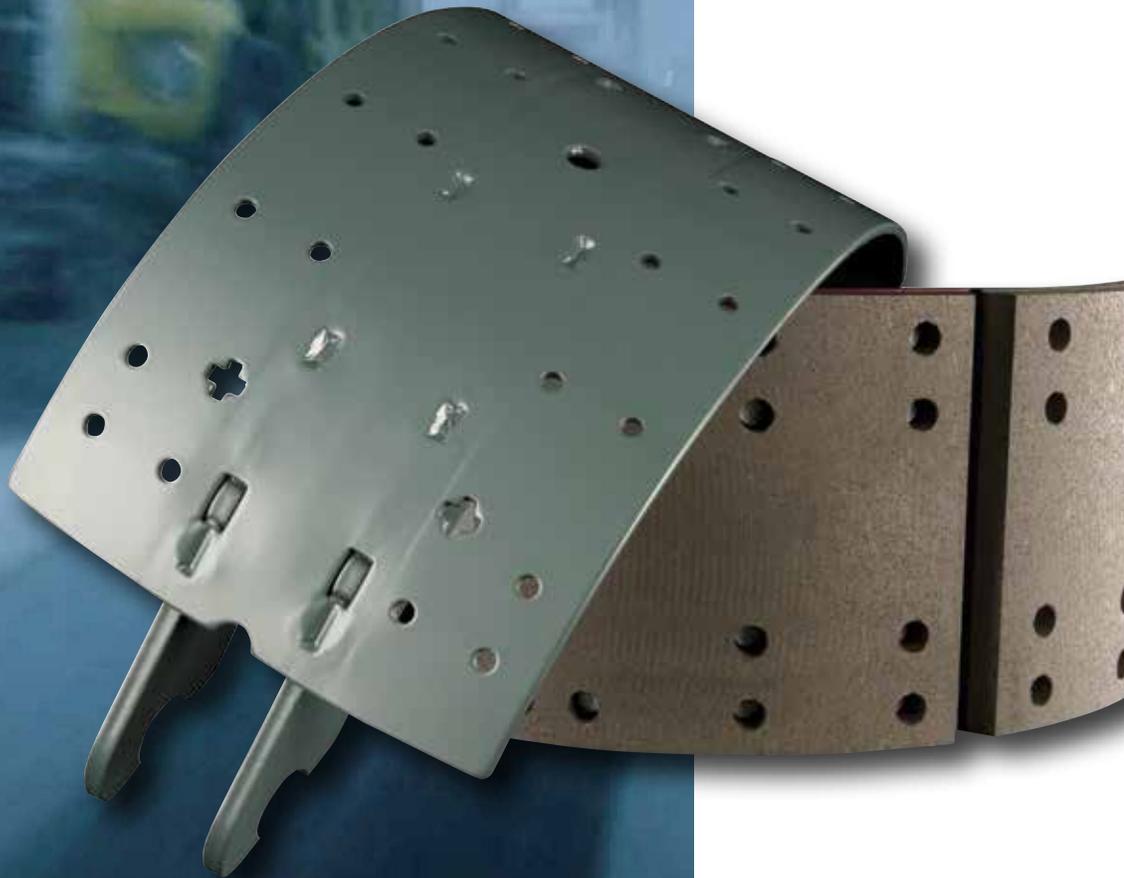
**NEW AND REMANUFACTURED BRAKE  
SHOES WITH PLATINUMSHIELD™ II  
COATING FOR THE AFTERMARKET**



**MERITOR**

 **IDEAS DRIVING RESULTS**

UNSURPASSED RESISTANCE TO  
RUST-JACKING AND CORROSION.



# THE POWER OF PLATINUM CONQUERS RUST-JACKING. AGAIN.

**“Brake-Through” Technology Solves The Industry’s Rust-Jacking Problem!**



PlatinumShield™ II coating. It’s one very big Meritor idea that results in even bigger dividends for you and the whole trucking industry.

Why? Because Meritor® new and reman brake shoes with PlatinumShield II – the second-generation brake shoe coating that features a stronger formula – provide unsurpassed resistance to rust-jacking and corrosion while extending the life of your brakes.



Today’s harsher liquid chemicals used in winter road solvents to melt ice and snow have intensified the rust-jacking that has cut short brake shoe life and added

unnecessary costs. But our PlatinumShield II, the second-generation coating of this scientific breakthrough by Meritor brake engineers, has solved the problem once and for all.

As a result, Meritor new and reman brake shoes with PlatinumShield II coating deliver everything you expect from a worldwide brake leader. Including our 3-Year/300,000-Mile warranty against rust-jacking. So, unlike the competition’s, our 3-year new and reman brake shoes actually last three full years.

Now, those are the kinds of results that every fleet wants. Again and again.

## What Is Rust-Jacking? Why Is It Such A Problem?

■ “Rust-jacking” is a field condition caused by corrosive anti-icing highway chemicals – combined with thawing and freezing moisture that penetrates the brake shoe coating and causes rust to build up on the brake shoe table.

■ As rust builds up, it pushes outward against the lining, “jacking” it up between the rivets, until the lining cracks.

■ Once the lining cracks, it is unsafe and must be replaced – cutting short the brake shoe life and denying truck operators its full value – often with a thick amount of lining remaining.

■ Rust-jacking is found most often where intense brake heat cannot dry out the shoe table. Typically, this occurs in front shoes.





Results after salt spray test.  
(Left) PlatinumShield II coating; (right) Competitor G.

## How Did Our Brake Engineers Solve This Longtime Rust-Jacking Problem?

In order to develop a real-world solution, our brake experts re-created actual road conditions. Unlike in most testing, we first took lined brake shoes and subjected them to brake applications on a dynamometer – before we subjected them to a salt spray test. In this approach, brake shoes reach the salt spray test with wear and tear that more closely approximates actual highway results.

Next, in our ASTM B-117 Salt Spray Test, brake shoes were sprayed with a bath made of modern anti-icing road solvents and salt water for 408 hours. We observed how rust forms on brake shoe tables and tested the corrosion resistance of countless paints and coatings.

Of all the brake shoes and coatings tested, we found that PlatinumShield II does the best job of protecting the shoe table by preventing micro-abrasions, so rust-jacking simply does not occur during the expected life of the brake shoe. In fact, the PlatinumShield II coating meets our list of desired criteria:

- Rates higher than 8 on the ASTM scale
- Unlike competitors' products, Meritor new and reman brake shoes with PlatinumShield II coating offer a 3-Year/300,000-Mile warranty against rust-jacking

Our proprietary PlatinumShield II coating is available on both our standard Meritor and Fras-Le® brand new and reman brake shoes.

## Want Extended Brake Life And Reduced Stopping Distances Combined?

No other brake shoes deliver protection from rust-jacking for the full brake life like Meritor new and reman brake shoes with PlatinumShield II coating. And now, no other brake shoes will deliver such a combination of stopping power and corrosive protection. Because Meritor new and reman brake shoes with PlatinumShield II coating now also feature Meritor Reduced Stopping Distance (RSD) friction materials. It's simply the best braking combination available in the aftermarket!

## Nine-Step Remanufacturing Process.

Meritor reman brake shoes with PlatinumShield II coating offer all the advantages of the proven Meritor nine-step brake shoe remanufacturing process. In our Plainfield, Ind., facility, each shoe is completely remanufactured – not rebuilt – and restored to the same high-quality performance standards as original Meritor production brake shoes.

### Step 1 – Initial Inspection

Trained technicians thoroughly inspect the core for excessive wear.



### Step 2 – Washing

Removes all grease and residue from the shoe's previous use.

### Step 3 – De-Lining

Unique high-volume de-lining process.

### Step 4 – Shot Blasting

Ensures a deep clean before moving to the next step.

### Step 5 – Coining

Re-stamps the brake shoe table to true original shape.

### Step 6 – PlatinumShield II Coating

Provides lasting protection from powerful anti-icing highway chemicals, rust and corrosion.



### Step 7 – Riveting and Relining

Top-quality Meritor brake linings, engineered to meet stringent QS-9000 quality standards, are riveted securely to the shoe table to ensure quality performance.

### Step 8 – Quality Inspection

Every Meritor remanufactured brake shoe receives a thorough inspection before being cleared for shipping.

### Step 9 – Label Approval

Only Meritor reman brake shoes with PlatinumShield II coating that pass our rigorous inspection process receive a Meritor brake shoe label.



For the total service and support you deserve, call our Customer Care Center at 888-725-9355 or visit MeritorPlatinumShield.com. In Canada, call 800-387-3889.



## IDEAS DRIVING RESULTS

As a world leader in providing aftermarket solutions for the global commercial vehicle and industrial markets, Meritor is committed to providing our customers with innovative aftermarket ideas that deliver the results you need to get the job done faster, better and more efficiently.

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Meritor Heavy Vehicle Systems, LLC  
7975 Dixie Highway  
Florence, Kentucky 41042 USA

U.S. 888-725-9355  
Canada 800-387-3889  
[MeritorPartsOnline.com](http://MeritorPartsOnline.com)  
[meritor.com](http://meritor.com)

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