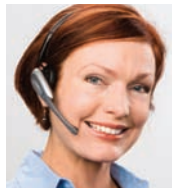


# ArvinMeritor Remanufactured Product Lineup.

ArvinMeritor is a world leader in quality remanufacturing, with nearly a quarter century of reman experience. Quality makes the difference. All of our parts are truly remanufactured – not rebuilt. ArvinMeritor reman brands include Meritor®, Euclid® and Mascot.

All of our remanufactured parts provide a lower-cost alternative with the same high engineering standards as new components. And since many parts are recycled, remanufacturing provides an environmentally responsible alternative.

## Reman Customer Service Department.



Highly trained service technicians with a complete knowledge of our reman products provide every one of our customers with a one-call solution for customer satisfaction.

We're on call 24 hours a day, 7 days a week across North America. For total service, call our Customer Care Center at 888-725-9355 or visit [XpresswayPlus.arvinmeritor.com](http://XpresswayPlus.arvinmeritor.com).



### Meritor

- Lined Brake Shoes
- Air Valves
- Air Dryers
- Air Dryer Cartridges
- Air Compressors
- Hydraulic Brake Calipers
- Lucas Wheel Cylinders
- Hydraulic Brake Boosters
  - Vacuum
  - Hydro
- Drive Axle Carriers
- Trailer Axles
- Transmissions
- Clutches

### Mascot

- All-Makes Transmissions
  - Automatic and Manual
- All-Makes Drive Axle Carriers
- All-Makes Steering Gears
- All-Makes Steering Pumps



### Euclid

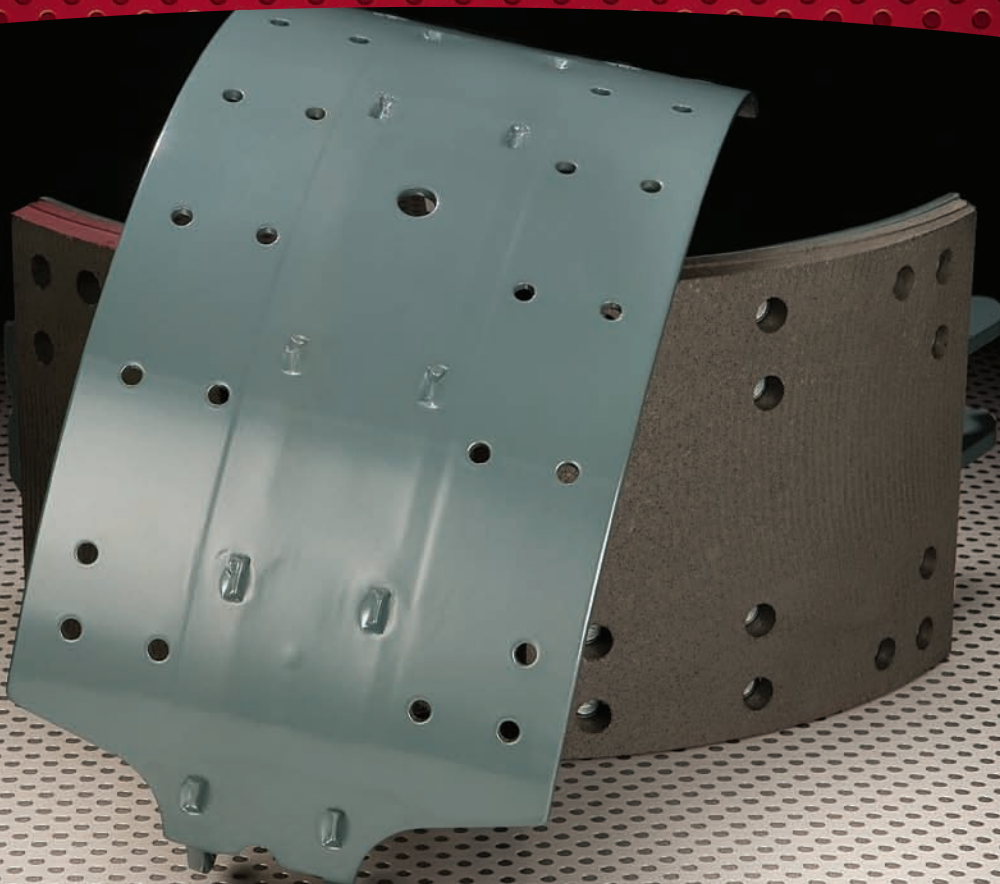
- Lined Brake Shoes
- Air Valves
- Air Dryers
- Air Dryer Cartridges
- Air Compressors
- Hydraulic Brake Calipers
- Lucas Wheel Cylinders
- Hydraulic Brake Boosters
  - Vacuum
  - Hydro



## PUT THE BRAKES ON RUST-JACKING WITH



## REMANUFACTURED BRAKE SHOES WITH PLATINUMSHIELD™ COATING

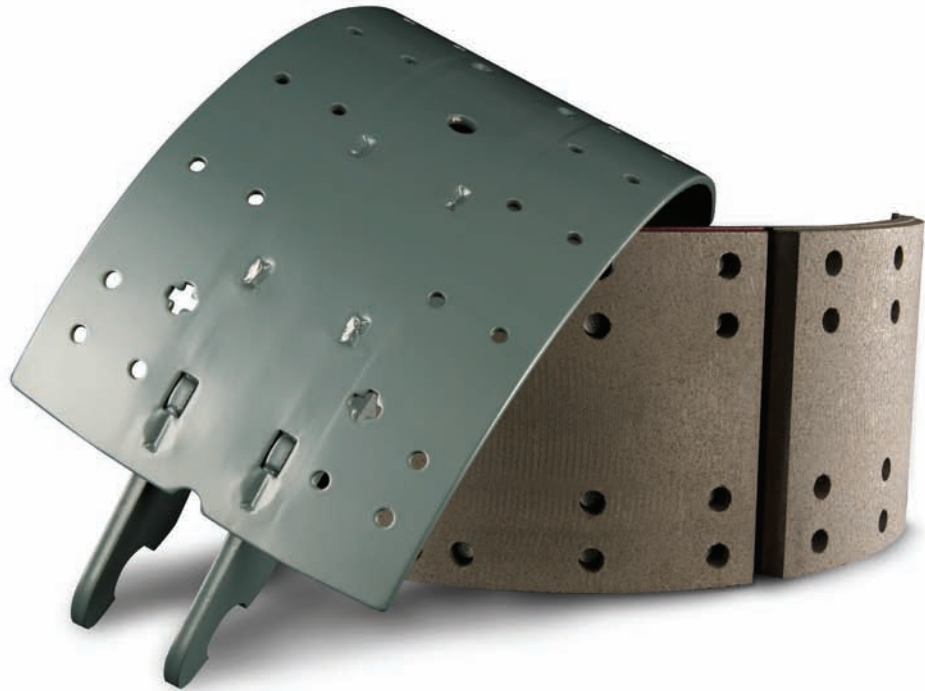


**ArvinMeritor**  
Meritor Heavy Vehicle Systems, LLC  
7975 Dixie Highway  
Florence, KY 41042 USA  
888-725-9355  
[MeritorPlatinumShield.com](http://MeritorPlatinumShield.com)  
[XpresswayPlus.arvinmeritor.com](http://XpresswayPlus.arvinmeritor.com)  
[www.arvinmeritor.com](http://www.arvinmeritor.com)

Litho in USA  
Issued 1-09  
SP-0973 (13028/11900)  
©2009 ArvinMeritor, Inc.



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



## Meritor® Reman Brake Shoes With PlatinumShield™ Coating Extend The Life Of Your Brakes.

Rust-jacking, caused by corrosive anti-icing road chemicals, has cut short brake shoe life and added unnecessary costs. Now a scientific breakthrough by ArvinMeritor brake engineers has solved the problem once and for all. The result is PlatinumShield coating technology that resists rust-jacking and provides extended brake shoe life – and lasting value – for customers.



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

### 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.

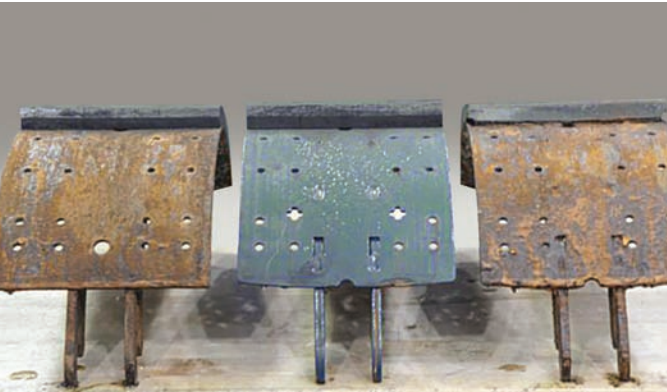


# PlatinumShield Coating Performance Comparison.

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

In order to develop a real-world solution, our brake engineers recreated actual road conditions. Unlike 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 saltwater for 408 hours. We observed how rust forms on brake shoe tables and tested the corrosion resistance of countless paints and coatings.



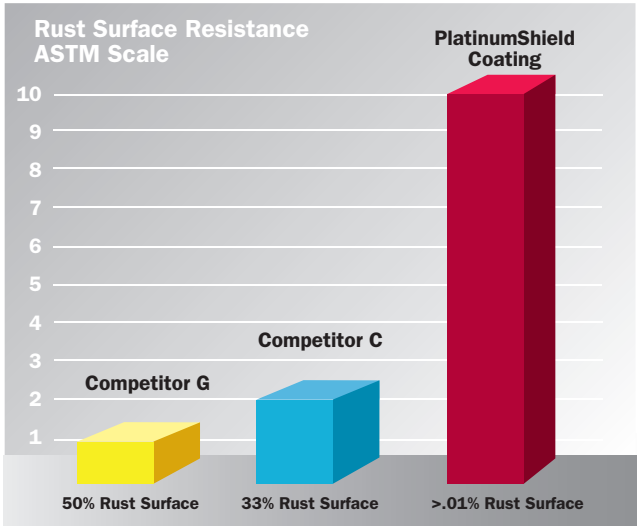
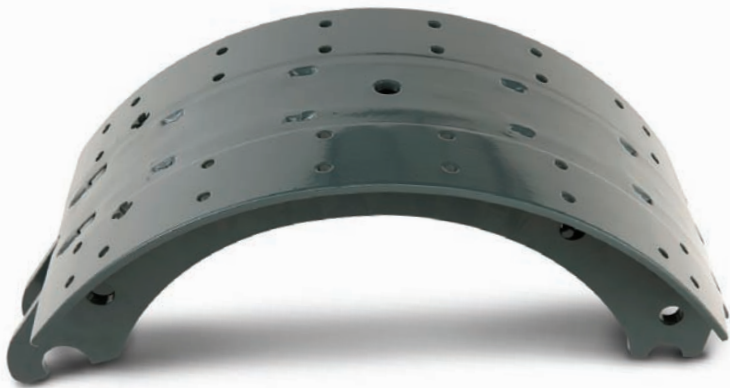
Results after salt spray test.  
(Left) Competitor C, (center) PlatinumShield coating, (right) Competitor G.

Of all the brakes shoes and coatings tested, we found that our PlatinumShield coating 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 coating meets our list of desired criteria:

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

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



\*Tested by ArvinMeritor Engineering under the guidelines of the American Society for Testing and Materials (ASTM).

# ArvinMeritor Nine-Step Brake Shoe Remanufacturing Process.

Meritor reman brake shoes with PlatinumShield coating offer all the advantages of the proven ArvinMeritor nine-step brake shoe remanufacturing process. In our Plainfield, Indiana, 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 Coating

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



### Step 7 – Riveting and Re-Lining

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 coating that pass our rigorous inspection process receive a Meritor brake shoe label.



## Meritor Reman Brake Shoes With PlatinumShield Coating Are Fully Warranted!

- They're completely backed by a 3-Year/300,000-Mile warranty against rust-jacking.
- Unlike competitive brands, our PlatinumShield coating ensures that you receive the full life of your brake shoes.

### Ready For Extended Brake Life?

No other reman brake shoe delivers protection from rust-jacking for the full brake life like Meritor reman brake shoes with PlatinumShield coating.

Once again, the brake engineers at ArvinMeritor deliver breakthrough technology – and value – for you and your business!

For all the latest PlatinumShield coating information, test data, product news, photos and FAQs, check out our special MeritorPlatinumShield.com microsite. Or call our customer service team direct at 888-725-9355.