

INNOVATORS IN SEAL TECHNOLOGY



“Bigfoot™ Top Cover Seal”

(Replaces Tri-Seal and all previous generations)

Field mechanics have always played a critical role in product advancement at MPRCseals.com, bringing added value with their ability to relay firsthand what works well in the field, and what does not. MPRC noted the mechanical temperatures, pressure, and vacuum expectations that a newly designed Top Cover seal must exceed.

As continual leaders in design and innovation, and through extensive research, design, and testing came an innovative sealing solution for the marine, rail, and power generation market: **The “Bigfoot™ Seal” from MPRCseals.com**

Composed of a silicone extrusion, the Bigfoot™ Seal sits higher than previous seals made for the upper deck covers & is formulated to withstand temperatures up to 450°F. The Bigfoot™ Seal is easier to install into the groove with an improved design profile that saves on both maintenance labor and unwanted downtime.

Master Packing & Rubber Company has developed the Bigfoot™ Seal to have a greater sealing surface than that of the competitor. Its unique profile is designed to take the pressure of the head frame clamps without “squirm” around the corners, insuring a tighter seal and improved sealing performance. This innovative design has been proven to not only maintain oil splash within the engine, but also improve engine vacuum.

MPRCseals.com knows that equipment fails over time, and when it comes to leaks, everyone has them. The last thing you need however is a locomotive coming in for repairs due to a premature failure of seals and gaskets. You need quality seals and gaskets that will perform to expectations and provide longer service life. You need the Bigfoot™ Seal from MPRCseals.com - *An innovative sealing solution for premium sealing performance.*

Call us at 800-397-3429 for your quote today! Be sure to view the back page of this flyer for specific installation instructions for the MPRCseals.com Bigfoot™ Seal, and check out the following video for more product info and step by step installation:

https://youtu.be/S_rMqCl0FSE

MASTER PACKING & RUBBER COMPANY

An ISO 9001:2015 Certified Company



6430 4th Street SW • Cedar Rapids, Iowa 52404

Phone: (319) 364-8282 • Toll Free: (800) 397-3429 • Fax: (319) 364-8266

On the Web @ www.MPRCseals.com



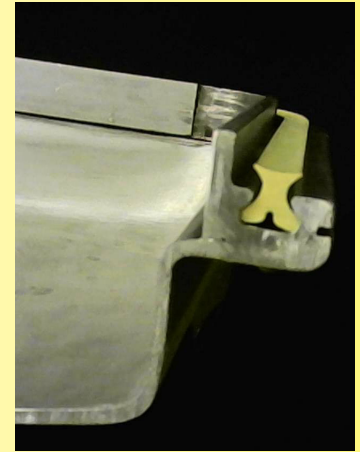
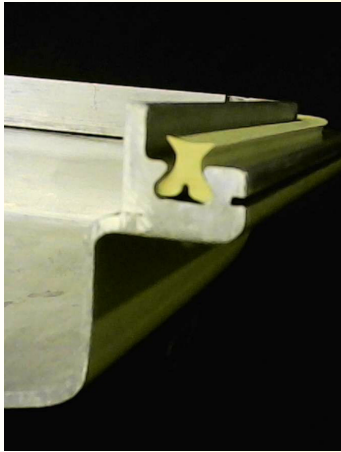
INNOVATORS IN SEAL TECHNOLOGY

Our new Bigfoot™ Seal™ is available for all 8, 12, 16, and 20 cylinder engines equipped with ROUND CORNER COVERS.

The OEM part numbers listed for those engines are:

<u>OEM P/N</u>	<u>DESCRIPTION/SIZE</u>	<u>MPRC Replacement P/N</u>
9087073	8 & 16 Cylinder	0-EM9087073-CG0
9087074	12 Cylinder	0-EM9087074-CG0
9087072	20 Cylinder	0-EM9087072-CG0

This extrusion is also available in 250 L/Ft lengths, and offers a savings to those rebuilding multiple engines that prefer to cut to desired/specified length.
EMD® is a registered trademark of Electro-Motive Diesel, Inc.



“Bigfoot™ Top Cover Seal”

Bigfoot™ Top Cover Seal Installation Instructions:

1. Top Cover Seals are cut to the required cover length from the factory. The whole seal will fit into the covers seal's retaining groove.
2. Make sure the groove in cover is clean and free of nicks and burrs, which could cause seal damage.
3. Beginning halfway between the two center hinges, press approximately 1 inch of seal into the groove with the tapered end of the wood tool provided in the seal kit.

Note: Seal is coated with a special lubricant to prevent sticking. Do not wipe off or apply any other lubricant. If needed, water based soap is suggested as it will seal better to metal surfaces with friction. (This is the same sealing principal as a tire bead on a wheel.) **Remember: FRICTION is our friend here!**

MPRC does NOT recommend using any of the following products/items: Oil, RTV Silicone, and WD-40.

4. Firmly holding the installed 1” section of seal, press in approximately 1 foot of the seal with the tapered end of the tool. Frequently check the seals positioning in the groove.
5. When seal is installed, it is stretched beyond its normal length. After each foot of seal is installed, use the tapered end of the tool and work the seal back into its natural shape.
6. Repeat the foot by foot installation method until the entire seal is installed.
7. If a length of seal remains when entire seal is installed, do not cut it off. Work the seal with the wood tool until all of the seal is in the groove.

MASTER PACKING & RUBBER COMPANY

An ISO 9001:2015 Certified Company



6430 4th Street SW • Cedar Rapids, Iowa 52404

Phone: (319) 364-8282 • Toll Free: (800) 397-3429 • Fax: (319) 364-8266
On the Web @ www.MPRCseals.com

