

WARNING: FAILURE TO FOLLOW INSTALLATION AND HITCH-UP INSTRUCTIONS MAY CAUSE PROPERTY LOSS, SERIOUS INJURY, OR DEATH!

CAUTION: Under no circumstances do we recommend exceeding the towing vehicle manufacturers recommended vehicle towing capacity, Or the lowest rated component of your system.

READ ALL INSTRUCTIONS BEFORE STARTING THE INSTALLATION OR USE

Equipment Required:

Wrenches: M24
Pliers
Torque wrench

VEHICLE FORWARD

M5 5th Wheel Head
(Sold Separately)

M5 Center
Section (Sold
Separately)

Center Bolt Hole
(Not Used In 20K
Application)

#	Description	QTY.
1	M5 RAM Leg (Left Hand)	1
2	M5 RAM Leg (Right Hand)	1
3	Bolt-M16 x 2 x 40mm CL10.9	4
4	Washer – 5/8” Conical	4
5	Handle T-Pin Locking	4
6	Lynch Pin Handle Lock	4
7	Castle Nut RAM Leg	4
8	Cotter Pin, M5 RAM Leg	8
9	Front T-Pin RAM Leg	2
10	Rear T-Pin RAM Leg	2
11	T-Bushing RAM Leg	4

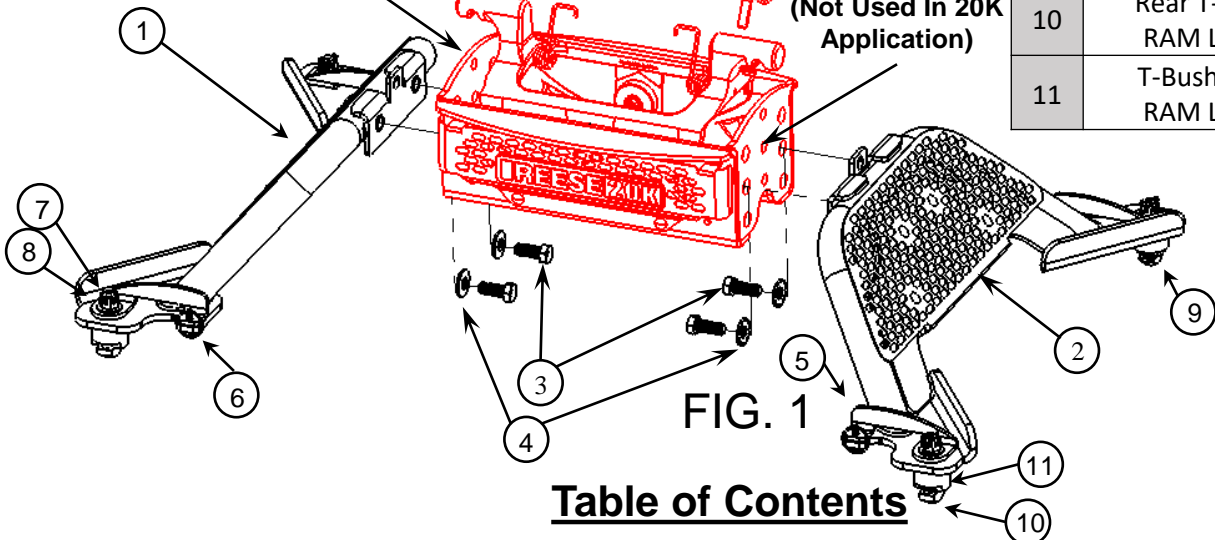


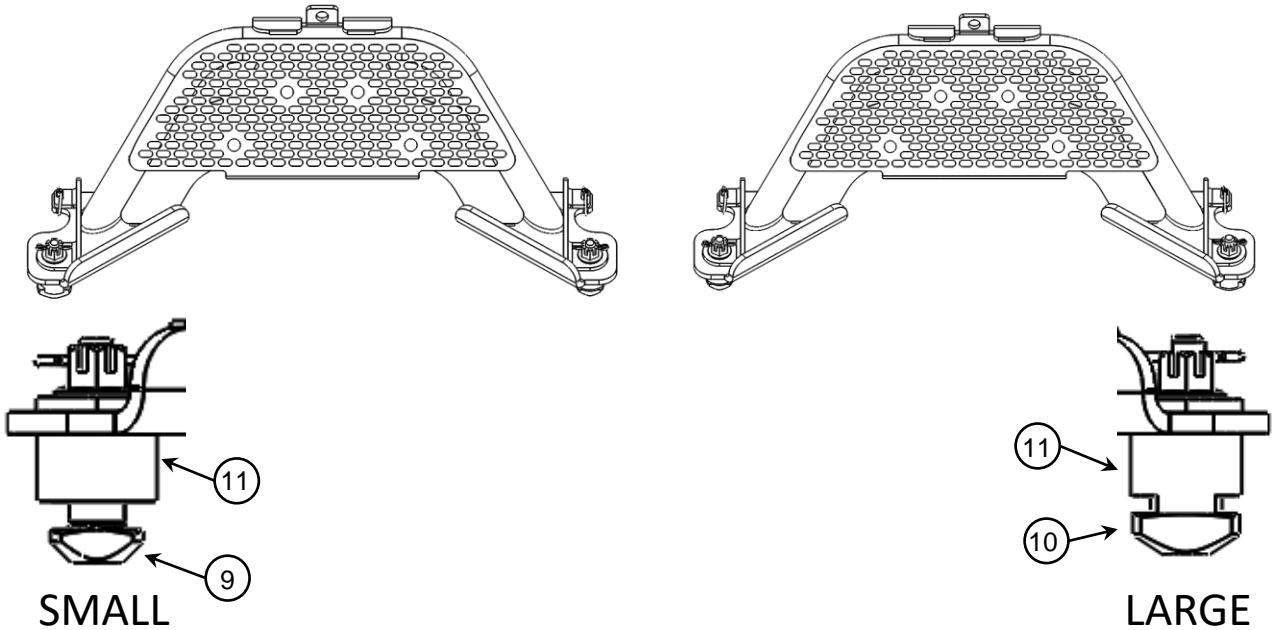
FIG. 1

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ASSEMBLY AND INSTALLATION

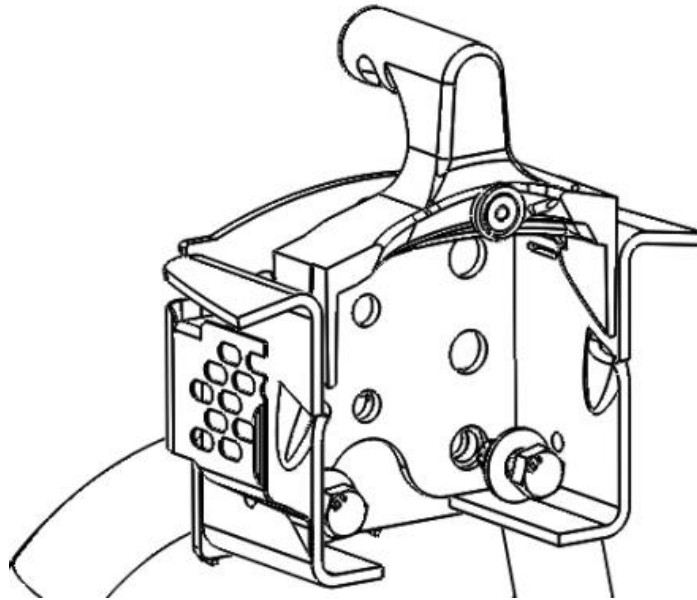
1. The M5 RAM Legs comes ready to install. **NOTE: There is a Left and Right hand leg!**



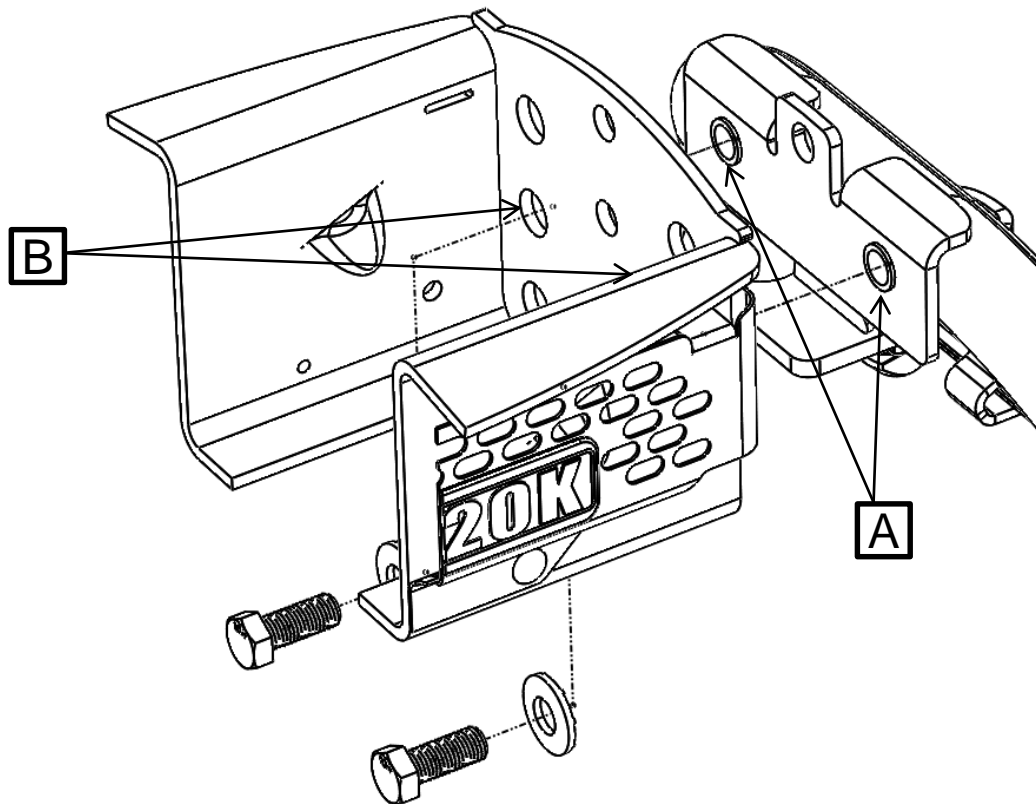
2. Each leg should have one large and one small T-Pin/T-Bushing as shown above. With the small T-Pin/T-Bushing being the front mounting location and the large T-Pin/T-Bushing being for the rear. Be sure to place the legs correctly onto the center box, with the small T-Pin/T-Bushing in the front on both sides!

ASSEMBLY AND INSTALLATION

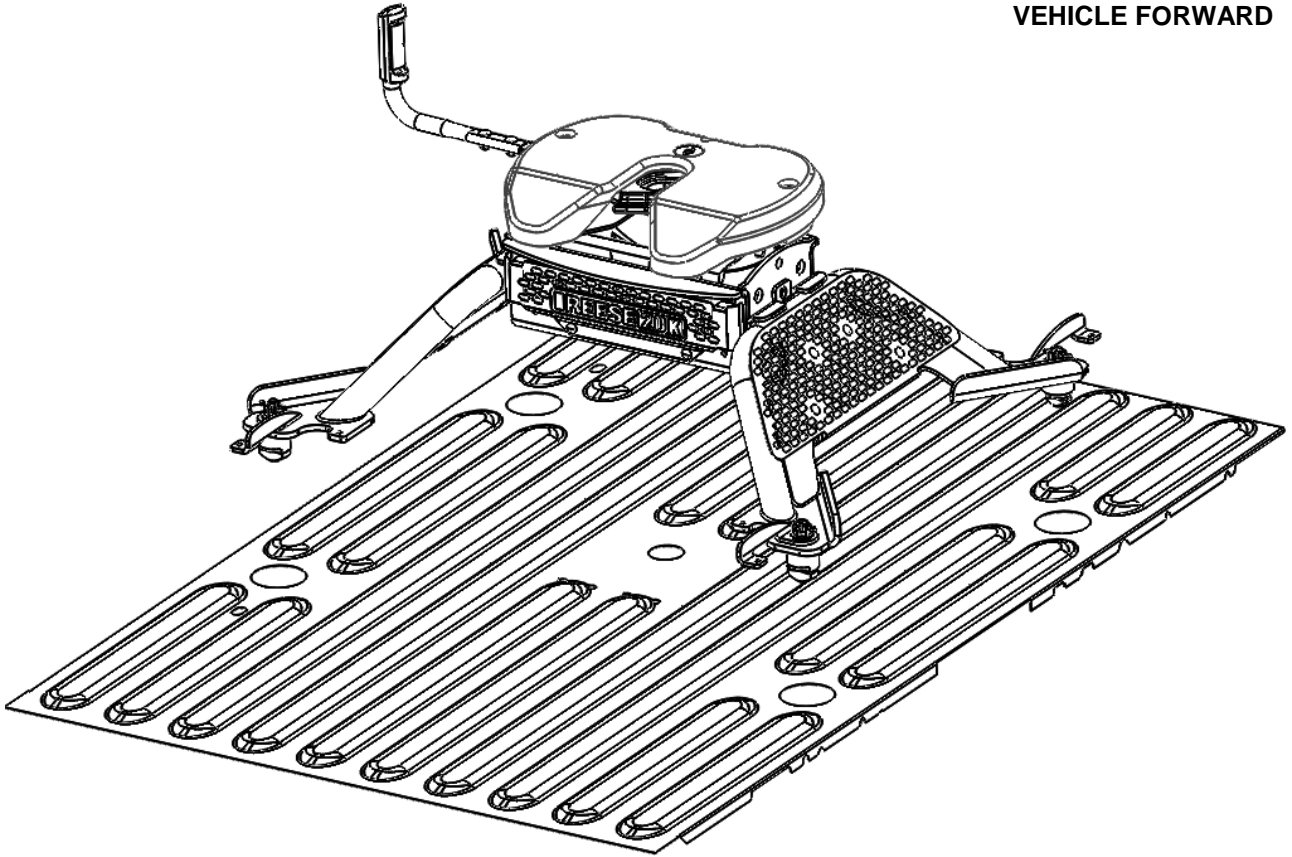
3. Determine which center section mounting holes to use to ensure a minimum of 6" clearance between the truck bed rail and the bottom of the trailer. (For more detail, please refer to the GUIDELINES FOR MATCHING HITCH, TRUCK, AND TRAILER section located in the head and center section instruction sheet.) Legs should be attached at same height on both sides of unit. This unit has 4" of vertical adjustment.
4. Using the (4) M16x2x40 mm Hex Head Bolts and conical washers, attach the legs to the center section structure, threading the bolts from the inside of the center section into the threaded portion of the legs. Finger tighten bolts initially until final adjustments are made.



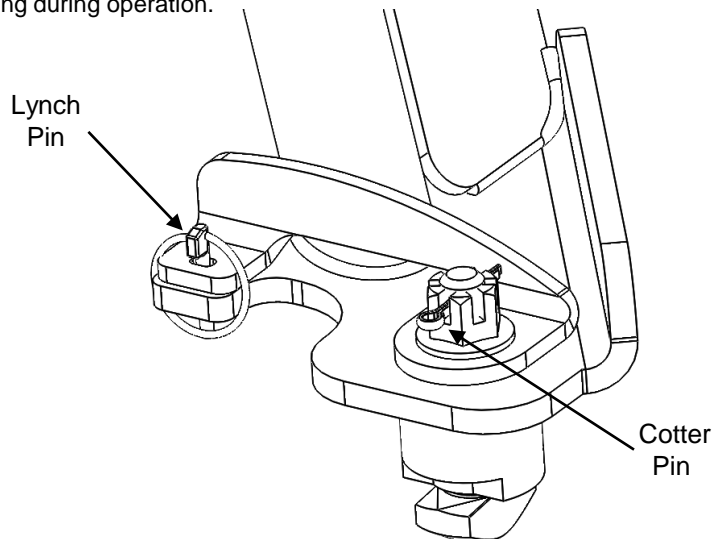
5. **NOTE:** During assembly of M5 ISR Leg to Center Section, make sure that the collars on the leg (**A**) are completely seated in the corresponding holes in the center section (**B**).



6. Remove the (4) lynch pins and position legs over pucks with handles in **OPEN** position as shown.


VEHICLE FORWARD

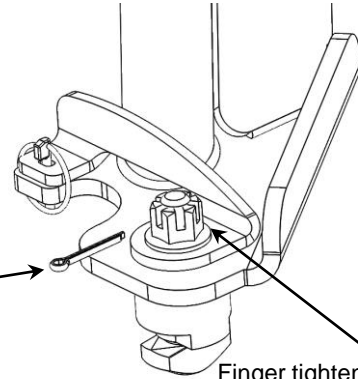
7. Once unit has been placed in pucks, rotate handles back to **CLOSED** position and insert the lynch pins back into the leg to prevent handles from opening during operation.



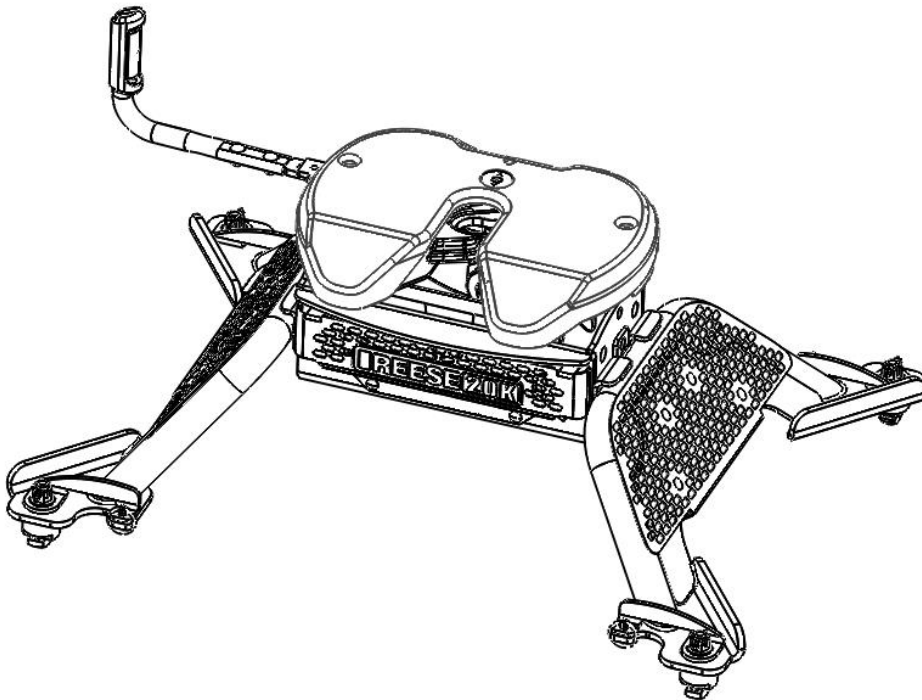
8. Due to variations in truck underbeds, it is normal for some handles to be loose and other handles to be too tight to lock. If a handle appears to loose and rattles or cannot be closed fully, remove the cotter pin and adjust castle nut by hand to a position where handle does not rattle or is able to close.



(Do not install cotter pin until final adjustments are made)



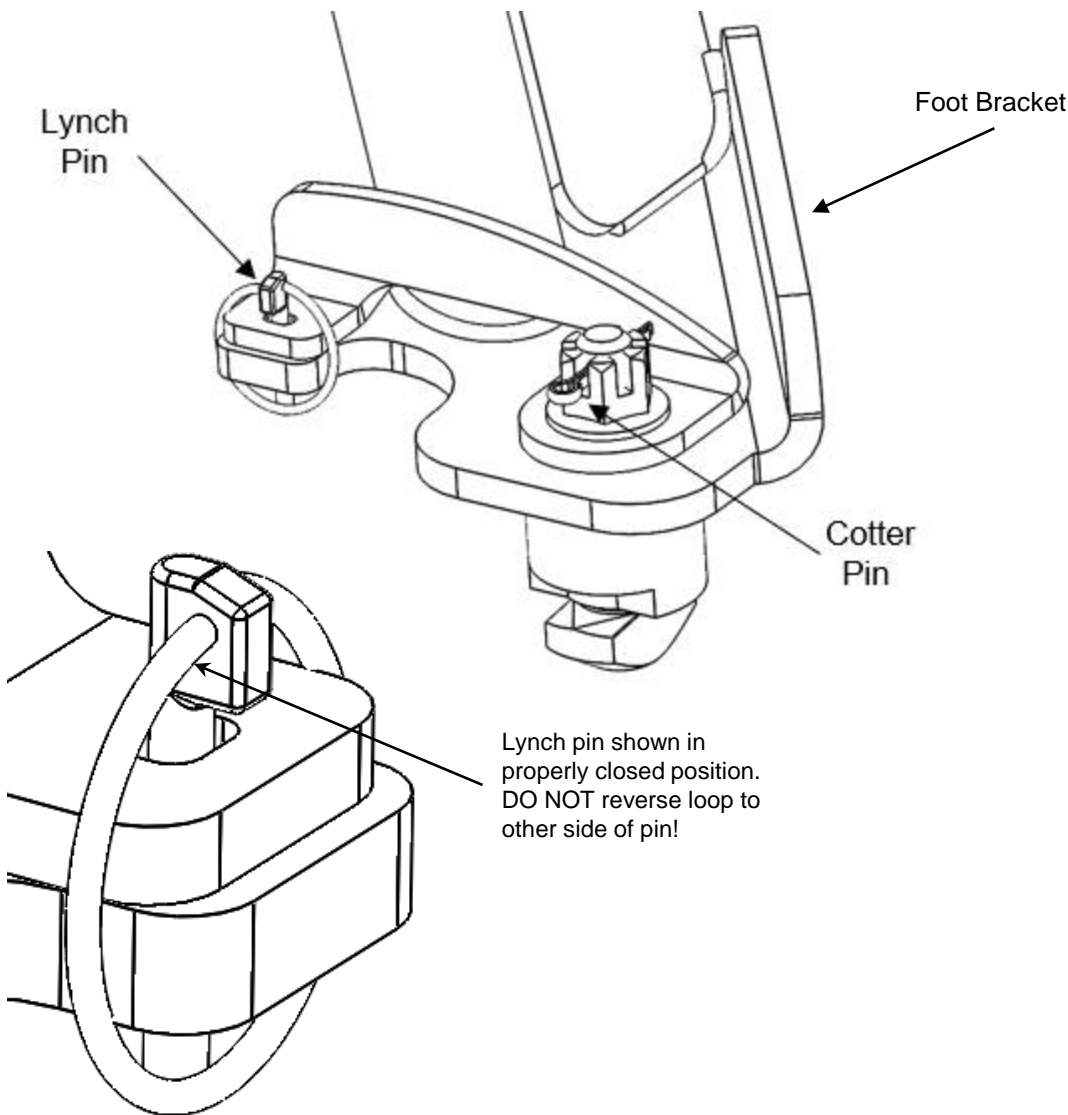
9. Once handle adjustment is satisfactory, re-insert cotter pin and bend end with pliers to hold in place. Additional cotter pins are provided in the hardware kit for your convenience.
10. With Ford Leg T-Pin handles locked and T-Pins securely held in underbed structure, tighten each M16 center section hex-head bolt to 220 ft-lb of torque.
11. Verify that hitch is tight to truck bed by lifting each side of the hitch.
12. Assemble head to center section per instructions included with M5 Center Section and Head.



MAINTENANCE

In order to maintain performance over the life of the product:

1. Before any trip, verify that cotter pins, foot bracket and castle nut are undamaged and securely locked. Additionally ensure that the lynch pins are also securely locked in place, with little to no vertical play. The image below shows the proper orientation of the lynch pin in relation to the foot.
2. Every 1,000 miles, check the M16 hex bolts that connect center section to legs to insure that they are still torqued to 220 ft-lb of torque.
3. For general maintenance of the entire 5th wheel hitch assembly, please refer to the M5 head and center section instruction sheet.





**FOR INSTALLATION WITH M5
HEAD AND CENTER SECTION**

Product Instructions

M5 RAM LEGS

Part Number:

30917

LIMITED LIFETIME WARRANTY

Horizon Global Corporation. ("We" or "Us") warrants to the original consumer purchaser only ("You") that the product will be free from material defects in both material and workmanship, ordinary wear and tear expected; provided that installation and use of the product is in accordance with product instructions. There are no other warranties, express or implied, including the warranty of merchantability or fitness for a particular purpose. This warranty is not transferable.

This warranty does not cover: (a) normal wear and tear; (b) damage through abuse, neglect, misuse, or as a result of any accident or in any other manner; (c) damage from misapplication, overloading, or improper installation; (d) improper maintenance and repair; and (e) product alteration in any manner by anyone other than Us, with the sole exception of alterations made pursuant to product instructions and in a workmanlike manner.

To make a Warranty claim, contact Us, at our principal address of 47912 Halyard Dr. Suite 100, Plymouth, MI 48170, 1-800-632-3290, identify the product by model number, and follow the claim instructions that will be provided. Any returned product that is replaced by Us becomes our property. You will be responsible for return shipping costs. Please retain your purchase receipt to verify date of purchase and that You are the original consumer purchaser. The product and the purchase receipt must be provided to Us in order to process Your Warranty claim.

Product replacement is Your sole remedy under this Warranty. We shall not be liable for service or labor charges incurred in removing or replacing a product or any incidental or consequential damages of any kind.

You acknowledge and agree that any use of the product for any purpose other than the specified use(s) stated in the product instructions is at Your own risk.

This Warranty gives you specific legal rights, and You may also have other rights which vary from state to state. This Warranty is governed by the laws of the State of Michigan, without regard to rules pertaining to conflicts of law. The state courts located in Oakland County, Michigan shall have exclusive jurisdiction for any disputes relating to this warranty.

**For the most up to date product
instructions, installation and use
information please scan the QR
code or call
1-800-632-3290**



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