

FOR INSTALLATION  
WITH M5 MOUNTING LEGS  
& CENTER SECTION

**WARNING:** Under no circumstances do we recommend exceeding the towing vehicle manufacturers recommended vehicle towing capacity.

## READ ALL INSTRUCTIONS BEFORE STARTING THE INSTALLATION

### Equipment Required:

Wrenches: M13

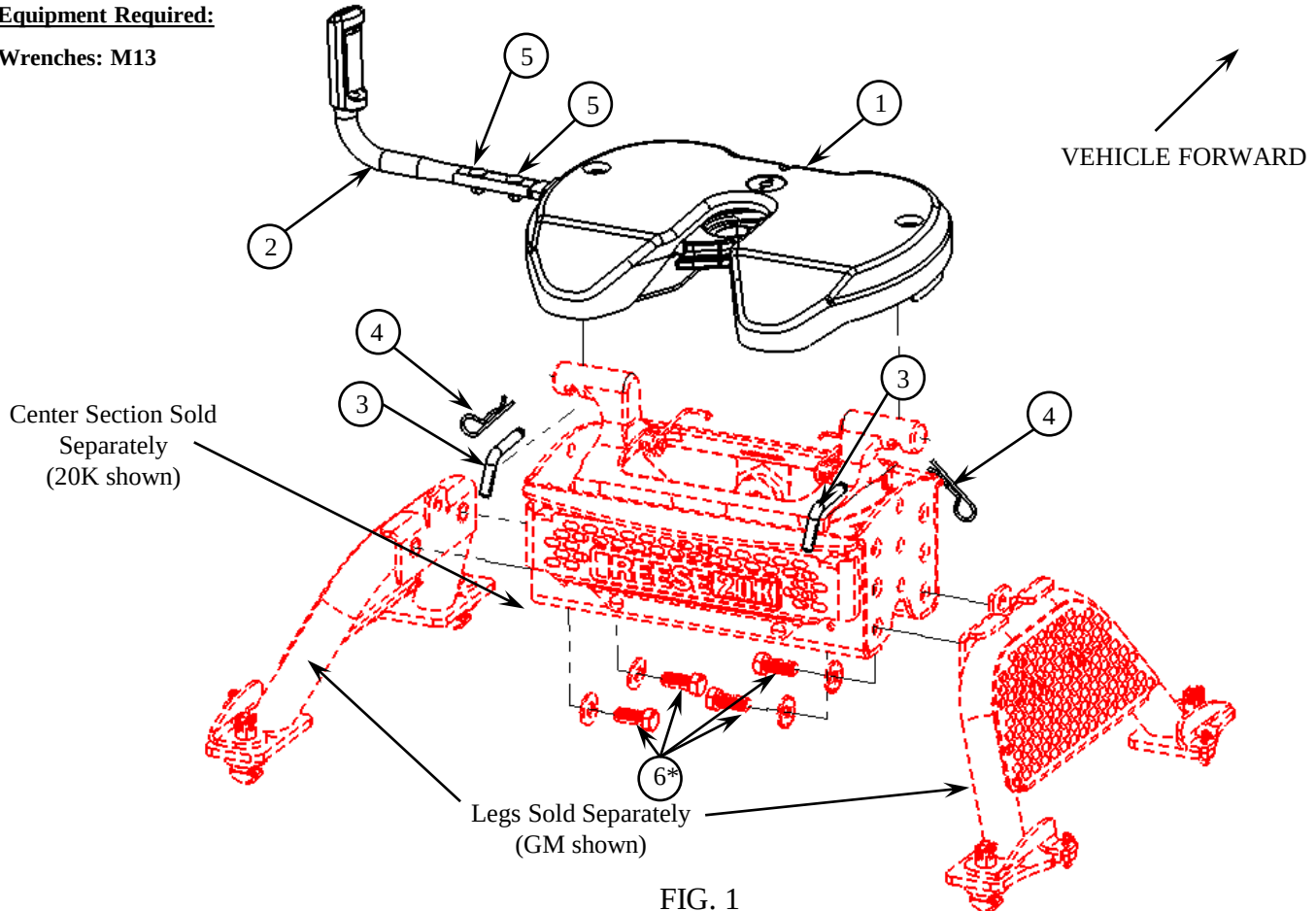


FIG. 1

Fasteners shown with (\*) are supplied with leg unit.

| #  | Description          | Qty. | #  | Description      | Qty. | #  | Description    | Qty. |
|----|----------------------|------|----|------------------|------|----|----------------|------|
| 1  | Assembly – Head Unit | 1    | 2  | Handle           | 1    | 3  | ½” Pull Pin    | 2    |
| 4  | Spring Clip          | 2    | 5a | M8 Carriage Bolt | 2    | 5b | M8 Lock Washer | 2    |
| 5c | M8 Nut               | 2    | 6* | Bolts & Washers  | 4    |    |                |      |

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**\*Note:** Leg Assembly instructions can be found under their individual part number

**Assembly****Handle Assembly**

1. Slide tube over the bar as shown in figure 2, and securely tighten with carriage bolts, lock washers and nuts with M13 wrench. Handle should be snug.

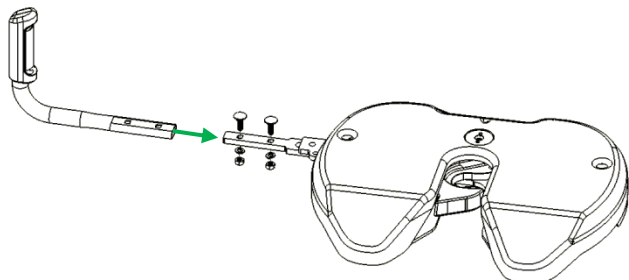


FIG. 2

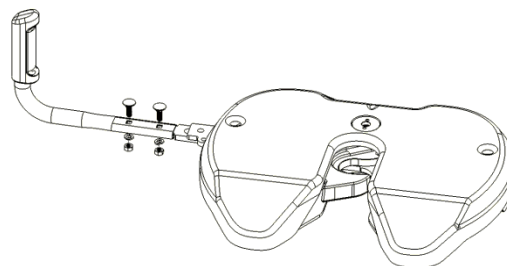


FIG. 3

**Head Attachment to Center Section**

1. Apply grease per page 3, figures 7 & 8. Place head unit on top of center section as shown in figure 4, making sure to avoid putting any body parts in pinch points
2. Insert pull pin as shown in figure 5, and secure with spring clips. Both sides required.
3. Inspect through sight holes on top of head pan to make sure clips are assembled correctly, as shown in figure 6

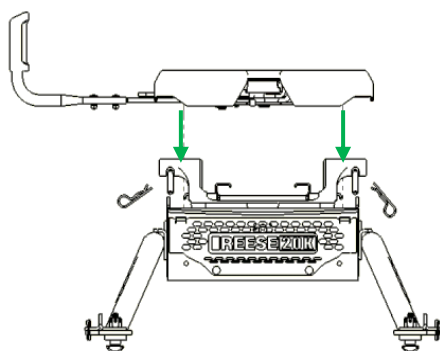


FIG. 4

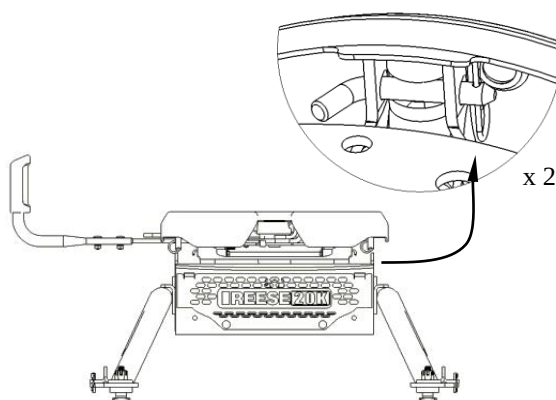


FIG. 5

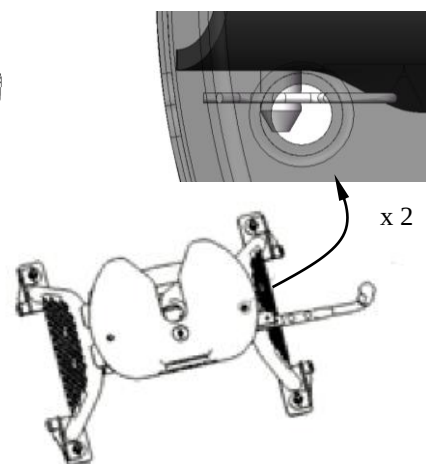


FIG. 6

**Before First Use and Periodic Required Maintenance****Head**

1. Preventative lubrication should be applied to the following to keep the head functioning properly;
  - A. Apply grease to skid plate surface to provide lubricated surface for attachment to trailer.  
Note: Plastic lube plates can be used to avoid messy grease. Plate must not exceed 3/16" in thickness to ensure hitch works properly. REESE 5<sup>th</sup> Wheel Lube Plate #83001 is recommended.
  - B. Apply grease to 5<sup>th</sup> wheel jaw and/or kingpin on the trailer.
  - C. Apply grease via the grease fitting on the top of the unit. (Grease needle required, see fig. 8) Head comes pre-greased
  - D. Apply spray on white lithium grease to internal mechanisms - rotate handle a few times to distribute the lubricant.  
Note: May need to wipe down unit to remove large debris before application of grease.

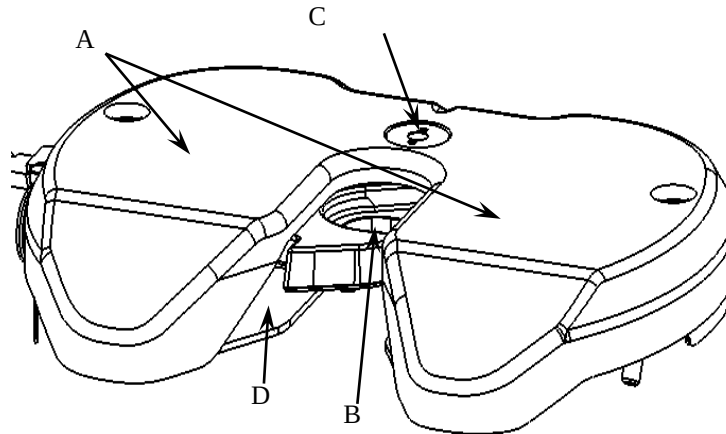


FIG. 7

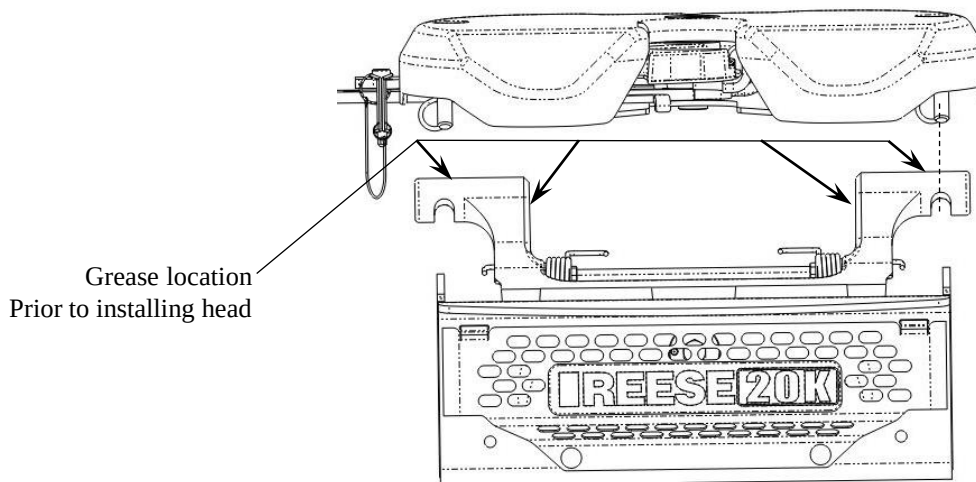


FIG. 8



Typical Grease needle generally available at auto parts stores

## Functionality Overview

### Ready-to-Receive Position:

**When will the head will be in this position?**

- When delivered
- When hitch not in use
- When coupling to trailer
- After uncoupling from trailer

**How to tell the head is in this position:**

- Handle is pulled out fully until audible “CLICK” is heard and holes  
DO NOT align for bail pin
- Handle is easily movable towards cab, and returns to default position upon release
- Indicator shows **RED**

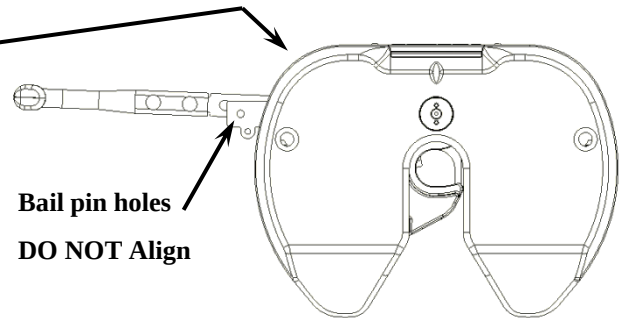


FIG. 9

### Locked Position:

**When will the head will be in this position?**

- When coupled to trailer

**How to tell the head is in this position:**

- Handle is in a position that holes align for bail pin insertion.
- Indicator ONLY shows **GREEN**

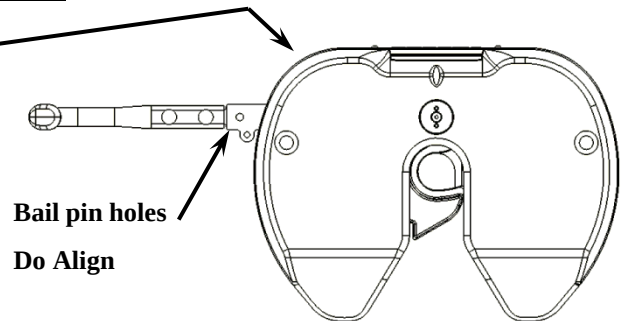
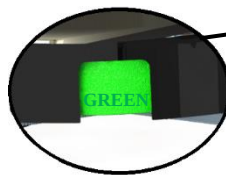


FIG. 10

### Unhitching Position:

**When will the head will be in this position?**

- When unhitching the trailer

**How to tell the head is in this position:**

- Handle is in position shown\*
- Indicator shows **RED**

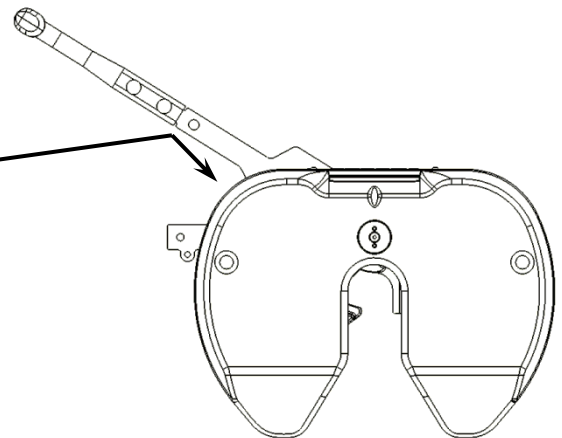


FIG. 11

\*If there is tension between truck and trailer, the truck or trailer may shift when handle is pulled. In this case, handle will start to return to ready-to-receive position, but trailer will still uncouple.

## Hitching Procedure

Before hitching to a trailer, make sure your 5<sup>th</sup> wheel height is correct.

Information on how to properly set the height of your 5<sup>th</sup> wheel hitch can be found in the Leg Installation Instructions.

**Failure to follow these instructions may result in death or serious injury**

- 1) Make sure truck and trailer is in position to couple
  - A. Truck tailgate is lowered if necessary
  - B. Blocks/Chocks are firmly against each trailer wheel to prevent any possible forward or rearward motion.
  - C. Pin box is at correct height for hitching (fig. 12 & 13).
  - D. Make sure head is in Ready-to-Receive position (pg. 4, fig. 9) by pulling the handle out fully until an audible “CLICK” is heard

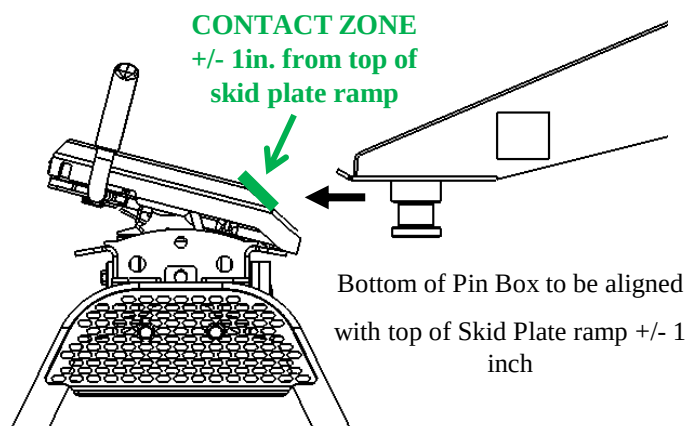


FIG. 12

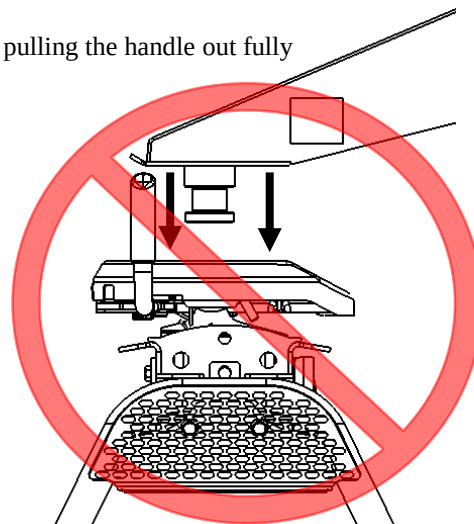


FIG. 13

- 2) Back truck slowly into trailer so the trailer king pin and 5<sup>th</sup> wheel funnel align. When the indicator turns completely **green**, the trailer king pin is securely held by the 5<sup>th</sup> wheel jaw (pg. 4, fig. 10).\*
- 3) Insert bail pin into lock hole, as shown in figure 14.

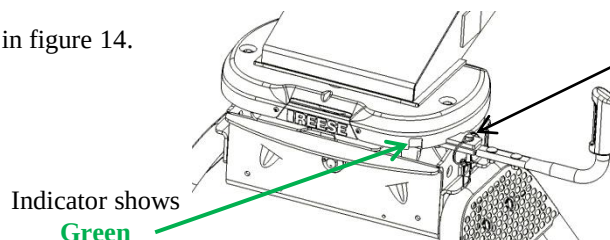


FIG. 14

Bail pin shown inserted & locked

- 4) Perform Pull Test –
  - A. With trailer wheels still firmly blocked, trailer landing gears firmly on the ground supporting trailer weight, and trailer brake on, make sure no one is between the truck and trailer.
  - B. Try to pull trailer slowly forward. If trailer is properly hitched, proceed to Step 4. If trailer is not properly hitched, trailer will separate from hitch, and truck will move forward - repeat steps 1 thru 3.
- 5) Connect electrical cable and breakaway switch cable between truck and trailer, raise tailgate if necessary.
- 6) Remove chocks/blocks and lift trailer jacks.

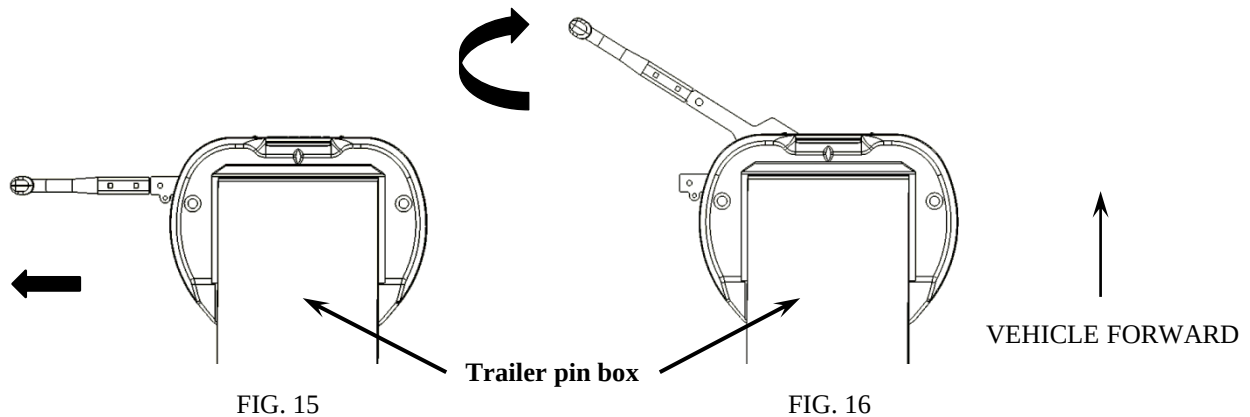
\*Jaw may not close if under compression. If fully backed into trailer and not fully latched, pull truck slowly forward to remove load on jaw. Handle will fully latch.

**Unhitching Procedure**

**Failure to follow these instructions may result in death or serious injury**

- 1) Make sure trailer is secure
  - A. Blocks/Chocks are firmly against each trailer wheel to prevent any possible forward or rearward motion.
  - B. Trailer jacks are lowered and are firmly on the ground
- 2) Make sure truck is ready to unhitch:
  - A. Tailgate is lowered if necessary
  - B. Electrical cable and breakaway switch cable are disconnected.
- 3) Remove bail pin and move handle to unhitching position (pg. 4, fig. 11) by pulling out fully (fig. 15) until an audible “CLICK” is heard then rotating handle towards cab (fig. 16).\*

**If handle will not move to the unhitching position (pg. 4, fig. 11) with ease, STOP, DO NOT FORCE THE HANDLE!!! The jaw may not open if under tension. Slowly reverse truck to remove load on the jaw before attempting to unhitch trailer.**



- 4) Drive truck slowly away from trailer

\*If there is tension between truck and trailer, the truck or trailer may shift when handle is pulled. In this case, handle will start to return to ready-to-receive position, but trailer will still uncouple.

# Installation Instructions

## Head

Part Number Purchased:  
Place of Purchase:  
Date of Purchase:  
Part Manufactured Date (located on driver-side sticker):

### NOTES:

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### LIMITED LIFETIME WARRANTY

- Limited Lifetime Warranty (“Warranty”).** Horizon Global (“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 for a period of lifetime of ownership, ordinary wear and tear excepted; 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.
- Limitations on the Warranty.** 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.
- Obligations of Purchaser.** To make a Warranty claim, contact Us at 47912 Halyard Drive 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.
- Remedy Limits.** 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.
- Assumption of Risk.** 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.
- Governing Law.** This Warranty gives You specific legal rights, and You also may 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.

Horizon Global  
47912 Halyard Drive Suite 100  
Plymouth, MI 48170



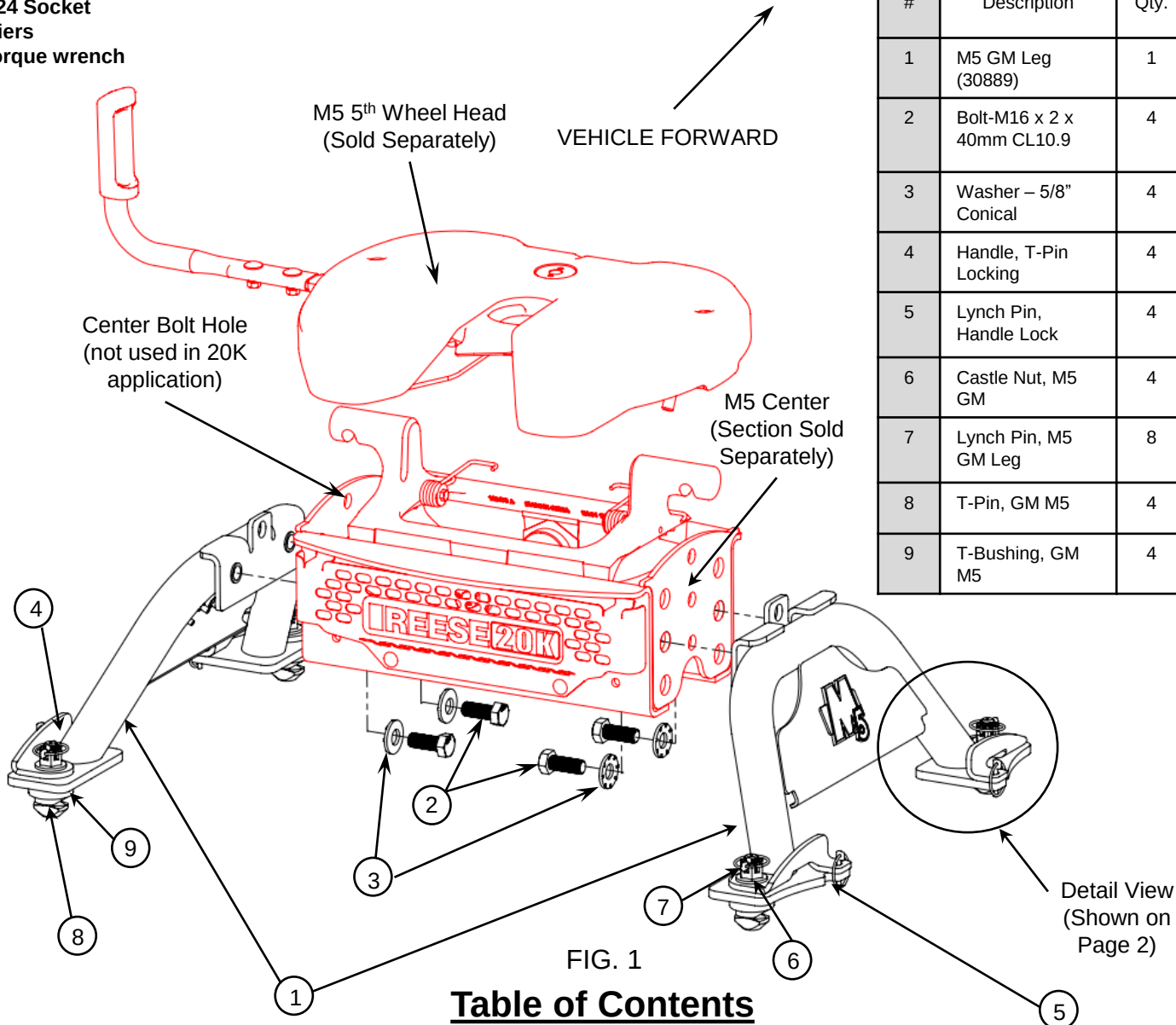
**WARNING:** Failure to follow installation and hitch-up instructions may cause property loss, serious injury, or death!

**CAUTION:** Under no circumstances do we recommend exceeding the towing vehicle manufacturers recommended vehicle towing and load capacity.

## READ ALL INSTRUCTIONS BEFORE STARTING THE INSTALLATION OR USE

### Equipment Required:

M24 Socket  
Pliers  
Torque wrench

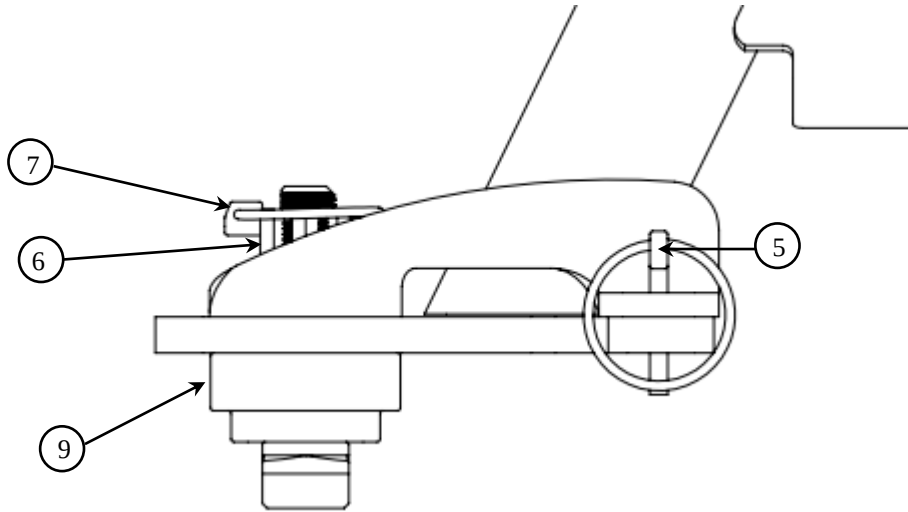


|                           |     |             |     |
|---------------------------|-----|-------------|-----|
| Installation              | p 2 | Maintenance | p 6 |
| Assembly and Installation | p 2 | Warranty    | p 7 |

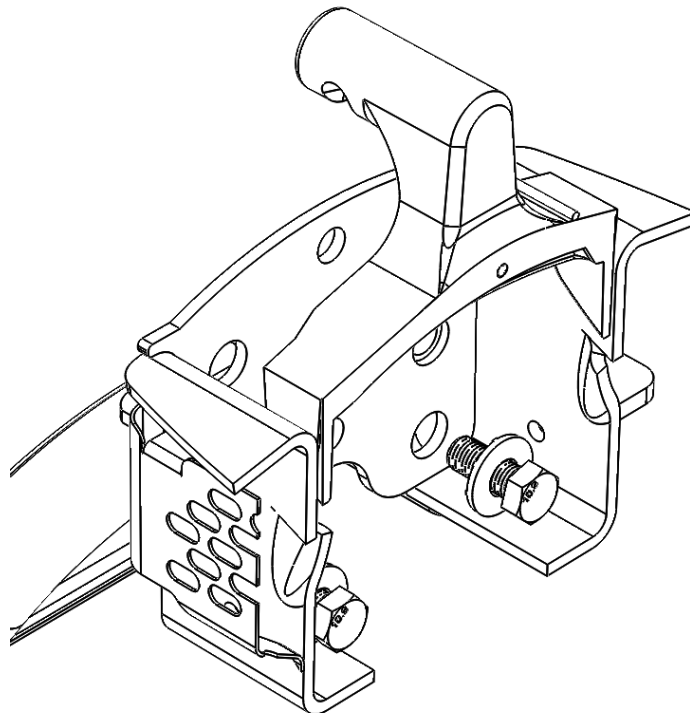
\*Note: Head and Center Section instructions can be found under their individual part number

**ASSEMBLY AND INSTALLATION**

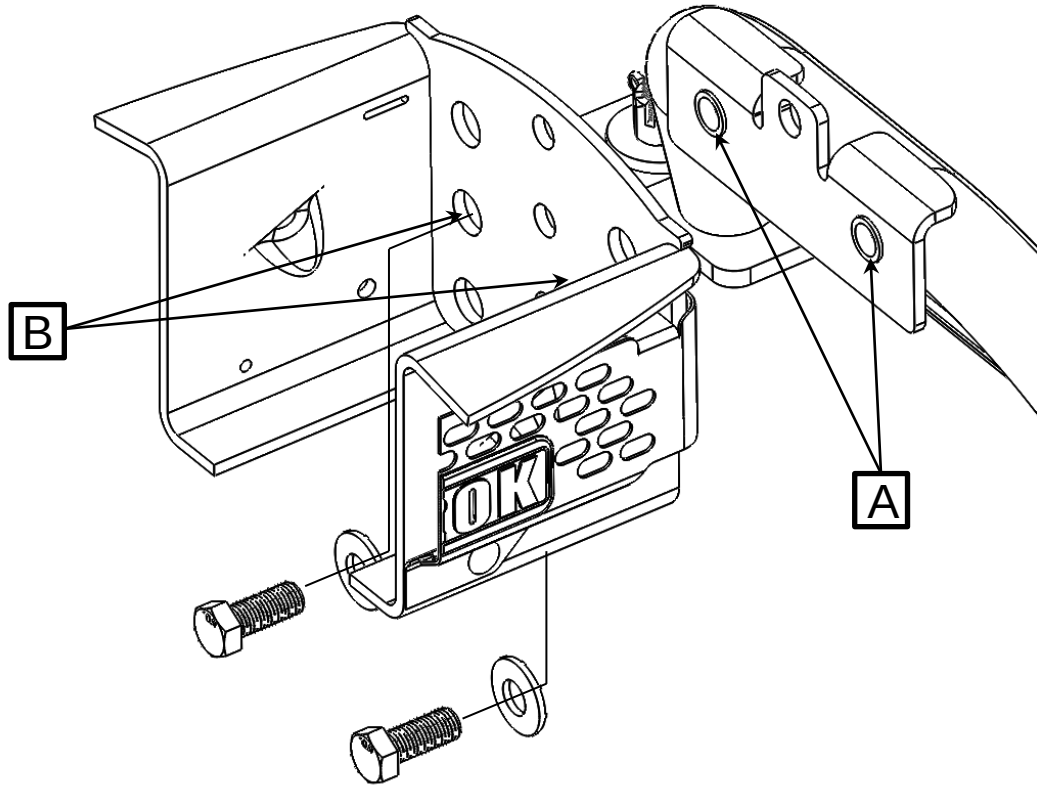
1. The M5 GM Leg comes pre-assembled, adjusted, and ready to install.



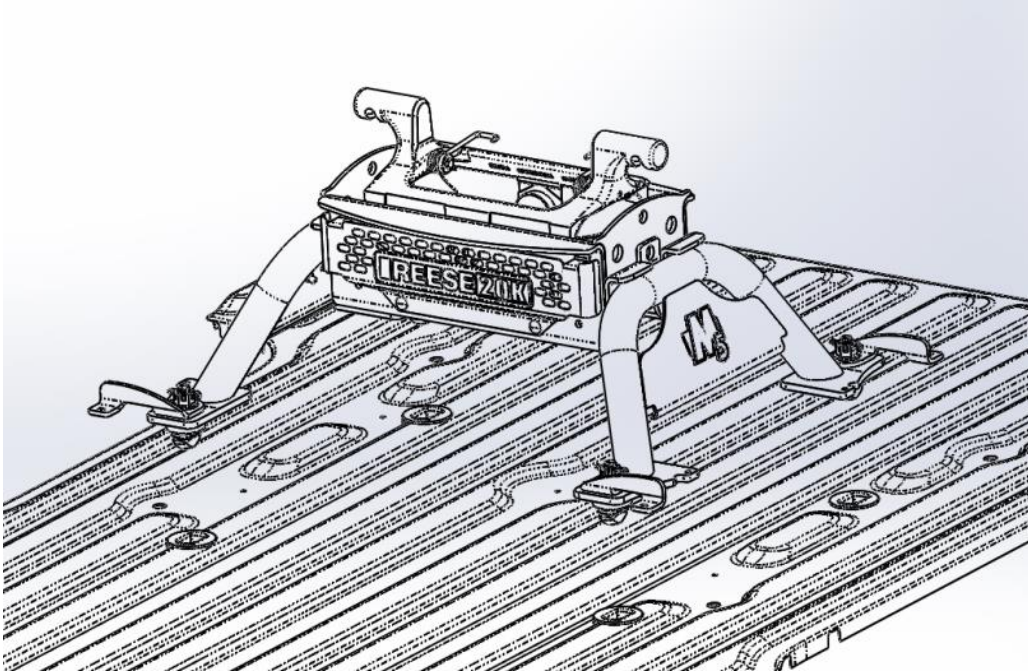
2. Determine which center section mounting holes to use to ensure a minimum of 6" clearance between the truck bed rail and the bottom of the trailer. ( For more detail, please refer to the **GUIDELINES FOR MATCHING HITCH, TRUCK, AND TRAILER** section located in the head and center section instruction sheet.) Legs should be attached at the same height on both sides of unit. This unit has 4" of vertical adjustment.
3. Using the four (4) M16x40mm Hex Head Bolts, 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.



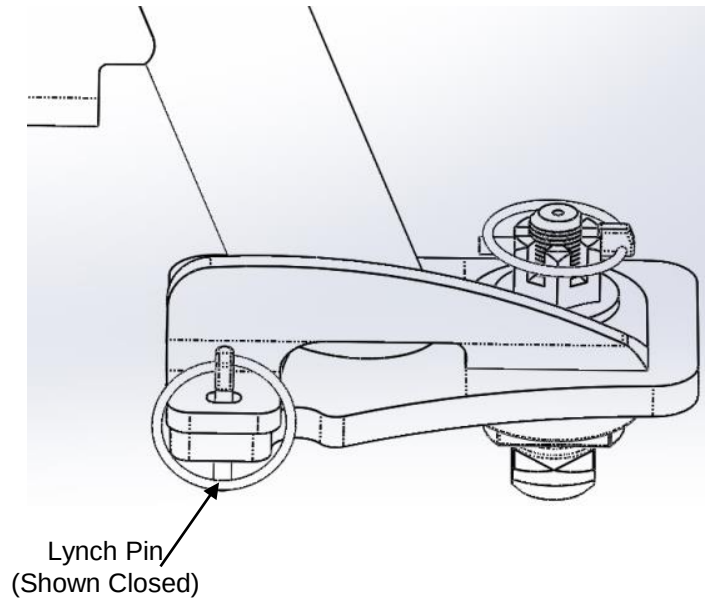
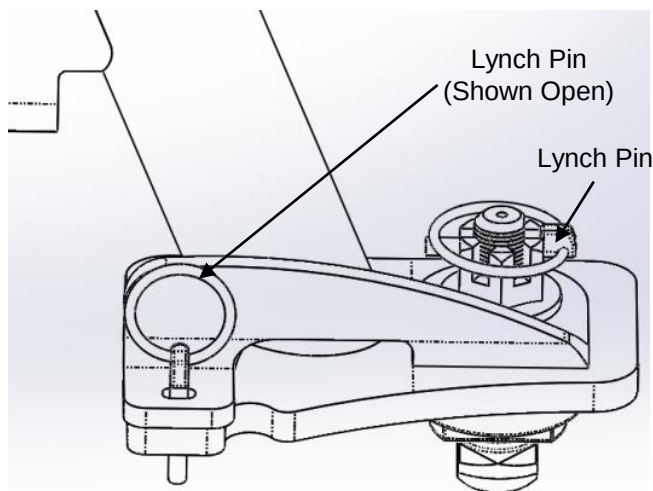
4. During assembly of M5 GM Leg to M5 Center Section, make sure that the flanges on the leg structure (**A**) are completely seated in the corresponding holes of the center section (**B**).



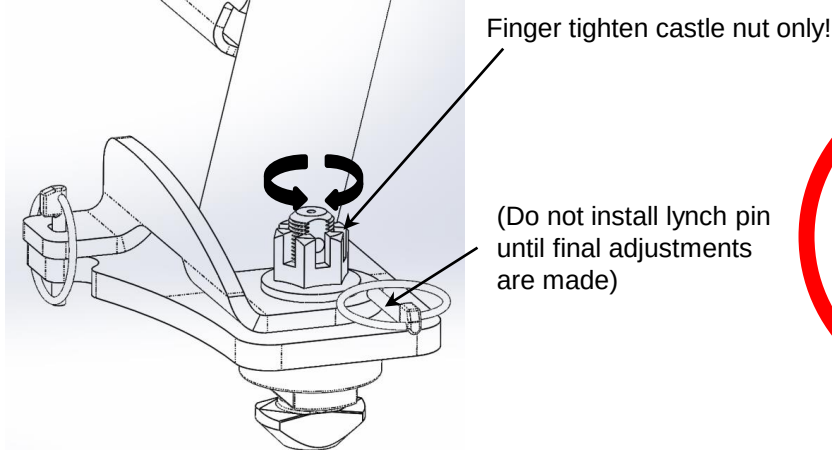
5. Remove the four (4) lynch pins, and position legs over pucks with handles in **OPEN** position as shown.



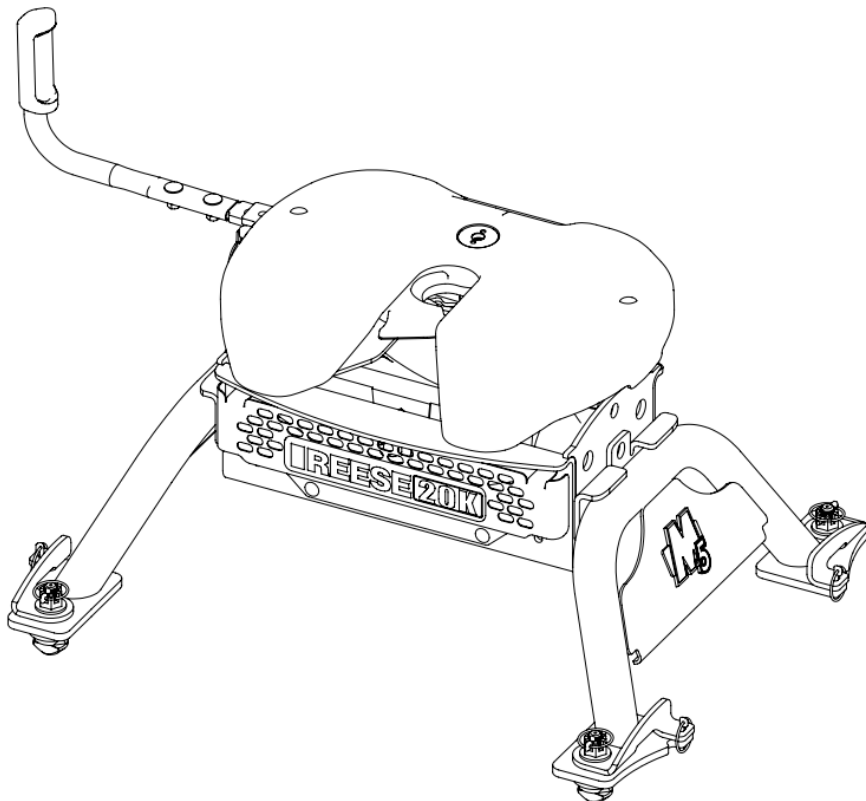
6. Once unit has been placed in pucks, rotate handles back to **CLOSED** position and insert the lynch pins back into each foot to prevent handles from opening during operation.



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



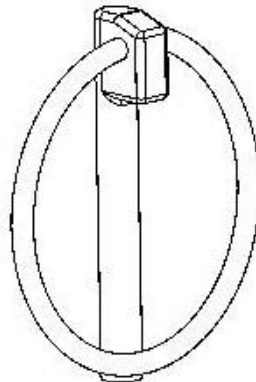
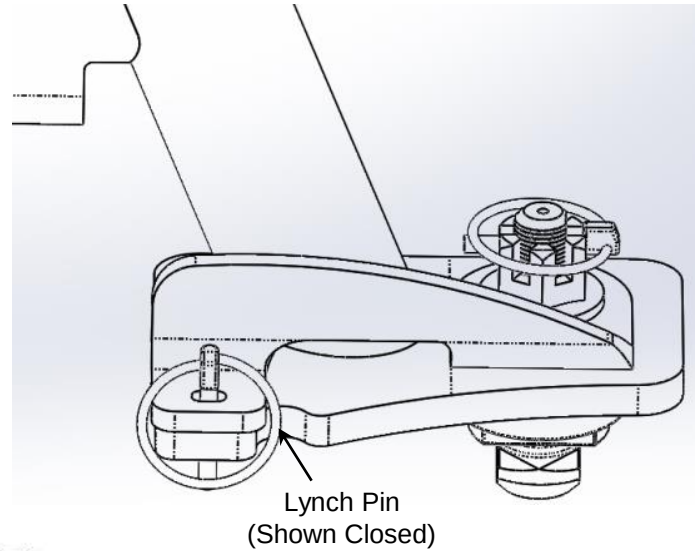
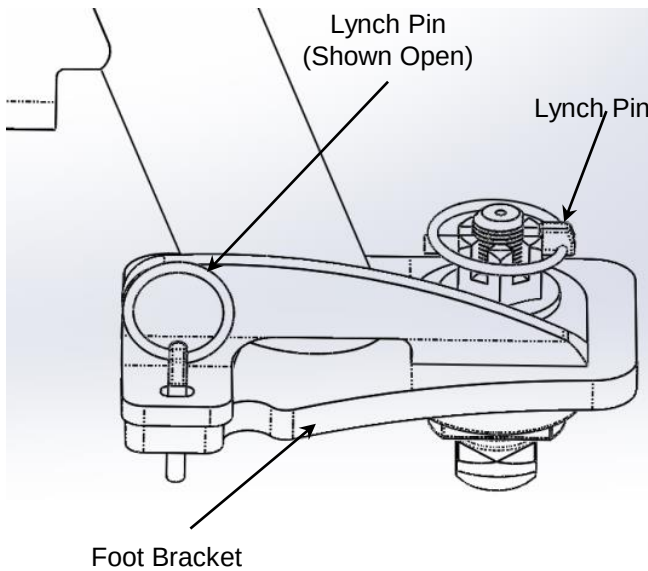
8. Once handle adjustment is satisfactory, re-insert lynch pin close loop over nut to hold in place. Additional cotter pins are provided in the hardware kit for your convenience.
9. With GM Leg T-Pin handles locked and T-Pins securely held in under bed structure, tighten each M16 hex-head bolt to 220 ft-lb of torque.
10. Verify that hitch is tight to truck bed by lifting each side of the hitch.
11. 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 lynch pins, foot bracket and castle nut are not damaged and are 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 5<sup>th</sup> wheel hitch assembly please refer to the M5 head and center section instruction sheet.



Lynch pin shown in properly closed position  
Do not reverse loop to other side of pin

Part Number Purchased:  
Place of Purchase:  
Date of Purchase:  
Part Manufactured Date (located on driver-side sticker):

**NOTES:**

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- 2. Limitations on the Warranty.** 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.
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- 4. Remedy Limits.** 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.
- 5. Assumption of Risk.** 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.
- 6. Governing Law.** This Warranty gives You specific legal rights, and You also may 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.

**Horizon Global America, Inc**47912 Halyard Drive Suite 100  
Plymouth, MI 48170

**ADVERTENCIA:** ¡No seguir las instrucciones de instalación y del enganche puede causar pérdidas materiales, lesiones graves o muerte!

**PRECAUCIÓN:** Bajo ninguna circunstancia recomendamos exceder la capacidad de remolque y de carga del vehículo recomendada por el fabricante del vehículo de remolque.

## LEER TODAS LAS INSTRUCCIONES ANTES DE EMPEZAR LA INSTALACIÓN

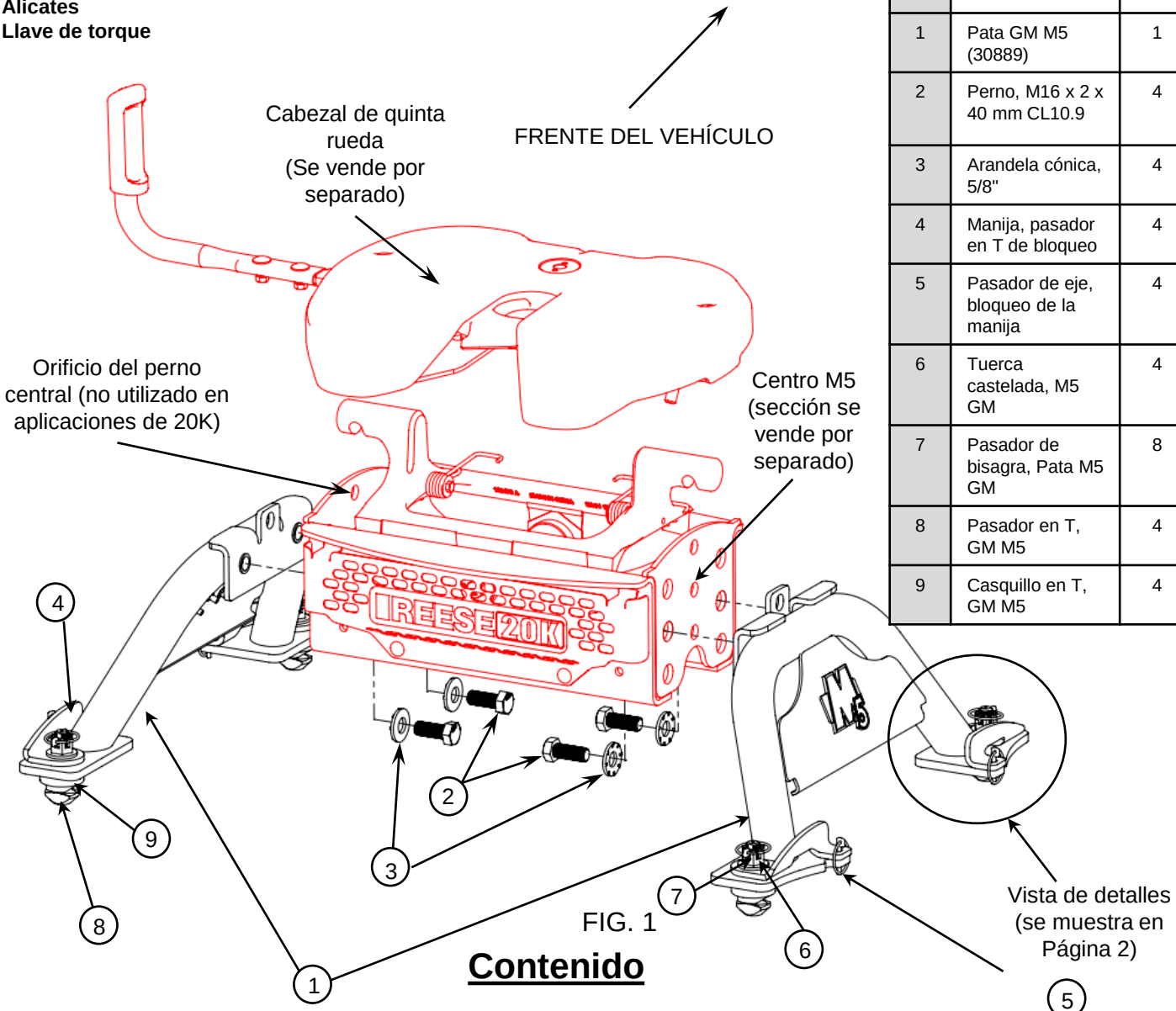
### Equipo necesario:

Cubo M24

Alicates

Llave de torque

| # | Descripción                          | Cant. |
|---|--------------------------------------|-------|
| 1 | Pata GM M5 (30889)                   | 1     |
| 2 | Perno, M16 x 2 x 40 mm CL10.9        | 4     |
| 3 | Arandela cónica, 5/8"                | 4     |
| 4 | Manija, pasador en T de bloqueo      | 4     |
| 5 | Pasador de eje, bloqueo de la manija | 4     |
| 6 | Tuerca castelada, M5 GM              | 4     |
| 7 | Pasador de bisagra, Pata M5 GM       | 8     |
| 8 | Pasador en T, GM M5                  | 4     |
| 9 | Casquillo en T, GM M5                | 4     |



Instalación

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Mantenimiento

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Ensamble e instalación

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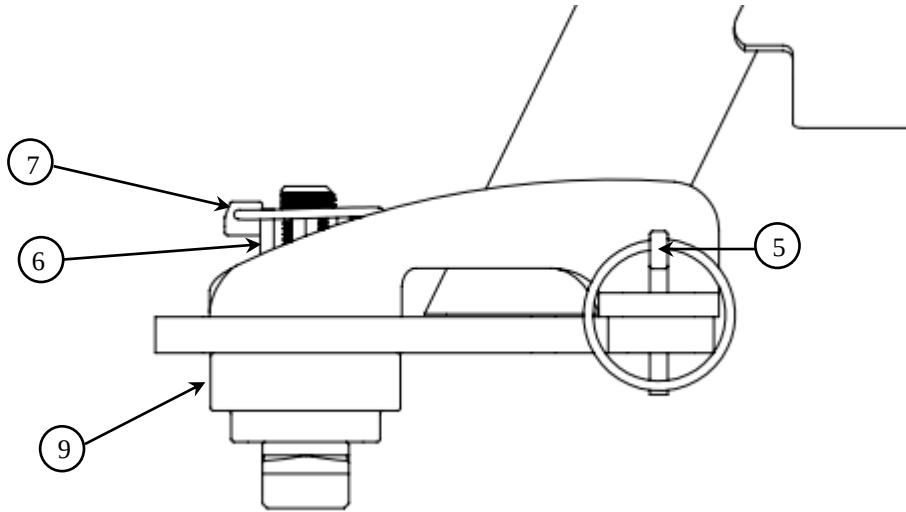
Garantía

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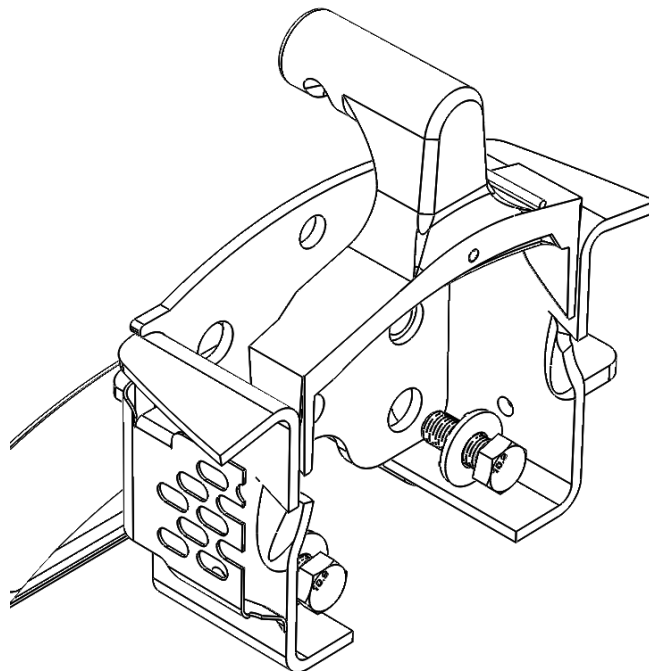
\*Nota: Las instrucciones para el cabezal y la sección central se pueden encontrar bajo el número de pieza individual

**Ensamble e instalación**

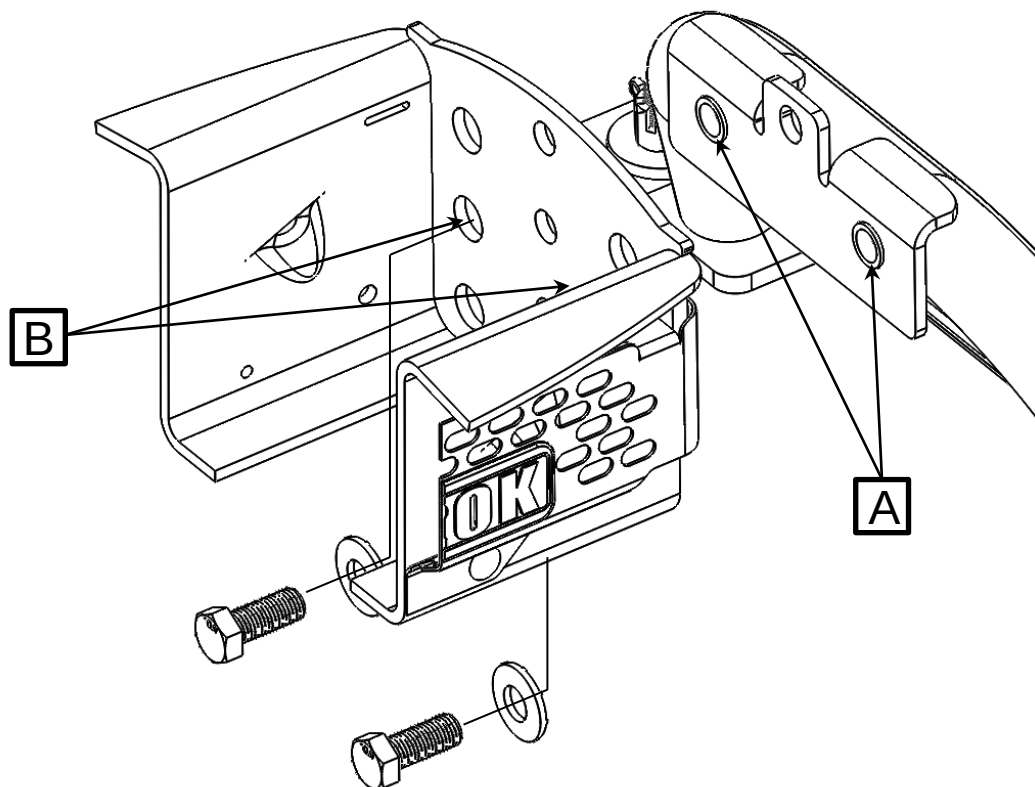
1. La pata M5 GM viene preensamblada, ajustada y lista para instalar.



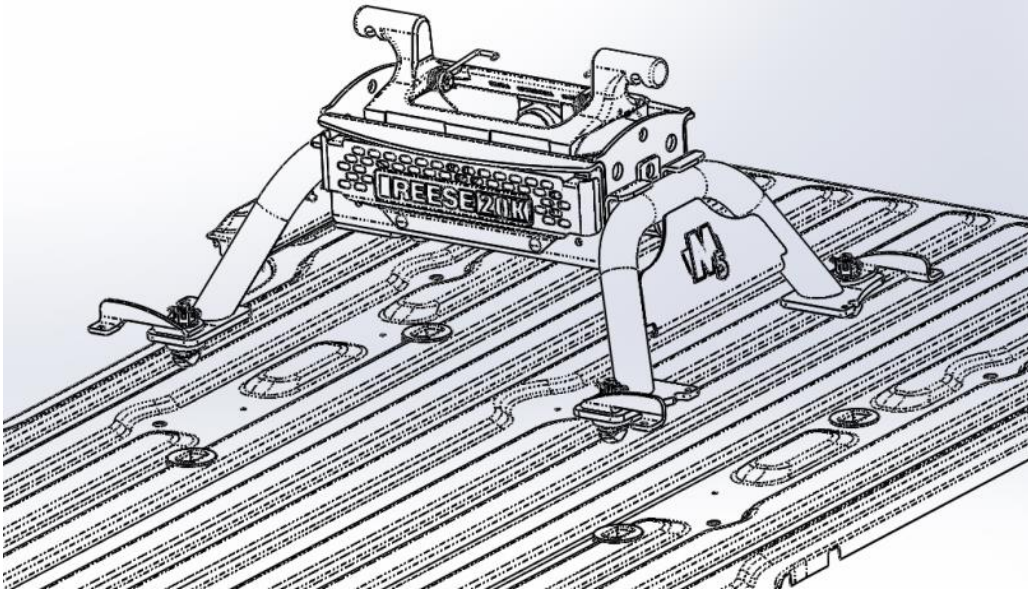
2. Determinar los orificios de montaje de la sección central que se usarán para asegurar un despeje mínimo de 6" entre el larguero de la cama del vehículo y la parte inferior del remolque. (Para más detalles, consultar la sección de **PAUTAS PARA DETERMINAR EL ENGANCHE, VEHÍCULO Y REMOLQUE CORRECTOS** ubicada en la hoja de instrucciones del cabezal y sección central). Las patas se deben sujetar a la misma altura en ambos lados de la unidad. Esta unidad tiene 4" de ajuste vertical.
3. Usando los cuatro (4) pernos de cabeza hexagonal M16x40 mm, fijar las patas a la estructura de la sección central, enroscando los pernos desde el interior de la sección central hacia la parte roscada de las patas. Apretar los pernos a mano inicialmente hasta que se realicen los ajustes finales.



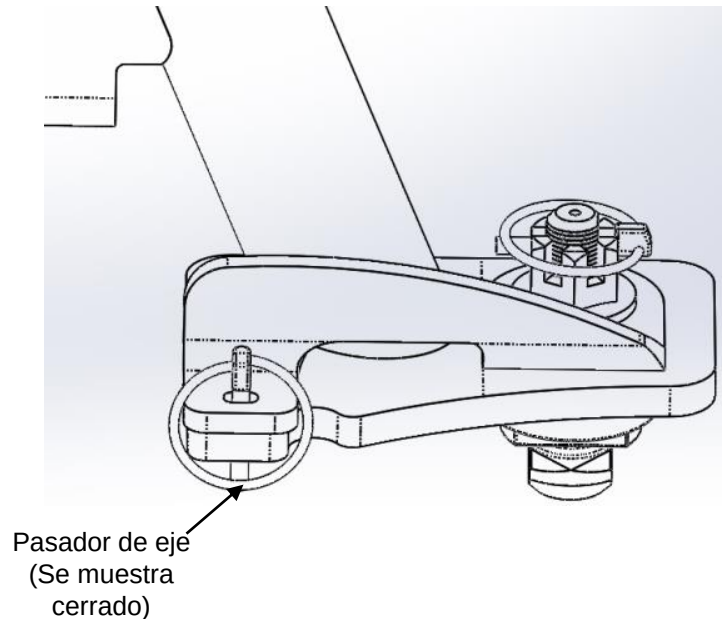
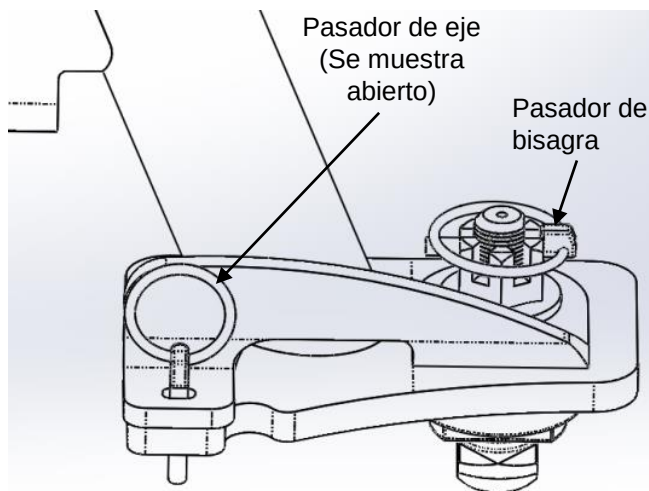
4. Durante el ensamble de la Pata M5 GM a la Sección Central M5, asegurarse de que las bridas de la estructura de la pata (A) estén completamente asentadas en los orificios correspondientes de la sección central (B).



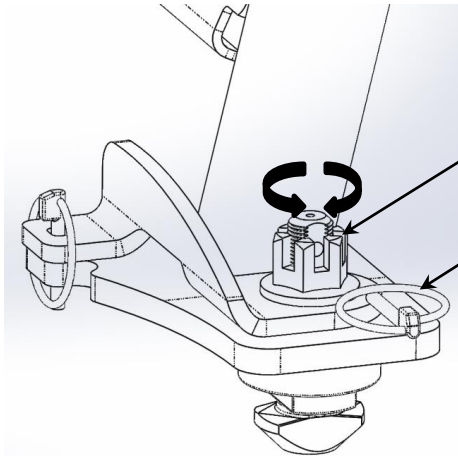
5. Retirar los cuatro (4) pasadores de eje y colocar las patas sobre los discos con las manijas en posición **ABIERTA** como se muestra.



6. Una vez que la unidad se ha colocado en discos, rotar las manijas de nuevo a la posición **CERRADA** e insertar los pernos de eje en cada pata para evitar que las manijas se abran durante la operación.



7. Debido a las variaciones en la parte baja del vehículo, es normal que algunas manijas estén sueltas y otras manijas estén demasiado apretadas para bloquear. Si una manija parece demasiado floja y suena, o no puede cerrarse completamente, retirar el pasador de bisagra y ajustar la tuerca castelada a mano a una posición en la que la manija no suene y se pueda cerrar.

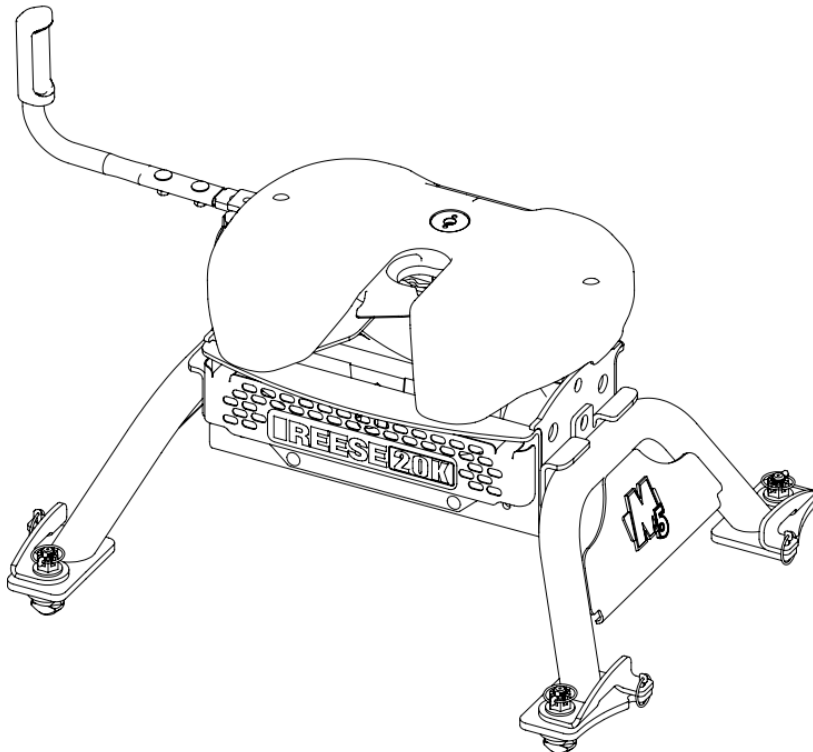


¡Apretar la tuerca castelada a mano únicamente!

(No instalar el pasador de bisagra hasta que se realicen los ajustes finales)



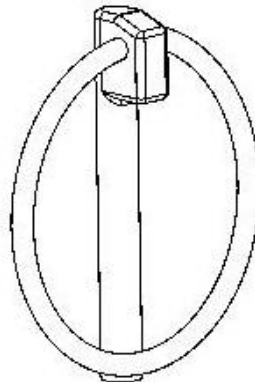
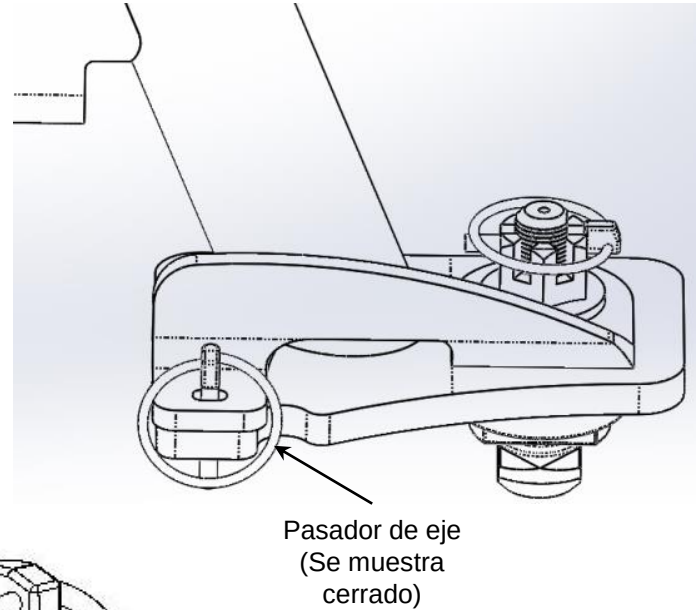
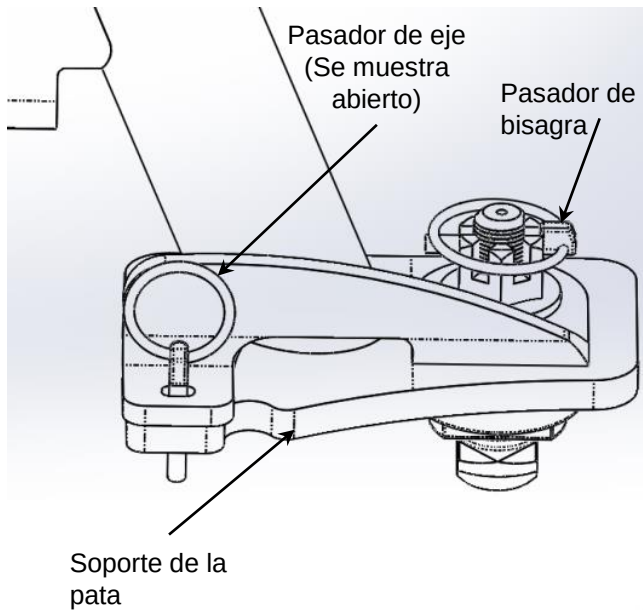
8. Una vez que el ajuste de la manija sea satisfactorio, volver a insertar el pasador de bisagra y doblar el extremo con alicates para fijarlos en su lugar. Para su comodidad, se suministran pasadores de bisagra adicionales en el kit de piezas.
9. Con las manijas del pasador en T de la pata GM bloqueadas y los pasadores en T sujetos firmemente debajo de la estructura de la cama, apretar cada perno de cabeza hexagonal M16 a 220 pies-lb de torque.
10. Verificar que el enganche esté ajustado a la cama del vehículo levantando cada lado del enganche.
11. Ensamblar el cabezal a la sección central según las instrucciones incluidas con la sección central y el cabezal M5.



**MANTENIMIENTO**

Con el fin de mantener el desempeño durante la vida del producto:

1. Antes de cualquier viaje, verificar que los pasadores de bisagra, el soporte de la pata y la tuerca castelada no estén dañados y estén firmemente bloqueados. Además, verificar que los pasadores de eje también estén firmes en su lugar, con poco o ningún movimiento vertical. La imagen de abajo muestra la orientación correcta del pasador de eje en relación con la pata.
2. Cada 1,000 millas, verificar que los pernos hexagonales M16 que conectan la sección central a las patas para asegurar que todavía estén apretadas a 220 pies-libras de torque.
3. Para el mantenimiento general de todo el ensamble del enganche de la quinta rueda, consultar la hoja de instrucciones de la sección central y del cabezal M5.



El pasador de eje se muestra en la posición  
correctamente cerrada  
No invertir el bucle en el otro lado del  
pasador

Número de parte comprada:

Lugar de compra:

Fecha de compra:

Fecha de fabricación de la pieza (ubicada en el adhesivo del lado del conductor):

**NOTAS:**

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**GARANTÍA LIMITADA DE POR VIDA**

- 1. Garantía de por vida limitada** ("Garantía"). Horizon Global ("Nosotros") garantiza al comprador minorista original únicamente ("usted") que el producto estará libre de defectos materiales y de mano de obra, con la excepción del uso y desgaste habitual, siempre y cuando la instalación y el uso del producto esté de acuerdo con las instrucciones del producto. No existen otras garantías, expresas o implícitas, incluida la garantía de comerciabilidad o idoneidad para un propósito particular. Esta garantía no es transferible.
- 2. Limitaciones de la garantía.** Esta Garantía limitada no cubre lo siguiente: (a) desgaste normal y habitual; (b) daño por abuso, negligencia, mal uso, o como resultado de cualquier accidente o de cualquier otra manera; (c) daño por aplicación o instalación incorrectas o sobrecarga; (d) mantenimiento y reparación incorrectos; y (e) alteración del producto de cualquier manera por alguien que no seamos nosotros, con la única excepción de alteraciones realizadas de acuerdo con las instrucciones del producto y de una manera profesional.
- 3. Obligaciones del comprador.** Para hacer una reclamación de Garantía, contáctenos en 47912 Halyard Drive Suite 100, Plymouth, MI 48170, 1-800-632-3290, identifique el producto por número de modelo y siga las instrucciones que se le darán para la reclamación. Cualquier producto devuelto que se reemplace o se reembolse se convierte en propiedad nuestra. Usted será responsable por los costos de envío del producto. Conservar el recibo de compra para verificar la fecha de compra y que usted es el comprador original. Nos debe entregar el producto y el recibo de compra para procesar su reclamo de garantía.
- 4. Límites de compensación.** La sustitución del producto es Su único recurso bajo esta Garantía. No seremos responsables por el servicio o cargos de mano de obra en los que se incurra al quitar o reemplazar un producto o cualquier daño de cualquier tipo.
- 5. Riesgo asumido.** Usted reconoce y acepta que cualquier uso del producto para cualquier propósito diferente al uso(s) especificado(s) en las instrucciones del producto es a su propio riesgo.
- 6. Ley gobernante.** Esta Garantía le otorga derechos legales. Usted también podría tener otros derechos que varían de estado a estado. Esta Garantía está regida por las leyes del estado de Michigan, sin importar las normas relativas a conflictos de ley. Las cortes estatales ubicadas en el condado de Oakland, Michigan tienen jurisdicción exclusiva para cualquier disputa que surja con respecto a esta garantía.

**Horizon Global America, Inc**47912 Halyard Drive Suite 100  
Plymouth, MI 48170

**AVERTISSEMENT :** L'omission d'observer les instructions d'installation et d'accouplement peut causer une perte de propriété, des blessures graves ou la mort!

**ATTENTION :** En aucun cas nous ne recommandons de dépasser la capacité de remorquage et de charge stipulée par le fabricant du véhicule de remorquage.

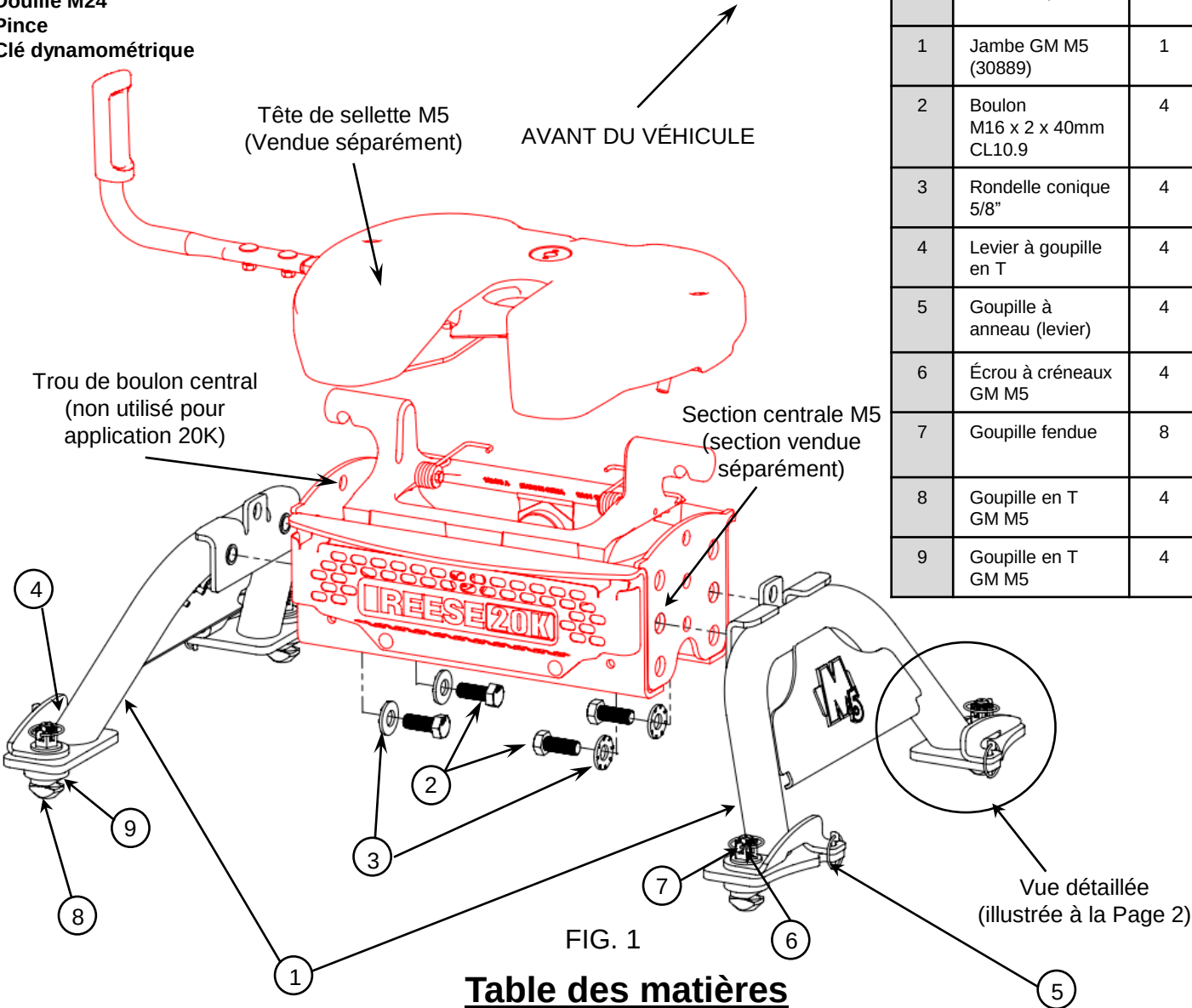
## LIRE TOUTES LES INSTRUCTIONS AVANT L'INSTALLATION OU L'UTILISATION

### Équipement requis :

Douille M24

Pince

Clé dynamométrique



| # | Description                  | Qté |
|---|------------------------------|-----|
| 1 | Jambe GM M5 (30889)          | 1   |
| 2 | Boulon M16 x 2 x 40mm CL10.9 | 4   |
| 3 | Rondelle conique 5/8"        | 4   |
| 4 | Levier à goupille en T       | 4   |
| 5 | Goupille à anneau (levier)   | 4   |
| 6 | Écrou à créneaux GM M5       | 4   |
| 7 | Goupille fendue              | 8   |
| 8 | Goupille en T GM M5          | 4   |
| 9 | Goupille en T GM M5          | 4   |

FIG. 1

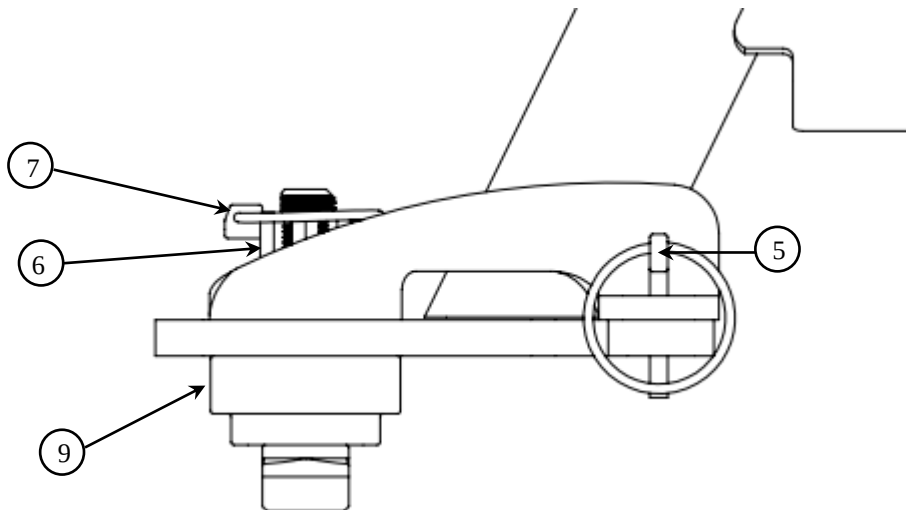
## Table des matières

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| Montage et installation | p 16 | Garantie  | p 21 |

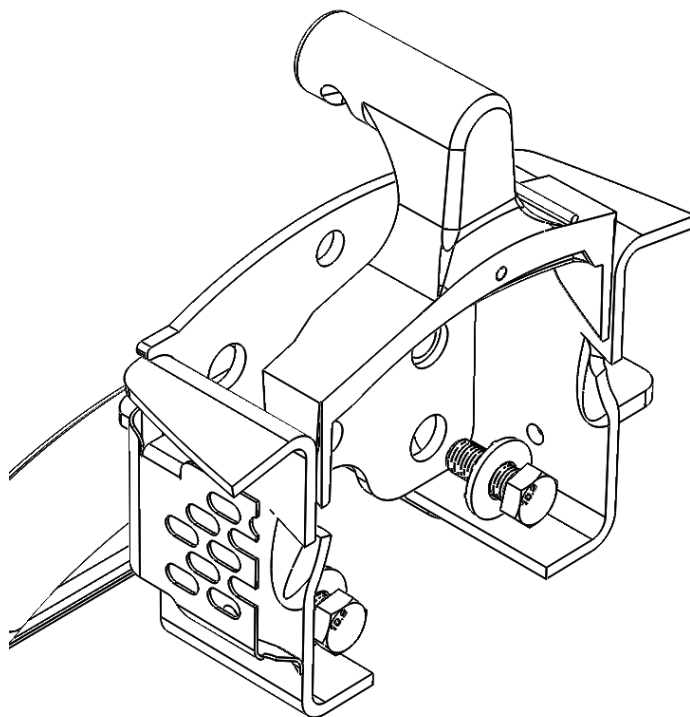
\*Nota : Les instructions de montage de la tête et de la section centrale se trouvent en-dessous de leur propre numéro de pièce.

**MONTAGE ET INSTALLATION**

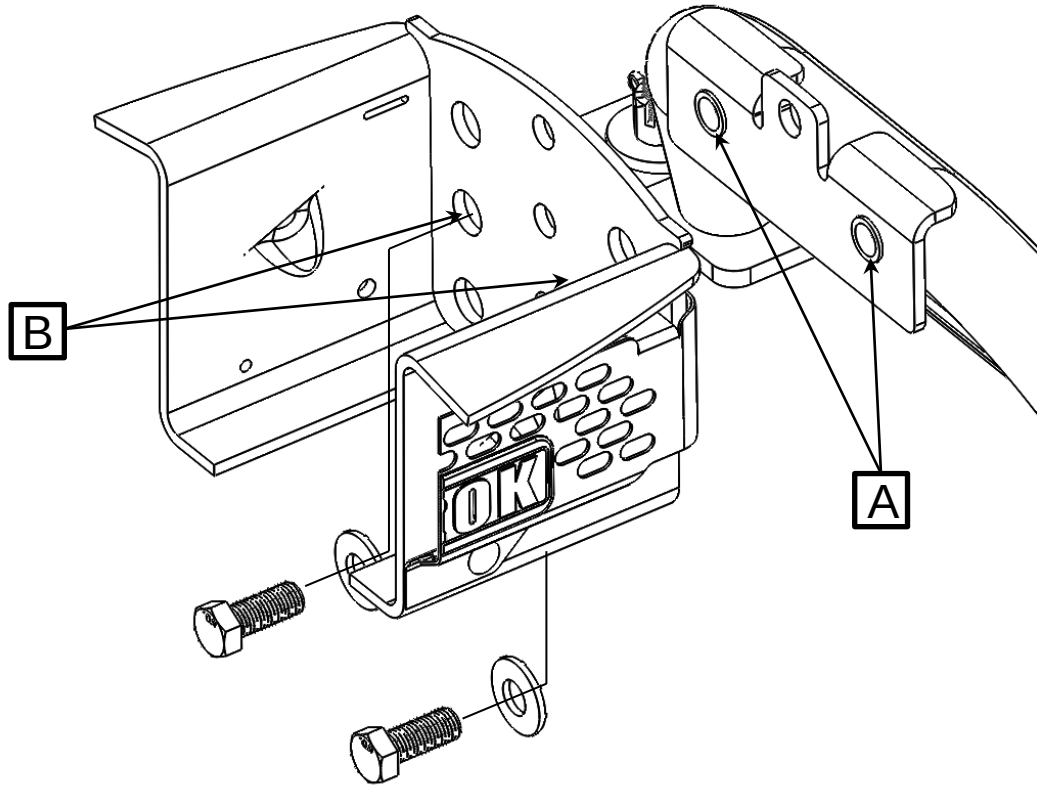
1. À la livraison, la jambe GM M5 est déjà assemblée, réglée et prête à installer.



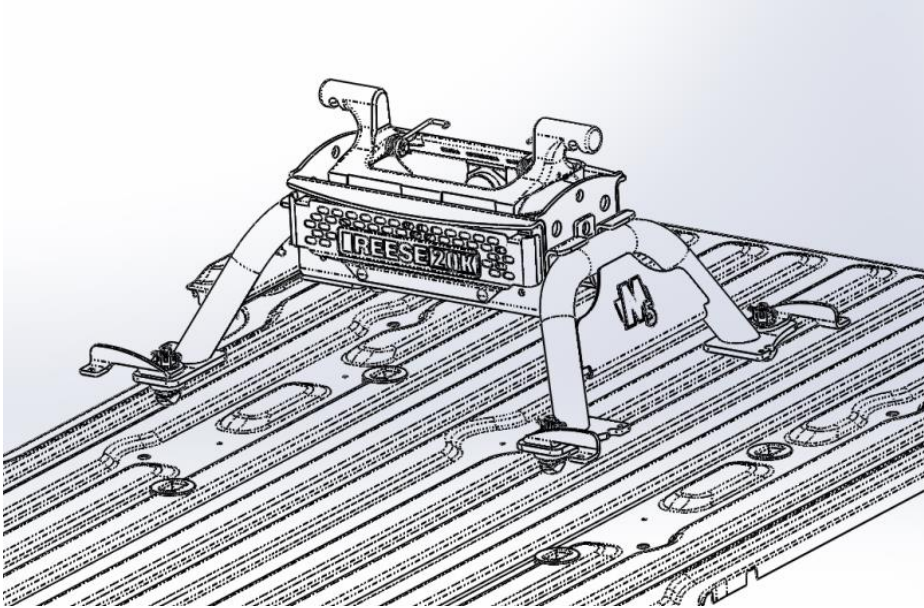
2. Déterminer les trous de montage de la section centrale pour obtenir un dégagement minimal de 6 po entre la traverse de montage sur la plateforme de camionnette et le bas de la caravane. (Pour plus de détails, se reporter à la section **DIRECTIVES POUR COMBINER L'ATTELAGE, LA CAMIONNETTE ET LA CARAVANE** qui figure dans le feuillet d'instructions de la tête et de la section centrale.) Les jambes doivent être fixées à la même hauteur sur les deux côtés de l'unité. Cette unité dispose d'un réglage vertical de 4 po.
3. À l'aide de quatre (4) boulons hexagonaux M16 x 40 mm, fixer les jambes sur la structure de la section centrale, en vissant les boulons depuis l'intérieur de la section centrale jusque dans la partie filetée des jambes. Serrer d'abord les boulons à la main jusqu'à ce que les réglages soient complétés.



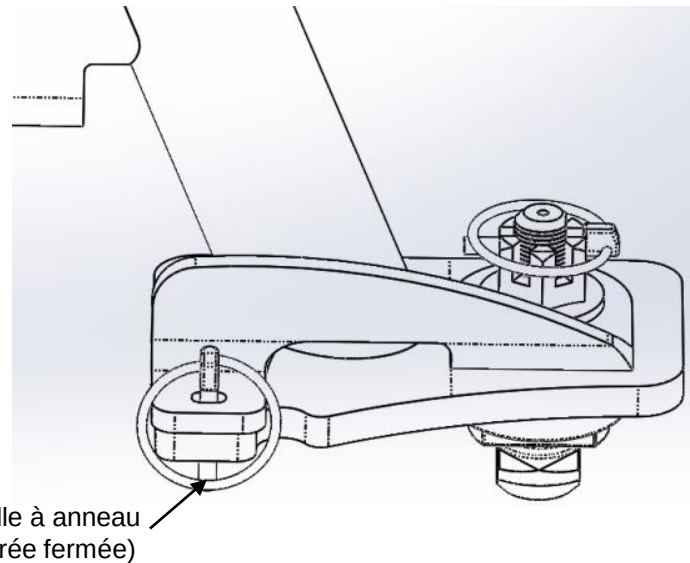
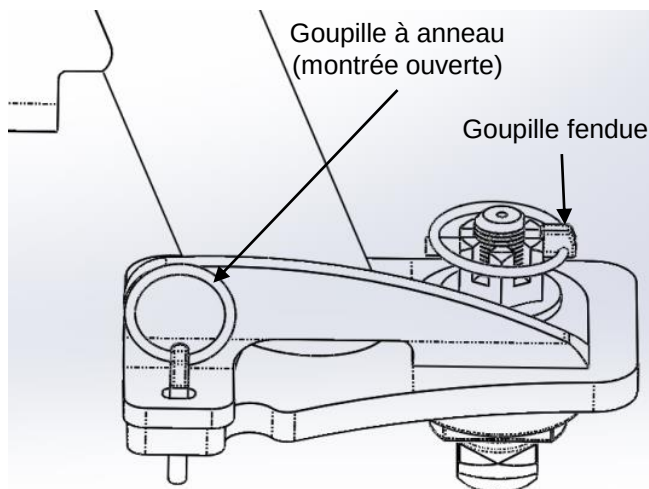
4. Pendant le montage des jambes GM M5 sur la section centrale M5, s'assurer que les collerettes sur la structure de jambe (A) reposent à fond dans les trous correspondants de la section centrale (B).



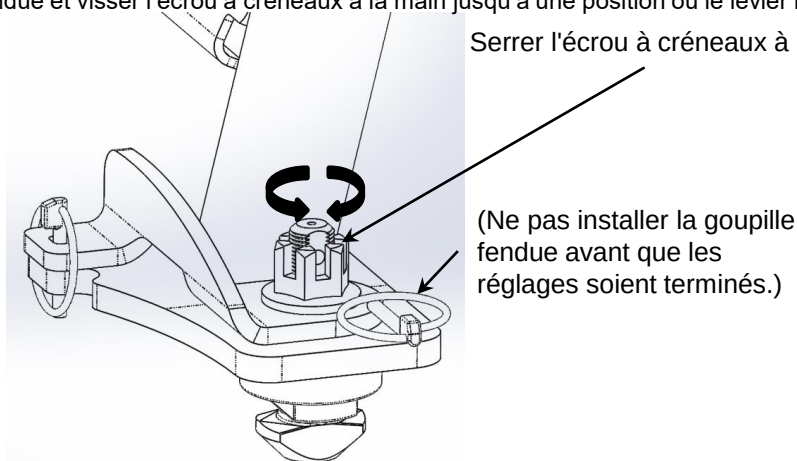
5. Retirer les quatre (4) goupilles à anneau, et placer les jambes au-dessus des réceptacles avec les leviers dans la position **OPEN** (ouverte) comme illustré.



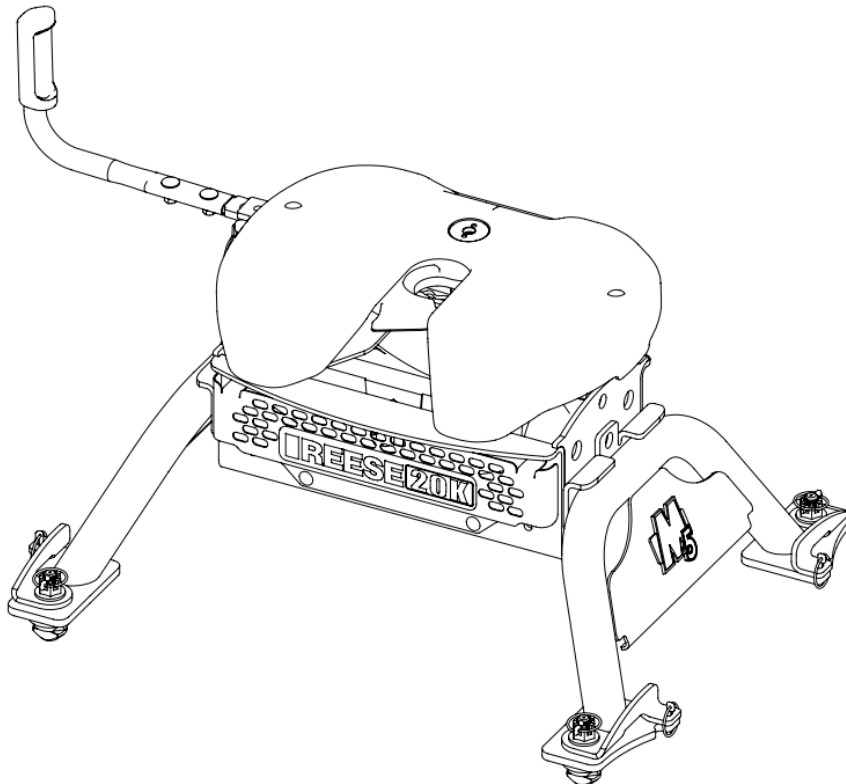
6. Une fois l'unité placée dans les réceptacles, tourner les leviers à la position **CLOSED** (fermée) et insérer les goupilles à anneau dans chaque pied pour empêcher les leviers de s'ouvrir pendant la manœuvre.



7. En raison des variations sur le dessous de plateforme des camionnettes, il est normal que le verrouillage des leviers s'avère soit trop lâche, soit trop serré. Si le levier s'avère trop lâche et fait du bruit ou s'il ne peut se refermer complètement, retirer la goupille fendue et visser l'écrou à créneaux à la main jusqu'à une position où le levier ne fera plus de bruit et pourra se fermer.



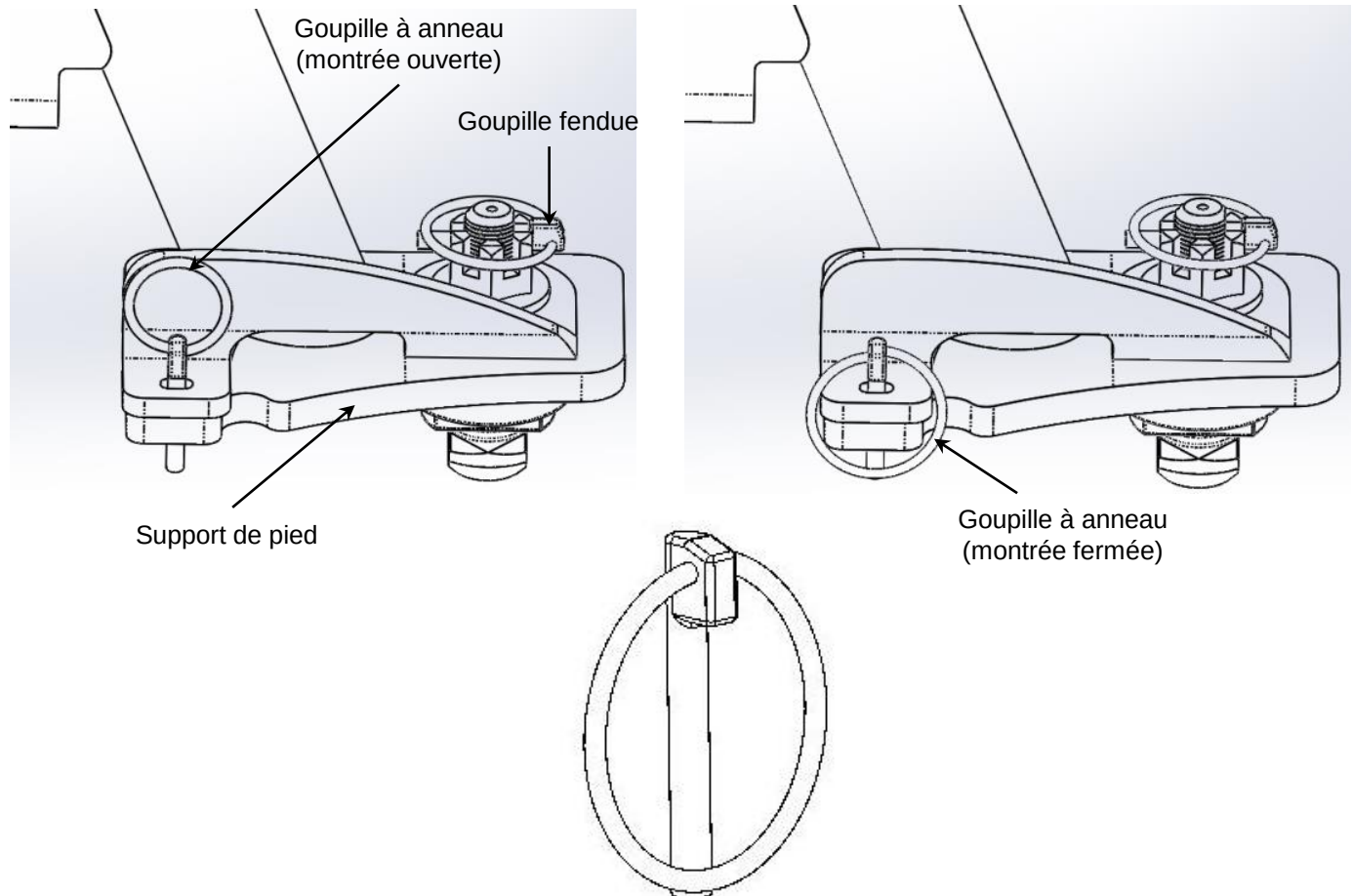
8. Une fois que le réglage du levier est satisfaisant, réinsérer la goupille fendue et plier ses extrémités avec une pince pour la fixer en place. Des goupilles fendues supplémentaires sont fournies dans la trousse de visserie pour votre commodité.
9. Avec les leviers à goupille en T (des jambes GM) verrouillés et les goupilles en T solidement retenues sous la structure de la plateforme, serrer chaque boulon hexagonal M16 au couple de 220 lb-pi.
10. Vérifier que l'attelage est bien serré sur la plateforme de camionnette en soulevant chaque côté de l'attelage.
11. Monter la tête sur la section centrale selon les instructions fournies avec la tête et la section centrale M5.



**ENTRETIEN**

Afin de maintenir un rendement optimal durant toute la durée de vie du produit :

1. Avant chaque voyage, vérifier que les goupilles fendues, les supports de pied et les écrous à créneaux ne sont pas endommagés et qu'ils sont bien verrouillés. Vérifier aussi que les goupilles à anneau sont bien verrouillées en place, avec très peu ou pas de jeu vertical. L'illustration ci-dessus montre l'orientation appropriée de la goupille à anneau par rapport au pied.
2. Tous les 1 600 kilomètres, vérifier les boulons hexagonaux M16 qui fixent la section centrale aux jambes pour s'assurer qu'ils sont toujours serrés au couple de 220 lb-pi.
3. Pour l'entretien général de l'ensemble de l'attelage à sellette, se référer au feuillet d'instructions de la tête et de la section centrale M5.



Goupille à anneau montrée dans la position fermée correcte  
Ne pas inverser l'anneau de l'autre côté de la goupille

Numéro de la pièce achetée :

Lieu de l'achat :

Date de l'achat :

Date de fabrication de la pièce (située sur l'étiquette côté conducteur) :

**REMARQUES :**

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**GARANTIE À VIE LIMITÉE**

1. **Garantie à vie limitée** (« Garantie »). Horizon Global ("Nous") garantit à l'acheteur initial seulement ("Vous") que le produit sera exempt de vices de matériaux et de fabrication pour une période équivalant à la durée de possession, exception faite de l'usure normale, dans la mesure où l'installation et l'utilisation du produit sont conformes aux instructions accompagnant celui-ci. Aucune autre garantie, expresse ou implicite, ne s'applique, y compris les garanties relatives à la qualité marchande ou à l'adéquation à un usage particulier.

Cette garantie n'est pas transférable.

2. **Limites de la garantie.** Cette garantie ne couvre pas : (a) l'usure normale; (b) les dommages causés par l'abus, la négligence, une mauvaise utilisation, ou résultant de tout accident survenu de quelque manière que ce soit; (c) les dommages causés par une application inappropriée, une charge excessive ou une installation inadéquate; (d) un entretien ou une réparation inadéquats; (e) un produit modifié de quelque manière que ce soit par quiconque d'autre que Nous, à l'exception des modifications stipulées dans les instructions accompagnant le produit et réalisées selon les règles de l'art.

3. **Obligations de l'acheteur.** Pour effectuer une réclamation, communiquez avec nous au 47912 Halyard Drive, Suite 100, Plymouth, MI 48170, 1-800-632-3290, et veuillez identifier le produit d'après le numéro de modèle et suivre les directives qui vous seront fournies. Tout produit retourné qui est remplacé par Nous devient notre propriété. Vous serez tenu d'assumer les frais d'expédition de retour. Veuillez conserver votre reçu d'achat afin que nous puissions en vérifier la date et confirmer que Vous êtes l'acheteur initial. Le produit et le reçu d'achat doivent Nous être fournis afin que nous puissions traiter Votre réclamation.

4. **Limites des recours.** Le remplacement du produit est Votre seul recours en vertu de cette Garantie. Nous ne sommes pas responsables des frais de service ou de main-d'œuvre encourus pour l'enlèvement ou la réinstallation d'un produit, ni des dommages accessoires ou indirects, quels qu'ils soient.

5. **Acceptation des risques.** Vous reconnaissez et acceptez que toute utilisation du produit à des fins autres que celle(s) stipulée(s) dans les instructions relatives au produit est faite à vos propres risques.

6. **Loi applicable.** Cette Garantie Vous confère des droits légaux spécifiques, et il se peut que Vous possédiez d'autres droits qui peuvent varier d'une province à l'autre. Cette Garantie est régie par les lois de l'État du Michigan, abstraction faite des règles relatives aux conflits de lois. Les cours d'État situées dans le comté d'Oakland, Michigan, constituent les autorités judiciaires exclusives dans les cas de litiges relatifs à cette Garantie.

**Horizon Global America, Inc**47912 Halyard Drive, Suite 100  
Plymouth, MI 48170



FOR INSTALLATION  
WITH M5 MOUNTING LEGS

## Installation Instructions

### M5 HEAD & CENTER SECTION

Hitch Rated for 27,000 lbs,  
Max. Pin Weight 6,750 lbs

**Part Number:**

30892 & 30894

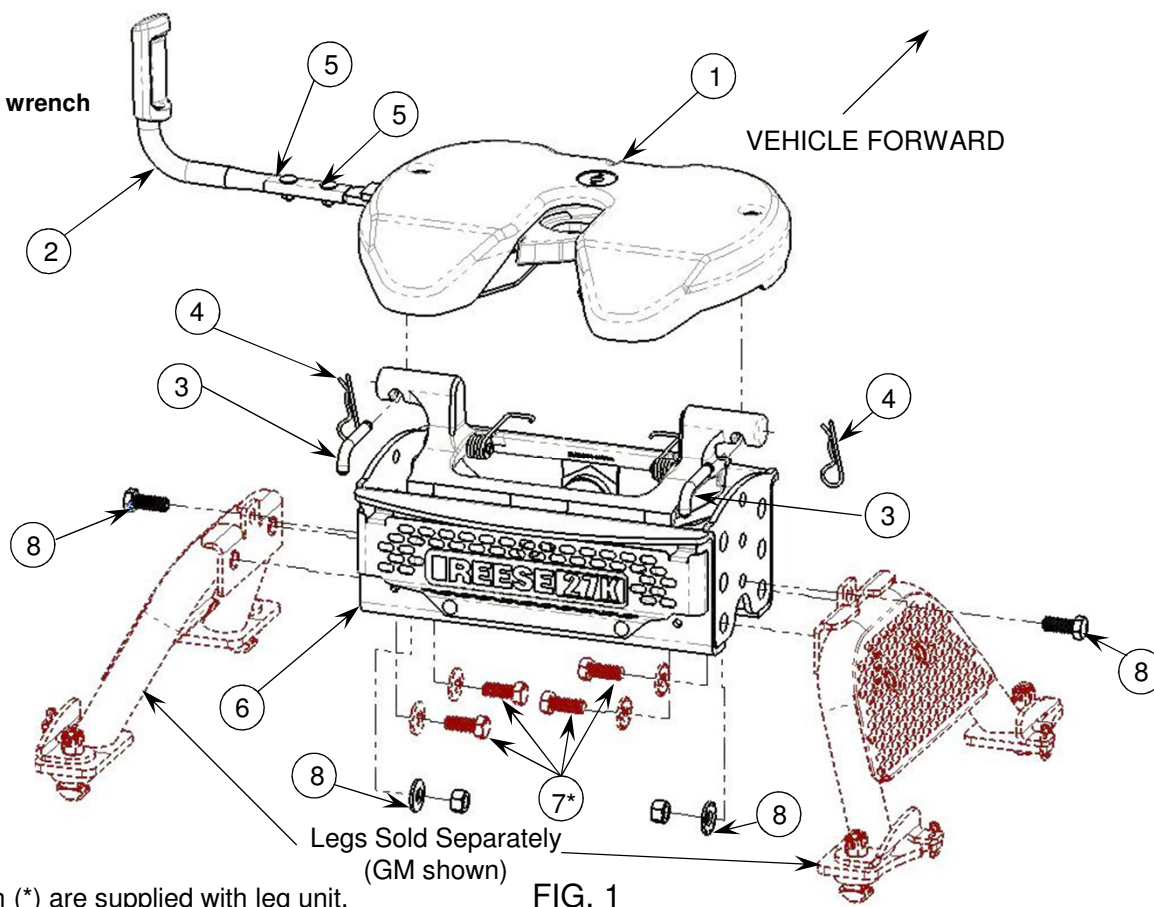
**WARNING:** Under no circumstances do we recommend exceeding the towing vehicle manufacturers recommended vehicle towing capacity.

Failure to follow instructions for installation and use may cause property damage, injury or death.

## READ ALL INSTRUCTIONS BEFORE STARTING THE INSTALLATION

### Equipment Required:

- Fastener kit 30892F
- M13, M24 socket and wrench
- Torque Wrench
- Lithium Grease



Fasteners shown with (\*) are supplied with leg unit.

FIG. 1

| #  | Description            | Qty. | #  | Description            | Qty. | #  | Description      | Qty. |
|----|------------------------|------|----|------------------------|------|----|------------------|------|
| 1  | Assembly – Head Unit   | 1    | 2  | Handle                 | 1    | 3  | ½" Pull Pin      | 2    |
| 4  | Spring Clip            | 2    | 5a | M8 Carriage Bolt       | 2    | 5b | M8 Lock Washer   | 2    |
| 5c | M8 Nut                 | 2    | 6  | Center Section (30894) | 1    | 7* | Bolts & Washers  | 4    |
| 8a | M16x2x40mm cl10.9 Bolt | 2    | 8b | 5/8 Conical Washer     | 2    | 8c | M16 x 2 nut cl10 | 2    |

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Added Clearance to Cab.....p 7

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**\*Note:** Leg Assembly instructions can be found under their individual part number

## Assembly

### Handle Assembly

1. Slide tube over the bar as shown in figure 2, and securely tighten with carriage bolts, lock washers and nuts with M13 wrench. Handle should be snug.

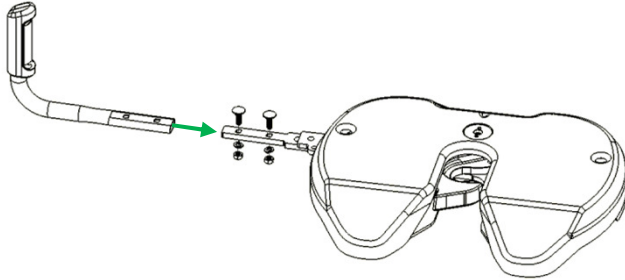


FIG. 2

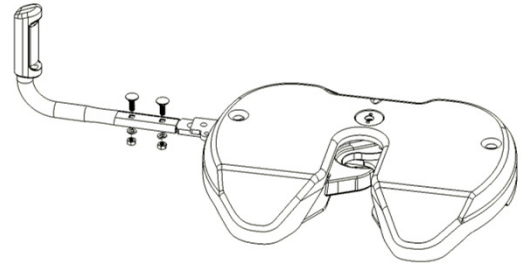


FIG. 3

### Center Section Attachment to Legs

1. Fasteners and assembly instructions are included with the set of legs, sold separately.
2. For height adjustment, the unit should be set to have a minimum of 6" clearance between the truck bed rail and the bottom of the trailer. This unit has 3 possible attachment locations, with 4" of overall adjustment.
3. For added clearance to the truck cab, see page 7.

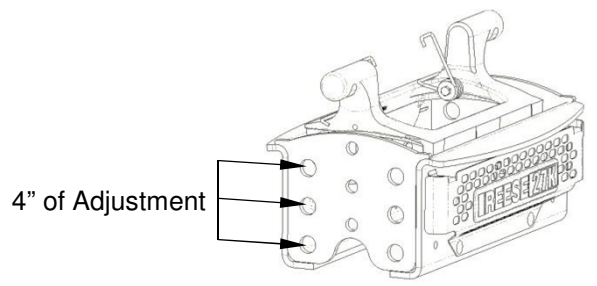


FIG. 4

### Head Attachment to Center Section

1. Apply grease per page 3, figure 9. Place head unit on top of center section, making sure to avoid putting any body parts in pinch points
2. Insert pull pin as shown in figure 6, and secure with spring clips. Both sides required.
3. Inspect through sight holes on top of head pan to make sure clips are assembled correctly, as shown in figure 7

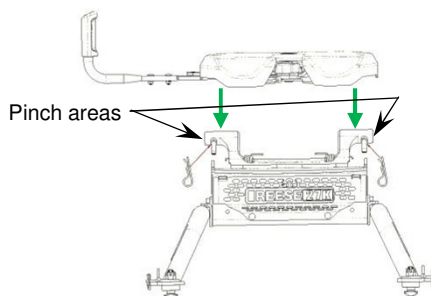


FIG. 5

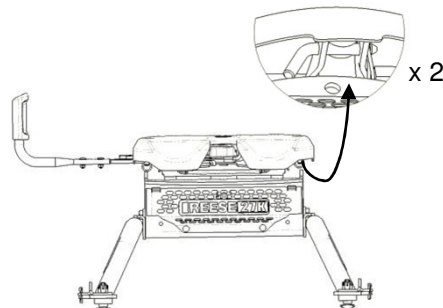


FIG. 6

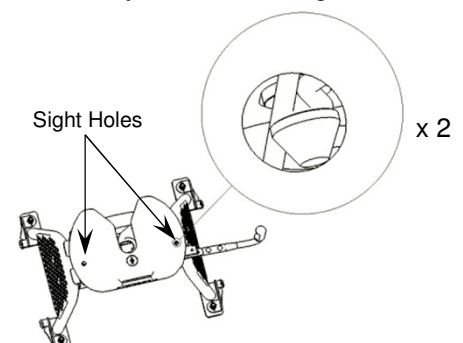


FIG. 7

## Maintenance

This unit is designed to need very little maintenance and be one of the quietest on the market. In order to ensure long term performance, it is recommended to lubricate as indicated below;

### Every Use

1. Apply grease to skid plate surface, to provide lubricated surface for attachment to trailer.  
Note: Plastic lube plates can be used to avoid messy grease. Plate must not exceed 3/16" in thickness to ensure hitch works properly. REESE 5<sup>th</sup> Wheel Lube Plate #83001 is recommended.
2. Apply grease to 5<sup>th</sup> wheel jaw and/or kingpin on the trailer.

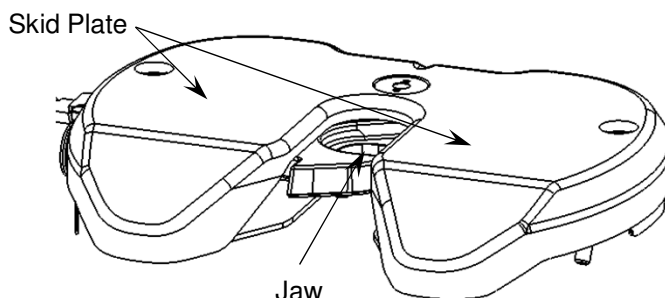
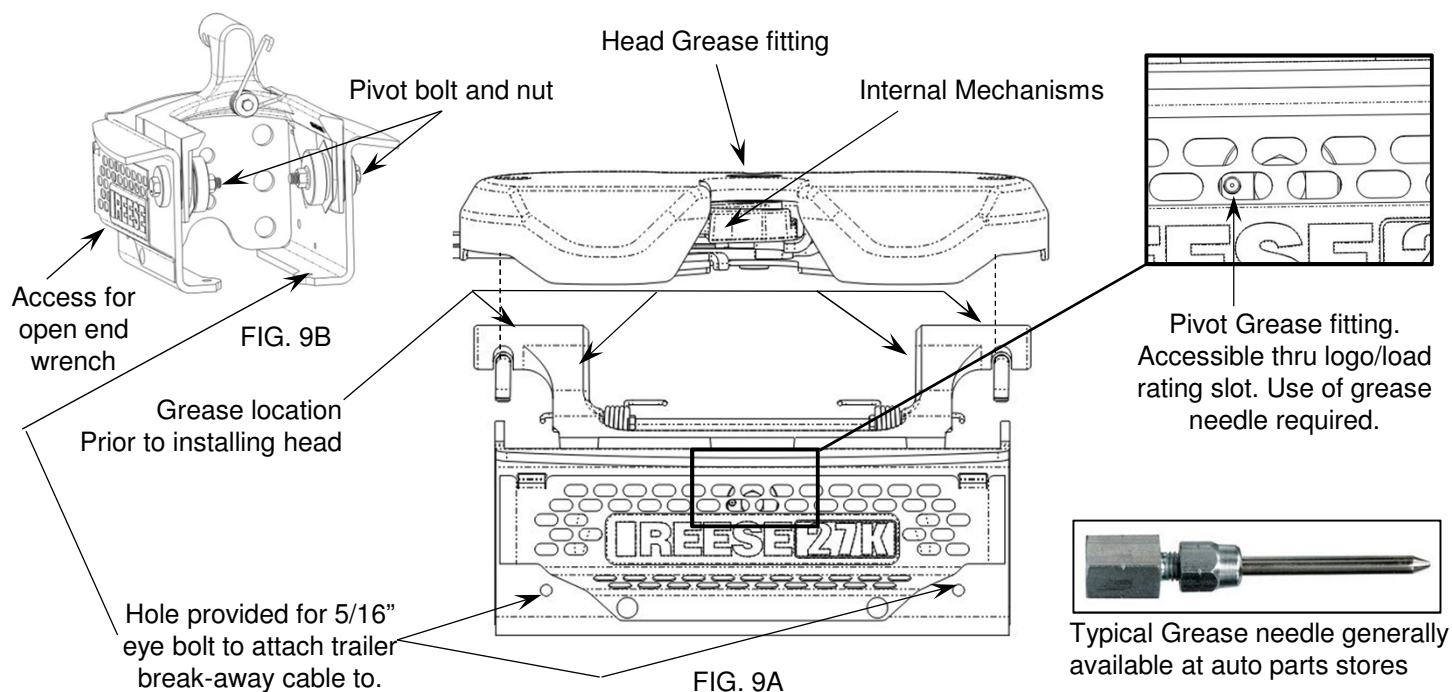


FIG. 8

### Annually/As Required

1. Apply grease via the grease fitting on the top of the unit. (Grease needle required, see fig. 9) Head comes pre-greased
2. Apply spray on white lithium grease to internal mechanisms - rotate handle a few times to distribute the lubricant.  
Note: May need to wipe down unit to remove large debris before application of grease.
3. Greasing the pivot assemblies can easily be done with a grease gun that has a needle adapter installed.
4. The pivot assembly resistance is preset at factory. If head pivots and makes noise when trailer is not attached, adjust the resistance more by tighten pivot bolt 1/2 turn at a time (2 full turns max.). See figure 9B.
5. The pivot assembly can be rebuilt if require. Instructions to do this will be in rebuild kit.



### Functionality Overview

#### Ready-to-Receive Position:

**When will the head will be in this position:**

- When delivered
- When hitch not in use
- When coupling to trailer
- After uncoupling from trailer

**How to tell the head is in this position:**

- Handle is pulled out so holes do not align for bail pin
- Handle is easily movable towards cab, and returns to default position upon release
- Indicator shows **RED**

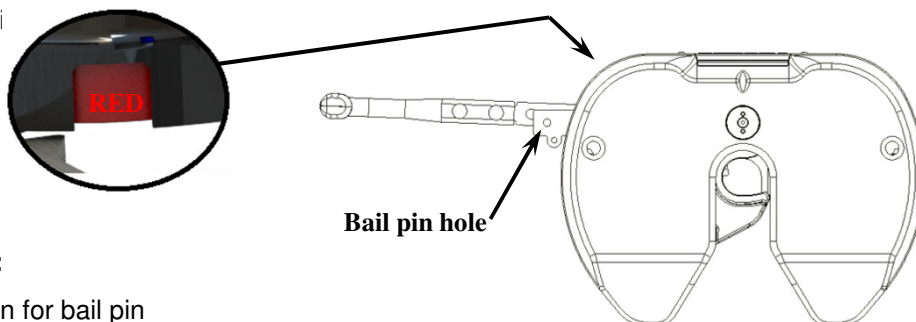


FIG. 10

#### Locked Position:

**When will the head will be in this position:**

- When coupled to trailer

**How to tell the head is in this position:**

- Handle is in a position that holes align for bail pin insertion.
- Indicator ONLY shows **GREEN**

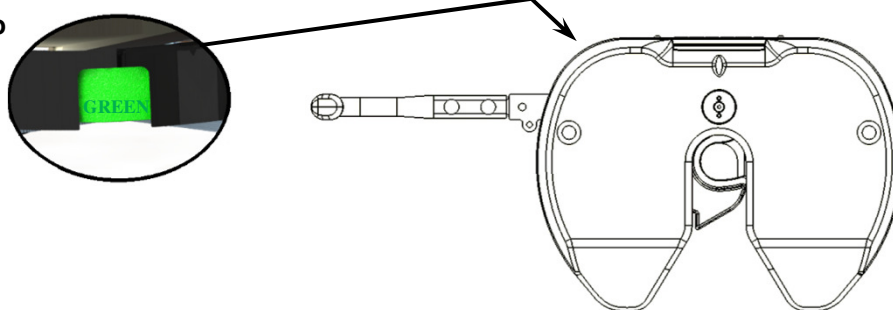


FIG. 11

#### Unhitching Position:

**When will the head will be in this position?**

- When unhitching the trailer

**How to tell the head is in this position:**

- Handle is in position shown\*
- Indicator shows **RED**

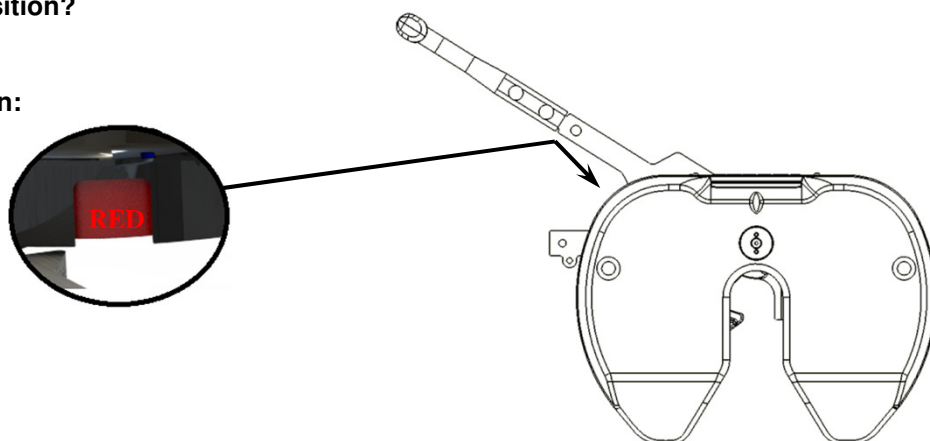


FIG. 12

\*If there is tension between truck and trailer, the truck or trailer may shift when handle is pulled. In this case, handle will start to return to ready-to-receive position, but trailer will still uncouple.

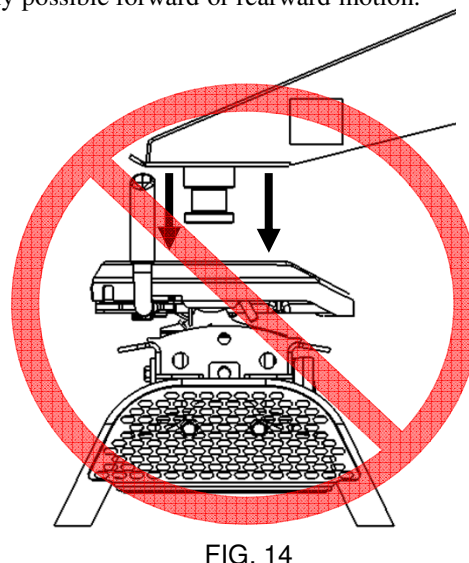
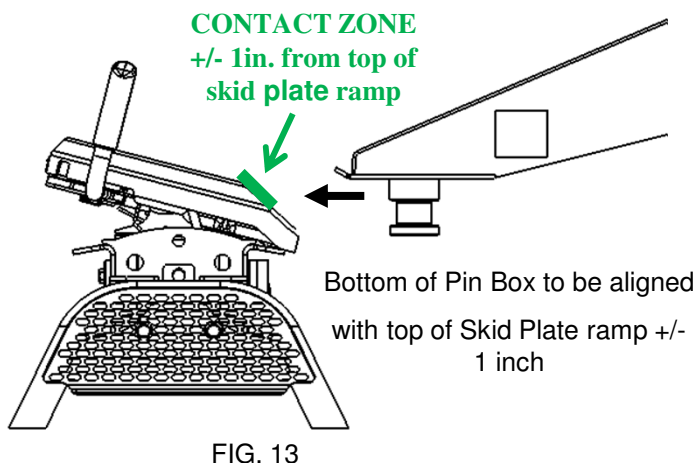
### Hitching Procedure

Before hitching to a trailer, make sure your 5<sup>th</sup> wheel height is correct.

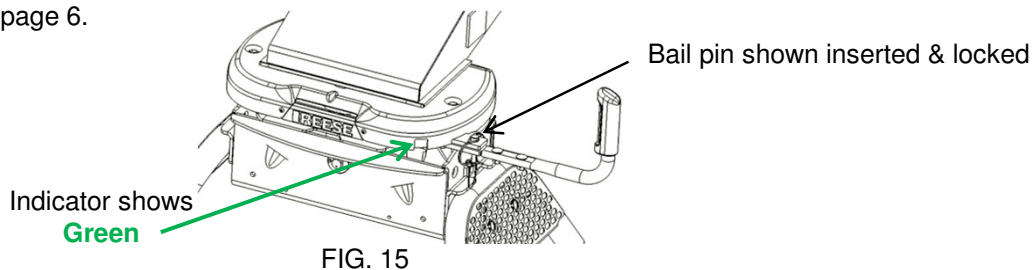
Information on how to properly set the height of your 5<sup>th</sup> wheel hitch can be found in the Leg Installation Instructions.

**Failure to follow these instructions may result in death or serious injury**

- 1) Make sure truck and trailer is in position to couple
  - A. 5<sup>th</sup> wheel is correctly secured to truck
  - B. Truck tailgate is lowered if necessary
  - C. Blocks/Chocks are firmly against each trailer wheel to prevent any possible forward or rearward motion.
  - D. Pin box is at correct height for hitching (fig. 13 & 14).
  - E. Make sure head is in Ready-to-Receive position (pg. 4, fig.10)

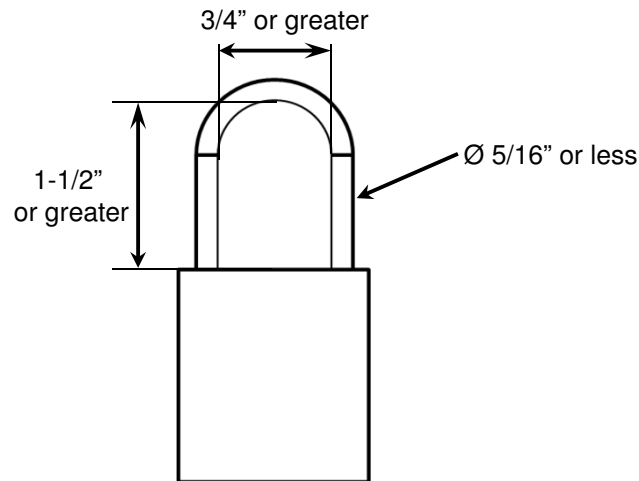


- 2) Back truck slowly into trailer so the trailer king pin and 5<sup>th</sup> wheel funnel align. Hitch will latch automatically when truck is backed completely into trailer king pin. When this occurs, the indicator will be 100% **green** (pg. 4, fig. 11).\*
- 3) Perform Pull Test –
  - A. With trailer wheels still firmly blocked, trailer landing gears firmly on the ground supporting trailer weight, and trailer brake on, make sure no one is between the truck and trailer.
  - B. Try to pull trailer slowly forward. If trailer is properly hitched, proceed to Step 4. If trailer is not properly hitched, trailer will separate from hitch, and truck will move forward - repeat steps 1 thru 3.
- 4) Insert bail pin into lock hole, as shown in figure 15, or lock for added security. Possible lock dimensions shown on page 6.



- 5) Connect electrical cable and breakaway switch cable between truck and trailer, raise tailgate if necessary.
- 6) Remove chocks/blocks and lift trailer jacks.

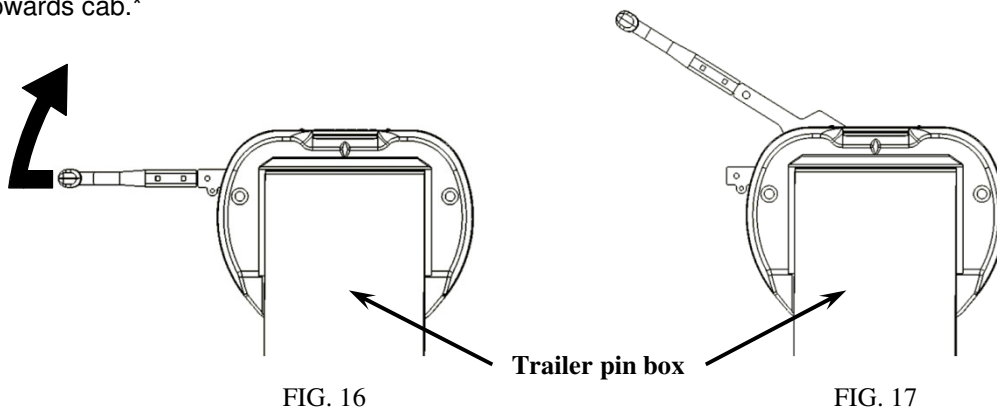
\*Jaw may not close if under compression. If fully backed into trailer and not fully latched, pull truck slowly forward to remove load on jaw. Handle will fully latch.



## **Unhitching Procedure**

**Failure to follow these instructions may result in death or serious injury**

- 1) Make sure trailer is secure
  - A. Blocks/Chocks are firmly against each trailer wheel to prevent any possible forward or rearward motion.
  - B. Trailer jacks are lowered and are firmly on the ground
- 2) Make sure truck is ready to unhitch:
  - A. Tailgate is lowered as necessary
  - B. Electrical cable and breakaway switch cable are disconnected.
- 3) As truck and trailer may shift when unhitching, ensure no person or vehicle is in the vicinity of truck or trailer when unhitching
- 4) Remove bail pin from locking hole, and move handle to unhitching position (fig. 17) by pulling out and rotating towards handle towards cab.\*



- 5) Drive truck slowly away from trailer

\*If there is tension between truck and trailer, the truck or trailer may shift when handle is pulled. In this case, handle will start to return to ready-to-receive position, but trailer will still uncouple.

**TO INCREASE THE GAP BETWEEN TRAILER AND TRUCK CAB by 1-1/2".**

The center section has an option to increase the gap between the trailer front and the truck cab by 1-1/2" by rotating the center section 180 degrees.

Location of king pin should be ahead of truck rear axle and have proper truck cab clearance

1. Remove the head by pulling the spring clips off the head retainer pins. Then pull the head retainer pin out of the head.

**Hint;** A slight push down on the head will help this. **Caution, avoid getting fingers pinched.**

2. Lift the head off and set aside.
3. Remove the bolts holding the legs on the center section and rotate the center section (all vehicles), **OR** disconnect the feet from the bed and rotate the center section and leg assembly (not possible with RAM vehicles).
4. Re connect the center section or the center section and leg assembly per the installation instructions of that portion.
5. Remove the logo/rating cover by gently prying the two lower plastic retainers with the cover away from the center section. Avoid scratching the paint by using plastic auto trim tools. The top will pivot and pull away once the cover rotates up enough.
6. Re-install on the other side (truck rear) by reversing the above process.
7. Remove the head springs by removing the 1/4" bolt (7/16" socket) and flip them from right to left. When installed properly, the springs should be pointing up towards the truck cab and tighten to 7-8 ft-lbs. Springs will flex freely.
8. Re apply grease to the head and center section interface and re-install the head per instructions.

**Caution; place hands or fingers on either side of the pivot interface to prevent pinching.**

9. Re-install head retainer pins and clips per head instructions.

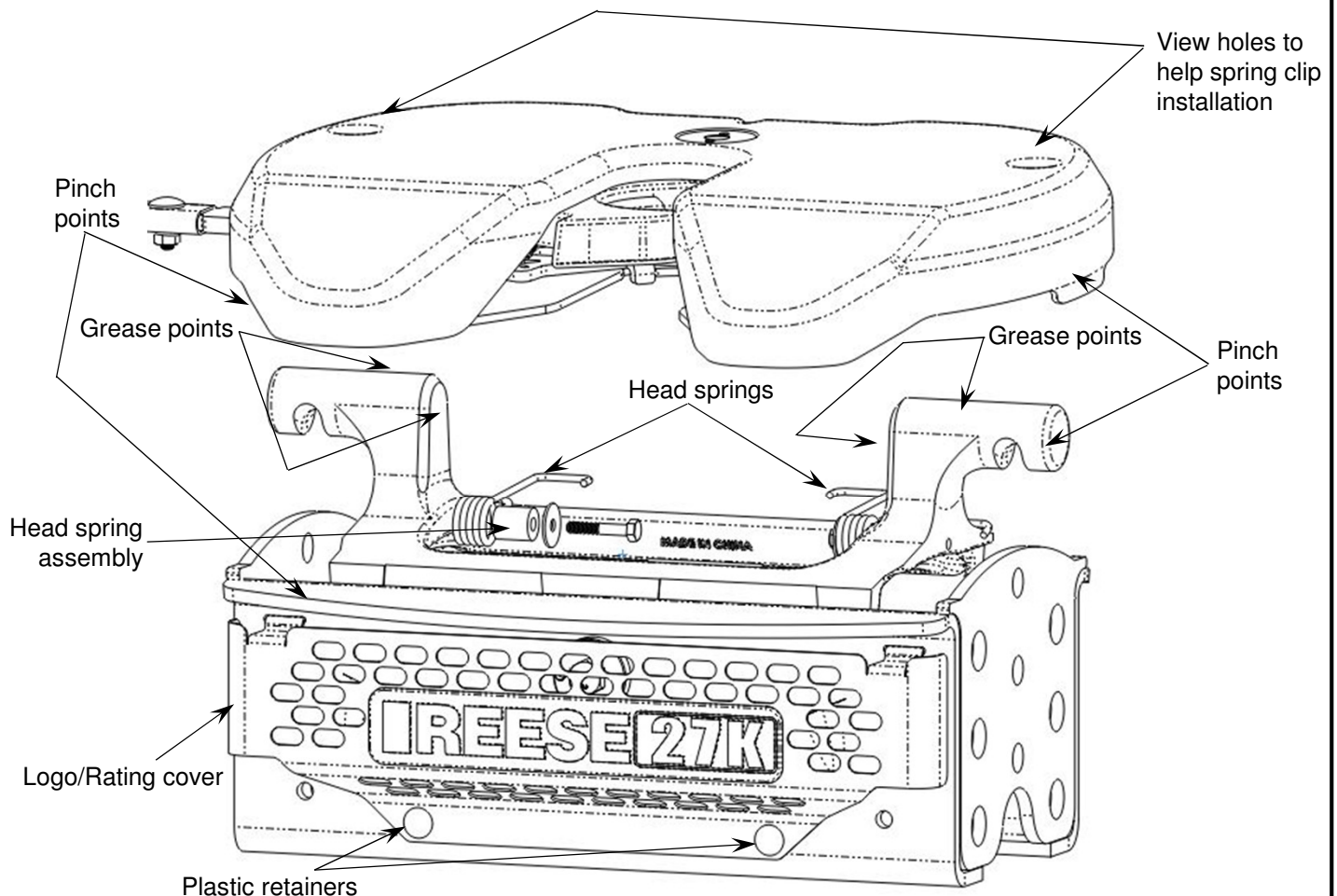


FIG. 18

Shown in factory location with offset towards cab of truck

## Product Instructions:

### Head & Center Section

**NOTES:**

Part Number Purchased:  
Place of Purchase:  
Date of Purchase:  
Part Manufactured Date (located on driver-side sticker):

#### LIMITED LIFETIME WARRANTY

- 1. Limited Lifetime Warranty ("Warranty").** Horizon Global ("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 for a period of lifetime of ownership, ordinary wear and tear excepted; 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.
- 2. Limitations on the Warranty.** 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.
- 3. Obligations of Purchaser.** To make a Warranty claim, contact Us at 47912 Halyard Drive 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.
- 4. Remedy Limits.** 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.
- 5. Assumption of Risk.** 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.
- 6. Governing Law.** This Warranty gives You specific legal rights, and You also may 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.

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