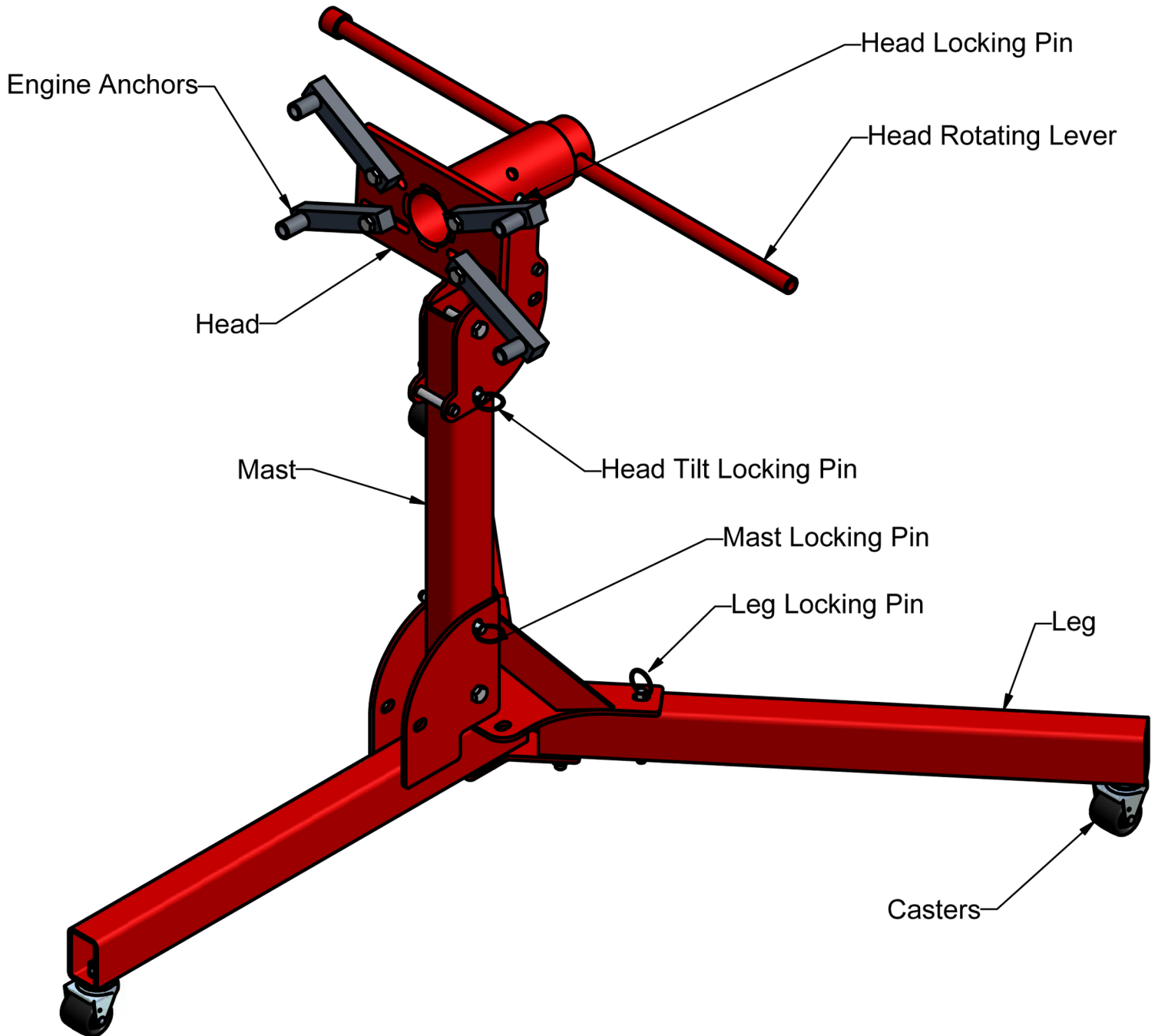


Fold n' Tilt Assembly



STOP
**1. DO NOT OVER-TIGHTEN BOLTS! DOING SO MIGHT STRIP
THREADS FROM STUD!**
**2. IF FOR ANY REASON PARTS ARE MISSING DUE TO SHIPPING
PLEASE CALL: 1-800-568-7423 EXT 188**

Fold n' Tilt Assembly

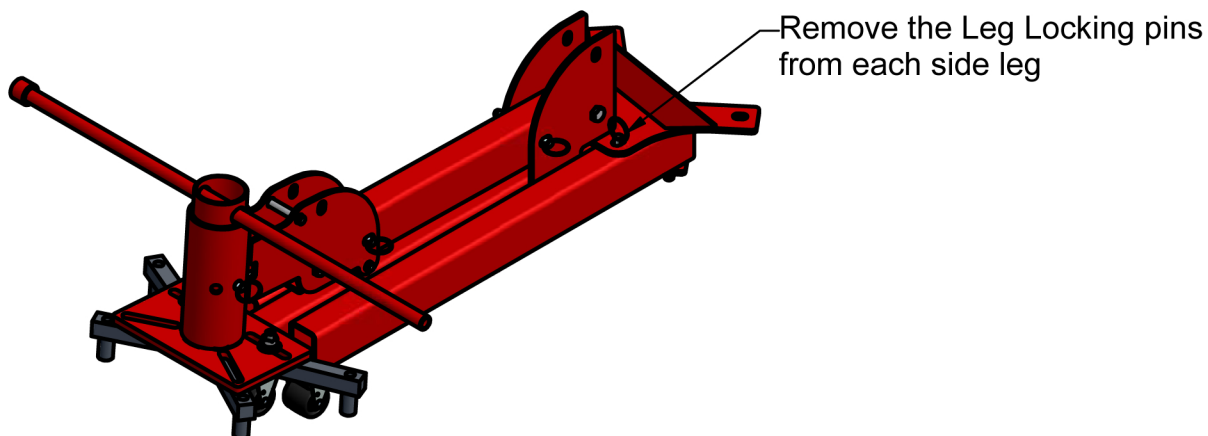


FIGURE 1

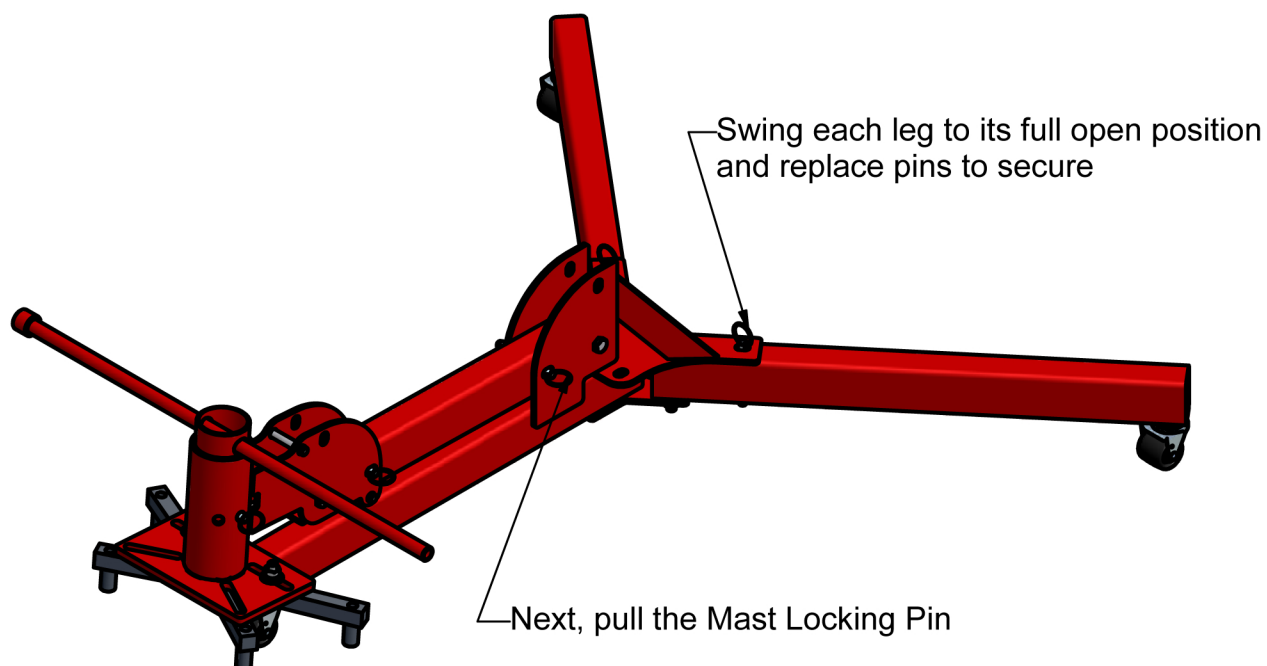


FIGURE 2



STOP

- 1. DO NOT OVER-TIGHTEN BOLTS! DOING SO MIGHT STRIP THREADS FROM STUD!**
- 2. IF FOR ANY REASON PARTS ARE MISSING DUE TO SHIPPING PLEASE CALL: 1-800-568-7423 EXT 188**

Fold n' Tilt Assembly

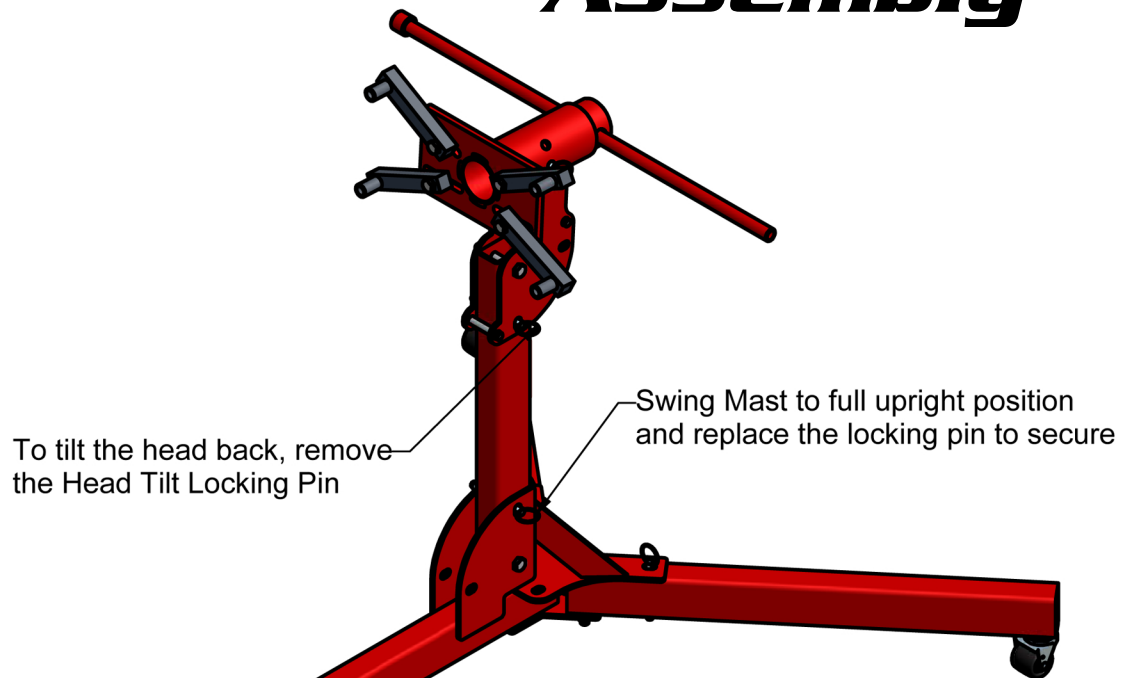


FIGURE 3

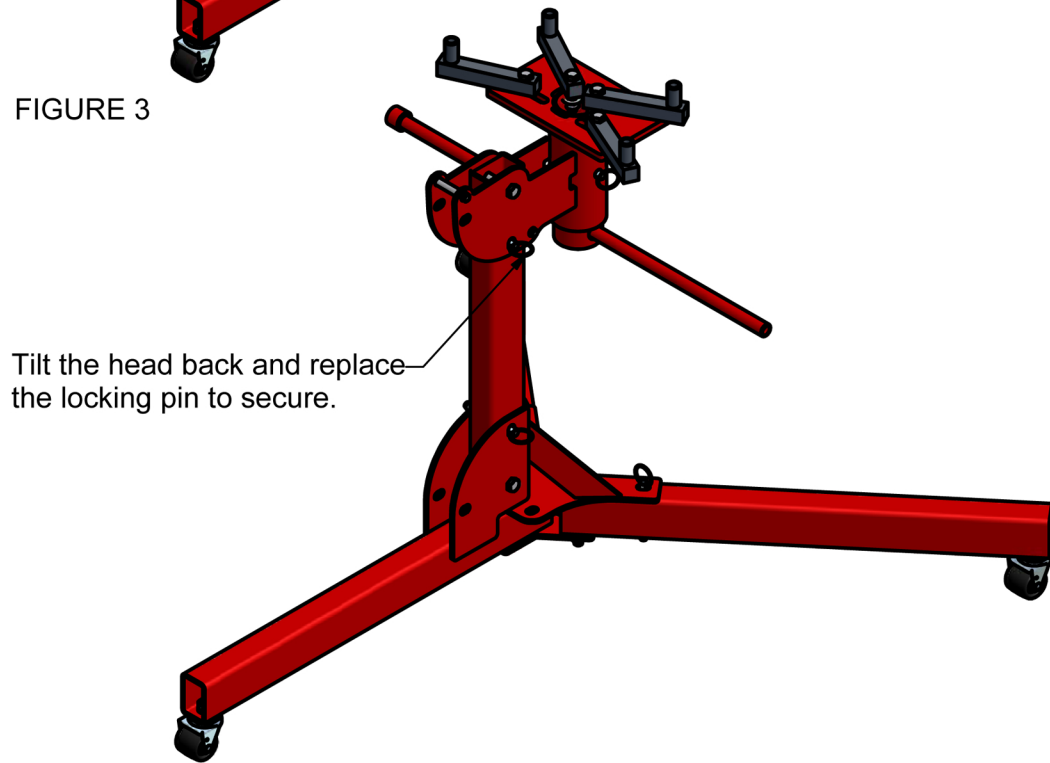


FIGURE 4



STOP

- 1. DO NOT OVER-TIGHTEN BOLTS! DOING SO MIGHT STRIP THREADS FROM STUD!**
- 2. IF FOR ANY REASON PARTS ARE MISSING DUE TO SHIPPING PLEASE CALL: 1-800-568-7423 EXT 188**

Fold n' Tilt Assembly

Safety Precautions

! Carefully read the following safety precautions before attempting to use the Merrick Originals Tilting Engine Stand

- Wear non-skid shoes with steel toes
- When lifting heavy objects by hand, use your legs, not your back
- Get help when lifting heavy objects
- Rotate and tilt engine slowly so as not to strain the connections to the block
- Be sure the engine anchors are positioned correctly for the engine block and tightened securely
- Be sure all locking pins are securely in place before approaching the engine for work
- The tilting and rotating head should be locked before approaching the engine for work
- Securing the engine to the engine anchors is entirely up to the user's discretion, use extreme caution
- The connection between the engine and the engine anchors should withstand the side load of the engine block when it is rotated or tilted
- The engine must be connected to all four engine anchors
- The engine center of gravity should lie along the rotating head centerline before rotating
- No adjustments should be made to the engine stand while it is supporting the weight of the engine

Operation

The following procedure outlines the steps for the use of the Tilting Engine Stand. Refer to the illustration for further detail.

Unpacking

1. The Tilting Engine Stand ships fully assembled. Check the shipping container for any parts that may have come loose during shipping.
2. Report any damage to the freight company and contact 800-568-7423 ext 188 to order replacement parts.
3. Always double check the pins and make sure they are fully inserted through both walls of the tubes.
4. Remove the Leg Locking Pins from each leg and swing the legs to their fully open position. Reinsert the pins to secure (Fig 1 & 2).
5. Remove Mast Locking Pin and tilt the Mast to its full upright position and reinstall the locking pin to secure (Fig 2 & 3).



STOP

- 1. DO NOT OVER-TIGHTEN BOLTS! DOING SO MIGHT STRIP
THREADS FROM STUD!**
- 2. IF FOR ANY REASON PARTS ARE MISSING DUE TO SHIPPING
PLEASE CALL: 1-800-568-7423 EXT 188**

Fold n' Tilt Assembly

6. To tilt the Head back, remove the Head Tilt Locking Pin and tilt the Head back. Reinstall the locking pin to secure (Fig 3 & 4).

Installing Engine

1. To mount the engine to the Tilting Engine Stand, lock the Head in its normal horizontal position and make sure all pins are secure. ***Review safety precautions!***
2. Loosen the bolts holding the engine anchors to the head so they are free to rotate and slide on the head.
3. Suspend the engine by other means so as to present a tapped flange, such as the bell housing, to the head of the Tilting Engine Stand.
4. Adjust the engine anchors to align with a hole on the flange and secure using an appropriately sized bolt (not provided). Do not tighten yet.
5. With all the engine anchors attached, position the engine so the center of gravity is located on the rotating axis of the Head.
6. Tighten all the bolts on the engine anchors.
7. Double check all the connections and pins; then remove the other supporting means.

Rotating Engine

1. To rotate engine, first double check to be sure all connections are secure.
2. Remove pin from the rotating head.
3. Insert Head Rotating Lever into the hole provided.
4. Rotate the engine to the desired position until one of the locking holes is aligned. ***Note: Two holes have been provided on the outer sleeve to allow locking every 45 degrees.***
5. Reinsert the locking pin to secure.

Tilting Engine

1. To tilt the Head back, remove the Head Tilt Locking Pin and tilt the Head back. Reinstall the locking pin to secure (Fig 3 & 4).
2. Engines are heavy! Get help when tilting the engine to prevent injury!
3. Avoid letting the engine “drop” into position. This could loosen the mounting bolts causing an unsafe condition and/or damage the Tilting Engine Stand.



STOP

1. DO NOT OVER-TIGHTEN BOLTS! DOING SO MIGHT STRIP THREADS FROM STUD!
2. IF FOR ANY REASON PARTS ARE MISSING DUE TO SHIPPING PLEASE CALL: 1-800-568-7423 EXT 188