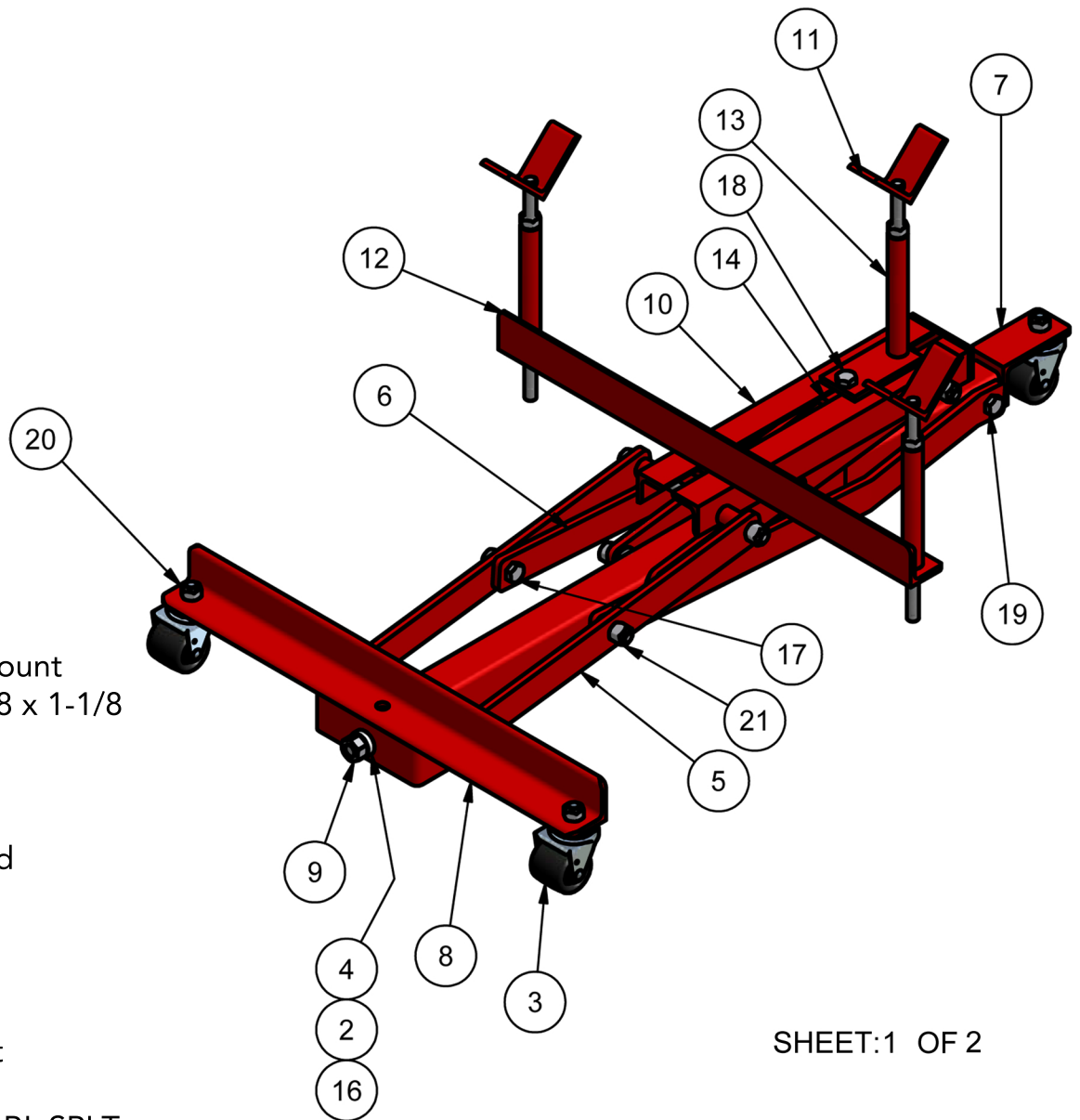


Axle Lift Assembly



- 1 Flat Washer 7/16
- 2 Flat Washer 9/16
- 3 Caster-2" Stud Mount
- 4 Bearing-Thrust 5/8 x 1-1/8
- 5 Strut-Lift
- 6 Link-Lifting
- 7 Inner Frame Weld
- 8 Outer Frame Weld
- 9 Screw Weld
- 10 Lift Carriage
- 11 Yoke Weldment
- 12 Clamp Base-Rear
- 13 Clamp Base-Front
- 14 Nut
- 16 5/8in SHFT CLR DBL SPLT
- 17 HHCS 1/2-13x1-1/2
- 18 HHCS 1/2-13x1
- 19 HHCS 1/2-13x3-1/2
- 20 Hex Nut 1/2-13 UNC
- 21 Hex Lock Nut 1/2-13 UNC Nylok

SHEET:1 OF 2

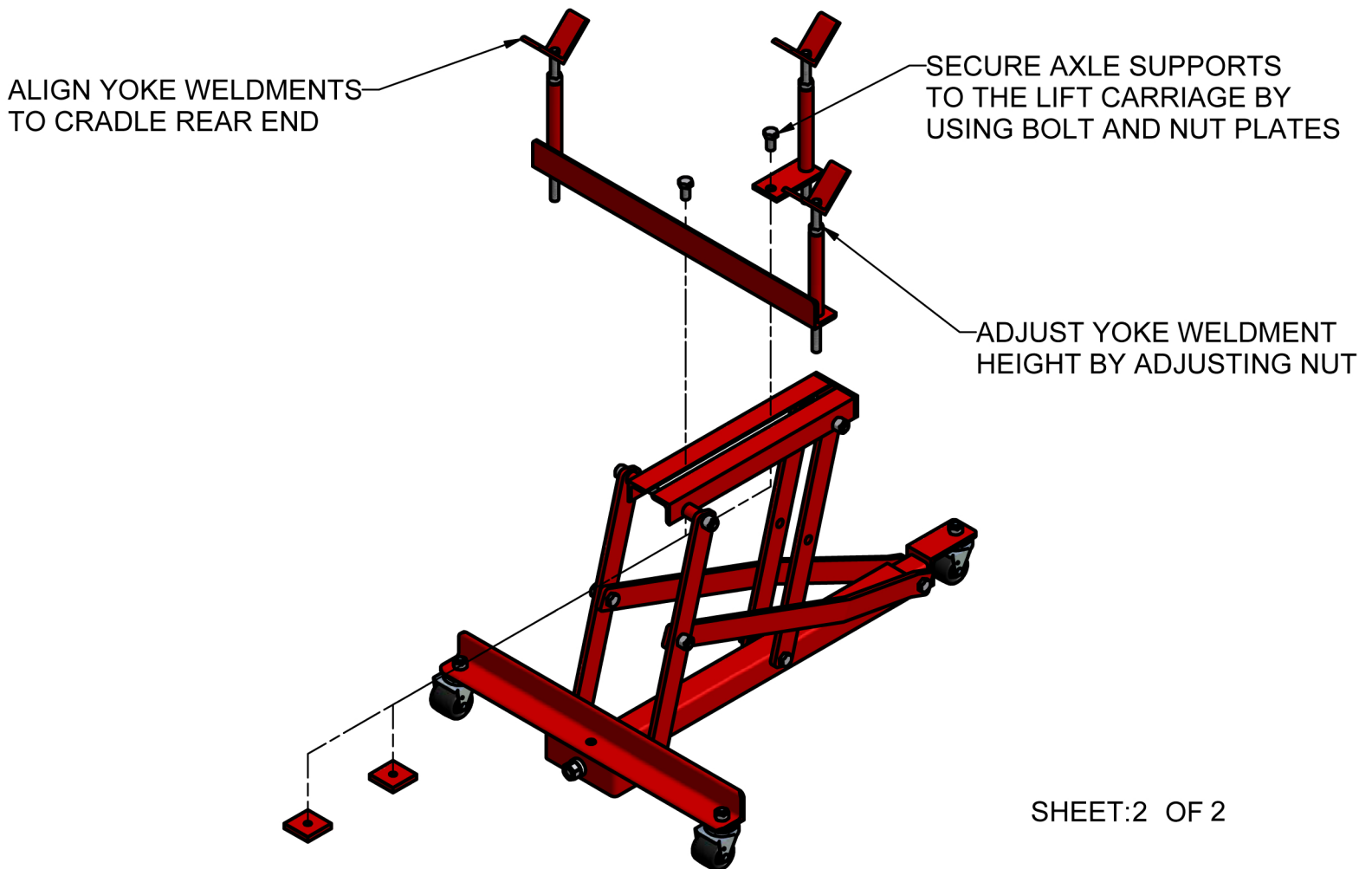
DO NOT OVER-TIGHTEN BOLTS! DOING SO WILL RESTRICT CASTER MOVEMENT!



STOP

1. TAKE CAUTION ROLLING ON ROUGH SURFACES AND EXPANSION JOINTS. TIPPING MAY OCCUR! LOCK AXLES WHENEVER POSSIBLE
2. IF FOR ANY REASON PARTS ARE MISSING DUE TO SHIPPING PLEASE CALL:
1-800-568-7423 EXT 188

Axle Lift Assembly



SHEET:2 OF 2

DO NOT OVER-TIGHTEN BOLTS! DOING SO WILL RESTRICT CASTER MOVEMENT!



STOP

1. TAKE CAUTION ROLLING ON ROUGH SURFACES AND EXPANSION JOINTS. TIPPING MAY OCCUR! LOCK AXLES WHENEVER POSSIBLE
2. IF FOR ANY REASON PARTS ARE MISSING DUE TO SHIPPING PLEASE CALL:
1-800-568-7423 EXT 188

Safety Precautions

Axle Lift Assembly

! Carefully read the following safety precautions before attempting to use the Merrick Originals Rear-End Jack

- 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
- When raising jack, be sure not to “top-out” the mechanism
- When lowering jack, be sure not to “bottom-out” the mechanism
- Raise and lower rear-end gradually
- Securing the rear-end to the support yokes is entirely up to the user’s discretion, use extreme caution
- The support yokes should be secured to the lifting carriage to prevent shifting of the rear-end
- The overall height of the support yokes should be kept to a minimum to increase their stability
- No adjustments should be made to the Rear-End Jack while it is supporting the weight of the rear-end
- The rear-end should be completely supported by other means while making adjustments to the support yokes

Operation

The following procedure outlines the steps for the use of the Rear-End Jack. Refer to the illustration for further detail.

1. Support the vehicle by other means such as jack stands or blocks so the rear end is supported only by the vehicle itself.
2. Remove wheels and brake lines from the rear-end.
3. Carefully position the Rear-End Jack under the rear-end and adjust the yokes to align with the axle and pinion.
4. Elevate the support yokes to align with the rear-end. **NOTE:** Keep the yoke height to a minimum to increase stability.
5. Use an impact wrench to tighten the lead screw in order to elevate the lift carriage to lightly engage the rear-end.
6. Make final adjustments to the yokes and secure them to the lift carriage.
7. Use the impact wrench again to raise the lift carriage until it is supporting the weight of the rear-end. **NOTE:** Do NOT “top-out” the mechanism.
8. Disconnect the rear-end from the vehicle and drive shaft.
9. Use the impact wrench to loosen the lead screw and drop the lift carriage. **NOTE:** Do NOT “bottom-out” the mechanism.
10. Carefully roll the Rear-End Jack and rear-end out from under the vehicle.
11. Reverse the operations to install the rear-end into the vehicle.

DO NOT OVER-TIGHTEN BOLTS! DOING SO WILL RESTRICT CASTER MOVEMENT!



STOP

1. TAKE CAUTION ROLLING ON ROUGH SURFACES AND EXPANSION JOINTS. TIPPING MAY OCCUR! LOCK AXLES WHENEVER POSSIBLE
2. IF FOR ANY REASON PARTS ARE MISSING DUE TO SHIPPING PLEASE CALL:
1-800-568-7423 EXT 188