



# Assembly, Installation, Operation and Maintenance Instructions Folding Tow Bar 5,000 LB Capacity Part # 30508

<b>Dealer/Installer:</b>	Provide a copy of these Instructions to the end user of this product. These Instructions provide important operating and safety information for proper usage of this product. Demonstrate the proper use of the product with the end user. Have the end user demonstrate that they understand the proper use of the product. Please refer to the husky weight calculator at <a href="http://www.huskytow.com/support/technical/installation manuals">www.huskytow.com/support/technical/installation manuals</a> .
<b>End User:</b>	Read and follow all instructions included in this manual. Ask your Dealer / Installer for assistance if you do not understand the proper use of the product. Never remove any warning decals from the product.

Parts List					
Part	Description	Qty.	Part	Description	Qty.
1	2" Coupler	1	9	1/2"-13 Flange Lock Nut	2
2	Tow Bar	2	10	Bolt Plate	2
3	Tow Bar Bracket	2	11	Lock Pin	2
4	Vehicle Mounting Bracket	2	12	3/8"Serrated Washer	4
5	1/2"-13 X 1-3/4" Hex Head Bolt	4	13	3/8"-16 Indent Lock Nut	4
6	1/2" Flat Washer	4	14	Instruction Sheet	1
7	1/2"-13 Indented Lock Nut	4			
8	1/2"-13 X 3-1/2" Hex Head Bolt	2			

Tools Required
3/4" Wrench & Socket
9/16" Wrench & Socket
1/2" Drill Bit
Drill
Ratchet
Torque Wrench
Safety Glasses

## ! WARNING !

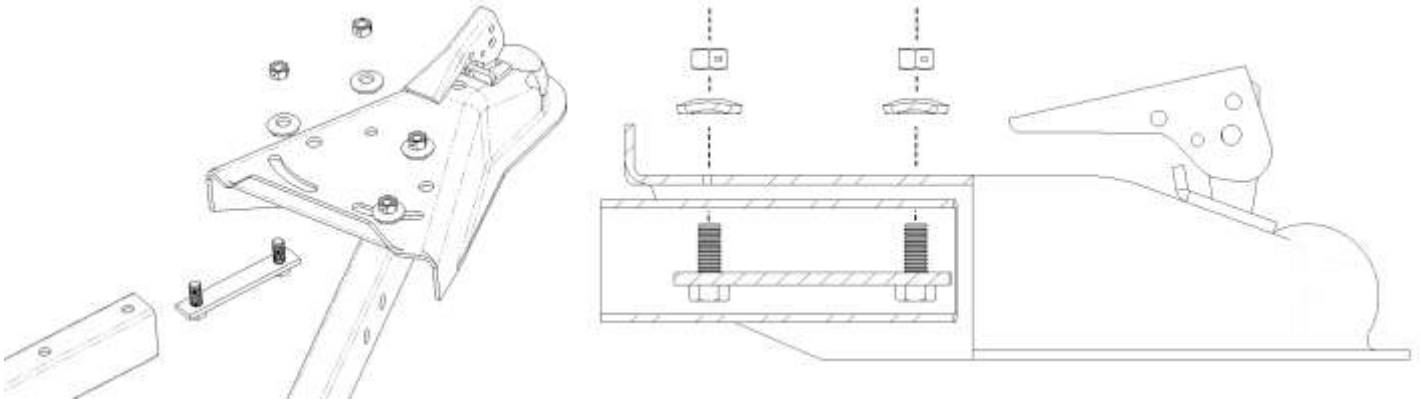
**NEVER** Use a pickup or van to tow another vehicle as the light rear end of these vehicles can cause unsafe towing conditions. When braking the towed vehicle will push the rear of the towing vehicle. This pushing may cause the vehicles to jackknife and/or lose control. The air turbulence from passing vehicles can also cause loss on control. The total weight of the towed vehicle must not exceed 5,000 lbs. and must not exceed the towing capacity of the towing vehicle. This tow bar is sold WITHOUT safety chains. Some states require the use of double safety chains. Use only Class III 1/4" proof coil chain rated for at least 5,000 lbs. capacity..

### Important:

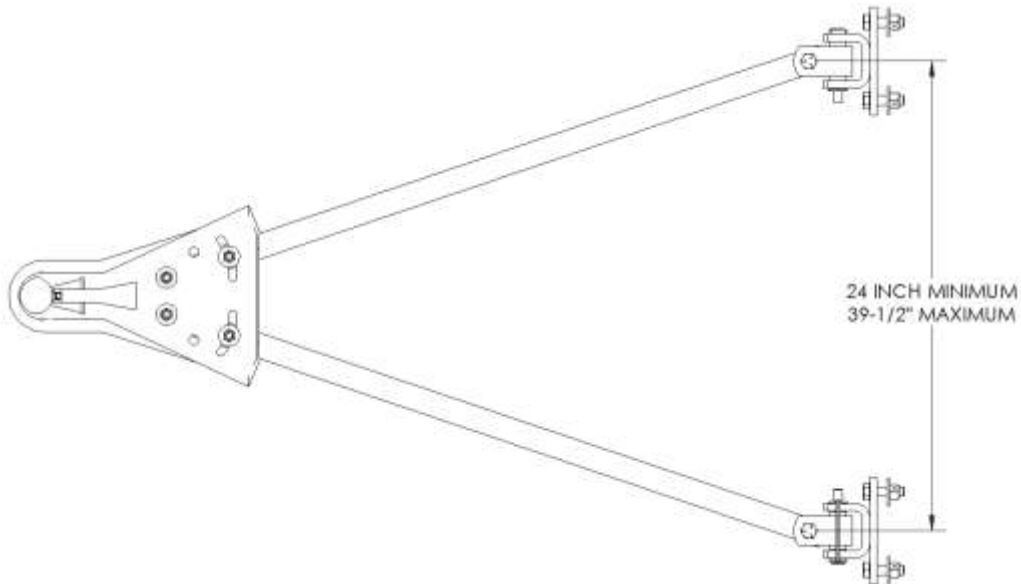
1. This tow bar should be attached to bumper components which give a solid, unyielding attachment point. Bumper mounting bracket bolts may be used for tow bar attachment if they are spaced properly and have secure frame connections. Many applications may require that special mounting brackets be built by the installer to give adequate frame attachment and reinforcement. Check bumper carefully before attaching only to bumper face. Most bumpers cannot withstand the towing pressure.
2. This tow bar should be installed by a qualified professional installer that is experienced in fabricating vehicle attachment brackets and selecting appropriate attachment areas with sufficient strength for this application.
3. Coupler must be adjusted to fit and lock snugly over a 2" ball used for towing.
4. Check the towing vehicle's manual and receiver hitch for GVWR. Both must exceed 5,000 lbs.
5. Check the towed vehicle's manual to determine if it is acceptable to be flat towed.

### Installation Instructions:

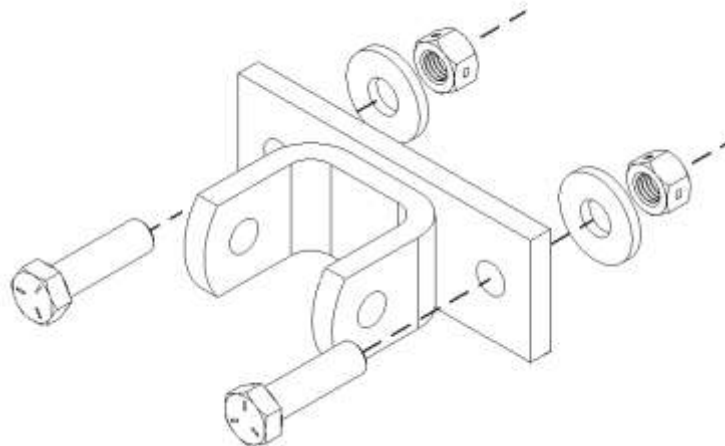
1. Place bolt plates in tow bars and attach to coupler using the supplied 3/8" hardware.



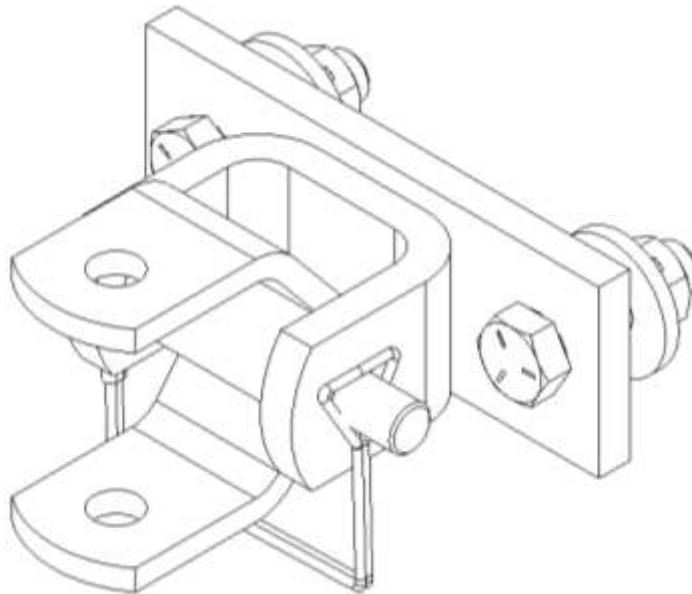
2. Center the tow bar on the mounting surface. Spread the tow bars to a minimum of 24" between the frame mounting brackets. A spread of 35" to 39" is best for a secure tow bar alignment; but NO MORE than 39 -1/2". Attach the frame mounting brackets to a flat, vertical surface as near the bumper mounting brackets as possible. Drill four 1/2" attachment holes in the mounting surface at the pre-determined points.



3. Attach both frame mounting brackets to their attachment points with the supplied 1/2" x 1-1/2" hex bolts and the fabricated reinforcement plates. Place the reinforcement plates inside the bumper mounting surface. Only hand tighten attachment bolts at this time.



4. Attach the tow bar bracket to the frame mounting brackets with the supplied 1/2" lock pins.



5. Tighten the four 1/2" frame mounting bracket attachment bolts to 75 ft. lbs. torque.

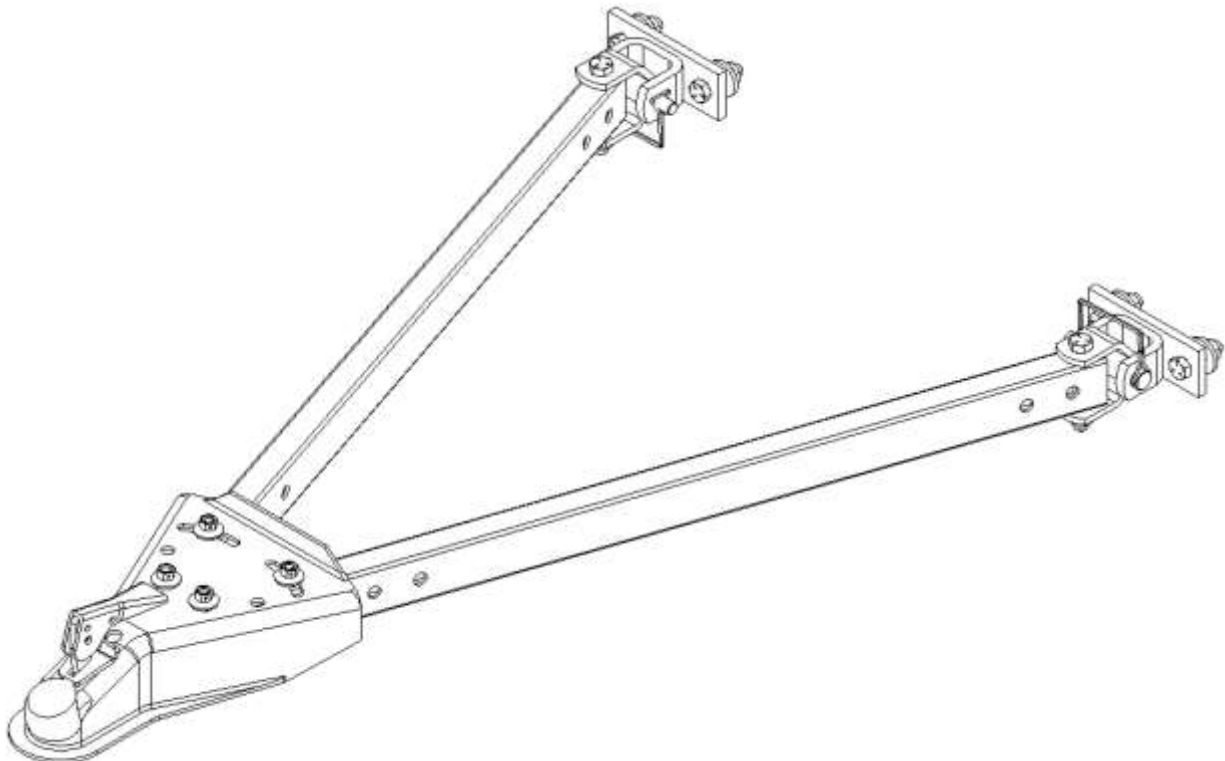
**Note:** This tow bar is to be installed on vehicles with a loaded gross weight under 5,000 lbs.

**Note:** It is the responsibility of the installer and consumer to identify and use safe and secure attachment for the tow bar brackets

**Note:** Stop and check tightness of tow bar and bolts after 50 feet of towing and every 50 miles thereafter

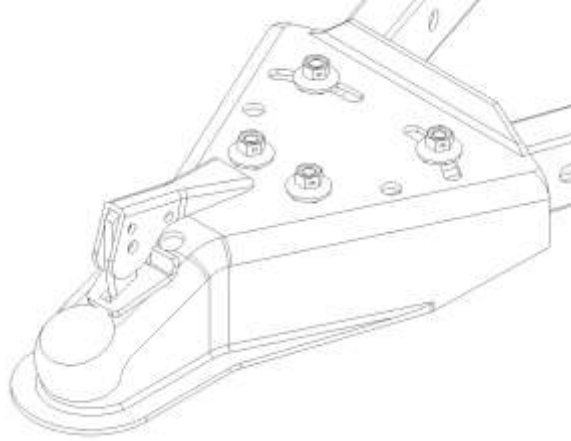
#### Hook Up Instructions:

1. Attach the assembled tow bars, coupler and tow bar brackets to the frame mounting brackets on the towed vehicle using the lock pins supplied.



2. Attach the coupler of the tow bar assembly to a 2" ball with the weight capacity equal to or exceeding the weight of the towed vehicle. Adjust the coupler to fit the 2" ball so that it fits snugly over the ball. **The hitch to which the 2" ball is attached must have a load capacity that is equal to, or exceeds the weight of the towed vehicle.** Read and follow the operating instructions attached to the coupler.

3. Center the coupler on the tow bars and tighten the 3/8" nuts to 30 ft. lbs. torque. Be sure that the coupler under jaw is adjusted to lock snugly over the 2" ball.



4. This tow bar is sold without safety chains. Some states require that two safety chains be used with a tow bar. Use only Class III 1/4" proof coil chain rated for at least 5,000 lbs. capacity with this tow bar. Attach the safety chains to the towed vehicle frame. Cross the chains under the coupler at the front of the tow bar and attach securely to the towing vehicle. Safety chains should be run through the chain loops on the tow bar arms to prevent them from dragging on the ground.
5. Connect an adequate wiring harness between the two vehicles so that the stop, turn and running lights operate on the towed vehicle in conjunction with the lights on the towing vehicle  
**Note:** The Husky magnetic towing light kit #17929 & 13818 is available for easy hook up of towed vehicle lights.

#### Usage Notes:

1. If towed vehicle is equipped with locking steering wheel, place the key in the ignition and release the locking feature. The key must be left in the ignition while towing. The steering wheel must be able to turn freely while vehicle is being towed. Inflate all four tires on the towed vehicle to their maximum recommended air pressure as indicated on their sidewalls.
2. **DO NOT** make sharp turns from a complete stop. Pull forward a few feet before making any turn. This will allow the front wheels of the towed vehicle to track and make a smooth turn.
3. Stopping distances will increase because of the added weight of the towed vehicle. Allow for this increase in stopping distance while driving with a vehicle in tow. The use of a supplemental braking system is recommended. See your dealer for details and available braking systems.
4. **DO NOT** back up with tow bar in use. Damage to tow bar and/or vehicle can result. Carefully inspect tow bar before every use to be sure all parts are in original condition and are not damaged. Tighten and check all bolts before use.

**WARNING: FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN AN EXTREMELY HAZARDOUS TOWING CONDITION AND/OR POSSIBLE TOWING ACCIDENT.**

### **Operating Instructions:**

1. This tow bar is to be used only on vehicles with gross weight not exceeding 5,000 lbs.
2. The coupler of this tow bar is designed for a 2" diameter ball. Use only with a 2" ball with a 5,000 lb. or greater rating.
3. Follow all state, local and provincial driving and towing laws in the location you are driving in.
4. Never tow a vehicle with a pickup truck or van as this is an inherently unstable condition.
5. Weight of the towed vehicle must not exceed the weight of the tow vehicle.
6. NEVER back up with the tow bar attached.
7. DO NOT tie or lock steering wheel of the towed vehicle. Leave ignition key in the steering unlocked position.
8. DO NOT allow anyone to ride in the towed vehicle.
9. DO NOT start and stop suddenly. Brake smoothly.
10. ALWAYS use proper safety chains.
11. NEVER Turn from a stop. Pull ahead a few feet before entering a turn.  
NEVER TURN TOO SHARPLY!
12. Stop and check tightness of tow bar and bolts after 50 feet of towing and every 50 miles thereafter
13. Check towing vehicle hitch to ensure its rating is at least equal to the weight of the towed vehicle.
14. CAUTION when passing other vehicles. Pass slowly and smoothly. Jerky movements may cause loss of control.
15. Check lighting requirements and all local laws before beginning your trip.

