

INSTALLATION INSTRUCTIONS FOR FIXED DOUBLE ACTING JACKS (NO PIVOT BRACKET)

1.) DETERMINE THE MOUNTING HEIGHT OF THE JACKS

The following are "suggested" mounting heights. Actual mounting heights will vary between applications.

VEHICLES WITH SPRING SUSPENSION: For 13 inch stroke jacks, 8 inches of clearance between the ground and bottom of the jack foot is the suggested mounting height. For 16 inch stroke jacks the suggested mounting height is 10 inches of clearance between the ground and foot of the jack.

These suggested mounting heights are for vehicles that are fully loaded including fuel and water. Allow an extra inch for an empty vehicle. It is also important to note a new vehicle may settle some over time.

VEHICLES WITH AIR SUSPENSION: Mounting heights for the jacks should be determined with the suspension air bags empty. A mounting height with 8 inches of clearance between the ground and the foot of the jack is suggested for 13 inch stroke jacks and 10 inches of clearance for 16 inch stroke jacks. If the vehicle is at ride height, add a minimum of 2 inches of clearance to allow for the vehicle to lower when the suspension air is dumped for leveling.

2.) MOUNTING THE JACKS:

A. Securely attach the bottom brackets to the jacks in the appropriate location. The top brackets come attached to the jacks. The bottom bracket can be mounted anywhere on the rod guide of the jack. **The bottom bracket must not be mounted above the rod guide.**

B. Support or clamp the jacks in the predetermined mounting location. Make sure the jacks are at the proper mounting height and straight up and down.

IMPORTANT: Do not apply excessive heat to the mounting brackets with the jacks still attached to the brackets. Heat transfer through the jacks will damage the seals! Protect trailer and jacks from damage due to welding heat or splatter and grinding sparks.

C. Tack the upper and lower mounting brackets in place.
TACK WELD ONLY!

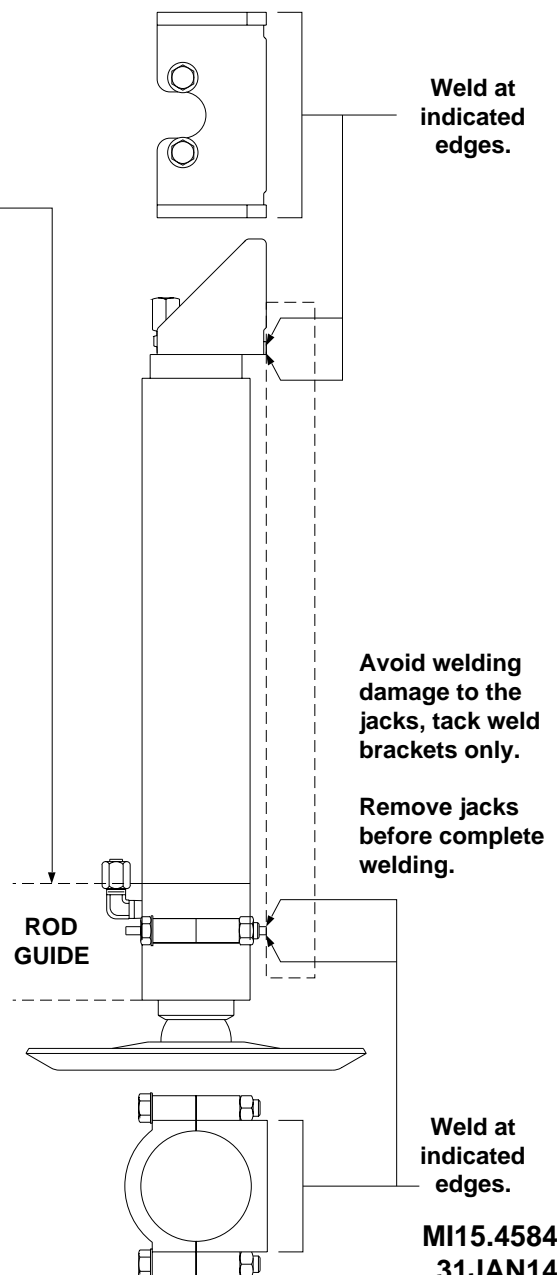
D. Remove the jacks from the brackets before finishing the welding of the mounting brackets.

E. Use approved welding practices to completely weld the top and bottom of both the upper and lower mounting brackets. Be careful to not "pull" the brackets in one direction or the other while welding. Stitch welds, alternating between the top and bottom seam of each bracket until the seam is totally welded.

F. Allow ample time for the brackets to cool before installing the jacks. When the brackets are sufficiently cooled, install the jacks to the mounting brackets.

G. Check that all mounting bolts have been properly tightened.

H. Complete the installation of the system. **Follow plumbing diagrams carefully, crossing hydraulic hoses at the system manifold can damage the jack seals. If needed, contact HWH Corporation for correct plumbing and/or wiring diagrams.**



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