



T-Joint Installation Instructions

You have been provided with the following material for the T-Joint installation. You must use our material to insure the integrity of the T-Joint for your safety. No substitutes are allowable for a safe installation.

- () 2" A500 5000# square Tube
- () USA Made grade (8) bolts
- () Loctite
- () 10,000# Lunette Ring
- () 2 hitch pins with lock pins.

Lift To T-Joint Connector

The Connector is shipped ready to use and requires no further work. Please view the attached picture.

It consists of a 10,000# Lunette ring welded or bolted to a 2 1/2" X 21" A500 square tube. The end of the square tube has a hole drilled for the hitch pin that secures the connector to the (2") T-Joint that is attached to the underside of the vehicle you are towing.



T-Joint

The T-Joint when installed is shaped like a "T" under the towed vehicle (see picture). Two (2) pieces of 2" A500 square tube have been supplied along with (6) grade 8 bolts (USA made only). One bar is angled on one end with a matching hole drilled 4" behind the front of the bevel. This is where the Connector connects the front of the towed vehicle to the T-Joint and is secured with the hitch pin and lock pin. Review the Mitchell frame drawing showing the approximate location of the T-Joint lengths and the bolt holes to use. You may need to lengthen or shorten the T-Joint square tube positions due to the frames bolt holes actual locations.



Determine the elevation under the towed vehicles frame and make sure you will have an unobstructed elevation to the front of the towed vehicle and make sure the ground clearance is adequate for safe operation of the vehicle. Make the spacers if needed, drill hole and female threads to match the supplied bolts in all of the spacer blocks. Once you are satisfied with your measurements (double check) weld the junction of the T-Joint.

Once you are ready, install T-Joint to desired location and elevation using the grade 8 bolts making sure to put loctite on the threads and that no threads are stripped during tightening. Double check all connections for tightness and integrity and all measurements for clearance and safety.



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