



INSTALLATION INSTRUCTIONS

Tube Adapters

Ballistic Fabrication produces products for custom vehicles. Many products require general welding and fabrication skills. Welding should only be done by a competent welder. Ballistic Fabrication is not liable for improper installation. Check with local laws if your vehicle is driven on the street as some Ballistic Products may not be street legal in all states.

Preparation

- Tube Adapters can be used for many applications including tie rod ends, suspension links, and many other applications. They can be used with one adjustable end or with both adjustable ends. When both ends are adjustable, left and right hand threads are available.
- Ensure that the tubing is cut to the proper length. There needs to be adjustment in both directions.
- Cut the tubing square to ensure a strong joint between the tubing and the adapter.
- drill a 1/2" hole through the tubing so a plug weld can be applied to both sides of the tubing to further strengthen the weld joint.

Assembly

- Insert the Tube Adapter into the tubing.
- The Tube Adapter is machined so that there is a bevel for welding.



- When welding the Tubing Adapter to the tubing, ensure that you continuously move around the tubing to evenly distribute the welding heat around the weld joint.
- Distortion of the threads can occur if too much heat is applied during welding. Ballistic Fabrication rents out taps to clean up the threads if necessary.
- It is not recommended to have a joint or rod end threaded into the Tube Adapter for welding as overheating could permanently bond the joint to the Tube Adapter.
- Allow the welded Tube Adapter to cool naturally.
- Tubing Adapters are used for suspension components, steering components, and many other critical safety components. If you are not absolutely confident in your welding skills, seek help from a qualified welder.