



Texas T Parts

1820 Gray Stone Drive
Bryan, Texas 77807

(979) 260-5433 1-800-337-6977
www.TexasTParts.com

T2565-*Sure-Stop* Disc Brake Kit Brake Pedal Welding Information

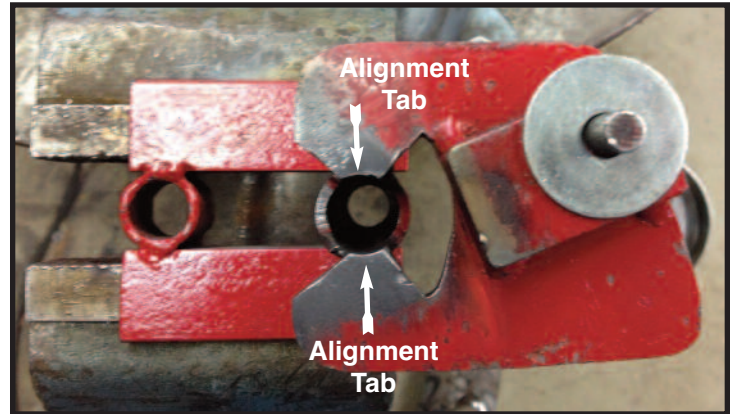
We frequently get asked by customers why they can't weld their own brake pedal extensions. We recognize that a lot of our customers are competent welders, but the quality of the weld is not the only issue that we need to address. Our welding jig locates the pedal extension in

EXACTLY the same relative position on all pedals both in distance from the center of the brake shaft and rotationally with the brake pedal cams. This positioning is very important to the functioning of the overall brake system. The photos and information below identify some of the variables that are encountered in getting the extension located properly.

We are usually able to get your brake pedal welded the day receive it and ship it out with your brake kit the very next day.

How our welding jig is made and functions:

The photograph to the right is of our welding jig for welding the extension on your Model T brake pedal. The pedal shaft inserts into the steel tubing in the center and the two alignment tabs fit into the cam ears on the brake pedal to make sure each pedal is aligned in exactly the same relationship to the pin on the right that the pedal extension fits over. This assures that the "resting" position of the brake pedal puts the beginning position of the master cylinder actuator rod in the proper location on all pedals. This consistent positioning cannot be done without the welding jig.



A Difference in the Pedal Cam Locations

The three pedals below were all received and welded on the same day. You can see from the photographs how much difference there is in the position of the pedal arm relative to the position of the brake pedal activator extension. This is one reason why we want to weld the pedal extension to the pedals using our welding jig. It requires a positioning jig to achieve a consistent position of the brake pedal extension.



A Difference in the Pedal Shaft Locations

We have also found that all Ford brake pedals are not drilled for the pedal shaft in the center of the boss on the end of the pedal. Notice in the two photographs how Pedal A is drilled toward the bottom of the pedal and Pedal B is drilled toward the top of the pedal boss.

This means that the laser cut extension we use must be ground differently for each installation. The jig we use insures that the location of the clevis pin hole is the same distance from the center of the pedal SHAFT on all of the brake pedals we weld.

This consistency is why we prefer to weld the extensions to the pedals rather than have each user weld their own pedal. We can only be comfortable that the brake pedal extension is installed in the best location by using our welding jig.



Brake Pedal - A



Brake Pedal - B