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C/E 4002 Sportsman Brake Pedal Kit

These instructions are just one way of properly installing Pedal kits. Depending on your fabrication experience, you may find it easier or more convenient using other methods that accomplish the same results. Every installation is slightly different and we have attempted to structure these instructions to make your installation as easy as possible.

Parts list:

| | | |
|-------------------------------------|---------------------------------|-------------------------------|
| 1...1/4" X 1-1/4" Bolt | 1...1/4" Nylock | 2...1/4" Washer |
| 2...5/16" x 1-1/4" Bolt | 2...5/16" Nylock Nuts | 2...5/16" Nylock Nut |
| 1...3/8" x 1-1/4" Bolt | 1...3/8" Nylock Nut | 1...M/C Bracket Gusset Plate |
| 1...Master Cylinder Mount Bracket | 1...Brake Pedal w/Bushing | 1...Outer Cross Shaft Support |
| 1...Inner Cross Shaft Support | 1...Cross Shaft Spacer Material | 1...Brake Push Rod |
| 1...1" x .095" Shaft Tubing – 1 ft. | | |

1. Tack weld the Inner Cross Shaft Support onto a frame section at an appropriate height and location for the driver.
2. Tack weld the Outer Cross Shaft Support in a location approximately 5-6" from the inner support. Use the 1" x .095 shaft tubing to align the two supports.
3. Slide the Brake Pedal Assembly over the 1" shaft and slip into the supports. Slide the pedal to a location that best fits the driver. Once this position is determined, measure the distance from the inner support to the brake pedal. Then measure the distance from the brake pedal to the outer support.
4. Cut 2 pieces of the Cross Shaft Spacer material to the dimensions measured in step 3. Assemble the spacers, the pedal and the cross shaft into the supports.
5. Attach the Master Cylinder Push Rod to the pedal using the 3/8" bolt, washers and nut. Attach the Master Cylinder Bracket to Master Cylinder using the 5/16" bolts, washers and nuts. Attach the push rod to the master cylinder. Position the assembly so that the pedal is in the correct position for the driver and tack weld the master cylinder bracket into place.
6. Dis-assemble everything. Next, tack weld the Master Cylinder Gusset Plate to the master cylinder bracket and frame rail. Once everything is tacked and in the proper location, final weld all tabs and brackets.
7. Trim the cross shaft as needed. Then reassemble the pedal, spacers, push rod and master cylinder. Once everything is assembled and adjusted, drill a 1/4" hole through the outer spacer and cross shaft. Use the 1/4" bolt, washers and nut to secure the cross shaft into place between supports.

