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## C/E 4003 Sportsman Clutch 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. These instructions assume that you have either bought a Chassis Engineering Brake Pedal kit with this kit or are currently using one. This kit may work with other brake pedal kits with modifications.

### Parts list:

1...1/4" X 1-1/2" Bolt	1...1/4" Nylock	2...3/8" x 1-1/2" Bolt
2...3/8" Stover Lock Nut	4...3/8" Washer	1...Clutch Pedal
1...Clutch Shaft w/ Swing Arm	1...Clutch Connecting Rod	2...3/8" Rod End

1. Tack weld the Inner Cross Shaft Support onto a frame section at an appropriate height and location for the driver (from 4002 kit).
2. Tack weld the Outer Cross Shaft Support in a location typically 5-6" from the inner support but can be more. Use the Clutch Shaft to align the two supports (from 4002 kit).
3. Slide the Brake and Clutch Pedal Assemblies over the clutch shaft and slip into the supports. Slide the pedals 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 clutch pedal to the outer support.
4. Cut 2 pieces of the Cross Shaft Spacer (1-1/4" x .120 tubing, included with 4002 kit) material to the dimensions measured in step 3. Assemble the spacers, the pedals and the cross shaft into the supports. Make sure the Clutch Swing Arm has plenty of clearance to operate properly.
5. Thread the one Rod End into the Clutch Connecting Rod and attach to the clutch swing arm. Cut the connecting rod to the length needed to position the swing arm correctly. Tap end and install 3/8" Rod End. Attach to clutch mechanism with 3/8" Bolt, Washers and Nut.
6. Once the clutch swing arm is attached correctly to the clutch mechanism, rotate the clutch pedal to the proper position for the driver and drill a 1/4" hole through the sleeve of the pedal and clutch shaft. Use the 1/4" bolt and nut to pin the pedal into place. The brake pedal will not be pinned to the clutch cross shaft, merely pivot on it.
7. See the 4002 instructions for properly mounting and connecting the brake master cylinder.
8. Dis-assemble everything. Once everything is tacked and in the proper location, final weld all tabs and brackets.
9. Trim the cross shaft as needed then reassemble the pedal(s), spacers, push rod(s), clutch linkage and master cylinder.

