

## Replacement Pin Instructions

### Step One:

Remove door, a door jack works well for this operation.



**Step Two:**

Grind or cut off lower end of pin.



### Step Three:

After grinding lower pin, use a vise grip and pry pin out of hinge. Be very careful not to bend hinge. The lower pin will have a washer on it. Take a chisel and remove washer and the pin will remove. Lyle's Corp. makes a tool to remove windshield wiper arms. This tool works well and the cost is about \$10.00.





**Step Four:**

Replace bushings from hinge. Install new brash bushings supplied in kit.





**Step Five:**

Install new pins in bushings. Be very careful you do not bend the hinge while installing. I use vice grips to squeeze the pins in. I've made these pins fit very tight so you may have to grind the knurling off pin in order to make it fit.





**Step Six:**

Weld pin. Make sure that then pin is tight against the hinge. I've supplied two washers. These will replace the washers you've taken off. Make sure you weld the washers to the pin. It is important to make a very good weld as this holds everything together.



**Step Seven:**

Reinstall the door. You may have to adjust the door by lifting up or down to get good alignment.



### **Troubleshooting**

1. The longest pin goes on the top of the hinge.
2. If new pin is too tight, grind knurling off.
3. Never hit the hinge. This will change the door alignment.

4. Replace washer.

5. Apply a very good weld to pin. It is a good idea to make some test welds first. If your weld fails the door will become loose.

