

## ANNUALLY

- Verify latest welder software and update if required
- Check C-Gun black front cover and mounting tab
- Service C-Arms, replacing Fiber Washers
- Inspect Cap Holders, checking coolant tubes and O-rings
- Check C-Arm Slot and electrode alignment
- Replace C-Arm brass bushing and verify C-Arm lock tension
- Check C-Arm retaining pin
- Test welding current output
- Test welder squeeze pressure
- Measure coolant flow
- Inspect electrical plug and check Main Supply
- Check piston electrode movement
- Lubricate C-Gun air chambers
- Check C-Arm swivel and support ring
- Verify C-Gun Handle is moving freely and locking correctly
- Inspect welding cable connector
- Remove dust build up from interior of welder
- Flush coolant system
- Check MMI Functionality
- Perform Air Pressure Test
- Verify Thickness Measuring
- Test Support arm movement and rope condition



## FOR SERVICE AND SUPPORT PLEASE CONTACT:

*Place Local Car-O-Liner Distributor  
Information Here*

## DAILY

### Clean Electrode Caps

- Cap size, shape, and cleanliness are critical to generating good welds
- Regular cleaning with Scotch-Brite Hand Pads ensures good contact
- As caps become worn use a tip dresser to maintain the proper shape, replacing caps when they become too worn



### Check Welder Coolant Level

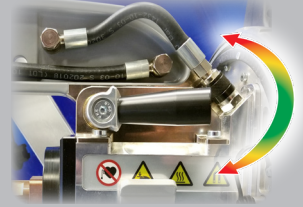
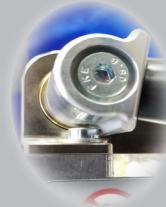
- Coolant level is visible on the lower right side of the welder and should fall between the high and low level notches
- In poor light, shining a flashlight in the fill cap will make it easier to read the level
- Use only High-Tech Coolant mixed at a ratio of 3 liters coolant to 17 liters distilled water



### Check C-Arm Lock Adjustment

**WARNING:** It is critical for the C-Arm to be locked tightly in place

- When tight the handle should be parallel to the gun body
- The handle must tighten before reaching the stop bolt to prevent damage to the C-Arm and C-Arm Slot (too loose)
- If the handle is too tight, not rotating far enough, the Locking Axle can be damaged
- Check with each of the C-Arms and set lock to best tightness for all.



## MONTHLY

### Clean All C-Arms and C-Arm Pocket

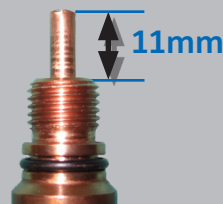
**WARNING:** DO NOT use abrasives of any kind on the C-Arms or C-Arm Pocket. They have a protective coating to improve connection and prevent oxidation.

- Clean the C-Arms and the C-Arm Slot with denatured alcohol
- DO NOT use Copper Grease, the C-Arm and C-Arm Slot are an important part of the weld circuit and must be clean and free of contamination



### Check All Cooling Tubes

- Each cap holder electrode has a specific cooling tube that goes in it
- Inspect the angled end of the tube for damage that would hamper coolant flow



### Inspect Welding Cable Sheathing For Wear

### Inspect Main Cable For Damage

### Check Tool Balancer Cable For Wear