

CTR7 Spot Welder

User Maintenance Schedule

DAILY:

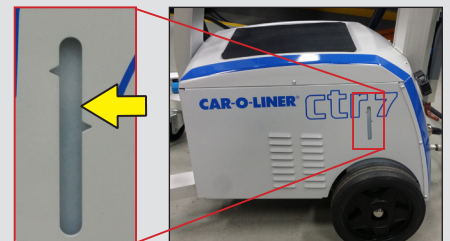
Clean electrode caps

- 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.



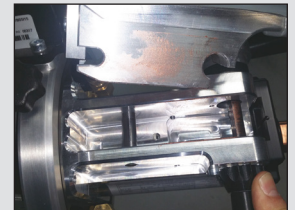
Check welder coolant level

- Coolant level is visible on the lower right side of the welder.
- Coolant level 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 KF330 Coolant mixed at ratio of 3 liters coolant to 17 liters water.



Check C-yokes and C-yoke connection shanks

- Where the yokes fit into the gun is an important part of the weld circuit.
- The slot in the gun needs to be clean and free of contamination.
- A very light coat of copper grease can be applied to the sides of the yoke.



MONTHLY:

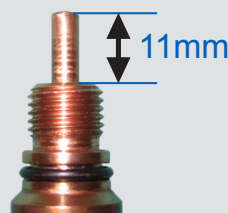
Clean all C-yokes and C-yoke connection shanks

- Using a Scotch-Brite hand pad, clean the sides of all the C-yokes.
- Degrease the C-tong slot and use an abrasive hand pad to clean the sides.
- Never use power tools or heavy abrasives that could create low spots.



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 support arm cord for wear

Check function of support arm spring and locking mechanism

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Maintenance Schedule for Car-O-Liner Authorized Technician Only

SEMI-ANNUALLY:

- Verify latest welder software.
- Clean and dress C-yokes and slot.
- Check C-yoke retaining clips.
- Test welding current output.
- Test welding squeeze pressure.
- Measure coolant flow.
- Inspect electrical plug.
- Check piston electrode movement.
- Inspect welding cable connector.
- Tighten all bolts to specifications.
- Check covers for missing or damaged screws.
- Remove dust build up from interior of welder.



ANNUALLY:

- Complete Semi-annual check list.
- Flush coolant system.
- Inspect cap holder o-rings and replace as needed.
- Check C-tong black front cover and spring.
- Grease C-tong air chambers.
- Clean and repair swivel ring.
- Clean fan air filter



WARNING! All the above maintenance shall be performed by Car-O-Liner Authorized Technician only. Risk of personal injuries and material damage.

For service and support please contact:

*Place local Car-O-Liner
Distributor Information Here!*

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