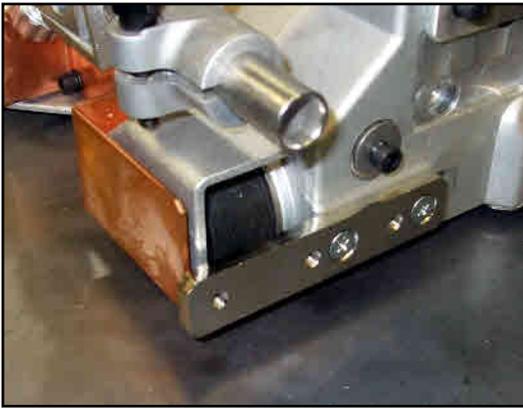


Mechanical Mounting of WU-1



Base Wel-Handy Multi

Remove Wel-Handy
Multi guide rollers and
add extension arms



Remove Wel-Handy Multi
Torch Holder and leave slide
assembly



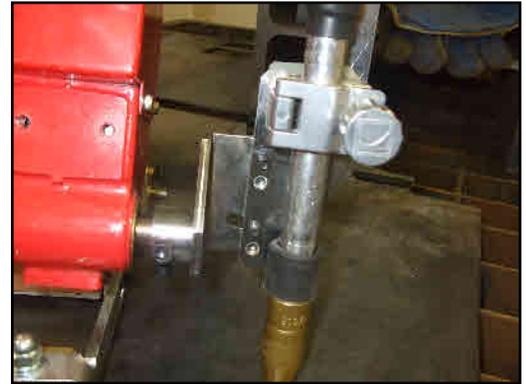
**TWO MOUNTING
OPTIONS**



Note WU-1 Weaver
has mounting holes on
both side. It is reversible



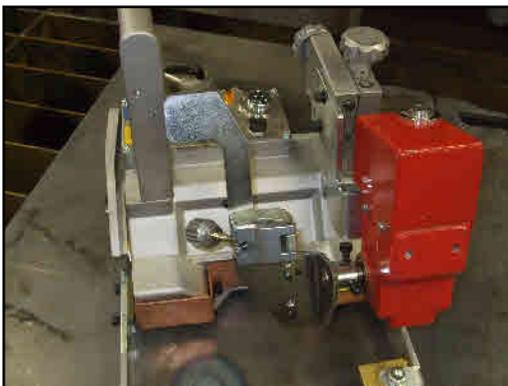
WU-1 Weaver mounted on back of machine



Mount new torch holder on WU-1 Weaver unit and mount assembly to the slide unit



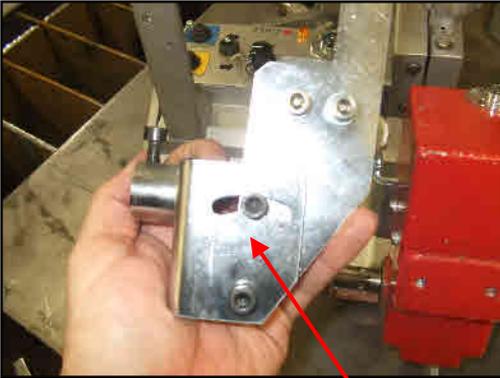
Torch holder is Reversible



Change over to use between guide rollers



Remove WU-1 and use opposite Holes to remount on slide assembly



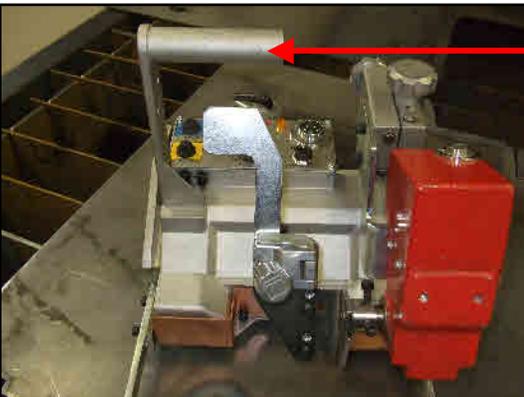
Remove torch holder is assembly



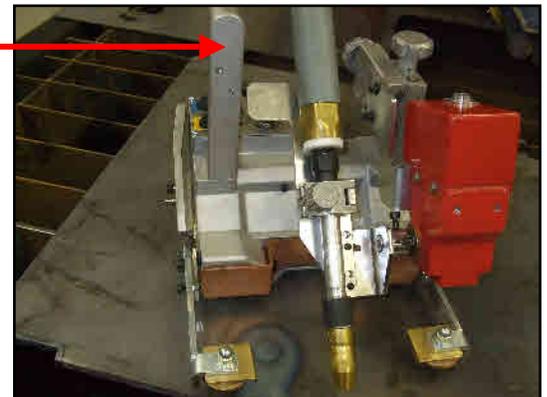
Remove torch holder screws and mount on opposite side



Reassembly assembly



Note lifting handle can be rotated 90 deg. to allow clearance of torch



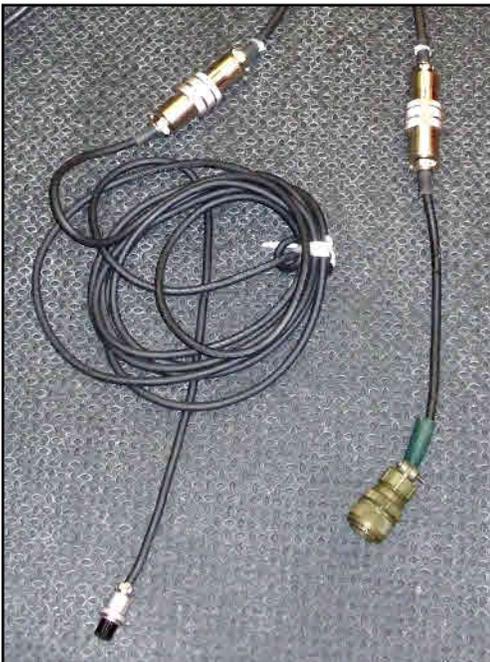
Electrical Connections of WU-1



Pendent Control



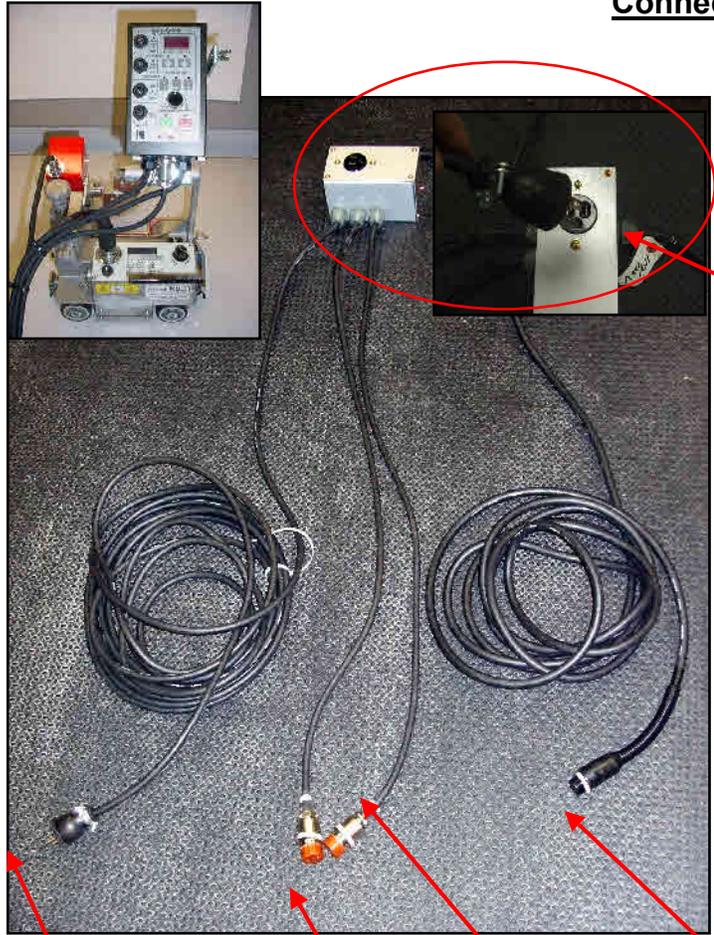
Wel-Handy Multi
Interface Set



Wel-Handy Multi
interface set,
weaver control and
wire feeder control
cable

Note: The cable assembly that comes with the Wel-HandyMulti is not used with the WU-1 Weaver. Save for future use. The above interface cable is used in its place.

Connections



120V Connection

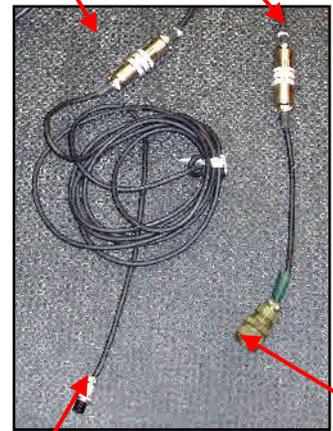
WU-1 Weaver Connection



Wel-Handy Multi Connection



120V Connection

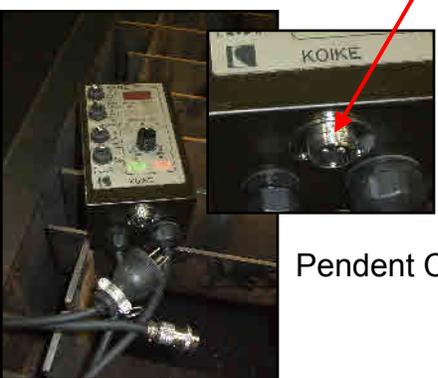


Adapters

Wire Feeder Connection
Lincoln Electric
Standard



Miller Wire Feeder Adapter



Pendent Connection



Operation and Programing Parameters

1. Power on controller
2. Switch is set in middle to co-op
* Wel-Handy Multi starts and stops WU-1. The below Start /Stop are used for set up, by selecting weaving mode or if the WU-1 is used independently for other uses.
3. Not use
4. Origin - Used to rotate the torch left and right using the weaver. User can change origin of the torch while welding.



5. Digital Display - Shows current value of parameter

Note: Changes are made to the below parameters by selecting the parameter with the button directly below it (led will light up) then turn the up and down knob to desired setting. Setting can be changed before or during welding.

6. Width of weld - The value of this is dependent on torch length. A longer torch increases width since a pendulum motion is used. When max and min width value is reached the display flashes.
7. Cycle - This is the frequency of how slow or fast the torch is oscillating.
8. Left, Center and Right Dwell - A torch delay can be set for each one and may have different values.
9. Start and Stop are not used when using the Wel-Handy In Co-Op mode. Start and stop signal will come for the Wel-Handy Multi carriage. Start and Stop may be used for testing when mode is in weaving.
10. Once parameters are at desired setting they may be saved by holding down the width and cycle button together. Both LEDs will light up and parameters are now saved to memory.