



**WELDING
INDUSTRIES
AUSTRALIA**

SERVICE BULLETIN

REMOVAL OF ALPHA-NUMERIC DISPLAY FROM MILLER BIG BLUE 800X DUO AIR PAK 907763

EFFECTIVE WITH SERIAL NUMBER NE140303R

CAUTION: The following information is intended for use by qualified service personnel. When the unit is energised LETHAL VOLTAGES are present on the electrical and electronic components. It is not intended that persons without suitable training and knowledge attempt to perform service tasks on the components of welding equipment.

After careful consideration, ITW (Welding Products Group) has made the business decision to delete the LCD Alpha-Numeric Engine Display (the "Murphy" display") from new production units of Miller Big Blue 800X Duo Air Pak machines with stock number 907763. This change was necessary due to supply and support issues with the vendor who builds the display.

Engineering evaluation determined that installation of individual gauges in place of the Alpha Numeric Display is not practical. Accordingly, and effective with serial number NE140303R and later units, all parameters previously accessed through the Alpha-Numeric Display are available to the operator through the Service Menu function on the upper control board, PC1.

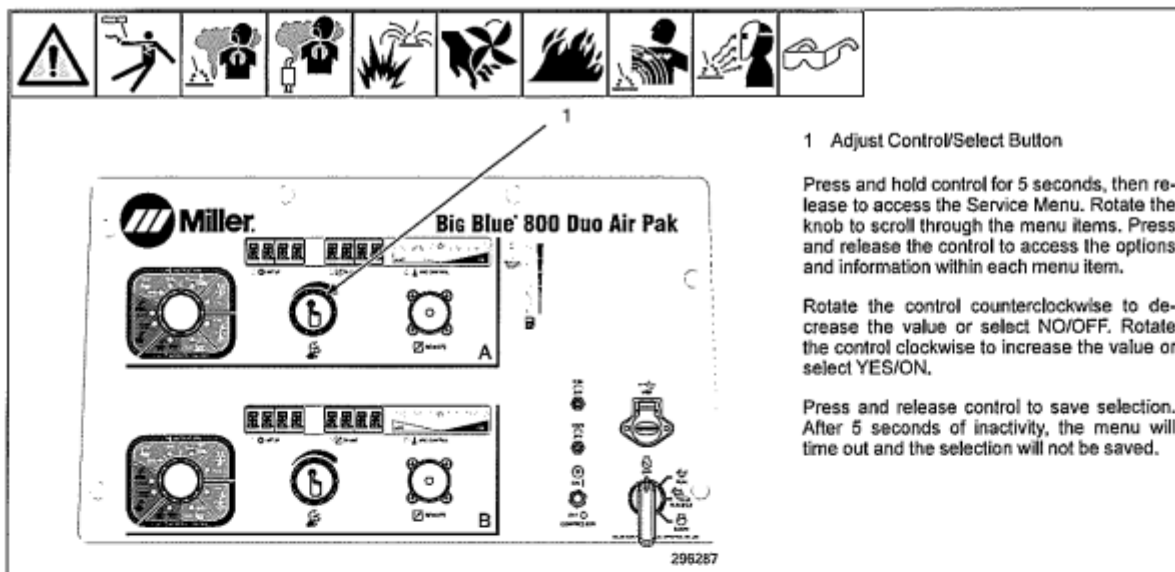
Instructions for accessing the Service Menu and a list of selectable and view-only parameters are provided in Operator's Manual 282374 Revision S (September 2024) and in Technical Manual 282374 Revision F (December 2024). These instructions are included with this memo for reference.

For additional information or to request technical support, please contact WIA by email to service@welding.com.au.

Yawar Adeel
Technical Service Coordinator

Complete Parts List is available at www.MillerWelds.com

6-5. Service Menu



Menu Item	Selectable Item Option(s)	Description
HOT STRT (Only accessible in SMAW processes)	RAMP OFF	Disables Hot Start option.
	RAMP 0.50	Sets time the current transitions from hot start to the preset current. Factory preset is 0.5 seconds for both XX10 and XX18. Range is 0 to 1 second settable in 0.1 second increments.
DIG RNGE (Only accessible in SMAW processes)	0-200	Sets current limit above preset amperage between 0 and 200 amps for XX10 or 0 and 100 amps for XX18.
	0-100	
STUK STIK (Only accessible in SMAW processes)	ON	Enables Stuk Stik. Reduces current to min. when electrode is shorted.
	OFF	Disables Stuk Stik. Current stays at Dig current when electrode is shorted.
AUTO CRTR (Only accessible in GTAW processes)	ATCR ON	Enables Auto Crater option.
	ATCR OFF	Disables Auto Crater option.
VRD* (Always enabled in 50 Hz configurations)	VRD ON	Enables VRD (Voltage Reducing Device) option, lowering open-circuit voltage.
	VRD OFF	Disables VRD (Voltage Reducing Device) option.
SOFT WARE	--	Displays the current revision of firmware installed.
FACT RSET*	RSET YES	Resets all settings to factory defaults.
	RSET NO	All settings remain at previous settings.
COOL TEMP	--	Displays engine coolant temperature in Celsius.
BATT VOLT	--	Displays battery voltage.
PCNT LOAD	--	Displays percent load at current RPM.
HOUR MTR	--	Displays engine hours.
OIL HOUR	--	Displays hours remaining before oil change is due.
OIL SET	50-500 HOURS	Sets oil change reminder between 50 and 500 hours.
OIL RSET	RSET YES	Resets oil change hour counter to set value.
	RSET NO	Oil change counter remains at same value.
COMP HOUR	--	Displays compressor hours.
COMP OIL	--	Displays hours remaining before compressor oil change is due.
COMP SET	50-500 HOURS	Sets compressor oil changes reminder between 50 and 500 hours.
COMP RSET	RSET YES	Resets compressor oil change counter to set value.
	RSET NO	Compressor oil change counter remains at same value.
AC PSI	--	Displays current air pressure in PSI.

*On Side A, user must first select whether to apply settings to Side A only or to both sides.

The information provided in this sheet is accurate and reliable, however no warranty of accuracy or reliability is given and no responsibility arising in any other ways by errors or omissions is accepted.