Ingersoll-Rand

Revised (10-12)

ENTERING MACHINE ID FOR WEDGE CONTROL SYSTEMS
with V1.60 or Greater Software

For machines with the WEDGE controller mounted inside the control panel/instrument panel box, the "Service Air" switch is used to enter the machine ID. Disconnect the fuel level gauge (located in the fuel tank) before starting the process and reconnect once the process is completed.

For machines with the WEDGE controller mounted in the engine compartment, the rocker switch beside the WEDGE is used to enter the machine ID *SEE NOTE BELOW* ✳

For the instructions below, the "Service Air" or rocker switch will be referred to as the "data input switch".

1. Examine the machine data plate to confirm the machine model.
    Using the machine model and the machine models list on page 2 of this document, locate the proper machine ID.

2. Turn power to the "ON" position. Machine must not be operating.

3. Toggle the data input switch twice and the number "2" will appear on the WEDGE 4-digit LED display. Continue to toggle the switch until the number "9" is reached. Read the machine ID on the display, if it matches the proper machine ID in Step 1, stop. If not, proceed to step 4.

4. Continue to toggle the switch until number "19" is reached. Push and hold the data input switch and the number "20" will appear. Continue to hold the switch. After 1 second, the current machine ID will appear in the display. Continue to hold for 9 more seconds and a blinking "-" will appear. Release the switch.

5. Toggle the data input switch, the display will show "0". Toggle the data input switch until the proper machine ID appears on the display, then stop the toggle sequence.

6. Wait until the controller performs a reset function (or power up) (approximately 10 seconds). At reset, the controller display first goes blank, then all 10 annunciator LED's light, the 4-digit LED display shows all 8's, the display then shows the installed software version and finally the display goes blank and the engine oil pressure and alternator LED begin flashing. At this point the controller has stored the machine ID selected in step 5.

7. Using the data input switch, toggle to service diagnostic number "9".
    The number "9" will appear for 1 second and then the machine ID will appear. The ID should be the same as the one entered in steps 4-6. If not, go back to step 4 and enter the ID again.

✳ *NOTE IF THE ROCKER SWITCH BESIDE THE WEDGE DOES NOT WORK, USE THE "SERVICE AIR" ROCKER AT THE INSTRUMENT PANEL TO ENTER THE MACHINE I.D.*

ESA Models/Wedge Machine ID

Models	Machine ID
7/120,9/110. 10/105, 14/85	7
7/170. 10/125.14/115	8
7/120,9/110,10/105,14/85	11
7/170,10/125,14/11 5 from serial # 658500	12
9/230,9/270,9/300. 12/235	5
17/235,21/215	6

MSA Models/Wedge Machine ID

Models	Machine ID
P425AWIR, XP375AWIR, HP375WIR VHP300AWIR	7
P600WIR, HP450WIR, VHP400WIR	8
XP1060WCU, HP935WCU, MHP825WCU VHP750WCU	5
XHP750WCU	6
MHP825WCAT, VHP750WCAT XP1060HACAT,XP950HACAT	2
SHP825WCAT, XHP750WCAT. XHP650WCAT	3
HP1300CWCU,HP1600CWCU XHP1170WCU 1	0
XHP1070AWCAT, XHP1170WCAT. XHP1170SCAT	4
HP1600WCAT	9
HP675EWCU, XP750EWCU, HP750EWCU, XP825 EWCU	10

SIRC Models/Wedge Machine ID

Models	Machine ID
P1060WCAT, XP950WCAT, HP935WCAT MHP825WCAT .VHP750WCAT	2
XHP750WCAT	3