



Parts List				
Item	Part#	Qty	Description	Material/Vendor
1	CS1813F-001	1	ID PLATE - TOOL S/N	6061-T6
2	CS1813F-A	1	ROBOTIC MACHINING CELL ENCLOSURE ASSEMBLY	SEE BOM
3	CS1813F-B	1	DIAL TABLE ASSEMBLY	SEE BOM
4	CS1813F-C	1	ROBOT BASE ASSEMBLY	SEE BOM
5	CS1813F-CHIP_CONVEYDR	1	SAW / DEBURR STATION CHIP CONVEYDR REP	BARNES
6	CS1813F-D	2	BMW BUMPER ROBOTIC MACHINING TOOLING	SEE BOM
7	CS1813F-E	1	MACHINING MIST COLLECTOR ASSEMBLY	SEE BOM
8	CS1813F-G	3	MACHINE TOOL SENSING ASSEMBLY	SEE BOM
9	CS1813F-H	1	MA-1 ROBOTIC MACHINING STATION ASSEMBLY	SEE BOM
10	CS1813F-J	1	MA-2 ROBOTIC MACHINING STATION ASSEMBLY	SEE BOM
11	CS1813F-K	1	MA-3 ROBOTIC MACHINING STATION ASSEMBLY	SEE BOM
12	CS1813F-L	1	ROBOT CONTROLLER ASSEMBLY	SEE BOM
13	CS1813F-M	1	HYDRAULIC SLIP RING ASSEMBLY	SEE BOM

<b>RELEASE</b> 	<b>DATE</b> 12/20/12	<b>TENNESSEE RAND, A LINCOLN ELECTRIC COMPANY PROPRIETARY</b> ANY REPRODUCTION OR DISTRIBUTION IS STRICTLY PROHIBITED. <b>Tennessee Rand</b> A Lincoln Electric Company 700 Missouri Bend Road Chattanooga, TN, 37405 (423) 964-7283	<b>REV</b> 001	<b>ROBOTIC MACHINING STATION ASSEMBLY</b> <b>CS1813F-000</b> <b>FORM</b> SEE DETAILS <b>BY</b> P. MICHAEL <b>CHKD</b> P. MICHAEL <b>DATE</b> 12/20/12 <b>SCALE</b> 1:1
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6	-	INITIAL RELEASE	
VER	DATE	REV	CHANGE REASON