

Asset/Equipment Work Order History Brief

Asset ID: AMADA 002		Asset: AMADA TURRET PUNCH PRESS			
Work Order ID	Description	Scheduled Date	Completed Date	Days Past Due	Total Cost
155098	REPAIR OF EQUIPMENT		12/19/2011	40896	\$157.50
	Comments: REPAIRED DOOR BRACKET AND ADJUSTED. MADE SURE DOOR WOULD MAKE SAFETY SWITCH WHEN OPENING AND CLOSING. RESET FAULTS AND REFERENCED AMCHINE AND CHECKED INDEX ROTATION.				
155105	REPAIR OF EQUIPMENT		12/21/2011	40898	\$35.00
	Comments: BACK SIDE ACCESS DOOR FOR TOOLING IS OFF. INSERTED INTO POSITION AND REPLACED BOLTS.				
155695	REPAIR OF EQUIPMENT		1/4/2012	40912	\$35.00
	Comments: PHASE NOT CORRECT. SWAPPED BACK TO ORIGINAL AT ENGINEERING REQUEST.				
156237	REPAIR OF EQUIPMENT		1/28/2012	40936	\$70.00
	Comments: C AXIS NOT INDEXING				
	INDEX PIN EXTENDED FAULT WHILE ATTEMPTING TO REFERENCE FOUND LOWER PIN COULDN'T EXTEND B/C SLOT ON TURRENT WASN'T ALIGNED ALIGNED AND OPERATION RESUMED				
156823	REPAIR OF EQUIPMENT		2/10/2012 9:33:31 AM	40949	\$52.50
	Comments: THIS MACHINE NEED EITHER A GUARD OR CHAIN PUT IN PLACE TO KEEP PEOPLE FROM CUTTING THROUGH THIS ARA I HAVE ATTACHED PHOTOS TO SHOW THE HAZARD				
	INSTALLED GUARD CHAIN AROUND MOVING TABLE				
157687	REPAIR OF EQUIPMENT		3/3/2012	40971	\$105.00
	Comments: PUNCH STUCK				
	REVERSED MOTOR AND MANUALLY PUNCHED IWHCH BROUGHT THE PUNC BACK UP WE HAD TO DO IT THREE TIMES THEY ARE RUNING 12 GUAGE METAL. THIS IS THE FIRST TIME THEY HAVE RUN 12 GUAGE IN THAT MAHCINE BILLY SEEMS TO THINK THAT THE MACHINE ISNT POWERFUL ENOUGH TO RUN 12 GUAGE HE SWAPPED BACK TO THINNER METAL				
157848	REPAIR OF EQUIPMENT		3/8/2012	40976	\$17.50
	Comments: PUNCH STUCK ON BOTTOM				
	REVERSED MOTOR AND HIT MANUAL PUNCH UNITL TOOL CAME BACK UP SWAPPED LEAD BACK				
158058	REPAIR OF EQUIPMENT		3/22/2012	40990	\$17.50
	Comments: TOOL HOLDER BROKE				
	I CHANGED OUT THE TOOL HOLDER				
158113	REPAIR OF EQUIPMENT		3/24/2012	40992	\$35.00
	Comments: INDEX PIN HUNG				
	ASSIST JOHN AND CHRIS				
158115	REPAIR OF EQUIPMENT		3/24/2012	40992	\$35.00
	Comments: INDEX PIN STUCK IN				
	ADJUSTED INDEX TOOL (AXIS SO PROX SWITCHES WOULD MAKE				
158135	REPAIR OF EQUIPMENT		3/23/2012	40991	\$105.00
	Comments: FAN HUNG				
	FABRICATED SUPPORT REPAIR WIRING ON RECLAIMED FAN MOUNT FAN AND RUN POWER CORD				

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158204	REPAIR OF EQUIPMENT	3/27/2012	40995	\$140.00
	Comments: TOOL 112 POSITION HAD STACK PUNCH TOOL 201 TONER UPPER NOT ALIGNED.			
	UNSTUCK TOOL 112 WITH CHISEL AND HAMMER. TOOL 201 WASN'T ALIGNED USED ALIGNMNET TOOL AND ALIGNED UPPER WITH LOWER			
158206	REPAIR OF EQUIPMENT	3/27/2012	40995	\$17.50
	Comments: PUNCH STUCK			
	REVERSED MOTOR GOT PUNCH UNSTUCK AND REVERSED MOTOR BACK TO ITS ORIGINAL POSITION			
158657	REPAIR OF EQUIPMENT	3/31/2012	40999	\$35.00
	Comments: PIN WONT COME OUT			
	GOT INDEX TOOLS ROTATED INTO POSITION			
158692	REPAIR OF EQUIPMENT	3/30/2012	40998	\$17.50
	Comments: PINS WONT GO OUT			
	I TURNED INDEX TOOLS HORIZONTAL BECAUSE THEY WERE ROTATED AT AN ANGLE			
158925	REPAIR OF EQUIPMENT	4/14/2012	41013	\$52.50
	Comments: AMADA HAD NO FAN ON OPERATOR			
	HUNG FAN FOR OPERATOR			
159111	REPAIR OF EQUIPMENT	4/24/2012	41023	\$35.00
	Comments: UPPER INDEX TOOL PIN WONT RETRACT			
	TRY TO MOVE PIN MANUALLY CHECK STATUS BETS FROM INDEX PIN CYLINDER PROX SWITCHES TURN OFF MACHINE TO RESET AND TURN IT ON AGAIN JOG TURRET MACHINE WAS READY AFTER THIS			
159146	REPAIR OF EQUIPMENT	4/25/2012	41024	\$35.00
	Comments: TURRENT PIN NOT MOVING OUT			
	C AXIS COUPLING IS EXTENNED OUT TO TURRET WITH THIS OUT PINC WILL NOT RETRACT FROM TURRET MOVED C AXIS TO O IN ORDER OT RETRACT DRIVE COUPLING			
159696	REPAIR OF EQUIPMENT	5/1/2012	41030	\$70.00
	Comments: HYDRAULIC OIL PRESSURE IS DROPPNG WHEN RAM STROKED			
	NC READY BIT WAS BEING LOST DURING PROGRAM RUNNING THIS WAS DUE TO PRESSURE DROPPNG BELOW RANGE JUMPED SWITCH TO PROVE THEORY WILL HAVE SECOND TO CHECK FILTER AND REVERSE COOLING FAN ON COIL			
159703	REPAIR OF EQUIPMENT	5/1/2012	41030	\$52.50
	Comments: LOOSING OIL PRESSURE			
	BYPASS PRESSURE SWITCH JA CHECK OIL FILTER IT SEEMS TO BE OK INVERT EXHUAST FAN ROTATION BOLT COVER			
159811	REPAIR OF EQUIPMENT	5/3/2012	41032	\$48.95
	Comments: POSTS FELL DOWN			
	REANCHORED POST			
163768	REPAIR OF EQUIPMENT	9/4/2012	41156	\$70.00
	Comments: MACHINE WILL NOT START			
	UNPLUGGED MAIN CORD AND TURNED POWER ON AND PLOGGED MAIN CARD BACK IN OK			

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166360	REPAIR OF EQUIPMENT	11/26/2012	41239	\$140.00
	Comments: AMADA WILL NOT START			
	CHECK OPERATION TRY TO ADJSUT PROX SWITCH FIND MISSING PIN ON C AXIS SET SCREW LOOSE REINSERT ROLL PN TIGHTEN UP SET SCREW CHECK OPERATION IT STILL WONT WORK HAD TO LEARN TO REFERENCE MACHINE CHECK OPERATION IT STILL WONT WORK LOWER TURRET UNLOCKED BUT IT STILL WONT WORK FIND INPUT ADDRESS FOR PROX SWITCH CYLINDER RETRARTED UNLOCK TURRET PROX WONT CHANGE STATES ADJUST PROX SWITCH GO IN CHECK OPERATION ZERO REFERENCE AGAIN IT WORKED OT UNLOCK/LOCK TURRET MANULA MODE, OK			
166778	REPAIR OF EQUIPMENT	12/4/2012	41247	\$29.75
	Comments: BAD AIR LINE ON CLMAP OPEN./CLOSE REPLACE AIR LINE 1/4" CHECK OPERATION IT WORKED OK			
167010	REPAIR OF EQUIPMENT	12/15/2012	41258	\$17.50
	Comments: LIGHT ABOVE AMADA 02 WONT COME ON			
	BAD BULB BROKEN LIGHT BULB REPLACE LIGHT BUBL 250 W MSG IT CAME BACK ON			
168731	REPAIR OF EQUIPMENT	2/15/2013	41320	\$35.00
	Comments: MACHINE WONT START UP LUBE OIL TOO LOW			
	FIND OUT EQUIVALENT FOR LUBE OIL ADD LUBE OIL IT WORKED OK LATER ON RESTART I ZERO REFERENCE TAXIS WONT REFERENCE CHECK TURRET ONE OF THE UPPER TOOLS STICKING UP CHECK TOOL BROKEN TOOL REMOVE TOOL REFERENCE MACHINE OK NO ALARMS			
169500	REPAIR OF EQUIPMENT	3/4/2013	41337	\$66.45
	Comments: POWER SUPPLY TAKING A WHILE TO WARM UP			
	REMOVED POWER REMOVED PLUGS 5V DV 25V 240V FROM BOARD REMOVED BOARD REPLACED WITH NEW REBUILT PART REASSEMBLED AND CHECKED OPERATION			
170926	REPAIR OF EQUIPMENT	4/26/2013	41390	\$70.00
	Comments: AXIS WONT REFERENCE			
	MANUALLY TURNED BOTTOM AND TOP TO O. TRIED TO REFERENCE THE MACHINE ISNT SEEING WHAT IT NEEDS TO STOP AT 360. I NEED TO FIND LIST OF INPUTS TO FURTHER TROUBLESHOOT.			
170951	REPAIR OF EQUIPMENT	5/1/2013	41395	\$391.60
	Comments: TURRET NOT CYCLING PROPERLY			
	REALIGNED MULTI TOOLS, DISCOVER TOOLING ANGLE ROTATOR WAS BENT. ATTEMPTED TO STRIAGHTEN WHILE ON TURRET FINALLY HAD TO REMOVE COMPLETE ANGLE SHIFT TOOL THIS TOOLS IS CURRENTLY ON THE WORK BENCH SIZE INSPECT THE SHAFT TO DECIDE IF USABLE SHAFT IS IN BAD SHAPE ALSO SLIDE COUPLING IS IN ROUGH SHAPE THIS WAS NOT EASILY REMOVE FROM SHAFT			

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170963	REPAIR OF EQUIPMENT	5/1/2013	41395	\$315.00
	Comments: BOTTOM C AXIS BINDING REMOVED COVER FOR WORN GEAR. CHECK WORN GEAR AND PING GEAR FOR DAMAGE. THE GEARS LOOKED GOOD. REALIGNED TOOL TRIED TO REFERENCE THE INDEX WOULDN'T UNLOCK. THE SHAFT THAT ENGAGES INDEX WAS BENT. TOOK PLATE OFF OF TURRET AND REMOVED COUPLING FROM SHAFT. STEVE WAS GOING TO FINISH			
170967	REPAIR OF EQUIPMENT	4/30/2013	41394	\$140.00
	Comments: GIVING A FAULT WITH NUMBER 1 THE ALARM WAS CAUSED BECAUSE THE MACHINE COULDN'T CHANGE TO NEXT AXIS THE FAULT IS TELLING ME THAT THE MACHINE IS TRYING TO MOVE FROM ONE AXIS TO THE OTHER SOMETHING WASN'T MAKING TO LET MACHINE START MOVING THE NEXT AXIS. I FOUND THAT THE BOTTOM C AXIS LIKED ABOUT 1/2 " TURNING TO ZERO TO LET PINS RELEASE I CHECKED ALL INPUTS FOR INDEX PINS AND INDEX CLAMPS ALL INPUTS WERE FINE. I FOUND THAT BOTTOM WAS HARD TO TURN. IT WAS OUT OF GREASE I FILLED WITH GREASE AND MACHINE RAN FINE. IF PROBLEM COMES BACK I NEED TO DISASSEMBLE BOTTOM INDEX STATION AND INSPECT GEARS			
170968	REPAIR OF EQUIPMENT	4/30/2013	41394	\$402.25
	Comments: C AXIS WONT REFERENCE REMOVED ALL COVERS CHECKED LIMIT SWITCH ON C AXIS. C AXIS LIMIT SWITCH WAS SUPPOSED TO BE NORMALLY CLOSED BUT IT WAS OPEN. WE REPLACED THE SWITCH AND C AXIS REFERENCED BUT THE TURRENT WOULDN'T. I FOUND THE MANUAL WITH THE INPUTS FOR THE MACHINE IT TOOK A WHILE TO FIND CORRECT BOOK. I CHECKED INPUTS FOR UPPER AND LOWER INDEX PINS AND UPPER AND LOWER INDEX CLAMPS. I HAD TO ADJUST 2 SENSORS FOR THE INDEX CLAMPS MACHINE REFERENCE FINE AFTERWARDS. I PUT GUARD BACK AND LABELED MANUAL CORRECTLY TO MAKE IT EASIER NEXT TIME.			
171352	REPAIR OF EQUIPMENT	5/3/2013	41397	\$132.90
	Comments: BOLT REAR AND FRONT COVERS SAME			
171355	REPAIR OF EQUIPMENT	5/2/2013	41396	\$531.60
	Comments: NEED TO REPAIR AND REINSTALL AUTO INDEX LOWER PIN REASSEMBLE LOWER AUTO INDEX CLEAN UP MULTI TOOL STATION 25G REINSTALL LOWER AUTO INDEX AND LINEUP LWOER AND UPPER INDEX USE ALIGNMENT TOOL ON STATION 210 AND 201 364 AND MULITTOOL STATION ON 256 CHECK INPUTS ON DIAGNOSTIC SCREEN CLEAR ALARM 2001 AUTO INDEX NO ALARMS LOWER INDEX PIN WILL EXTEND AND RETRACK OK			
171364	REPAIR OF EQUIPMENT	5/3/2013	41397	\$227.50
	Comments: NEED TO RUN PARTS AND CHECK OPERATION CHECKED ALIGNMENT OF TOOLS IN INDEX STATION. ONE TOOL WAS OUT 90 DEGREE WE ALIGNED TOOL AND REFERENCED AND RAN A DRY CYCLE. WHEN IT TRIED TO CHANGE INDEXES IT WAS OFF BY ABOUT A QUARTER TURN. WE LOOSENED SLAP COUPLING AND DRIVE MECHANISM AND ALIGNED AND RETIGHTENED WE RAN ANOTHER CYCLE AND IT RAN GOOD. AFTER PUTTING A NEW TOOL AND DIE IN ONE OF THE INDEX STATIONS AND PUNCHING WE NOTICED THAT THE DIE WAS DAMAGED A LITTLE ON ONE SIDE. WE WENT THROUGH PROCEDURE WITH I LINE UP TOOLS AND REALIGNED TOOLS MACHINE RAN FINE AFTERWARDS			

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171365	REPAIR OF EQUIPMENT	5/2/2013	41396	\$315.00
	Comments: SHAFT BENT ON LOWER INDEX			
	REMOVED SHAFT FROM HOUSING AND GOT TOOL ROOM TO TURN DOWN THE END. PUT IT BACK IN AND IT WOULDN'T ENGAGE AND DISENGAGE. THE SHAFT WAS BENT ENOUGH ON THE SPLINES TO PUT IN A BIND I HAD THE TOOL ROOM RUN DOWN SHAFT ON SPLINES THEY TURNED I DOWN 3 TIMES BEFORE IT WORKED. I PUT IT BACK TOGETHER AND IT ENGAED AND DISENGAGED FINE. I REMOUNTED TO MACHINE			
171459	REPAIR OF EQUIPMENT	5/9/2013	41403	\$70.00
	Comments: REPALCE GUARDS ON THE BACK OF MACHINE			
	INSPECTED INDEX TOOLING AND DISCOVERED ROUGH SPOTS ON KEY INDEX TURN TOOL USED FILE TO SMOOTH SURFACE ON TOP AND BOTTOM CURVED EDGES FOR BETTER ALIGNMENT ON KEY TOOLING			
173369	REPAIR OF EQUIPMENT	7/1/2013	41456	\$94.35
	Comments: WIRES EXPOSED FROM FOOT PEDALS			
	REPLACED WIRE AND FLEX CONDUIT AND CONNECTORS			
176823	REPAIR OF EQUIPMENT	10/25/2013	41572	\$753.64
	Comments: TOP DEAD CENTER KEEPS QUITTING			
	FOUND THAT THE AIR REGULATOR WAS INSTALLED BACKWARDS GOT THE REGULATOR REPOSITIONED CORRECTLY AND FOUND A COUPLE AIR LEAKS ON THE BREAK SYSTEM ALSO ADJUSTED THE RAM POSITION FOR THE BRAKE			
176858	REPAIR OF EQUIPMENT	10/29/2013	41576	\$99.68
	Comments: TOP DEAD CENTER KEEPS QUITTING			
	FOUND OUTPUT FOR CLUTCH BROKE ON DIAGNOSTICS SCREEN FLAGGED LIMIT SWITCHES TO FIND RIGHT ONE MOVED THE FLAG FOR BRAKE CLOSER TO TURK BRAKE ON SOONER SO IT WOULDN'T OVER TRAVEL.			
177548	REPAIR OF EQUIPMENT	11/12/2013	41590	\$63.17
	Comments: COVER NEEDS ANOTHER BOLT TO HOLD UP			
	REMOVE WORN SAFETY HOUSING AMEASURED CUT AND WELDED NEW PIECE INOT SHEILD REPLACED AND SECURED WITH FASTNERS			
177731	REPAIR OF EQUIPMENT	11/20/2013	41598	\$17.50
	Comments: TOOL LUBE LINE BROKEN ABOVE TURRET HEAD			
	FIXED LINE BY SPLICING			
178232	REPAIR OF EQUIPMENT	12/2/2013	41610	\$23.47
	Comments: LUBRICATION WARNING LIGHT WILL NOT GO OFF AND LUBE PUMP MAKING NOISES			
	FLUSHED LUBE LINES TO REMOVE BLOCKAGE			
178576	REPAIR OF EQUIPMENT	12/20/2013	41628	\$188.70
	Comments: WONT STROKE			
	CHECKED OPERATION FOUND LOOSE CONNECTION AT CLUTCH VALVE TRIED TO SOLDER INDICATOR BOARD TRACES WEHRE TOO BURNT BY PASSED BOARD WIRED COIL STRAIGHT IN CHECKED OPERATION OK			

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178582	REPAIR OF EQUIPMENT	12/19/2013	41627	\$245.43
	Comments: INTERRUPTED CYCLE, IT WONT FINISH PROGRAM			
	PROGRAM STOPPED AT 1 SQUARE TOOL MOVE TOOL TO CHANGE TOOL POSITION CHECK 1 SQUARE TOOL CLEAN IT REFERENCE MAHCINE AGAIN START NEW CYCLE IT RUN 1 SHEET OK IT STOPPED AGAIN ON THE NEXT CYCLE AT THE SAME TOOL 1 SQUARE WAIT PRESS TART ALARM CAME ON CLEAR ALARM AND HIT START AGAIN RESTART MACHINE REFERENCE AND START NEW CYCLE IT STOP AGAIN AT THE SAME TOOL COULD NOT FIND THE PROBLEM			
179062	REPAIR OF EQUIPMENT	1/9/2014 8:36:12 AM	41648	\$69.80
	Comments: PERFORM PM MONTHLY			
179139	AMADA TURRET PUNCH PRESS MO	1/7/2014 1/21/2014	14	\$40.50
179226	AMADA 002 ANNUAL PM	1/14/2014 4/4/2014 7:33:28 AM	80	\$0.00
180002	AMADA TURRET PUNCH PRESS MO	2/20/2014 2/5/2014 8:00:55 AM	0	\$14.65
181200	AMADA TURRET PUNCH PRESS MO	3/7/2014 3/18/2014 7:16:52 AM	11	\$40.50
181948	AMADA TURRET PUNCH PRESS MO	4/17/2014 4/14/2014 7:28:05 AM	0	\$20.25
182093	REPAIR OF EQUIPMENT	4/7/2014	41736	\$54.92
	Comments: AIR HOSE LOOSE IN BACK OF THE TURRET			
	REPLACED AIR FITTIN ON CYLINDER ON RAM AND REMOUNTED HOSE REPLACED QUICK CONNECT COUPLING THAT WAS LEAKING AIR			
182182	REPAIR OF EQUIPMENT	4/11/2014 12:35:52 PM	41740	\$20.25
	Comments: LUBE LINE OFF			
	FOUND LUBE LINE CUT IN TO REROUTED INE AND REPAIRED			
182417	REPAIR OF EQUIPMENT	4/24/2014 7:15:55 AM	41753	\$174.50
	Comments: PERFORMED ANNUAL PM			
182637	REPAIR OF EQUIPMENT	5/1/2014	41760	\$367.25
	Comments: INDEX ALARM			
	LOWER AUTO INDEX SHAFT WAS BROKE GOT IT OUT AND REPLACED THE SHAFT WENT OUT TO SEE WHY IT BROKE AND FOUND THE LOWER WORN SHAFT BROKE ALSO SPENT REST OF THE DAY TRYING TO GET IT OUT SO WE COULD GET THE NEW IN AND START PUTTING IT BACK TOGETHER			
183018	AMADA TURRET PUNCH PRESS MO	5/14/2014 6/5/2014	22	\$34.90
183045	REPAIR OF EQUIPMENT	5/5/2014	41764	\$347.98
	Comments: REPAIRING AUTO INDEX STATION			
	FINISHED REMOVING WORN GEAR ASSEMBLY REBUILT ASSEMBLY AND PUT BACK IN ALIGNED STATION ON OTHER SIDE			

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183049	REPAIR OF EQUIPMENT	5/5/2014	41764	\$465.15
	Comments: FINISHING UP AUTO INDEX AND WORM GEAR SHAFT REPLACEMENT HAD WORM GEAR IN PLACE BUT COULDN'T GET TOOLING TO LINE UP CORRECTLY TRIED SEVERAL DIFFERENT METHODS AND NONE WORKED. CALLED FRANK FROM AMADA AND HE SAID WE HAD TO TAKE ROLL PIN OUT OF SHAFT AND GET TOOLING SET THEN DRILL THE HOLE FOR THE ROLL PIN AFTER GETTING TOOLING WE DRILLED HOLE IN SHAFT AND PUT ROLL PIN BACK IN STARTED PUTTING EVERYTHING BACK TOGETHER ON IT. GOT EVERYTHING PUT ON SO WE COULD TRY AND REFERENCE IT TOOLING WAS JUST A LITTLE OFF LEFT OFF WITH IT THERE			
183065	REPAIR OF EQUIPMENT	5/6/2014	41765	\$299.03
	Comments: FINISHING UP THE AUTO INDEX SHAFT AND WORM GEAR SHAFT REPLACEMENT FINALLY GOT THE TOOLING TO LINE UP CORRECTLY GOT EVERYTHING TIGHTENED UP GOOD MOVED BOTH MULTITools UNDER THE STICKER AND MADE SURE ALIGNMENT WAS CORRECT THERE TOO. GOT BILLY TO REFERENCE THE MACHINE. IT WORKED GOOD. PUT THE TABLE BACK IN AND LET HIM RUN A COUPLE OF PIECES TO SEE WHAT IT WAS GONNA DO. PUT ALL GUARDS BACK ON AND LET THEM HAVE IT WENT BACK TO CHECK ON IT AND WORM SHAFT WAS NOT LOCKED IN CHRIS CALLED FRANK AND HE SAID IT HAD TO DO WITH THE BRAKE ON THE BOTTOM SHAFT			
183136	REPAIR OF EQUIPMENT	5/9/2014	41768	\$405.80
	Comments: MULTITOOL INDEX SHAFT BROKEN LOWER TURRET ASSIST DAY SHIFT TO REASSEMBLE MULTITOOL INDEX LOWER TURRET			
183159	REPAIR OF EQUIPMENT	5/7/2014	41766	\$157.25
	Comments: BRAKE WASN'T WORKING ON WORM GEAR SHAFT TOOK LOWER TURRET APART TO BE ABLE TO GET TO THE LEAK HAD TO REMOVE 5 STATIONS TO BE LEFT OF THE WORM GEAR GOT THE BRAKE OUT AND IT HAD SEVERAL PIECES OF METAL IN IT. TOOK IT APART AND CLEANED IT OUT REALLY GOOD GOT THE BRAKE BACK IN AND TIGHTENED DOWN IT WAS HOLDING THE SHAFT IN PLACE LIKE IT WAS SUPPOSE TO PUT ALL OTHER STATIONS BACK IN AND TO DO ON ALIGNMENT ON ALL 5 OF THEM EVERYTHING WAS WORKING GOOD AFTER REFERENCING IT TURNED IT OVER TO FAB			
183161	REPAIR OF EQUIPMENT	5/9/2014	41768	\$398.70
	Comments: FINISHING INSTALL OF WORM SHAFT PUT RETAINING ON COUPLING UPT PLATE BACK ON LEFT SIDE VERIFIED RELEASE OF BRAKE AT BOTH RELEASES CHECKED PUNCHES HOLES ARE PUNCHING FINE WATCHED OPERATION SHAFT BROKE WHILE AUTO INDEXING WE BROKE DOWN WORM SHAFT TOOL FOUND BAD BEARINGS IN TOOL			
183163	REPAIR OF EQUIPMENT	5/10/2014	41769	\$105.00
	Comments: PREPARATION FOR REBUILD OF BOTH LOWER ARM GEARS REMOVED TURRET PLATE REMOVED LEFT SIDE PLATE OVER AUTO INDEX REMOVED OTHER WORM GEAR AND H001 CHECKED BEARING IN TOOL THEY WERE ALSO BAD LIKE OTHER SIDE GOT EVERYTHING DISASSEMBLED AND CLEARED			

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183165	REPAIR OF EQUIPMENT	5/8/2014	41767	\$832.40
	Comments: BROKE WORM GEAR SHAFT			
	BRAKE ANOTHER WORM GEAR SHAFT DISASSEMBLED IT AND STEVE VINEYARD CALLED TUPELO TOOL AND DIE TO SEE ABOUT FIXING IT THEY TOOK IT AND REPAIRED IT			
	GOT IT BACK TO US AND WE PUT IT BACK IN AND HAD TO ALIGN ALL THE STATIONS UP			
	ALIGNED MULITTOOL STATION UP WHICH IS THE HAREDEST TO ALGIN HAD EVERYTHING READY TO RUN EXCEPT PUTTING TOOLS BACK IN STOPPED HERE SO BILLY CARTER COULD HELP WITH REFERENCING EVERYTHING			
183193	REPAIR OF EQUIPMENT	5/12/2014	41771	\$321.85
	Comments: AUTO INDEX REBUILD			
	DISASSEMBLED LASER AUTO INDEX DRIVE UNIT ORDERED PARTS FOR DRIVE UNIT DUE TO SLACK IN GEAR			
	INSTALLED NEW BEARINGS ON BOTH LOWER TOOLS INSTALLED BOT LOWER TOOLS ALIGNED ONE TOOL			
183222	REPAIR OF EQUIPMENT	5/14/2014	41773	\$330.48
	Comments: TURRET REBUILD			
	WORKED ON GETTING THE BRAKE ADJSUTED			
	TOOK SHOP VAC AND CLEANED THE SLUGS OUT OF ALL THE TIGHTER PLACES			
	HAD TO LOOSEN THE NUT ON TOOLING BEARINGS SO THEY COULD FIRE UP AND GET THE HARD SPOTS OUT OF IT THE WORM SHAFT WAS TIGHT TO TURN BUT AFTER LOOSENNG IT UP SOME IT FREED UP AND WORKED CORRECTLY			
	GOT PARTS LIST AND GOT PARTS ORDERED FOR TOMORROW			
183225	REPAIR OF EQUIPMENT	5/13/2014	41772	\$220.15
	Comments: FIXING AUTO INDEX			
	WORKED WITH FRANK TO TY AND LEARN THE ROPES OF THE AUTO INDEX REBUILD			
	HELPED WITH GETTING EVERYTHING BACKTOGEHER HAD TO GET OSME NW PARTS FOR HIM ALONG THE WAY			
	GOT WORM SHAFTS PUT BACK IN AND ALIGNED REBUILT INDEX STATIONS ADJSUTED BACK LASH IN THE GEARS			
	FRANK SAYS IT DOESN'T NEED TO BE RUN BECAUSE THE TOP NEEDS TO BE REBUILT			
183235	REPAIR OF EQUIPMENT	5/15/2014	41774	\$505.48
	Comments: REBUILDING AUTO INDEX			
	REBUILT UPPER TOOL STATIONS FOR AUTO INDEX			
	CLEANED AND PUT NEW BEARINGS ON AND INSTALLED PUT NEW RING GEARS ON REBUILT UPPPER AUTO INDEX DRIVE REBUILT BOTH UPPER WORM ASSEMBLIES PUT THEM BACK IN			
183330	REPAIR OF EQUIPMENT	5/16/2014	41775	\$431.93
	Comments: FINISH UP WITH FRANK			
	PUT TOP WORM GEAR SHAFT AND BOTH GEAR HOUSINGS BACK ON			
	DID ALIGNMEN AND ST THE BACKLASH ON THE GEARS			
	HAD TO DO SOME WORK ON THE BRAKE TO MAKE RELEASE ALL THE WAY TRIED AUT INDEXING IT AND IT HAD A BAD VIBRATION ON JUST ONE SIDE			
	TIGHTENED THE BACKLASH OF THE GEARS UP AND FIXED THE PROBLEM HAD IT READY TO RUN			

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183378	REPAIR OF EQUIPMENT	5/19/2014	41778	\$207.01	
	Comments: MACHINE WILL NOT WORK REFERENCE X AND Y AXIS TURRET WONT REFERENCE INDEX NOT READY ALARM TURRET WAS NOT LOCK BUT IT WONT TURN CHECK TURRET POSITON, INDEX TOOL NOT IN POSITION CHECK LOWER TURRET BRAKE SOMETHNG HIT CYLINDER BRACKET UNDER LOWER TURRET WE DIDENT HAVE THE PART SO WE REMADE THE PART AND LEFT FOR ROBERT TO WELD UP				
183380	REPAIR OF EQUIPMENT	5/20/2014	41779	\$279.20	
	Comments: RECEIVED DAMAGED PART FROM SECOND SHIFT FOR REPIAR WELDED UP PART GROUND OFF, REMOVED BROKEN BOLT, REASSEMBLED AND PUT BAK ONTO MACHINE				
183399	REPAIR OF EQUIPMENT	5/20/2014	41779	\$166.13	
	Comments: WONT REFERENCE CHECKED INPUTS NO BRAKE INPUT ON BACK SIDE ADJUSTED PROX AND TURNED BRAKE 180 REFERENCED MACHINE				
184241	REPAIR OF EQUIPMENT	6/16/2014	41806	\$63.17	
	Comments: AMADA KEEPS SHUTTING DOWN WITH LUBE PINUP FAN ADDED GREASE TO LUBE PUMP RESERVOIR				
184242	REPAIR OF EQUIPMENT	6/16/2014	41806	\$17.50	
	Comments: LOW LBUE LEVEL ALARM WILL NOT LET US CHANGE TOOLS ADD GREASE TO THE AUTOMATIC LUBE SYSTEM BUT COULD NOT TELL THE LEVEL NO ALARMS ACTIVE COULD NOT FIND OPERATOR TO RUN TURRET PRESS				
184255	REPAIR OF EQUIPMENT	6/18/2014	41808	\$49.09	
	Comments: CYCLE STOPPED PUNCH NOT ALT TOP DEAD COUNTER HELP OPERATOR CHANGE OPERATION TO MANUAL MANUAL PUNCH TOP DEAD CENTER ON EFERENCE MACHINE IT RUN OK				
184741	AMADA TURRET PUNCH PRESS MO	7/7/2014	7/15/2014	8	\$34.90
185141	REPAIR OF EQUIPMENT	7/9/2014	41829	\$15.73	
	Comments: TOOLING CHEST WILL NOT OPEN EXAMINE TOOLING CHEST TOP DRAWER WOULD OPEN LOCKING DEVICE WAS NOT CORRECTED FOUND BACK PLATE ON CHEST REMVOE TO ACCESS LOCKING RAIL TO UNLOCK OTHER DRAWERS				
185210	REPAIR OF EQUIPMENT	7/11/2014	41831	\$33.23	
	Comments: STOP WORKING THOUGH IT MAY HAE BEEN THE BELTS WENT OVER TO INSPECT THE BELTS AND REALIZED ONE OF THE AIR LINES HAD BROKEN GOT A NEW CLAMP AND PUT AIRLINE BACK ON AND IT WORKED CORRECTLY				
185989	AMADA TURRET PUNCH PRESS MO	8/14/2014	8/13/2014 7:33:27 AM	0	\$69.80
186113	REPAIR OF EQUIPMENT	8/7/2014	41858	\$17.50	
	Comments: UPPER TOOL GOT STUCK ON LOWER TOOL TURN TURRET TO TOOL CHANGE STATION HIT WITH A PUNCH UPPER TOOL THROUGHT LOWER TOOL BOOTH TOOLS UPPER AND LOWER IN BAD SHAPE				

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186176	REPAIR OF EQUIPMENT	8/13/2014 7:51:34 AM	41864	\$17.45
	Comments: LOW OIL SOUTH GEAR BOX			
	ADDED OIL TO CORRECT LEVEL			
186999	AMADA TURRET PUNCH PRESS MO	9/12/2014 9/16/2014 7:17:35 AM	4	\$52.35
187158	REPAIR OF EQUIPMENT	9/4/2014	41886	\$110.08
	Comments: BOTTOM PLATE FOR CLAMPS NEED TO BE REATTACHED TO CLAMP BODY			
	SCREWS AHT ATTACH THE BOTTOM PLATE TO MAIN BODY OF THE CLAMP			
	STRIPPED OUT 30 MIN BEFORE SHIFT CHANGE			
	ASSISTED MIKE HARLOW OF TOOL ROOM IN REBUILDING THE CLAMP			
	INSTALLED CLAMP SHIFT CHANGE			
187182	REPAIR OF EQUIPMENT	9/8/2014	41890	\$20.13
	Comments: AIRLINE POPPED OFF			
	REPLACED BROKEN AIRLINE			
187340	REPAIR OF EQUIPMENT	9/16/2014	41898	\$52.35
	Comments: PERFORM MONTHLY PM			
	PERFORMED PM			
187583	REPAIR OF EQUIPMENT	9/23/2014	41905	\$17.50
	Comments: INDEX NOT RELEASED			
	TURNED AUTO INDEX TO ZERO AND REFERENCED			
187585	REPAIR OF EQUIPMENT	9/23/2014	41905	\$33.23
	Comments: TURRET DIE STATIN 31 NEEDS REPLACING			
	REPLACED TOOL WITH TOOL 332			
187648	REPAIR OF EQUIPMENT	9/24/2014	41906	\$117.18
	Comments: CYCLE STOPPED MACHINE WONT REFERENCE			
	NOT ALARM PRESENT REFERENCE X AND Y AXIS			
	COULD NOT REFERENCE T AXIS REFERENCE C AXIS			
	SHUT DOWN AND REFERENCE ALL AXIS AGAIN			
	CYCLE STOPPED AGAIN			
	PROBLEM. ALARM CORENR FROM C AXIS			
	LOWER INDEX PIN WOTN FULLY RETRACT THE TURRET WONT TURN AND			
	STOPPED THE CYCLE			
	DID NOT HAVE TIME TO FIX FOR OPERATION			
187696	REPAIR OF EQUIPMENT	9/25/2014	41907	\$232.58
	Comments: WOULDN'T RUN			
	COULD GET IT TO REFERENCE AND START A NEW CYCLE IT WOULD GET TO			
	THE SAME SPOT IN THE PROGRAM EVERYTIME AND STOP AND HAVE THE			
	ALARM 01 COULD REFERENCE IT AND START IT AGAIN AND IT WILL STOP IN			
	THE SAME PLACE			
	BILLY CARTER MESSED WITH THE PROGRAM AND GOT IT TO RUN ONE TIME			
	BUT IT WAS BECAUSE HE HAD SLOWED THE MACHINE DOWN			
	TALKED WITH FARNK AND HE SAID TO CHECK THE AUTO INDEX STATION			
	ASKED HIM ABOUT THE 01 FAULT AND HE SAID TO TRY ANOTHER PROGRAM			
	WE PULLED VOER OFF OF THE INDEX AND FOUND SLACK IN INDEX			
	THE ROLL PIN HAD COME OUT OF THE DRIVE SHAFT PUT ANOTHER ONE IN			
	AND IT REFERENCED A LL RAN FINE THERE AFTER			
188075	AMADA TURRET PUNCH PRESS MO	10/16/2014 10/21/2014 7:24:57 AM	5	\$20.25
188280	REPAIR OF EQUIPMENT	10/15/2014	41927	\$66.45
	Comments: TURRET WILL NOT TURN			
	TUREND A/I TO ZERO PUSHED X AXIS OFF OF LIMIT AND REZERORED			

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188968	AMADA TURRET PUNCH PRESS MO	11/20/2014	12/3/2014 7:53:43 AM	13	\$20.25
189036	REPAIR OF EQUIPMENT		11/4/2014	41947	\$105.00
	Comments: ADD 2 X 2 TASK LED FIXTURE ABOVE SPARTA AMADA 357				
	SAME, HAD TO MOVE WORK TABLE WIRE TO 210 VAC CIRCUIT, IT CAME ON OK COMPLETED				
189454	REPAIR OF EQUIPMENT		11/25/2014	41968	\$373.14
	Comments: RUN CONDUIT AND AIRLINE FOR AMADA AND ACCUPRESS				
	RAN CONDUIT AND WIRE AND AIRLINE MOUNTED LIGHT CURTAIN FOR ACCUPRESS				
189911	REPAIR OF EQUIPMENT		12/6/2014	41979	\$78.63
	Comments: PAUL COULDN'T GET THE RAM TO STROKE				
	STARTED LOOKING OVER AND THOUGHT THE VALVE WAS STUCK TRIED MANUALLY MAKING TI STROKE BUT IT WOULDN'T SAW THERE WASN'T ANY HYDRRACTICE PRESURE MOTOR WAS RUNNING DIDN'T HAVE PRESSURE TOOK VALVE APART AND FOUND AN ORING HANING HALF WAY OUT OF ONE SIDE DIDN'T LOOK LIKE THE VALVE WAS LCOSED OFF JUST PULLED THE ORING OUT AND PUT BACK TOGETHER LOOKED LIKE TI WAS CLOSED OFF AND IT WOULD SHIFT AND COME BACK TO THE NORMAL POSTION				
189946	REPAIR OF EQUIPMENT		12/8/2014	41981	\$188.70
	Comments: FOLLOWING UP ON NO HYDRAULIC PRESSURE				
	PUT VALVE BACK TOGETHER AND BACK ON AND STILL COULD NOT STROKE THE RAM THE PRESSURE RELIEF VALVE COULDN'T ADJUST SO WE TOOK IT OFF CLEAND IT THROUGHLY PUIT BACK TOGETHER AND STILL NOT PRESSURE WHILE ADJSUTING GOT BILLY TO RUN A COUPLE SHEETS AND IT RAN FINE				
190001	REPAIR OF EQUIPMENT		12/13/2014	41986	\$99.68
	Comments: SAFETY CIRCUIT WONT RESET				
	LINED UP LIGHT CURTAIN				
190684	AMADA TURRET PUNCH PRESS MO	1/2/2015	1/14/2015	12	\$69.80
190842	REPAIR OF EQUIPMENT		1/10/2015	42014	\$125.80
	Comments: AMADA SYSTEM NOT READY				
	CHECKED ALL FUSES CHECK ALL BREAKERS EXCEPT FOR 2 AMP BREAKERS THEY SEEM WEAK				
	CHECKED LS FOR OVER TRAVEL SWITCHES CHECK OK HYDRAULIC SYSTEM CHECKED OK BUT WOULD NOT ACTIVATE WHEN MAIN MOTOR WAS ON				
190856	REPAIR OF EQUIPMENT		1/12/2015	42016	\$638.11
	Comments: N/C READY LIGHT WONT COME ON				
	BREAKER KEEPS TRIPPING FOR HYD MOTOR CHECKED MOTOR HAD ONE LIEG OPENA ND ONE SHORTED REMOVED MOTOR AND PUMP				

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190878	REPAIR OF EQUIPMENT	1/14/2015	42018	\$129.35	
	Comments: AMADA DOWN				
	CHECKED CIRCUITS CHECKED BREAKER PROTECTOR REMOVED PRESSURE SWITCH JUMPER WORKS NOW BUT CP15 IS GOING BAD GETTING WEAK NEED TO BE REPLACED DOUBLE POLE SINGLE THROW BREAKER PAUL IS FAMILIAR WITH BREAKERS				
190884	REPAIR OF EQUIPMENT	1/14/2015	42018	\$392.68	
	Comments: REPLACING MOTOR				
	MOUNTED MOTOR AND PUT HYDRUALIC UNIT BACK TOGETHER. TESTED OPERATION. WE ONLY HAD 140V ON ONE LEG THE CONTRACTOR WAS BAD WE REPLACED CONTRACTOR STILL NO N/C READY LIGHT ON WE HAD NO VOLTAGE GOING TO THE PRESSURE SWITCH PASSED ON TO JOSE				
190973	REPAIR OF EQUIPMENT	1/15/2015	42019	\$501.68	
	Comments: AMADA PRESS WILL NOT PUNCH PRODUCT SHEETS				
	CHECK VOLTAGE TO EACH (ACTIVATION VALVE FOR PUNCH PRESS VOLTAGE WAS PRESENT ON SYSTEM CHECKED THE COIL OHMS AGAINST THE COILS OF AMADA 537 ALL COILS CHECKED OUT OK STARTED AMADA 337 SYSTEM CHECKED HYDRAULIC SYSTEM FOR PRESSURE. PRESSURE WAS PRESENT ON AMADA 337 CHECKED HYDRAULIC SYSTEM ON AMADA 002 DISCOVER HYD. RESERVOIR IS COMPLETELY SHOWING NO PRESSURE ON PUNCH PRESS SYSTEM SUPPLY OR RETURN SIDE OF HYD SYSTEM SPECULATION IDEAS LOVE JOY SLIPPED OFF SHAFT OF EITHER HYD PUMP HYD PRESURE MOTOR WE HAVE NOT PRESSURE				
190995	REPAIR OF EQUIPMENT	1/16/2015	42020	\$265.80	
	Comments: WOULDN'T PUNCH				
	CHECKED ALL OUR HYDRAULICS AND FOUND NOTHING WRONG WITH HYDR. THE BREAKER AND TERMINAL THAT WAS THE PROBLEM WITH THE NC READY THE SAME PROBLEM WITH THE PUNCH THE TERM BLOCK WHERE THE BREAKER PLUGGIN WAS ONLY CLOSING ON THE TWO NC READY WIRE THE TWO FOR THE PUNCH WAS POWER CLOSING TOOK WIRES OFF AND PUT A FUSE AND STATED WORKING FINE PART ORDERED AS SOME BREAKERS ARE TERMINAL BLOCKS				
190999	REPAIR OF EQUIPMENT	1/14/2015	42018	\$262.25	
	Comments: AMADA WILLNOT RUN JUST SAYS NOT READY CHECK PRESSURE SWITCH AND AUXILART RELAY CONTACT OK REMOVE JUMPER FROM PRESSURE SWITCH OK E STOP CIRUCIT INTERRUPTED NO OVERTRAVEL LIMIT MUTE TOP DEAD CENTER OK AIR PRESSURE SWITCH OK CHECK ALL ESTOP CIRCUIT JUMP CP-15 OPEN AT CP-15 CONTACT FOUND RIGHT BREAKER AND REPLACED 1-15 READY REFERENCE ALL AXIS X CLEAN UP HYDR UNIT SERVER DID NOT HAVE ANY ORDER TO RUN ON THIS PRESS ON 2ND SHIFT				
191667	AMADA TURRET PUNCH PRESS MO	2/13/2015	2/17/2015 7:17:39 AM	4	\$34.90
191746	REPAIR OF EQUIPMENT	2/4/2015 1:19:33 PM	42039	\$33.23	
	Comments: CP 15 NEEDS REPLACING				
	REPLACED BLOCK FOR CIRCUIT PROTECTOR 15				

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191757	REPAIR OF EQUIPMENT	2/4/2015	42039	\$416.20
	Comments: STOPPED CYCLE NC NOT READY EMERGENCY STOP/RESET ALARM14 CHECK ESTOP CIRCUIT FIND THE RIGHT PRINTS NO VOLTAGE AVDC TO EM RELAY FOUND OVERTRALVEL NC READY TRY TO START CYCLE IT STOPPED AT 0.250 FOUND LOOSE WIRES AT X AXIS 440 441 VERIFY PROGRAM AND ACTUAL POSITION SLIGHTLY ADJUST X LIMIT SWITCH BRACKET START CYCLE AGAIN OK IT RUN OK REST OF SHIFT			
191821	REPAIR OF EQUIPMENT	2/7/2015	42042	\$66.45
	Comments: WONT RUN FULL CYCLE RESTARTED CHECKED SWITCHES ERROR DROPPED OUT CLEADNED SCRAP OUT FROM UPPER TURRET			
191822	REPAIR OF EQUIPMENT	2/7/2015	42042	\$66.45
	Comments: HARD WIRED RECEPT FOR COMPUTER HARDWIRED COMPUTER			
191830	REPAIR OF EQUIPMENT	2/7/2015	42042	\$35.00
	Comments: INDEX NOT PREPARED TURNED UPPER POINT SHAFT TO CORRET POSITON AND RESTARTED FOUND STACK IN UPPER DRIVE JOINT IT PROBLEMS KEEPS OCCURING I WILL REPINE THE UPPER SHAFT			
191988	REPAIR OF EQUIPMENT	2/17/2015	42052	\$166.13
	Comments: STOPPING AT SAME SPOT IN PROGRAM CHECKED DIAGNOSTICS TO FIND SOMETHING ABNORMAL EVERYTHING LOOKED FINE. ALSO THERE WERE NO ALRAMS TRIED ANOTHER PROGRAM IT RAN FINE GOT QUNITON TO LOOK AT THE PROGRAM WITH THE ISSUES			
192652	AMADA TURRET PUNCH PRESS MO	3/19/2015 3/25/2015 7:41:53 AM	6	\$20.25
192994	REPAIR OF EQUIPMENT	3/16/2015	42079	\$31.72
	Comments: INDEX PINS WILL NOT MOVE ACTIVATED PINS BACK AND FORTH THE INDEX PINE WOULD MOVE BUT THE TURRENT PINS WOULD NOT THERE WAS SLACK IN THE INDEX PINS AND THEY WERE NOT GOING ALL THE WAY BACK FILLED GREASE TANK UP			
193023	AMADA 002 ANNUAL PM	1/14/2015 3/18/2015 10:50:47 AM	63	\$0.00
193030	AMADA 002 ANNUAL PM	1/14/2015 3/19/2015	64	\$0.00
193034	REPAIR OF EQUIPMENT	3/17/2015	42080	\$66.45
	Comments: PARAMETERS ARE OFF WITH THE NEW BOARDS INSTALLED ADJSUTED PARAMETER 83 Y ASXIS UNTIL WE GOT DESIRED DISTANCE FROM END OF METAL TO CENTER OF PUNCH			
193036	REPAIR OF EQUIPMENT	3/19/2015 7:55:30 AM	42082	\$398.70
	Comments: MOUNT SAFETY GUARDS MEASURE INSTALLED UPRIGHT POST AND EXPANDED GATES BETWEEN POST			

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193049	REPAIR OF EQUIPMENT	3/19/2015	42082	\$175.00
	Comments: RUN CONDUIT FOR GUARD INTERLOCK			
193052	REPAIR OF EQUIPMENT	3/19/2015	42082	\$471.75
	Comments: COMPLET SAFETY GURAD			
	MOUNTE ENTRANCE DOOR AT SOUTHWEST CORNER HAD TO BRACE DOOR REMOVED ONE PANEL AFTER EXPANEDED METAL WELD BROKEN LOOSE REWELEDED AT SHOP AREA AND REPLACE PAINTED GUARDING			
193087	REPAIR OF EQUIPMENT	3/19/2015	42082	\$430.42
	Comments: GUARD RAILS			
	FINISHED PUTTING UP GUARD RAILS AND GETTING THEM STRAIGHTENED UP			
193111	REPAIR OF EQUIPMENT	3/23/2015	42086	\$49.22
	Comments: INDEX PINS WILL NOT FUNCTION			
	RESET THE POWER AND REFERENCE MACHINE THEN ADJUSTED THE SHAFTS TO THE INDEX PINS			
193115	REPAIR OF EQUIPMENT	3/23/2015	42086	\$17.50
	Comments: INDEX NOT READY ALARM/INTERRUPT AUTOMATIC CYCLE			
	CLEAR ALARM, BUT IT WONT FINISHE ONE SINGLE CYCLE			
193128	REPAIR OF EQUIPMENT	3/24/2015	42087	\$157.25
	Comments: FAN NOT WORKING			
	INSPECTED WIRING FOR SHORT (OK) CHECKED TOGGLE FOR SHORT TOGGLE BAD CHANGE TOGGLE FAN STILL NOT WORKING CHANGED FAN HEAD MOUNTED ANOTHER FAN FOR PRODUCTION IN SAME AREA BEGAN RUNNING CONDUIT FOR POWER SOURCE			
193323	REPAIR OF EQUIPMENT	3/27/2015	42090	\$47.18
	Comments: HAVING THE INDEX ALARM			
	ROLL PIN WAS BROKE HALF WAY OUT OF ONE SIDE TOOK A WHILE TO GET A BROKE PIECE OUT DROVE A NEW ROLL PIN AND TIGHTENE THE SET SCREW UP			
193759	AMADA TURRET PUNCH PRESS MO	4/24/2015 4/29/2015 7:32:36 AM	5	\$20.25
193969	REPAIR OF EQUIPMENT	4/9/2015	42103	\$31.45
	Comments: AUTO INDEX DOWN			
	HAD TO BARELY MOVE THE COUPLING AND TIGTHEN SET SCREW TILL I GOT IT EXACTLY WERE IT NEEDED TO BE LET IT RETREAT WATCHED JOHN RUN SEVERAL TO MAKE SURE IT WAS GONNA STAY WE HAVE THE PARTS TO FIX THIS ISSUE JUST WAITING ON FRANK FROM AMADA			
193994	REPAIR OF EQUIPMENT	4/10/2015	42104	\$87.50
	Comments: ARI NEEDS SOME WORK			
	FRANK BLAND CAME IN FOR PM HE DIDN'T GET TO DO THEM BUT HE WENT OVER SOME THINGS WITH ME ON SOME OF THE MACHINES			
194256	REPAIR OF EQUIPMENT	4/23/2015	42117	\$15.73
	Comments: AUTO INDEX ALARM			
	PUT IN MANUAL AND MADE THE AUOT INDEX RETREAT MADE SURE ROLL PINS WERE STILL TIGHT TIGHTENED SET SCREW DOWN TIGHT			
194814	AMADA TURRET PUNCH PRESS MO	5/29/2015 6/5/2015	7	\$35.98

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194914	REPAIR OF EQUIPMENT	5/6/2015	42130	\$66.45
	Comments: ACCUPRESS Y AXIS NOT RESETTING			
	CHANGED FOOT PEDAL INSPECT DRIVE BOARDS USE CONTACT CLEANER TO CLEAN BOARDS			
	LUBRICATED RAM AND PIVOT POINTS WIT SLICK 50			
	REBOOTED MAIN SYSTEM RUNNING MATERIAL			
194916	REPAIR OF EQUIPMENT	5/6/2015	42130	\$47.18
	Comments: WOULDN'T CYCLE			
	TOOK FOOT PEDAL APART AND A CLIP THAT HOLDS THE CONTACTS DOWN HAD COME LOOSE ON ONE SIDE. PUT CLIP BACK IN AND IT WAS CYCLING GOOD			
	JOHN RAN 3 OR 4 PARTS WHILE I WATCHED HIM			
	CALLED BACK FOR IT NOT WORKING AGAIN AND I CHECKEDTHE FOOT PEDAL AND THE CLOP WAS STILL ON THEY WERE GONE TO BREAK AND I TURNED IT ONCE TO JOSE BEFORE LEAVING			
195117	AMADA 002 ANNUAL PM	3/19/2015 6/16/2015 10:37:45 AM	89	\$161.04
195175	REPAIR OF EQUIPMENT	5/20/2015	42144	\$172.98
	Comments: ANNUAL PM SCHEDULE WITH AMADA TECH			
	ASSISTED AMADA TECH WITH ANNUAL PM ON AMADA 2			
195195	REPAIR OF EQUIPMENT	5/21/2015	42145	\$66.45
	Comments: NEEDS LEVELING			
	JACKED MACHINE UP AND REMOVED A SHIM OS WE COULD HAE SOME MORE CUT HAD SHIM CUT OUT ON AN AMADA			
195338	REPAIR OF EQUIPMENT	5/29/2015	42153	\$35.98
	Comments: INSPECT TOOL LIFT			
	CHECKED FUNCITONING OF TOOL LFIT LOOKED OK TIGHTENED BOTLS ON STOP			
195799	REPAIR OF EQUIPMENT	6/1/2015	42156	\$83.95
	Comments: NEEDS LEVELING			
	ASSITED FRANK IN LEVELING MACHINE			
196328	REPAIR OF EQUIPMENT	6/24/2015	42179	\$66.45
	Comments: PART OF TOOL HOLDER CAME OFF			
	TOOL CHANGE STAITON DOOR WONT LATCH			
	MISSING BOLT AT TOOL HOLDER FIND 6MM BOLT			
	FIX TOOL CHANGE STATION DOOR LATCH			
	IT RUN OK REST OF 2ND SHIFT			
196845	AMADA TURRET PUNCH PRESS MO	7/6/2015 7/8/2015	2	\$53.96
196937	REPAIR OF EQUIPMENT	7/6/2015	42191	\$166.13
	Comments: CLAMP OPEN INDICATOR ON WONT CLOSE			
	CHECKED VOLTAGE TO CLAMP RELAY WE HAD THE RIGHT VOLTAGE GOING OUT TO MAKE CHECKED VOLTAGE ON COIL WE HAD THERIGHT VOLTAGE			
	LOOKED FOR A COIL COULDN'T FIND ONE EXACTLY THE SAME			
	WITH 3 PRONG CONNECTOR I FOUND ONE THAT WOULD WORK UNTIL WE GET THE RIGHT ONE			
196961	REPAIR OF EQUIPMENT	7/7/2015	42192	\$147.26
	Comments: TURRET ORIGIN LIGHT WILL NOT COME ON\FOUND THAT STRIKER WASN'T IN POSITION TO ALLOW TURRET TO ORIGIN TO BE ESTABLISHED REMOVED STRIKER AND INSPECTED THE SHAFT WAS BROKE ON STRIKER JERROD ORDER ONE TO BE HERE TOMORROW			

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197056	REPAIR OF EQUIPMENT	7/8/2015	42193	\$264.43	
	Comments: STRIKER SHAFT BROKE				
	REPLACED SHAFT TOOK US A LITTLE WHILE TO GET IT LINED UP PROPERLY SO IT WOULDN'T BIND				
197061	REPAIR OF EQUIPMENT	7/9/2015	42194	\$33.23	
	Comments: OILED PRESSURE ALARM				
	INSPECTED HYDR. SYSTEM FOR LEAKS HYDR MOTOR AND SYSTEM RUNNING Y AXIS OVER TRAVEL AND PUSHED TABLE OFF OF OVERTRAVEL LIMIT SWTICH MONITORED FOR CORRECT PROCEDURE				
197136	REPAIR OF EQUIPMENT	7/20/2015	42205	\$31.45	
	Comments: X AXIS OVER TRAVEL FAULT				
	RESET SYSTEM USING PROCEDURES RETRACT TURRET ROTATION				
197256	REPAIR OF EQUIPMENT	7/22/2015	42207	\$47.18	
	Comments: CLAMPS NOT MOVING DURING CYCLE OPERATION				
	FOUND BROKEN SHEARED LOCKING BOLT ON CLAMP HOUSING BROKEN USED DRILL EXTRACTOR RETHREADED AND REPLACED WITH NEW LOCKING BOLT				
197675	AMADA TURRET PUNCH PRESS MO	8/7/2015	8/18/2015	11	\$35.98
198285	REPAIR OF EQUIPMENT	8/20/2015	42236	\$35.00	
	Comments: INTERLOCK ALARM				
	FOUND BROKE PIN IN DRIVESHAFT PUT A NEW PIN IN AN D REFERENCED RAN CYDLE FINE				
198392	REPAIR OF EQUIPMENT	8/28/2015	42244	\$147.26	
	Comments: THYE HAD TROUBLE WITH IT STOPPING IN CYCLE AND 2ND SHIFT				
	WATCHED OPERATION BUT MACINE NEVER MESSED UP				
198415	REPAIR OF EQUIPMENT	8/27/2015	42243	\$101.45	
	Comments: CYCLE INTERRUPTED				
	NO ALARMS OR FAULTS, NO STOP CONDITIONS ZERO REFERENCE AGAIN START CYCLE IT SOPT CYDLE AGAIN NOT ALARMS ZERO REFERENCE REDUCE FEED RATE TO F2 IT RUN FULL CYCLE OPEATO RKEEP RUNNING PRESS IN FEED RATE F1 AND F2 BUT IT STOPPED MANY TIMES NO ALARMS OR STOP CONDITONS				
198420	REPAIR OF EQUIPMENT	8/27/2015	42243	\$280.43	
	Comments: STOPPING CYCLE				
	TIGHTEND SET SCREWS IN VIVIAN'S FOR AUTO INDEX RERETREIEVED AND RAN SEVERAL PARTS NEED ITOFOLLOW UP				
198430	REPAIR OF EQUIPMENT	8/26/2015	42242	\$97.90	
	Comments: INDEX DOWN				
	TIGHEN SET SCREWS ON U JOINTS ON LOWER AUTO INDEX RAN FUSE FOR 10 PARTS THAN STARTED ALARMING AGAIN DROVE THE OLD ROLL PIN OUT AND PUT THE NEW ONE IN				
198879	AMADA TURRET PUNCH PRESS MO	9/17/2015	9/24/2015	7	\$53.96
199054	REPAIR OF EQUIPMENT	9/8/2015	42255	\$48.95	
	Comments: LUBE LIGHT				
	FILLED RESERVOIR POWER CYCLED CLEARED REF FAULTS				

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199925	AMADA TURRET PUNCH PRESS MO	10/26/2015	10/24/2015	0	\$0.00
200033	REPAIR OF EQUIPMENT		10/2/2015	42279	\$506.40
	Comments: C AXIS ALARM INDEX NOT PREPARED FOLLOW DIRECTIONS FROM C HOLDER: DRILL AND EASE OUT SET SCREW, LOWER INDEX V JOINT DRIVE SIDE TRY TO TURN LOWER INDEX COUPLING BUT THE DIAL PIN WAS NOT BROKEN AT THE VJOINT DRIVE SIDE DRILL AND EASE PUT DIAL PIN. REPLACE IT FOR ROLL PIN ZERO SET TRY TO RUN CYCLE SAME ALARM WONT CLEAR THERE IS NOT ADJUSTMENT FOR THE TIMING AT THE V JOINT LOWER INDEX COUPLING WAS OFF PIGMENT AND LOWER FROM PULLEY ZERO SET OK RUN 1 FULL CYCLE ONLY PROGRAM WILL TOP AT THE SAME TOOL STATION, COULD NOT BE A PROBLEM WITH ANIX TOOL STATON				
200034	REPAIR OF EQUIPMENT		10/5/2015	42282	\$199.35
	Comments: INDEX NOT PREPARED ALARM ALSO C AXIS ORIGIN LIGHT FLASHING MOVE AUTO - INDEX MANULLY TO GET IT IN POSTION SO I COULD ZERO SET I ADJUSTED THE LOWER CLAMP AT L6 THIS WOULD ZERO BY RAN PROGRAM IT INDEX ALARM LOOKEDATDROVE STATS AND FOUND ONE HAD A BROKE PIN AND WAS TWISTED CAUSING IT ONOT TO BE ABLE TO RETRACT I SHOWED JOSE WHAT TO DO I TOLD HIM TO REMOVE SET SCREW AND THE PIECE OF PINN WAS WSTILL IN SHAFT REALIGN HOLES AND PUT NEW PIN IN				
200035	REPAIR OF EQUIPMENT		10/3/2015	42280	\$171.45
	Comments: INDEX NOT PREPARED ALARM BOTTOM PAINT SHAFT WAS STILL A LITTLE BIT OFF IT WASN'T LINING UP RIGHT WITH LINE UP KEY I RETRACTED SHAFT AND SET TIMING GOT MACHINE TO RUN 5 CYCLES THEN WE TRIED THE PROGRAM THEY NEEDED TO RUN IT KEPT GIVING A PROGRAM ALARM IT SAID ILLEGAL T CODE WHICH MEANT IT WAS CALLING FOR A TOOL THAT WASN'T THERE JOHN WENT BACK AND CORRECTED TOOL AND PROGRAM RAN FINE				
200058	REPAIR OF EQUIPMENT		10/5/2015	42282	\$87.50
	Comments: INTERLOCK AUTO INDEX WAS STILLGETTING OFF A LITTLE I FOUND SLACK AT THE PAINT SHAFT ITSELF THE DAY PRIOR I HAD FOUND SLACK AT THE U JOINT TO GET SLACK NUT OFFPOINT SHAFT I TIGHTENED BELT				
200069	REPAIR OF EQUIPMENT		10/5/2015	42282	\$17.50
	Comments: LOW AIR PRESSURE ASSIST OPERATOR TO CLEAR ALARM ZERO REFERENCE AND START CYCLE				
200960	AMADA TURRET PUNCH PRESS MO	11/23/2015	12/3/2015 7:55:16 AM	10	\$53.96
201384	REPAIR OF EQUIPMENT		11/20/2015	42328	\$66.45
	Comments: STOPPED IN CYCLE WATECHED OPERATION FOR ABOUT ONE HOURS BUT COUDLNT SEE IT FAULT OFF I HAD TO FOLLOW UP				
201389	REPAIR OF EQUIPMENT		11/20/2015	42328	\$17.50
	Comments: CYCLE STOPPED INDEX LOWER COUPLING ASSIST OPERATOR TO CLEAR ALARM ZERO REFERENCE OK WATCH OPERATION FOR 3 CYCLES ALL OK RAN OK REST OF SHIFT				

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201696	REPAIR OF EQUIPMENT	12/1/2015	42339	\$50.73
	Comments: INDEX ALARM			
	WATCHED OPERATION ID NOT SEE IT FAULT NEED TO FOLLOW UP AND SEE EXACTLY WHAT IT IS DOING			
201714	REPAIR OF EQUIPMENT	12/2/2015	42340	\$35.00
	Comments: STOPPIN IN CYCLE WITH NO ALARM			
	WATCHED OPERATION AND FOUND THAT THE AUTO INDEX WAS DOUBLE RETRACTING UNTIL IT LOOKED IN POSITION WE ADJUSTED THE LOWER BELT TENSION TO HELP THE LOWER CLAMP TO LINE UP WITH KEY BETTER.			
201975	REPAIR OF EQUIPMENT	12/8/2015	42346	\$66.45
	Comments: INTERLOCK ALARM			
	TIGHTENED SET SCREW IN BOTTOM DRIVE SHAFT OT TAKE SLACK OUT WATCHED OPERATION IT RAN SEVERAL SHEETS OK			
202508	AMADA TURRET PUNCH PRESS MO	1/4/2016 12/30/2015 10:51:27 AM	0	\$0.00
202997	AMADA TURRET PUNCH PRESS MO	1/29/2016 1/29/2016	0	\$30.38
203151	REPAIR OF EQUIPMENT	1/4/2016	42373	\$99.68
	Comments: AUTO INDEX ALARM			
	TRIED DRIVING ROLL PIN IN FARTHER IN U JOINT. TRIED TIGHTENING THE ALLEN SET SCREWS IT WOULD TURN A FEW CYCLES THEN STARTED ALARMING AGAIN			
	AFTER LOOKING THE HOLE IN THE SHAFT WAS A LITTLE SMALLER THAN HOLE IN UJOINT DRILLED TO NEXT SIZE AN IT WAS 5/16 DRAWS NEW ROLL PIN IN AND IT WAS RUNNING OK			
203230	REPAIR OF EQUIPMENT	1/7/2016	42376	\$53.96
	Comments: MONTHLY PM			
	PERFORMEDPM			
203296	REPAIR OF EQUIPMENT	1/11/2016	42380	\$70.00
	Comments: WONT RUN THROUGH CYCLE PROBLEM WITH AI			
	ADJUSTED LOWER AI STATION IT WAS PROBABLY OUT OF ADJUSTMENT DUE TO PUTTING A BIGGER ROLL PIN IN SHAFT WE DIDN'T SET ADJUSTMENT AFTER WE DID THIS BECAUSE IT WAS RUNNING NOW THAT WE HAVE SLACK OUT OF LOWER IS PROEPRLY ADJSUTED THAT SHOULD TAKE CARE OF THIS PROBLEM			
203300	REPAIR OF EQUIPMENT	1/11/2016	42380	\$105.00
	Comments: WONT FINISH AUTOMATIC CYCLE			
	LAST ZERO REFERENCE NO ALARMS			
	ZERO REFERENCE, AND RUN CYCLE			
	STOP BY ALARM CODE 1001 INDEX PROBLEM			
	CHECK INDEX TOOL GREASE AND CLEAN			
	SOME SLACK IN LOWER INDEX TOOK BUT NOT FIND ANTYHING WRONG			
	COULD NOT FIX THE PROBLEM, INDEX NOT PREPARE			
203328	REPAIR OF EQUIPMENT	1/13/2016	42382	\$136.45
	Comments: WONT START CYCLE			
	CHECKED DIAGNOSTICS AND FOUND THAT TOP BRAKE WAS SHOWING RELEASE WHILE BOTTOM BRAKE WAS NOT. I FOUND THAT THE TOP A/I WAS SPUN 180 THE ONLY WAY ISEE THIS HAPPENING IS THAT SOMEONE SPUN IT MANUALLY 180 ONCE I PUT PUT BACK AT O THE MACHIE REFERENCED AND RAN SEVERAL CYCLES			
	IT STOPPED SO I CHECKED ADJSUTMENT OF A/I I ADJUSTED THE LOWER A/I BELT TENSION BECAUSE IT HAD BEEN ADJUSTED BY 2ND SHIFT. IT RAN REST OF THE DAY FINE.			

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203334	REPAIR OF EQUIPMENT	1/12/2016	42381	\$265.80	
	Comments: INDEX PIN LOCKED IN POSITION NOT RETRACTING				
	INSPECTED INDEX SYSTEM BOTTOM INDEX MULITTOOL ALIGNMNET WAS OUT OF ADJUSTMENT LOOSEN BOTTOM INDEX AT BELT DRIVE AND TENSION BARALGN INDEX ASSEMBLY (MULTIPLE TIME FOR RE ALIGNMNET) SYSTEM ALIGNED PROPERLY UNTIL MACHINE REFERENCE CAUSING BOTTOM INDEX ASSEMBLY TO MISALIGN BY 1 FROM RETRACTION POINT REALIGNED INDEX ASSEMBLY SEVERAL MORE TIMES BUT CANNOT GET INDEX ASSEMBLY TO STABILIZE.				
203347	REPAIR OF EQUIPMENT	1/14/2016	42383	\$66.45	
	Comments: INDEXTOOL OUT OF ALIGNMENT				
	THE INDEX STATIONS WERE OUT OF ALIGNMNET DUE TO THE UPPER SHAFT BEING TURNED 180 OUT THE DUAY PRIOR I FORGOT TO CHECK ALGINMENT AFTER TURNING SHAFT BACK TOOLING WAS A LITTLEOFF I DID AN ALIGNMENT ON INDEX STATION AND RAN PART MACHINE RAN GOOD				
203368	REPAIR OF EQUIPMENT	1/15/2016	42384	\$199.35	
	Comments: INETLOCK ALARM				
	LOOSENED TENSION ON UPPER BELT TO ALLOW MORE OF A WINDOW FOR TETRACTION RAN SEVERAL CYLCES AND ITRAN GOOD				
203833	REPAIR OF EQUIPMENT	2/4/2016	42404	\$31.45	
	Comments: NEEDS PARTS LIST FOR FRANK TO FIX AUTO INDEX				
	FRANK GIVE ME A PRINT OUT OF WHAT THE KIT IS SUPPOSE TO HAVE IN IT GOT OUR PART AND WENT THROUGH THEM CHECKING OFF WHAT WE HAD OR HOW MANY WE HAVE OF EACH ONE.				
203844	REPAIR OF EQUIPMENT	2/5/2016	42405	\$47.18	
	Comments: CHECKING PARTS LIST FOR AUTO INDEX REBUILD				
	CHECKED OFF EVERYTHING WE HAD MADE A LIST OF WHAT WE DIDN'T HAVE AND GAVE TO JERROD CRAWLEY TO ORDER PUT ALL THE PARTS IN AB BOX AND TAPED ITUP AND PUT N MY TOOL BOX				
204263	AMADA TURRET PUNCH PRESS MO	2/29/2016	2/23/2016	0	\$30.38
204347	REPAIR OF EQUIPMENT	2/18/2016	42418	\$52.50	
	Comments: NEED TO BETTER PROTECT FOOT PEDAL CABLE				
	RAN WIRE IN FLEX FOR FOOT PEDAL				
204482	REPAIR OF EQUIPMENT	2/25/2016	42425	\$15.73	
	Comments: AMADA TURRET WILLNOT ACTIATE WHEN COMMANDED				
	INSPECTED TURRET FOR TOOLING AN DOWN POSITION (OK) SHOTPIN ENGAGED (YES) WOULD NOT DISENGAGE SHUT MACHINE SYSTEM DOWN REBOOT ALLOWED A 3 MIN COOL DOWN SHUTDOWN RENERGIZED RESET SYSTEM TURRET OPERATED NORMALY RETURNED TO PRODUCITON				
204875	AMADA TURRET PUNCH PRESS MO	3/24/2016	3/30/2016	6	\$0.00
205091	REPAIR OF EQUIPMENT	3/1/2016	42430	\$33.23	
	Comments: NEEDED NEW AIR INE FOR CLAMP				
	PUT NEW PUSH LOCK ON AND PUT NEW AIRLINE ON				
205101	REPAIR OF EQUIPMENT	2/29/2016	42429	\$66.45	
	Comments: INTERLOCK ALARM				
	CONNECTION ON UPPER JOINT NEAREAST TO GEAR BOX WAS LOOSE THE ROLL PIN HAS SLACK I TIGHTENED SET SCREW AND REREFERENCED IT RAN THEREST OF THE DAY FINE				

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205158	REPAIR OF EQUIPMENT	3/7/2016	42436	\$150.40	
	Comments: A/I ALARM				
	PIN WAS BROKE IN LOWER DRIVE SHAFT WEREPLACED PIN HADTO GO BACK ANOTHER TIME FOR ANOTHER ALARM. TOOL NOT SELECTED I REREFERNCE AND IT RAN FINE I WATCHED THE OPERATION AND IT RAN FINE I WATCHED SEVERAL SHEETS WITH NO FAULTS				
205420	REPAIR OF EQUIPMENT	3/16/2016	42445	\$110.08	
	Comments: BROKEN BOLTS IN CLAMPS, CAUSES METAL TO MISS CLAMPS REMOVED CLAMPS DRILLED OUT BROKEN SCREWS CHASED THREADS INSTALLED NEW BOTLS PUT CLAMPS BACK ON MACHINE				
205983	AMADA TURRET PUNCH PRESS MO	4/29/2016	5/6/2016	7	\$53.96
206336	REPAIR OF EQUIPMENT	4/15/2016	42475	\$17.50	
	Comments: A/I ALARM				
	OPERATOR SAID THAT THE MACHINE HAD AN AUTO INDEX ALARM BUT HE WAS ABLE TO START IT BACK CHECKED SLACK IN DRIVE CONNECTIONS. EVERYTHING LOOKED GOOD IT WATCHED OPERATION. IT RAN SEVERAL CYCLES WITH NO PROBLEM I DECIDED NOT TO DO ANYTING TO IT UNLESS IT REOCCURS				
206470	REPAIR OF EQUIPMENT	4/22/2016	42482	\$33.23	
	Comments: INTERLOCK ALARM				
	KNOCKED PIN ON DRIVESHAFT TIGHENED SET SCREW				
206559	REPAIR OF EQUIPMENT	4/27/2016	42487	\$23.59	
	Comments: GRIPPER AIR VALVE BROKEN				
	TRIMMED AIR LINE TO MAKE SURE FITTING WAS BROKEN REMVOED PUSH LOCKFITTING REPLACED WITH REGULAR FITTING ON GRIPPER PLACE FLOW CONTROL FROM SUPPLY LINE				
207626	REPAIR OF EQUIPMENT	5/27/2016	42517	\$132.90	
	Comments: OVER HEATING ALARM				
	OPEN SERVO DRIVES CPU CONTROL CABINET COOLING FAN NOT WORKING LEAVE CONTROL CABINET OPEN AND SET UP 12 FAN\ CHECK FANS VOLTAGE 230 VAC OK REPLACE ALL 3 FANS AIR FLOW DIRECTION OK AMADA 002 RUN OK REST OF 2ND SHIFT				
207977	AMADA TURRET PUNCH PRESS MO	6/6/2016	6/14/2016	8	\$30.38
207979	AMADA 002 ANNUAL PM	6/15/2016	6/17/2016 8:03:01 AM	2	\$161.04
208365	REPAIR OF EQUIPMENT	6/10/2016	42531	\$66.45	
	Comments: INTERLOCK ALARM				
	ROLL PIN BROKE IN TO ON AUTO LOADER SHAFT DROVE OLD PIN OUT AND REPLACED WITH NEW\ HAD TOBREAKE COUPLINGS LOOSE AND REALIGN INDEX				
208378	REPAIR OF EQUIPMENT	6/9/2016	42530	\$33.23	
	Comments: INDEX PIN ALARM				
	TIGHTENED JOINT UP ON LOWER DRIVE SHAFT NEXT TO GEAR BOX				
208429	REPAIR OF EQUIPMENT	6/15/2016	42536	\$93.18	
	Comments: AUTO INDEX WAS OUT OF ALIGN				
	ALIGNED THEM BACK UP RUN ANOTHER CYCLE AND IT GOT ALL OUT OF ALIGNMENT HAD TO ADJSUT TENSION ON TIMING BELT RAN OK				

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208732	REPAIR OF EQUIPMENT	6/28/2016	42549	\$141.53
	Comments: FINISH PRODUCT IS NOT BEING PUNCH OUT SQUARE SEEMED LIKE THE SHEET OF MATERIAL IS NOT IN CLAMPS SQUARE PUT A NEW BOTTOM ASSEMBLY ON THE OTHER CLAMP HAD JUST REPLACED IN OTHER ASSEMBLY LAST WEEK HAD BOTH TEMPS WITH NEW BOTTOM ASSEMBLIES PART WAS COMING OUT SQUARE NEW THEY KEEP HAVING PROGRAM ISSUES THAT I WAS TRYING TO HELP THEM FIGURE OUT SINCE BILLY CARTER ISN'T HERE THIS WEEK.			
209118	AMADA TURRET PUNCH PRESS MO	7/14/2016 7/13/2016 8:18:20 AM	0	\$60.75
209249	REPAIR OF EQUIPMENT	6/30/2016	42551	\$0.00
	Comments: STOPPING AFTER USING C AXIS ADJUSTED C AXIS			
209252	REPAIR OF EQUIPMENT	7/1/2016	42552	\$0.00
	Comments: STOPPED DURING CYCLE ROLL PIN CAME OUT OF C AXIS JOINT AND SET SCREW WAS LOOSE			
209261	REPAIR OF EQUIPMENT	6/30/2016	42551	\$132.90
	Comments: WONT CYCLE ADJUSTED LOWER INDEX TO MATCH TOP LOOSE END TENSION ON BOTTOM SENSOR IT RAN FINE			
209271	REPAIR OF EQUIPMENT	6/29/2016	42550	\$302.00
	Comments: WHEN TURRET GETS TO CENTER SPOT IN PROGRAM IT STOPS ON THE EAST SIDE OF MACHINE FOUND BASE SET SCREW AND PIN IN UNIVERSAL JOINT OF CAPRIS CAUSING IT TO HAVE PLAY IN IT ON NOT LETTING PIN LINE UP CORRECT. FIXED THAT AFTER TRED OLT RUN MACHINE AGAIN WE NOTICED THAT WHEN IT GETS TO THE SPOT TO USE THE CAPRIS AFTER CAPRIS IS FINISHED THE CYLINDERS GO BACK TO THE COME BACK OUT THEN GO BACK AGAIN CAUSING THE MACHINE TO TIME OUT BEFORE TURRET GET MOVING CHECK SWITCH ON THE LOCKING PIN CYLINDERS AND THE C AXIS CYLINDERS COULD NOT FIND ROOT CAUSE STILL IN SAME CONDITION.			
209279	REPAIR OF EQUIPMENT	7/5/2016	42556	\$99.68
	Comments: STOPPING IN THE MIDDLE OF CYCLE BOTTOM A/I WAS OUT OF LINE WITH THE TOP BROKE TIMING PULLEY LOOSE AND GOT IT LINED BACK UP TRIED TO RUN ANOTHER CYCLE BUT STOPPED AGAIN FOUND THE ROLL PIN BROKE AGAIN REPLACED ROLL PIN RAN ABOUT 3 CYCLES AND IT RAN THEM ALL OK			
209344	REPAIR OF EQUIPMENT	7/7/2016	42558	\$0.00
	Comments: NEW BANNER SAFETY SENSORS NEEDS TO BE WIRED IN AND WORKING STARTED WORKING ON WIRE BANNER SENSOR AND SAFETY RELAY			
209361	REPAIR OF EQUIPMENT	7/8/2016	42559	\$0.00
	Comments: BANNER SAFETY NEED TO BE WHAT IN AN WORKING GOT SAFETY SCANNER AND SAFETY RELAY WIRED IN AND MOUNTED INSIDE CABINET			
209397	REPAIR OF EQUIPMENT	7/11/2016	42562	\$0.00
	Comments: WORKED ON GETTING SAFETY SCANNER WORKING WITH SAFETY RELAY			
210094	AMADA TURRET PUNCH PRESS MO	8/12/2016 8/12/2016	0	\$60.75

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210214	REPAIR OF EQUIPMENT		7/27/2016	42578	\$62.90
	Comments:	NEED DRIVE SHAFTS REPLACED FROM GEARBOX TO THE DRIVE UNIT THE REASON IS WE HAVE PROBLEMS SOMETIMES WITH SLACK IN JOINTS THERE ALREADY BEEN DRILL BEYOND THE NORMAL SIZE WE ALSO HAVE ALL PINS BREAK OFTEN DUE TO SLACK ASSISTED AMADA TECH WE SHOWED HIM WHAT WE WANTED HE DID NOT WANT TO START ON IT NOW HE FOUND A LITTLE SLACK IN ALT BRAKE MOST LIKELY IT IS DUE FROM METAL SCRAP I LEFT HIM HE WAS BEGINNING TO REMOVE TOOLS SO HE COULD CLEAN SCRAP FROM BRAKE HE TRIED TO TELL US NOT TO REPLACE SHAFTS HE SAID THERE IS NO SLACK I TOLD HIM THAT WE KNOW THERE ISN'T ANY RIGHT NOW BECAUSE IT RUNNING WE TOLD HIM WHAT WE WANTED BUT HE LEFT WITHOUT DOING IT I GUESS HE'S PLANNING ON COMING BACK LATER			
211247	AMADA TURRET PUNCH PRESS MO	9/12/2016	9/13/2016	1	\$60.75
212382	AMADA TURRET PUNCH PRESS MO	10/13/2016	10/19/2016 7:35:56 AM	6	\$60.75
213283	AMADA TURRET PUNCH PRESS MO	11/18/2016	11/22/2016	4	\$91.13
213479	REPAIR OF EQUIPMENT		11/3/2016	42677	\$0.00
	Comments:	Y AXIS MAKING NOISE WHEN MOVING TOOK COVERS OFF MOTOR FOUND THAT ON THE MOTOR SHAFT THERE WAS METAL PLATES THAT ARE THERE FOR COOLING PURPOSES ONE OF THE PLATES CAME LOSE FROM THE SHAFT NO WAY TO GET OFF WITHOUT TAKING APART DON'T SEE IT BEING A ISSUE			
214198	AMADA TURRET PUNCH PRESS MO	12/22/2016	12/30/2016 9:58:10 AM	8	\$60.75
215094	AMADA TURRET PUNCH PRESS MO	1/30/2017	1/19/2017	0	\$60.75
215864	AMADA TURRET PUNCH PRESS MO	2/20/2017	3/31/2017 7:52:40 AM	39	\$30.38
218289	AMADA TURRET PUNCH PRESS MO	5/1/2017	7/28/2017 7:55:27 AM	88	\$60.75
219148	AMADA 002 ANNUAL PM	6/19/2017	1/3/2018 8:55:39 AM	198	\$0.00
219439	REPAIR OF EQUIPMENT		6/13/2017	42899	\$17.50
	Comments:	EMERGENCY RESET ALARM FOUND A TRIP BREAKER AND RESET			
219482	REPAIR OF EQUIPMENT		6/17/2017	42903	\$309.68
	Comments:	LOWER A/I DRIVE SHAFT BROKE GOT OLD SHAFT OUT AND PUT NEW SHAFT IN PUT DRIVE UNIT BACK IN AND LINED UP DRILLED AND PINED POINT SHAFT ONCE EVERYTHING WAS PROPERLY ALIGNED REMOVED 5 STATION ON LOWER TURRET IN ORDER TO REMOVE BRAKE CLEANED BRAKE AND DEBRIS FROM LOWER TURRET			
219493	REPAIR OF EQUIPMENT		6/16/2017	42902	\$33.23
	Comments:	LOWER A/I DRIVE SHAFT BROKE DETERMINED THAT THE SHAFT BROKE DUE TO THE BRAKE NOT HOLDING SCORRECT			

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219563	REPAIR OF EQUIPMENT	6/19/2017	42905	\$192.50	
	Comments: FINSIHING UP ON DRIVE SHAFT INSTALLATION				
	REINSTALLED THE BRAKE ALIGNED INDEX STATIONS I ALIGNED 4 OF THE TOOL STATIONS THAT I TOOK OUT I TESTED OPERATION OF AUTOINDEX IT WORKED GOOD				
219642	REPAIR OF EQUIPMENT	6/20/2017	42906	\$140.00	
	Comments: FINSIHING DRIVE SHAFT INSTALL				
	ALIGNED TO LAST 2 TOOLS I PUT PLATE BACK ON THE TURRET AND LWOER COVER I ALSO HAD TO PUT NEW BOLTS IN ONE OF THE PART CLMAPS I WATCHED SEVERAL CYCLES AD IT RAN SMOOTH				
220099	REPAIR OF EQUIPMENT	6/26/2017	42912	\$153.95	
	Comments: LUBRICATION LIGHT ON				
	TRIED TO GET LIGHT OFF BY ENERGIZING THE PUMP BUT IT KEP COMING BACK ON I CHECKED THE LIMIT SWTICH ON DISTRUBUTION BLOCK AND IT WASWORKING CORRECLTY I BROKE THE LINES LOOSEOF OF THE DISTRIBUTION BLOCK AND RAN PUMP I FINALLY GOT THE PUMP PRIME I PUTINE BACK ON FOR IT CLDED ANDLGHT HEAT OFF				
220726	AMADA TURRET PUNCH PRESS MO	8/28/2017	9/23/2017	26	\$91.13
221845	REPAIR OF EQUIPMENT	9/15/2017	42993	\$15.73	
	Comments: LIGHT CURTAIN NOT FUNCTIONING				
	AHERE TO LOCK OUT PRCEURES ACCORDING TO MANAGEMENT				
221857	REPAIR OF EQUIPMENT	9/16/2017	42994	\$498.38	
	Comments: REMOVE LIGHT CURTAIN THAT IS NOT OPERATING PREOPRLY REPALCE WITH ONE OPERATIONAL				
	REMOVED BANNER PERIMETER LIGHT CURTAIN REPLACED WITH BANNER TRANSMITTER RECEIVES LIGHT CURTAIN SOURCE WIRED SYSTEM INTO MAIN PANEL MADE MODIFICATIONS WHRE NEEDED TO MAKE THIS SAFETY SYSTEM OPERATIONAL CONTROL APNEL LOCATED BANNER LIGHT CURTAIN CONTROL PANEL TOREPLACE OLD ONE				
221931	REPAIR OF EQUIPMENT	9/21/2017	42999	\$350.00	
	Comments: NEED NEW WORK INSTRUCTIONS				
	HELPD ALAN WITH COMPLETION OF INSTRUCTIONS				
221960	REPAIR OF EQUIPMENT	9/20/2017	42998	\$17.50	
	Comments: LIGHT CURTAIN MISALIGNED				
	ALIGNED LGIHT CURTAIN THEMOUNTING BOLTS WERE A LITTLE BIT LOOSE SO I TIGHTENED THEM				
221997	REPAIR OF EQUIPMENT	9/18/2017	42996	\$201.13	
	Comments: FINSIH WITH LIGHT CURTAIN ON AMADA				
	AFTER MOUNTING A DIFFERENT BANNER CONTROL BOX HAD TO ALIGN LIGHT CURTAIN TRANSMITTER AND RECEIVER AFTER GETTING ALIGNED DOUBLE CHECK CURTAIN SYSTEM TO ENSURE IT WAS OPERATIN PROPERLY DOUBLE CHECKED OVERRIDE PUSHBUTTON WHICH WE MOVED FROM ORIGINAL POSTION INPUT SHOWING SYSTEM FUNCTIONAL CORRECTLY REMVOED START CONTROL BUTTON FROM THE TOOL STATION TO PREVENT MACHINE BEING PUT INTO OPERATIONAL MODE WHILE PERSONAL COULD BE PRESENT				
221999	REPAIR OF EQUIPMENT	9/26/2017	43004	\$140.00	
	Comments: ADD INTERLOCK SWITCH, GUARD REAR DOOR				
	MOUNT INTERLOCK SWITCH AND KEY				
	RUN FLEX CONDUIT, PULL WIRE				
	TIE DOOR INTERLOCK NC SWITCH TO ESTOP CIRCUIT				
	CHECK OEPRATION OK				

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222012	ABSENTEEISM REPORT & PAPER W	9/26/2017	43004	\$35.00
	Comments: NEED WORK INSTRUCTIONS			
	GOT MROEPicture AND GAVE TO ALAN GOT SAFETY SWITCH AND KEY BUT DIDN'T HAVE TIME TO MOUNT I PASSED ON TO JOSE			
222023	REPAIR OF EQUIPMENT	9/25/2017	43003	\$17.50
	Comments: NEEDS WORK INSTRUCTIONS			
	GOT ANOTHER PICTURE AND GOT WITH ALAN ABOUT CHANGING THE WORK INSTRUCTIONS			
222326	AMADA TURRET PUNCH PRESS MO	10/23/2017 10/30/2017 11:13:14 AM	7	\$60.75
222445	REPAIR OF EQUIPMENT	9/29/2017	43007	\$0.00
	Comments: Y AXIS GEARBOX OIL LOW LEVEL			
	FILLED WITH OIL TO APPROPRIATE LEVEL			
222466	REPAIR OF EQUIPMENT	9/30/2017	43008	\$31.45
	Comments: SAFETY FIRST CUTIAN NOT MAKIG			
	SAFETY CTAIN AWES OT			
223256	AMADA TURRET PUNCH PRESS MO	11/29/2017 11/16/2017 11:16:37 AM	0	\$60.75
223710	REPAIR OF EQUIPMENT	11/17/2017 11:29:24 AM	43056	\$70.00
	Comments: - LUBRICATION ALARM AIR LEAK			
	- ADDED GREASE			
	- WORKED ON AIR REGULATOR TO FIX LEAK BUT COULDN'T FIX THE LEAK			
	- I NEED TO FOLLOW UP AND REPLACE THE WHOLE REGULATOR			
223779	AMADA TURRET PUNCH PRESS MO	11/29/2017 11/29/2017	0	\$40.50
224394	REPAIR OF EQUIPMENT	12/19/2017	43088	\$82.38
	Comments: inspected index, lower and upper both looked (OK) checked prop switches all were tighten, cylinders were (tight) prop switch on top was to close to switch- hit switch causing alarm to appear adjusted sensor alarm cleared system (operational)			
224514	REPAIR OF EQUIPMENT	12/28/2017	43097	\$17.50
	Comments: I changed the FRL			
224880	AMADA TURRET PUNCH PRESS MO	12/29/2017 12/29/2017	0	\$40.50
225364	AMADA TURRET PUNCH PRESS MO	1/29/2018 3/1/2018	31	\$40.50
226440	REPAIR OF EQUIPMENT	3/5/2018	43164	\$99.68
	Comments: Lubrication alarm.			
	Filled the grease resevoir and glued it.			
226459	REPAIR OF EQUIPMENT	3/7/2018	43166	\$68.23
	Comments: Metal got hung up on a tool.			
	Got the metal out, straightend the guard out. I watched operation and it was OK.			
226884	AMADA TURRET PUNCH PRESS MO	4/2/2018 4/25/2018	23	\$40.50
227155	REPAIR OF EQUIPMENT	4/10/2018	43200	\$52.50
	Comments: Keeps giving a sensor 403 alarm.			
	Checked for loose connections and cables. I checked for binding. I couldn't find any bindings. I determined that it was the auto index causing the alarm. I greased the auto-index bearings and it ran good.			

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227175	REPAIR OF EQUIPMENT		4/13/2018	43203	\$23.59
	Comments:	Index system error. Checked index for losseners, misalignment. Greased each index tool with EP2 grease. Reset system to allow index system to initiate rotation of tooling (OK). Servo 403 alarm, is still being researched.			
227205	REPAIR OF EQUIPMENT		4/16/2018	43206	\$332.25
	Comments:	403 error code, index not homing properly. Removed lower tooling to access the index tooling housing, inspected for (debris) broken gears, bearings, greased again, tested. System error did not clear. Called amada and tamic support personel. Follow support instructions to help locate and solve error issue. Removed motor housing, brushes, cleaned (brushes receiver) with contact cleaner and replaced brushes. Removed motor power connectors, cleaned male and female plugs, and receiver with contact cleaner. Reconnected system, tested system (OK). Replaced lower tooling for production.			
227208	REPAIR OF EQUIPMENT		4/16/2018	43206	\$87.50
	Comments:	Assist day shift. Clean up tool station, use alignment tool on it. Replace stripped bolt, tighten up all bolts at that station.			
227218	REPAIR OF EQUIPMENT		4/17/2018	43207	\$7.86
	Comments:	Tooling on turret. Did final inspection on lower turret tooling, (ok). Turned over to production.			
227587	AMADA TURRET PUNCH PRESS MO	5/25/2018	6/12/2018	18	\$40.50
227699	REPAIR OF EQUIPMENT		4/30/2018	43220	\$17.50
	Comments:	Need board hung. Mounted a board for tooling list.			
228666	AMADA TURRET PUNCH PRESS MO	7/12/2018	8/3/2018 8:26:01 AM	22	\$40.50
228855	REPAIR OF EQUIPMENT		7/6/2018	43287	\$105.00
	Comments:	Wont cycle.			
		After troubleshooting I found that the striker cyclinder was broke loose from the stacker. I took it to the tool room and they drilled and tapped the end of the cylinder and put a shoulder bolt in. I still need to put the striker assembly back in.			
228863	REPAIR OF EQUIPMENT		7/7/2018	43288	\$52.50
	Comments:	Need to re install the stricker assembly.			
		re installed striker assembly and tested.			
228878	REPAIR OF EQUIPMENT		7/9/2018	43290	\$35.00
	Comments:	Clamps have loose plates on the bottom of each of them.			
		Removed broke bolts and replaced.			

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229740	REPAIR OF EQUIPMENT	8/31/2018 11:11:23 AM	43343	\$52.50
	Comments: Clean up area where Amada 001, 028, 036 used to be.			
	Pick up oil mats, oil dry/ absorbing.			
229746	REPAIR OF EQUIPMENT	8/29/2018	43341	\$66.45
	Comments: Amada 14 prepare for moving.			
	Reconnect control system panel to machine. Place and secure guarding onto pallet for shipment.			
229780	AMADA TURRET PUNCH PRESS MO	9/3/2018 10/10/2018 10:29:08 PM	37	\$40.50
230011	REPAIR OF EQUIPMENT	9/5/2018	43348	\$113.63
	Comments: Punch press would not conference.			
	rebooted machine.			
230677	REPAIR OF EQUIPMENT	9/28/2018 7:40:14 AM	43371	\$35.00
	Comments: 403 servo alarm			
230966	AMADA TURRET PUNCH PRESS MO	11/9/2018 12/6/2018 8:29:56 AM	27	\$40.50
231272	REPAIR OF EQUIPMENT	11/7/2018 9:56:01 AM	43411	\$52.50
	Comments: X-Y axis wont retract			
231284	REPAIR OF EQUIPMENT	11/14/2018 3:22:40 AM	43418	\$52.50
	Comments: Work Clamp won't open.			
231435	AMADA TURRET PUNCH PRESS MO	12/27/2018 1/2/2019 9:47:10 PM	6	\$40.50
231745	REPAIR OF EQUIPMENT	12/4/2018 3:09:39 AM	43438	\$315.00
	Comments: Index pin out indicator light on all the time. Alarms code 441 and 1000 active. C axis won't zero reference.			
231763	REPAIR OF EQUIPMENT	12/5/2018 10:15:38 PM	43439	\$70.00
	Comments: Assist day shift with Amada 002, C-axis won't reference.			
231772	REPAIR OF EQUIPMENT	12/7/2018 8:15:35 PM	43441	\$96.25
	Comments: Assist day shift with Amada 002, C-axis won't reference, 441 alarm.			
231779	REPAIR OF EQUIPMENT	12/3/2018 7:37:08 AM	43437	\$62.90
	Comments: system not homing at C-axis			
231782	REPAIR OF EQUIPMENT	12/4/2018 7:50:22 AM	43438	\$125.80
	Comments: C-axis not homing			
231789	REPAIR OF EQUIPMENT	12/5/2018 8:24:15 AM	43439	\$275.19
	Comments: C-axis out of alignment			
231794	REPAIR OF EQUIPMENT	12/7/2018 11:27:38 AM	43441	\$204.43
	Comments: C-axis repair			

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231810	REPAIR OF EQUIPMENT		12/11/2018 1:13:54 AM	43445	\$40.50
	Comments:	needed punch for another machine, started up to locate and remove punch			
231832	REPAIR OF EQUIPMENT		12/12/2018 5:48:47 AM	43446	\$172.98
	Comments:	replace and align tooling			
231835	REPAIR OF EQUIPMENT		12/13/2018 8:31:11 AM	43447	\$31.45
	Comments:	Lower Tool Damaged			
231836	REPAIR OF EQUIPMENT		12/13/2018 8:34:42 AM	43447	\$23.59
	Comments:	check grippers for mis-alignment			
231940	AMADA 002 ANNUAL PM	1/3/2019	1/18/2019 8:42:41 AM	15	\$0.00
232234	REPAIR OF EQUIPMENT		1/3/2019 10:16:46 PM	43468	\$105.00
	Comments:	Assist day shift with Amada 002, index lock pin won't retract.			
232260	REPAIR OF EQUIPMENT		1/2/2019 8:33:21 AM	43467	\$15.73
	Comments:	C-axis not cycling			
232261	REPAIR OF EQUIPMENT		1/3/2019 8:42:34 AM	43468	\$172.98
	Comments:	Machine Locked out from 2nd Shift			
232315	REPAIR OF EQUIPMENT		1/10/2019 11:35:48 AM	43475	\$15.73
	Comments:	Lubrication alarm			
232480	AMADA TURRET PUNCH PRESS MO	2/1/2019	2/6/2019 2:41:16 AM	5	\$40.50
232961	AMADA TURRET PUNCH PRESS MO	3/8/2019	4/9/2019 2:15:56 AM	32	\$40.50
234004	AMADA TURRET PUNCH PRESS MO	5/9/2019	6/27/2019 4:09:32 PM	49	\$35.00
235239	AMADA TURRET PUNCH PRESS MO	8/26/2019	9/16/2019 7:48:47 AM	21	\$40.50
235585	REPAIR OF EQUIPMENT		8/22/2019 4:52:04 PM	43699	\$20.25
	Comments:	oil all over table			
		determined that most, if not all the oil is from grease that has seperated			
235863	REPAIR OF EQUIPMENT		9/19/2019 11:17:05 AM	43727	\$106.95
	Comments:	noise coming from south end of machine			
		found gearbox low oil, filled same			
		found oil cooler stopped up, cleaned same			
		found reservoir low oil, filled same			
235864	REPAIR OF EQUIPMENT		9/19/2019 11:32:34 AM	43727	\$151.00
	Comments:	pump motor shut down			
		found shorted winding on pump motor, unbolted motor, unwired motor, drained oil from tank			
236159	REPAIR OF EQUIPMENT		10/2/2019 12:57:24 PM	43740	\$106.95
	Comments:	put oil into reservoir			
		filled service cart, used cart to fill reservoir			

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236171	REPAIR OF EQUIPMENT		10/8/2019 2:17:44 PM	43746	\$81.00
	Comments: lube fault				
	found lube pump had lost prime, primed pump, also hand lubed pump and turret, fault reset				
236208	REPAIR OF EQUIPMENT		10/17/2019 2:02:19 PM	43755	\$1,198.75
	Comments: Loud noise from machine. Cycle stopped, it won't restart.				
236253	REPAIR OF EQUIPMENT		10/23/2019 8:54:23 AM	43761	\$140.00
	Comments: Safety inspection, preventive/ corrective maintenance.				
236257	REPAIR OF EQUIPMENT		10/23/2019 10:27:48 AM	43761	\$70.00
	Comments: Cycle stopped, tool may be stuck, top dead center off.				
236304	AMADA TURRET PUNCH PRESS MO	11/18/2019	12/2/2019 9:29:09 AM	14	\$40.50
236562	REPAIR OF EQUIPMENT		11/14/2019 8:10:29 AM	43783	\$250.50
	Comments: alarm 400, servo overload				
	reset overload on t axis servo drive removed scrap from around turret drive train found bolt that backed out on bottom of turret, tightened bolt				
236931	REPAIR OF EQUIPMENT		12/3/2019 7:23:47 AM	43802	\$210.00
	Comments: T-axis OL alarm. Turret won't turn.				
236994	AMADA 002 ANNUAL PM	1/20/2020	2/10/2020 3:24:04 PM	21	\$0.00
237286	AMADA TURRET PUNCH PRESS MO	2/3/2020	3/10/2020 6:38:29 AM	36	\$40.50
237586	REPAIR OF EQUIPMENT		3/6/2020 1:39:09 PM	43896	\$162.00
	Comments: weekly lubrication				
	performed weekly lube				
238340	AMADA TURRET PUNCH PRESS MO	5/11/2020	5/27/2020 9:33:21 AM	16	\$40.50
239052	AMADA TURRET PUNCH PRESS MO	7/27/2020	7/29/2020 2:58:24 PM	2	\$40.50
239265	REPAIR OF EQUIPMENT		6/23/2020 7:07:29 AM	44005	\$188.70
	Comments: Turret not referencing				
239300	REPAIR OF EQUIPMENT		7/15/2020 7:02:32 AM	44027	\$157.25
	Comments: Lower Index Drive Unit				
239301	REPAIR OF EQUIPMENT		7/16/2020 7:06:29 AM	44028	\$220.15
	Comments: Install Drive Unit				
239303	REPAIR OF EQUIPMENT		7/17/2020 7:11:47 AM	44029	\$204.43
	Comments: Troubleshoot alarm's				
239304	REPAIR OF EQUIPMENT		7/20/2020 6:47:53 AM	44032	\$314.50
	Comments: Troubleshoot system				
239305	REPAIR OF EQUIPMENT		7/21/2020 6:51:55 AM	44033	\$157.25
	Comments: Troubleshoot System				
239656	AMADA TURRET PUNCH PRESS MO	9/28/2020	9/29/2020 4:11:17 PM	1	\$40.50
240277	AMADA TURRET PUNCH PRESS MO	11/30/2020	12/1/2020 7:27:39 AM	1	\$40.50
241055	AMADA TURRET PUNCH PRESS MO	2/1/2021	2/10/2021 12:01:05 PM	9	\$40.50

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241056	AMADA 002 ANNUAL PM	2/9/2021	2/10/2021 12:01:22 PM	1	\$0.00
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Totals For:	AMADA 002	Total WOs: 310	Total Cost:	\$36,161.23
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Report Totals:	Total Assets:	1	\$36,161.23
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Selection SQL: Asset.ID Like "AMADA 002*"