

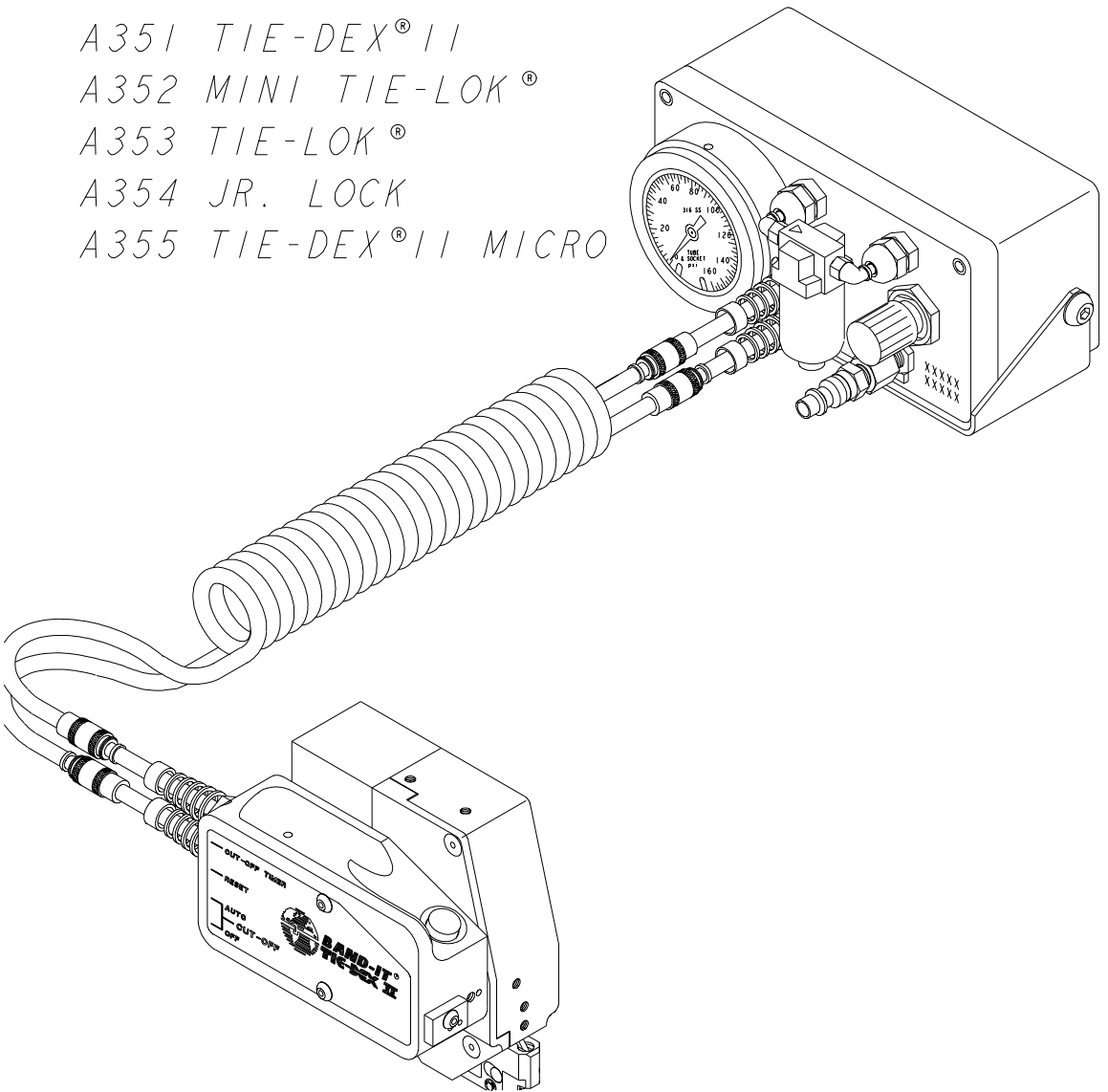


BAND-IT[®]
THE CLAMPING EXPERTS



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OPERATORS MANUAL
PNEUMATIC TOOLS
A350 ULTRA-LOK[®]
A351 TIE-DEX[®] II
A352 MINI TIE-LOK[®]
A353 TIE-LOK[®]
A354 JR. LOCK
A355 TIE-DEX[®] II MICRO



NOTE: APPEARANCE OF TOOLS / COMPONENTS MAY VARY FROM ILLUSTRATION, DEPENDING ON TOOL MODEL.

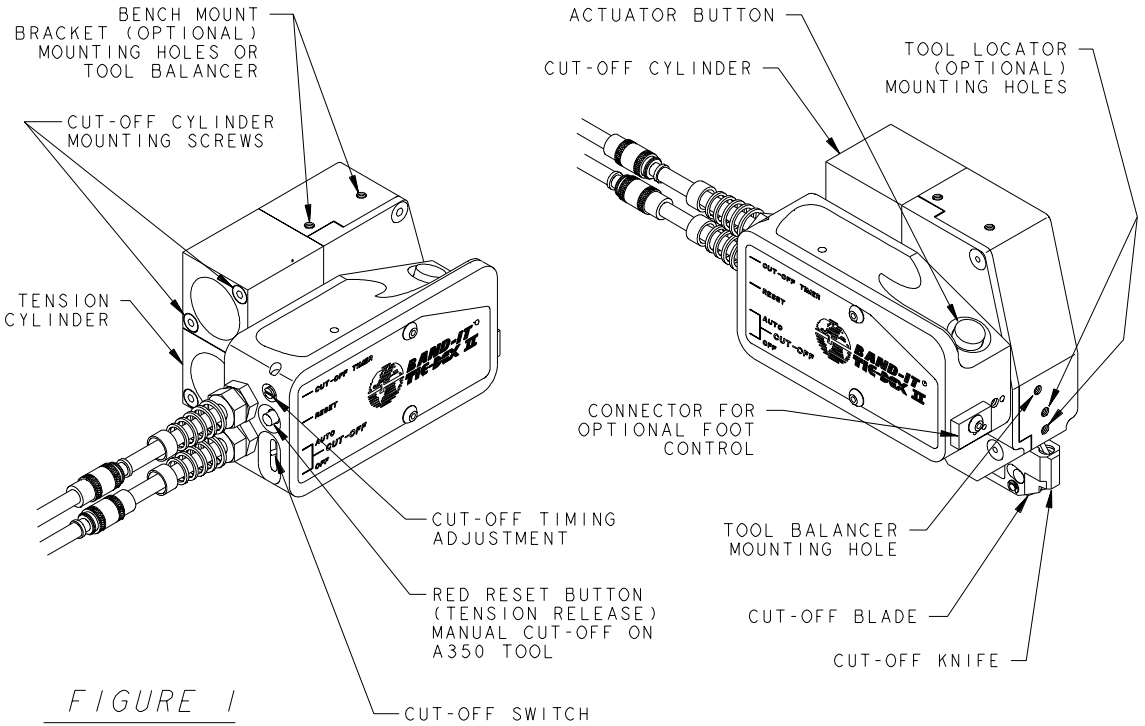
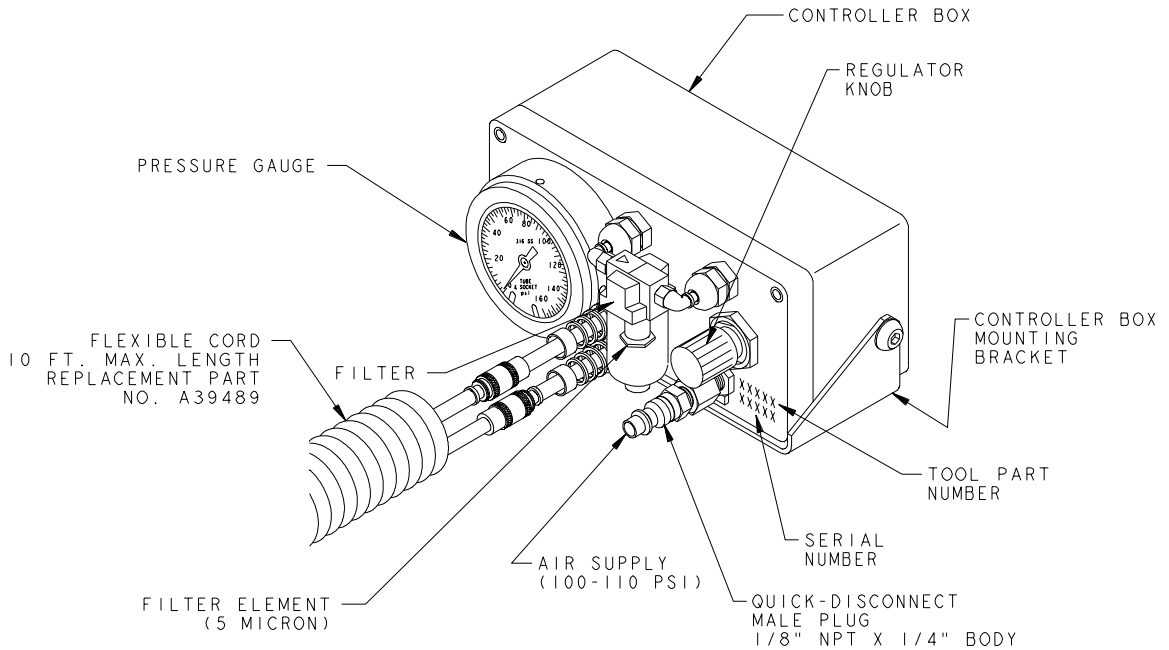
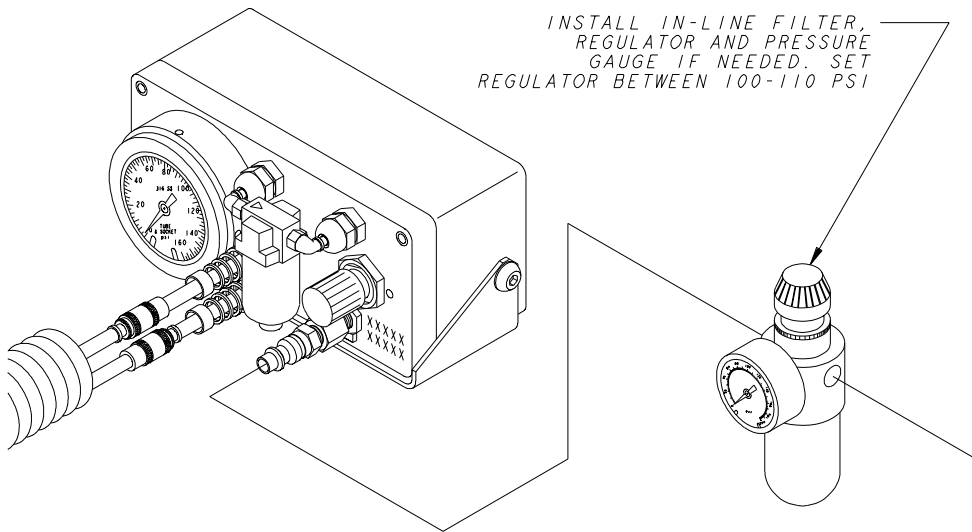


FIGURE 1

INITIAL TOOL SET-UP: ALL TOOL MODELS

ALL TIE-DEX II PNEUMATIC TOOLS OPERATE ON COMPRESSED AIR. CONNECT AIR SUPPLY TO CONTROLLER BOX USING A QUICK-DISCONNECT SOCKET 1/4" BODY. THIS CONNECTION IS RECOMMENDED SO TOOL CAN BE MOVED TO ANOTHER LOCATION OR DISCONNECTED FROM AIR SUPPLY WHEN NOT IN USE. SUPPLY PRESSURE TO CONTROLLER BOX MUST BE BETWEEN 100-110 PSI. HIGHER PRESSURE COULD DAMAGE INTERNAL COMPONENTS. LOWER PRESSURE SLOWS TOOL DOWN AND MAKES CUTTING OF BAND UNCERTAIN. A 40 MICRON PRE-FILTERING IS RECOMMENDED ON CONTAMINATED SUPPLY LINES. AN AIR DRYER IS RECOMMENDED ON SUPPLY LINES WITH WATER ACCUMULATION PROBLEMS. NO LUBRICATOR IS USED ON THE TOOL. INTRODUCING OIL TO AIR SYSTEM WILL DO MORE HARM THAN GOOD.



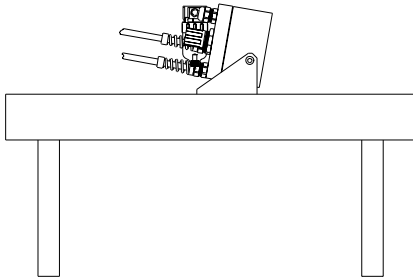
ALL TOOLS ARE FACTORY SET FOR NOMINAL CLAMPING CONDITIONS. TENSION CAN BE ALTERED BY ADJUSTING PRESSURE ON CONTROLLER BOX. IF UNCERTAIN ABOUT WHAT TENSION TO USE, TESTS MUST BE MADE AT DIFFERENT TENSION SETTINGS. IF PROPER SQUEEZING OF CLAMP CAN BE VISUALLY VERIFIED, SET UP TOOL BY THE FOLLOWING INSTRUCTIONS: LOWER TENSION BY TURNING REGULATOR COUNTER-CLOCKWISE. TURN CUT-OFF SWITCH TO "OFF" POSITION. PRESS AND HOLD DOWN ACTUATOR BUTTON, INSTALL CLAMP ON OBJECT AND SLOWLY TURN REGULATOR CLOCKWISE UNTIL SQUEEZE OF CLAMP ON OBJECT IS SATISFACTORY. TURN CUT-OFF SWITCH BACK TO "AUTO" POSITION TO COMPLETE CLAMP. TEST ASSEMBLY TO SEE IF CLAMP FULFILLS ITS PURPOSE. MAKE A NOTE OF THE PRESSURE REGULATOR READING FOR FUTURE REFERENCE. SEE MAXIMUM PRESSURE SETTINGS FOR INDIVIDUAL TOOL MODELS, MAKE SURE TENSION SETTING IS STILL WITHIN RANGE FOR THE CLAMP TYPE.

CAUTION: UNDERTENSIONED CLAMPS RESULT IN LOOSE ASSEMBLIES. EXCESSIVE TENSION MAY DAMAGE CLAMP OR OBJECT. UNSAFE CLAMPS MAY CAUSE INJURIES OR PROPERTY DAMAGE.

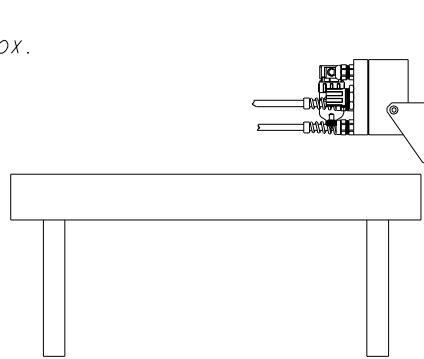
CONTROLLER BOX MOUNTING: ALL TOOL MODELS

IN A PERMANENT INSTALLATION, CONTROLLER BOX SHOULD BE BOLTED TO A FLAT SURFACE TO ALLOW FLEXIBLE CORD TO BE STRETCHED WITHOUT DRAGGING CONTROLLER BOX. MOUNTING BRACKET CAN BE ROTATED ON CONTROLLER BOX TO ALLOW A VARIETY OF DIFFERENT MOUNTING POSITIONS. KEEP FILTER VERTICAL TO MAXIMIZE THE WATER AND CONTAMINANT CAPACITY.

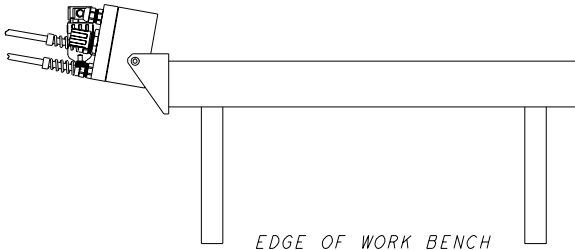
SOME POSSIBLE WAYS TO MOUNT CONTROLLER BOX.



BOLTED TO WORK BENCH TOP

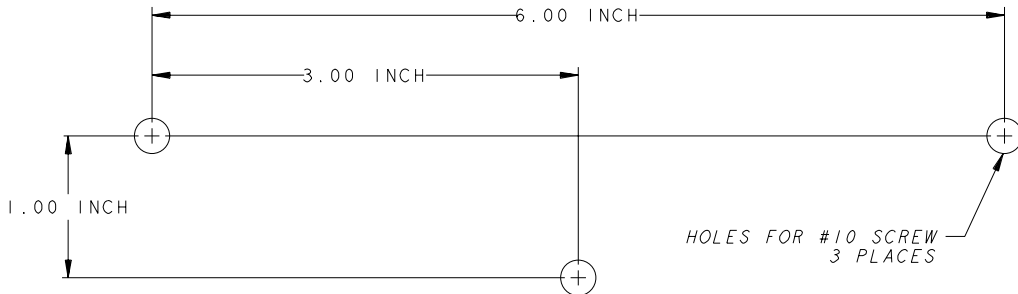


WALL MOUNT BEHIND WORK BENCH



EDGE OF WORK BENCH

MOUNTING HOLE PATTERN FOR CONTROLLER BOX BRACKET



IMPORTANT NOTES: ALL TOOL MODELS

- IMPROPERLY TIGHTENED CLAMPS MAY RESULT IN DANGEROUS ASSEMBLIES WHICH COULD CAUSE INJURIES OR PROPERTY DAMAGE.
- NEVER USE POWER TOOLS OR CLAMPS FOR ANYTHING OTHER THAN THEIR INTENDED PURPOSE. IF IN DOUBT, CONSULT FACTORY.
- KEEP HANDS AWAY FROM CLAMPS BEING TENSIONED.
- ALWAYS WEAR SAFETY GLASSES WHEN OPERATING POWER TOOL.
- DO NOT USE POWER TOOLS TO SUPPORT HEAVY OBJECTS WHEN INSTALLING CLAMPS.
- DO NOT TWIST OR FORCE TOOL OR OBJECT IN ANY DIRECTION WHILE INSTALLING CLAMPS.
- ALWAYS INSTALL CLAMPS PERPENDICULAR TO THE AXIS OF THE OBJECT BEING CLAMPED. WHEN CLAMPING IRREGULAR OBJECTS, CHOOSE A LOCATION FOR THE BUCKLE WHERE IT'S WELL SUPPORTED ON THE BOTTOM. WHERE SIDE LOADS (PARALLEL TO THE AXIS) ARE OF CONCERN, A PROPERLY SIZED GROOVE MUST BE PROVIDED FOR THE BAND TO NEST IN.

DIAGRAM BELOW SHOWS APPROX. TENSION PRODUCED BY THE TOOL AT A GIVEN PRESSURE SETTING.

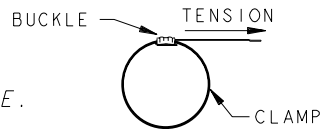
TO CALCULATE APPROX. TENSION, MULTIPLY PRESSURE GAUGE READING BY 3.5

TO VERIFY ACTUAL CLAMP TENSION, FOLLOW INSTRUCTIONS OUTLINED IN APPROPRIATE SECTION OF MANUAL.

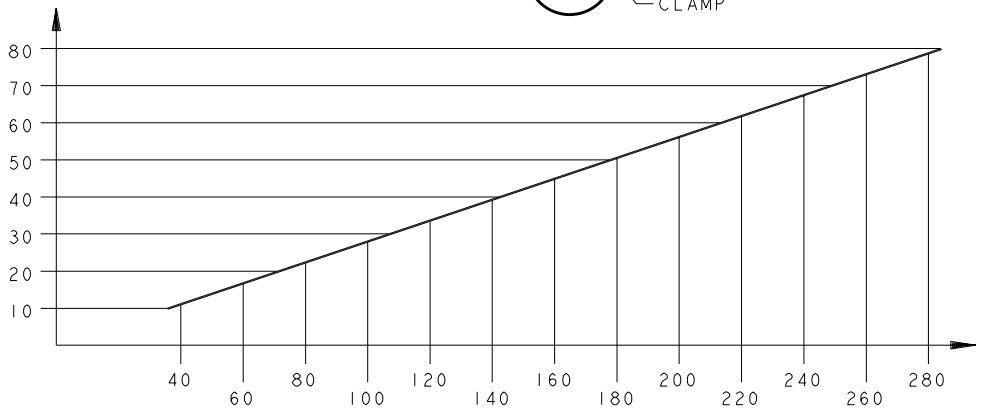
ACTUAL CLAMPING FORCE PRODUCED BY TENSION SETTING VARIES WITH CLAMP TYPE, SIZE AND INDIVIDUAL TOOL USED.

USABLE MAXIMUM PRESSURE SETTING DEPENDS NOT ONLY ON CLAMP TYPE, BUT ALSO ON OBJECT TO BE CLAMPED (RESILIENCY OF OBJECT, ETC.).

NOTE: PRESSURE READING ON GAUGE CREEPS DOWN 3-5 PSI WHEN TOOL IS RESTING. TO VERIFY TENSION SETTING, ACTUATE TOOL MOMENTARILY, AND NOTE NEEDLES HIGHEST POSITION.



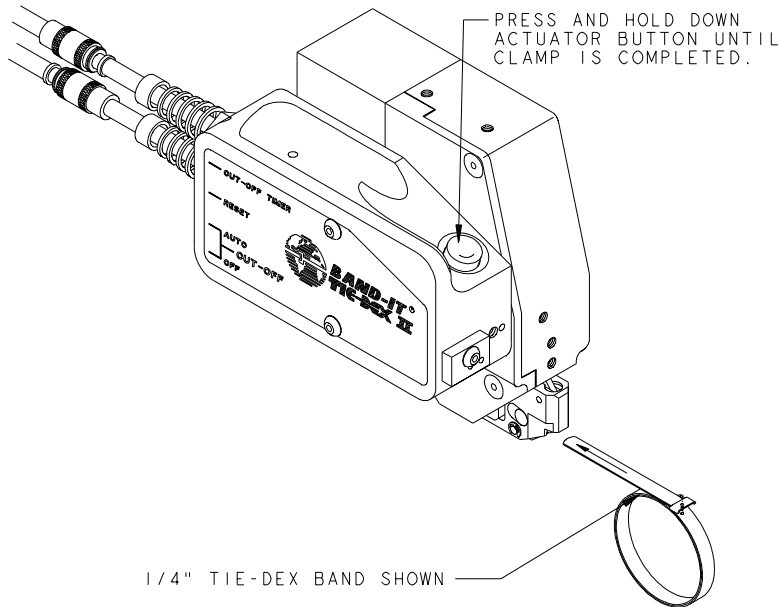
PRESSURE (PSI) SHOWN ON GAUGE.



TENSION (LBS.) (FORCE APPLIED BY TOOL TO CLAMP TAIL)

INSTRUCTIONS FOR OPERATION: ALL TOOL MODELS

INSERT BAND TAIL THROUGH THE TOOL NOSE OPENING, MAKING SURE THAT CLAMP CIRCLE IS DIRECTED AWAY FROM THE TOOL BODY.



ACTIVATE TOOL TO TENSION THE CLAMP. PRESS AND HOLD DOWN ACTUATOR BUTTON. ALWAYS INSTALL CLAMPS PERPENDICULAR TO THE AXIS OF THE OBJECT TO BE CLAMPED. DO NOT FORCE TOOL SIDeways OR IN ANY OTHER DIRECTION WHEN CLAMP TAIL IS UNDER TENSION OR DURING CUT-OFF. DOING SO, MAY DAMAGE CLAMP AND/OR TOOL.

CUT-OFF

THE TIE-DEX II PNEUMATIC TOOL WILL AUTOMATICALLY CUT THE BAND ONCE THE DESIRED TENSION HAS BEEN REACHED. IF NO CUT-OFF OCCURS, CHECK TO MAKE SURE THE AUTOMATIC CUT-OFF SWITCH HAS BEEN TURNED "ON" (THE SILVER SWITCH ON THE BACK SIDE OF THE HANDLE SHOULD POINT TOWARD THE RED RESET BUTTON). IF THE SWITCH IS POINTING IN THE WRONG DIRECTION, FLIP IT TO THE "AUTO" POSITION AND THE TOOL WILL CUT OFF THE BAND. IF CUT-OFF STALLS, TURN SWITCH OFF AND IMMEDIATELY ON AGAIN WHILE HOLDING DOWN ACTUATOR BUTTON. THIS MAY HAVE TO BE DONE ONLY ONCE WITH THE FIRST CLAMP, AFTER TOOL HAS BEEN PRESSURIZED.

IMMEDIATELY AFTER CUT-OFF, RELEASE BUTTON AND THE EXCESS BAND CAN BE REMOVED FROM THE TOOL.

MAINTENANCE: ALL TOOL MODELS

RELEASE WATER ACCUMULATED IN FILTER ON CONTROLLER BOX:

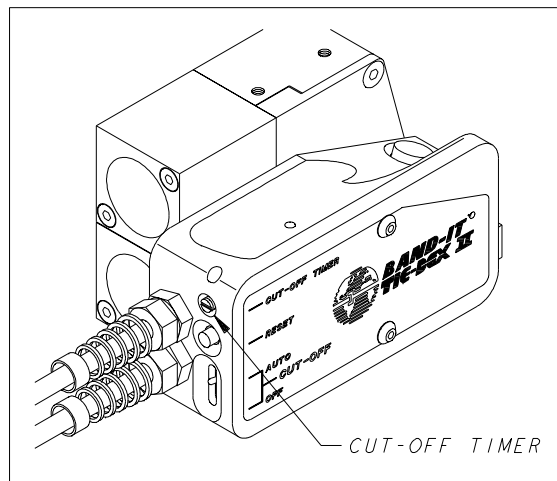
1. DISCONNECT AIR PRESSURE.
2. PLACE A SMALL CUP UNDER THE FILTER.
3. PUSH IN THE VALVE AT THE BASE OF THE FILTER.

CLEAN / REPLACE FILTER ELEMENT:

1. DISCONNECT AIR SUPPLY.
2. ROTATE FILTER UP AND UNSCREW CLEAR PLASTIC HOUSING.
3. UNSCREW FILTER ELEMENT AND CLEAN/REPLACE GOLD COLORED ELEMENT.
4. REPLACEMENT (IF NECESSARY) MUST BE A 5 MICRON FILTERING ELEMENT, AVAILABLE FROM BAND-IT (PART NUMBER A47187).

ADJUST CUT-OFF TIMER:

1. DO NOT ALTER FACTORY SETTING, UNLESS NECESSARY.
2. A SMALL COPPER SCREW FOUND ON THE BACK OF THE TOOL HANDLE (ABOVE THE RESET BUTTON) ADJUSTS THE CUT-OFF TIMING.
3. USING A SMALL, STANDARD SCREWDRIVER, TURN THE SCREW CLOCKWISE TO INCREASE THE CUT-OFF DELAY, AND COUNTER-CLOCKWISE TO DECREASE THE CUT-OFF DELAY. ADJUSTING CUT-OFF DELAY TIMING TOO SHORT WILL RESULT IN PREMATURE CUT-OFF, AND A LOOSE CLAMP. THE MOMENT CUT-OFF IS ACTUATED, THE PRESSURE GAUGE SHOWS THE CORRECT TENSION SETTING.



MAINTENANCE: ALL TOOL MODELS

REPLACE WORN / DAMAGED BLADE:

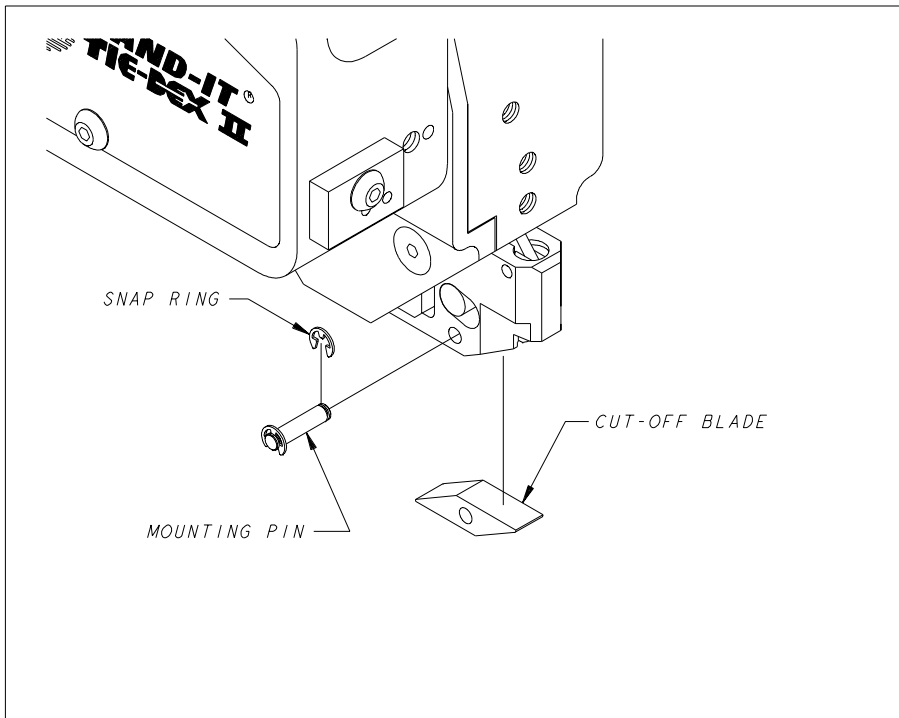
THIS PROCEDURE IS EASIER TO DO IF TOOL IS CONNECTED TO AIR SUPPLY.

1. USING A SMALL, STANDARD SCREWDRIVER, REMOVE ONE SNAP RING FROM MOUNTING PIN.
2. REMOVE MOUNTING PIN AND TURN BLADE EDGE AROUND. IF BOTH EDGES ARE DAMAGED OR WORN, THE BLADE MUST BE REPLACED.

NOTE: THE A354 TOOLS HAS ONLY ONE CUTTER EDGE. IF DAMAGED, THE BLADE MUST BE REPLACED.

IMPORTANT:

TO ORDER CORRECT REPLACEMENT PARTS, TOOL MODEL NUMBER (PART NUMBER) MUST BE IDENTIFIED CORRECTLY, LOCATED ON RIGHT HAND SIDE OF CONTROLLER BOX. PART NUMBERS FOR INDIVIDUAL PARTS CAN BE FOUND ON PAGE CONTAINING INFORMATION FOR THAT TOOL MODEL.



MAINTENANCE: ALL TOOL MODELS

REPLACE CUTTER KNIFE:

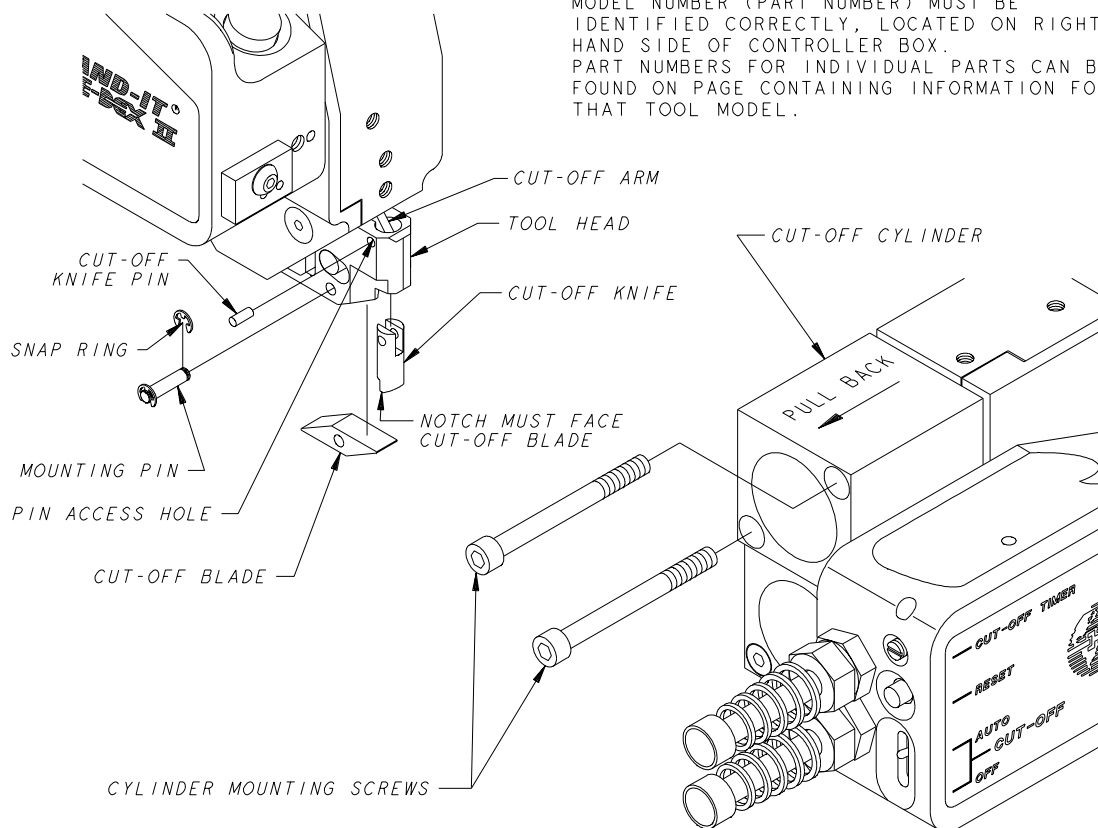
NOTE: CUTTER KNIFE IN A355 TOOL IS NOT USER REPLACEABLE.

THIS PROCEDURE IS EASIER TO DO IF TOOL IS CONNECTED TO AIR SUPPLY.

1. REMOVE CUT-OFF BLADE.
2. REMOVE CUT-OFF CYLINDER MOUNTING SCREWS.
3. PULL BACK CUT-OFF CYLINDER UNTIL CUTTER KNIFE PIN LINES UP WITH ACCESS HOLE ON TOOL HEAD. REMOVE PIN THRU ACCESS HOLE.
NOTE ORIENTATION OF CUTTER KNIFE AND PUSH OUT OF TOOL HEAD DOWNWARDS.
WHEN INSTALLING NEW CUTTER KNIFE, BE SURE TO ORIENT IT THE SAME WAY AS THE OLD ONE.
4. LINE UP HOLES ON CUTTER KNIFE AND CUTTER ARM WITH ACCESS HOLE ON TOOL HEAD AND PUSH PIN BACK INTO PLACE.
5. PUSH CUT-OFF CYLINDER FORWARD AND INSTALL/TIGHTEN CYLINDER MOUNTING SCREWS.
6. REINSTALL CUTTER BLADE.

IMPORTANT:

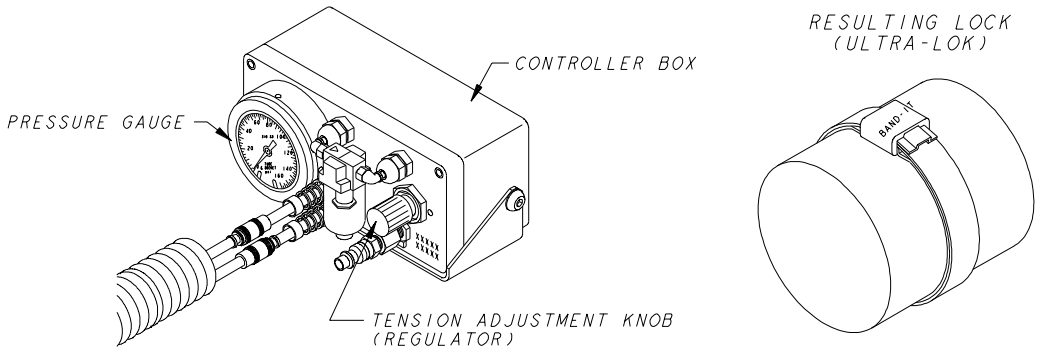
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A350 PNEUMATIC TOOL (ULTRA-LOK)[®]

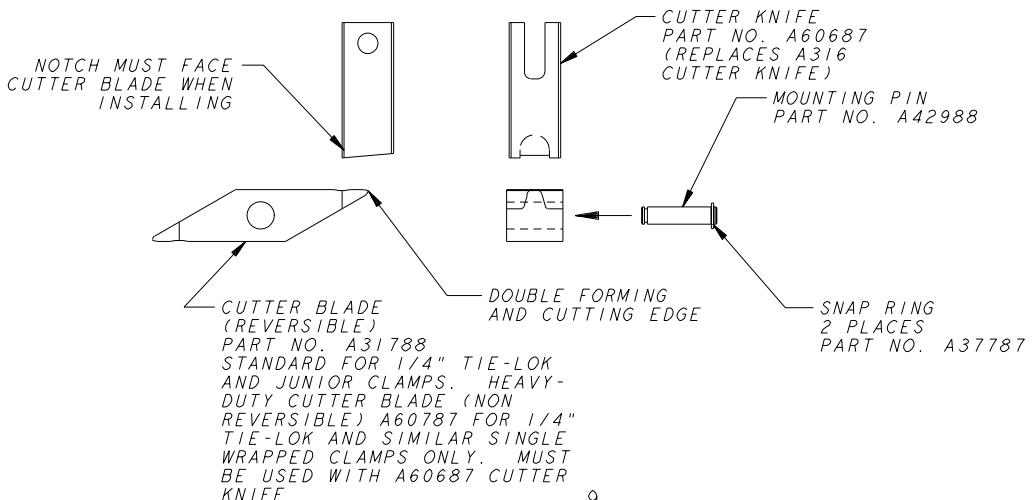
U.S. PATENT NO. 5,322,091

1. BE SURE TO READ TOOL INSTRUCTIONS AND IMPORTANT NOTES (PAGE 4) BEFORE USING TOOL.
2. TENSION RANGE = 30 TO 70 PSI, DEPENDING ON CLAMP TYPE, SINGLE WRAPPED.
3. WHEN PROPERLY TENSIONED, TOOL FORMS A UNIQUE HIGH STRENGTH LOCK (PATENTED)
4. TO ADJUST TENSION: TURN REGULATOR KNOB COUNTER-CLOCKWISE TO DECREASE; CLOCKWISE TO INCREASE TENSION. SETTING CAN BE LOCKED BY PRESSING REGULATOR KNOB IN. PULL KNOB OFF FROM SQUARE REGULATOR STEM FOR TAMPER PROOF SETTING.



REPLACEMENT PARTS (ONLY USER REPLACEABLE PARTS ARE LISTED)

IF A31788 CUTTER BLADE IS WORN OR DAMAGED, REMOVE AND TURN AROUND TO USE NEW CUTTING EDGE. REPLACE CUTTER BLADE IF BOTH EDGES ARE WORN OR DAMAGED. (A60787 CUTTER BLADE IS NOT REVERSIBLE!)



A350 APPLICATION INSTRUCTIONS

PREFORMED CLAMPS (JR / SID)

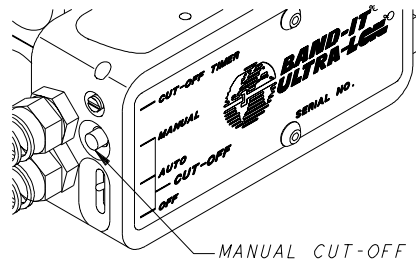
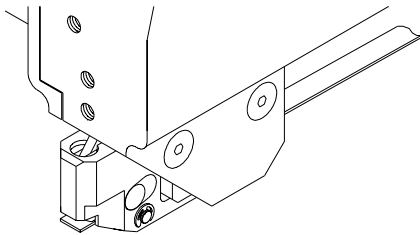
TOOL CAN BE USED ON ANY 1/4" WIDE PRE-FORMED JR. OR S.I.D. TYPE CLAMP MFG. BY BAND-IT. TENSION RANGE APPROX. 50-95 PSI, DEPENDING ON APPLICATION. MAXIMUM USABLE TENSION DEPENDS ON RESILIENCY OF OBJECT TO BE CLAMPED. A31788 CUTTER BLADE MUST BE USED ON DOUBLE WRAPPED CLAMPS.

TIE-LOK TIES

TOOL CAN BE USED ON 1/4" WIDE TIE-LOK TIES (SINGLE WRAPPED ONLY). TENSION RANGE APPROX. 15-70 PSI.
CAUTION: USING MORE THAN 70 PSI OF TENSION WILL CAUSE DAMAGE TO CLAMP AND/OR TOOL.

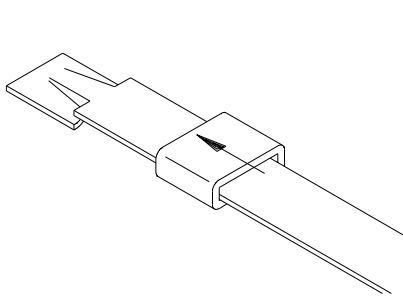
BAND AND BUCKLE

TOOL CAN BE USED ON 1/4" WIDE BAND AND SEPARATE BUCKLE. CLAMP MAY BE FORMED AS SINGLE WRAP OR DOUBLE WRAP, APPROPRIATE BUCKLE REQUIRED. TENSION RANGE APPROX. 15-70 PSI.
USE THE INSTRUCTIONS BELOW TO INSTALL BAND AND BUCKLE TYPE CLAMPS.

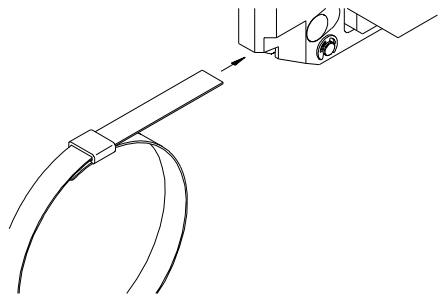


1. CUT BAND TO LENGTH AND INSERT THROUGH TOOL. POSITION EDGE OF BAND FLUSH WITH TOOL HEAD.

2. PRESS THE MANUAL CUT-OFF BUTTON TO FORM THE BUCKLE RETENTION. DO NOT PRESS ACTUATOR BUTTON.



3. PULL BAND THROUGH TOOL AND SLIDE BUCKLE ONTO BAND AS SHOWN.

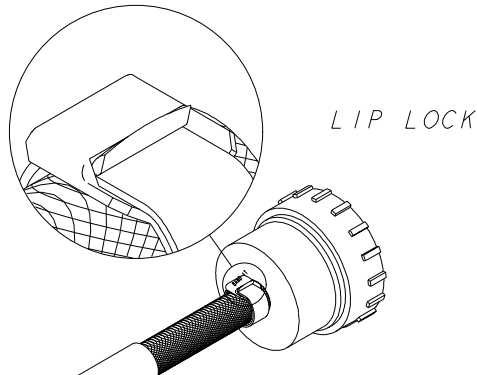


4. FORM CLAMP AND INSERT CLAMP TAIL INTO TOOL. PRESS ACTUATOR BUTTON TO COMPLETE CLAMP.

A351
TIE-DEX[®] PNEUMATIC TOOL

U.S. PAT. NO. 5,127,446

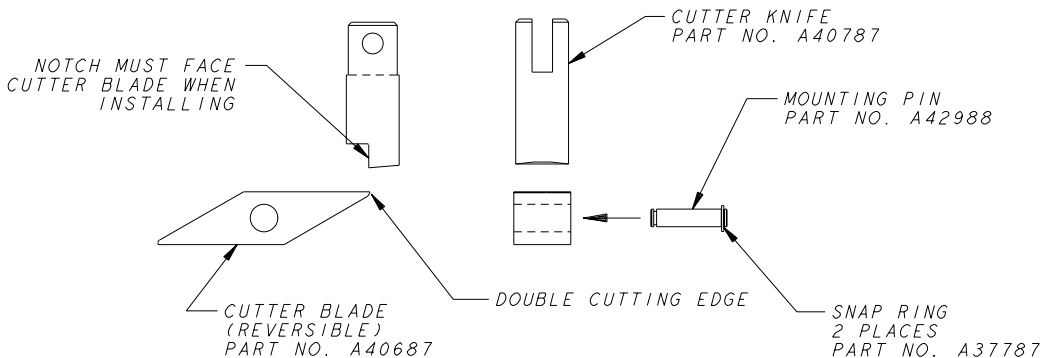
1. BE SURE TO READ TOOL INSTRUCTIONS AND IMPORTANT NOTES (PAGE 4) BEFORE USING TOOL.
2. TENSION RANGE 100-180 LBS. (APPROX. 25-50 PSI). FOR ACCURATE TENSION SETTING, BAND-IT CALIBRATION DEVICE MUST BE USED (PART NO. A500). FOR CALIBRATION PROCEDURE, SEE PAGE 14. DO NOT ADJUST TOOL OUTSIDE TENSION RANGE. PRESSURE READING ON GAUGE SHOULD BE USED FOR REFERENCE ONLY. THE SAME TENSION OUTPUT MAY OCCUR AT SOMEWHAT DIFFERENT PRESSURE READINGS FROM TOOL TO TOOL DUE TO MANUFACTURING TOLERANCES. CALIBRATION DEVICE WILL ENSURE PROPER TENSION SETTING. TOOL IS FACTORY CALIBRATED TO 150±5 LBS. TENSION.
3. A351 TOOL USED ONLY ON .240" WIDE BAND-IT TIE-DEX BANDS.
NOTE: .250" WIDE BANDS CAN NOT BE INSERTED INTO TOOL.
4. CONDITION OF LOCKING LIP SHOULD BE VISUALLY INSPECTED ON COMPLETED CLAMPS. IF LIP APPEARS PARTIALLY TORN, DAMAGED OR NOT PRESENT AT ALL, CHECK TOOL TENSION AND CONDITION OF BLADE AND KNIFE. MAKE NECESSARY ADJUSTMENTS AND REPAIRS. BE SURE TO REMOVE AND REPLACE FAULTY CLAMPS.



LIP LOCK

REPLACEMENT PARTS (ONLY USER REPLACEABLE PARTS ARE LISTED)

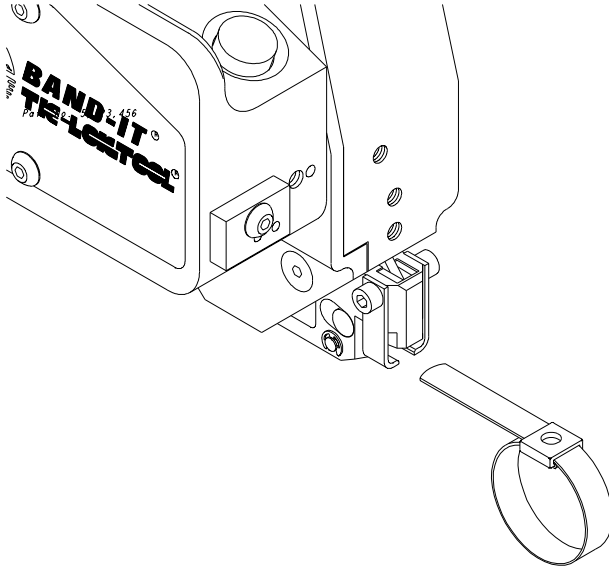
IF CUTTER BLADE IS WORN OR DAMAGED, REMOVE AND TURN AROUND TO USE NEW CUTTING EDGE. REPLACE CUTTER BLADE IF BOTH EDGES ARE WORN OR DAMAGED.



A352 AND A353
MINI TIE-LOK® AND TIE-LOK® TOOLS

U. S. PAT. NO. 5,123,456

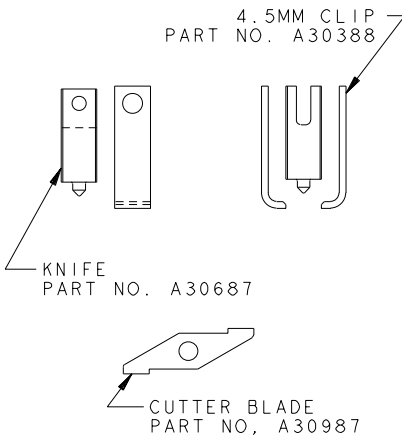
1. BE SURE TO READ TOOL INSTRUCTIONS AND IMPORTANT NOTES (PAGE 4) BEFORE USING TOOL.
2. TENSION RANGE FOR A352 TOOL = 10-55 PSI.
A353 TOOL = 15-75 PSI.
3. FORM CLAMP BY FEEDING FREE END OF TIE THRU BUCKLE INSERT TAIL INTO TOOL, AND INSTALL CLAMP BY PRESSING AND HOLDING DOWN ACTUATOR BUTTON ON HANDLE.



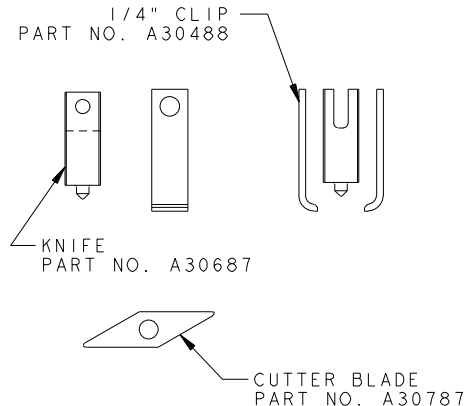
NOTE: CUTTER BLADES DO NOT HAVE TO BE REMOVED WHEN REPLACING CUTTER KNIFE.

REPLACEMENT PARTS (ONLY USER REPLACEABLE PARTS ARE LISTED)

A352 TOOL (MINI TIE-LOK)

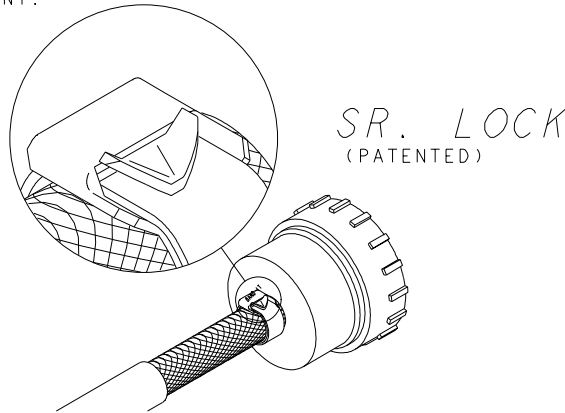


A353 TOOL (1/4" TIE-LOK)

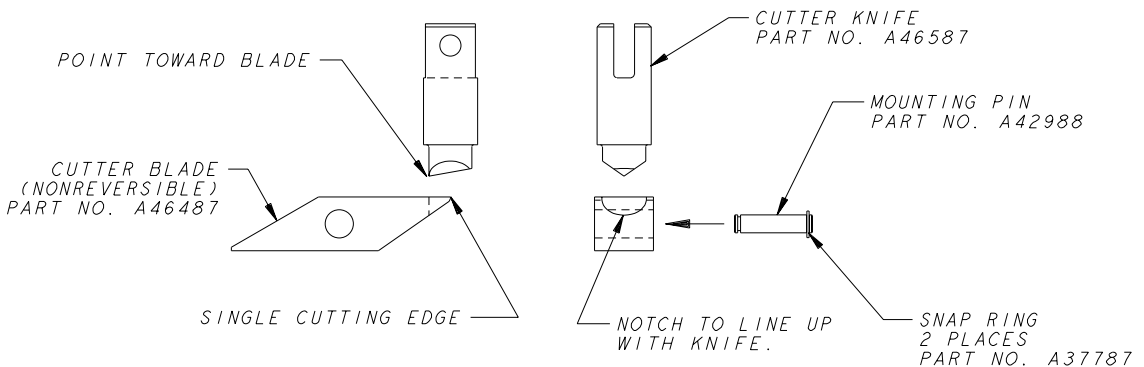


TIE-DEX II PNEUMATIC TOOL WITH SR. LOCK
 (SAME TOOL AS A351 WITH A46399 CONVERSION KIT INSTALLED)

1. BE SURE TO READ TOOL INSTRUCTIONS AND IMPORTANT NOTES (PAGE 4) BEFORE USING TOOL.
2. TENSION RANGE 100-180 LBS. (APPROX. 25-50 PSI). FOR ACCURATE TENSION SETTING, BAND-IT CALIBRATION DEVICE MUST BE USED (PART NO. A500). FOR CALIBRATION PROCEDURE SEE PAGE 14. DO NOT ADJUST TOOL OUTSIDE TENSION RANGE. PRESSURE READING ON GAUGE SHOULD BE USED FOR REFERENCE ONLY. SAME TENSION OUTPUT MAY OCCUR AT SOMEWHAT DIFFERENT PRESSURE READINGS FROM TOOL TO TOOL DUE TO MANUFACTURING TOLERANCES. CALIBRATION DEVICE WILL ENSURE PROPER TENSION SETTING. TOOL IS FACTORY CALIBRATED TO 150±5 LBS. TENSION.
3. A351 TOOL USED ONLY ON .240" WIDE BAND-IT TIE-DEX BANDS.
 NOTE: .250" WIDE BANDS CAN NOT BE INSERTED INTO TOOL.
4. CONDITION OF LOCKING FORM SHOULD BE VISUALLY INSPECTED ON COMPLETED CLAMPS. IF LOCKING FORM APPEARS PARTIALLY TORN, DAMAGED OR NOT PRESENT AT ALL, CHECK TOOL TENSION, CONDITION OF BLADE AND KNIFE. MAKE NECESSARY ADJUSTMENTS AND REPAIRS. BE SURE TO REMOVE AND REPLACE FAULTY CLAMPS. FINISHED CLAMP MAY BE COVERED WITH SHRINK WRAP OR OTHER PROTECTIVE COVERING TO PREVENT CUTS OR SCRATCHES TO HANDS OR EQUIPMENT.

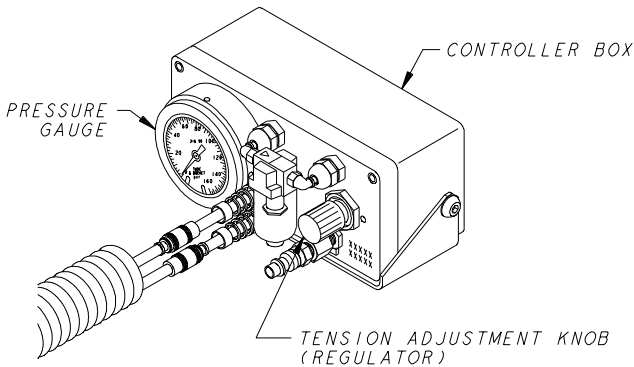


REPLACEMENT PARTS (ONLY USER REPLACEABLE PARTS ARE LISTED)

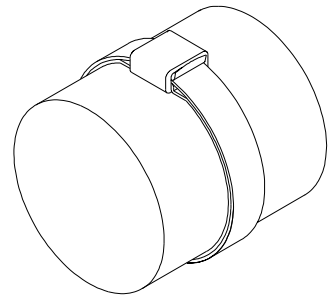


A35499 AND A35401 TIE-DEX II PNEUMATIC JUNIOR TOOL

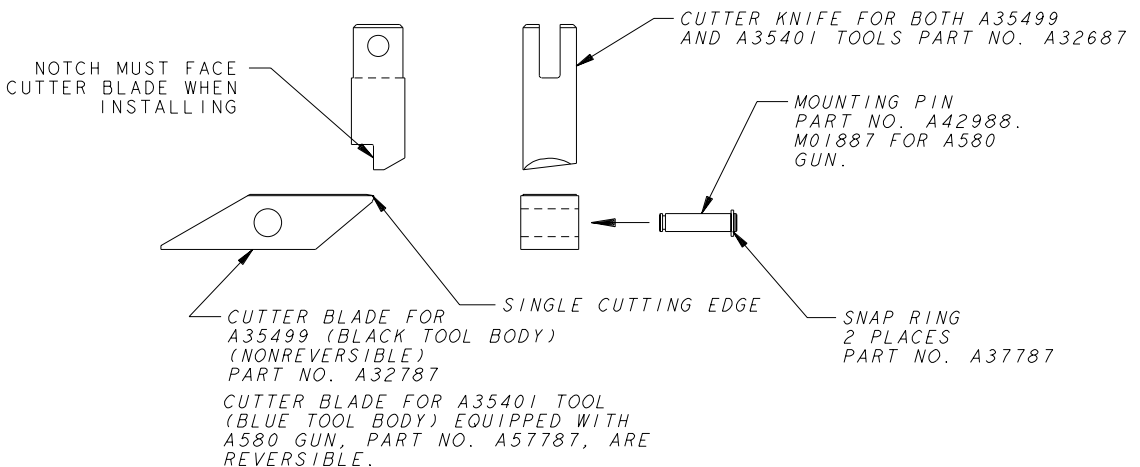
1. BE SURE TO READ TOOL INSTRUCTIONS AND IMPORTANT NOTES (PAGE 4) BEFORE USING TOOL.
2. TOOL CAN BE USED ON ANY 1/4" WIDE PRE-FORMED JR. OR S.I.D. TYPE CLAMPS MANUFACTURED BY BAND-IT. TENSION RANGE APPROX. 50-90 PSI. MAXIMUM USABLE TENSION DEPENDS ON RESILIENCY OF OBJECT TO BE CLAMPED. 90 PSI CAN BE USED ON SOLID OBJECTS, TENSION MUST BE LOWERED FOR SOFT OBJECTS.
3. WHEN PROPERLY TENSIONED, TOOL FORMS JUNIOR TYPE LIP-LOCK.
4. TO ADJUST TENSION: TURN REGULATOR KNOB COUNTER-CLOCKWISE TO DECREASE; CLOCKWISE TO INCREASE TENSION. SETTING CAN BE LOCKED BY PRESSING REGULATOR KNOB IN. PULL KNOB OFF FROM SQUARE REGULATOR STEM FOR TAMPER PROOF SETTING.



JR. TYPE LIP-LOCK

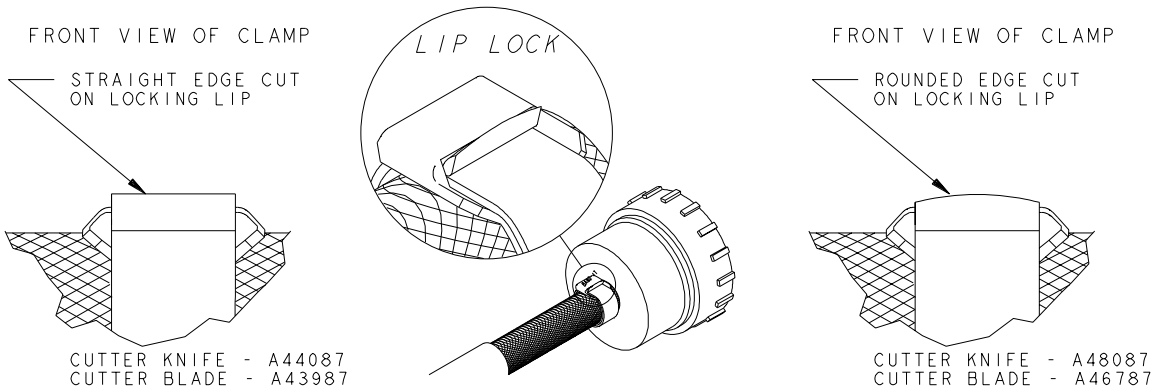


REPLACEMENT PARTS (ONLY USER REPLACEABLE PARTS ARE LISTED)



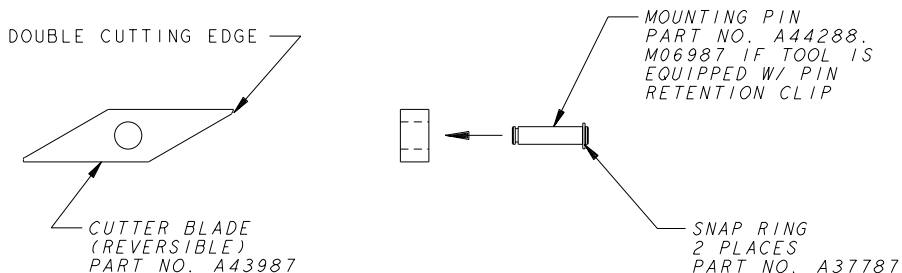
A355
TIE-DEX II MICRO PNEUMATIC TOOL

1. BE SURE TO READ TOOL INSTRUCTIONS AND IMPORTANT NOTES (PAGE 4) BEFORE USING TOOL.
2. TENSION RANGE 60-100 LBS. (APPROX. 15-35 PSI). FOR ACCURATE TENSION SETTING, BAND-IT CALIBRATION DEVICE MUST BE USED (PART NO. A500). FOR CALIBRATION PROCEDURE, SEE PAGE 14. DO NOT ADJUST TOOL OUTSIDE TENSION RANGE. PRESSURE READING ON GAUGE SHOULD BE USED FOR REFERENCE ONLY, SAME TENSION OUTPUT MAY OCCUR AT SOMEWHAT DIFFERENT PRESSURE READINGS FROM TOOL TO TOOL, DUE TO MANUFACTURING TOLERANCES. CALIBRATION DEVICE WILL ENSURE PROPER TENSION SETTING. TOOL IS FACTORY CALIBRATED TO 80±5 LBS. TENSION.
3. A355 TOOL USED ONLY ON .120" WIDE BAND-IT TIE-DEX MICRO BANDS.
4. CONDITION OF LOCKING LIP SHOULD BE VISUALLY INSPECTED ON COMPLETED CLAMPS. IF LIP APPEARS PARTIALLY TORN, DAMAGED OR NOT PRESENT AT ALL, CHECK TOOL TENSION AND CONDITION OF BLADE AND KNIFE. MAKE NECESSARY ADJUSTMENTS AND REPAIRS. BE SURE TO REMOVE AND REPLACE FAULTY CLAMPS.



REPLACEMENT PARTS (ONLY USER REPLACEABLE PARTS ARE LISTED)

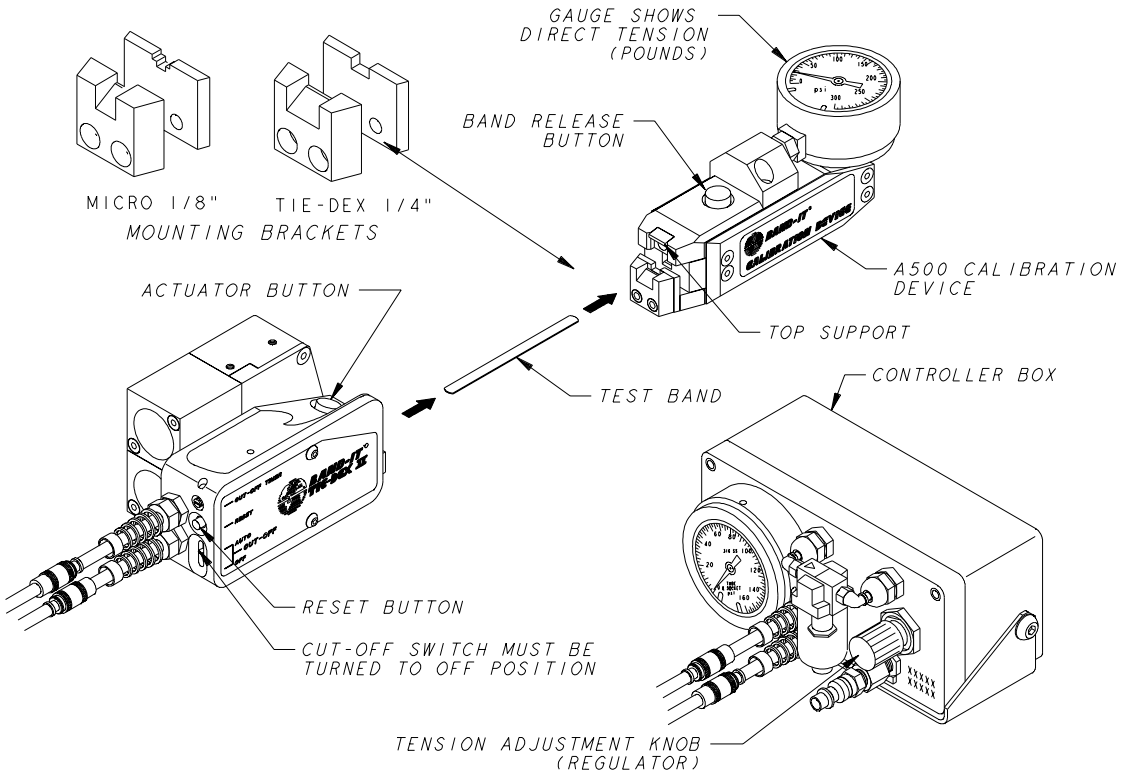
IF CUTTER BLADE IS WORN OR DAMAGED, REMOVE AND TURN AROUND TO USE NEW CUTTING EDGE. REPLACE CUTTER BLADE IF BOTH EDGES ARE WORN OR DAMAGED.



A351, AND A355 TOOL CALIBRATION

PRIOR TO CALIBRATION, REMOVE TOOL LOCATOR BRACKET AND/OR BENCH MOUNT BRACKET IF SO EQUIPPED.

1. DO NOT ADJUST TOOLS OUTSIDE THEIR TENSION RANGE.
2. CUT-OFF SWITCH MUST BE TURNED OFF PRIOR TO CALIBRATION.
3. ATTACH APPROPRIATE TOOL MOUNTING BRACKET TO CALIBRATION DEVICE AS SHOWN BELOW.
4. INSERT TEST BAND (1/4" WIDE FOR A351 AND 1/8" WIDE FOR A355 TOOL) INTO CALIBRATION DEVICE WHILE HOLDING DOWN BAND RELEASE BUTTON.
5. INSERT FREE END OF TEST BAND INTO TOOL. BE SURE TO HOLD TOOL AND CALIBRATION DEVICE STRAIGHT. TOOL HEAD MUST BE UNDER TOP SUPPORT OF CALIBRATION DEVICE.
6. PRESS ACTUATOR BUTTON DOWN TO APPLY TENSION TO TEST BAND. GAUGE ON CALIBRATION DEVICE WILL SHOW TOOLS TENSION OUTPUT IN POUNDS. IF ADJUSTMENT IS NECESSARY, TURN TENSION ADJUSTMENT KNOB CLOCKWISE TO INCREASE TENSION OR COUNTER-CLOCKWISE TO DECREASE TENSION. TO RELEASE TOOL FROM CALIBRATION DEVICE, PRESS RED RESET BUTTON ON BACK OF TOOL HANDLE. A NEW TEST BAND MUST BE USED TO QUALIFY CALIBRATION.
7. SETTING CAN BE LOCKED BY PRESSING REGULATOR KNOB IN. PULL KNOB OFF FROM SQUARE REGULATOR STEM FOR TAMPER PROOF SETTING. WHEN TOOL IS NOT IN USE, GAUGE ON CONTROLLER BOX MAY SHOW 3 TO 5 PSI LESS THAN ORIGINAL SETTING.

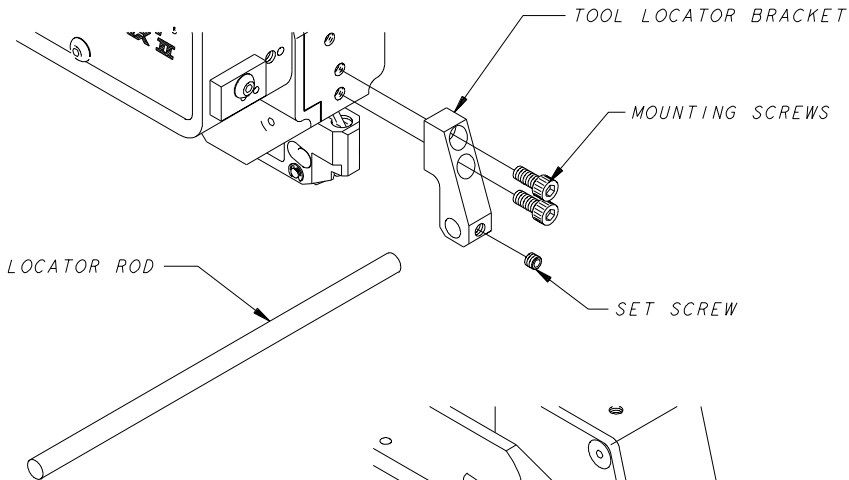


A320 (OPTIONAL) TOOL LOCATOR INSTALLATION AND SET-UP

LOCATES CLAMP FROM A REFERENCE SURFACE IN PRODUCTION ENVIRONMENT (ALL TOOL MODELS).

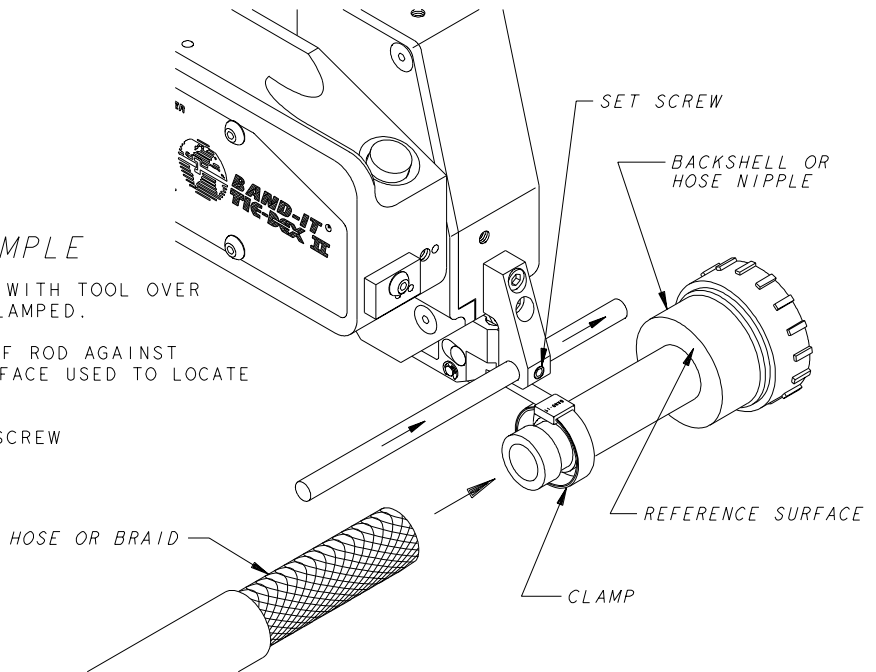
1. MOUNT TOOL LOCATOR BRACKET TO TOOL AS SHOWN BELOW. INSERT LOCATOR ROD AND SET SREW INTO BRACKET.
2. ADJUST LOCATOR ROD TO DESIRED POSITION AND TIGHTEN SET SCREW.

INSTALLATION



SET-UP EXAMPLE

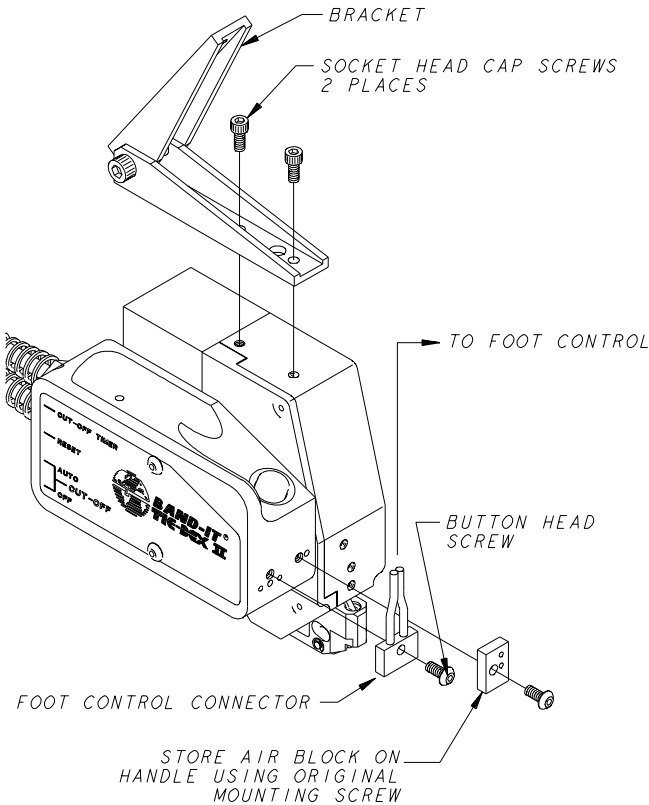
1. LOCATE CLAMP WITH TOOL OVER AREA TO BE CLAMPED.
2. LINE UP TIP OF ROD AGAINST REFERENCE SURFACE USED TO LOCATE FROM.
3. TIGHTEN SET SCREW



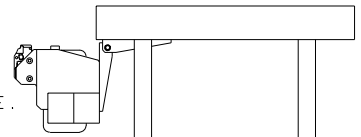
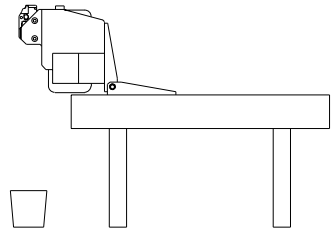
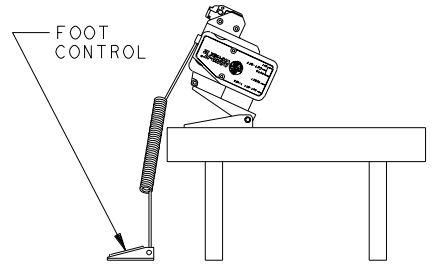
A370 (OPTIONAL) FOOT CONTROL / BENCH MOUNT KIT

FOR ALL TOOL MODELS

1. DISCONNECT TOOL FROM AIR SUPPLY.
2. MOUNT BRACKET TO TOOL AS SHOWN.
3. REMOVE AIR BLOCK FROM HANDLE AND STORE USING SECOND SET OF MOUNTING HOLES.
4. ATTACH FOOT CONTROL CONNECTOR USING BUTTON HEAD SCREW.
5. MOUNT BRACKET TO TOP SURFACE OF TOOL USING 2 SOCKET HEAD SCREWS. USE SMALLER HOLES IN BRACKET
6. MOUNT OTHER LEG OF BRACKET TO BENCH USING LARGER HOLES.
7. ADJUST ANGLE OF TOOL TO DESIRED POSITION AND TIGHTEN BOLT BETWEEN BRACKETS.



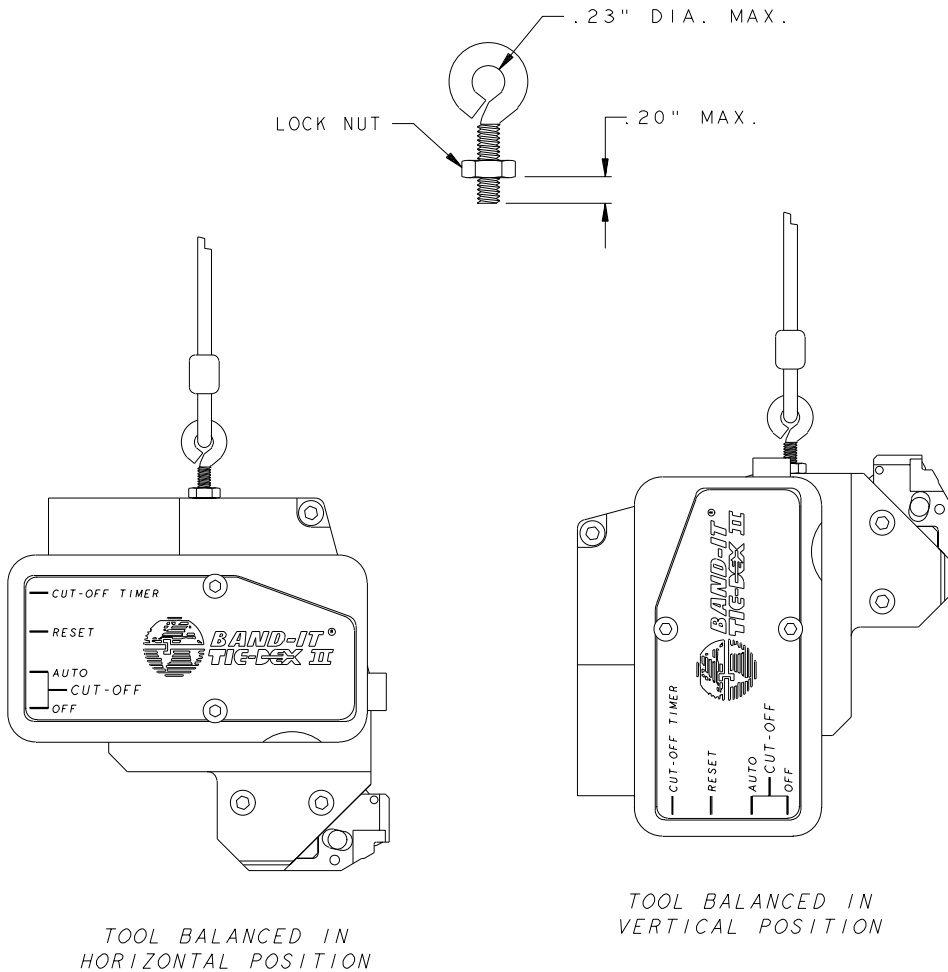
SET-UP
SOME POSSIBLE WAYS TO MOUNT
TOOL TO WORK BENCH



UNDER BENCH
BRACKET MUST BE REVERSED FOR THIS SET-UP.
IF CONTROLLER BOX IS MOUNTED TO EDGE OF WORK BENCH,
THIS CONFIGURATION WILL LEAVE TOP OF BENCH SPACE FREE.
PLACE WASTE CONTAINER UNDER TOOL TO COLLECT EXCESS
BAND.

TOOL BALANCER HOOK INSTALLATION

1. IF THE USE OF A TOOL BALANCER IS DESIRED, INSTALL TOOL BALANCER HOOK. SET BALANCER TO APPROX. 2.5 LBS. BALANCE WEIGHT.
2. BALANCER HOOK CAN BE USED WITH TOOL LOCATOR INSTALLED. CHOOSE THE MOST CONVENIENT ACCESSORY MOUNTING HOLE LOCATED ON TOOL BODY.
3. BE SURE THAT LOCK NUT IS NO MORE THAN .20" AWAY FROM TIP OF THREAD TO PREVENT INTERFERENCE WITH INTERNAL COMPONENTS.



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4,570,340	4,473,925	4,510,977
4,877,334	4,607,867	4,646,591
5,123,456	4,896,402	4,928,738
5,322,091	5,127,446	5,129,350

OTHER PATENTS PENDING

BAND-IT[®], BAND-IT Jr.[®], Junior[®], Tri-Lokt[®], Thriftool[®], Tie-Lok[®], Tie-LokToo[®], Ultra-Lok[®] and Tie-Dex[®] are registered trademarks owned by BAND-IT-IDEX, INC., A Unit of IDEX corporation.

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BAND-IT's UIC (Uniform and Industrial Code) number is 662682.

BAND-IT[®]

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