

# JCC series

## PNEUMATIC CARTON STAPLER

### MODEL:

### MANUAL

#### WARNING

BEFORE OPERATING THIS STAPLER. ALL OPERATORS SHOULD STUDY THIS MANUAL, TO UNDERSTAND AND FOLLOW THE SAFETY WARNINGS AND INSTRUCTIONS. KEEP THESE INSTRUCTIONS WITH THE STAPLER FOR FUTURE REFERENCE. IF YOU HAVE ANY QUESTION, CONTACT YOUR DISTRIBUTOR.



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# TOOL SPECIFICATIONS

MODEL OF TOOL .....

DIMENSIONS (LENGTH x HEIGHT x WIDTH) ..... 360MM x 335MM x 174MM

WEIGHT (WITHOUT FASTENERS) ..... 6.00 KGS

WEIGHT (WITHOUT FASTENERS) ..... 1/4" NPT

COMPRESSED AIR :

MAXIMUM PERMISSIBLE OPERATING PRESSURE ..... 7 KG/Cm<sup>2</sup>

RECOMMENDID OPERATING PRESSURE..... 5 KG/Cm<sup>2</sup> – 7 KG/Cm<sup>2</sup>

AIR CONSUMPTION..... 0.067 M<sup>3</sup> / MIN (2.4 C.F.M)

WITH 10 STAPLES PER MINUTE  
@5.66 KG/CM<sup>2</sup>(80 PSI)

STAPLES SPECIFICATION ..... CROWN 32 MM

LENGTH 25,28,32,35,38MM

STAPLES CAPACITY ..... 100 PCS

THE NOISE LEVELS: (AT THE WORKPLACE, ALWAYS WEAR HEARING PROTECTION EQUIPMENT.)

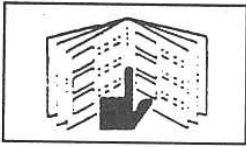
A-EIGHTED SINGLE-EVENT SOUND PRESSURE LEVEL AT OPERATOR'S POSITION: **L Pa, 1s = 89 dBA**

A-WIGHTED SINGLE-EVENT SOUND POWER LEVEL ..... **L WA, 1s = 93 Dba**

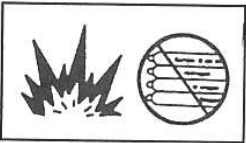
A-WIGHTED SINGLE-EVENT SURFACE SOUND PRESSURE LEVEL ..... **L Pa, 1s, 1m=80 dBA**

# SAFETY INSTRUCTIONS

## DANGER



1. READ THIS MANUAL AND UNDERSTAND ALL SAFETY INSTRUCTIONS BEFORE OPERATION THE TOOL . IF YOU HAVE ANY QUESTIONS , PLEASE CONTACT OUR AUTHORIZED REPRESENTATIVES .



2. NEVER ALLOW TO USE TYPE OF FLAMMABLE GASES OXYGEN AS A POWER SOURCE FOR THE TOOL . USE FILTERED , LUBRICATED , REGULATED , COMPRESSED AIR ONLY .



3. NEVER USE GASOLINE OR OTHER FLAMMABLE LIQUIDS TO CLEAN THE TOOL . VAPORS IN THE TOOL WILL IGNITE BY A SPARK AND CAUSE THE TOOL TO EXPLODE .



4. DO NOT EXCEED MAXIMUM PERMISSIBLE OPERATING PRESSURE OF THE TOOL ( 7 kg/cm<sup>2</sup> ) .



5. DISCONNECT THE TOOL FROM AIR SUPPLY BEFORE CLEANING JAMS , SERVICING , ADJUSTING , AND DURING NON-OPERATION .

## WARNING



6. DO NOT PULL THE TRIGGER WHEN CARRYING OR HOLDING THE TOOL . NEVER CARRY THE TOOL BY THE HOSE OR PULL THE HOSE TO MOVE THE TOOL.



7. AT THE WORKPLACE , ALWAYS WEAR THE PROTECTIVE EQUIPMENT SUCH AS SAFETY GLASSES , HEARING PROTECTION AND HEAD PROTECTION .



8. DO NOT USE A CHECK VALVE OR ANY OTHER FITTING WHICH ALLOWS AIR TO REMAIN IN THE TOOL .



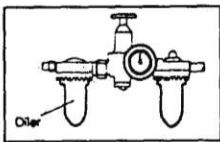
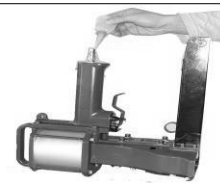
9. DO NOT PLACE YOUR HAND OR ANY PART OF YOUR BODY IN THE STAPLE CLINCHING AREA OR ADJUSTMENT WINDOW OF THE TOOL WHEN CONNECTING OR DISCONNECTING AIR SUPPLY .



10. NEVER POINT ANY OPERATIONAL DRIVING TOOL AT YOURSELF OR AT ANY OTHER PERSON .

# LUBRICATION AND MAINTENANCE

## NOTE

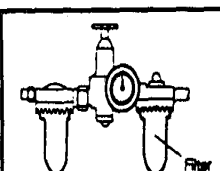
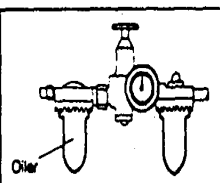
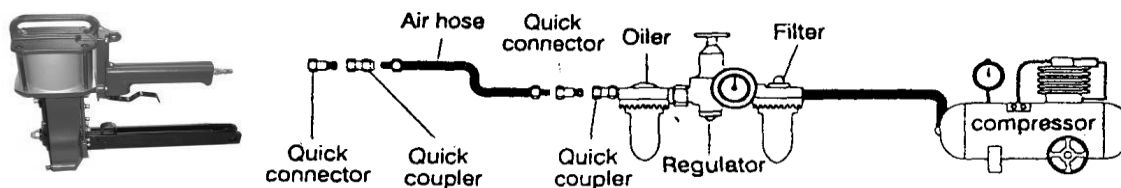


- YOUR TOOL REQUIRES LUBRICATION BEFORE YOU USE IT FOR THE FIRST TIME .
- DISCONNECT THE AIR SUPPLY FROM THE TOOL BEFORE LUBRICATING .
- TURN THE TOOL SO THE INLET IS FACING UP AND PUT ONE DROP OF HIGH SPEED SPINDLE OIL , UNOCAL RX22 , OR 3-IN-1 OIL INTO AIR INLET . NEVER USE DETERGENT OIL OR ADDITIVES . OPERATE THE TOOL BRIEFLY AFTER ADDING OIL .
- WIPE OFF EXCESSIVE OIL AT THE EXHAUST , EXCESSIVE OIL WILL DAMAGE ORINGS OF TOOL . IF IN-LINE OILER IS USED . MANUAL LUBRICATION THROUGH THE AIR INLET IS NOT REQUIRED ON A DAILY BASIS .

# AIR SUPPLY AND CONNECTIONS

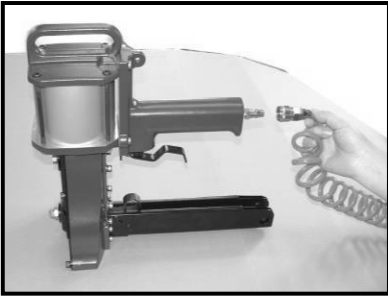
## NOTE

THE FOLLOWING ILLUSTRATION SHOWS THE CORRECT MODE OF CONNECTION TO THE AIR SUPPLY SYSTEM WHICH WILL INCREASE THE EFFICIENCY AND USEFUL LIFE OF THE TOOL .

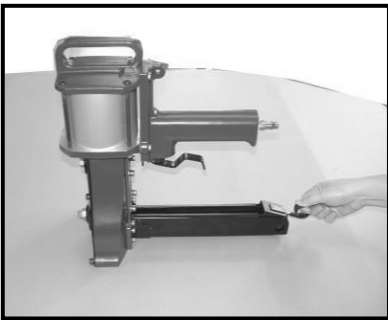


- MANY AIR TOOL USERS FIND IT CONVENIENT TO USE OILER TO HELP PROVIDE OIL CIRCULATION THROUGH TOOL AND INCREASE THE EFFICIENCY AND USEFUL LIFE OF THE TOOL . CHECK OIL LEVEL IN THE OILER DAILY .
- MANY AIR TOOL USER FIND IT CONVENIENT TO USE A FILTER TO REMOVE LIQUID IMPURITIES WHICH CAN RUST OR WEAR INTERNAL PARTS OF THE TOOL . A FILTER ALSO INCREASE THE EFFICIENCY AND USEFUL OF THE TOOL . THE FILTER MUST BE CHECKED ON A DAILY BASIS AND IF NECESSARY DRAINED .

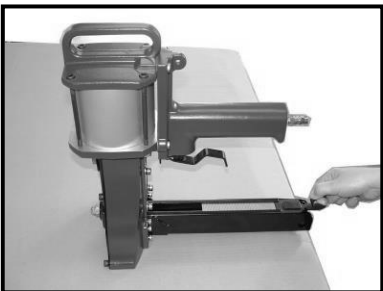
## LOADING THE TOOL



DISCONNECT THE AIR SUPPLY .



PULL PUSHER ( 046 ) BACK UNTIL IT STOPS ON PUSHER GUIDE ( 043,045 ) THEN ROTATE PUSHER ( 046 ) TO POSITION .




INSERT 2 STICKS OF APPROPRIATE STAPLES INTO THE MAGAZINE ( 041 ) FROM BACK . LET THE STICKS SLIDE FORWARD TO THE FRONT OF THE MAGAZINE ( 041 )



PULL PUSHER ( 046 ) BACK TO UPRIGHT POSITION AND GENTLY LET THE PUSHER ( 046 ) SLIDE FORWARD AGAINST THE STAPLES . DO NOT LET THE PUSHER ( 046 ) SLIDE FORWARD AND STRIKE THE STAPLES AT HIGH SPEED FOR THIS MAY DEFROM THE STAPLES OR DAMAGE THE TOOL .

## CHECK STAPLE LEG LENGTH AND ADJUST PLATE POSITION

NOTE : DISCONNECT THE AIR SUPPLY

APPEARANCE			
			
Staple Leg Length	Anvil Size	Adjusting Plate Position	Threading Depth
25mm	25	6	15mm
28mm		6	15mm
32mm	32	5	18mm
35mm		4	18mm
38mm	38	6	24mm

NOTE:

1. THE NEW JUMBO PNEUMATIC CARTON STAPLER IS TESTED BEFORE SHIPPING. PLEASE DON'T MOVE ADJUST PLATE(018) POSITION.
2. IF YOU WANT TO OPERATE DIFFERENT LEG LENGTH STAPLE, PLEASE CHANGE THE SUITABLE CLINCHER AND MOVE THE ADJUST PLATE(018) TO SUITABLE POSITION.



# OPERATING THE TOOL

WARNIN

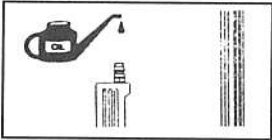
PROTECT YOUR EYES AND EARS . WEAR SAFETY GLASSES WITH SIDE SHIELDS . WEAR HEARING PROTECTION . EMPLOYERS AND USERS ARE RESPONSIBLE FOR ENSURING THE USER OR ANYONE NEAR THE TOOL WEAR THIS SAFETY PROTCTETION .

WARNIN

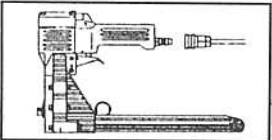
TO PREVENT ACCIDENTAL INJURIES : NEVER , PLACE A HAND OR ANY OTHER PART OF BODY IN STAPLE CLINCHING AREA OT ADJUSTMENT WINDOW . NEVER POINT TOOL TOWARD ANYONE ELSE . NEVER ENGAGE IN HORSEPLAY . ALWAYS HANDLE THE TOOL WITH CARE . NEVER PULL TRIGGER UNLESS TOOL IS IN PLACE OF CARTON.

NOTE

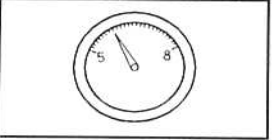
CHECK AND REPLACE ANY DAMAGED OR WORN COMPONENTS ON THE TOOL MUST ALSO BE REPLACED IF THEY ARE NOT LEGIBLE .



ADD A FEW DROPS OF UNOCAL R<sub>x</sub>22 OR 3-IN-1 OIL INTO THE AIR INLET .



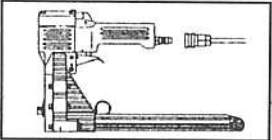
INSTALL A QUICK CONNECT FITTING TO THE TOOL .



REAUULATE THE AIR PRESSURE TO IBTAIN 6 kg/cm<sup>2</sup> THE TOOL .



INSERT STAPLES INTO YOUR TOOL FOLLOWING THE INSTRUCTIONS OF LOADING THE TOOL

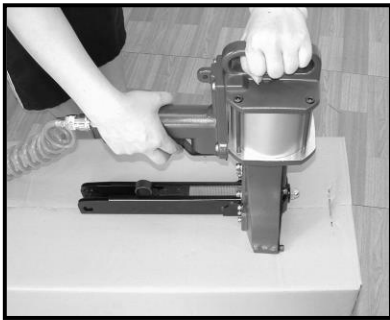


RECONNECT THE AIR HOSE TO THE TOOL.



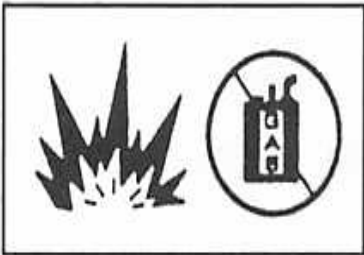


GRASP HANDLE WITH ONE HAND POSITION ON BOX IN LINE WITH THE DESIRED STAPLE LOCATION. PULL TRIGGER(016), THEN RELEASE.



## CLEANING THE TOOL

### DANGER



NEVER USE GASOLINE OR OTHER FLAMMABLE LIQUIDS TO CLEAN THE TOOL . VAPORS IN THE TOOL WILL IGNITE BY A SPARK AND CAUSE THE TOOL TO EXPLODE AND RESULT IN DEATH OR SERIOUS PERSONAL INJURY .

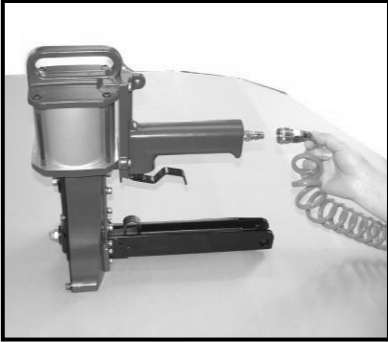


DISCONNECT THE AIR SUPPLY FROM THE TOOL .

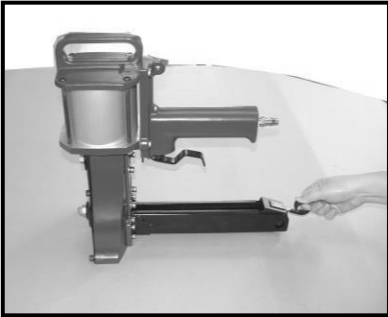


REMOVE TAR BUILDUP WITH KEROSENE #2 FUEL OIL OR DIESEL FUEL . DO NOT ALLOW SOLVENT TO GET INTO THE CYLINDER OR DAMAGE MAY OCCUR . DRY OFF THE TOOL COMPLETELY BEFORE USE

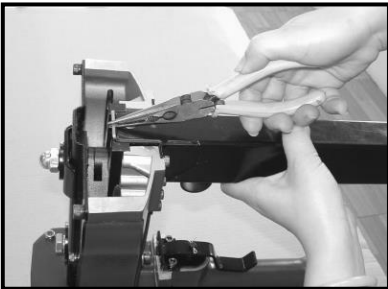
## CLEARING A JAM FROM THE TOOL



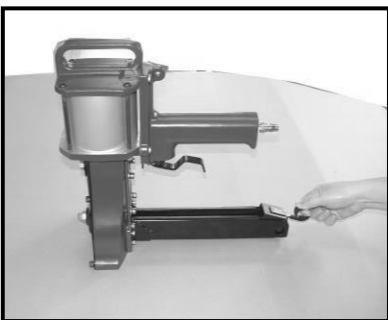
DISCONNECT THE AIR SUPPLY .



PULL PUSHER ( 046 ) BACK AND ROTATE TO LOCKED POSITION.



INSERT LONG NOSE PLIERS OR SCREW DRIVER TO CLEAR JAM .



SLOWLY RELEASE PUSHER ( 046 ) BACK TO POSITION .

# TROUBLESHOOTING

## WARNING

STOP USING THE TOOL IMMEDIATELY IF ANY OF THE FOLLOWING PROBLEMS OCCUR .  
 SERIOUS PERSONAL INJURY COULD OCCUR . ANY REPAIRS OR REPLACEMENTS MUST BE  
 DONE BY A QUALIFIED PERSON OR AN AUTHORIZED SERVICE CENTER ONLY .

PROBLEM	CAUSE	REMEDY
AIR LEAKAGE FROM TRIGGER .	O-RING ON VALVE ( 010 ) OR ON TUBE ( 011 ) ARE DAMAGED .	O-RING MUST BE REPLACED
AIR LEAKAGE FROM EXHAUST PORT .	O-RINGSON VALVE ( 010 ) OR ON TUBE ( 011 ) ARE DAMAGED .	O-RING MUST BE REPLACED
	PISTON'S O-RING ( 503 ) IS DAMAGED .	O-RING MUST BE REPLACED
AIR LEAKAGE RROM CYLINDER ( 035 ) .	MAGAZINE SEAT(037) O-RING( 524 ) IS DAMAGED .	REPLACE THE O-RING .
EXCESSIVE JAMS :	CLINCHER SCREWS(526) LOOSE .	TIGHTEN SCREWS(526)
	STAPLE SIZE IS WRONG .	USE THE PROPER SIZE STAPLE
	INSUFFFCIENT LUBRICATION	CLEANING AND LUBRICATING SUITABLY .
UNEVEN CLINCH	WRONG STAPLE SIZE	CHECK FOR PROPER LEG LENGTH ADJUSTMENT & CLINCHER SIZE .
UNCLINCHED STAPLE	CLINCHER(034) LOOSE	TIGHTEN CLINCHER ( 034 )
	CLINCHER ( 034 ) ARE BROKEN	REPLACE CLINCHER ( 034 )

## CLINCHER REPLACEMENT

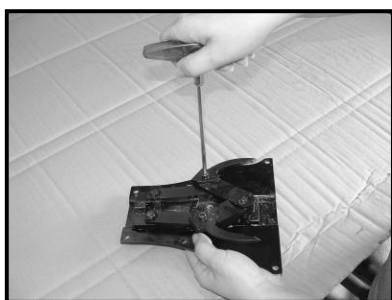
**NOTE : DISCONNECT THE AIR SUPPLY**



LOOSEN SCREWS ( 506 ) WITH 5 mm HEXAGON WRENCH KEY .



REMOVE THE FRONT PLATE ( 019 ) ASSEMBLY AND CLINCHER(034) ASSEMBLY.



LOOSEN SCREWS ( 526 ) WITH 4 mm HEXAGON WRENCH KEY .

**NOTE: DON'T FORGET ADJUST ROD(029) WHEN YOU ASSEMBLE AGAIN.**

## DRIVER REPLACEMENT

**NOTE : DISCONNECT THE AIR SUPPLY**



LOOSEN SCREWS ( 506 ) WITH 5 mm HEXAGON WRENCH KEY .



REMOVE THE FRONT PLATE (019) ASSEMBLY AND CLINCHER (034) ASSEMBLY.



LOOSEN AND TAKE AWAY SET SCREW ( 528 ) WITH 5 mm HEXAGON WRENCH KEY FROM BACK OF MAGAZINE SEAT (037).

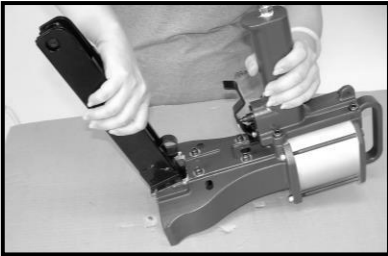
TAKE AWAY DRIVER (039).

**NOTE: DON'T FORGET ADJUST ROD (029) WHEN YOU ASSEMBLY AGAIN.**

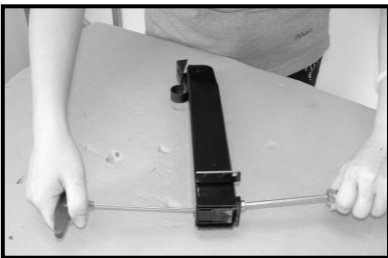
## PUSHER SPRING REPLACEMENT



LOOSEN SCREWS ( 523 ) WITH 4 mm HEXAGON WRENCH KEY .



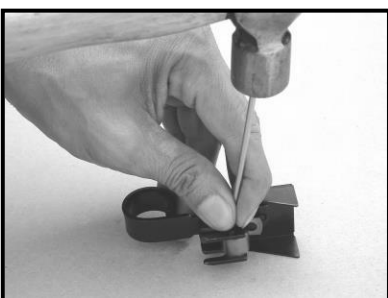
REMOVE THE MAGAZINE ASSEMBLY ( 041 ) .



LOOSEN SCREW ( 518 ) AND NUT ( 519 ) WITH 2.5 mm HEXAGON WRENCH KEY AND 7 mm SOCKET WRINCH .

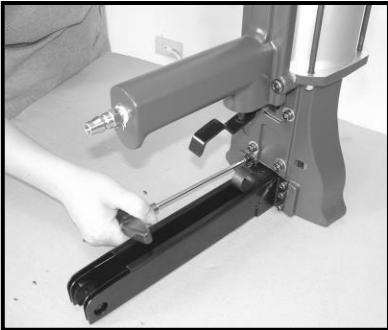


LOOSEN ROD ( 044 ) WITH 6 mm OFFSET WRENCH  
REMOVE PUSHER GUIDES ( 043,045 ) . REMOVE  
PUSHER ( 046 )

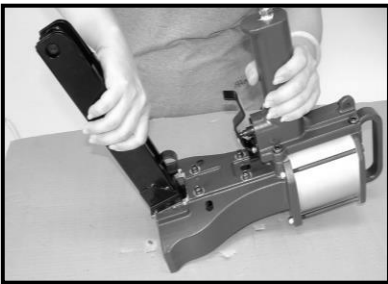


REMOVE SPRING PIN ( 525 ) WITH HAMMER AND 4 mm  
( DIA ) STRAIGHT ROD .

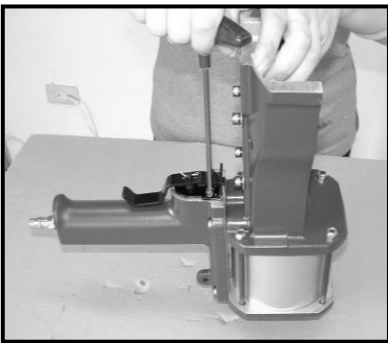
## VALVE'S AND TUBE'S O-RINGS REPLACEMENT



LOOSEN AND REMOVE SCREWS ( 523 ) WITH 4mm HEXAGON WRENCH KEY .



REMOVE MAGAZINE(041) .



LOOSEN AND REMOVE SCREW (530) WITH 4mm HEXAGON WRENCH KEY REMOVE TRIGGER (016) THEN YOU CAN REMOVE TUBE (011) AND VALVE (010) BY LONG NOSE PLIERS.

# PISTON REPLACEMENT

**NOTE : DISCONNECT THE AIR SUPPLY**



REMOVE SCREWS ( 501 ) AND NUT ( 515 ) WITH 10 mm SPANNER AND 5 mm HEXAGON WRENCH KEY .



REMOVE TWO SCREWS (513) CONNECT WITH CAP (001) WITH 6mm HEXAGON WRENCH KEY.



TAKE AWAY CAP (001).



REMOVE LOCK NUT (502) WITH 17mm SPANNER THEN YOU CAN TAKE OUT PISTON.