# **JUMBO 32.32**

# PNEUMATIC CARTON STAPLER

19732T\_JUMBO32\_32\_191118 IV

cod.: 19732T

# MANUAL WARNING

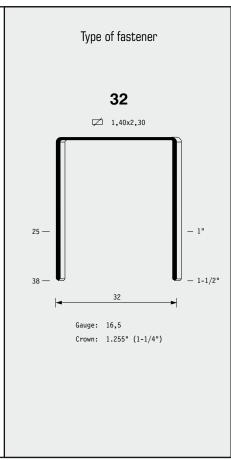


BEFORE OPERATING THIS STAPLER.

ALL OPERATOR SHOULD READ THIS MANUAL, TOUNDERSTAND AND FOLLOW THE SAFETY WARNINGS AND INSTRUCTIONS.
KEEP THESE INSTRUCTIONS WITH THE STAPLER FOR FUTURE REFERENCE.

IF YOU HAVE ANY QUESTION, CONTACT YOUR DISTRIBUTOR.





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 M³ / 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 LEVELAT OPER	RATOR'S POSITION: L Pa, 1s = 89 dBA	
A-WIGHTED SINGLE-EVENT SOUND POWER LEVEL LWA, 1s = 93 Dba		
A-WIGHTED SINGLE-EVENT SURFACE SOUND PRESS	URE LEVEL <b>L Pa, 1s,1m=80 dBA</b>	



CE Declaration of conformity

ENGLISH

MAINPACK Industrial CO., LTD.,

declares that the following product is in conformity with the requirements of the Machinery Directive **98/37/EC** of 1998 and the Harmonized standards **EN 792-13.** 

CE Dichiarazione di conformita

ITALIANO

MAINPACK Industrial CO., LTD.

dichiara, che il seguente prodotto e conforme alla-Direttiva Macchine 98/37/EC del 1998 e agli standards **EN 792-13.** 

Machine Name: Pneumatic Jumbo Stapler

**Machine Type**: JM-38 *Place, Date of issue* 

Place,Date of issue

No.6, Alley 92, Lane 710, Sec.1, Sha Tian RD., Ta Tu, Taichung Hsien, TAIWAN, R.O.C.

20,03,2006

Signature of issuer: Steven Huang

### SAFETY INSTRUCTIONS

#### DANGER



 READ THIS MANUAL AND UNDERSTAND ALL SAFETY INSTRUCTIONS BERORE OPERATION THE TOOL. IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT OUR AU. THORIZED REPRESENTATIVES.



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



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.



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



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

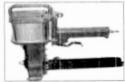
#### WARNING



 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.



 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 . •



 DO NOTPLACE 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

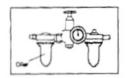
· YOUR TOOL REQUIRES LUBRICATION BEFORE YOU USE IT FOR THE FIRST TIME



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. NERER USE DETERGENT OIL OR ADDITIVES. OPERATE THE TOOL BRIEFLY AFTER ADDING OIL.



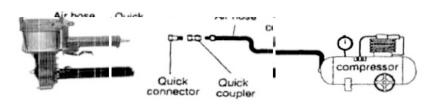
 WIPE OFF EXCESSIVE OIL AT THE EXHAUST, EXCESSIVE IOL WILL DAMAGE ORINGS OF TOOL. IF IN-LINE OILER IS USED. MANUAL LUBRICATION THROUGH THE AIR NILET IS NOT REQUIRED ON A DAILY BASIS.

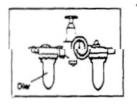
#### AIR SUPPLY AND CONNECTIONS

#### 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.

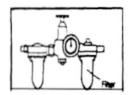






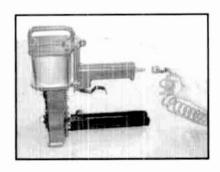
MANY AIR TOOL USERS FSE OILER TO HELP PROVIDE OIL

CIRCULATION THROUGH EFFICIENCY AND USEFUL LIFE OF
THE TOOL CHECK IOL LEVELTN THE OILER DAILY.

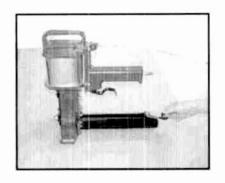


MANY AIR TOOL USER FIND IT CONVENIENT TO USE A FILTER TO REMOVE LIQUID IMPURITIES WHICH CAN RUST OR WEAR INTERNAL PARLS OF THE TOOL. A FILTER ALSO INCEREASE THE EFFICIENCY AND USEFUL OF THE TOOL. THE FILTER MUST BE CHECKED ON A DAILY BASIS AND IF NECESSARY DRAINED.

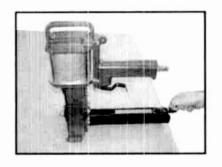
#### LOADING THE TOOL



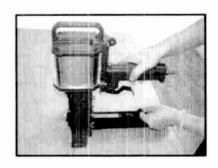
DISCONNECT THE AIR SYPPLY.



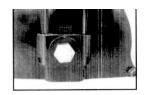
PULL PUSHER (046) BACK UNTIL IT STOPS ON PUSHER GUIDE (043,045) THEN ROTATE PUSHER (046) TO POSITION.



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.





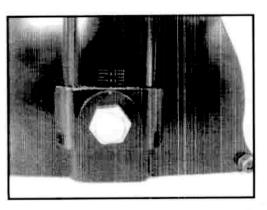
# CHECK STAPLE LEG LENGIR AND ADJUST PLATE POSITION

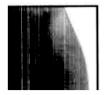
NOTE: DESCONNECT THE AIR SUPPLY

		APPEARANCE	
Staple Leg Length	Clincher	Adjusting Plate Position	Threading Depth
		5	15mm
25mm	25	.5	1011111
25mm 28mm	25	4	15mm
28mm	- 25 - 32	4	15mm

#### NOTE:

- 1. THE JUMBO PNEUMATIC CARTON IS SHIPPED ONLY WITH CLINCHER SIZE 32.
  CLINCHER 25 AND 38 ARE ON REQUEST.
- 2. THE JUMBO PNEUMATIC CARTON IS TESTED BEFORE SHIPPING. PLEASE DON'T MOVE ADJUST PLATE (018) POSITION.
- 3. IF YOU WANT TO OPERATE DIFFERENT LEG LENGHTH STAPLE, PLEASE CHANGE THE SUITABLE CLICHER AND MOVE THE ADJUST PLATE (018) TO SUITABLE POSITION.





#### **OPERATING THE TOOL**

WARNING

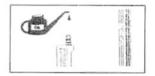
PROTECT YOUR EYES AND EARS. WEAR SAFETY GLASSES WITH SIDE SHIELDS. WEAR HEARING PROTECTION. EMPLOYERS AND USERS ARE RESPONSIBLE FOR ENSURING THE USER OR ANYONE NEAR THE TOOL WEAR THIS SAFETY PROTCETION.

WARNING

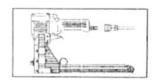
TO PREVENT ACCIDENTAL INJURIES: NEVER, PLACE A HAND OR ANY OTHER PART OF BODY IN STAPLE CLINCHING AREA OT ADJUSTMENT WINDOW. NEVER POINT TOOL TOWARD ANYONE ELSE. NEVER ENGAGE IN HORSEPLAY. ALWAYS HANDLE THE TOOL WITH CARE. NEVER PULL TRIGGER UNLESS TOOL IS IN PLACE OF CARTON.

NOTE

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



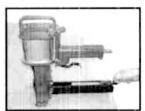
ADD A FEW DROPS OF UNOCAL Rx22 OR 3-IN-1 OIL INTO THE AIR INLET.



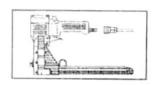
INSTALL A QUICK CONNECT FITTING TO THE TOOL.



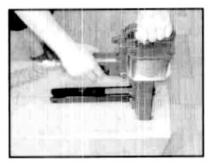
REAULATE THE AIR PRESSURE TO IBTAIN 6 kg/cm <sup>2</sup> THE TOOL .



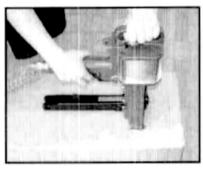
INSERT STAPLES INTO YOUR TOOL FOLLOWING THE INSTRUCTIONS OF LOADING THE TOOL



RECONNECT THE AIR HOSE TO THE TOOL.

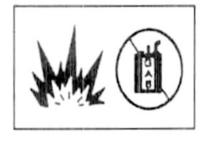


GRASP HANDLE WITH ONE HAND POSITION ON BOX IN LINE WITH THE DESIREDSTAPLE LOCATION. PULL TRIGGER(016), THEN RELEX.



#### **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.



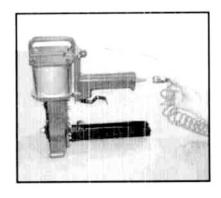
DISCONNECT THE AIR SUPPLY FROM THE TOOL.

AR BUILDUP WITH KEROSENE #2 FUEL OIL

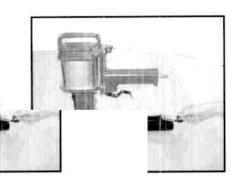


OR DIESEL FUEL . DO NOT ALLOW SOL'
INTO THE CYLINDER OR DAMAGE MAY
OFF THE TOOL COMPLETELY BEFORE!

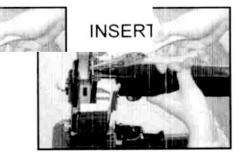
## **CLEARING A JAM FROM THE TOOL**



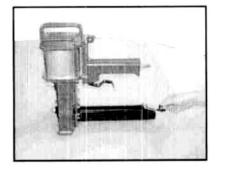
DISCONNECT THE AIR SUPPLY.



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



INSERT LONG NOSE PLIERS OR SCREW DRIVER TO CLEAR JAM .



SLOWLY RELEASE PUSHER TO BACK TO PUSHTION

## **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.

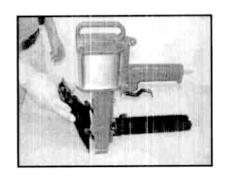
PROBLEM	CAUSE	REMEDY	
AIR LEAKAGE FROM	O-RING ON VALVE (010) OR ON	O DINC MUST BE DEDI ACED	
TRIGGER.	TUBE (011) ARE DAMAGED.	O-RING MUST BE REPLACED	
1	O-RINGSON VALVE (010) OR ON	O-RING MUST BE REPLACED	
AIR LEAKAGE FROM	TUBE (011) ARE DAMAGED.		
EXHAUST PORT .	PISTON'S Q-RING (503) IS	O DINO MUCT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

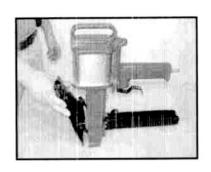
NOTE: DON'T FORGET ADJUST ROD(029) WHEN YOU ASSEMBLE AGAIN.

## DRIVER REPLACEMENT

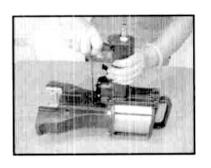
NOTE: DESCONNECT THE AIR SUPPLY



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



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

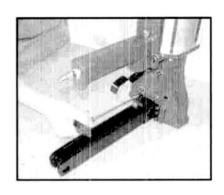


LOOSEN AND TAKE AWAY SET SCREW (528) WITH 5 mm HEXAGON WRENCH KEY FROM BACK OF MAGAZINE SEAT (037).

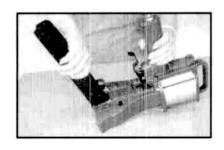
TAKE AWAY DRIVER, (Q39), .... \_ .... \_ ....

NOTE: DON'T FORGET ADJUST ROJ
ASSEMBLY AGAIN.

### **PUSHER SPRING REPLACEMENT**



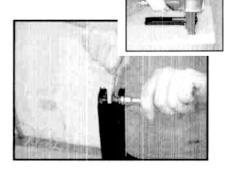
LOOSEN SCREWS (523) WITH 4  ${\tt mm}$  HEXAGON WRENCH KEY .



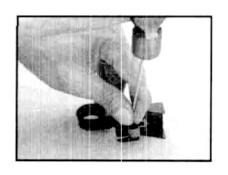
REMOVE THE MAGAZINE ASSEMBLY (041).



LOOSEN SCREW (518) AND NUT (519) WITH 2.5 mm GRASP HAGON WRENCH KEY AND 7 mm SOCKET WRINCH . LINE WITH TRIGGER(I

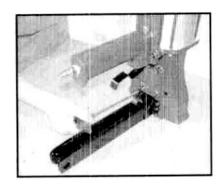


EN ROD (044) WITH 6 mm OFFSET WRENCH REMOVE PUSHER GUIDES (043,045). REMOVE PUSHER (046)

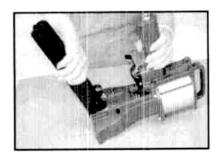


REMOVE SPRING PIN (525) WITH HAMMER AND 4 mm (DIA) STRAIGHT ROD.

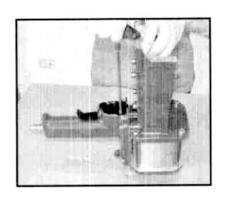
## VALVE'S AND TUBE'S O-RINGS REPLACEMENT



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



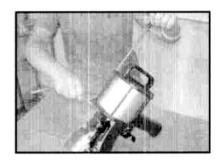
REMOVE MAGAZINE(041).



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**

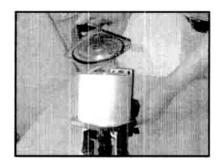
NOTE: DISCONNECT THE AIR SUPPLY



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

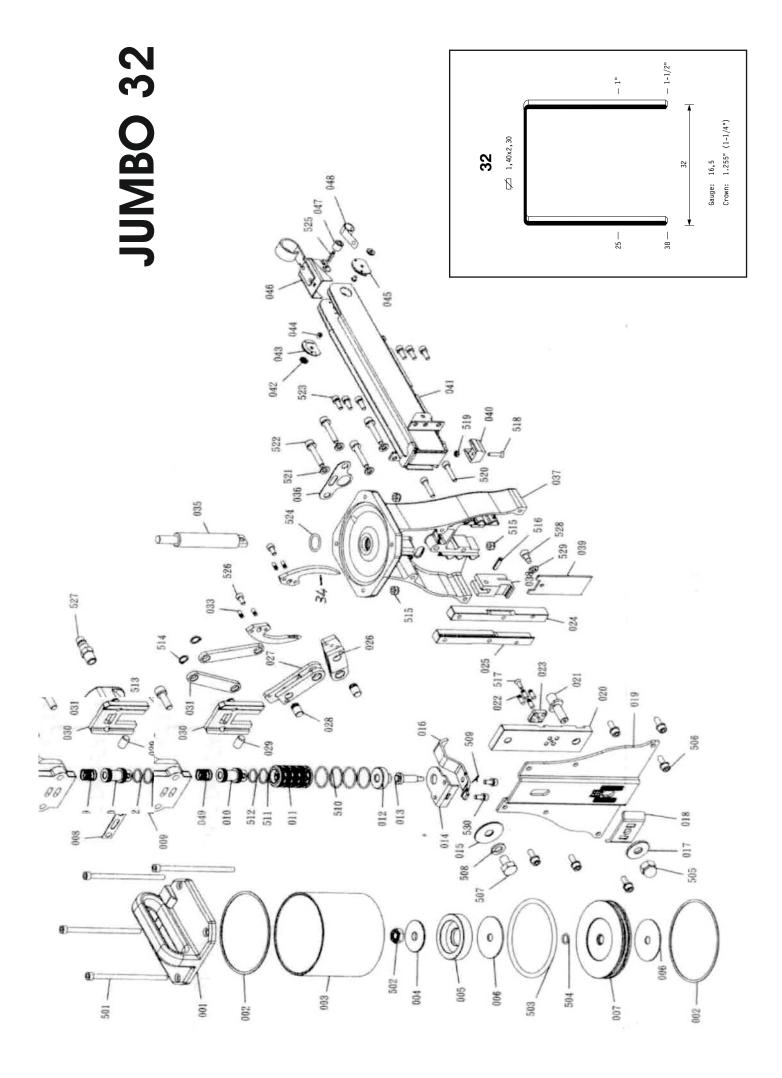


REMOVE TWO SCREWS (513) CONNECT WITH CAP (001) WITH 6mm HEXAGON WRENCH KEY.



TAKE AWAY CAP (001).

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



# **JUMBO 32.32**

161. IVO.	raitinu.	Describeron.	22
042	2CRTJM32A042	Rod Nut	7 5
044 044	2CRTJM32A044	Rod	- 2
045 046	2CRTJM32A045	Right Pusher Guide	
047	2CRTJM32A047	Roller	
048	2CRTJM32A048	Spring	-
049	2CRTJM32A049	Spring	<
501	2CR1JW32A501	Lock Nint	<b>1</b> +
502 503	2CRT.IM32A502	Cock ivat	
504	2CRTJM32A504	0-Ring	. —
505	2CRTJM32A505	Round Hd Nut	_
506	2CRTJM32A506	Hex.Soc.Hd.Bolt	9
507	2CRTJM32A507	Hex.Hd.Bolt	-,
208	2CKIJM32A508	Spring Wasner	<b>-</b> •
509 510	2CR1JW32A3U9	Outtel-rill	
511	2CRTJM32A511	0-Ring	r —
2	2CRTJM32A512	0-Ring	_
3	2CRTJM32A513	Hex.Soc.Hd.Bolt	4
514	2CRTJM32A514	C-Ring	7
റധ	2CKIJIM3ZA515	Coxing Din	<b>4</b> +
0 1	2CRT.IM32A517	Hex Soc Flat Counter	
		Sunk. Hd.Screw	-
518	2CRTJM32A518	Hex.Soc.Flat.Counter	-
		Sunk. Hd.Screw	
519	2CRTJM32A519	Lock Nut	<b>.</b> (
520	2CRIJM32A520	Hex.Soc.Hd.Bolt	2 4
- c	ZURIJINISZASZI	Wasilei Lex Coo Lid Dolt	<b>4</b> <
222	2CKIJIMI3ZADZZ	Hex. Soc. Hd. Bolt	<b>4</b> (
m •	2CKIJIM32A523	Hex. Soc. Hd. Bolt	9 1
<del></del>	2CKIJM32A524	O-King	<b>—</b> ,
525	2CKIJM32A525	Spring Pin	- (
20 1	2CKIJM32A526	Hex.Soc.Hd.Bolt	. 7
527	2CRTJM32A527	Air Plug	<b>-</b> ·
Ω.	2CRTJM32A528	Fixing Blot	<b>-</b> 1
529	2CRTJM32A529	Spring Washer	2
	2CRTJM32A530	Hex.Soc.Hd.Bolt	2

Qty	- N N
Description	Cap Packing Cylinder Washer Bumper Washer Piston Packing Handle Valve Tube Cover Rod Bracket Washer Trigger Washer Trigger Masher Clover Rod Pin Block Adjusting Rod Pin Block Adjusting Rod Pin Block Adjusting Rod Pin Block Adjusting Rod Pin Block Trail Link Rod Clincher Seat Right Clincher mod.32 Clincher mod.32 Clincher mod.32 Clincher Magazine Seat Block Driver Blacket
Part No.	2CRTJM32A001 2CRTJM32A002 2CRTJM32A003 2CRTJM32A004 2CRTJM32A004 2CRTJM32A006 2CRTJM32A010 2CRTJM32A011 2CRTJM32A011 2CRTJM32A011 2CRTJM32A011 2CRTJM32A016 2CRTJM32A016 2CRTJM32A016 2CRTJM32A016 2CRTJM32A020 2CRTJM32A020 2CRTJM32A020 2CRTJM32A020 2CRTJM32A030 2CRTJM32A030 2CRTJM32A031
Ref. No.	001 002 003 006 007 008 007 011 011 012 020 020 021 022 023 024 024 027 028 029 030 031 033 034 034 034 034 036 037

\* on request