



AIR RIVETER



INSTRUCTION MANUAL

BUILT-IN ON-DEMAND
VACUUM SYSTEM

英語/ENGLISH

ARV-041M

CONTENTS

| | |
|-------------------------------------|-------|
| IMPORTANT SAFETY INSTRUCTIONS | 1~2 |
| NOMENCLATURE | 3 |
| TECHNICAL DATA | 3 |
| PREPARATION BEFORE USE | 4~5 |
| OPERATING THE AIR RIVETER | 6 |
| MAINTENANCE | 7~9 |
| STORAGE | 9 |
| TROUBLESHOOTING | 10 |
| ARV-041M PARTS TABLE | 11~12 |
| ORDERING PARTS | 12 |

Professional model of air riveter to install blind rivets.

- Thank you very much for purchasing "LOBSTER" air riveter. To ensure correct operation, please read this instruction manual carefully, and keep it in a safe place for later reference.

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IMPORTANT SAFETY INSTRUCTIONS



- ◆ Be sure to read the following Important Safety Instructions carefully and make sure that you understand them thoroughly before using this tool.



- ◆ Always wear eye-protection at all times during use. If this is not observed, the rivet shaft (cut mandrel) may eject out when the rivets are cut and cause serious injury.



- ◆ This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

- ◆ The Important Safety Instructions are divided into **⚠ WARNING** and **⚠ CAUTION**. The differences between these two levels are described below.

⚠ WARNING : Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury to the operator.

⚠ CAUTION : Indicates a potentially hazardous situation which, if not avoided, may result in moderate injury to the operator or physical damage.

Moreover, failure to follow the instructions marked with the **⚠ CAUTION** symbol or cautions without a **⚠ CAUTION** symbol which appear in the text of this manual may also have serious results in some cases. Always be sure to observe the instructions given in the Important Safety Instructions.

- ◆ After reading this manual, keep it in a safe place where it is easily accessible to tool users.

⚠ WARNING

- 1. The air pressure should be kept within the range of 0.49 to 0.59 MPa (5 to 6 kgf/cm², 71 to 85 psi).**
 - If an air pressure which is greater than this is used, the tool may become damaged, and injury or damage to property may result.
- 2. Never look into the nosepiece of the tool, and never point the nosepiece toward other persons.**
 - If the tool is used while the rivet shafts (cut mandrels) are still inside the tool not being ejected, these shafts may be ejected from the tool's nosepiece during use and cause serious injury.
- 3. Always attach the tank unit before use.**
 - If this is not observed, the rivet shafts (cut mandrels) may be ejected when the rivets are cut and cause serious injury.
- 4. Be sure to remove the frame head when adding hydraulic oil through the cylinder.**
 - If the frame head is not removed before adding oil, excess oil may remain inside the tool, and damage to the tool or personal injury may result.
- 5. Make sure that the tool and the air source are connected securely.**
 - If the threads of the joints do not match or if the screws are not inserted far enough, the air hose may become disconnected during use and injury may result.
 - Use hose bands to securely connect the air hose joint and air hose. If they are not connected securely enough, the air hose may become disconnected during use and injury may result.
- 6. Turn off the air supply before disconnecting the tool from the air source.**
 - Compressed air may cause the air hose to whip around, and injury may result.
- 7. Check that all the tool parts are free from damage before use. Any damaged parts should be repaired before the tool is used.**
 - If the tool is used while any parts are still damaged, injury may result.
 - If the tool is damaged by objects being dropped onto it, for instance, the damaged part may break and accident or injury may result.
- 8. If using in elevated locations, use a safety harness, and take care to avoid dropping rivets or the tool itself.**
 - Accident or injury may result if this practice is not followed.

1. Always turn off the air supply before disassembling the tool for cleaning and maintenance purposes.

- If the tool is cleaned or disassembled with the air supply connected, injury may result.

2. Do not use the tool with the frame head removed.

- Items such as fingers may become caught in the mechanism.

3. Do not bring your face close to the air outlet holes.

- Pressurized air containing fine particles is discharged from the air outlet holes during use. Keep eyes away from this area.

4. Avoid skin contact with substances such as hydraulic oil, lubricating oil and grease.

- Such substances may cause inflammation of the skin. If they come into contact with your skin, wash the affected area thoroughly.

5. Make sure that the workplace is safe, clean and organized.

- Accidents can easily occur in untidy workplaces.
- If the cut-mandrels are allowed to fall onto the floor, you may slip on them, and injury may result.

6. Avoid uncomfortable postures while working.

- You may fall down and injury may result.

7. Keep people who are not involved in work away from the workplace.

- Accidents or injury may result.

8. Maintain the tool with due care.

- Refer to the Instruction Manual for details on replacing parts and attachments, otherwise injury may occur.
- Keep the grip clean and dry at all times, and never let it become greasy, otherwise injury may occur during use.

9. Use the tool carefully and concentrate on correct operation at all times.

- Use the tool with proper care, paying full attention to methods of handling and operation and surrounding conditions. Accidents and injury may result if this practice is not followed.
- Use common sense at all times, otherwise accidents or injury may result.
- When you are tired, do not use the tool, otherwise accidents or injury may result.

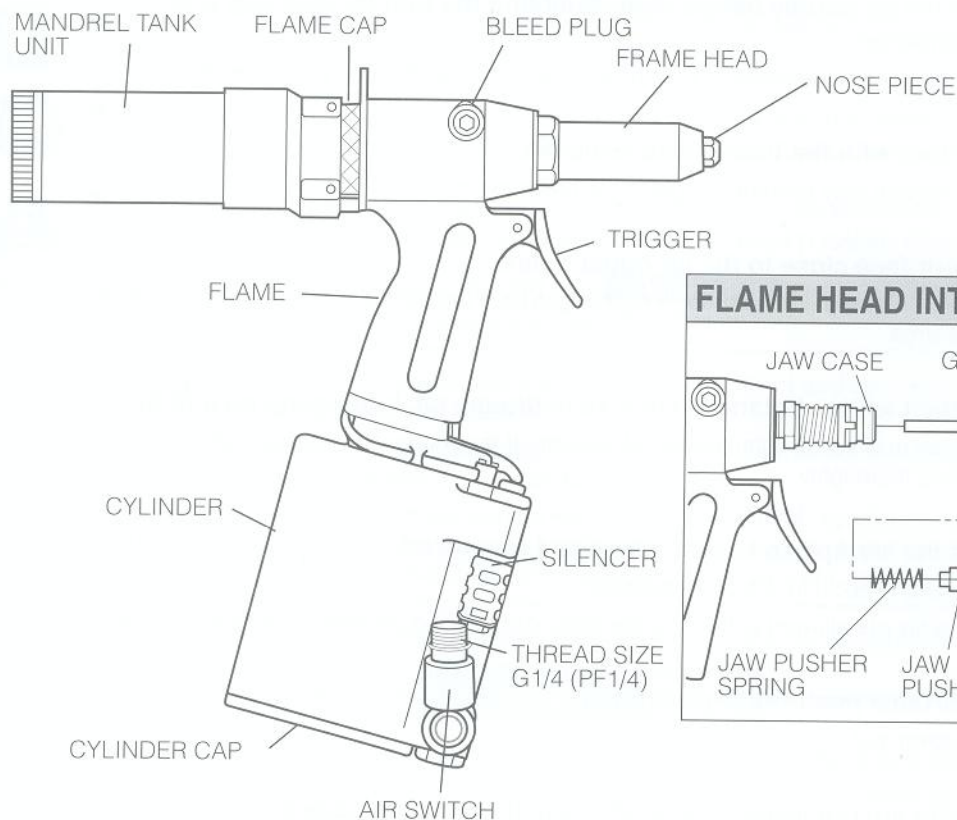
10. Ask Lobtex to carry out any repair work required.

- Repair work should only be carried out by a qualified technician. Please contact your nearest "LOBSTER" distributor, representative, or direct to Lobtex Co., Ltd., Osaka. If the tool is repaired by someone without the necessary qualifications and experience, the tool may not perform to optimum standards, and accidents or injury may result.

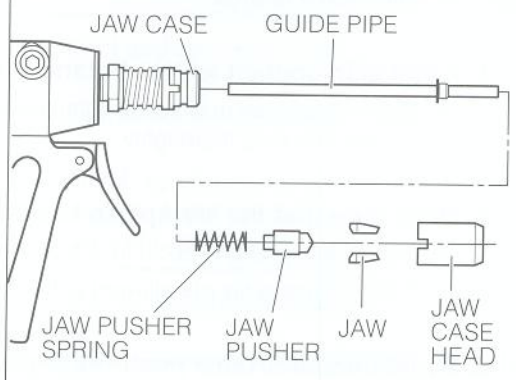
11. Do not attempt to modify the tool.

- Unauthorized modifications may cause malfunctions which can lead to accidents or injury.

NOMENCLATURE



FLAME HEAD INTERNAL PARTS



TECHNICAL DATA

| Model No. | ARV-041M |
|---|-------------------------|
| Weight kg (lbs) | 1.2 |
| Operating air pressure MPa (kgf/cm ²) [psi] | 0.49-0.59 (5-6) [71-85] |
| Dimensions (Length × Height × Width) mm | 225 × 271 × 80 |
| Air consumption per minute liter(c.ft.) | 100 (3.53) |
| Tool stroke mm (inch) | 16 (41/64) |
| Traction power at 0.59 MPa kN (kgf) | 8 (820) |
| Applicable rivets ϕ mm | 2.4, 3.2, 4.0, 4.8 |
| (rivet diameters) ϕ inch | 3/32, 1/8, 5/32, 3/16 |

- Product specifications and design are subject to change for improvement without notice.
- Weight and dimensions given are standard values. Actual products may differ slightly from the values given.

■ Air consumption calculation method

Use the following calculation method to obtain the required air consumption, and select the compressor accordingly.

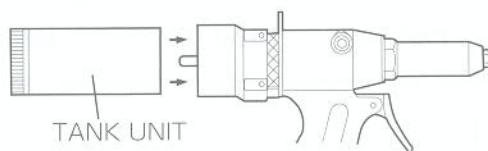
$$\text{Required air consumption} = \text{Air consumption per minute}$$

Make sure that this corresponds to the compressor discharge capacity (per minute).

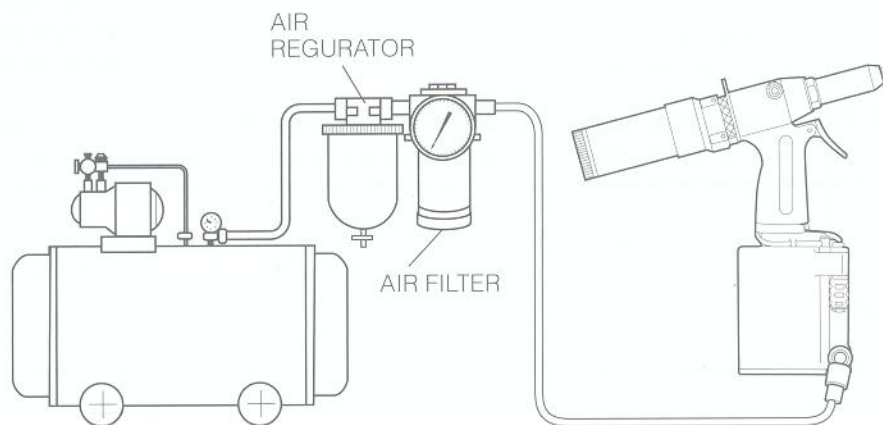
PREPARATION BEFORE USE

1 Install the tank unit to the tool.

- Fit the tank unit onto the riveter securely as shown in the illustration. **⚠ WARNING 3 (P.1)**



2 Set up the compressor, and be sure to install an air filter and air regulator between the compressor and the tool.



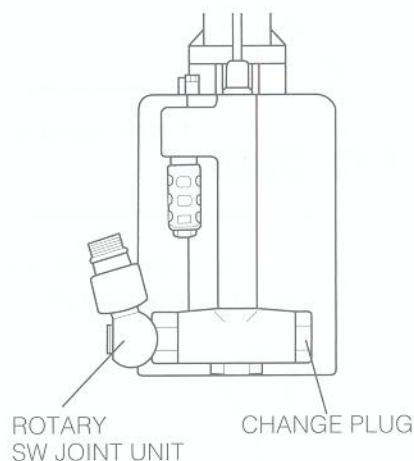
Either the left or right connector can be used. Be sure to insert the change plug into the connector which is not being used.

3 Use the air regulator to adjust the operating air pressure to 0.49 ~ 0.59 MPa (5 ~ 6 kgf/cm², 71 ~ 85 psi). **⚠ WARNING 1 (P.1)**

- If installing stainless steel rivets with a diameter of 4.8 mm (3/16") with the ARV-041M, set the air pressure to 0.54 ~ 0.59 MPa (5.5 ~ 6 kgf/cm², 78 ~ 85 psi).

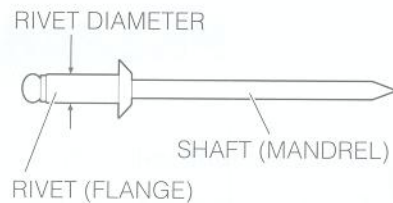
ATTENTION:








If the air pressure is too high, damage to parts may occur. If the pressure is too low, some size of the rivet may not be correctly installed (cut).



4 Replace the nosepiece and guide pipe as indicated below to conform to the size of the rivet being used.

Refer to "Jaw maintenance" on page 7 for details on replacing the guide pipe.



| Part No. | Rivet Dia. | Nosepiece | Guide Pipe | | |
|----------|----------------|---|--|--|--|
| ARV-041M | 2.4 mm (3/32") | 2.4  |  A (Yellow) |  B (Silvery) | |
| | 3.2 mm (1/8") | 3.2  | | | |
| | 4.0 mm (5/32") | 4.0  |  B (Silvery) | | |
| | 4.8 mm (3/16") | 4.8  | | | |

 Shaded areas indicate parts which are installed in the tool as standard accessories.

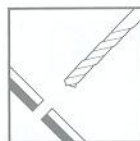
* If using the ARV-041M, either guide pipe A or guide pipe B can be used for 3.2 mm (1/8") diameter rivets.

OPERATING THE AIR RIVETER

1 Select a rivet of a size which is suitable for the workpiece to be riveted.

2 Replace the nosepiece with one which matches the size of the rivet to be used.
(Refer to item **4** in "Preparation Before Use" on page 5.)

3 Drill a hole of appropriate size (0.1 to 0.2 mm larger than the diameter of the rivet) into the workpiece.



4 Turn the air switch to switch on the vacuum system. Insert the shaft (mandrel) of the rivet into the tool's nosepiece.



ATTENTION:

Some rivets have shafts (mandrels) with sharp ends. Be careful not to injure your fingers on these ends.



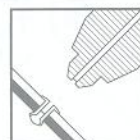
5 After inserting the shaft (mandrel) of the rivet into the nosepiece, insert the head of the rivet into the hole.



6 Gently press the nosepiece of the air riveter against the workpiece. After checking that there is no gap between the nosepiece and the workpiece, press the trigger.



7 The rivet will be installed into the workpiece.



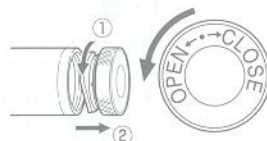
8 Release the trigger. The cut mandrel (shaft) will then be drawn into the tank unit.

NOTE: Make sure that the cut mandrel has been completely removed before proceeding to the next riveting.

⚠ WARNING 3 (P.1)

9 Once the tank unit is about half full, turn the tank cap at the end of the tank in the OPEN direction to remove the cap. Then empty out the cut mandrels from inside the tank unit.

NOTE: It is strongly recommended to dispose of the spent mandrels as soon the Mandrel collection tank become half filled. Failure to do this, jamming of the spent mandrels inside the Guide Pipe will occur and the vacuum will cease to function, resulting in a back flow of air from the Nosepiece.



MAINTENANCE

After long periods of use, debris from rivet shafts (mandrel) and other foreign materials tend to build up in various parts of the tool, and the hydraulic oil level also drops, both of which can lead to operating problems. The tool should be cleaned periodically.

1 Jaw maintenance

Also refer to this section when replacing parts.

- If debris builds up, the jaws will not move smoothly and normal operation will not be possible.
- The jaws should be cleaned on average once every 3,000 riveting operations.

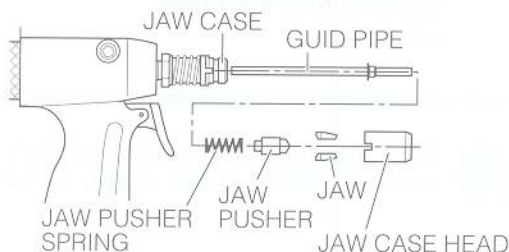
1 Turn off the air supply.

⚠ CAUTION 1 (P.2)

2 Use a spanner or similar tool to remove the frame head.

⚠ CAUTION 2 (P.2)

3 Pull backwards the jaw case collar to loosen and remove the jaw case head, and then remove the guide pipe, the jaw pusher spring, jaw pusher and jaws.



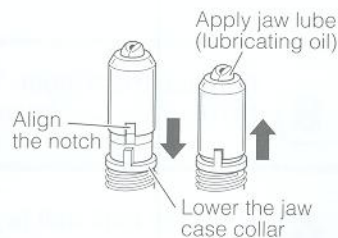
4 Use a brush or similar to clean all parts.



5 Reassembly by following the disassembly procedure in reverse. Tighten the jaw case head fully, and then turn it back so that the notch is aligned with the tab on the jaw case collar, and move the collar in place.

☑ Apply "LOBSTER" brand jaw lube (sold separately) to the backs of the jaws.

6 In the case of the ARV-041M, the jaw case and jaw case lock nut do not need to be removed during maintenance. If they are removed by mistake, replace them so that the distance matches those shown in the illustration at right.

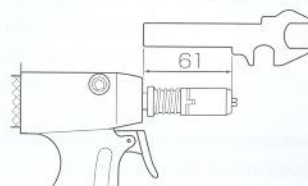


7 Use a spanner A to install the Frame head securely.

NOTE:

- When re-assembling, be sure to apply a lubricant such as grease to all moving and sliding parts.
- Be careful not to leave out any parts, and tighten all connections securely.
- The jaws are consumable parts, and they should be replaced periodically.

<Jaw case setting position>



2 Cleaning and filling the cylinder

⊙ If foreign materials build up in the cylinder, it will not operate smoothly and service life will be reduced.

DISASSEMBLY

1

Turn off the air supply.

⚠ CAUTION 1 (P.2)

2

Use a spanner A to remove the frame head.

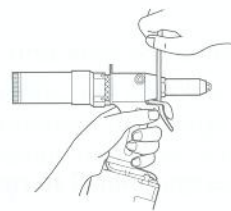
⚠ WARNING 4 (P.1)

Be sure to remove the frame head when adding hydraulic oil through the cylinder.

3

Use a spanner A to remove the cylinder cap and pull-out the air piston straightly using suitable pliers.

☑ Hold the frame vertical, as the hydraulic oil will spill out if it is tipped sideways.



CLEANING

4

Use a rag, brush or similar to clean all parts.



FILLING OIL

5

Fill with hydraulic oil until just before the oil starts running out from the filling hole.



GREASE

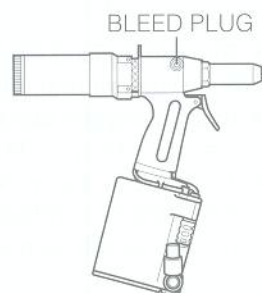
RE-ASSEMBLY

6

Apply grease to the inside of the cylinder and to the O-ring and shaft of the piston and then reassemble by following the disassembly procedure in reverse.

7

After all parts have been reassembled, install frame head securely using a spanner A.



BLEED PLUG

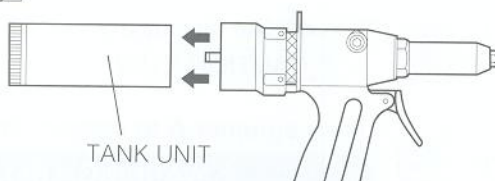
NOTE:

- Be careful not to allow any debris or other foreign materials get into the hydraulic oil or the cylinder during disassembly and re-assembly.

3 Cleaning the nozzle

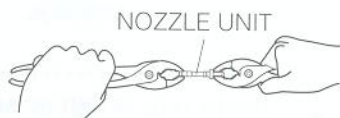
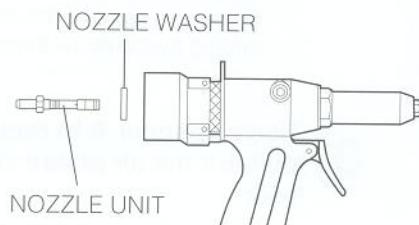
1 Turn off the air supply. **⚠ CAUTION 1 (P.2)**

2 Remove the tank unit.

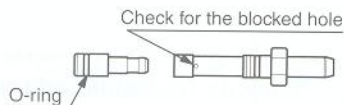


3 Use a spanner C to remove the nozzle unit.

4 Disconnect the joint part of the nozzle unit using a plier. Clean the hole of nozzle B and the top part of nozzle A.



5 Use a brush or similar tool to clean the nozzle. Check for the blocked hole.



6 Reassemble by following the disassembly procedure in reverse.

☑ Apply grease to each O-ring before installing them.

STORAGE

- Store in a place which is well-ventilated and free from excessive dust and humidity, and where there is no danger that the tool will fall.
- If not using the tool for an extended period of time, carry out a maintenance inspection before storing it away. (Refer to "Maintenance" on pages 7 ~ 9.)
- To increase the working life of the tool, it is recommended that you give it periodic overhauls. Contact the place of purchase or your nearest "LOBSTER" dealer for any overhauls and repair work required. (A charge will be made for this service.)

HYDRAULIC OIL REQUIREMENTS

Use only clean hydraulic oil, as the viscosity of the oil used will affect tool performance.

"LOBSTER" brand Hydraulic Oil is supplied in a plastic filler bottle with the tool, and can also be obtained from your "Lobster" dealer or agent in your town. If this is not possible, a good quality mineral oil with the following properties should also be used.

| | |
|--------------------|---------------|
| Viscosity ISO | : VG46 |
| Viscosity Index | : 113 |
| Viscosity at 40°C | : 46 c.s.t. |
| Viscosity at 100°C | : 7.06 c.s.t. |
| Flash Point | : 228 |

RECOMMENDED OILS are:

| |
|------------------------------|
| Shell Tellus No. 46 |
| Esso Teresso No. 46 |
| Mobil D.T.E. 25 Oil (Medium) |

TROUBLESHOOTING

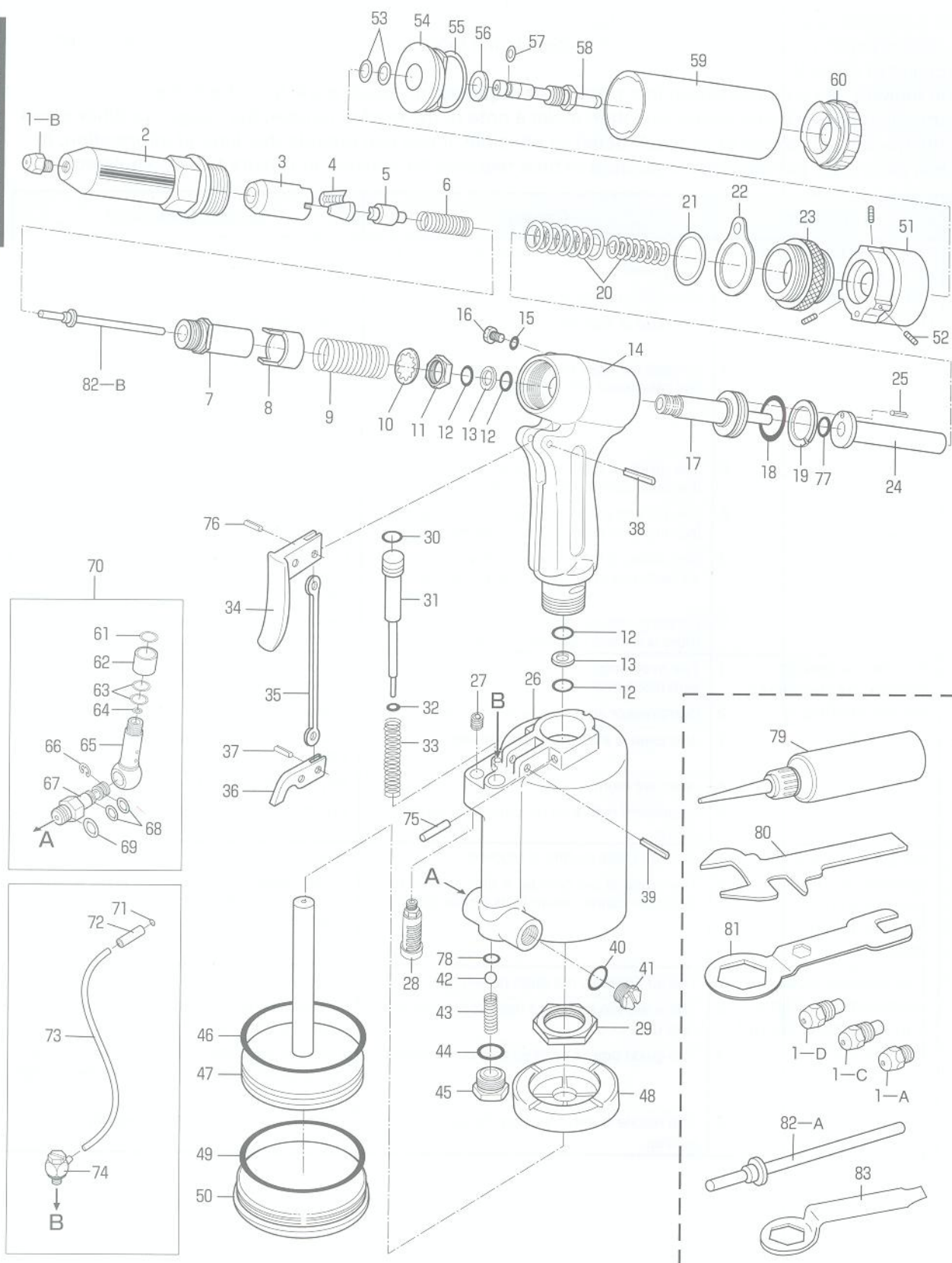
If a problem occurs, check the following.

If the problem persists after checking the items in the table below, contact your nearest "LOBSTER" dealer or direct to us.

In making any enquires about this product or requests for repair work, first check the troubleshooting items below, and then make a note of the model number, the usage conditions and the trouble symptoms in as much detail as possible. If you can provide this kind of information, it will contribute to reducing the amount of time required for delivery or repairs to be completed.

| Symptom | | Cause | Countermeasure |
|---|---|--|---|
| The rivet does not go in, or the shaft does not come out after riveting. | 1 | Incorrect combination of replacement parts being used. | Replace with the correct part which matches the rivet size. (Refer to page 5.) |
| | 2 | Nosepiece or frame head is loose. | Use a spanner A to tighten securely. |
| | 3 | Jaw case is incorrectly assembled. | Check the jaw case setting position. (Refer to page 7.) |
| | 4 | Contact surfaces between the jaws and the jaw case head are not smooth. | Clean the jaws and inside the jaw case head, and apply "LOBSTER" brand jaw lube (or spray-type lubricating oil or the accessory hydraulic oil) to the backs of the jaws. (Refer to page 7.) |
| | 5 | The inside of the frame head is dirty so that the jaws cannot open properly. | Clean the inside of the frame head and the jaws. (Refer to page 7.) |
| | 6 | The tail end of the nosepiece is damaged so that the jaws cannot open properly. | Replace the nosepiece. |
| | 7 | The inside of the cylinder is dirty so that the air piston cannot return to its proper position. | Clean inside the cylinder, and apply grease inside the cylinder and to the O-ring. (Refer to page 8.) |
| | 8 | Oil filling was not performed correctly, so that there is excess hydraulic oil inside the tool. | Refill the hydraulic oil after remove the frame head. (Refer to page 8.) |
| Number of switch operations increases before riveting is complete. | 1 | The rivet length is not correct for the workpiece thickness. | Use rivets which match the workpiece thickness. |
| | 2 | Compressor air pressure is incorrect. | Check the air pressure. (Refer to page 4.) |
| | 3 | Jaw case is incorrectly assembled. | Check the jaw case setting position. (Refer to page 7.) |
| | 4 | Jaws are worn. | Replace the jaws. (Refer to page 7.) |
| | 5 | Insufficient hydraulic oil, causing a shorter stroke. | Add hydraulic oil. (Refer to page 8.) |
| Piston does not operate, or returns very slowly, or operation is not smooth. | 1 | Air outlet hole muffler is blocked. | Replace the muffler. |
| | 2 | The inside of the cylinder is dirty so that the air piston cannot return to its proper position. | Clean inside the cylinder, and apply grease inside the cylinder and to the O-ring. (Refer to pages 8.) |
| The suction power is weak and the shafts (cut mandrels) cannot be drawn out. | 1 | The air switch is not open far enough. | Turn the air switch. |
| | 2 | There are too many cut mandrels inside the tank unit. | Remove the tank cap and empty out the cut mandrels from inside the tank unit. |
| | 3 | The guide pipe is blocked with cut mandrels. | Take out the guide pipe and remove the cut mandrels which are blocking it. (Refer to page 7.) |
| | 4 | The nozzle is dirty, causing the suction power to drop. | Clean the nozzle. (Refer to page 9.) |

ARV-041M PARTS TABLE



| Index No. | Part name | Code No. | Index No. | Part name | Code No. |
|-----------|-------------------------------|----------|-----------|-------------------------------|----------|
| 1-A | Nosepiece 'S' 2.4 (3/32) | 10027 | 42 | Valve (Steel ball 8.0) | 10247 |
| 1-B | Nosepiece 'S' 3.2 (1/8) | 10028 | 43 | Valve spring | 10444 |
| 1-C | Nosepiece 'S' 4.0 (5/32) | 10029 | 44 | O-ring S-14 | 10152 |
| 1-D | Nosepiece 'S' 4.8 (3/16) | 10030 | 45 | End plug | 14073 |
| 2 | Frame head | 29332 | 46 | O-ring P-60 | 10134 |
| ③ | Jaw case head | 10280 | 47 | Air piston | 46319 |
| ④ | Ultra Jaws (pair) 'M' | 10281 | 48 | Bumper (Rubber cushion) | 29736 |
| ⑤ | Jaw pusher | 10132 | 49 | O-ring G-70 | 10080 |
| ⑥ | Jaw pusher spring | 10133 | 50 | Air cylinder cap | 45692 |
| ⑦ | Jaw case | 10279 | 51 | Frame cap 'B' | 45694 |
| 8 | Jaw case collar | 10286 | 52 | Hexagon socket set screws M4 | 10269 |
| 9 | Collar spring | 10287 | 53 | O-ring P-10 | 10274 |
| 10 | Lock washer | 10148 | 54 | Tank joint unit (with O-ring) | 45696 |
| 11 | Jaw case lock nut | 10113 | 55 | O-ring P-30 | 14445 |
| 12 | O-ring P-12 | 10128 | 56 | Lock washer | 10258 |
| 13 | B-ring P-12 | 10129 | 57 | O-ring S-5 | 10276 |
| 14 | Frame unit (includes 12 & 13) | 45687 | 58 | Nozzle unit (with O-ring) | 14230 |
| 15 | Pacd seal 6 mm | 10355 | 59 | Mandrel tank | 29674 |
| 16 | Bleed plug | 29337 | 60 | Tank cap | 29703 |
| 17 | Oil piston | 10241 | 61 | O-ring P-11 (Urethane) | 40504 |
| 18 | O-ring P-22A | 10130 | 62 | Switch tube | 40473 |
| 19 | B-ring P-22A | 10131 | 63 | O-ring P-14 (4D) | 40508 |
| 20 | Return spring | 14200 | 64 | Steel ball | 12355 |
| 21 | O-ring S-26 | 10153 | 65 | Rotary SW joint | 40472 |
| 22 | Hanger clip | 10106 | 66 | Retaining ring E-7 | 10285 |
| 23 | Frame cap | 10240 | 67 | Nipple | 42479 |
| 24 | Adaptor | 10252 | 68 | O-ring P-7 | 10149 |
| 25 | Spring pin 2.5 × 5 | 12116 | 69 | O-ring S-10 | 10151 |
| 26* | Air cylinder | 45689 | 70 | Rotary SW joint unit | 45697 |
| 27 | Plug | 14359 | 71 | O-ring S-4 | 29664 |
| 28 | Silencer | 14355 | 72 | Collar | 45698 |
| 29 | Frame lock nut | 10112 | 73 | Polyurethane tube φ4 × 195 | 45699 |
| 30 | O-ring P-7 | 10149 | 74 | Miniature elbow | 42837 |
| 31 | Valve pusher | 12121 | 75 | Slotted pin 4 × 31 | 14154 |
| 32 | O-ring P-4 | 10454 | 76 | Spring pin 3 × 6 | 10147 |
| 33 | Valve pusher spring | 12132 | 77 | O-ring S-6 | 10220 |
| 34 | Trigger | 10135 | 78 | O-ring P-5 | 12120 |
| 35 | Trigger connector rod | 10120 | 79 | Hydraulic oil (In a bottle) | 10012 |
| 36 | Trigger lever | 10119 | 80 | Spanner 'B' | 29642 |
| 37 | Spring pin 3 × 7.2 | 23595 | 81 | Spanner 'A' | 10141 |
| 38 | Spring pin 3 × 22 | 10144 | 82-A | Guide pipe 'A' | 14238 |
| 39 | Spring pin 3 × 18 | 10145 | 82-B | Guide pipe 'B' | 14234 |
| 40 | O-ring S-10 | 10151 | 83 | Spanner 'C' | 10250 |
| 41 | Change plug (with O-ring) | 46305 | | | |

*1 Part no.26 includes part no. 27.

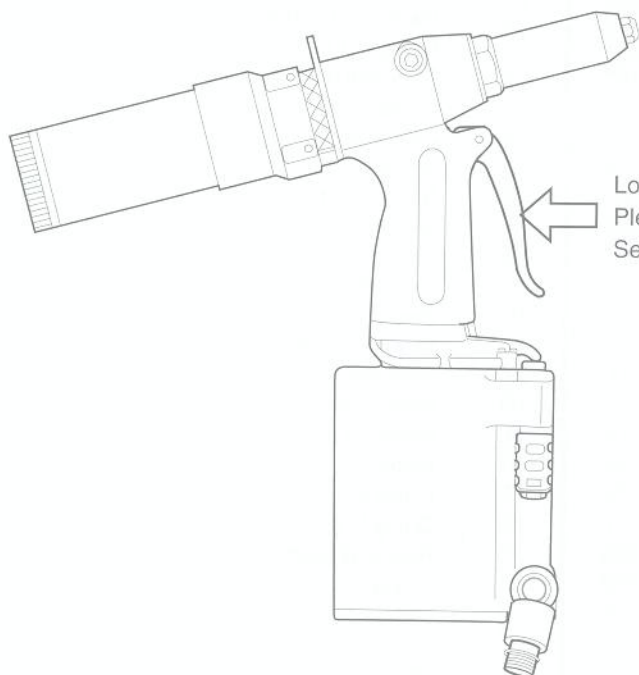
◎Parts with circled Index No. are consumable parts. They should be replaced periodically.

ORDERING PARTS

Indicate the tool model, part name, code no. and quantity as shown below when ordering.

| Model | Part Name | Code No. | Qty. |
|----------|-----------------------|----------|------|
| ARV-041M | Ultra Jaws (pair) 'M' | 10281 | 1 |
| ARV-041M | Frame head | 29332 | 1 |

* When parts are modified for improvement, the older parts are kept in stock for a period of five years.



Long Trigger is available as the optional part. Please indicate "Code No. 8164 Long Trigger Set" when ordering.



Index No. 14 Frame, 26 Air Cylinder, 47 Air Piston and 50 Air Cylinder Cap of this air riveter are made of magnesium alloy. Magnesium alloy is excellent at recycling efficiency and can be used as the post-consumer material. We appreciate your cooperation on recycling of limited resources.

WARRANTY & SERVICE

LOBSTER® WARRANTS THAT GOODS COVERED BY THIS MANUAL WILL CONFORM TO APPLICABLE SPECIFICATIONS AND DRAWINGS AND THAT SUCH GOODS WILL BE MANUFACTURED AND INSPECTED ACCORDING TO GENERALLY ACCEPTED PRACTICES OF COMPANIES MANUFACTURING INDUSTRIAL TOOLS. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE FOREGOING.

THE LIABILITY OF LOBSTER® ON PARTS FOUND TO BE DEFECTIVE IS LIMITED TO RE-WORK OR THE REPLACEMENT OF SUCH GOODS AND IN NO CASE TO EXCEED THE INVOICE VALUE OF THE SAID GOODS. UNDER NO CIRCUMSTANCES WILL LOBSTER® BE LIABLE FOR DAMAGES OR COSTS INCURRED BY THE BUYER OR SUBSEQUENT USER IN REPAIRING OR REPLACING DEFECTIVE GOODS.

ROUTINE MAINTENANCE AND REPAIR OF LOBSTER® RIVET TOOLS CAN BE PERFORMED BY AN AVERAGE MECHANIC. HOWEVER, IF YOU HAVE A LOBSTER® RIVET TOOL THAT IS IN NEED OF MAJOR REPAIR WE RECOMMEND THAT IT BE SENT DIRECTLY TO US POSTAGE PAID FOR SERVICE AT A REASONABLE CHARGES.

MANUFACTURER

LOBTEX CO.,LTD.

OSAKA, JAPAN

取扱説明書正誤表

この度はエビ印エアリーベッターARV-041Mをお買いあげいただき誠にありがとうございます。
当説明書内の記述に誤りがありますため、以下参照いただき、訂正していただきますようお願い申し上げます。

株式会社ロブテックス

| ページ | 行数 | 記述(誤) | 記述(正) |
|-----|----|-------------------|-------------------|
| 12 | | 78 Oリング P-5 12120 | 78 Oリング P-6 10150 |

List of Errata

Thank you very much for your purchase of "LOBSTER" brand Air Riveter ARV-041M.
In this instruction manual, some wrong descriptions are shown. Following is the list of errata.

| Page | Line | Wrong Description | Correct Description |
|------|-----------------|-------------------|---------------------|
| 12 | Index No. 78 | O-ring P-5 12120 | O-ring P-6 10150 |