



CUSTOM PRODUCTS & SERVICES INC.

6286 Claude Way E., Inver Grove Heights, MN 55076-4435

PH: 888-444-1202 (Toll Free) or 651-452-0113 Fax: 651-452-2264



TAB BENDER TOOL

FOR FOLDING LOCKING TABS ON RAILCAR AXLE BEARING CAPS

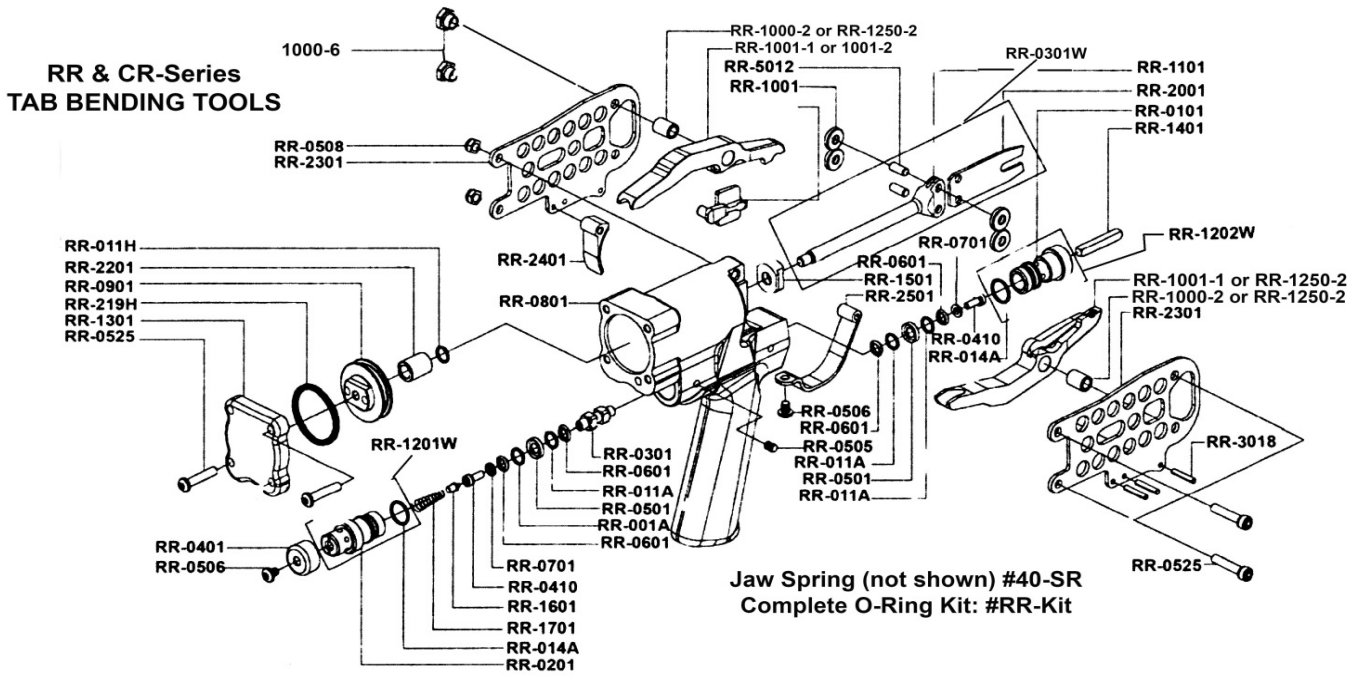
TOOL SPECIFICATIONS CHART

MODEL #	FREIGHT AXLE	CAP SCREW SIZE	PASSANGER AXLE CLASS	LOCOMOTIVE AXLE CLASS	LENGTH	WEIGHT
RR-500		1/2"			9-1/2"	3.2LBS
RR-625		5/8" & 3/4"			9-1/2"	3.2LBS
RR-875	Class D 50 Tons	7/8"	E, F/EE, G	GG	9-1/2"	3.2LBS
RR-1000	Class E, F 100 Tons	1" & 1-1/8"		G	9-1/2"	3.2LBS
RR-1250	Class G 125 Tons	1-1/4"			9-1/2"	3.2LBS

EMAIL: INFO@CUSTOM-PRODUCTS.COM
 WEBSITE: WWW.CUSTOM-PRODUCTS.COM
 "YOUR SOURCE FOR WORKPLACE SOLUTIONS"

UPDATED PARTS LIST AND SCHEMATIC - SEPTEMBER 2019

DRWG #	DESCRIPTION	QTY	DRWG #	DESCRIPTION	QTY
40-SR	Jaw Spring	1	RR-1000-2	Bushing for RR-1000 only	2
RR-0101	Trigger Valve Guide-Front	1	RR-1000-6	Nyloc Nut	2
RR-011A	O-Ring	1	RR-1001	Rollers	4
RR-014A	O-Ring	2	RR-1101	Rod Piston	1
RR-0201	Trigger Valve Guide -Rear	1	RR-1201-W	Trigger Valve Guide Assy - Rear	1
RR-0301	Trigger Valve Seat	1	RR-1202-W	Trigger Valve Guide Assy - Front	1
RR-0301-W	Driver Assembly	1	RR-1250-1	Crimping jaws for RR-1250	2
RR-0401	Exhaust Cap	1	RR-1250-2	Bushing for All tools except 1000	2
RR-0410	Hex Set Screw	2	RR-1301	Cylinder End Cap	1
RR-0501	O-Ring	2	RR-1401	Trigger Stem	1
RR-0505	Hex Set Screw	2	RR-1501	Bumper - Alum or brass	1
RR-0506	Button Head Bolt	2	RR-1601	Spring Seat	1
RR-0508	Nylock Nut	2	RR-1701	Internal Compression Spring	1
RR-0525	Hex Set Screw	2	RR-2001	Driver	1
RR-0601	O-Ring Cap	4	RR-2201	Nut Guide	1
RR-0701	Spacer	2	RR-2301	Side Plate	2
RR-0801	Tool Body	1	RR-2401	Trigger	1
RR-0901	Piston End Nut	1	RR-2501	Trigger Guard	1
RR-1000-1	Crimping jaws for RR-1000	2	RR-3018	Spring Pin	1
RR-1000-2	Bushing for RR-1000 only	2	RR-5012	Roller Pin	2
			RR-Kit	RR-O-Ring Kit	1



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These pneumatic tools are designed to bend tabs on railroad wheels. They are well balanced and ergonomic. Specifically designed for bending tabs on railroad wheel nuts. Any other application please consult the factory.

SAFETY INSTRUCTIONS

1. Read this manual and understand all safety instructions before operation of the tool. If you have questions please contact Custom Products and Services Inc.
2. Only those tabs and nuts listed in the operating instructions are to be bent with the tool specific to the size. Any other use may damage tool or cause harm to operator.
3. Only the main energy (air supply) and lubricants listed in the instructions may be used.
4. For maintenance of the tab bender only spare parts and jaws specified by Custom Products and Services shall be used.
5. Repairs to be carried out by Custom Products and Services Inc.
6. Tab bending tools operated by compressed air shall only be connected to compressed air lines where the maximum allowable pressure CANNOT be exceeded by a factor of more than 10%. This can be achieved by a pressure reduction valve which includes a downstream safety valve.
7. When using the tab bender operated by compressed air, particular attention must be paid to avoid exceeding the maximum allowable pressure.
8. Tab bender should be operated at the lower possible air pressure to perform the task at hand. This will help avoid unnecessary noise levels, increased wear and resulting failures.
9. There is possibility of fire and explosion when using oxygen or combustible gases for operating compressed air driving tab bender.
10. Carry tab bender using only the handgrip and never by trigger or with trigger actuated. Never carry the tool by the hose or pull hose to move the tool.
11. Disconnect the tool from air supply before cleaning, servicing, adjusting and during non-operation.
12. Wear eye protection. 
14. Do not use a check valve or any other fitting which allows air to remain in tool.
15. Do not place hand or any part of your body in the jaw area of the tool when connecting or disconnecting air supply. 
16. Never point tool at yourself or at any other person.

AIR SUPPLY AND CONNECTION

1. 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.
2. Many air tool users find it convenient to use a filter to remove liquid and impurities which can rust or wear internal parts of the tool. A filter also increases the efficiency and life of the tool. The filter must be checked on a daily basis and drained if necessary.
3. For better performance, install a 3/8" quick connector (1/4" NPT threads) with inside diameter of 0.315" on your tool and 3/8" quick coupler on the air hose.

LUBRICATION AND MAINTENANCE

1. Disconnect the air supply from the tool before lubricating.
2. Your tool requires lubrication before you use it the first time.
3. Wipe off excessive oil at the exhaust. Excessive oil will damage O'rings of tool. If in-line oiler is used, manual lubrication through air inlet is not required on a daily basis.
4. Turn the tool so the inlet is facing up and put one drop of high speed spindle oil or sewing machine oil into air inlet. NEVER use detergent oil or additives. Operate the tool briefly after adding oil.

OPERATING THE TOOL



1. Protect your eyes and ears. Wear z87.1 safety glasses with side shields. Wear hearing protection. Employers and users are responsible for ensuring the user or anyone near the tool wear proper safety protection.
2. Check and replace any worn components on the tool.
3. Add a few drops of lubricating oil into the air inlet.
4. Attach a high flow quick connect fitting to the tool.
5. Connect the tool to an air compressor using a 3/8" I.D. hose. Make sure the hose has a rated working pressure exceeding 200 PSI (13.8 bar) and a female quick coupler.
6. Regulate the air pressure to obtain 70 PSI (4.8 bar) at the tool.
7. Test for proper bending of the tab. Adjust the air pressure to achieve proper bend. Do not exceed 110 PSI (7.6 bar) at the tool.

CLEANING THE TOOL

1. 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.
2. Disconnect the air supply from tool when repairing or cleaning.
3. Jaws should be kept clean. ALWAYS clean or service with air supply disconnected from tool.

TOOL SPECIFICATIONS

TOOL LENGTH—9.50"

TOOL HEIGHT—7.0"

TOOL WIDTH—1-3/4"

WEIGHT—3.2 lbs. (1.45 kg)

AIR INLET—1/4" NPT

COMPRESSED AIR:

Max. Permissible Operating Pressure—110 PSIG (7.5 bar)

Recommended Operating Pressure—95-110 PSI (6.5—7.5 bar)

Air Consumption—0.052 scfm @ 90 psi (6.2 bar)