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AIR DRIVE ROLL FEED CARTON STAPLER MODEL: H-1031

MANUAL

WARNING

Before operating this stapler familiarize yourself with the safety warnings and instructions in this manual. Keep these instructions with the stapler for future reference. If you have any questions, contact Uline at 1-800-295-5510





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Table of Contents

[Tool Specifications](#)
[Safety Instructions](#)
[Lubrication & Maintenance](#)
[Air Supply & Connections](#)
[Loading the Tool](#)
[Checking the Staple Leg Length](#)
[Clinch Adjustment](#)
[Depth Adjustment](#)
[Tool Operation](#)
[Cleaning the tool](#)
[Clearing Tool Jams](#)
[Troubleshooting](#)
[Teeth Replacement](#)
[Driver Replacement](#)
[Valve & Tube O-Ring Replacement](#)
[Piston Replacement](#)



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Tool Specifications

Model of Tool	H-1031 RAIB-19-RR
Dimensions: LxHxW	9x9x4.5
Weight (without Fasteners)	5.5lbs
Compressed Air:	
Maximum PSI:	110 psi
Recommended Operating Pressure:	71-100 PSI
Air Consumption:	2.4 CFM
Staple Specification:	S-860 RR1 58
Staple Specification:	S-861 RR1 34
Staple Capacity:	1000 pieces
Noise Levels:	89dBA

[Back to Top](#)



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SAFETY INSTRUCTIONS

1. Read the manual and understand all safety instructions before operating the tool. If you have questions, contact Uline at 1-800-295-5510.
2. Never use flammable gases as a power source for the stapler. Only use filtered, compressed air.
3. Never use gasoline or other flammable liquids to clean the stapler. Vapors left on the stapler could ignite and cause the tool to explode
4. Do not exceed 110 PSI of air pressure when operating the stapler.
5. Disconnect the stapler from the air supply before making adjustments, cleaning or clearing jams and when not in use.
6. Do not pull the trigger when carrying or holding the stapler.
7. Never carry the stapler by the hose or pull on the hose to move the stapler.
8. Always wear protective equipment, i.e. safety glasses, hearing protection and head protection.
9. Do not use a check valve or any other fitting which allows air to remain in the stapler.
10. Do not place your hand or any other body part in the staple clinching area or adjustment window when connecting or disconnecting the air supply.
11. Never point the stapler at yourself or anyone else.

[Back to Top](#)



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Lubrication & Maintenance:

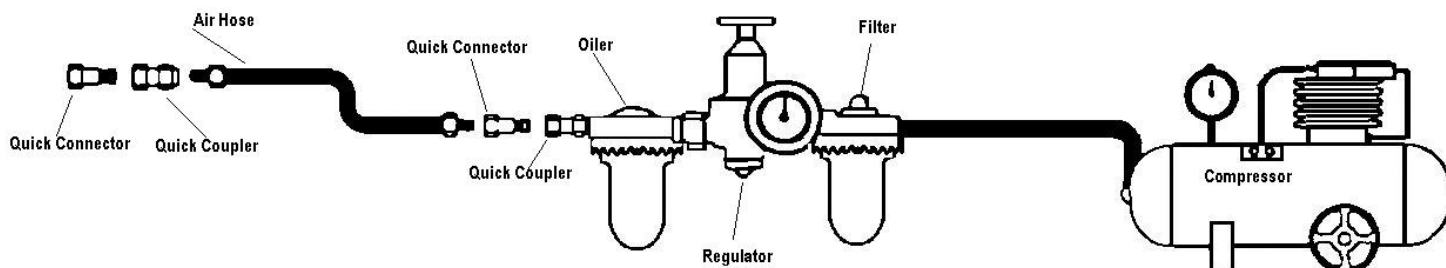
1. Lubricate the stapler prior to initial operation.
2. Disconnect the stapler from the air supply prior to servicing.
3. Turn the stapler so that the inlet is facing up and put one drop of high-speed spindle oil, UNOCOL RX22, or 3-in-1 oil into air inlet. Never use detergent oil or additives.
4. Operate the tool briefly after adding oil.
5. Wipe off excessive oil at the exhaust. Excessive oil will damage the O-rings. If inline oiler is used, manual lubrication through the air inlet is not required on a daily basis.

[Back to Top](#)

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 life of the stapler.



Many air tool users find it convenient to use an inline oiler to provide oil circulation through their tool. Check oil level in the oiler daily.

A filter is recommended on your air compressor. Check the filter and drain on a daily basis.

[Back to Top](#)



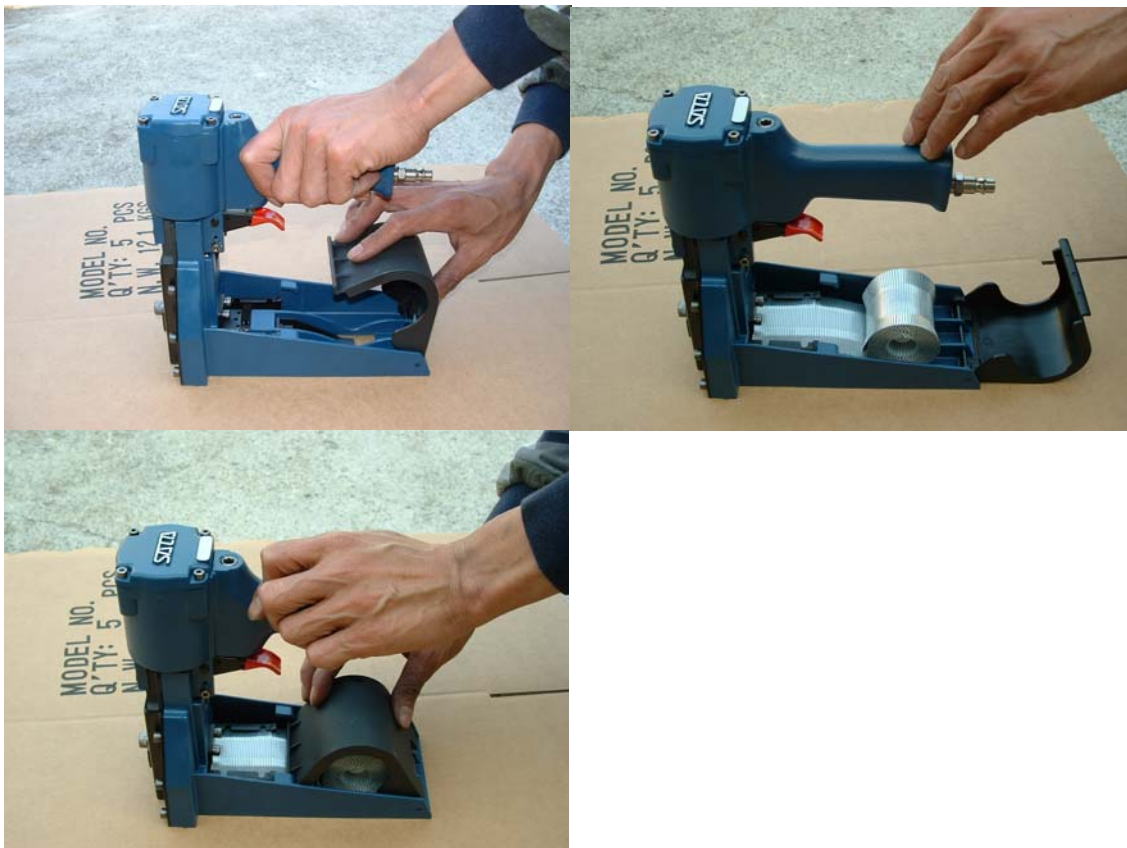
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Loading the Tool

1. Disconnect the air supply.
 2. Slightly squeeze cover back then pull top cover open.
 3. Place coil staples in magazine. Feed front end of coil staples into right coil guide, left coil guide and top guide. Push forward until stopping in driver guide unit.
 4. Swing cover closed and squeeze to snap closed.
- Note: Check position engagement



[Back to Top](#)



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Staple Leg Length

1. Loosen the set screw with a 3mm Allen wrench.
2. Turn adjusting rod 180° with a screw driver to the desired setting.
3. For 3/4" Staples set L up.
 - a. Loosen Round Head screw with screw driver.
 - b. Move right coil guide and left coil guide out. Then tighten the screw.
4. If you are using 5/8" staples set S up
 - a. Loosen Round Head screw with screw driver.
 - b. Move right coil guide and left coil guide in. Then tighten the screw.



[Back to Top](#)



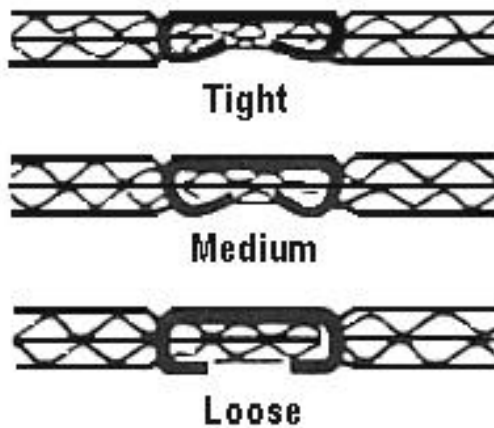
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Clinch Adjustment

Use 2.5 mm Allen wrench and turn collar through window clockwise to tighten the clinch.



[Back to Top](#)



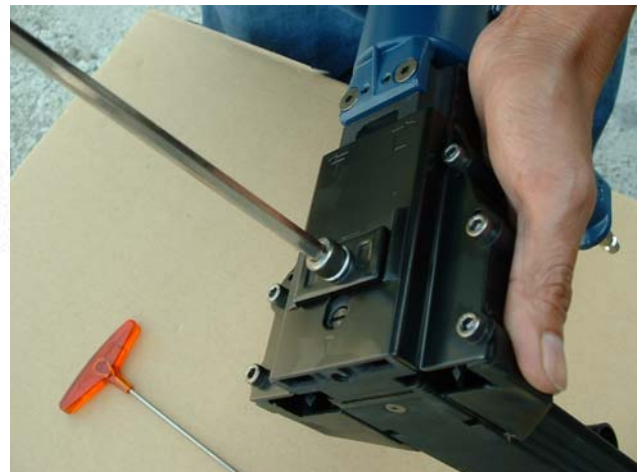
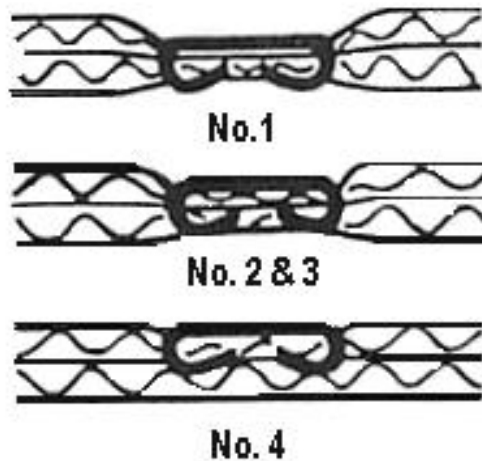
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Depth Adjustment

1. Loosen front screw with a 6mm Allen wrench.
2. Push the body up and adjust to the desired depth.
3. When the top edge of the adjustment plate is at it's highest setting the teeth are at their shallowest penetration. If set at No.1 the teeth are at their deepest penetration.



[Back to Top](#)



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Operating Instructions

1. Protect your eyes and ears. Wear:
 - a. Safety glasses with side shields
 - b. hearing protection.Ensure that anyone in the vicinity wears safety protection.
2. To prevent accidental injuries never place a hand or any other body part in the staple clinching area or adjustment window.
3. Never point the stapler towards you or anyone else.
4. Always handle the stapler with care. Never pull the trigger unless tool is ready for operation.
5. Check and replace any damaged or worn components on the stapler.

Warning

1. Add a few drops of oil into the air inlet.
2. Install a quick connect fitting to the tool.
3. Regulate the air pressure to attain 70-100 psi.
4. Insert the staples into the tool following the loading instructions.
5. Reconnect the air hose to the tool.
6. Grasp the handle with one hand on box in line with the desired staple location.
There is a small projection on either side of the magazine seat as an aid in locating the position of the staple.
7. The strongest closure requires staples close to the ends of the box.

[Back to Top](#)



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Cleaning the Tool

Danger

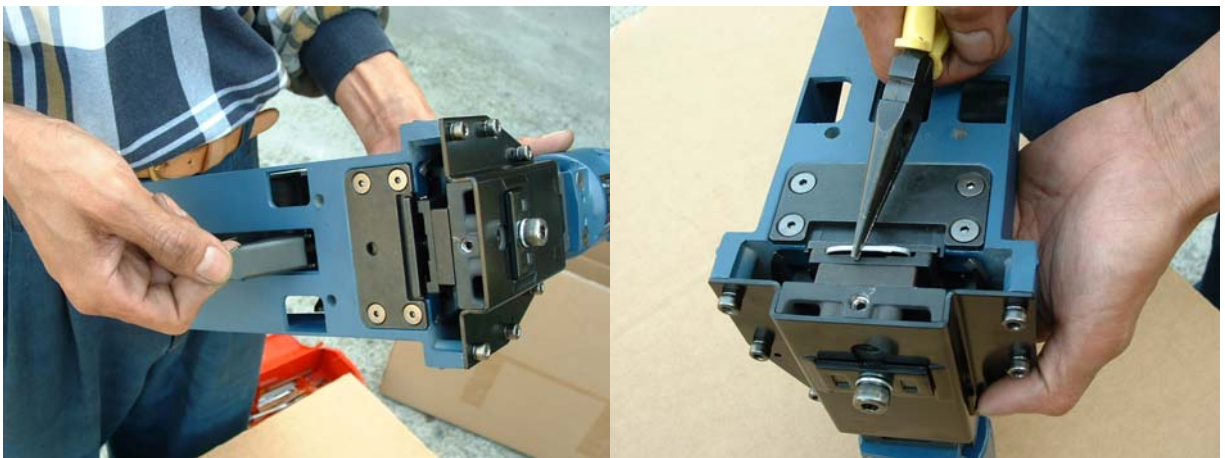
Never use gasoline or other flammable liquids to clean the stapler.
Vapors in the stapler could be ignited by a spark and cause the tool to explode.

1. Disconnect the Air Supply from the tool
2. Remove tar buildup with a non-corrosive cleaner. Do not allow solvent to get into the cylinder. It may damage the cylinder.
3. Dry the tool completely before use.

[Back to Top](#)

Clearing a Jam

1. Disconnect Air Supply
2. Pull up lever.
3. Insert needle nose pliers or screw driver to clear jam.
4. Push down lever.



[Back to Top](#)



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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 authorized service center only.

Problem	Cause	Remedy
Air leak from trigger	O-ring on valve or on tube is damaged	Replace O-ring
Air leak from exhaust port	O-Ring on valve or on tube is damaged. O-Ring on piston is damaged.	Replace O-ring
Air leak from cylinder	Piston rod port O-ring is damaged.	Replace O-ring
Slow & short travel cycling	Check for loose screw or wear of parts.	1. Position eccentric pin and tighten screw. 2. Recheck for maximum efficiency. a. Adjust pin slightly upward if due to short travel. b. Adjust pin slightly downward if due to slow cycling.
Excessive jams	1. Slow & short travel cycle. 2. Teeth screws loose. 3. Wrong staple size. 4. Insufficient lubrication.	1. Adjust as noted above. 2. Tighten screws 3. Check staples 4. Clean & lubricate.
Uneven clinch	Wrong staple size.	Check for proper leg length adjustment & clincher size.
Unclinched staple	1. Teeth are loose or broken. 2. Slow & short travel cycle.	1. Check & replace teeth as needed. 2. Adjust as noted above.

[Back to Top](#)



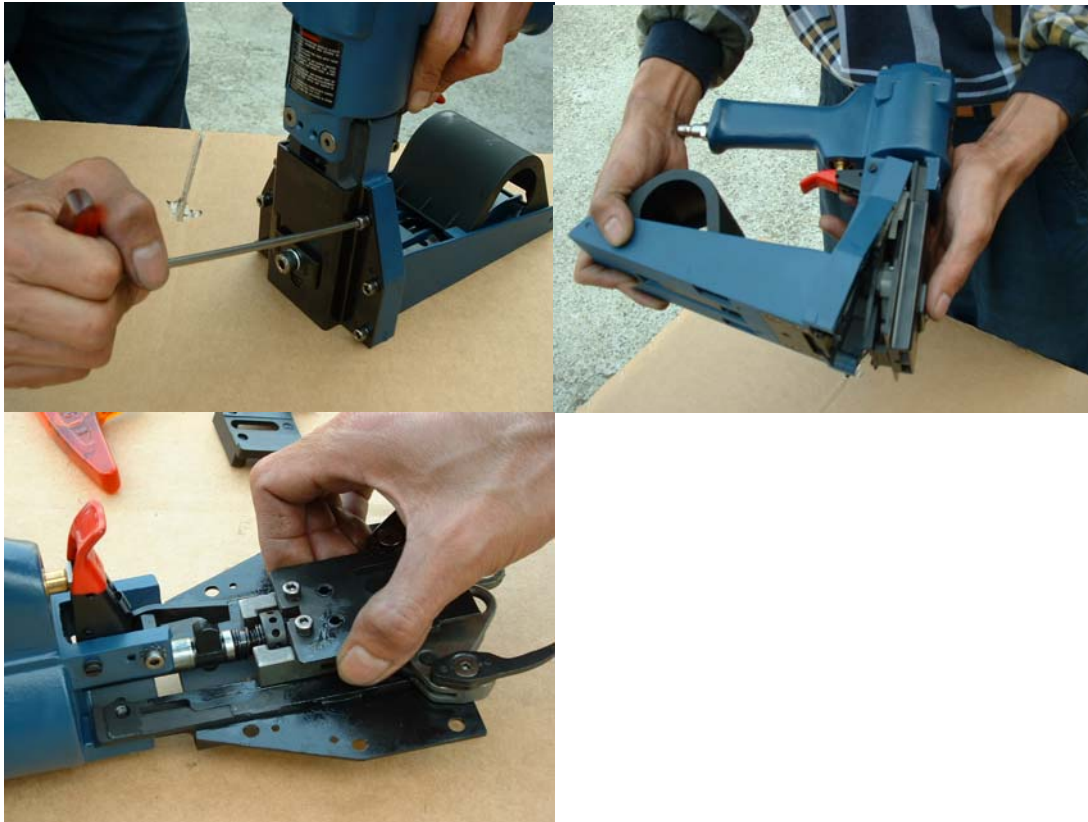
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Teeth Replacement

1. Loosen screws and nut with a 4mm Allen wrench.
2. Remove the magazine assembly.
3. Loosen screws with 3mm Allen wrench
4. Change teeth one at a time to prevent reverse teeth.



[Back to Top](#)



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Driver Replacement

1. Disconnect the Air Supply
2. Loosen screw and nut with a 4mm Allen wrench.
3. Remove the magazine assembly.
4. Loosen the set screw with a 3mm Allen wrench to unlock the adjusting rod.
5. Slide the linkage mechanism and adjusting rod simultaneously from the collar.
6. Loosen the screws with a 3mm Allen wrench.
7. Take off the Spring Pin with a hammer and 6 mm straight rod.



[Back to Top](#)



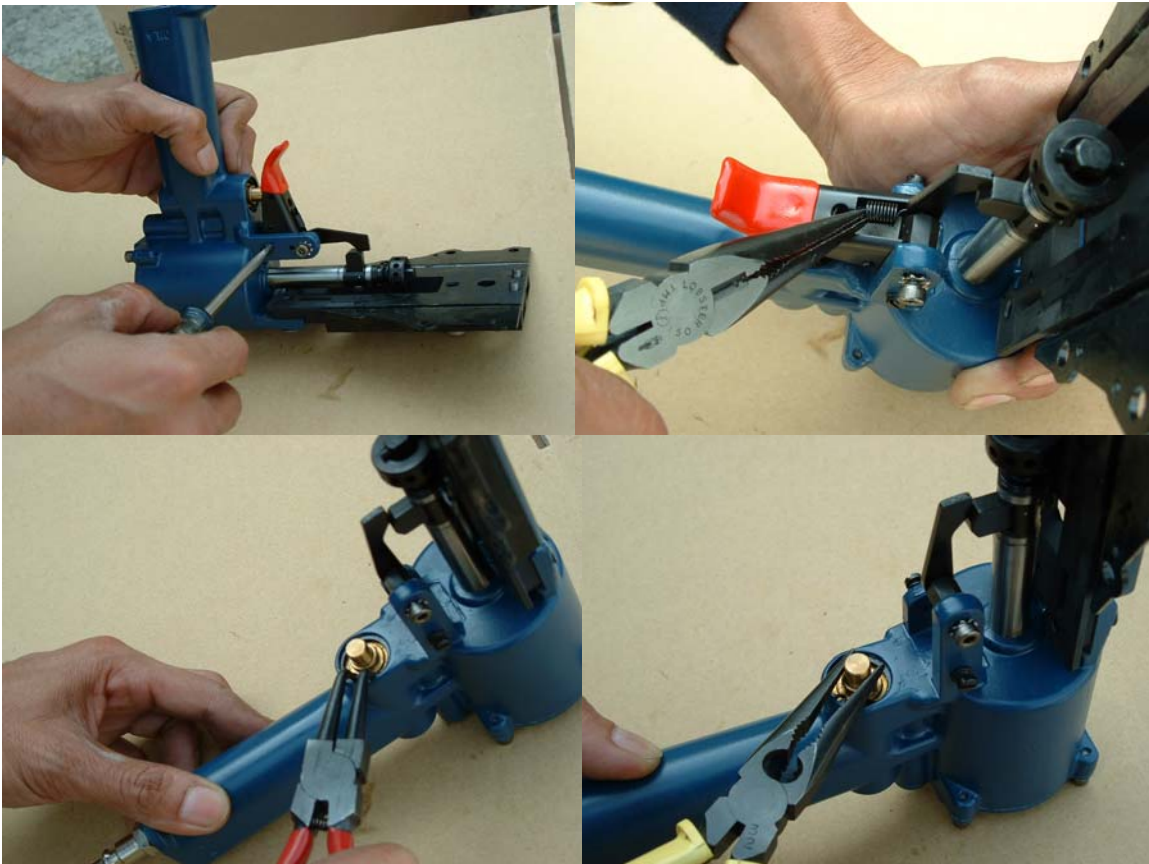
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Valve & Tube O-Ring Replacement

1. Loosen screws with a flat screw driver.
2. Remove spring with Needle nose pliers.
3. Remove C-Ring with C-Ring Pliers.
4. Remove valve and tube with needle nose pliers.



[Back to Top](#)



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Piston Replacement

1. Remove screws & nut with a 4 mm Allen wrench.
2. Remove magazine assembly.
3. Loose set screw with a 3mm Allen wrench to unlock the adjusting rod.
4. Slide linkage mechanism and adjusting rod simultaneously from collar.
5. Loosen collar with a 3mm straight rod to remove the spring.
6. Loosen screw with a 3mm Allen wrench and remove the block through the window.
7. Loosen screws with a 3mm Allen wrench and remove the cap.
8. Remove the piston assembly with a 10mm Spanner wrench.
9. Remove piston and replace.



[Back to Top](#)