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BUSHING EXTRACTOR USER MANUAL

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BUSHING EXTRACTOR

MODEL:LX-2002/LX2003/LX2001



NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

SAFETY INSTRUCTION AND PRECAUTIONS



WARNING:

Read this material before using this product.

Assembly precautions

1. Assemble only according to these instructions. Improper assembly can create hazards.
2. Wear ANSI-approved safety goggles.
3. Keep the assembly area clean and well-lit.
4. Keep bystanders out of the area during assembly.
5. Do not assemble when tired or when under the influence of alcohol, drugs, or medication.
6. Product capabilities apply to properly and completely assembled products only.

OPERATION

BUSHING/BEARING REMOVAL (Figure 1)

NOTE: Before starting, mark the place where the existing bushing is installed to ensure accurate positioning of the replacement bushing.

1. Select a sleeve that will sit square on the bushing/bearing housing and will allow the bushing/bearing to be extracted without interference. Ensure that only the force end of the sleeve with the U-shape inspection slot is used to sit on the bushing/bearing housing. The stepped end of the sleeve should be used to locate in the end plate.
2. Select a second sleeve that will sit square on the outer ring of the bushing/bearing and will pass through the bushing/bearing housing without interference. Ensure that only the force end of the sleeve with the U-shape inspection slot is used to sit on the outer ring of the bushing/bearing. The stepped end of the sleeve should be used to locate in the end plate.
3. Remove the nuts and thrust washers and pass the forcing screw halfway through the bushing/bearing center hole.

NOTE: Lubricate the forcing screw before use.

NOTE: Always use the largest diameter forcing screw available that will fit through the center of the bushing/bearing.

4. Fit the end plates to the stepped ends of the selected sleeves. Ensure that side-A is only used for 'A' sleeves and side-B is only used for 'B' sleeves.
5. Slide the assembled end plates and sleeves over the forcing screw and install the thrust washers and nuts.
6. Progressively tighten the nuts while locating the sleeves squarely on the bushing/bearing housing and the bushing/bearing outer ring.
7. Once the sleeves are square on the housing and outer ring, tighten the nuts and check that the thrust washers are centered in the end plates.
8. Using the appropriate sized wrenches hold the forcing nut that has the 3 pins and gradually tighten the forcing nut that has the bearing, driving bushing/ bearing from the housing.

DO NOT use air tools to operate the force screw nuts.

DO NOT exceed the maximum recommended torque for each forcing screw.

BUSHING/BEARING INSTALLATION (Figure 1)

1. Select the appropriate size sleeves for the housing and bushing/bearing as described in the removal section.
2. Prior to installing the bushing/bearing, clean the inside of the housing with an abrasive cloth to ensure that it is free of debris and corrosion.
3. Lightly oil the outer ring of the bushing/bearing to be installed.
4. You may use a hammer to gently tap around the outer ring of the bushing/bearing to locate it into the housing.

NOTE: Make sure that the bushing/bearing is square to the housing when installing.

NOTE: Always use the largest diameter forcing screw available that will fit through the center of the bushing/bearing.

5. Lubricate the forcing screw.
6. Once the sleeves are square on the housing and outer ring, tighten the nuts and check that the thrust washers are centered in the end plates.

7. Using the appropriate sized wrenches hold the forcing nut that has the 3 pins and gradually tighten the forc.

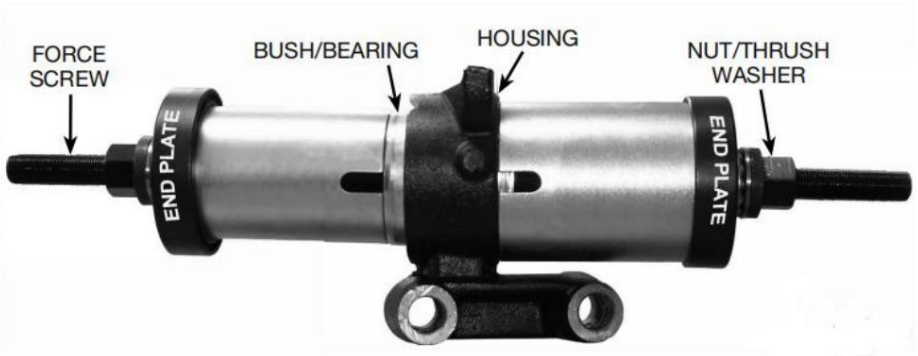


Figure 1

	Items	Description
1	Name	Bushing Extractor
2	Model	LX-2002
3	Parameter	<p>QTY: 26, Main materials: 20#/45#carbon steel iron sleeve: D82/d72, D80/d70, D78/d68, D76/d66, D74/d64, D72/d62, D70/d60, D68/d58, D66/d56, D64/d54, D62/d52, D60/d50, D58/d48, D56/d46, D54/d44, D52/d42, D50/d40, D48/d38, D46/d36, D44/d34 screw: M10mm, M12mm, M14mm, M16mm annulus: Φ83mm</p>

	Items	Description
1	Name	Bushing Extractor
2	Model	LX2001
3	Parameter	<p>QTY: 27, Main materials: 40CR/45#carbon steel iron sleeve: D90/d80, D85/d75, D82/d72, D80/d70, D78/d68, D76/d66, D74/d64, D72/d62, D70/d60, D68/d58, D66/d56, D64/d54, D62/d52, D60/d50, D58/d48, D56/d46, D54/d44, D52/d42, D50/d40, D48/d38, D46/d36, D44/d34 screw: M10mm, M12mm, M14mm, M16mm, M18mm</p>

	Items	Description
1	Name	Bushing Extractor
2	Model	LX2003
3	Parameter	<p>QTY: 28, Main materials: 20#/45#carbon steel iron sleeve: D82/d72, D80/d70, D78/d68, D76/d66, D74/d64, D72/d62, D70/d60, D68/d58, D66/d56, D64/d54, D62/d52, D60/d50, D58/d48, D56/d46, D54/d44, D52/d42, D50/d40, D48/d38, D46/d36, D44/d34 screw: M10mm, M12mm, M14mm, M16mm annulus: Φ78mm</p>

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