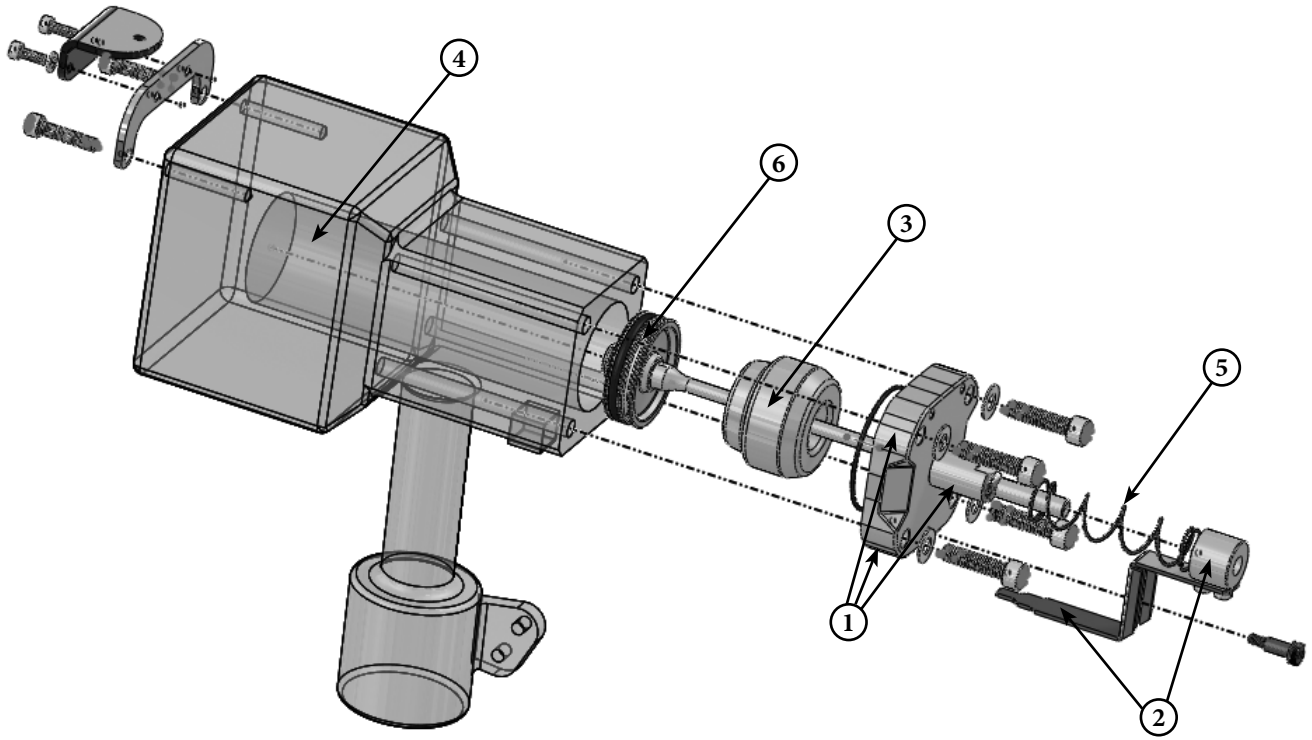


# Pneumatic Single Rivet Driver

## Replacement Part Instructions



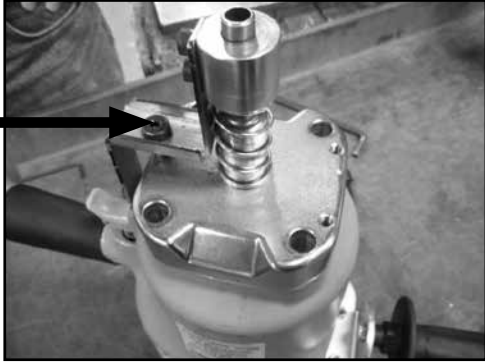
Call Out	Item Code	Description
1	41999	PDNP NOSE PIECE
2	42036	PDNPS NOSE PIECE SAFETY
3	42037	PDBUMP TOOL BUMPER
4	42041	PDCYL CYLINDER REPLACEMENT
5	42042	PDNSS NOSE SPRING SAFETY
6	42043	PDPR PISTON/DRIVE ROD

# Nose Piece Safety Replacement

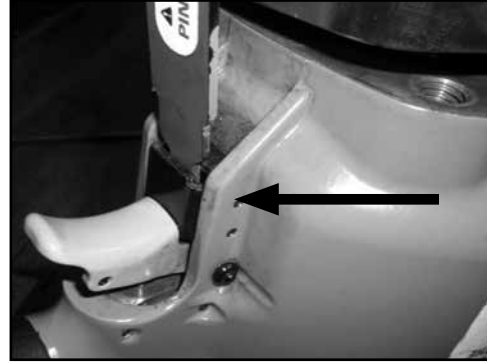
## Tools Required

5 mm Allen Wrench

**FIRST: Disconnect AIR HOSE from tool and make sure tool is PRESSURE FREE.**



1. Using the 5 mm Allen wrench, loosen and remove the M6 Shoulder screw that attaches the Safety Trigger Assembly to the tool housing using hand pressure to hold the Safety Assembly down. Carefully remove Safety Assembly and spring to avoid any injury from the spring rebounding.



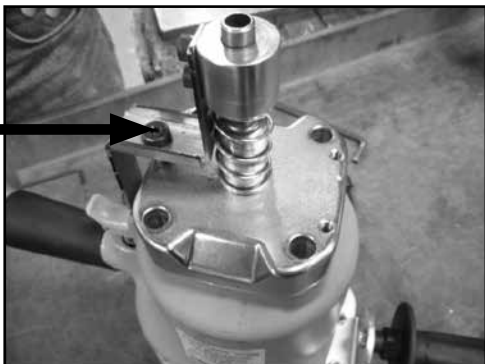
2. Reassemble the NEW Safety Trigger Assembly (N2292) with spring to the tool by reversing step 1 using Loctite 242 or equivalent and torque to 10-15 ft/lbs. **\*\*Make sure to realign the safety mechanism while reattaching the Nose Assembly.\*\***

# Nose Spring Safety Replacement

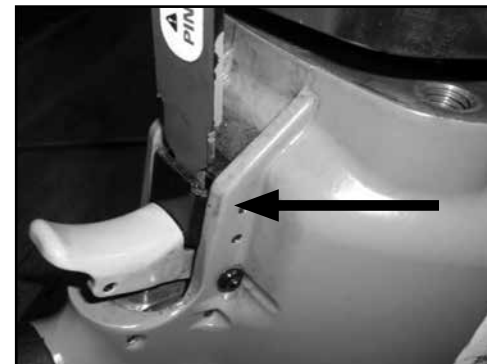
## Tools Required

5 mm Allen Wrench

**FIRST: Disconnect AIR HOSE from tool and make sure tool is PRESSURE FREE.**



1. Using the 5 mm Allen wrench, loosen and remove the M6 Shoulder screw that attaches the Safety Trigger Assembly to the tool housing using hand pressure to hold the Safety Assembly down. Carefully remove Safety Assembly and spring to avoid any injury from the spring rebounding.



2. Reassemble the NEW Safety Trigger Spring (P3995) and Safety Trigger Assembly to the tool by reversing step 1 using Loctite 242 or equivalent and torque to 10-15 ft/lbs. **\*\*Make sure to realign the safety mechanism while reattaching the Nose Assembly.\*\***

# Tool Bumper Replacement

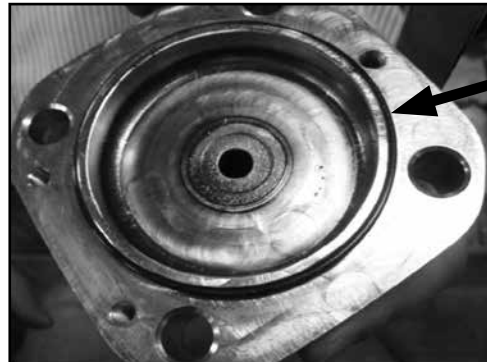
## Tools Required

8 mm Allen Wrench

**FIRST: Disconnect AIR HOSE from tool and make sure tool is PRESSURE FREE.**



1. Using the 8 mm Allen wrench, loosen and remove the four M10-40 mm screws and flat washers that attach the Nose Assembly to the tool housing.

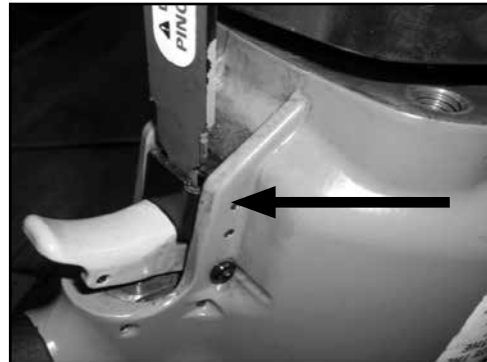


2. Remove the Nose Assembly from the tool. **\*\*MAKE SURE O-RING IS ATTACHED TO THE BOTTOM OF THE NOSE ASSEMBLY\*\***

3. After removal of old bumper and any debris, check cylinder for damage.



4. Install NEW Bumper (P3997) as shown.



5. Reassemble the tool by repeating steps 1-3 in opposite order. **\*\*Make sure to realign the safety mechanism while reattaching the Nose Assembly.\*\*** Make sure to apply Loctite 242 or equivalent to the M10 screws and flat washers and torque to 50 ft/lbs.

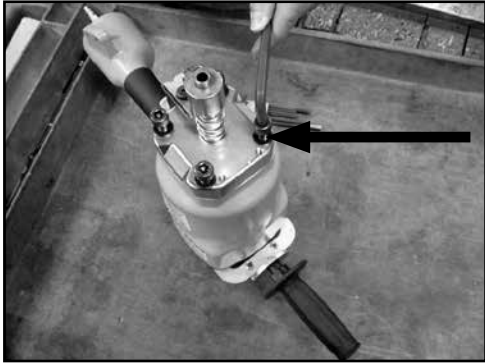


# Cylinder Replacement

## Tools Required

8 mm Allen Wrench  
6 mm Allen Wrench

**FIRST: Disconnect AIR HOSE from tool and make sure tool is PRESSURE FREE.**



1. Using the 8 mm Allen wrench, loosen and remove the four M10-40 mm screws and flat washers that attach the Nose Assembly to the tool housing.



2. Remove the Nose Assembly from the tool. **\*\*MAKE SURE O-RING IS ATTACHED TO THE BOTTOM OF THE NOSE ASSEMBLY\*\***



3. Remove bumper from tool.



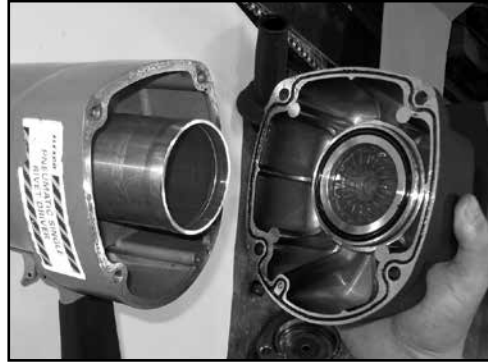
4. Remove Piston/Drive Rod Assembly from tool.

## Cylinder Replacement (Continued)

5. Remove any debris from cylinder and check cylinder for damage.



6. Remove Rear Housing: using the 6 mm wrench, remove the four screws from the housing. Set aside the handle and brackets before proceeding.



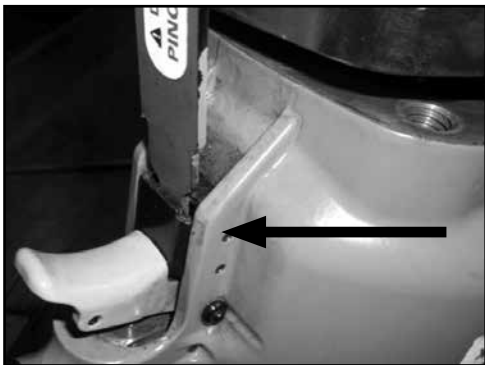
7. Carefully remove the Rear Housing and inspect for any debris.



8. Grasp the rear portion of the cylinder and remove.



9. Replace with new cylinder P4149 along with the correct new "O" rings. If only replacing damaged "O" rings, then remove old "O" rings and replace with new ones from the "O" Ring Rebuild Kit (P4028). Reinstall the cylinder making sure to "seat" it at the nose of the tool.



10. Reassemble the tool by repeating steps 1-8 in opposite order. \*\*Make sure to realign the safety mechanism while reattaching the Nose Assembly.\*\* Make sure to apply Loctite 242 or equivalent to the M10 screws and flat washers and torque to 50 ft/lbs.

# Piston/Drive Rod Replacement

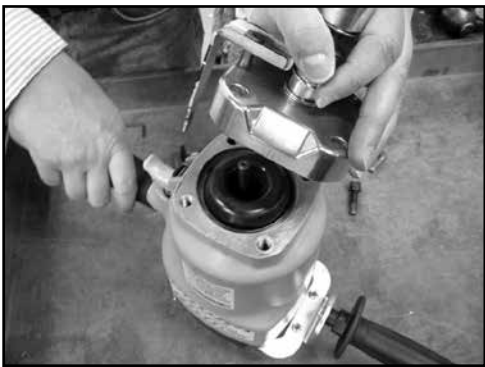
## Tools Required

8 mm Allen Wrench

**FIRST: Disconnect AIR HOSE from tool and make sure tool is PRESSURE FREE.**



1. Using the 8 mm Allen wrench, loosen and remove the four M10-40 mm screws and flat washers that attach the Nose Assembly to the tool housing.



2. Remove the Nose Assembly from the tool. **\*\*MAKE SURE O-RING IS ATTACHED TO THE BOTTOM OF THE NOSE ASSEMBLY\*\***



3. Remove bumper from tool.



4. Remove Piston/Drive Rod Assembly from tool.

## Piston/Drive Rod Replacement *(Continued)*

5. Remove any debris from cylinder and check cylinder for damage.

6. Find the correct “O” ring from the “O” Ring Rebuild Kit (P4028) and install on piston (in the same groove as the old one). Lubricate the new “O” ring with Bostitch Magnalube or equivalent. Reinstall the assembly making sure to “seat” the piston at the bottom of the cylinder.



7. Reassemble the tool by repeating steps 1-4 in opposite order. **\*\*Make sure to realign the safety mechanism while reattaching the Nose Assembly.\*\*** Make sure to apply Loctite 242 or equivalent to the M10 screws and flat washers and torque to 50 ft/lbs.

## Nose Piece Replacement

### *Tools Required*

8 mm Allen Wrench

5 mm Allen Wrench

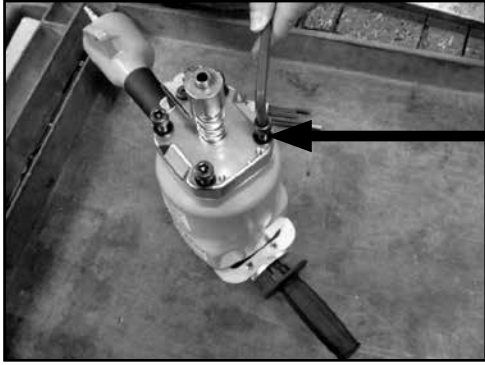
**FIRST: Disconnect AIR HOSE from tool and make sure tool is PRESSURE FREE.**



1. Using the 5 mm Allen wrench, loosen and remove the M6 Shoulder screw that attaches the Safety Trigger Assembly to the tool housing using hand pressure to hold the Safety Assembly down. Carefully remove Safety Assembly and spring to avoid any injury from the spring rebounding.



## Nose Piece Replacement (Continued)

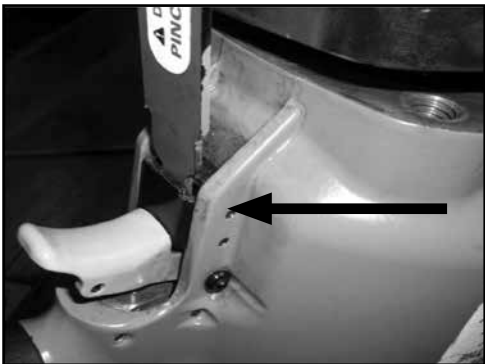


2. Using the 8 mm Allen wrench, loosen and remove the four M10-40 mm screws and flat washers that attach the Nose Assembly to the tool housing.



3. Remove the Nose Assembly from the tool. **\*\*MAKE SURE O-RING IS ATTACHED TO THE BOTTOM OF THE NOSE ASSEMBLY\*\***

4. Find the correct "O" ring from the "O" Ring Rebuild Kit (P4028) and install it on the new Cover/Guide Assembly. Install the new Cover/Guide Assembly to the tool being careful to align the assembly as shown. Reinstall the four M10 x 40 mm screws and flat washers with Loctite 242 or equivalent and torque them to 50 ft/lbs.



5. Reassemble the Safety Trigger Assembly to the tool by reversing step 1 using Loctite 242 or equivalent and torque to 10-15 ft/lbs. **\*\*Make sure to realign the safety mechanism while reattaching the Nose Assembly.\*\***



2525 Wisconsin Avenue • Downers Grove, IL 60515-4200 U.S.A.  
Telephone: 1-630-971-0150 • Fax: 1-630-971-1180 • E-mail: info@flexco.com

Visit [www.flexco.com](http://www.flexco.com) for other Flexco locations and products.

©2012 Flexible Steel Lacing Company. Flexco® are registered trademarks. 12-13. For Reorder: X2864

