

Astro Pneumatic Tool 136E

Astro 136E 3/8" Drive Butterfly Impact Wrench User Manual

Brand: Astro Pneumatic Tool | **Model:** 136E

1. INTRODUCTION

The Astro 136E 3/8" Drive Butterfly Impact Wrench is a compact and lightweight air-powered tool designed for efficient fastening and loosening of nuts and bolts. Its unique butterfly throttle allows for single-handed control of speed and direction, making it ideal for various automotive and industrial applications. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your impact wrench.

1.1 Important Safety Information

Always read and understand all safety warnings and instructions before operating this tool. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Wear appropriate personal protective equipment, including eye protection, hearing protection, and gloves, when operating the tool.
- Ensure the air supply is disconnected before performing any adjustments, changing accessories, or storing the tool.
- Do not operate the tool in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Always wash hands after handling.
- Maintain the tool with care. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation.

2. PRODUCT OVERVIEW

The Astro 136E is a robust 3/8" drive butterfly impact wrench designed for durability and ease of use. It features a rubber nose guard to protect both the tool and work surfaces, and a built-in power regulator for precise control.

2.1 Key Features

- **Rubber Nose Guard:** Protects the tool and work surfaces from damage.
- **Compact and Lightweight Design:** Enhances maneuverability and reduces user fatigue.
- **Butterfly Throttle:** Provides single-handed control for both speed and forward/reverse direction.
- **Built-in Power Regulator:** Allows for adjustment of output power to suit different applications.
- **Durable Construction:** Made in Taiwan, ensuring quality and longevity.

2.2 Product Images



Figure 1: Front view of the Astro 136E 3/8" Drive Butterfly Impact Wrench, showcasing its compact design and rubber nose guard.



Figure 2: Side view of the Astro 136E Impact Wrench, highlighting the warning label and the air inlet connection.

3. SETUP

3.1 Unpacking

Carefully remove all contents from the packaging and inspect for any damage. If any parts are missing or damaged, contact Astro Pneumatic Tool customer service immediately.

Contents of the Box:

- Astro 136E 3/8" Drive Butterfly Impact Wrench
- User Manual
- Warranty Card
- Carrying Case or Socket Set (if applicable, not included with all models)

3.2 Air Supply Connection

1. Ensure your air compressor is capable of providing sufficient air pressure and volume for the tool (refer to specifications for requirements).
2. Connect an air hose (minimum 3/8" I.D.) to the air inlet of the impact wrench. It is recommended to use an air filter/regulator/lubricator (FRL) unit in line with the air supply to ensure clean, regulated, and lubricated air.
3. Apply thread sealant tape to the air inlet fitting before connecting the air hose to prevent leaks.
4. Ensure all connections are secure and free of leaks before operating the tool.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

1. **Attaching Sockets:** Push the desired 3/8" drive impact socket onto the square drive anvil until it locks securely.
2. **Controlling Direction and Speed:** The butterfly throttle allows for intuitive control.
 - Push one side of the butterfly lever to engage forward rotation.
 - Push the opposite side to engage reverse rotation.
 - The amount of pressure applied to the lever controls the speed of the tool. You can feather the valve for precise speed control.
3. **Adjusting Power:** The built-in power regulator allows you to adjust the torque output. Rotate the regulator dial (typically located near the air inlet) to increase or decrease the power. Start with a lower setting and increase as needed to prevent overtightening or damaging fasteners.
4. **Applying Torque:** Place the socket onto the fastener. Apply steady pressure to the tool and depress the butterfly throttle to begin operation. Release the throttle to stop the tool.

4.2 Usage Tips

- Always use impact-grade sockets with an impact wrench. Standard sockets can shatter and cause injury.
- For optimal performance and tool longevity, ensure your air compressor provides consistent air pressure (e.g., 90 PSI) at the tool.
- Apply a few drops of air tool oil into the air inlet before each use, or at least daily, to lubricate internal components.
- Avoid excessive force or prying with the tool, as this can damage the tool or the fastener.

5. MAINTENANCE

5.1 Lubrication

Proper lubrication is crucial for the longevity and performance of your air impact wrench. Use a high-quality air tool oil.

1. Disconnect the tool from the air supply.
2. Place 3-5 drops of air tool oil into the air inlet.
3. Reconnect the air supply and run the tool for a few seconds to distribute the oil.
4. Perform this lubrication before each use or at the beginning of each workday.

5.2 Cleaning and Storage

- After each use, wipe down the tool with a clean, dry cloth to remove dirt and debris.
- Store the tool in a clean, dry environment, away from excessive moisture or extreme temperatures.
- If storing for an extended period, apply a light coat of oil to exposed metal surfaces to prevent rust.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your impact wrench.

Problem	Possible Cause	Solution
Tool not operating or low power	Insufficient air pressure or volume; lack of lubrication; clogged air inlet filter.	Check air compressor output and hose size. Ensure air pressure is at recommended PSI. Lubricate the tool. Clean or replace air inlet filter.
Air leakage from tool	Loose air fittings; worn O-rings or seals; damaged housing.	Tighten all air connections. Inspect and replace worn O-rings or seals. If housing is damaged, contact service center.

Problem	Possible Cause	Solution
Tool runs but does not impact	Internal mechanism issue; lack of lubrication.	Ensure proper lubrication. If problem persists, tool may require professional servicing.

7. SPECIFICATIONS

Attribute	Value
Brand	Astro Pneumatic Tool
Model	136E
Power Source	Air Powered
Maximum Rotational Speed	10,000 RPM
Amperage	99 Amps <i>(Note: This value seems unusually high for an air tool and might be a data error. Refer to manufacturer's official specifications for confirmation.)</i>
Maximum Chuck Size	0.38 Inches (3/8" Drive)
Material	Rubber (for nose guard)
Maximum Torque	75 Foot Pounds
Item Weight	2.16 Pounds
Product Dimensions (L x W x H)	8 x 4 x 2.5 inches
Manufacturer	Astro Pneumatic Tool
Date First Available	October 4, 2004

8. WARRANTY AND SUPPORT

Astro Pneumatic Tool stands behind the quality of its products. This product is covered by a manufacturer's warranty against defects in material and workmanship. Please refer to the included Warranty Card for specific terms, conditions, and duration of the warranty.

For technical support, parts, or warranty claims, please contact Astro Pneumatic Tool directly:

- **Manufacturer:** Astro Pneumatic Tool
- **Website:** [Visit the Astro Pneumatic Tool Store on Amazon](#)
- *Contact information (phone/email) typically found on the product packaging or official website.*

Keep your purchase receipt as proof of purchase for warranty purposes.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question