

EQ34XT

EARTHQUAKE XT EQ34XT 3/4 in. Composite Air Impact Wrench User Manual

Model: EQ34XT | Brand: EARTHQUAKE XT

1. PRODUCT OVERVIEW

The EARTHQUAKE XT EQ34XT 3/4 in. Composite Air Impact Wrench is engineered for demanding automotive and industrial applications. Featuring a robust twin hammer mechanism, it delivers an impressive 1700 ft. lbs. of bolt breakaway torque, making quick work of stubborn fasteners. Its composite housing ensures durability while keeping the tool lightweight for reduced user fatigue.

- **Powerful 12-volt motor:** Delivers up to 300 foot-pounds of torque for tough jobs.
- **Compact and lightweight design:** For easy handling and maneuverability.
- **Ergonomic handle:** Provides a comfortable grip for extended use.
- **Variable speed trigger:** Allows for precise control of torque output.
- **LED lights:** Provide visibility in low-light conditions.
- **One handed push-button FWD/REV:** With 3-speed rear dial regulator for convenience.



Figure 1: Front view of the EARTHQUAKE XT EQ34XT 3/4 inch Composite Air Impact Wrench, showcasing its compact design and ergonomic handle.

2. SAFETY INFORMATION

Always observe basic safety precautions when using this air impact wrench to reduce the risk of personal injury and damage to the tool. Read and understand all instructions before operation.

- **Eye Protection:** Always wear ANSI-approved safety goggles or a face shield during operation.
- **Hearing Protection:** Use ear protection to prevent hearing damage from prolonged exposure to noise.
- **Hand Protection:** Wear heavy-duty work gloves to protect hands from vibration and potential pinch points.
- **Air Supply:** Ensure the air compressor is properly maintained and delivers clean, dry air at the recommended pressure. Do not exceed the maximum operating pressure.
- **Secure Workpiece:** Always secure the workpiece before applying torque to prevent movement.
- **Proper Socket Use:** Use only impact-rated sockets. Do not use standard chrome sockets, as they can shatter.
- **Disconnect Air:** Disconnect the air supply before making adjustments, changing accessories, or servicing the tool.
- **Avoid Accidental Start-up:** Ensure the trigger is in the OFF position before connecting to the air supply.
- **Maintain Balance:** Keep proper footing and balance at all times. Do not overreach.

3. SETUP

Before first use, ensure the tool is properly prepared for operation.

1. **Air Supply Connection:**

- Attach an air hose with a 3/8" NPT fitting to the air inlet of the impact wrench.
- Ensure the air compressor is set to the recommended operating pressure (90 PSI).
- Use an in-line air filter/lubricator to ensure clean, lubricated air supply, which extends tool life.

2. **Lubrication:**

- Before each use, add a few drops of air tool oil into the air inlet. This lubricates the internal components.

3. **Socket Installation:**

- Select the appropriate 3/4 inch drive impact-rated socket for your application.
- Push the socket firmly onto the square drive anvil until it locks securely.

4. **OPERATING INSTRUCTIONS**

Follow these steps for safe and effective operation of your impact wrench.

1. **Direction and Speed Adjustment:**

- The wrench features a one-handed push-button FWD/REV selector. Push the button to toggle between forward (tightening) and reverse (loosening) modes.
- Use the 3-speed rear dial regulator to adjust the power output for different applications. Start with a lower setting and increase as needed.

2. **Applying Torque:**

- Place the socket firmly onto the fastener.
- Depress the variable speed trigger to begin operation. The tool will deliver impacts to tighten or loosen the fastener.
- For tightening, avoid over-tightening. Use a torque wrench for final torque specifications if precision is required.

3. **LED Lights:**

- The integrated LED lights illuminate the work area, providing better visibility in low-light conditions.

3/4" COMPOSITE XTREME TORQUE AIR IMPACT WRENCH

EQ34XT

1,700 FT. LBS. OF BOLT BREAKAWAY TORQUE FOR LIGHTNING FAST REMOVAL

POWERFUL TWIN-HAMMER IMPACT MECHANISM FOR EXTREME TORQUE WITH LESS VIBRATION

ONE HANDED PUSH BUTTON FWD/REV WITH 3-SPEED REAR DIAL REGULATOR

LIGHTWEIGHT DURABLE COMPOSITE DESIGN REDUCES WRIST STRAIN AND FATIGUE

IDEAL FOR

- GENERAL MECHANICS
- TIRE SHOPS
- BODY SHOPS

FOR BEST PERFORMANCE USE: PRE-TIGHTEN BOLTS 1/2" TO 3/4" & 1/2" TO 3/4" DIA. TUBES

ULTRA SILENT THROUGH HANDLE EXHAUST KEEPS DEBRIS AWAY FROM OPERATOR

SPECIFICATIONS	
DRIVE SIZE: 3/4"	AVERAGE AIR CONSUMPTION: 9 CFM @ 90 PSI
BOLT BREAKAWAY TORQUE: 1,700 FT. LBS.	AIR INLET: 3/8" - 10 NPT
MAX TORQUE: 1,500 FT. LBS.	SOUND OUTPUT: 91 dB
FINE SPEED: 5,500 RPM	RECOMMENDED HOSE SIZE: 1/2"
WORKING PRESSURE: 90 PSI	TOOL WEIGHT: 7.5 LBS.

Figure 2: The EARTHQUAKE XT EQ34XT impact wrench with key features such as the one-handed FWD/REV button, 3-speed regulator, and specifications highlighted.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your impact wrench.

- **Daily Lubrication:** Add 5-10 drops of air tool oil into the air inlet before each use.
- **Air Filter:** Regularly check and clean or replace the air filter in your air supply system to prevent contaminants from entering the tool.
- **Cleaning:** Keep the tool clean and free of debris. Wipe down the exterior with a clean, dry cloth. Do not use harsh chemicals.
- **Storage:** Store the tool in a dry, clean environment when not in use.
- **Service:** For internal repairs or complex issues, contact a qualified service technician.

6. TROUBLESHOOTING

If you encounter issues with your impact wrench, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Tool not operating or low power	Insufficient air pressure Lack of lubrication Clogged air filter Worn internal parts	Check air compressor pressure (should be 90 PSI) Add air tool oil to the air inlet Clean or replace air filter Contact service technician
Excessive vibration	Loose socket Damaged internal components	Ensure socket is securely attached Contact service technician
Air leaking from tool	Loose fittings Damaged O-rings/seals	Tighten all air fittings Contact service technician for seal replacement

7. SPECIFICATIONS

Feature	Specification
Model Number	EQ34XT
Drive Size	3/4 inch
Max Torque	1700 ft. lbs.
Operation Mode	Air
Recommended Air Pressure	90 PSI
Material	Metal, Rubber (Composite Body)
Item Weight	7.5 pounds
Item Length	8.5 Inches
Color	Grey and Red

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the manufacturer's official website or contact their customer service department. Keep your purchase receipt as proof of purchase for any warranty claims.

For additional resources and product information, you may visit the Harbor Freight Tools website (as HFT is listed as manufacturer).