

AUTO XTRA P175

AUTO XTRA Perfect Equipment P175 Wheel Weights

Installation and Usage Instructions

INTRODUCTION

The AUTO XTRA Perfect Equipment P175 wheel weights are designed for precise balancing of passenger car wheels. Proper wheel balancing is crucial for vehicle safety, tire longevity, and a smooth driving experience. These weights are manufactured to meet industry standards for accuracy and durability.

SAFETY INFORMATION

WARNING: This product contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

- Always wear appropriate personal protective equipment, including gloves and eye protection, when handling wheel weights.
- Ensure the vehicle is securely supported on a lift or jack stands before working on wheels.
- Dispose of used wheel weights according to local environmental regulations. Do not discard in general waste.
- Keep out of reach of children and pets.

SETUP AND INSTALLATION

Correct installation of wheel weights is essential for effective wheel balancing. This process typically requires a wheel balancing machine.

1. **Prepare the Wheel:** Thoroughly clean the wheel rim surface where the weights will be attached. Remove any dirt, grease, or old adhesive residue to ensure proper adhesion.
2. **Balance the Wheel:** Mount the wheel on a professional wheel balancing machine. Follow the

machine's instructions to determine the exact amount and location of weight required to achieve balance.

3. **Select Weights:** Choose the appropriate P175 weights (1 3/4 oz) or combinations thereof to match the required balance weight.
4. **Attach Weights:** Securely attach the P175 weights to the designated location on the wheel rim. Ensure the clip mechanism is firmly seated on the rim flange.
5. **Verify Balance:** Re-spin the wheel on the balancing machine to confirm that the wheel is now balanced within acceptable tolerances. Adjust as necessary.

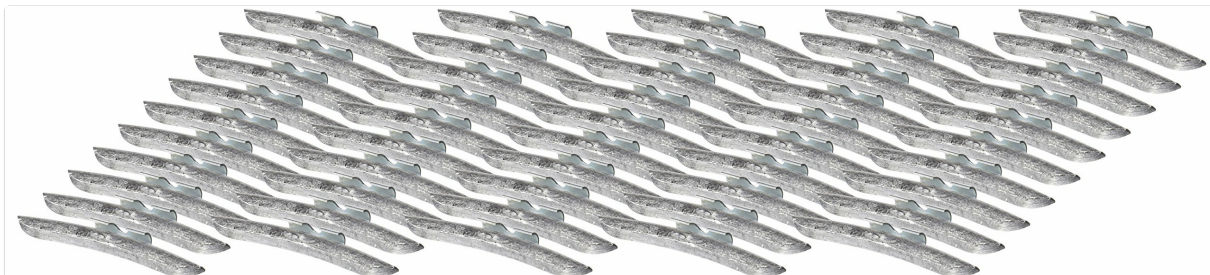


Image: A box of AUTO XTRA Perfect Equipment P175 lead wheel weights, designed for automotive tire balancing. The weights are silver-colored and feature a clip-on design for attachment to wheel rims.

OPERATING PRINCIPLE

The P175 wheel weights function by counteracting imbalances in the wheel and tire assembly. When a wheel is perfectly balanced, its mass is evenly distributed around its axis of rotation. Imbalances cause vibrations, which can lead to premature tire wear, suspension component stress, and an uncomfortable ride. By adding the correct amount of weight at specific locations, these weights restore rotational balance, ensuring smooth operation.

MAINTENANCE

Once installed, wheel weights generally require minimal maintenance. However, periodic checks are recommended:

- **Visual Inspection:** During tire rotations or other vehicle servicing, visually inspect the wheel weights to ensure they are still securely attached to the rim.
- **Re-balancing:** If you notice new vibrations or uneven tire wear, it may indicate that a weight has fallen off or that the wheel balance has changed. In such cases, have the wheels re-balanced by a qualified technician.

TROUBLESHOOTING

If you experience persistent vibrations or handling issues after wheel balancing, consider the following:

- **Incorrect Weight Application:** Ensure the correct amount of weight was applied at the precise locations indicated by the balancing machine.
- **Damaged Tire or Wheel:** Inspect the tire for bulges, cuts, or uneven wear, and the wheel for bends or cracks. These issues cannot be corrected by balancing alone.
- **Suspension Issues:** Vibrations can also stem from worn suspension components (e.g., ball joints, tie rods, shocks). Consult a mechanic if wheel balancing does not resolve the issue.
- **Loose Weights:** Check if any weights have become loose or fallen off.

SPECIFICATIONS

Attribute	Value
Brand	AUTO XTRA
Model Number	P175
Item Weight	5.5 pounds (for Bx/50)
Product Dimensions	4.32 x 3.84 x 3.39 inches
Manufacturer Part Number	P175
Type	Passenger Car Lead Wheel Weights

WARRANTY AND SUPPORT

For specific warranty information and technical support regarding AUTO XTRA Perfect Equipment P175 wheel weights, please refer to the manufacturer's official website or contact their customer service department directly. Keep your purchase receipt for any warranty claims.