

FAPO RACING PZ006210-41

Steering Drift Front Lower Control Arm Wide Angle Kit

Model: PZ006210-41 | Brand: FAPO RACING

1. PRODUCT OVERVIEW

The FAPO RACING Steering Drift Front Lower Control Arm Wide Angle Kit is engineered for BMW E36 models, designed to enhance vehicle handling and steering response, particularly for drift and performance driving applications. This kit replaces the factory lower control arms, providing improved suspension geometry and reducing bump steer for a more precise and controlled driving experience.

Constructed from heavy-duty tubular alloy steel, components are treated with a proprietary dual-layer coating to resist rust and corrosion, ensuring durability and long-term performance. The kit features ball bearing bushings with a dust-proof design for reliable operation.

2. PACKAGE CONTENTS

Upon unpacking, verify that all components listed below are present and undamaged. If any items are missing or damaged, contact FAPO RACING customer support immediately.

- Two (2) Front Lower Control Arms (Left and Right)
- Two (2) Adjustable Tie Rods
- Various Mounting Hardware (bolts, nuts, washers, spacers)
- Specialized Bushings and Mounting Plates



Image 2.1: Overview of all components included in the FAPO RACING Steering Drift Front Lower Control Arm Wide Angle Kit.



Image 2.2: Detailed view of one of the heavy-duty tubular alloy steel control arms.



Image 2.3: The adjustable tie rods, crucial for fine-tuning suspension geometry.



Image 2.4: Various bolts and fasteners provided for installation.

3. SAFETY INFORMATION

Installation of automotive suspension components requires specialized knowledge, tools, and safety precautions. Improper installation can lead to serious injury, vehicle damage, or loss of vehicle control. It is highly recommended that this kit be installed by experienced professionals.

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on a lift or jack stands before beginning any work. Never work under a vehicle supported only by a jack.
- Disconnect the vehicle's battery before working on any electrical components.
- Refer to your vehicle's service manual for specific torque specifications and procedures.
- Keep all tools and components organized to prevent tripping hazards.

4. INSTALLATION GUIDE

4.1 Pre-Installation

- Gather all necessary tools, including wrenches, sockets, torque wrench, pry bars, and a vehicle lift or sturdy

jack stands.

- Clean the work area and ensure adequate lighting.
- Inspect the vehicle's existing suspension components for any signs of wear or damage that may need addressing prior to installation.

4.2 Installation Steps

Note: Due to the specialized nature of this product and its impact on vehicle dynamics, professional installation is strongly recommended. The following steps are a general overview and not a substitute for a professional mechanic's expertise or a detailed service manual.

1. Safely lift and secure the vehicle. Remove the front wheels.
2. Carefully disconnect and remove the existing front lower control arms and associated components.
3. Install the new FAPO RACING control arms and adjustable tie rods, ensuring all bushings and hardware are correctly seated.
4. Tighten all fasteners to the vehicle manufacturer's specified torque settings.
5. Reinstall the wheels and lower the vehicle.
6. **Crucial Step:** After installation, a professional wheel alignment is mandatory to ensure proper vehicle handling, tire wear, and safety. This kit alters suspension geometry, requiring precise adjustment.



Image 4.1: A vehicle on a lift, illustrating the area where the control arms are installed.

5. OPERATION AND PERFORMANCE

Once properly installed and aligned, the FAPO RACING Steering Drift Front Lower Control Arm Wide Angle Kit will significantly improve your BMW E36's handling characteristics. The wide-angle design and improved suspension

geometry work together to:

- **Reduce Bump Steer:** Minimizes unwanted steering input caused by vertical wheel movement over bumps, leading to more predictable handling.
- **Enhance Steering Response:** Provides a more direct and immediate feel from the steering wheel.
- **Increase Front Grip:** Optimizes tire contact patch during cornering, especially beneficial for performance driving and drifting.
- **Improve Stability:** Contributes to overall vehicle stability at higher speeds and during aggressive maneuvers.

6. MAINTENANCE

Regular inspection and maintenance are crucial for the longevity and safe operation of your FAPO RACING control arm kit. Perform these checks periodically, especially after aggressive driving or track use:

- **Visual Inspection:** Check for any signs of damage, cracks, bends, or excessive wear on the control arms, tie rods, and bushings.
- **Fastener Torque:** Verify that all bolts and nuts are securely tightened to their specified torque values. Loose fasteners can lead to component failure or poor handling.
- **Bushing Condition:** Inspect the ball bearing bushings for any signs of play, cracking, or degradation of the dust-proof seals.
- **Cleanliness:** Keep the components free from excessive dirt, grime, and corrosive substances.

7. TROUBLESHOOTING

If you experience any issues after installing the kit, consider the following common troubleshooting steps. Always consult a qualified mechanic for diagnosis and repair.

- **Unusual Noises (clunking, squeaking):** Check all mounting points for proper torque. Inspect bushings for wear or improper seating.
- **Poor Handling/Steering:** Re-verify wheel alignment. Ensure all components are installed correctly and not binding. Check tire pressure.
- **Uneven Tire Wear:** This is a strong indicator of incorrect wheel alignment. Immediately seek professional alignment services.
- **Vibration:** Check for loose components, damaged bushings, or issues with wheel balance.

8. SPECIFICATIONS

Attribute	Value
Brand	FAPO RACING
Model Number	PZ006210-41
Fit Type	For BMW E36
Auto Part Position	Front Lower
Color	Black
Material	Aluminum, Steel

Item Weight	29 pounds
Package Dimensions	24 x 17 x 7 inches

9. WARRANTY AND SUPPORT

This FAPO RACING product is covered by a **1-year manufacturer's warranty** from the date of purchase, covering defects in materials and workmanship. Additionally, a **7-day satisfaction guarantee** is offered. If you believe the item does not match the description or was damaged during transportation, please contact FAPO RACING customer support immediately.

For technical assistance, warranty claims, or any product-related inquiries, please visit the official FAPO RACING store on Amazon or contact their customer service directly through the platform.

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