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maXpeedingrods XM35VB

maXpeedingrods 2" Front and 1.5" Rear Lift Leveling Kit Instruction Manual

Model: XM35VB

1. Product Compatibility

This lift leveling kit is designed for specific vehicle models and years. Ensure your vehicle matches the compatibility information below before installation.

- **Application:** Subaru XV Crosstrek 2013-2017



Image 1.1: Compatibility chart indicating the kit is suitable for Subaru XV Crosstrek models from 2013 to 2017.

2. Product Overview and Features

The maXpeedingrods Lift Leveling Kit provides a 2-inch front and 1.5-inch rear lift to increase ground clearance and level the vehicle's stance. This kit allows for fitting larger tires and wheels, enhancing the vehicle's appearance and protecting the undercarriage.

2.1 Key Features:

- **Lift Height:** Provides 2" front and 1.5" rear lift.
- **Material:** Constructed from high tensile strength carbon steel.
- **Finish:** Powder-coated for corrosion and rust resistance.
- **Installation:** Designed for bolt-on installation using existing factory mounting points.



Image 2.1: Detailed view of the front spacer (51mm/2" thickness) and rear spacer (30mm/1.18" thickness).



Image 2.2: Visual representation of the durable construction, highlighting high-strength carbon steel, powder coating for anti-corrosion, and precision manufacturing.



Image 2.3: Diagram illustrating that the final lift height may not be a 1:1 ratio with the spacer thickness due to vehicle suspension geometry, as the spacer alters the angle of the lower control arm.



Image 2.4: Overview of all components included in the kit: front lift spacers, rear lift spacers, cradle bracket spacers, cradle drop spacers, and associated mounting hardware.

3. Specifications

Specification	Detail
Brand	maXpeedingrods
Model Number	XM35VB
Auto Part Position	Front, Rear
Maximum Lifting Height	2 inches (Front), 1.5 inches (Rear)
Front Spacer Thickness	51mm (2")

Specification	Detail
Rear Spacer Thickness	30mm (1.18")
Material	High Tensile Strength Carbon Steel
Finish	Powder Coated
Number of Items	6 (Spacers and Cradle Brackets)
Item Weight	7150 g
Automotive Fit Type	Vehicle Specific Fit

4. Installation and Setup

Installation of a lift leveling kit requires mechanical knowledge and specialized tools. It is highly recommended that installation be performed by a qualified professional to ensure proper fitment, safety, and vehicle alignment.

4.1 General Installation Steps (Consult a professional for detailed instructions):

1. **Preparation:** Park the vehicle on a level surface, engage the parking brake, and block the wheels. Lift the vehicle using a suitable jack and support it with jack stands.
2. **Wheel Removal:** Remove the front and rear wheels.
3. **Suspension Disassembly:** Carefully disassemble the necessary suspension components (e.g., strut assemblies, sway bar links) to allow for spacer installation. Refer to your vehicle's service manual for specific torque specifications and procedures.
4. **Spacer Installation:** Install the front and rear spacers onto the strut assemblies or between the strut mount and the vehicle's frame, utilizing existing factory mounting points. Install cradle bracket spacers and cradle drop spacers as required.
5. **Reassembly:** Reassemble all suspension components, ensuring all bolts are tightened to the manufacturer's specified torque.
6. **Final Checks:** Lower the vehicle, re-install the wheels, and perform a final check of all fasteners.
7. **Alignment:** After installation, a professional wheel alignment is mandatory to correct camber, caster, and toe angles, which are affected by the lift. Failure to do so can result in premature tire wear and unsafe handling.



Image 4.1: Visual comparison showing the vehicle's appearance before and after the 2" front and 1.5" rear lift, demonstrating increased fender clearance.

5. Operating Considerations

After installing the lift leveling kit, the vehicle's dynamics will change. Be aware of the following:

- **Center of Gravity:** The vehicle's center of gravity will be raised, which may affect handling characteristics, especially during cornering or emergency maneuvers. Drive cautiously until you are accustomed to the new feel of the vehicle.
- **Tire Size:** The kit allows for larger tires. Ensure any new tires are properly balanced and do not rub against suspension or body components during full steering lock or suspension travel.
- **Alignment:** As mentioned in the installation section, a professional alignment is crucial to maintain proper steering and tire wear.
- **Headlight Aim:** The vehicle's headlight aim may be affected by the lift. Adjust headlights to ensure proper visibility and to avoid blinding oncoming traffic.

6. Maintenance

Regular inspection and maintenance are essential to ensure the longevity and safe operation of your lift leveling kit and associated suspension components.

- **Periodic Inspection:** Regularly inspect all bolts and nuts associated with the lift kit and suspension for tightness. Re-torque to factory specifications if necessary.
- **Component Check:** Check spacers and other kit components for any signs of wear, damage, or corrosion.
- **Alignment Checks:** Have your vehicle's alignment checked periodically, especially after off-road use or if you notice uneven tire wear or steering issues.
- **Cleaning:** Keep the suspension components clean from dirt, mud, and road salt to prevent corrosion.

7. Troubleshooting

If you encounter issues after installing the lift leveling kit, consider the following common troubleshooting steps:

- **Uneven Lift:** Double-check that the correct spacers are installed on the front and rear, and that all components are seated properly. Ensure all fasteners are tightened to specification.
- **Noise (Clunking/Squeaking):** Inspect all mounting points and bolts for proper tightness. Loose components can cause noise. Check for any contact between suspension components or between components and the vehicle's frame.
- **Steering/Handling Issues:** This is often related to improper wheel alignment. Ensure a professional alignment has been performed after installation. Check tire pressure and balance.
- **Vibrations:** Vibrations can be caused by unbalanced tires, loose components, or issues with driveline angles if the lift is significant enough to affect them. Consult a professional if vibrations persist.

For persistent issues, it is recommended to consult a professional mechanic or contact maXpeedingrods customer support.

8. Warranty and Support

maXpeedingrods is committed to providing high-quality products and customer satisfaction.

- **Warranty:** This product comes with a 1-year limited warranty for quality issues, effective from the date of purchase.
- **Technical Support:** Lifetime technical support is available for this product.

For warranty claims, technical assistance, or any other inquiries, please contact maXpeedingrods customer service. Refer to your purchase documentation for specific contact details or visit the official maXpeedingrods website.

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