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> Suspension Rod Kit Replacement Manual

M93DVN 1CWTW4705GW0

Suspension Rod Kit Replacement Manual

For Whirlpool, Kenmore, Maytag, Admiral, Amana, Crosley, Inglis, and Roper Washers

Brand: M93DVN | Model: 1CWTW4705GW0 (and compatible models)

1. INTRODUCTION

This manual provides essential information for the installation, maintenance, and troubleshooting of the M93DVN Suspension Rod Kit. This kit is designed as a replacement part for various washing machine models from brands such as Whirlpool, Kenmore, Maytag, Admiral, Amana, Crosley, Inglis, and Roper. The suspension rods are critical components that support the washer's tub and dampen vibrations during operation, ensuring stable and quiet performance.

2. COMPATIBILITY

This suspension rod kit is compatible with a wide range of washing machine models. Please verify your washer's model number against the list below to ensure compatibility. The kit replaces original suspension rods for the following models:



Image: The kit is designed for wide compatibility across various washer models.

- **For Whirlpool:** 1CWTW4705GW0, 1CWTW4815EW0, 1CWTW4815EW1, 1CWTW4845EW0, 1CWTW4845EW1,

2DWTW4705EW0, 2DWTW4705EW1, 2DWTW4815GW0, 2DWTW4845EW0, 2DWTW4845EW1, 3DWTW3000FW0
RESIDENTIAL Washer

- **For Kenmore:** 11020102310, 11020112310, 11020112311, 11020242510, 11020242511, 11022102310, 11022102311, 11022102312, 11022332510, 11022532510, 11022532511, 11023102310, 11023102311 Washer
- **For Maytag:** 3LMVWC315FW0, 3LWTW4705FW0, 3LWTW4815FW0, 4GWTW3000FW0 Washer
- **For Admiral:** 4KATW5215FW0, 4KMVWC215FW0, 4KMVWC315FW0 Washer
- **For Amana:** 4KNTW4605FW0, 4KNTW4705FW0, 4KWTW4605FW0, 4KWTW4705FW0, 4KWTW4815FW0, 7MMVWC355DW0, 7MMVWC355DW1, 7MWET4027HW0, 7MWGT4027HW0, 7MWTW1500EM0, 7MWTW1500EM1, 7MWTW1700EM0, 7MWTW1700EM1, 7MWTW1805EM0, 7MWTW1805EM1, 7MWTW1904DM0, 7MWTW1904DM1, 7MWTW1905DW0, 7MWTW1905DW1, 7MWTW1935DW0, 7MWTW1935DW1, 7MWTW1950EW0, 7MWTW1950EW1, 7MWTW1955EW0, 7MWTW1955EW1, 7MWTW9920EM0, ATW4516HW0, ATW4675EW0, ATW4676BQ0, ATW4676BQ1 Washer
- **For Crosley:** CAW35114GW0, CAW35114GW1, CAW8350EW0, CAW8350EW1, CAW8350EW2, CAW9244DW0, CAW9244DW1, CAW9352EW1, CAW9352EW2, CAW9444DW0, CAW9444DW1 Washer
- **For Inglis:** ITW4671DQ0, ITW4671EW0, ITW4671EW1, ITW4771DQ0, ITW4771EW0, ITW4871FW0, ITW4871FW1, ITW4871FW2, MVWC200BW0, MVWC200BW1, MVWC215EW0, MVWC215EW1, MVWC300BW0, MVWC300BW1, NTW4516FW0, NTW4516FW1, NTW4516FW2, NTW4516FW3, NTW4601BQ0, NTW4601BQ1, NTW4605EW0, NTW4605EW1, NTW4611BQ0, NTW4611BQ1, NTW4615EW0, NTW4631BQ0, NTW4631BQ1, NTW4635EW0, NTW4651BQ0, NTW4651BQ1, NTW4655EW0, NTW4655EW1, NTW4665GW0, NTW4701BQ0, NTW4701BQ1, NTW4705EW0, NTW4705EW1, RTW4516FW0 Washer
- **For Roper:** RTW4516FW1, RTW4516FW2, RTW4641BQ0, RTW4641BQ1, VAW3584GW0, VAW3584GW1, WET4027HW0, WETLV27HW0, WETLV27HW1, WGT4027HW0, WGTLV27HW0, WGTLV27HW1, WTW4616FW0, WTW4616FW1, WTW4616FW2, WTW4715EW0, WTW4715EW2, WTW4800BQ0, WTW4800BQ1, WTW4810BQ0, WTW4810BQ1, WTW4810EW0, WTW4810EW1, WTW4810EW2, WTW4815EW0, WTW4815EW1, WTW4815EW2, WTW4816FW0, WTW4816FW1, WTW4816FW2, WTW4850BW0, WTW4850BW1, WTW4850BW2, YWET4027H Washer

3. PRODUCT COMPONENTS

The M93DVN Suspension Rod Kit typically includes the following components:

- **Suspension Rods:** Four (4) black metal rods with a hook at one end and a spring assembly at the other. These rods support the washer tub.
- **Suspension Balls/Bushings:** Eight (8) white plastic components, typically four upper and four lower, that fit onto the suspension rods and into the washer frame/tub.



Image: Overview of all components included in the suspension rod kit.



Image: Detailed view of a single suspension rod and its associated components.

4. INSTALLATION / SETUP

Replacing washer suspension rods requires mechanical aptitude and adherence to safety precautions. If you are unsure about any step, it is recommended to consult a qualified appliance technician.

Safety Precautions:

- **Disconnect Power:** Always unplug the washing machine from the electrical outlet before beginning any repair or maintenance.
- **Disconnect Water:** Turn off the water supply to the washer and disconnect the water inlet hoses.
- **Drain Water:** Ensure the washer tub is empty of water.
- **Wear Protective Gear:** Use gloves and eye protection to prevent injury.

General Installation Steps (May vary by model):

1. **Access the Tub:** Depending on your washer model, you may need to remove the top panel, front panel, or rear panel to gain access to the suspension rods. Refer to your specific washer's service manual for detailed access instructions.
2. **Identify Rod Locations:** Suspension rods are typically located at each corner of the washer tub, connecting it to the outer frame.
3. **Remove Old Rods:** Carefully unhook the old suspension rods from both the washer tub and the frame. Note the orientation of the springs and bushings for reassembly.
4. **Install New Rods:** Install the new suspension rods in the reverse order of removal. Ensure the springs and plastic bushings are correctly seated. The hook end typically attaches to the washer frame, and the spring/bushing end attaches to the tub.
5. **Verify Installation:** Once all new rods are in place, gently push down on the tub to ensure it moves freely and returns to its centered position. The tub should be level.
6. **Reassemble Washer:** Reattach any panels removed during the process.
7. **Reconnect Utilities:** Reconnect water hoses and plug the washer back into the electrical outlet.
8. **Test Operation:** Run a small, empty load cycle to check for proper operation and stability.

5. OPERATING CONSIDERATIONS

While suspension rods are not directly operated by the user, their proper function is crucial for the washing machine's

performance. Properly installed suspension rods ensure:

- **Reduced Vibration:** Minimizes excessive shaking and movement of the washer during spin cycles.
- **Noise Reduction:** Dampens noise caused by tub movement.
- **Balanced Loads:** Helps the washer maintain balance, especially with uneven loads, preventing error codes and premature wear.
- **Extended Appliance Life:** Protects other internal components from stress due to excessive vibration.

6. MAINTENANCE

Suspension rods are designed for durability, but regular maintenance of your washing machine can help prolong their lifespan and the overall health of your appliance.

- **Balance Loads:** Always distribute laundry evenly in the washer tub to prevent excessive strain on the suspension system during spin cycles.
- **Avoid Overloading:** Do not exceed the washer's recommended load capacity. Overloading can put undue stress on the suspension rods and other components.
- **Regular Cleaning:** Keep the area around the washer clean and free of debris. While not directly related to the rods, a clean environment helps overall appliance health.
- **Inspect Periodically:** If you notice increased vibration or noise, inspect the suspension rods for signs of wear, bending, or damage.

7. TROUBLESHOOTING

If your washing machine exhibits symptoms related to suspension issues, consider the following troubleshooting steps:

Symptom	Possible Cause	Solution
Excessive shaking or vibration during spin cycle	Worn or broken suspension rods/springs; unbalanced load.	Ensure laundry is evenly distributed. Inspect suspension rods for damage and replace if necessary.
Loud banging or thumping noise	Damaged or dislodged suspension rods; tub hitting the washer frame.	Check all suspension rods for proper seating and integrity. Replace any damaged rods.
Washer tub appears off-center or sagging	One or more suspension rods have failed or are bent.	Inspect all rods. Replace the entire set of suspension rods for optimal performance, even if only one appears damaged.

Note: If troubleshooting steps do not resolve the issue, or if you are uncomfortable performing repairs, contact a certified appliance repair technician.

8. SPECIFICATIONS

Key specifications for the M93DVN Suspension Rod Kit:

- **Manufacturer:** M93DVN
- **Part Number:** 1CWTW4705GW0 (Primary reference, compatible with many others)
- **Product Dimensions:** Approximately 1 x 1 x 1 inches (Note: This is likely packaging or a generic placeholder. Actual rod length will be specific to washer models.)
- **Item Model Number:** 1CWTW4705GW0
- **ASIN:** B0CQLZ7SZ2

- **Material:** High-quality materials for durability and smooth operation.

9. WARRANTY AND SUPPORT

The M93DVN Suspension Rod Kit is manufactured with quality in mind. For support or warranty claims, please refer to the information below:



Image: Highlights of product features including warranty information.

- **Warranty:** The product is backed by a 90-day warranty.
- **Return Policy:** A 30-day refund/replacement policy is typically available through the retailer.
- **Quality Assurance:** The replacement part is made from durable, high-quality material and is well-tested. It is designed to fit OEM standards.
- **Customer Support:** For any issues or inquiries regarding the product, please contact the seller or manufacturer directly through your purchase platform.