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FALLER 140426

Faller 140426 Octopussy Roundabout HO Scale Kit Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Faller 140426 Octopussy Roundabout HO Scale Kit. This kit is a pre-colored plastic model designed for enthusiasts aged 14 and up, offering a realistic addition to your HO scale (1:87) model railway or diorama.

Please read all instructions carefully before beginning assembly to ensure proper construction and safe operation.

2. SAFETY INFORMATION

- **Age Recommendation:** This product is not a toy and is intended for individuals 14 years of age and older. Keep out of reach of younger children.
- **Small Parts:** The kit contains small parts that may pose a choking hazard. Exercise caution during assembly and keep components away from young children.
- **Adhesives:** Assembly requires plastic cement (not included). Use adhesives in a well-ventilated area and follow the manufacturer's safety instructions for the specific adhesive used.
- **Sharp Edges:** Some plastic components may have sharp edges. Handle with care to prevent injury.
- **Electrical Components:** If the model includes electrical components, ensure all connections are secure and correctly wired to prevent short circuits or malfunction. Disconnect power before performing any maintenance.

3. PACKAGE CONTENTS

Before starting assembly, verify that all components are present and undamaged. Your Faller 140426 Octopussy Roundabout kit should include:

- Pre-colored plastic parts for the Octopussy Roundabout structure.
- Motor and gear components for animated movement.
- Control unit and wiring for electrical connection.
- Detailed assembly instructions.

Note: Plastic cement, tools, and additional decorative elements are not included and must be purchased

separately.

4. SETUP AND ASSEMBLY

Assembly of the Faller 140426 Octopussy Roundabout requires careful attention to detail. Refer to the included assembly instructions for step-by-step guidance.

- Preparation:** Lay out all parts and familiarize yourself with the assembly diagrams. Ensure you have a clean, well-lit workspace and all necessary tools (e.g., hobby knife, tweezers, plastic cement).
- Part Removal:** Carefully remove plastic parts from their sprues using a hobby knife or clippers. Smooth any rough edges with a fine file or sandpaper.
- Structural Assembly:** Begin by assembling the main base and support structures as indicated in the instructions. Use plastic cement sparingly to create strong bonds. Allow sufficient drying time for each section before proceeding.
- Mechanical Components:** Install the motor, gears, and moving arms according to the diagrams. Pay close attention to the alignment of gears and pivot points to ensure smooth operation.
- Electrical Wiring:** Connect the motor and any lighting (if applicable) to the control unit using the provided wiring. Ensure correct polarity and secure connections. Refer to the wiring diagram in the assembly instructions.
- Detailing:** Attach all decorative elements, railings, and signage to complete the model.



Figure 1: Assembled Faller 140426 Octopussy Roundabout HO Scale Kit, showing the main structure and separate control unit.

5. OPERATING INSTRUCTIONS

Once fully assembled and all adhesives have cured, your Octopussy Roundabout is ready for operation.

- Power Connection:** Connect the control unit to a suitable power source as specified in the assembly

instructions (e.g., model railway transformer, DC power supply). Ensure the voltage and current match the requirements of the motor.

2. **Initial Test:** Turn on the power. The roundabout should begin to rotate and the gondola arms should move as designed. Observe for any unusual noises or jerky movements.
3. **Adjustments:** If the movement is not smooth, turn off the power and check for any obstructions or misaligned gears. Ensure all moving parts are free to move without binding.
4. **Continuous Operation:** The Octopussy Roundabout is designed for continuous display and operation within your model environment.

6. MAINTENANCE

Regular maintenance will help preserve the appearance and functionality of your model.

- **Cleaning:** Dust the model regularly with a soft brush or compressed air to prevent dust buildup, which can affect moving parts. Avoid using harsh chemicals or abrasive cleaners.
- **Lubrication:** Periodically apply a small amount of plastic-safe lubricant to the gears and pivot points of the moving arms to ensure smooth operation and reduce wear.
- **Electrical Check:** Occasionally inspect wiring and connections for any signs of wear or looseness. Secure any loose connections.
- **Storage:** When not in use, store the model in a clean, dry environment away from direct sunlight and extreme temperatures to prevent material degradation.

7. TROUBLESHOOTING

If you encounter issues with your Octopussy Roundabout, refer to the following troubleshooting guide:

- **Model Does Not Move:**
 - Check power supply connection to the control unit.
 - Verify all electrical connections from the control unit to the motor are secure and correctly wired.
 - Ensure no parts are obstructing the motor or gear mechanism.
 - Confirm the motor is properly seated and connected to the gear train.
- **Jerky or Irregular Movement:**
 - Inspect gears for any debris or misalignment. Clean and realign if necessary.
 - Check the support arms and gondolas for any binding or friction points. Lubricate pivot points if needed.
 - Ensure the power supply is stable and providing adequate voltage.
- **Parts Do Not Fit Together:**
 - Re-examine the assembly instructions and diagrams to ensure correct part orientation.
 - Check for excess plastic (flash) on parts that might prevent proper fit. Carefully trim with a hobby knife.
 - Ensure you are using the correct parts for each step.
- **Adhesive Not Holding:**
 - Ensure you are using a plastic-specific cement suitable for polystyrene.
 - Apply cement to clean, dry surfaces.
 - Allow adequate curing time as specified by the adhesive manufacturer.

8. SPECIFICATIONS

Model Number	140426
Brand	FALLER
Scale	HO (1:87)
Product Dimensions (L x W x H)	10.55 x 2.64 x 14.72 inches (26.8 x 6.7 x 37.4 cm)
Item Weight	1.6 pounds (0.73 kg)
Material	Plastic
Recommended Age	14 years and up

9. WARRANTY AND SUPPORT

For specific warranty information or technical support regarding your Faller 140426 Octopussy Roundabout HO Scale Kit, please refer to the documentation included in your product packaging or contact Faller customer service directly. Contact details can typically be found on the manufacturer's official website.