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> [Kyosho IF466 Center Differential & Servo Mount Spacer Set \(MP9\) Instruction Manual](#)

## Kyosho K.IF466

# Kyosho IF466 Center Differential & Servo Mount Spacer Set (MP9)

Instruction Manual

## 1. INTRODUCTION

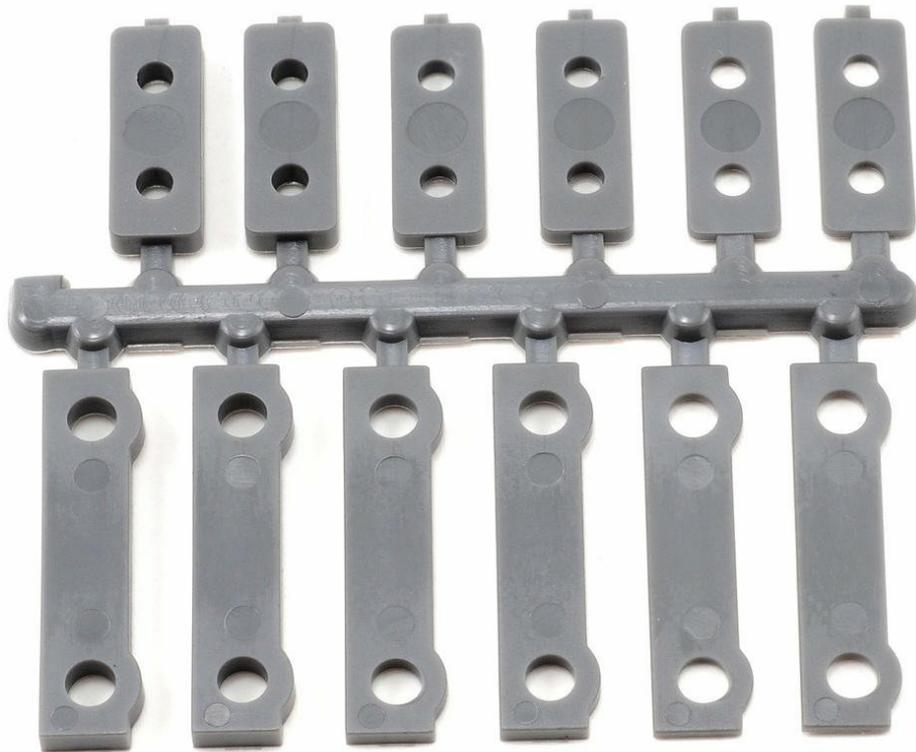
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This manual provides essential information for the proper installation, use, and maintenance of the Kyosho IF466 Center Differential & Servo Mount Spacer Set. This component is designed for use with Kyosho MP9 series remote-controlled vehicles to ensure correct spacing and alignment of the center differential and servo mount assemblies.

## 2. PRODUCT OVERVIEW

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The Kyosho IF466 set includes multiple precision-molded plastic spacers. These spacers are crucial for achieving the correct clearances and preventing unwanted movement or binding within the center differential and servo mounting areas of your RC vehicle. Proper use of these spacers contributes to the longevity and performance of your vehicle's drivetrain and steering components.



**Figure 1:** Packaging of the Kyosho IF466 Center Differential & Servo Mount Spacer Set. The image displays the product in its retail packaging, showing multiple dark grey plastic spacers still attached to a sprue.

### 3. SETUP AND INSTALLATION

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Follow these general guidelines for installing the IF466 spacers. Always refer to your specific Kyosho MP9 vehicle's assembly manual for detailed, model-specific instructions and diagrams.

1. **Identify Placement:** Locate the areas on your Kyosho MP9 chassis where the center differential and servo mount require spacing. These are typically indicated in your vehicle's manual.
2. **Select Correct Spacers:** The IF466 set may contain spacers of varying thicknesses or shapes. Choose the appropriate spacers as specified by your vehicle's manual to achieve the desired clearance and alignment.
3. **Clean Components:** Ensure all mating surfaces on the chassis, differential, and servo mount are clean and free of debris before installation.
4. **Position Spacers:** Carefully place the selected spacers between the components as instructed. Ensure they sit flush and do not obstruct any moving parts.
5. **Secure Components:** Reassemble and secure the center differential and servo mount using the appropriate screws and fasteners. Tighten screws to the recommended torque specifications to prevent overtightening or loosening during operation.
6. **Verify Alignment:** After installation, manually check for proper alignment and smooth operation of the differential and servo. There should be no binding or excessive play.

### 4. OPERATING CONSIDERATIONS

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Once installed, the IF466 spacers function passively to maintain the correct geometry of your RC vehicle's components. While there are no active "operating" steps for the spacers themselves, their correct installation directly impacts the vehicle's performance:

- **Drivetrain Efficiency:** Properly spaced center differentials reduce friction and wear, leading to more efficient power transfer.
- **Steering Precision:** Correctly mounted servos with appropriate spacing ensure precise and consistent steering response.
- **Component Longevity:** Preventing misalignment and binding extends the lifespan of your differential gears, bearings, and servo.

## 5. MAINTENANCE

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Regular inspection and maintenance of the IF466 spacers and surrounding components are recommended to ensure optimal performance and prevent premature wear.

- **Visual Inspection:** Periodically inspect the spacers for signs of wear, cracks, or deformation. Replace any damaged spacers immediately.
- **Cleanliness:** Keep the areas around the center differential and servo mount clean. Dirt and debris can cause premature wear or affect component alignment.
- **Fastener Check:** Ensure all screws and fasteners holding the differential and servo mount are securely tightened. Vibrations during operation can cause them to loosen over time.
- **Replacement:** If spacers show significant wear or if you notice any issues with component alignment or binding, replace them with new Kyosho IF466 spacers.

## 6. TROUBLESHOOTING

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If you encounter issues related to the center differential or servo mount after installing the spacers, consider the following:

- **Binding or Excessive Friction:**
  - Verify that the correct spacers are used according to your vehicle's manual.
  - Check for any foreign objects or debris obstructing movement.
  - Ensure screws are not overtightened, which can cause components to bind.
- **Loose Components or Excessive Play:**
  - Confirm that all fasteners are tightened securely.
  - Ensure the correct number and thickness of spacers are used to eliminate play without causing binding.
  - Inspect spacers for wear that might lead to looseness.
- **Unusual Noise:**
  - A grinding or clicking noise may indicate misalignment or worn gears/bearings. Recheck spacer installation and component alignment.

If problems persist, consult your Kyosho MP9 vehicle's comprehensive manual or contact Kyosho customer support.

## 7. SPECIFICATIONS

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Feature	Detail
Model Number	IF466 (K.IF466)
Product Type	Center Differential & Servo Mount Spacer Set
Compatibility	Kyosho MP9 series RC vehicles
Material	Durable plastic
Product Dimensions	5.39 x 3.23 x 0.43 inches (packaging)
Item Weight	0.352 ounces
Manufacturer	Kyosho

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*This manual is for informational purposes only. Kyosho reserves the right to change product specifications without prior notice.*