

## Team Associated ASC91641

# Team Associated 91641 Shock Spring Instruction Manual

Model: ASC91641

## INTRODUCTION

This manual provides essential information for the proper installation, use, and maintenance of your Team Associated 91641 Shock Springs. These springs are designed to enhance the performance of compatible remote-controlled vehicles by providing consistent suspension damping.

## PRODUCT OVERVIEW

The Team Associated 91641 Shock Spring set includes two 72mm shock springs with a rate of 2.60 lb/in and a 12mm diameter. These components are crafted from durable material and are black and grey in color, ensuring both performance and longevity for your RC vehicle's suspension system.

### What's Included:

- 1 set of 2 shock springs

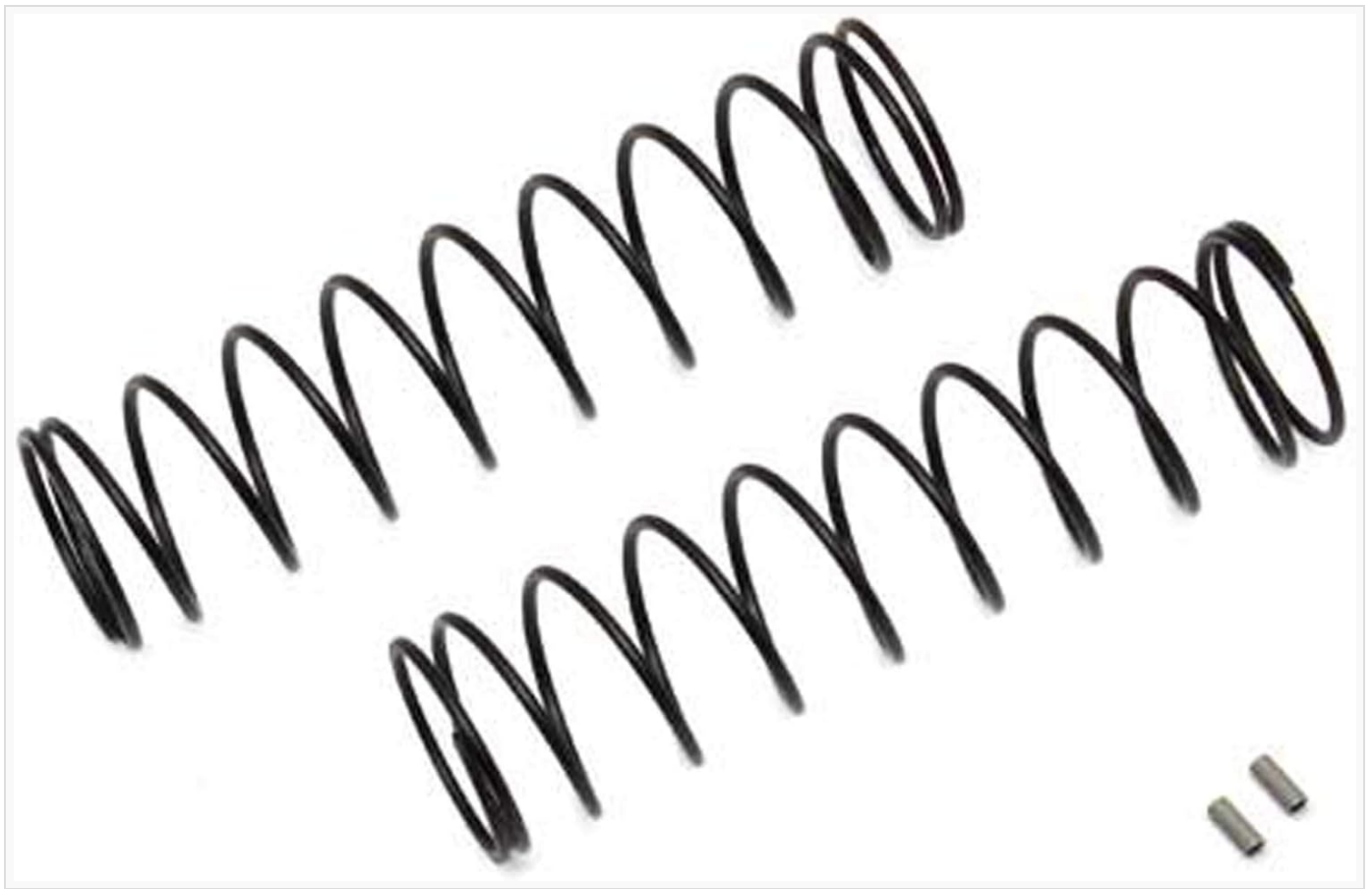


Image: The Team Associated 91641 Shock Spring set, showing two black coil springs and two small metal pins, ready for installation.

## COMPATIBILITY

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These shock springs are compatible with the following Team Associated RC vehicle kits:

- RC10SC5M
- RC10T4.2
- RC10T5M

Ensure your vehicle model is listed above for proper fitment and optimal performance.

## INSTALLATION AND SETUP

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Proper installation of shock springs is crucial for vehicle performance and safety. Refer to your specific RC vehicle's instruction manual for detailed shock assembly and disassembly procedures. The following steps outline the general process for replacing or installing shock springs:

1. **Preparation:** Gather necessary tools, which typically include small screwdrivers, pliers, and a shock shaft tool. Ensure your workspace is clean and well-lit.
2. **Remove Old Spring (if applicable):** Carefully disassemble the shock absorber according to your vehicle's manual. This usually involves removing the lower shock cap or retainer to release the existing spring.
3. **Inspect Components:** Before installing the new spring, inspect the shock shaft, O-rings, and shock body for any wear or damage. Replace any worn parts as needed.
4. **Install New Spring:** Slide the Team Associated 91641 Shock Spring over the shock shaft. Ensure it seats correctly against the lower spring retainer and the upper shock cap.
5. **Reassemble Shock:** Reassemble the shock absorber, ensuring all components are securely fastened. Pay attention to proper O-ring placement and shock oil levels if the shock was fully disassembled.

- 6. **Test Suspension:** After installation, gently compress and release the suspension to ensure smooth operation and proper spring action. Check for any binding or uneven movement.
- 7. **Adjust Preload (Optional):** If your vehicle's shocks have threaded bodies or spring preload clips, adjust the spring preload to achieve the desired ride height and suspension stiffness. Refer to your vehicle's tuning guide for recommended settings.

Always consult your RC vehicle's specific manual for detailed instructions and safety precautions related to shock maintenance and assembly.

## MAINTENANCE

To ensure the longevity and consistent performance of your Team Associated 91641 Shock Springs and overall suspension system, regular maintenance is recommended:

- **Regular Inspection:** Periodically inspect the springs for any signs of damage, bending, or fatigue. Replace springs that show signs of wear or deformation.
- **Cleanliness:** Keep the springs and surrounding shock components clean from dirt, dust, and debris. A soft brush and mild cleaner can be used, followed by thorough drying.
- **Shock Oil:** While the springs themselves do not require lubrication, ensure the shock absorbers contain the correct type and amount of shock oil as specified by your vehicle's manufacturer.
- **Storage:** Store spare springs in a clean, dry environment away from extreme temperatures and corrosive materials.

## TROUBLESHOOTING

If you experience issues with your vehicle's suspension after installing or using the Team Associated 91641 Shock Springs, consider the following:

- **Uneven Ride Height:**
  - Verify that both springs are identical and correctly installed.
  - Check for proper shock assembly and equal shock oil levels (if applicable) on both sides of the vehicle.
  - Ensure spring preload adjusters are set evenly.
- **Poor Damping/Bouncing:**
  - This is typically related to shock oil viscosity or internal shock components, not the spring itself. Consult your vehicle's manual for shock oil recommendations.
  - Ensure shock shafts move freely without binding.
- **Springs Falling Out:**
  - Confirm that the lower spring retainer and upper shock cap are securely in place.
  - Ensure the springs are the correct length and diameter for your shock bodies.

For persistent issues, refer to your RC vehicle's comprehensive manual or contact Team Associated customer support.

## SPECIFICATIONS

Model Number	ASC91641
Spring Length	72mm
Spring Rate	2.60 lb/in
Spring Diameter	12mm

Color	Black and Grey
Material	Durable material
Product Dimensions	3.25 x 0.63 x 5.25 inches (packaging)
Item Weight	0.479 ounces
Manufacturer Recommended Age	16 years and up

## WARRANTY AND SUPPORT

Specific warranty information for the Team Associated 91641 Shock Springs is not provided in this manual. For details regarding warranty coverage, technical support, or replacement parts, please contact Team Associated directly or refer to their official website. Always retain your proof of purchase.

