

# JRZ 14 31

## Quadruple Adjustable Motorsport Damper

JRZ Suspension Engineering is proud to offer our newest quadruple adjustable racing damper, the **JRZ 14 31**.

Building upon the years of success of our original quadruple adjustable, the 14 31 takes our damping philosophy to the next level.



Rebound valving has been completely redesigned to eliminate influence over compression forces and smooth pressure development. At the heart of the new 14 31 package is our latest motorsport piston, designed to give increased control over base characteristics, reduce hysteresis and operate smoother.

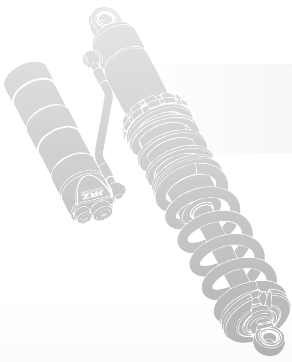
To ensure that the valving designed into the 14 31 are the determining forces, JRZ has included new low friction coatings, seals and bearings with this package. Custom applications are available.



Every adjustment has an increased damping force range with finer adjustments engineered to enable the chassis tuner to make significant, predictable changes every time.

Compression and rebound adjustments are separated into the high speed and low speed piston velocity ranges affecting the bleed and blow off points of the damping curve. All oil flow paths in the JRZ 14 31 have been redesigned to maximize efficiency and give crisp feel to the driver.





An easy to use system, the JRZ 14 31 enables the chassis tuner to achieve the desired mass control and handling with precision.

Digressive high speed blow off adjustment allows for highly tuneable mass control while maintaining smooth response and without losing traction. The low speed bleed adjustment is a powerful tool that enables the chassis tuner to maximize grip and optimize vehicle balance.

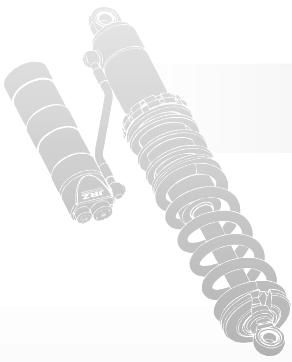
#### Features:

- Rebound adjustment independent from compression
- Extra large adjustment range
  - 12 clicks low speed compression
  - 21 clicks high speed compression
  - 8 clicks low speed rebound

The result is a damper that provides ultimate chassis and ride height control with maximum mechanical traction. The JRZ standard 22 mm piston rod works in concert with the high speed valving to maximize blow off valve response, achieving solid chassis control without using a high spring rate.

JRZ 14 31 dampers are shipped with 360 degree swivel hoses and are available with zero-inclusion quick disconnects for mounting canisters within the chassis for ease of adjustment accessibility.





Even with a large range, each adjustment is designed to be a small, even step giving precision and confidence when making changes.

Our newest motorsport piston has been developed to deliver a smooth and responsive damping characteristic.

To customize track to track setups and tailor the chassis to the driver; the JRZ 14 31 has an adjustment range able to provide damping to spring configurations ranging from 1.5-6Hz on vehicles with moderate to large aerodynamics loads.

The JRZ 14 31 is here to take you to the next level. Dedicated racing cars with experienced drivers deserving of the professional technology JRZ delivers. With valving designed and innovated by JRZ Suspension Engineering, the JRZ 14 31 is shipped as a custom configuration always tailored to the customer's needs, and always comes with our world renowned personal service.



#### Benefits

- Precise control of the chassis and unsprung masses
- Easy to change damping curves
- Large adjustment range, with fine tuning ability

