

# Single Cylinder 347cc And 498cc And Ex 347cc Models: A Journey of Power and Precision



**Matchless Motorcycles Maintenance Manual 1939 - 1955: Single-Cylinder 347cc and 498cc and EX-W.D. 347cc Models.** by Bookdrawer

★★★★☆ 4.2 out of 5

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## : The Allure of Single-Cylinder Motorcycles

In the realm of motorcycling, single-cylinder engines hold a special place. Their simplicity, reliability, and raw power have captivated riders for decades. From conquering rugged terrains to navigating city streets, single-cylinder motorcycles offer an exhilarating and liberating experience.

Among the most iconic single-cylinder models are the 347cc, 498cc, and EX 347cc. These machines have earned a reputation for their exceptional performance and versatility, making them a top choice for adventure-seeking riders.

## Chapter 1: The History of Single-Cylinder Motorcycles

The origins of single-cylinder motorcycles can be traced back to the late 19th century. In 1884, the German engineer Gottlieb Daimler developed the first single-cylinder internal combustion engine. This invention laid the foundation for the development of motorcycles, bicycles with motorized assistance.

Over the following decades, single-cylinder motorcycles quickly gained popularity due to their affordability, ease of maintenance, and adaptability to various terrains. They were particularly well-suited for military applications, where their maneuverability and reliability proved invaluable.

## **Chapter 2: The Evolution of 347cc, 498cc, and EX 347cc Models**

The 347cc, 498cc, and EX 347cc models represent significant milestones in the evolution of single-cylinder motorcycles. These engines have been refined over decades, incorporating technological advancements to enhance their performance and reliability.

The 347cc model was introduced in the early 1950s and quickly became a favorite among enthusiasts due to its lightweight and agile handling. The 498cc model, launched in the 1960s, offered increased power and torque, making it ideal for both on-road and off-road adventures.

The EX 347cc model, a modern iteration of the classic 347cc, was introduced in the 21st century with fuel injection and electronic ignition for improved efficiency and performance.

## **Chapter 3: Specifications and Performance of 347cc, 498cc, and EX 347cc Models**

### **347cc Model**

- Engine: 347cc, single-cylinder, air-cooled
- Power Output: 20-25 horsepower
- Torque: 18-22 foot-pounds
- Top Speed: 70-80 mph
- Fuel Economy: 50-60 mpg

### **498cc Model**

- Engine: 498cc, single-cylinder, air-cooled
- Power Output: 30-35 horsepower
- Torque: 25-30 foot-pounds
- Top Speed: 80-90 mph
- Fuel Economy: 45-55 mpg

### **EX 347cc Model**

- Engine: 347cc, single-cylinder, fuel-injected, electronically ignited
- Power Output: 25-30 horsepower
- Torque: 20-25 foot-pounds
- Top Speed: 80-90 mph
- Fuel Economy: 60-70 mpg

## **Chapter 4: Riding Experience and Applications**

Single-cylinder 347cc, 498cc, and EX 347cc models offer a unique and exhilarating riding experience. Their compact size, low center of gravity,

and responsive handling make them ideal for navigating tight corners and maneuvering through traffic. The raw power and torque of these engines provide ample acceleration and hill-climbing ability, making them suitable for both on-road and off-road adventures.

These motorcycles are particularly well-suited for:

- Commuting and city riding
- Adventure touring
- Trail riding
- Enduro racing

## **Chapter 5: Maintenance and Ownership**

Single-cylinder 347cc, 498cc, and EX 347cc models are known for their reliability and ease of maintenance. Regular servicing, including oil changes, filter replacements, and brake inspections, will ensure optimal performance and extend the life of these machines.

Parts and accessories for these models are widely available, making it convenient and affordable to keep them in excellent condition. With proper care and maintenance, single-cylinder motorcycles can provide years of trouble-free riding.

## **Chapter 6: The Single-Cylinder Brotherhood**

Owning a single-cylinder 347cc, 498cc, or EX 347cc model is more than just possessing a machine; it's joining a community of enthusiasts who share a passion for these remarkable motorcycles. From online forums to

local meetups, there are numerous opportunities to connect with fellow riders, share experiences, and learn from others.

The single-cylinder brotherhood celebrates the spirit of adventure, camaraderie, and the joy of exploring the open road on a motorcycle that embodies simplicity, power, and freedom.

## : The Adventure Continues

Single-cylinder 347cc, 498cc, and EX 347cc models represent the pinnacle of motorcycle engineering and the embodiment of the adventure-seeking spirit. With their proven reliability, exceptional performance, and versatility, these machines are the perfect companions for riders looking to explore new horizons and embrace the thrill of the open road.

Whether you're a seasoned rider or just starting your journey, a single-cylinder motorcycle will ignite your passion for adventure and provide countless unforgettable experiences. So, embrace the legacy of single-cylinder motorcycles and embark on your own adventure today.



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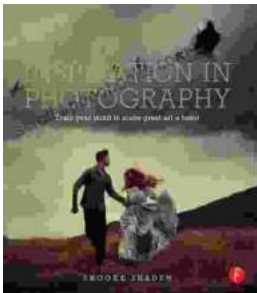
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