

cessna 172rg parts catalog 1980 85 cessna 172 rg parts

Cessna 172RG parts catalog 1980 85 Cessna 172 RG parts is an essential resource for aircraft owners, mechanics, and aviation enthusiasts looking to maintain or restore one of the most iconic general aviation airplanes. The Cessna 172RG, a variant of the popular Cessna 172, was produced between 1980 and 1985, featuring retractable landing gear, improved performance, and enhanced capabilities. In this article, we will explore the significance of the Cessna 172RG parts catalog, the components specific to the 1980-1985 models, and how to effectively use the catalog for sourcing parts and conducting maintenance.

Understanding the Cessna 172RG

The Cessna 172RG, officially known as the Cessna 172RG Cutlass, is a variant of the Cessna 172 Skyhawk. The "RG" in its name stands for "Retractable Gear," indicating its primary distinguishing feature. This model was introduced to offer better performance and fuel efficiency compared to its fixed-gear predecessors. The following are some key characteristics of the Cessna 172RG:

- **Engine:** The Cessna 172RG is powered by a Lycoming IO-360-L2A engine, which provides a maximum horsepower of 180 HP.
- **Retractable Landing Gear:** This feature reduces drag, thus improving speed and fuel efficiency.
- **Wing Design:** The aircraft incorporates a low-wing design, contributing to stability and ease of handling.
- **Seating Capacity:** Typically accommodates four people, including the pilot.

These features make the Cessna 172RG a popular choice for flight schools, private owners, and aviation enthusiasts alike.

The Importance of the Parts Catalog

A parts catalog serves as a comprehensive reference guide for identifying, sourcing, and replacing components on the Cessna 172RG. Here's why it is crucial:

1. Accurate Identification of Parts

The parts catalog provides detailed illustrations and part numbers, enabling users to accurately identify components. This is particularly important for maintenance and repairs, as using the wrong part can lead to safety issues or additional problems.

2. Assisting with Maintenance and Repairs

Regular maintenance is essential for aircraft safety and reliability. The parts catalog outlines the recommended parts for specific maintenance tasks, helping mechanics ensure they are using the correct components. This reduces the likelihood of errors during repairs.

3. Sourcing Parts

Finding replacement parts for older aircraft can be challenging. The catalog not only lists available parts but also often includes information on suppliers and manufacturers, making it easier for owners and mechanics to source what they need.

4. Supporting Restoration Projects

For those involved in restoring older aircraft, having access to a parts catalog is invaluable. It allows restorers to track down original parts, ensuring that the aircraft is returned to its original specifications.

Key Components of the 1980-1985 Cessna 172RG Parts Catalog

The Cessna 172RG parts catalog for the years 1980 to 1985 includes a variety of components essential for the aircraft's operation. Here are some of the key categories of parts:

1. Airframe Components

The airframe components include the structure of the aircraft and its aerodynamic surfaces. Important parts in this category are:

- Fuselage
- Wings
- Tail section

- Landing gear assembly

2. Engine Parts

The engine is a critical component of the Cessna 172RG. The parts catalog includes:

- Lycoming IO-360-L2A engine components
- Fuel system parts
- Electrical system components

3. Control Systems

The control systems are vital for the pilot's ability to operate the aircraft safely. Key parts include:

- Flight control surfaces (elevator, ailerons, rudder)
- Control cables and linkages
- Trim systems

4. Avionics

Modern avionics are crucial for navigation and communication. The catalog includes details on:

- Radio systems
- Transponders
- GPS units

How to Use the Cessna 172RG Parts Catalog

Using the Cessna 172RG parts catalog effectively involves several steps:

1. Referencing Part Numbers

Always start by referencing the specific part number for the component you need. This ensures that you are looking at the correct item in the catalog.

2. Cross-Referencing with Maintenance Manuals

It is beneficial to cross-reference the parts catalog with the aircraft's maintenance manual. This helps ensure that you are using the right parts for specific maintenance tasks.

3. Consulting with Professionals

If you are unsure about the replacement part or the maintenance procedure, consult with a certified aircraft mechanic or professional. Their expertise can help prevent potential issues.

4. Keeping an Updated Catalog

Parts catalogs can undergo revisions. Ensure that you are using the most recent version of the catalog to access the latest information on parts availability and specifications.

Challenges in Sourcing Cessna 172RG Parts

While the Cessna 172RG parts catalog is an invaluable resource, sourcing parts can present challenges, especially for older models. Here are some common issues:

1. Limited Availability

As the Cessna 172RG is no longer in production, some parts may be difficult to find. Owners may need to rely on salvage yards, online marketplaces, or specialized aviation suppliers.

2. Variability in Quality

When sourcing used parts, there can be variability in quality. It is crucial to ensure that any used components meet safety and performance standards.

3. Cost of Parts

Some parts, especially those that are scarce, can be expensive. Budgeting for maintenance and repairs is essential to avoid unexpected costs.

Conclusion

The **Cessna 172RG parts catalog 1980 85 Cessna 172 RG parts** is an indispensable tool for anyone involved in the maintenance, repair, or restoration of this remarkable aircraft. By understanding the significance of the parts catalog and familiarizing yourself with its contents, you can ensure that your Cessna 172RG remains in optimal flying condition. Whether you are a mechanic, a dedicated owner, or an aviation hobbyist, having access to the right information and resources will enhance your experience with this iconic aircraft.

Frequently Asked Questions

What is the significance of the Cessna 172RG parts catalog from 1980 to 1985?

The Cessna 172RG parts catalog from 1980 to 1985 is crucial for identifying and sourcing original parts for repairs and maintenance of the aircraft model, ensuring airworthiness and compliance with aviation regulations.

Where can I find the Cessna 172RG parts catalog from 1980 to 1985?

The parts catalog can typically be found through Cessna's official website, aviation maintenance suppliers, or specialized online aviation parts retailers.

What are common parts listed in the Cessna 172RG parts catalog?

Common parts include the engine components, landing gear, control surfaces, avionics, and airframe parts that are specific to the Cessna 172RG model.

Are there any online forums or communities for Cessna 172RG parts?

Yes, there are several online forums and communities, such as the Cessna Pilots Association and

various aviation enthusiast groups on social media, where owners share information about parts and maintenance.

How do I determine if a part from the 1980-1985 catalog is compatible with my Cessna 172RG?

To determine compatibility, check the part number against the specifications in the parts catalog, or consult with a certified mechanic or Cessna service center.

What maintenance practices are recommended for parts sourced from the 1980-1985 catalog?

Regular inspections, adherence to service bulletins, and following the maintenance schedule outlined in the Aircraft Maintenance Manual (AMM) are recommended for parts sourced from this catalog.

Can I use aftermarket parts for my Cessna 172RG instead of those listed in the 1980-1985 catalog?

While aftermarket parts may be available, it's important to ensure they meet FAA regulations and are compatible with your aircraft to maintain safety and compliance.

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