

DOOR LATCHES – DOOR STEWARD

UNIVERSAL SPRING LOADED LATCHES



These universal spring loaded latches are designed for aircraft canopies, cockpit doors, and baggage doors. They are available in right hand and left hand models with different striker angle lock pins on the two models. These latches work great on a wide variety of experimental aircraft. Latch flange has 3/16" holes drilled for mounting.

Left hand latch (Lock Pin)P/N 05-04520
Right hand latch (Lock Pin)P/N 05-04521



Also available in retracted bolt lock type latch with blunt striker (left hand and right hand).
Left hand latch (Retracted Bolt Lock)P/N 05-00895
Right hand latch (Retracted Bolt Lock)P/N 05-00896



BAGGAGE DOOR LOCKING LATCH FLUSH MOUNT

The locking latch has a 90° rotation handle that opens by pushing the key side of the base face. This deflection opens with the help of a spring and by rotating the handle you will pull locking pins out of the receptacles that are mounted to the inside skin of the Aircraft and outside of baggage door frame. Face opening dimension H 1 3/8" W 5.5" with radius at both ends and a .090 deep lip that will insure a flush mounting. Latch base has 4 10-32 anchor nuts for mounting to the door. The base is made of aluminum and nickel plated. Internal parts are nickel plated or stainless. Locks are weather resistant with 90° cam rotation.

Left Hand LatchP/N 05-12512
Right Hand Latch.....P/N 05-12513

SLIDER PINS AND BRACKET FOR BAGGAGE DOOR LATCH ASSEMBLY



Slider pins and bracket kit for baggage door latch assembly. **In the box:** • Quantity 2 - Kit consists of 3/8" diameter 303 SS slider pins with 3/16 diameter bolt hole at one end of slider for linkage to baggage door assembly • Quantity 2 - Slider bracket dimension H 2" W 1.2" • Quantity 1 - Switch receptacle bracket dimension H 2 3/4" W 1.4" • Quantity 1 - Receptacle bracket dimension H 2" W 1.2" *All brackets are aluminum gold anodized with 10-32 anchor nutsP/N 05-12514



RV-12 CANOPY LOCK

This is an easy to retrofit canopy handle for the RV-12 with an integrated locking mechanism. Over two years was put into the design and testing of this handle. This handle was designed as an easy to install accessory that can be retrofit to an existing aircraft whether painted or unpainted. In addition, it is cnc machined and powder coated and provides a much nicer finish than the stock handle.

P/N 05-12908

ROLL BAR GRAB HANDLES



These Aircraft Roll Bar Grab Handles assists Pilots and Passengers getting in and out of the aircraft. Facilitates the repairman getting out of precarious positions when working under the instrument panel. Specifications: The handles are made from light weight aluminum • They are a solid design for strength • They are 5/16" in diameter and measure 3-1/2" long • The center to center dimension is 4" • The handle length was intentionally designed rather long • It is intended to extend thru a 1-1/2" to 2" diameter roll bar • If the handle is too long for your application, you may simply cut the length short, re-drill, & tap the handle ends.

P/N 06-03154

EASY EXIT BAR FOR VANS RV-A AIRCRAFT



The "Easy Exit Bar" a specialty accessory, developed specifically for use in the RV-A models. The product is installed by the handles on the roll bar to help leverage. Then, a console between the seats to push on the bar is installed. As people get older, getting in and out of the aircraft seems more difficult all the time. When you try to use your feet, you wind up stuffing the carpeting down under the rudder pedals, causing more work and frustration. Not the case with "Easy Exit Bar". With this current design being the all-around top performer. This one accessory can really save the day, and ease wear and tear on the body when exiting and entering the cockpit. The legs are considerably stronger than you're arms, and are accustomed to lifting one's body weight as well.

Carburated.....P/N 05-22376
Fuel InjectedP/N 05-22375

EXPERIMENTAL AIRCRAFT DOOR LATCH



3D view Opening from Exterior Interior View
Open Position This door latch was originally designed for a gull wing door with linkage rods extending both forward and aft, however it can be adapted to virtually any style door with appropriately designed linkage rods. The linkage rods are not included.

Features: • Identically keyed locks for set • Armrest flush mount interior handle • Spring loaded, flush mount exterior handle • Spring ball detent for positive open/ closed stop action

Specifications: • Made from 2024-T3 aluminum • Each latch weighs approx. 10 ounces • Dimensions for applicability pictured below • Driver travel approx. 1.25" forward and aft

For linkage rods the following aluminum is recommended: 1/4" x 1/2"

2024T3P/N 03-00104
Left Hand Door LatchP/N 05-01415
Right Hand Door Latch.....P/N 05-01416
Set of Left/Right Latches.....P/N 05-01420

CESSNA EXTERIOR DOOR HANDLE



The "Help You Out Handle" is a FAA-PMA approved replacement part for a wide variety of Cessna aircraft. When your flimsy cast pot metal OEM door handle breaks in your hand, replace it with this solid metal handle milled from a single Billet of Aluminum. Never again wonder if the OEM handle will break the day someone tries to get you out of the aircraft.

P/N 05-15411

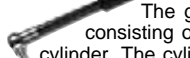
CESSNA DOOR SPRING KIT



McFarlane Cessna Door Spring Kit
Features: • Added support for stronger spring assembly • Improved retention system to prevent spring breakage • Steel coated with black oxide and oil - will last much longer! • Better lubrication

Applications: • Direct replacement for Cessna 182, 206, 210, and 337. P/N 05-27389

THE GAS SPRING



The gas spring is a self-contained counterbalance unit consisting of a piston and piston rod in a hermetically closed cylinder. The cylinder is factory-loaded with an inert gas at a given pressure. The outward force generated is continuous and linear at 45 lbs. Ideal for a canopy closure on homebuilts, as designed for George Meads Adventure.

Thread size: 5/16-18P/N 05-01177

SMALL GAS SPRING H-9530-22



Gas Springs with Composite Ends. Applications Include: Doors, lids, hatches, furniture, boats, recreational vehicles, office equipment and many more. **Note:** All composite end props use 10 mm ball studs. Safety clips are not necessaryP/N 06-03054

DOOR STEWARD™



The Door Steward is an STC and FAA-PMA approved modification for aircraft doors. The modern gas spring greatly improves and replaces easily broken, malfunctioning mechanical type door stops and restraints that become ineffectual with repeated use and age. Pilots enjoy the fact that the Door Steward gently opens and firmly holds the door open. The Door Steward consists of a modern inert gas spring with all the necessary brackets and hardware. Detailed installation instructions are included and make it easy to install and requires virtually no maintenance. Model 200C10

Features: With the Door Steward the door will open and stay open when needed. No more door flopping around in wind gusts or prop wash from taxiing aircraft. The cost is usually much less than repairing or replacing existing OEM door stops. Great on float equipped aircraft when water taxiing. FAA Approved on many single and light twins.

| Application | Part No. | Price |
|--|------------------|-------|
| Cessna 170,172, 175, 180, 182, 185, 205, 206, 207 and 210 (nonpressurized) | 05-00922 Pair | --- |
| Cessna Left Hand Only | 05-11841 | --- |
| Cessna Right Hand Only | 05-11842 | --- |
| Beech model Series: 33, 35, 36, 55, 56, 58 and 95 Piper Model Series 23, 24, 28, 30, 32, 34, 39, 40 and 44 | 05-03574 | --- |
| Fwd Utility Door Cessna 206, 206H, U206, TU206 and 207 | 05-03575 | --- |
| Cessna 177, 177A, 177B and 177RG | 05-04251 | --- |
| Replacement Gas Spring Assembly for the Beech and Piper Door Steward™ with special threaded spherical bearing. | 05-03574-1 | --- |