

FUEL VALVES



SPRL FUEL VALVES

A three/four way fuel selector offering left-off-right and both if required. There are 90 degrees between selections and the absence of a lower fitting reduces the depth required. The lift and turn selector is instinctive, secure, and easier to use than the complex 'lift button' type. The locking detents avoid accidental movements. The fixings match most installations, and the internal ports prevent cross feeds, unless 'selected to 'Both'. Male AN fittings enable you to plumb straight into the aeroplane system with no extra fittings to buy. Suitable for all current fuels. For experimental aircraft only. Fittings must be purchased separately.

The new V4 offers a full flow return added to the existing valve base. Ceramic disks and valve simplicity promise a long life with the ceramics. Please note that the accessories listed below are the only compatible accessories; other standard accessories will not fit these valves.

SPRL V1 3 way valve P/N 05-04450 ---
 SPRL V1 4 way valve P/N 05-04451 ---
 SPRL V4 3 way valve P/N 05-08366 ---
 SPRL V1-3P-C way valve w/ conforming selector
 P/N 05-11464 ---

SPRL V1-4P-C way valve w/ conforming selector
 P/N 05-11465 ---
 SPRL V3-3P-C Duplex valve with conforming selector
 P/N 05-11466 ---
 SPRL V3-4P-C Duplex valve with conforming selector
 P/N 05-11467 ---

ACCESSORIES

Must purchase these parts. Standard AN do not fit the valves.

AN6 Male Fittings (pk of 3) P/N 05-04452 ---
 AN8 Male Fittings (pk of 3) P/N 05-04453 ---
 NPT 1/4" Female Fittings(pk of 3) P/N 05-04454 ---
 NPT 3/8" Female Fittings (pk of 3) P/N 05-04455 ---
 SPRL On/Off V2 Valve P/N 05-06468 ---
 SPRL V3-3P Duplex Valve P/N 05-06469 ---
 SPRL V3-4P Duplex Valve P/N 05-06470 ---

SPRL V6 VALVE FOR ROTAX

V6 is a miniature valve aimed at the Rotax market with 6mm pipes in mind. Weight 127 grams **** C means FAR23 conforming selector. Can be installed inside 2-1/4" width having parallel inputs from the rear tapped 10mm to use standard Rotax banjos or straight fittings.



Model	Specifications	Part No.	Price
V6 54-3-C	V6 with a small 54mm face plate. 3 way, L/R/Off	05-14988	---
V6-54-4-C	V6 with a small 54mm face plate. 4 way, L/Both/R/Off	05-14989	---
V6-70-3-C	V6 with 70mm face plate. 3 way, L/R/Off	05-14992	---
V6-70-4-C	V6 with 70mm face plate. 4 way, L/Both/R/Off	05-14993	---

NEWTON V9-4 WAY VALVE

SPRL V9-4 duplex valve with ceramic disc valves for feed and return.

It is tapped 1/4" nps feed and return and will take standard npt fittings and our -6 banjos.

V9-4 can carry the small selector plate 54mm in diameter or the standard plate @70mm interchangeable with other valves and other types.

V9-4 is perfect for any traditional return system but Rotax ask for over-pressure protection when the fuel is turned off and may be heated after shut down.

The SPRL Valves, as designed, have a very nice 'feel' and are logical in use, however, there is a requirement in FAR 23 whereby the fuel valve must be turned from OFF to an ON selection simply by turning it, i.e. it should not have to be lifted up, pushed down etc, and it should also not be possible to turn it from an ON position to OFF without a dent.

P/N 05-21697 ---



NEWTON SPRL FITTING 14 MM X 3 IN

For use with SPRL fuel valves V1, V2, and V3. 14mm X 3" fitting. P/N 05-12638 ---

REMOTE FUEL VALVE DRIVE

A remote drive has the selector conveniently at hand while the valve and pipes are on the bottom of the fuselage or even on the front of the firewall. We include a flexible universal drive joint to accept small errors in alignment. The standard drive is 12" long but drive shafts up to 6 feet are available.

P/N 05-06501 ---

NEWTON BANJO FITTING SETS



The fittings enabled you to plumb straight into the aeroplane system with no extra fittings to buy. The lightweight alloy construction is anodized for protection; the Viton O ring seals are suitable for all current fuels. For experimental aircraft only. Fittings must be purchased separately; if needed, 3 AN-6 fittings come with the valve.

Fittings: • AN8 Male NPT 1/4" OR 3/8" Female and banjo fittings are available, all seal to the valve with O ring system Standard AN fittings cannot mate directly to the valve.

Specifications: • Banjos Size: 1/4, 5/16, 3/8 • Banjo Bolts: 2x14mm • NPT Female: 1/4"

1/4" Fitting Set P/N 05-06471 ---
 5/16" Fitting Set P/N 05-06472 ---
 3/8" Fitting Set P/N 05-06473 ---
 1/4" Large Fitting Set P/N 05-06474 ---

PIPER PA-28 FUEL SELECTOR VALVE

OEM Piper fuel selector valve for PA-28 series aircraft
 P/N 05-19178 ---



PIPER AEROSTAR FUEL SELECTOR KNOBS

The difference from the OEM equipment is the readily-visible white indication line on each knob. The white line matches up with each selection line on the panel so you can easily view the fuel selection position at a glance, even in poor lighting conditions. And these knobs will never slip on the boss. A bit of peace of mind in high workload flight conditions. Package of 2.
 P/N 05-14951 ---



EXTENDED FUEL VALVE DRIVE

The standard drive is 12" long but drive shafts up to 6 feet are available. The universal joint is modestly priced as it is not new, but for this usage, 'new, surplus' is ideal. The drive tubes can be cut to any required length and simply push together. Price per foot. 6' shipping limit. Note: Special order lengths available upon request.
 P/N 05-06557 ---



ALLEN PREMIUM FUEL SHUT-OFF VALVES

These premium fuel valves are recommended by Rutan Aircraft as the best fuel valves they have seen. They are a direct, bolt-in replacement for Weatherhead and other fuel valves. They turn smoothly and freely with a very positive spring loaded ball detent system which lets you feel the left right and off positions. Manufactured of anodized aluminum.

Handle is not furnished with valve. Available in 3 models. Model GS122 valve originally recommended for Long-EZ. Not FAA approved. For experimental aircraft only.



	Model 6S122 P/N 05-29500	Model 6S1000 P/N 05-29515	Model 6S1001 P/N 05-29525
Handle	No	No	No
Ports	3	4	3
Ports Configuration	3 x 1/4-18 NPT	MS33649-06	MS33649-06
Handle Positions	4	4	4
Ports Open			
Position 1	All Closed	1 & 4	C & A
Position 2	A & C	2 & 4	C, A & B
Position 3	All Closed	3 & 4	C & B
Position 4	B & C	All Closed	All Closed
Price Each	---	---	---

HANDLE FOR ALLEN FUEL VALVES

This aluminum handle is specially machined to fit the Allen fuel valves above.. P/N 05-01915 ---



EXTENDED HANDLE SHAFT FOR ALLEN FUEL VALVES

Used to make an extended handle shaft for the Allen fuel valves. The handle extension can be made as long as desired. P/N 05-01916 ---

