

825Y(YA) & LF825Y

3/4" - 2"



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Modification Overview

Production of the 825Y began in 1978 and is current.

The 825YR (1994-2006) had replaceable check seats. In 2006 replaceable seats became standard in the 825Y and 825YA versions.

The 825YA (1989-Current) has angled inlet and outlet valves.

The 825YS has silicone rubber parts.

A lead free version (LF825Y) was introduced in 2010.

Check Cover Removal

Cover is threaded into body and o-ring sealed.

Cover is spring loaded.

Loosen cover with wrench, then remove by hand while holding tightly against spring pressure.



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Check Valve Removal

Poppet style check valve.

The poppet and spring are free once the cover is removed.



Check Seat Removal

Earlier models of the 825Y do not have replaceable seats.

Current models that start with a “J” serial # have replaceable seats.

825YR has replaceable seats.

Seats are threaded and o-ring sealed.



Check Disc Replacement

Remove screw and disc washer from poppet.



Check Valve Reassembly Notes

Inspect and clean the guide bore on the cover.

The stem must move freely in the guide bore.

Reassemble in reverse order.

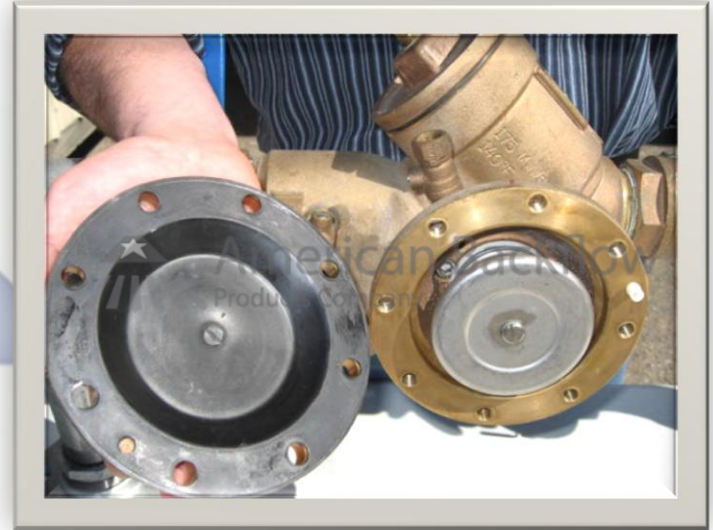


RV Cover Removal

RV cover is sealed by the diaphragm.

Spring load is contained.

Carefully remove sensing port bushing.



RV Module Removal

Module is o-ring sealed.

Pull module straight out of body.



RV Seat Removal

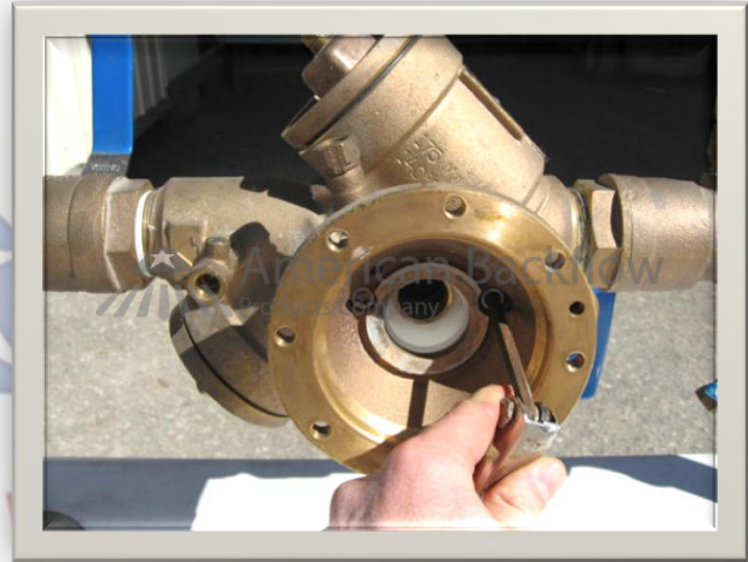
Replaceable RV seats only standard on units manufacturer after 1988.

RV seat is threaded and o-ring sealed.

Loosen the allen bolts and remove RV body.

Remove discharge shield.

Use socket or pliers to unscrew.



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RV Seat Replacement Notes

Reassemble in reverse order.

Make sure port bushings and discharge shield is in place.

Lubricate o-rings.



RV Disc Replacement

Remove screw, disc washer, and disc.



Disassemble RV Module

Module is spring loaded.

Hold module firmly and remove button screw.



Disassemble RV Module

Push the main stem through the guide.

Remove the main stem o-ring.

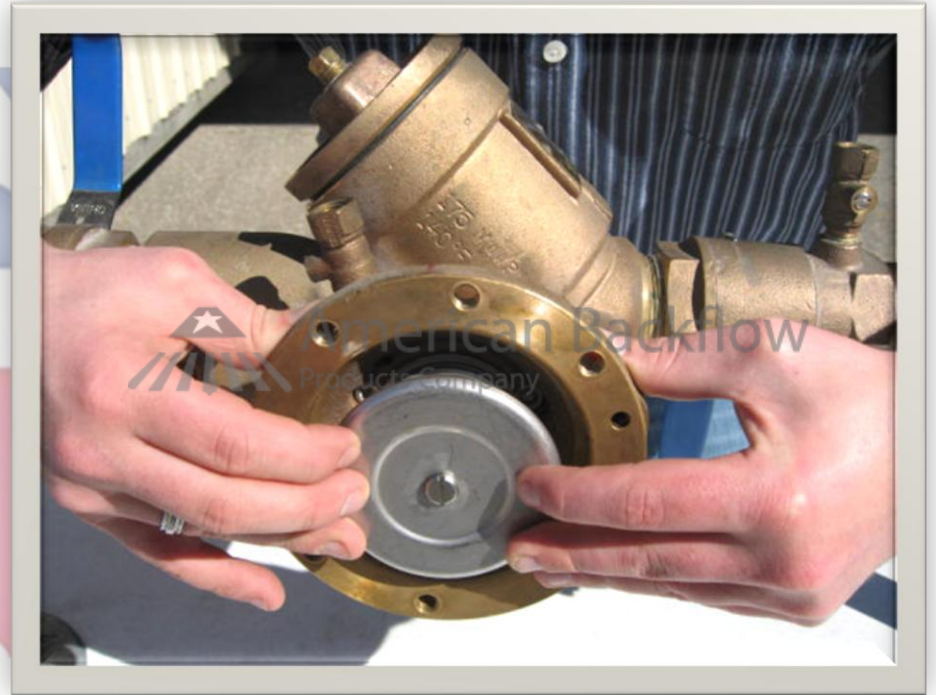


RV Reassembly Notes

Reassemble in
reverse order.

Lubricate the guide
o-ring

Push the RV module
straight into body.



RV Reassembly Notes

Make sure sensing port bushing is in place.

Position the diaphragm on the cover and tighten bolts.

