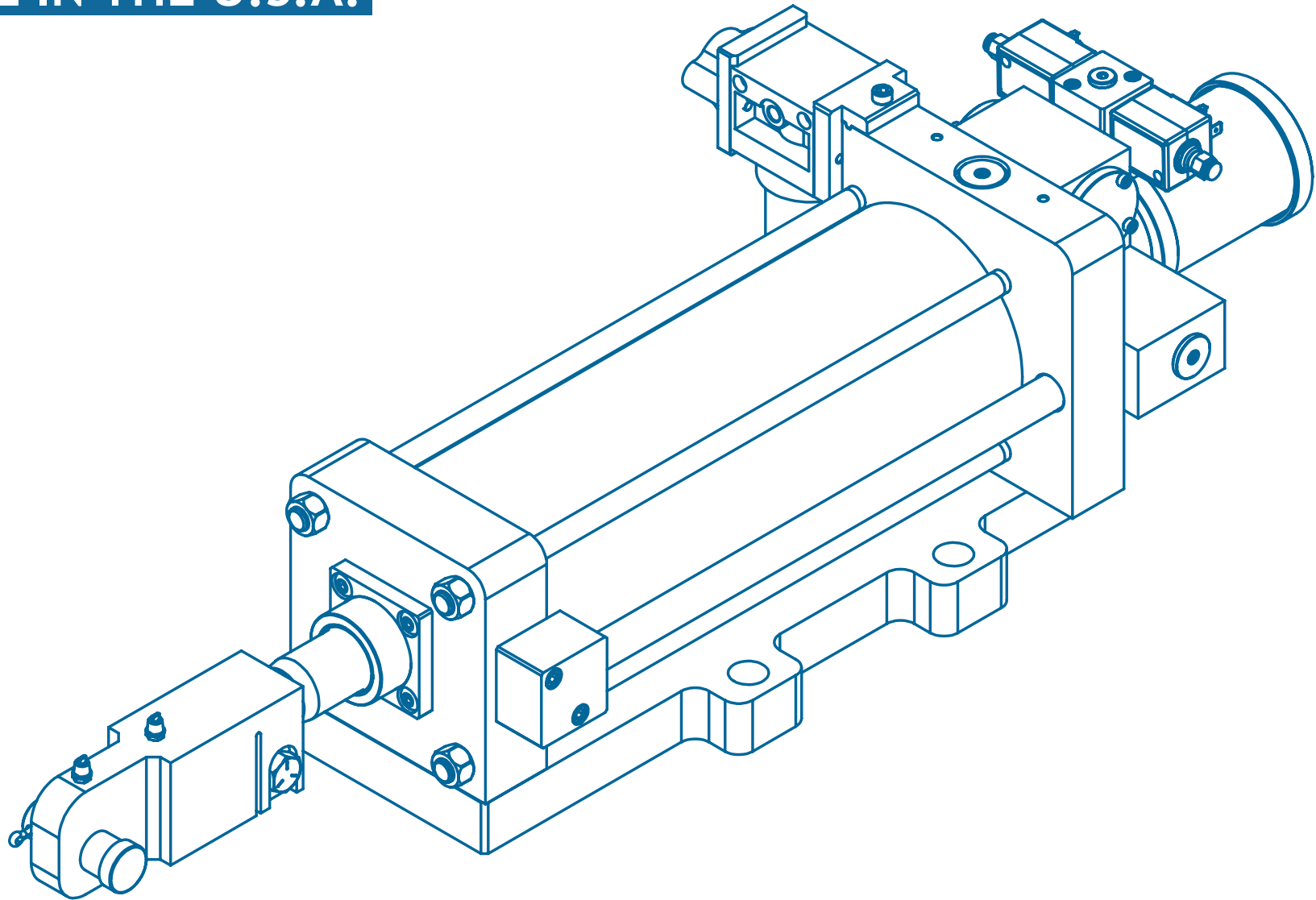


Z-067B SWITCH MACHINE

MADE IN THE U.S.A.



EDCO USA[®]

Z-067B SWITCH MACHINE

INTERCHANGE FOR DA-10

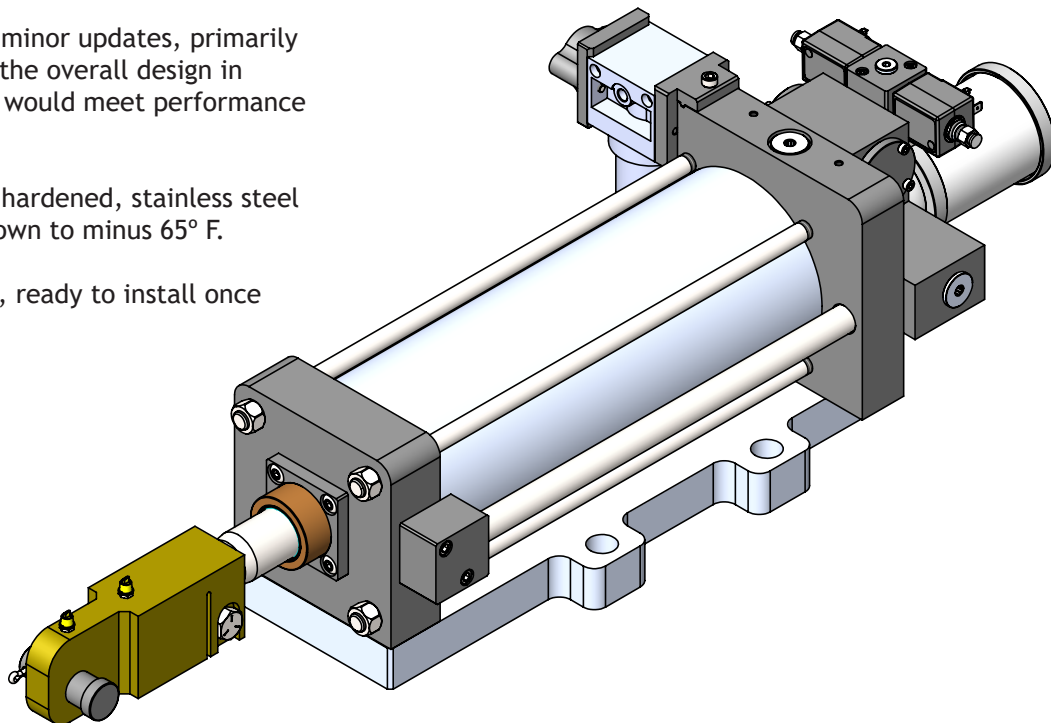
DA-10 Switch Machines have been around for several decades with only minor updates, primarily in the solenoid valve configuration. EDCO USA took a fresh approach to the overall design in order to create an entirely new direct interchange Switch Machine that would meet performance requirements while using modern material and construction methods.

For exceptional reliability, rugged, hand-lapped, bronze slide valves on hardened, stainless steel seats are used for both main and pilot valves which have been tested down to minus 65° F.

Model Z-067B provides a drop-in interchange for DA-10 Switch Machines, ready to install once removed from the shipping crate.

DESIGN IMPROVEMENTS

- lighter weight
- longer life
- greater durability
- corrosion resistance
- simplified repair
- readily available repair parts
- rugged construction
- 53 lbs, OSHA compliant single person install



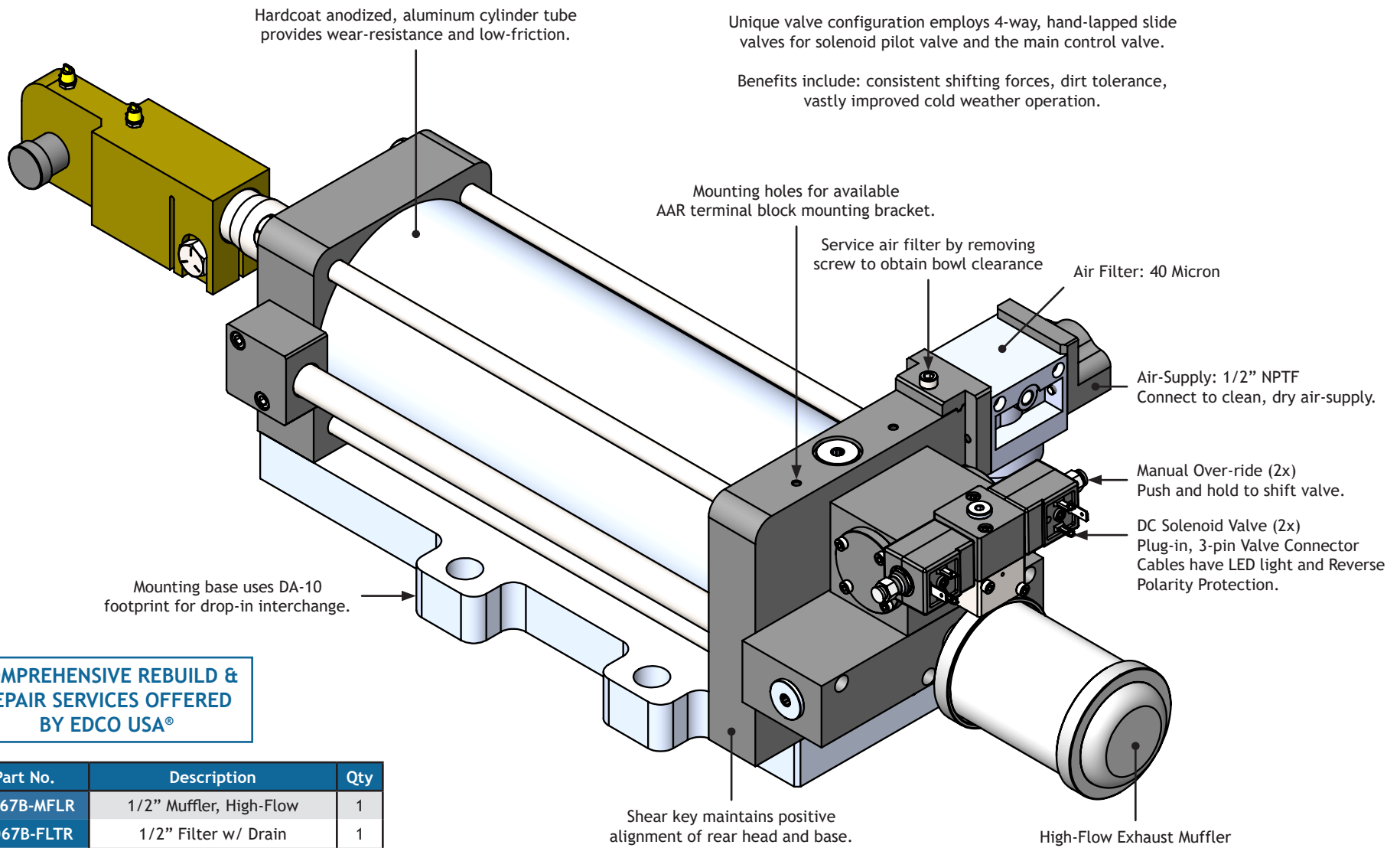
Cylinder	Double-acting 5" diameter piston with 6" stroke
Operating Range	30 - 200 psi
Temperature Range	-40° F to +130° F with dry air supply
Voltage	24 V DC (21.6 - 26.4 V) or 12 V DC (10.8 - 13.2 V)
Cycle Time	Normal-to-Reverse or Reverse-to-Normal with 0.4 seconds at 100 psi
Holding Force at 100 psi	Normal (Retract) = 1,814 lbs Reverse (Extend) = 1,960 lbs
Power Consumption	5.5 Watts

53 LBS!
LIGHTER WEIGHT MEETS OSHA
REQUIREMENTS FOR SINGLE
PERSON INSTALL.

Model	Description	Voltage	Weight	DA-10 No.	U.P. No.
Z-067B-12	Switch Machine, DA-10 Interchange	12V DC	53 lbs	N42500101	520-0122
Z-067B-24	Switch Machine, DA-10 Interchange	24V DC	53 lbs	N42500102	520-5394
RE-DA-10	Offset Rod Eye w/ Clevis Pin	n/a	5 lbs	N42500101	520-0131

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FEATURES & BENEFITS

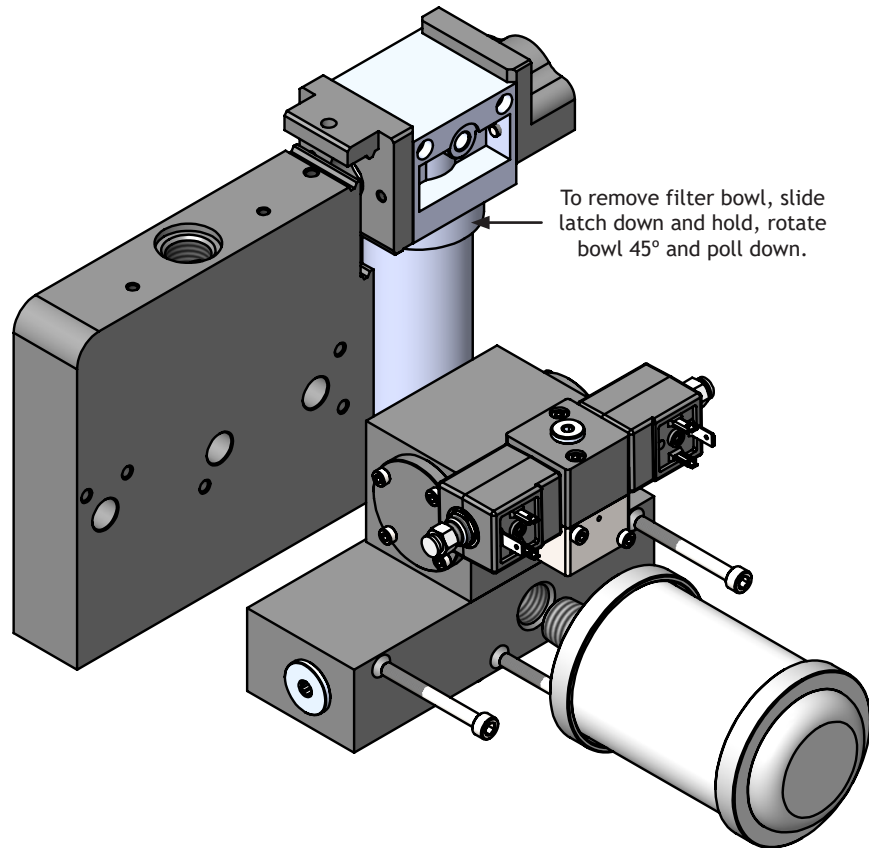


COMPREHENSIVE REBUILD & REPAIR SERVICES OFFERED BY EDCO USA®

Part No.	Description	Qty
Z-067B-MFLR	1/2" Muffler, High-Flow	1
Z-067B-FLTR	1/2" Filter w/ Drain	1
Z-067B-S12C	12V DC Coil	2
Z-067B-S24C	24V DC Coil	2
Z-067B-10-12	Complete Valve Pack, 12V DC	1
Z-067B-10-24	Complete Valve Pack, 24V DC	1
D233-5M3IV	Molded Solenoid Cable	2
RE-DA-10	Offset Rod Eye w/ Clevis Pin	1

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FEATURES & BENEFITS

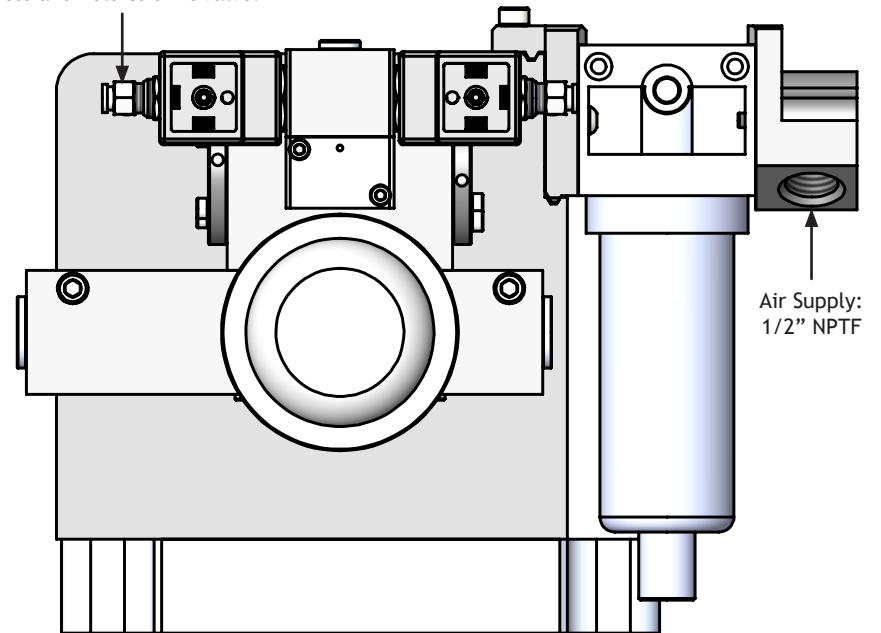


Valve packs may be quickly exchanged in the field. Locator pins provide positive valve alignment between the cylinder head and valve base.

Z-067B-10-12 - Valve Pack, 12V DC

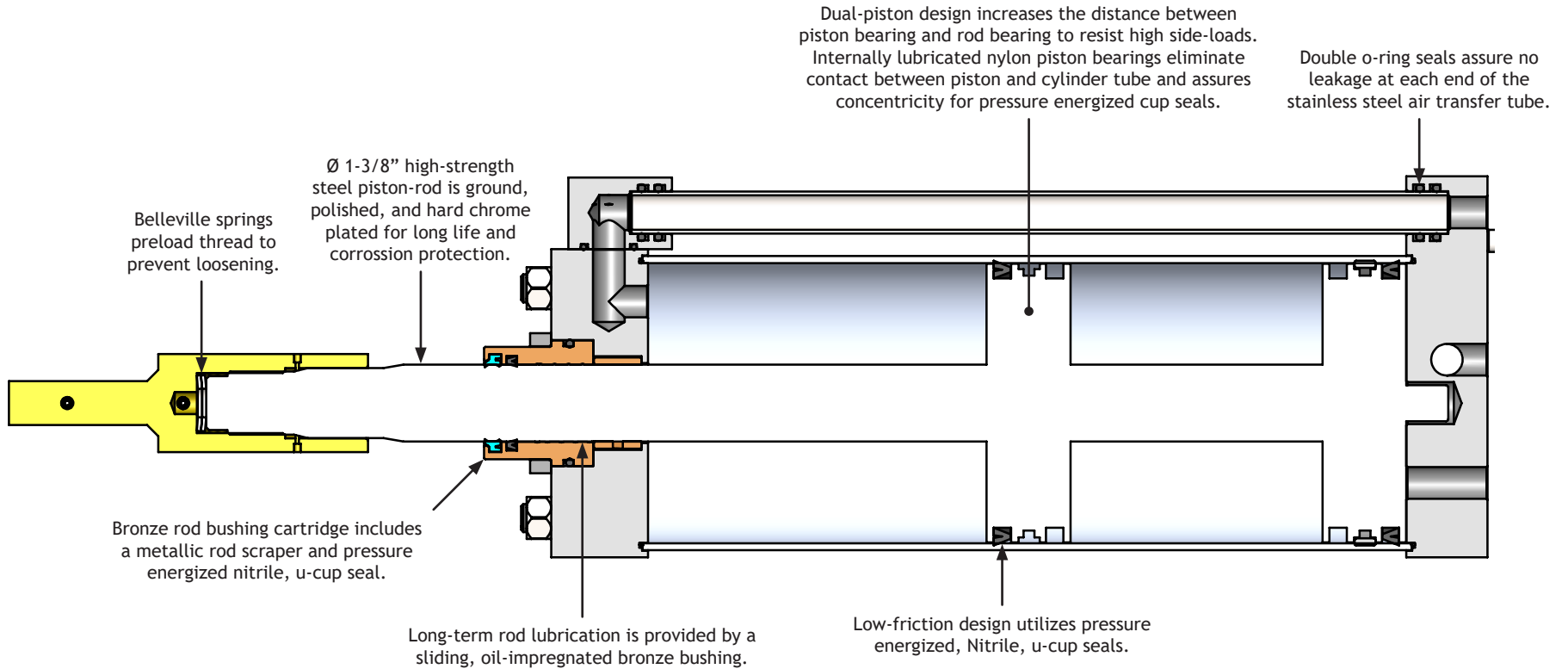
Z-067B-10-24 - Valve Pack, 24V DC

Manual Override (2x):
Press and hold to shift valve.

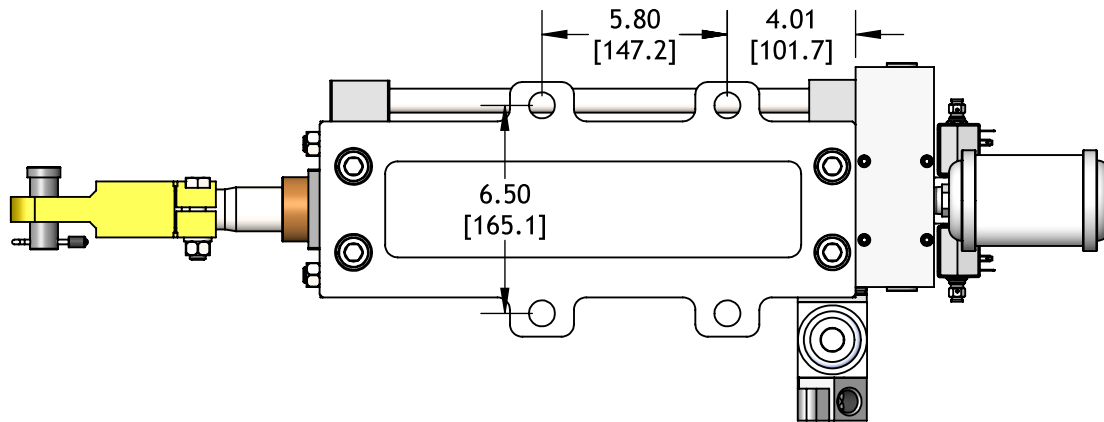
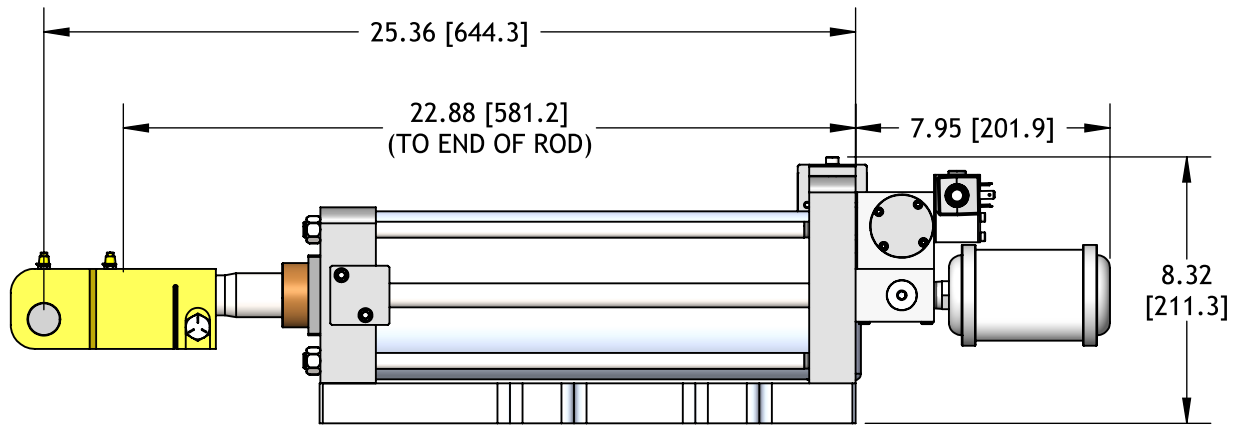


Air-filter (40 micron) promotes long life by removing pipe scale and other debris from the air-supply (1/2 NPSF).

FEATURES & BENEFITS



BASIC DIMENSIONS

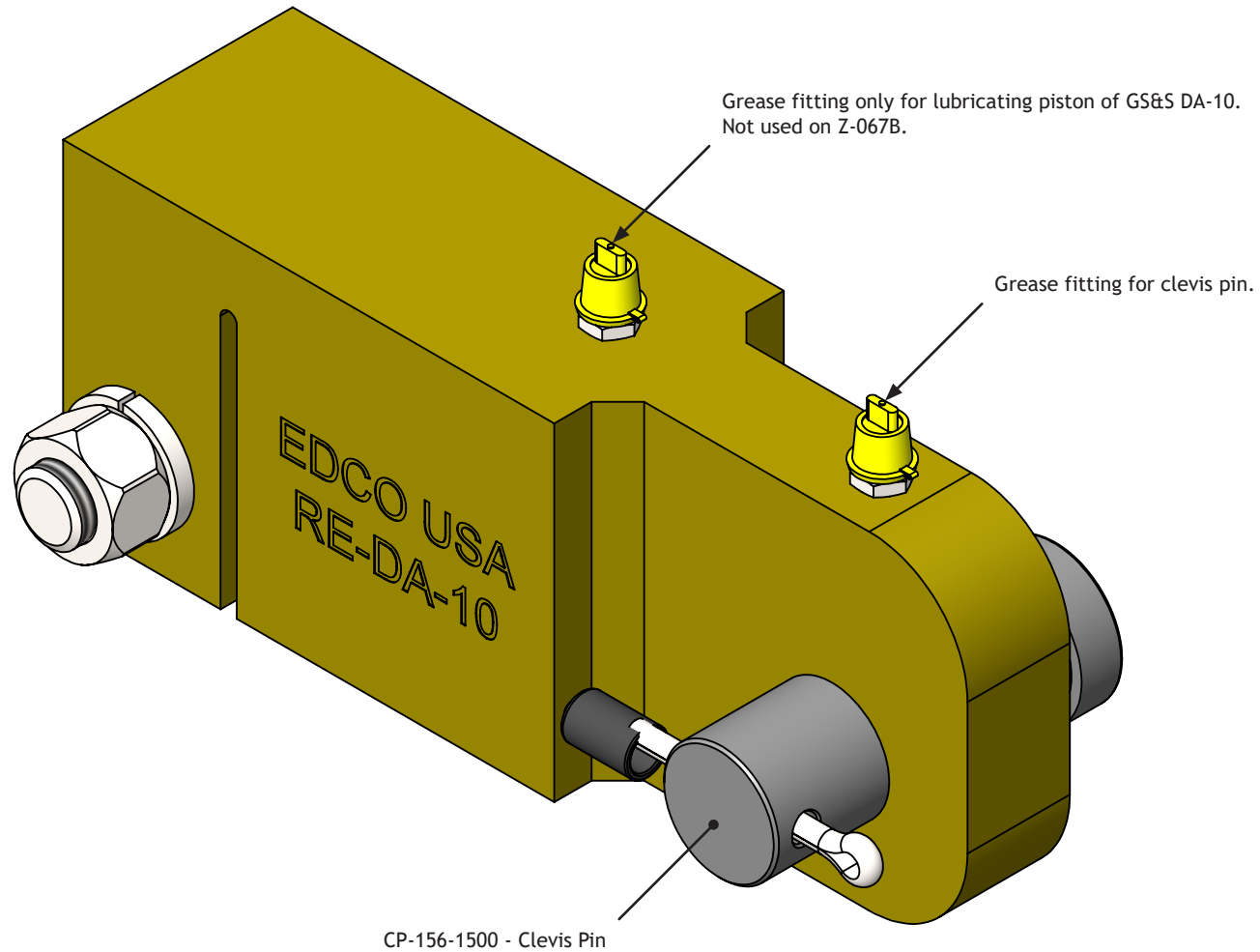


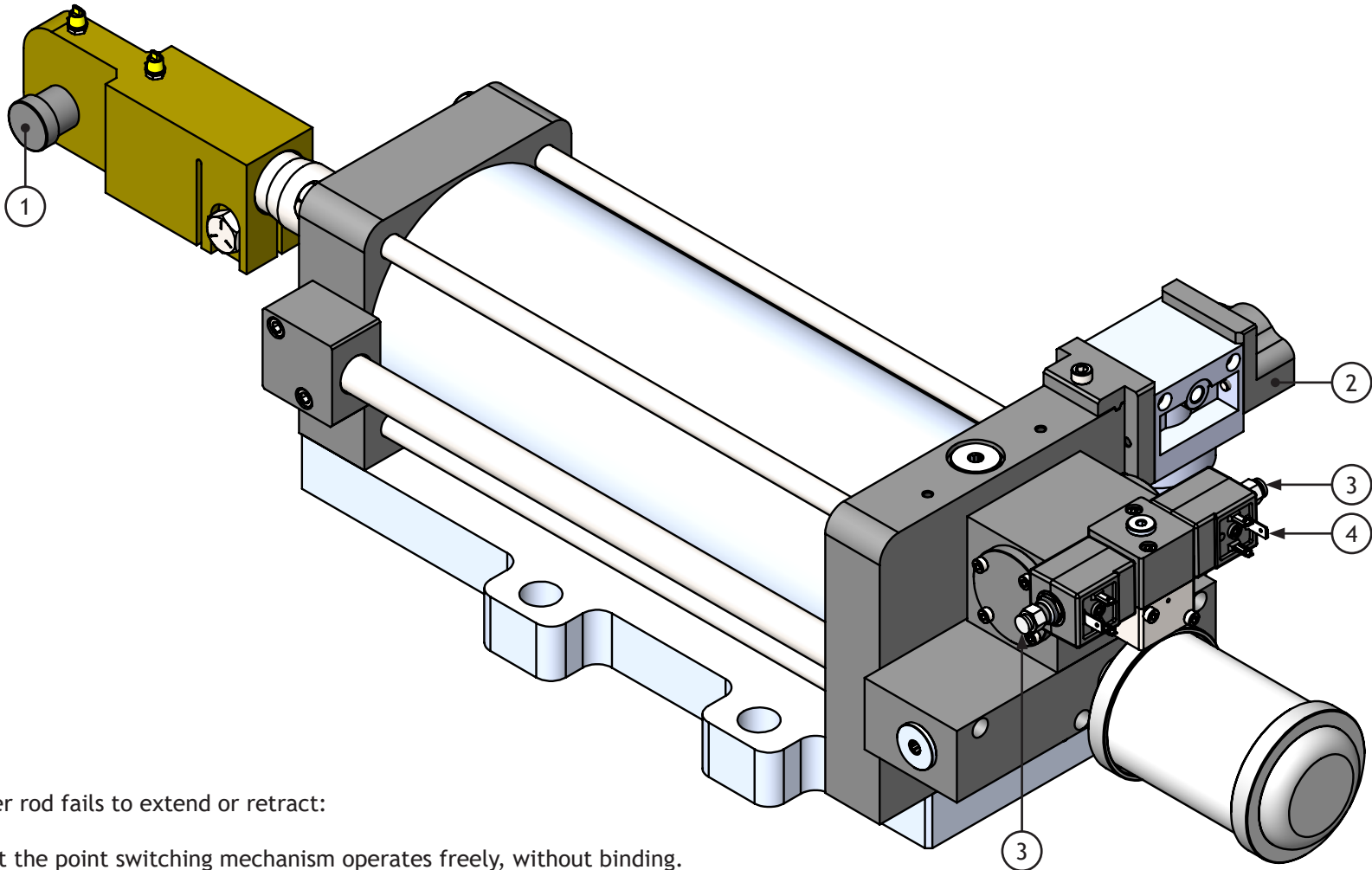
RE-DA-10 - OFFSET ROD EYE W/ CLEVIS PIN

Installation:

Apply anti-seize paste to rod threads.

Torque rod eye to 250 ft-lbs.





If your cylinder rod fails to extend or retract:

1. Verify that the point switching mechanism operates freely, without binding.
2. Check the air supply pressure to the cylinder. (100 psi maximum, 80 psi is common)
3. Push and hold the manual override at the solenoid end. One override will extend the cylinder rod and the other will retract. If the cylinder works fine using the manual overrides, the problem must be electrical.
4. Send an electrical signal to the rod-extend (REVERSE) solenoid and observe the LED on the solenoid plug-in connector. If it blinks very rapidly and the cylinder remains un-operated, then the signal duration must be increased to allow time for the valve operator to shift.

Repeat this procedure for the rod-retract (NORMAL) solenoid.