
Attention Service Manager/ Parts Department

Bulletin Level: 2* **Specific Warranty Coverage:** Standard warranty coverage

Subject: Vac Shoes not dropping down

Models Affected:

- Adphibian (all models)
- AquaPLUS (all models)
- AX651 (all models)

Parts List Form Number(s) Affected: 56042476

ECO# : A-03923

Informational Bulletin: NA

Issue: Vac shoe will not lower.

Cause: Actuator retract length incorrectly set at factory resulting in binding of latching pin.

Corrective Action: Field:

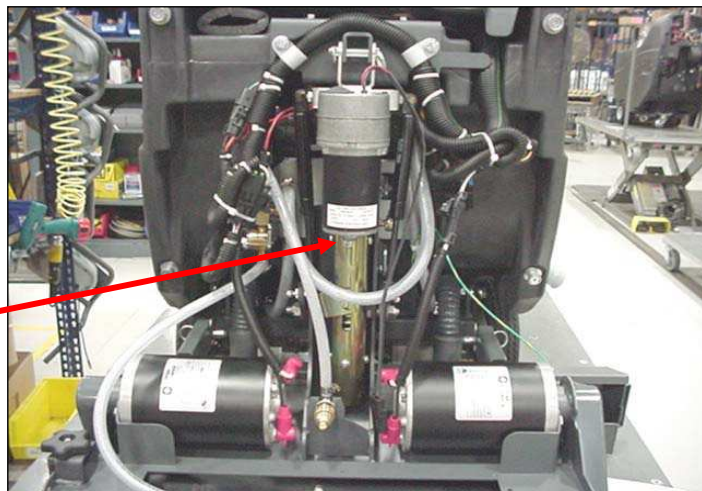
On machines with SN's prior to those noted below readjust actuator retract and extend length as shown in Fig's 3-6.

Factory:

Improved process controls and gauging implemented effective with SN 2036966 on AquaPlus and SN 2036220 on Adphibian.

Fig 1- Deck Lift Actuator

Shoe bracket weldment with undersized weld and inadequate weld penetration between pin and shoe bracket



* **Technical Service Bulletins Levels:**

Level 1: These Bulletins contain general information and are without specific warranty coverage.

Level 2: These Bulletins describe continuous quality improvements that are made to products. Specific warranty coverage may apply and if so is noted in the Bulletin.

Level 3: These Bulletins describe a quality problem that has been determined to require a mandatory update to the product. Specific warranty coverage is as noted in Bulletin.

CONDITION	X
RETRACTED, NO LOAD	.000
EXTENDED, NO LOAD	3.75±.13

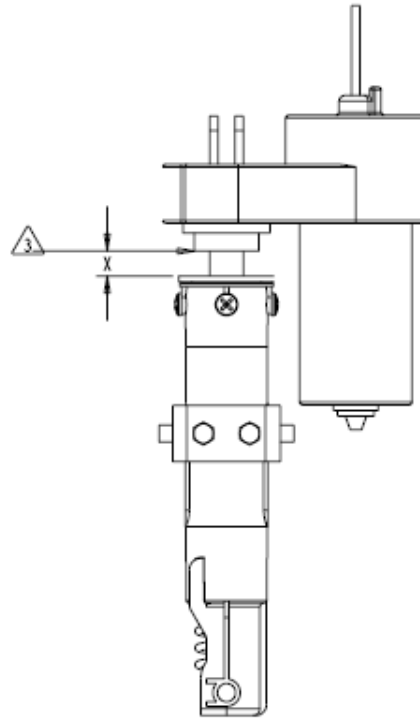


Fig 2-

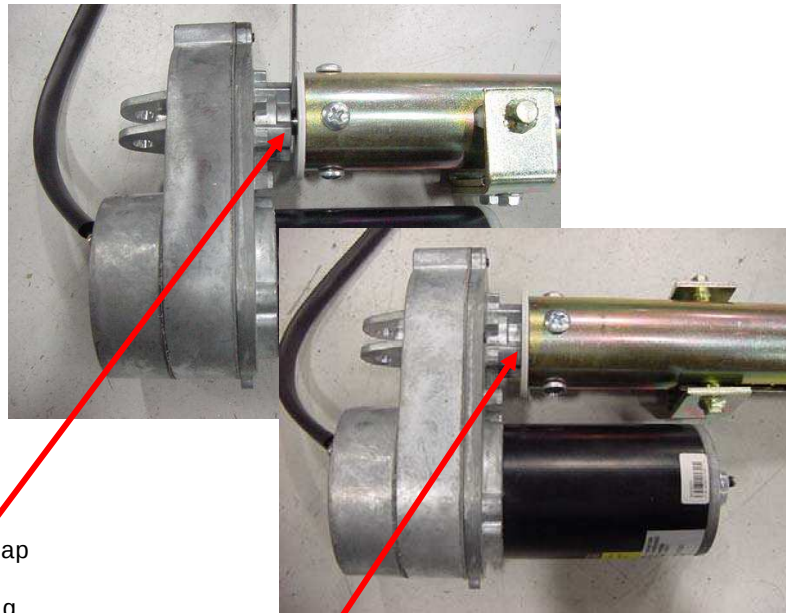
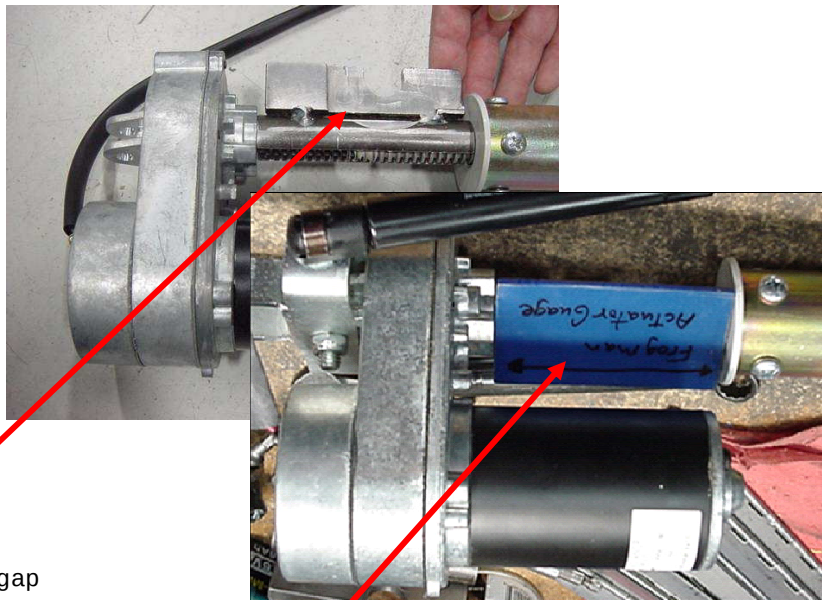


Fig 3- Retract setting

Actuator adjusted
incorrectly with .125 gap
between top of spring
housing guide & casting

Actuator correctly
adjusted with no gap
between top of spring
housing & casting

Fig 4- Extend Setting



Actuator adjusted
incorrectly with 4.125 gap
between top of spring
housing guide & casting

Actuator adjusted
correctly with 3.75 gap
between top of spring
housing guide & casting

Solenoid Pin locks vac shoe
support to frame. If deck
actuator in retract (raised)
position is adjusted
incorrectly pin will not align
with hole in vac shoe support

Fig 5- Locking pin

