

## Technical Service Bulletin

### ATTENTION SERVICE MANAGER / PARTS DEPARTMENT

**Bulletin Level:** 1

**Specific Warranty Coverage:** Not covered under machine warranty

**Subject:** Error 03

**Models Affected:** Convertamatics (All), Warriors (All), BA 755 series (All)

**Parts List Form Number(s) Affected:** 56042451 / 56042463

**ECO#:** A- 03072

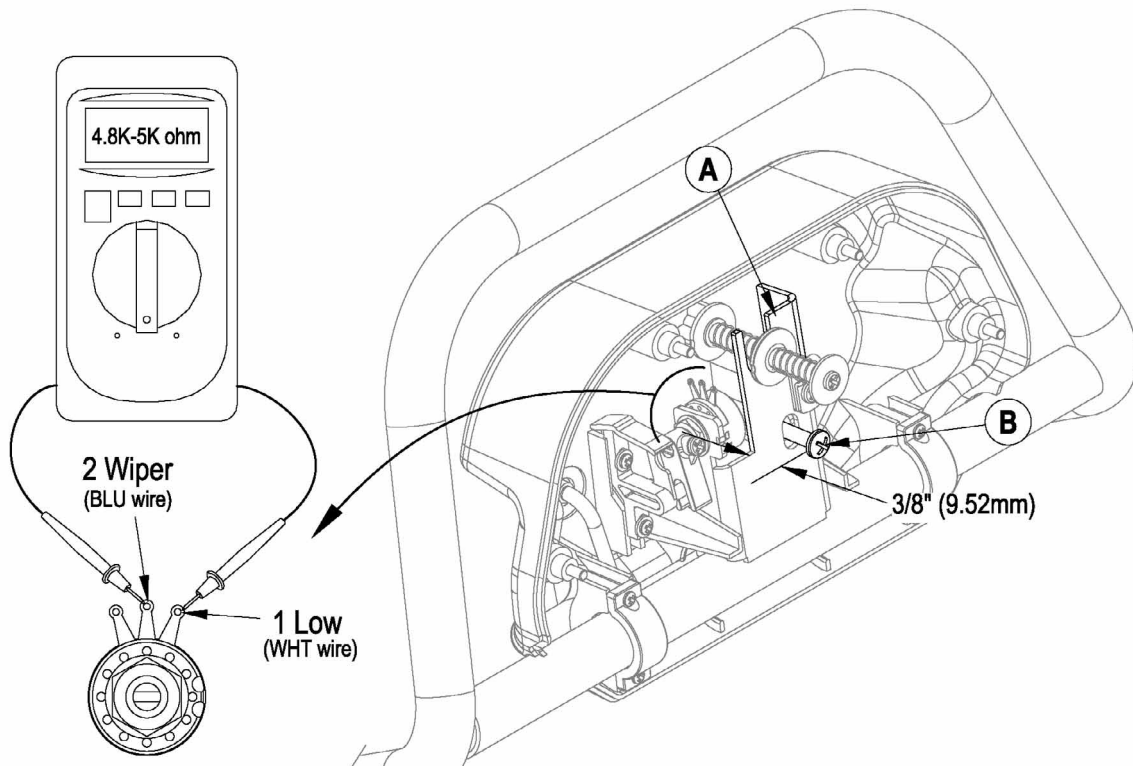
**Issue:** The bracket (A) on the paddle handle weldment can bend if excessive forward pressure is applied to the handle paddle. This in turn can cause a speed controller error "03".

**Corrective Action in Production:** The speed controller has been programmed with a wider dead band setting for neutral and the thickness of the handle bracket (A) has been increased to prevent bending. Also the range of forward motion of the handle has been reduced by changing the stop screw (B) at its maximum speed setting (see illustration below).

**Corrective Action for in the Field:** Re-adjust the 5k potentiometer to its neutral position (refer to service manuals 56043098 or 56043103). Then turn the screw (B) in until the distance between the underside of the screw head and the bracket is 3/8" (9.5mm). This will cause the screw head to contact the bracket when excessive force is used and prevent the handle paddle from over traveling potentiometers limit. After adjusting the screw connect an Ohm meter to the 1 Low and the 2 Wiper terminals of the potentiometer. Push the paddle forward until the screw head contacts the bracket. Check the reading on the Ohm meter to make sure it is reading between 4.8k to 5k ohms. If less than this, turn the screw back out until the resistance reading is between these 2 values.

Note bracket damage due to exerting excessive forward pressure on the handle paddle **IS Not** covered under the machine warranty

- The first machine with the bracket modification is serial number 1941493.
- The first Convertamatic with the stop screw adjustment change is serial number 1925473
- The first Warrior /BA 755 series with the stop screw adjustment change is serial number 1926118.



For Tech Support and Additional Info Contact: 1-800-989-2235 option 2

**\*\*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.