



**Number:** TSB-FC-2015-027 Advolution 2710/  
UHR 70-1700

**Symptom:** Pad Drive Deck not re-lowering to the  
floor

**Date:** July 22nd, 2015

**Urgency:** Low

**Author:** Aaron Clark

**Urgency:**

☐

**HIGH:** Rework needs to  
be done immediately

☐

**MEDIUM:** Rework needs  
to be done by next  
possible occasion

☒

**LOW:** Rework to be done  
if necessary

☐

**GENERAL:** General  
information

**SYMPTOM:**

Pad Drive Deck not re-lowering to the floor

**PRODUCTS:**

Advolution 2710 [56422000, 56422002]

UHR 70-1700 [56422001]

**SYSTEM:**

Pad Drive Deck

**ISSUE:**

While burnishing on pressure 1 and sometimes 2 the following occurs: The operator comes to a stop, the pad stops rotating and the deck raises as intended to prevent burning the floor. When the operator presses the foot pedal again to begin burnishing, the pad motor starts rotating, but the deck does not fully lower back down to the floor and remains in the air rotating. The operator must fully raise the pad and re-lower to achieve contact with the floor.

**CAUSE:**

When the deck is re-lowered by pressing the drive pedal after coming to a stop, the pad actuator does not lower far enough before the pad begins to spin. The no load free spin amp draw is very close to the target setting so the controller does not further lower the pad to the floor. Adjusting the upper gas shock will reduce the counterbalancing force and allow the actuator to reach the floor again after coming to stop and pressing the pedal to continue burnishing.

**ECO / ODM #:**

ECO A -11499

**PRODUCTION CORRECTIVE ACTIONS:**

Beginning with SN 4000092745, all machines will be produced with their upper gas shock set at the 4th hole from the top so as to reduce the amount of force required to re-lower the pad drive deck.

**PRODUCTION SOLUTION IMPLEMENTATION DATE and / or SERIAL NUMBER:**

**First production machine with new gas shock position installed as Standard equipment:**

Implementation Shipping Date: July 8th, 2015

Serial Number: 4000092745



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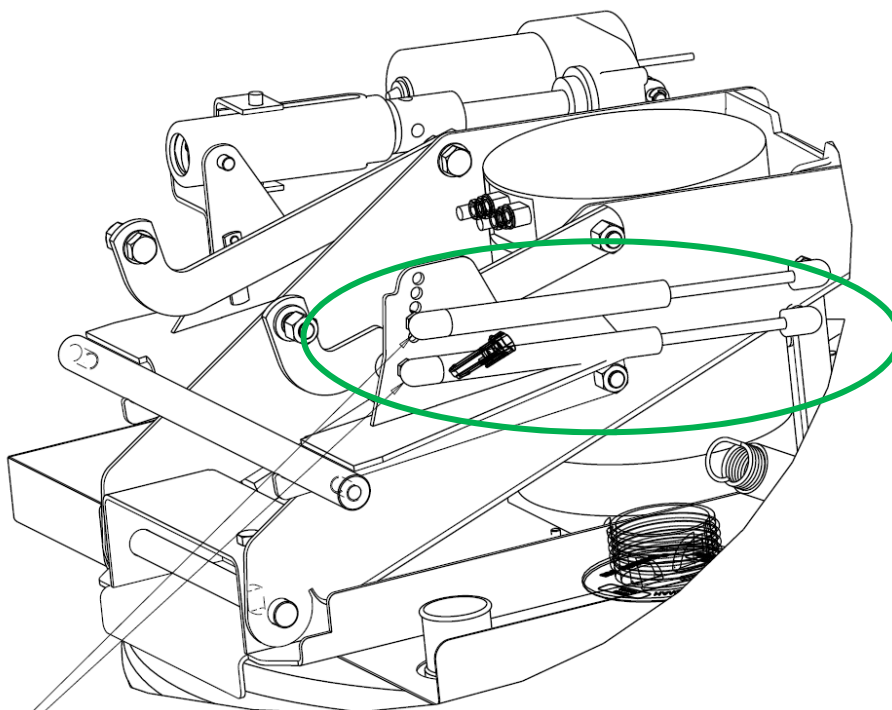
**LOW:** Rework to be done  
if necessary



**GENERAL:** General  
information

**FIELD CORRECTIVE ACTIONS:** All machines built prior to Serial Number 4000092745

The base end of the upper gas cylinder will need to be moved from the third hole from the top to the fourth hole from the top .



←PLACE GAS CYLINDERS IN FOURTH HOLE FROM THE TOP AND IN THE BOTTOM HOLE.

4th hole  
from the top

