

**DATE OF BULLETIN:**

7-20-2016

**THIS BULLETIN SUPERSEDED BULLETIN(S):**

None

**MODELS AFFECTED:**

- MICRO-HD
- MINI-HD
- MAG-HD

**MACHINE SYMPTOMS:**

- 1706 Error Code
- Premature Clogging / Limited Solution Flow

**SCOPE OF BULLETIN:**

- New Programming Parameters
- New "Open Mesh" Inline Solution Filters

**MATERIALS REQUIRED:**

- Trio Programming Application - PCProg & Cable
- 175-9130S - OR - 155-9130S

**REVISIONS:**

**New Programming Parameters on New Walk Behinds:**

Please reprogram all of your new walk-behind units if they fall within the serial break outlined below. Our new walk-behind chassis feature dramatic reduction in sound levels and a new controller parameters were used to improve machine functionality. In certain instances one of the parameters can cause the controller to display a 1706 diagnostic error code. If your machine falls within the serial number break points below, immediately adjust the programming of the machine using the dealer programming software: "MID Vacuum acceleration" should be adjusted to 3.0 secs (**Figure A**). In the event that you have a machine that exhibits a 1706 diagnostic error code, please contact our Tech Support team (800-634-4060) and they will be able to walk you through fixing this error.

**Serial Break Points for Programming Parameter Update:**

- MICRO-HD: All machines with serial numbers before 91250
- MINI-HD: All machines with serial numbers before 91100
- MAG-HD: All machines with serial numbers before 91230

**New "Open Mesh" Inline Solution Filter:**

Our original Inline Solution Filters featured a very fine mesh screen with white plastic body (**Figure B**). Some customers have had issues with Solution Flow and as such we have now switched which Inline Mesh Filter we are shipping and selling. The new Inline Mesh Filter has a red plastic body and is much more open (**Figure C**).

Some customers have also asked about swapping the MINI-HD & MAG-HD Solution Filters (**Figure D**) for the smaller MICRO-HD Solution Filter (**Figure E**). There should be no issues swapping the 175-9130 to the shorter filter: 155-9130. However, the larger filter will not fit on the MICRO-HD due to clearance.

**To order the new red Mesh Filter:**

- 175-9130 (Full Assembly - **Figure D**) & 175-9130S (Filter Screen only - **Figure F**) for the MINI-HD & MAG-HD
- 155-9130 (Full Assembly - **Figure E**) & 155-9130S (Filter Screen only - **Figure G**) for the MICRO-HD



**Figure A**

155SD41720ST0T50--16062.prf - PCProg	
File Edit View Controller Tools Configure Help	
Vac. Motor	
Parameter	Values
HI Vacuum mode	Continuous
MID Vacuum mode	Off
LO Vacuum mode	Off
HI Vacuum acceleration	1.0 secs
MID Vacuum acceleration	3.0 secs
LO Vacuum acceleration	0.0 secs
HI Vacuum speed	80 %
MID Vacuum speed	90 %
LO Vacuum speed	0 %
HI Vacuum delay	0 sec
MID Vacuum delay	10 secs
LO Vacuum delay	0 sec
Vacuum Current Limit	30 Amps
Vacuum Open Circuit Test	Enable

