



# HPR Auto Manual Gas Console

## Recycling instructions



### Introduction and purpose

The HPR Auto Manual Gas Console consists of recyclable and reusable parts. Use these instructions to disassemble the HPR Auto Manual Gas Console for recycling and reuse.

Before you begin, designate bins for the following three recycling categories:

- plastics
- mixed metal
- E-waste

You can salvage items like the fan shroud, air filter, power switch, heat sink, capacitors, power cord, transformer, inductors, and resistors for resell to an online market if they are in working condition. This document suggests where you can resell and reuse these salvageable items. Generally, the repurpose price is more than the value in scrap. Because scrap prices fluctuate almost daily, there is an incentive to recycle and repurpose rather than dispose of these components in landfills.

	<b>WARNING</b>
<b>ELECTRIC SHOCK CAN KILL</b>	
Disconnect electric power before doing installation or maintenance. You can get a serious electric shock if electric power is not disconnected. Electric shock can seriously injure or kill you.	
All work that requires removal of the plasma power supply outer cover or panels must be done by a qualified technician.	
Refer to the <i>Safety and Compliance Manual (80669C)</i> for more safety information.	

### Tools needed

The HPR Auto Manual Gas Console disassembly can be accomplished with basic hand and power tools that are readily available worldwide.

#### Individual tools and sizes needed

- TORX® driver – T20
- Screwdriver – Philips® head
- Socket size – 5/16 inch, 7/16 inch, 1/4 inch
- Tin scissors (optional)
- Wire cutters

## Example scrap values for U.S. markets, 2021

### Disclaimer

Most of the components in the HPR Auto Manual Gas Console system can be recycled at your local recycling facility, but the average price per pound or ton for these components varies based on geographic location. International customers should note that categories for recyclables are country-specific and may be different than the ones listed below. All prices are listed in U.S. dollars and represent the average national scrap values at a specific moment in time.

### Total value

- Total weight of unit = 24.75 pounds

End market category	National average scrap value (U.S.)	
	(\$ per pound)	(\$ per ton)
Aluminum	\$0.50 – \$0.88	
Plastic	\$0.10 – \$0.58	
PCBs	\$0.50 – \$1.16	
Brass	\$1.34 – \$1.90	
Scrap copper	\$2.77 – \$3.34	
Power cords / Wires	\$0.72 – \$1.08	
Transformers	\$0.24 – \$0.48	
Mixed metal (ferrous)		\$1.90 – \$2.05

# HPR Auto Manual Gas Console systems

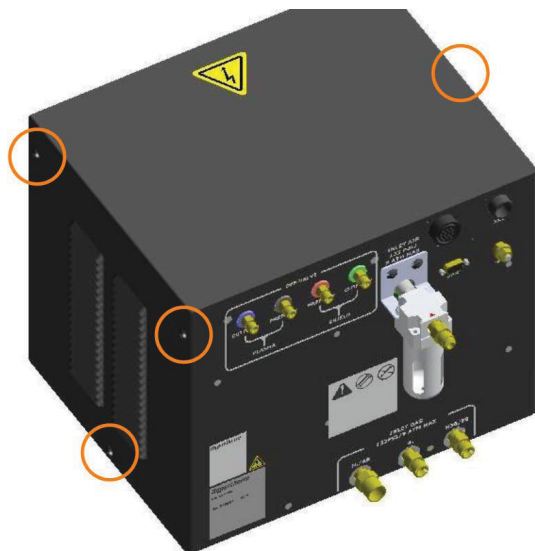
## Step 1

Unplug the system from the power outlet and wait five minutes to allow all the stored energy to discharge before proceeding to Step 2.

## Step 2

Remove the screws and bolts using a Phillips screwdriver and the T20 TORX driver.

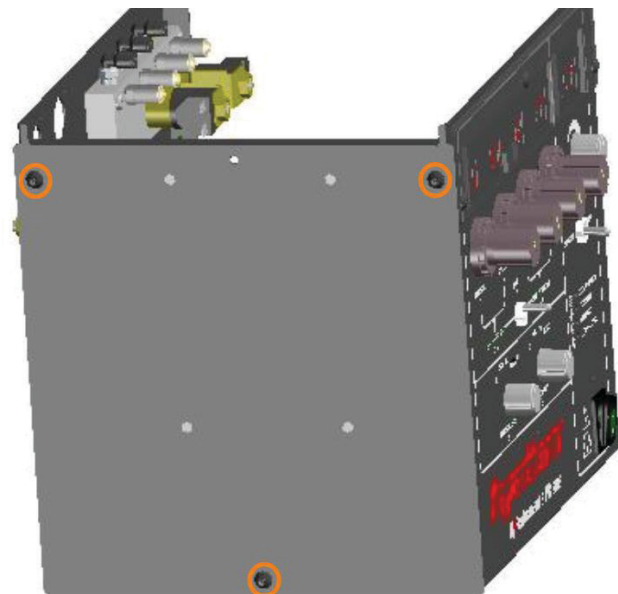
Discard the screws and bolts into the mixed metal recycling stream.



## Step 3

Remove the bolts using the T20 TORX driver.

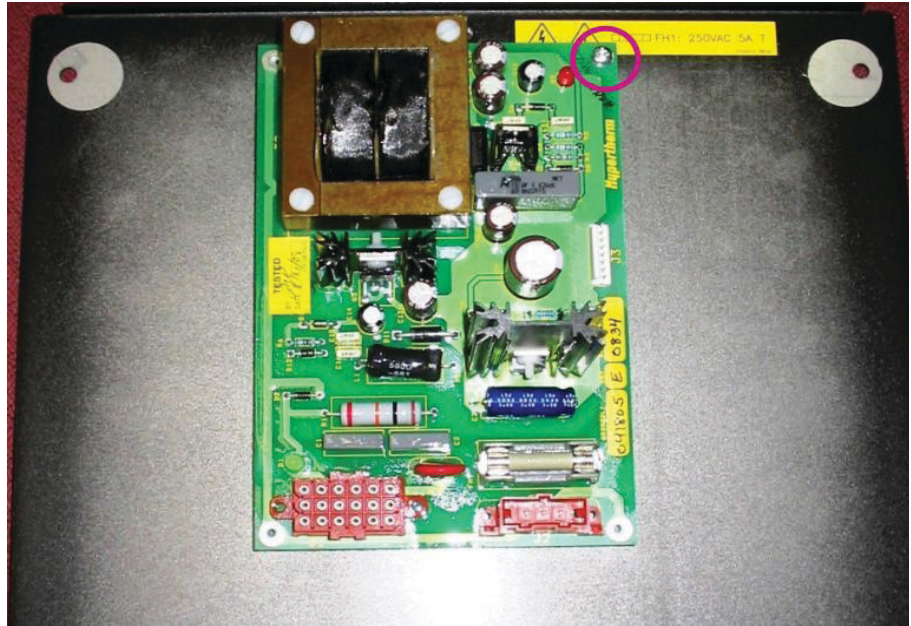
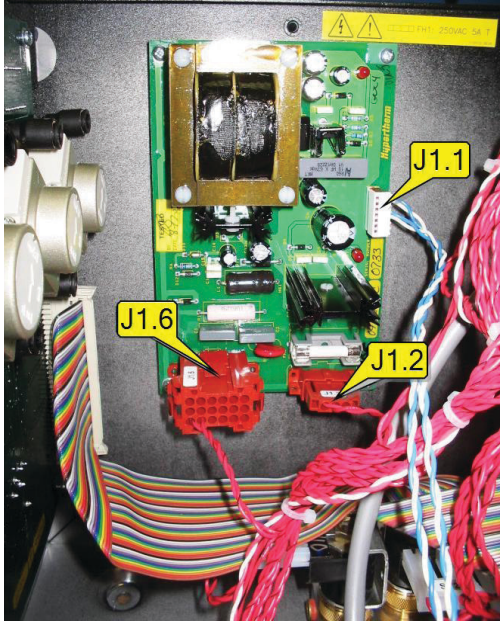
Discard the bolts into the mixed metal recycling stream.



#### Step 4

Remove the screws using a Phillips screwdriver. Pull to remove cables and wires from their connectors.

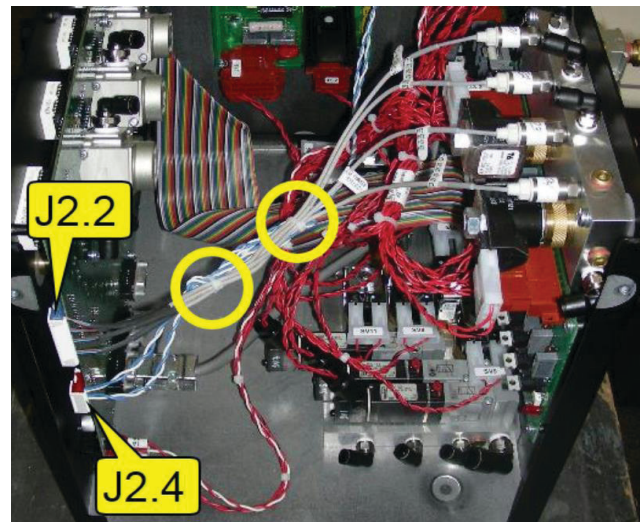
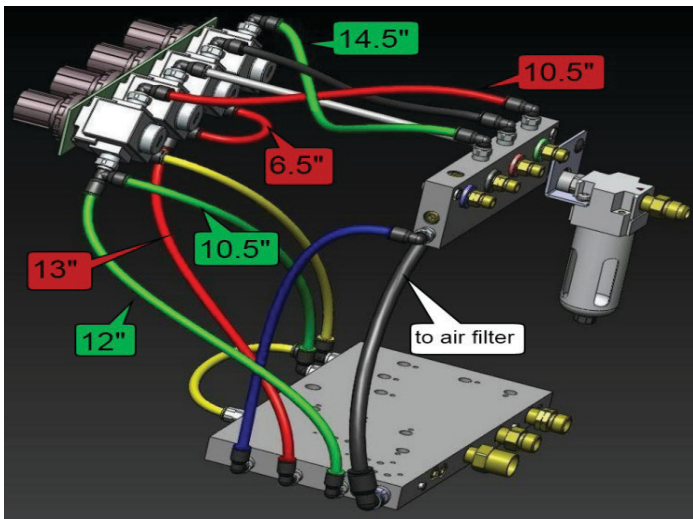
Discard the screws, wires, and cables into the mixed metal recycling stream. Discard the PCB into the E-waste recycling stream.



#### Step 5

Unplug all of the cables and wires. Cut all the cable ties.

Discard the nuts, screws, wires into the mixed metal recycling stream. Discard the PCB into the E-waste recycling stream.

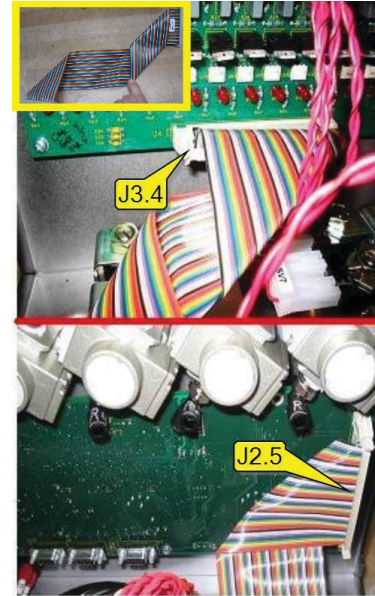
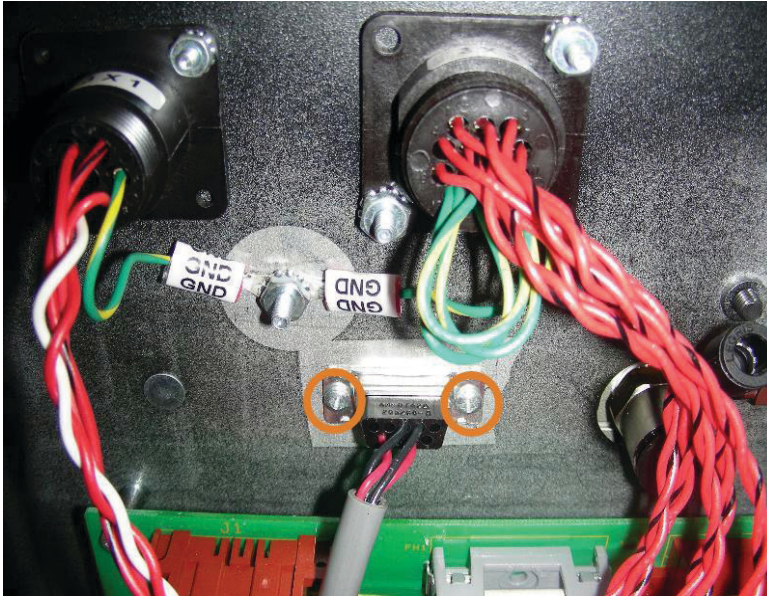




## Step 6

Remove the screws using a Phillips screwdriver. Unclip and remove all cables.

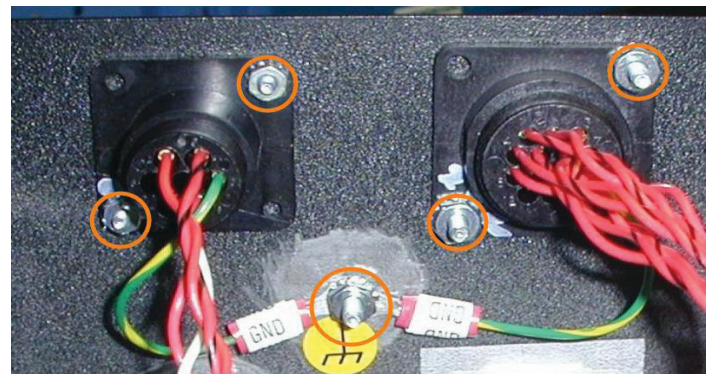
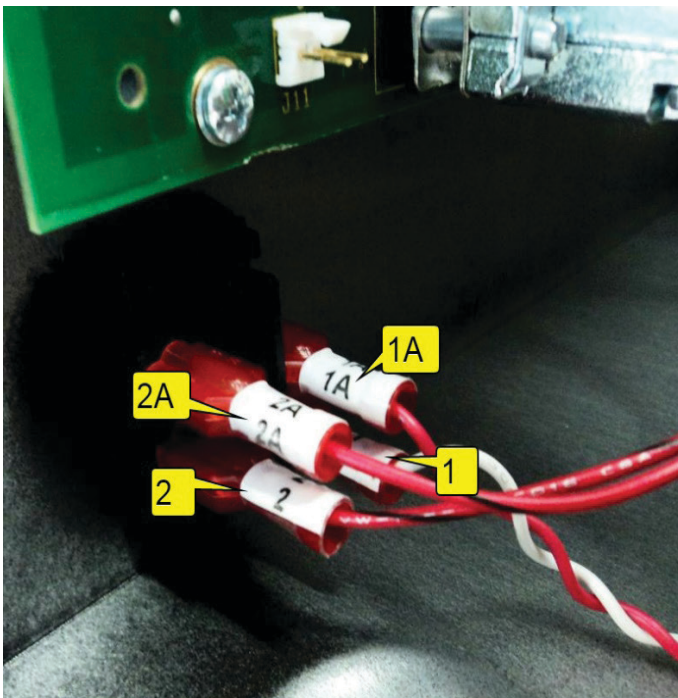
Discard the screws and the cables into the mixed metal recycling stream.



## Step 7

Remove the nuts using the 1/4 inch socket and the 5/16 inch socket. Pull to remove the wires.

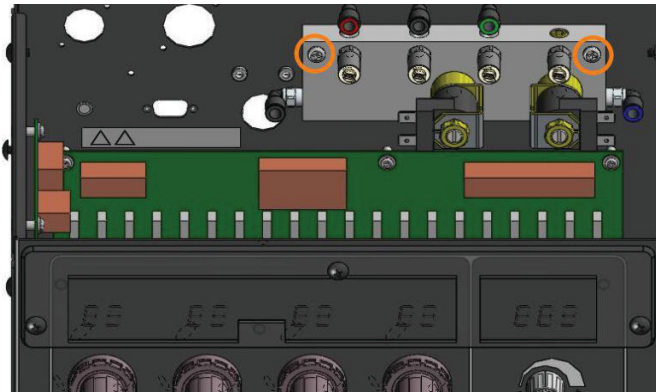
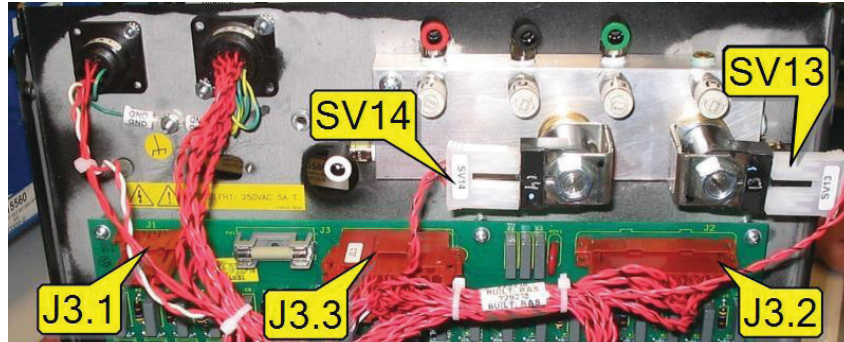
Discard the nuts and wires into the mixed metal recycling stream.



## Step 8

Remove the screws using a Phillips screwdriver. Pull to remove wires from their connectors.

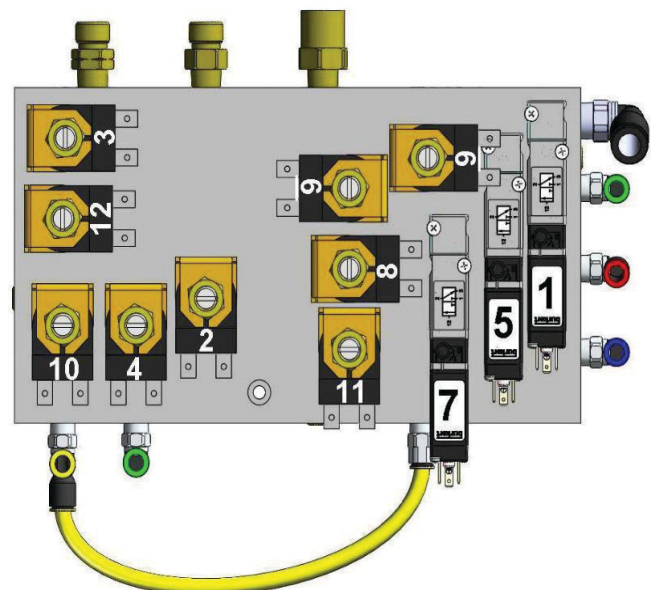
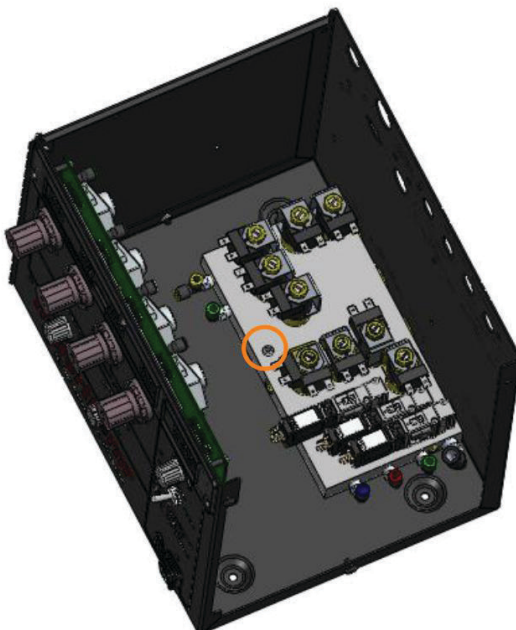
Discard the screws and wires into the mixed metal recycling stream.



## Step 9

Remove the screws using a Phillips screwdriver. Push in and then pull to disconnect the cables.

Discard the screws and cables into the mixed metal recycling stream.

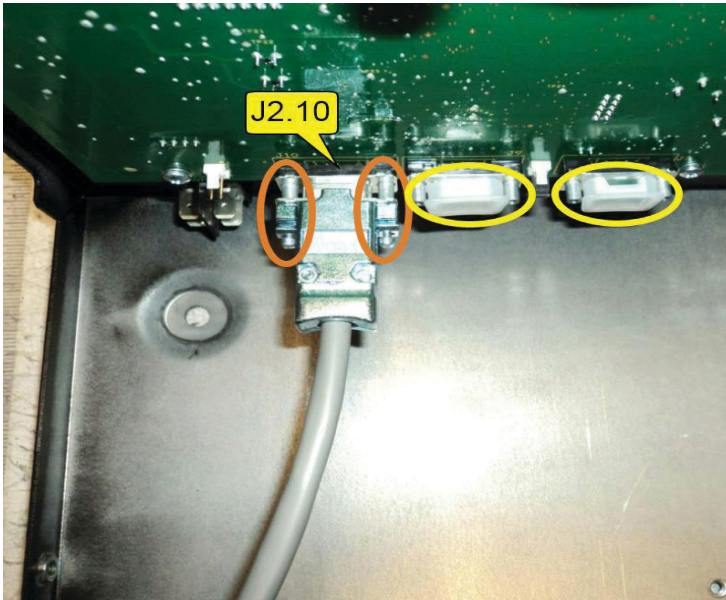




## Step 10

Remove the screws using a Phillips screwdriver.

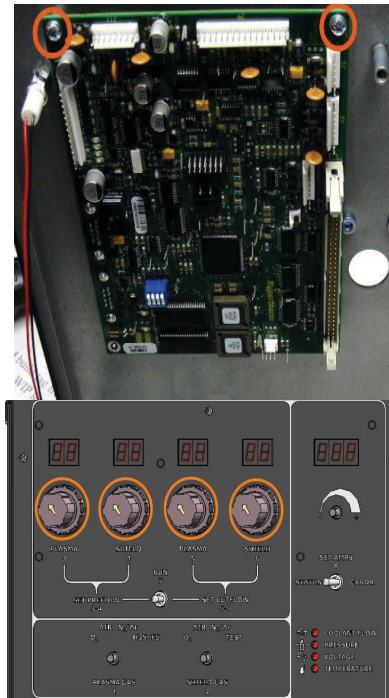
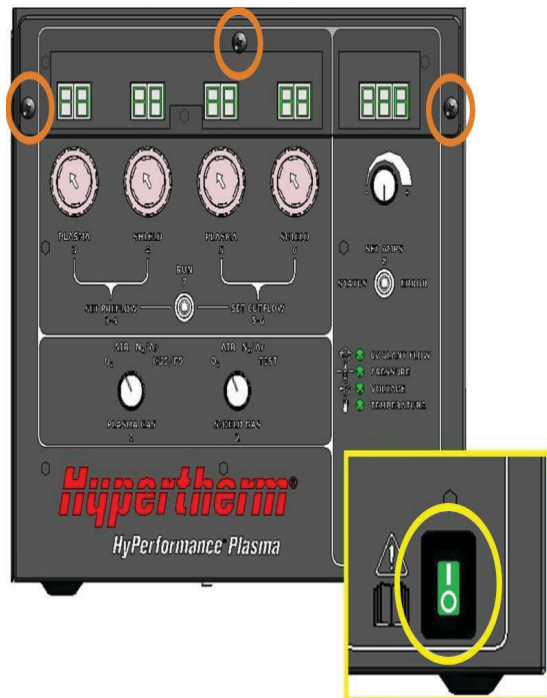
Discard the screws into the mixed metal recycling stream.



## Step 11

Remove the screws using a Phillips screwdriver. Pull the knobs off the chassis.

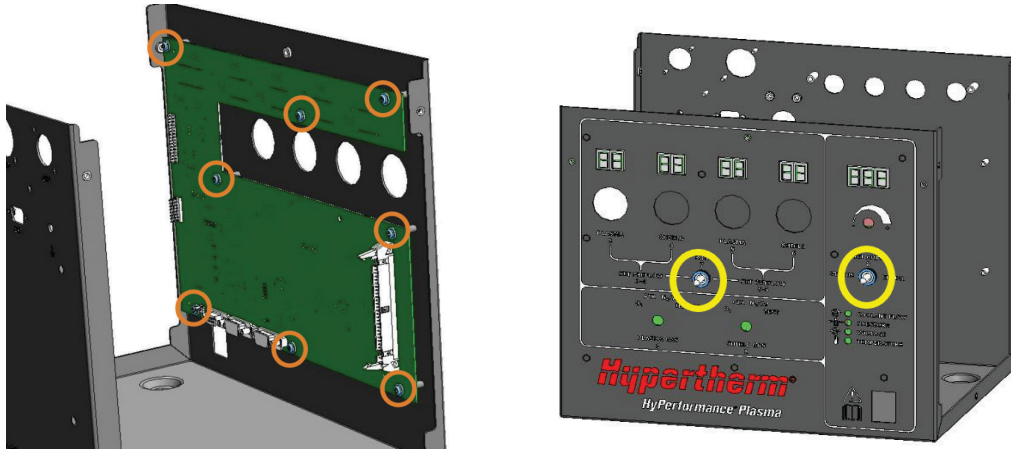
Discard the screws into the mixed metal recycling stream. Discard the knobs into the plastic recycling stream.



## Step 12

Remove the screws using a Phillips screwdriver. Remove the switch hardware by hand.

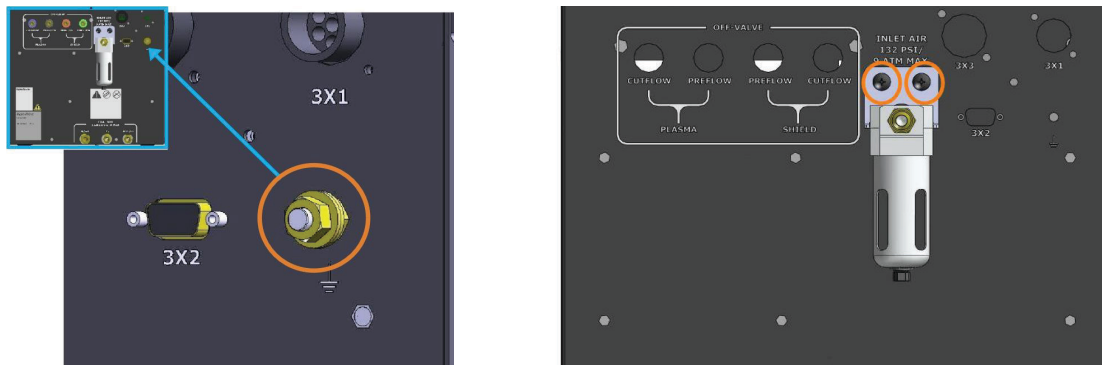
Discard the screws into the mixed metal recycling stream. Discard the switch hardware into the E-waste recycling stream.



## Step 13

Remove the screws and nuts using a Phillips screwdriver and a 7/16 inch socket.

Discard the screws and nuts into the mixed metal recycling stream.



Engineered and assembled in the USA

ISO 9001:2015

Hypertherm and HPR are trademarks of Hypertherm, Inc. and may be registered in the United States and/or other countries. All other trademarks are the property of their respective owners.

Please visit [www.hypertherm.com/patents](http://www.hypertherm.com/patents) for more details about Hypertherm patent numbers and types.

© October 2021 Hypertherm, Inc.  
10079686

Revision 0

**Hypertherm®**  
SHAPING POSSIBILITY®