



# Service Bulletin

## HTX6H Fuel Tank Pickup Line Modification

<b>Product Group:</b> Ride-On Trowels	<b>Date Issued:</b> 05/26/17	<b>Expiration Date:</b> 05/26/18	<b>Service Bulletin No.</b> TR20170512
<b>Bulletin Type</b>  <input checked="" type="checkbox"/> Mandatory <input type="checkbox"/> Information Only <input type="checkbox"/> Recommended Change		<b>Models/Series Affected:</b>  HTX6H SERIES S/N NC2003442 AND BELOW	

<b>Details</b>
<b>Problem:</b> Dirt and debris may be entering the fuel system.
<b>Solution:</b> Install a new fuel tank pickup line with a mesh screen.

**Parts Information**

Item	Part No.	Description	QTY.	Remarks
1	42501	Pickup Line, Fuel Tank	1	
2	22810	Clamp, Fuel 1/2-9/16" OD	1	

**Figure 1. Fuel Tank Pickup Line and Fuel Injection Clamp**

## WORK SAFELY!

Only a qualified service technician with proper training should perform this procedure. Follow all shop safety rules while performing this procedure.

## PREPARATION

1. Make sure the trowel is turned off and **the engine is cool**.
2. Place the trowel in an area free of dirt and debris, and make sure it is on secure level ground.

## REQUIRED TOOLS

- Flat Screwdriver
- 11/16" Open-End Wrench
- Liquid Sealant

## FUEL SAFETY

### DANGER

- **ALWAYS** use extreme caution when working with flammable liquids.
- **DO NOT** smoke around or near the equipment. Fire or explosion can result from fuel vapors or if fuel is spilled on a hot engine.

## BATTERY SAFETY

### DANGER

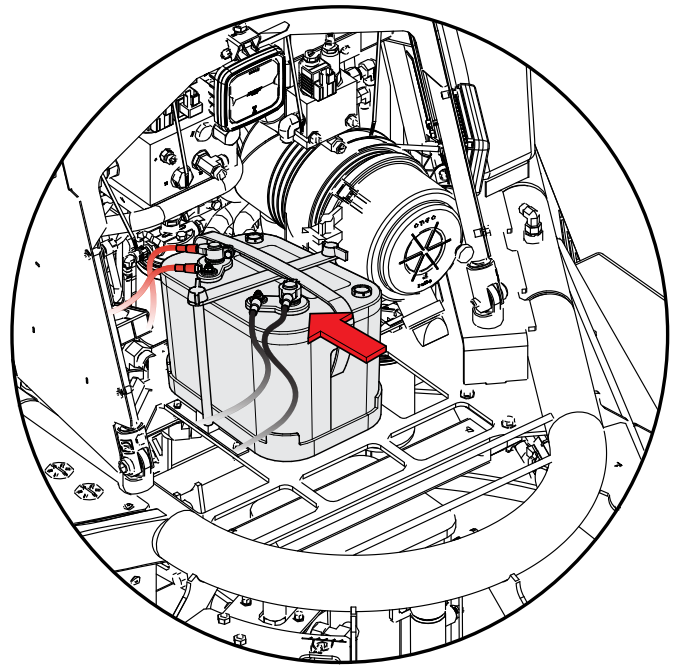
- **DO NOT** expose the battery to open flames, sparks, cigarettes, etc. The battery contains combustible gases and liquids. If these gases or liquids come into contact with a flame or spark, an explosion could occur.

### CAUTION

- **ALWAYS** disconnect the **NEGATIVE** battery terminal before performing service on the equipment.

## BATTERY DISCONNECTION

1. Remove and set aside the **LEFT** grill guard to gain access to the battery (Figure 2).



**Figure 2. Battery Disconnection**

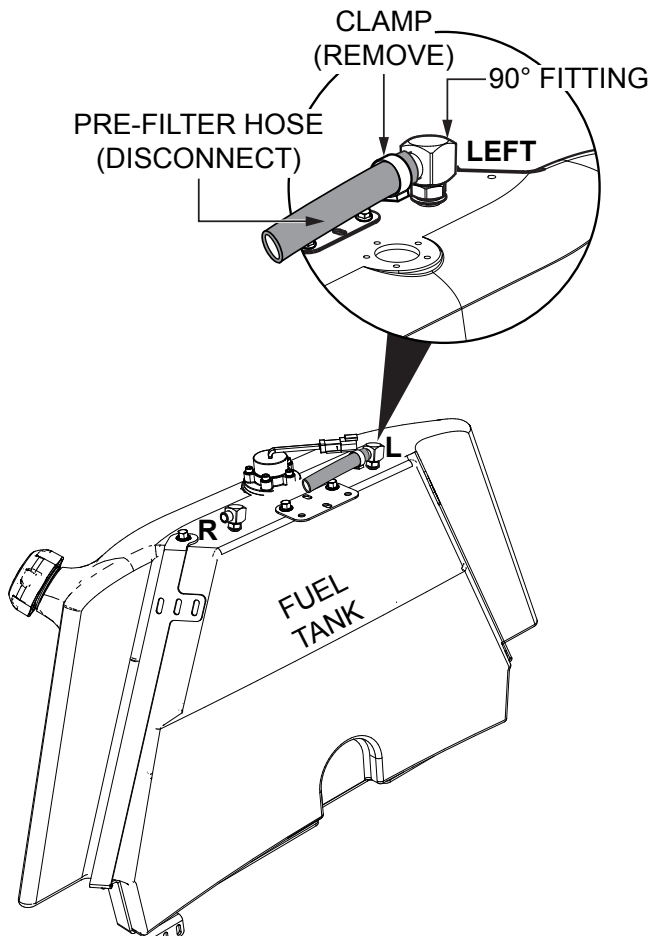
2. Disconnect the two negative (**BLACK**) cables from the negative terminal on the battery. See Figure 2.

## FUEL TANK PICKUP LINE INSPECTION

### NOTICE

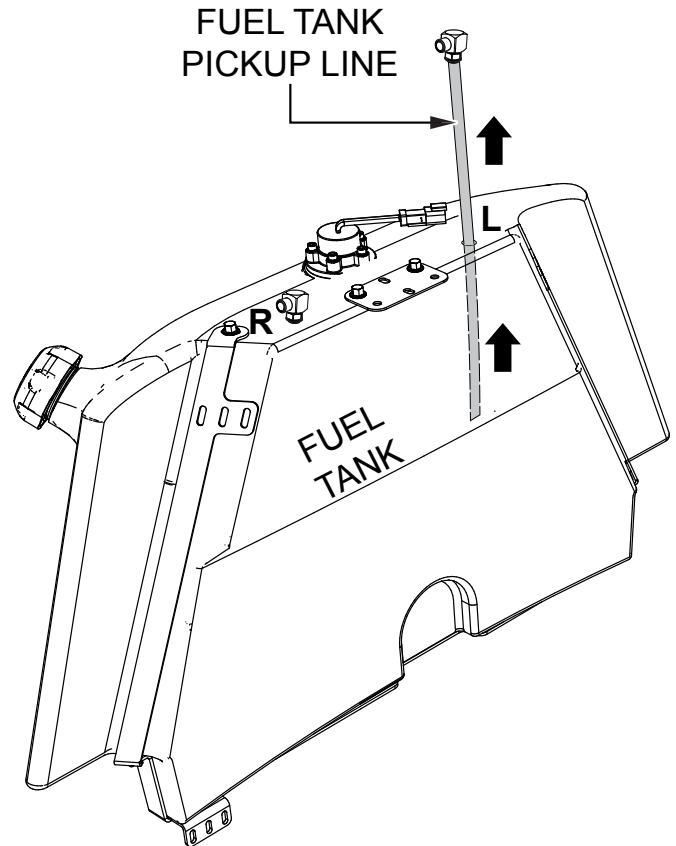
While performing this procedure, the use of a small container to catch spilled fuel is recommended. **ALWAYS** wipe up any spilled fuel **immediately**.

1. Remove and discard the clamp securing the pre-filter hose to the 90° fitting on the **LEFT** side of the fuel tank (Figure 3).



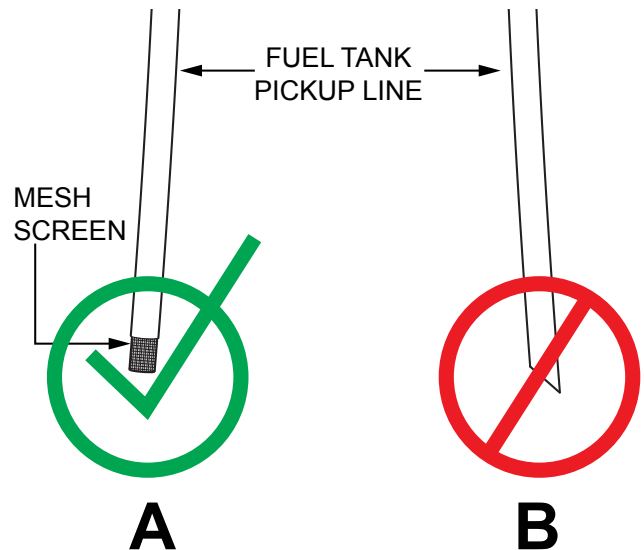
**Figure 3. Pre-Filter Hose Disconnection**

2. Disconnect the pre-filter hose from the 90° fitting on the left side of the fuel tank (Figure 3).
3. Remove the **LEFT** fuel tank pickup line from the fuel tank (Figure 4).



**Figure 4. Fuel Tank Pickup Line Removal (LEFT)**

4. Inspect the fuel tank pickup line (Figure 5). ***If there is a mesh screen*** on the end of the pickup line (Figure 5A), proceed to the “***Existing Fuel Line Reinstallation***” section.

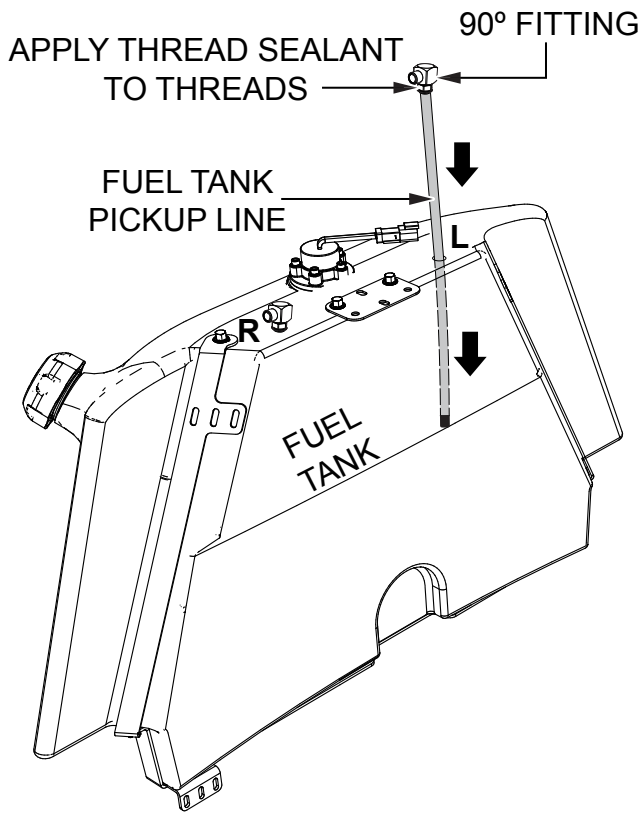


**Figure 5. Fuel Tank Pickup Line Inspection**

5. ***If there is NO mesh screen*** on the end of the fuel tank pickup line (Figure 5B), discard the fuel tank pickup line and proceed to the “***Fuel Line Cleaning***” section.

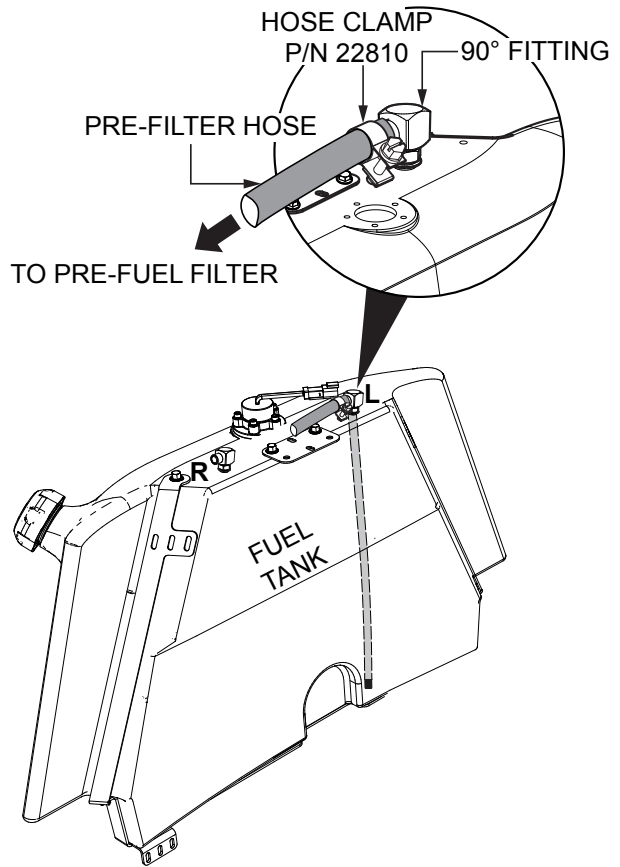
## EXISTING FUEL LINE REINSTALLATION

1. Apply thread sealant to the threads on the 90° fitting (Figure 6).



**Figure 6. Fuel Tank Pickup Line Reinstallation**

2. Reinstall the fuel tank pickup line and tighten the 90° fitting securely (Figure 6).
3. Place the new hose clamp (P/N 22810) onto the free end of the pre-filter hose. See Figure 7.



**Figure 7. Pre-Filter Hose Reinstallation**

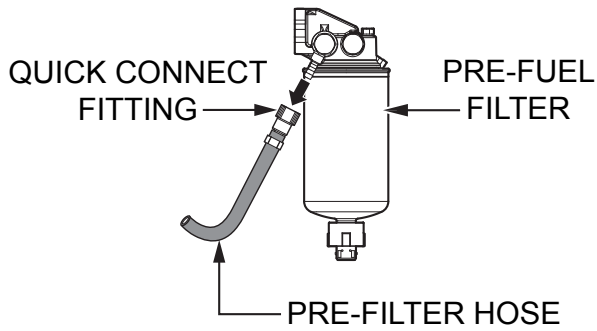
4. Connect the free end of the pre-filter hose to the 90° fitting on the **LEFT** side of the fuel tank (Figure 7).
5. Secure the pre-filter hose to the 90° fitting with the hose clamp (P/N 22810). See Figure 7.
6. Reconnect the negative (**BLACK**) battery cables.
7. Reinstall the **LEFT** grill guard.

### NOTICE

**DO NOT** proceed to the next section. For any unit with an existing fuel tank pickup line that already has a mesh screen installed, **the procedure is complete.**

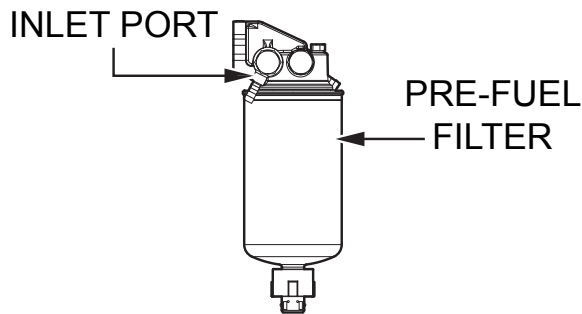
## FUEL LINE CLEANING

1. Disconnect the quick-connect fitting securing the pre-filter hose to the pre-fuel filter (Figure 8).



**Figure 8. Pre-Filter Hose Removal**

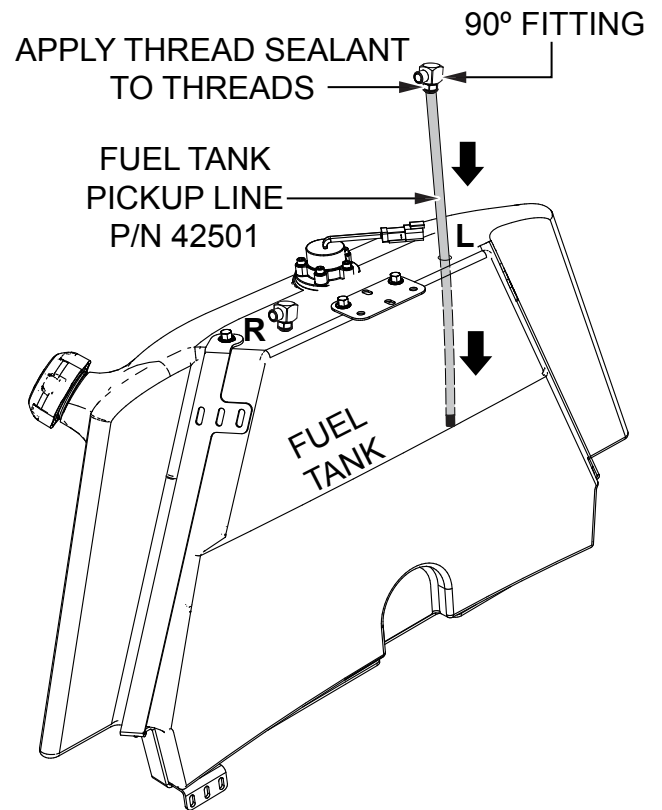
2. Thoroughly clean the pre-filter hose. Make sure all debris is fully removed from the hose.
3. Inspect the inlet port on the pre-fuel filter (Figure 9) for debris, and clean if necessary.



**Figure 9. Pre-Fuel Filter Inlet Port**

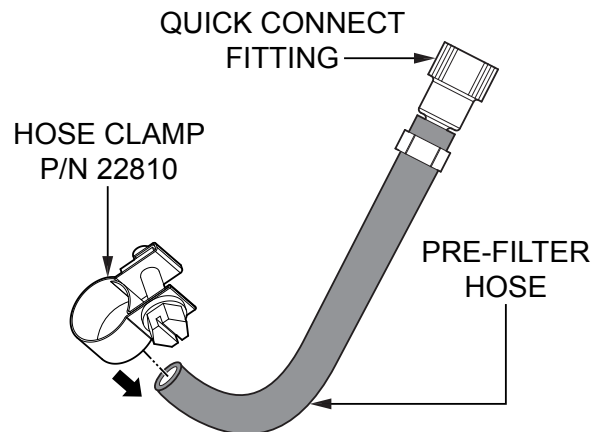
## FUEL LINE INSTALLATION

1. Apply thread sealant to the threads of the 90° fitting on the new fuel tank pickup line (P/N 42501). See Figure 10.



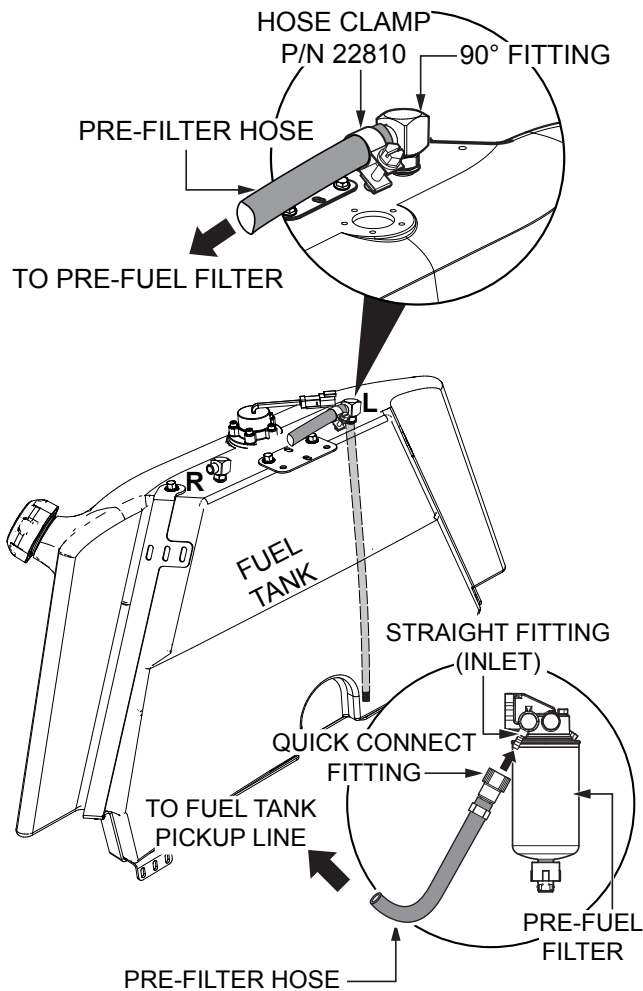
**Figure 10. Fuel Tank Pickup Line Installation**

2. Insert the new fuel tank pickup line (P/N 42501) into the fuel tank and tighten the 90° fitting securely. See Figure 10.
3. Place the new hose clamp (P/N 22810) onto the end of the pre-filter hose opposite the quick-connect fitting. See Figure 11.



**Figure 11. Hose Clamp Placement**

4. Connect the end of the pre-filter hose with the quick-connect fitting to the inlet side of the pre-fuel filter (Figure 12).



**Figure 12. Pre-Filter Hose Installation**

5. Connect the other end of the pre-filter hose to the 90° fitting on the **LEFT** side of the fuel tank.
6. Secure the pre-filter hose to the 90° fitting with the hose clamp (P/N 22810). See Figure 12.
7. Reconnect the negative (**BLACK**) battery cables.
8. Reinstall the **LEFT** grill guard.





# Service Bulletin

## HTX6H Fuel Tank Pickup Line Modification

### HERE'S HOW TO GET HELP

PLEASE HAVE THE MODEL AND SERIAL  
NUMBER ON-HAND WHEN CALLING

#### UNITED STATES

##### ***Multiquip Corporate Office***

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Carson, CA 90746      Fax (310) 537-3927  
Contact: mq@multiquip.com

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310-537-3700

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##### ***MQ Parts Department***

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310-537-3700

##### ***Warranty Department***

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