



## Service Bulletin HHNG5 Mechanical Ride-On Trowels Charcoal Canister Bracket Replacement

Product Group:	Date Issued:	Service Bulletin No. TR20160720			
Ride-On Trowels	08/02/16				
<b>Bulletin Type</b>		Models/Series Affected:			
X_ Mandatory		HHNG5 S/N PD0209362 — PD0209401 S/N PE0209411 — PE0209438 S/N PF0209459 — PF0209489			
Information Only					
Recommended Change					

#### **Details**

#### **Problems:**

a. Fuel from the fuel tank vent hose can spill onto the charcoal canister causing fuel saturation of the canister.

#### Solutions:

a. Replace existing charcoal canister bracket with new designed bracket. The new bracket allows the canister to be mounted in a position higher than the vent hose.

#### **Parts Information**

•	Item No.	Part No.	Description	QTY.	Remarks
	1	32679	Bracket, Charcoal Canister	1	

#### **WORK SAFELY!**

Only a *qualified service technician* with proper training should perform this installation. Follow all shop safety rules when performing this installation.

#### **REQUIRED TOOLS**

- Ratchet and Socket Set
- Flat Blade Screwdriver

#### CHARCOAL CANISTER REMOVAL

1. Place the fuel valve lever (Figure 1) in the **CLOSED** position.

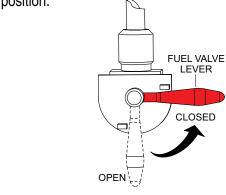


Figure 1. Fuel Valve Lever (Closed)

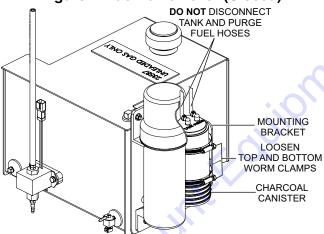


Figure 2. Charcoal Canister Removal

Remove the two large worm clamps that secure the canister to the mounting bracket. DO NOT discard worm clamps, they will be mounted onto the new mounting bracket.

#### NOTICE

**DO NOT** remove *tank* and *purge* fuel hoses from charcoal canister.

Remove canister and set on top of fuel tank.

#### MANUAL HOLDER REMOVAL

Unscrew the cap (Figure 3) from the manual holder.
 This will allow for easy access to the manual holder retaining nuts.

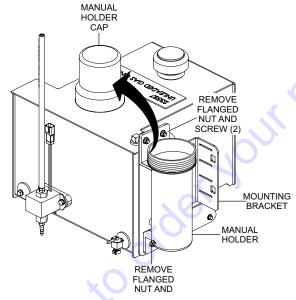
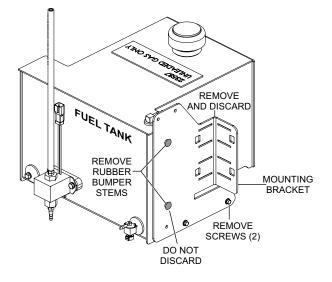


Figure 3. Manual Holder Removal

- Next, remove the three flanged nuts and screws that secure the manual holder (Figure 3) to the mounting bracket.
- 3. Remove manual holder from mounting bracket and set aside.

#### MOUNTING BRACKET REMOVAL

 Remove the two screws (Figure 4) that secure the mounting bracket to the fuel tank. Screws can be located at bottom of mounting bracket.



**Figure 4. Mounting Bracket Removal** 

- Remove both existing rubber bumper stems from the mounting bracket. DO NOT discard bumper stems, they will be mounted onto the new mounting bracket.
- 3. **Discard** mounting bracket.

#### RUBBER BUMPER STEMS INSTALLATION

Insert the existing rubber bumper stems (Figure 5) into the hole opening on the *new* mounting bracket (P/N32679).

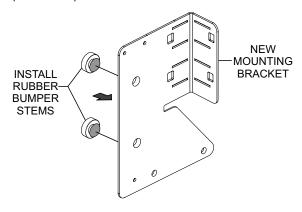


Figure 5. Bumper Stems Installation

#### MANUAL HOLDER INSTALLATION

 Reinstall manual holder (Figure 6) back onto charcoal canister bracket using the three mounting screws and flanged nuts that were removed earlier (Figure 3).

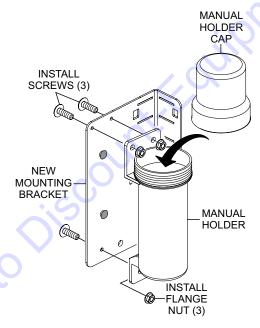


Figure 6. Manual Holder Installation

Reinstall cap back onto manual holder.

# NEW MOUNTING BRACKET/CHARCOAL CANISTER INSTALLATION

- 1. Place new mounting bracket (Figure 7) up against the fuel tank, and secure at bottom of fuel tank using the two mounting screws that were removed earlier (Figure 4).
- 2. Secure charcoal canister (Figure 7) to mounting bracket using the existing large worm clamps. Tighten each clamp securely.

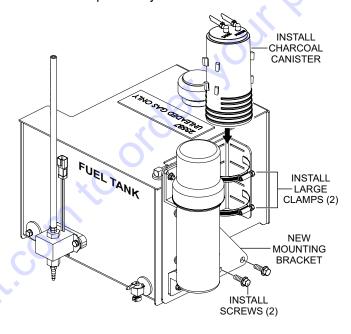


Figure 7. Installing Mounting Bracket/ Charcoal Canister

3. Place the fuel valve lever (Figure 8) in the **OPEN** position.

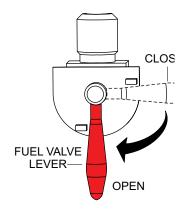


Figure 8. Fuel Valve Lever (Open)

4. Start engine and check for fuel leaks.

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