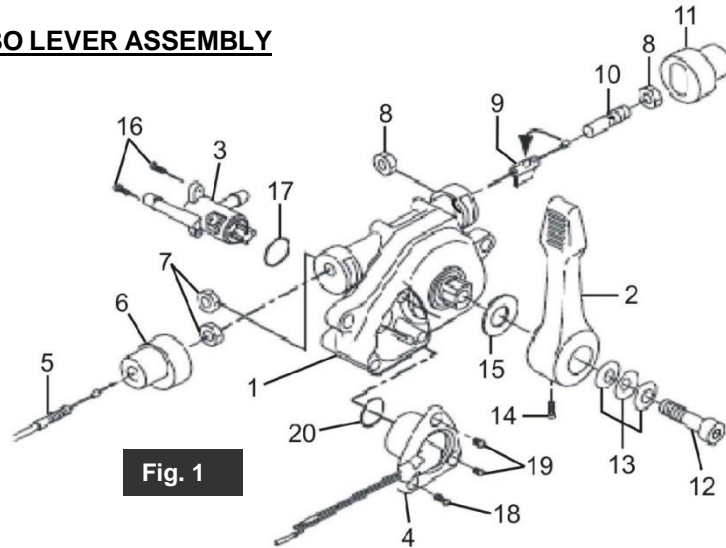


## REMOVE AND REBUILD COMBO LEVER (Including stop switch and fuel valve R & R instructions)

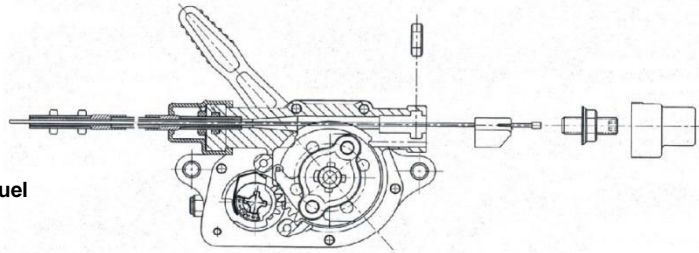
### COMPLETE COMBO LEVER ASSEMBLY



### COMBO LEVER POSITIONS

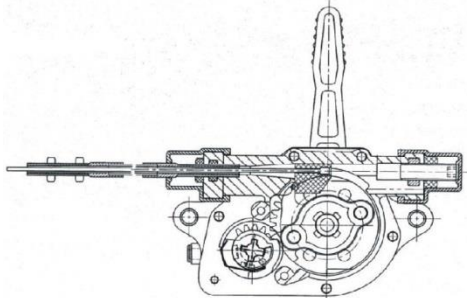
**a) Lever in OFF position:**

Stop Switch in "OFF/CLOSED" Fuel Valve is "CLOSED"



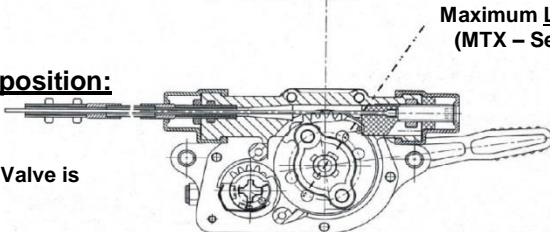
**b) Lever in IDLE position:**

Stop Switch is "ON/OPEN" Fuel Valve is "OPEN"



**c) Lever in FULL THROTTLE position:**

Stop Switch is "ON/OPEN" Fuel Valve is "OPEN"



**Fig. 2**

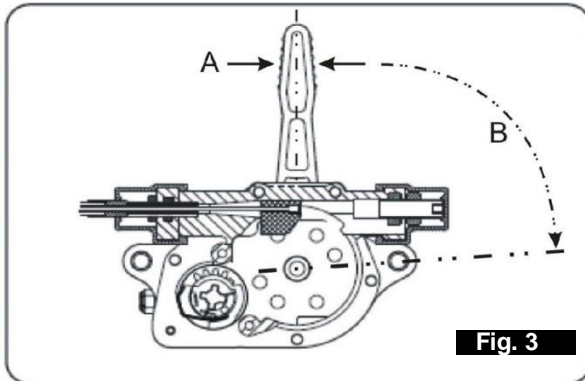
**Maximum Lever Position at Full Throttle for (MTX - Series Rammers Application)**

*(Fig. 1, items 8, 10 and 11) must be removed and throttle wire disconnected from the engine to achieve this throttle lever detent position.*

## 1 – PREPARE COMBO LEVER FOR STEPS 2, 3 & 4:

Note: The following can be done with the Combo Lever on or off the unit. (See **NOTE**)

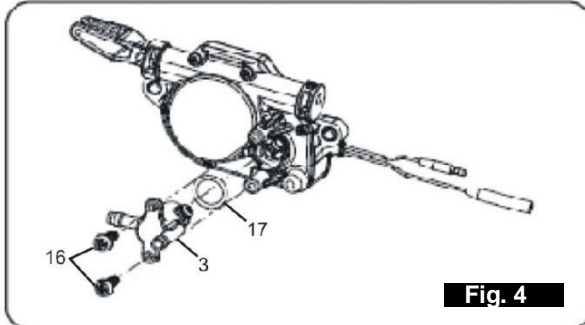
- Move the Throttle Lever to the idle position (Fig. 3, A).
- Remove the End Cap item (11, Fig. 1), Screw item (10, Fig. 1) & two Nuts items (8, Fig. 1).
- Disconnect the throttle wire from the engine.
- Move the lever to the full throttle detent position (Fig. 3, B). Additional info, see (Fig. 2, c



**NOTE:**  
With the Combo Lever in the off position disconnect the fuel lines and plug and secure them so there are no leaks. Disconnect the Stop Switch wires.

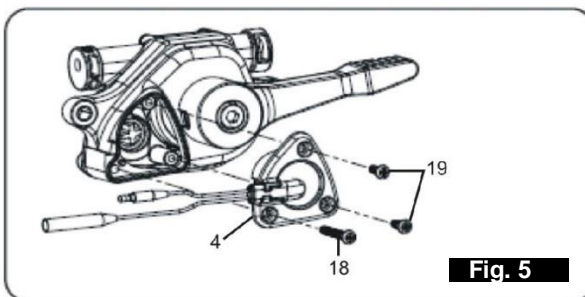
## 2 – FUEL VALVE REMOVAL:

- Remove the Tap Screws items (16, Fig. 4).
- Carefully remove the Fuel Valve item (3, Fig. 4) with O-ring item (17, Fig. 4).



## 3 – STOP SWITCH REMOVAL:

- Remove the Tap Screw item (18, Fig. 5) and Tap Screws items (19, Fig. 5).
- Carefully remove the Stop Switch item (4, Fig. 5).

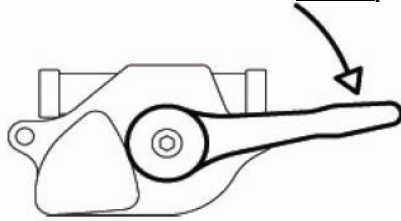


**CAUTION**  
Never disassemble the stop switch (4).

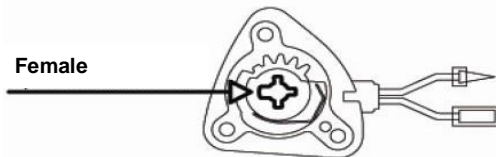
## 4 – INSTALLATION OF THE FUEL VALVE & STOP SWITCH:

### a) Prepare the components for installation: Proceed with steps. 1a, 2a & 3a:

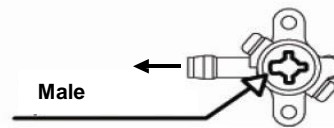
(1a) Ensure the lever is in the full throttle detent position, (reference step 1)



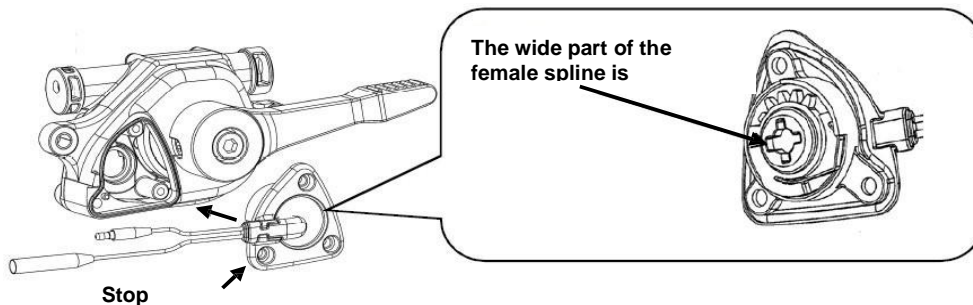
(2a) Set the wide part of the female spline parallel with the Stop Switch wires as indicated by the arrow.



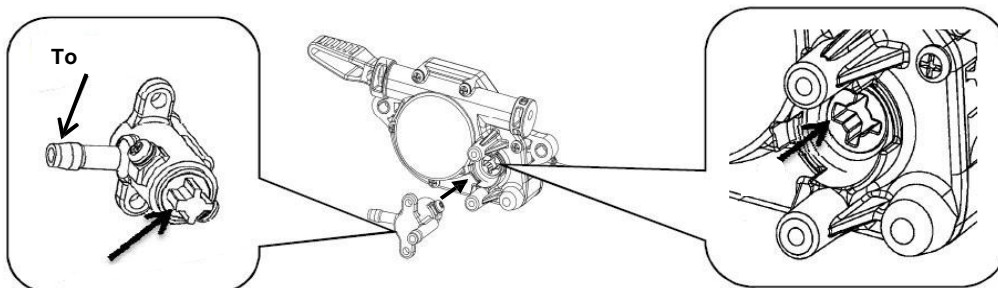
(3a) Set the wide part of the male spline parallel with the output tube of the Fuel Valve as indicated by the arrow.



### b) Install the Stop Switch:



### c) Align the wide male spline of the Fuel Valve with the wide female spline of the installed Stop Switch and carefully install the Fuel Valve and tap screws.



d) 1 – Place the lever back in the idle position, (reference step 1, A).

2– Install the items removed in (step 1, b) with exception of the End Cap.

3– Adjust the Screw item (10, Fig. 1) so the end is flush with the Nut item (8, Fig. 1), attach the throttle wire to the engine and reconnect the fuel hoses and wires.

4– Start the engine and set the proper high RPM by adjusting the Screw item (10, Fig. 1), when set, tighten the Nut item (10, Fig. 1) and finish by installing the End Cap item (11, Fig. 1).

## ADDITIONAL INFORMATION

### 5- LEVER REMOVAL & INSTALLATION:

Reference (Fig. 6) for the following:

- a) Remove Bolt (14).
- b) Remove Bolt (12).
- c) Remove Lever (2).
- d) Install in the reverse order.

**Note:** The conical washers items (13, Fig. 6) must be positioned in the direction indicated in (Fig. 7) during installation.

