



MODEL NO. 41089

# SET-UP INSTRUCTIONS SHEET

## SONIC BOOM™ KIT - MULTI PRO® 5600

This manual includes set-up instructions for areas that are specific to the MULTI PRO® 5600. Refer to the complete Set-Up instructions and its illustrated Parts List for the details of parts used in assembling the Sonic Boom™ Kit.

**NOTE: In order to use a Sonic Boom™ Kit your sprayer must first be equipped with an Electric Boom Lift Kit. The Harness included with the Electric Boom Lift Kit will not be used with the Sonic Boom™ accessory and may be discarded.**

**NOTE: "Right" and "Left: as used in the following instructions, refer to the operator's right and left when seated in the normal operating position. Likewise "Front" and "Rear" as seen from the operator's position.**

1. Mount ECU to Plate using four (4) 1/4 NC x 2-1/2" hex hd cap screws, lock washers and hex nuts. See FIG. 1.

2. Mount four (4) Relays to Plate using 1/4 NC x 5/8" hex hd cap screws, lock washers and hex nuts.

3. Mount Fuse Block to Plate using two (2) # 10 NCx5/8" rec. rd. hd. mach. screws and hex nuts.

4. Connect Wiring Harness to ECU and Relays. Tighten ECU and Connector screws.

5. Mount ECU plate to Vehicle post on right side under Dash, using two (2) 5/16 NC x 3/4" cap screws and lock washers. See FIG. 2.

6. Install Sonic Boom™ Decal and Indicator Light on Dash, and connect Harness Leads to Light. See FIG. 2.

7. Route Wiring Harness through floor along side the Vehicle Harness and Hydraulic Lines. Route under floor toward the right side of the vehicle, through harness guides, and to front right corner of the Seat Box.

8. Install "R" Clamps provided in place of existing "R" Clamps located under both Passenger and Operator Seats.

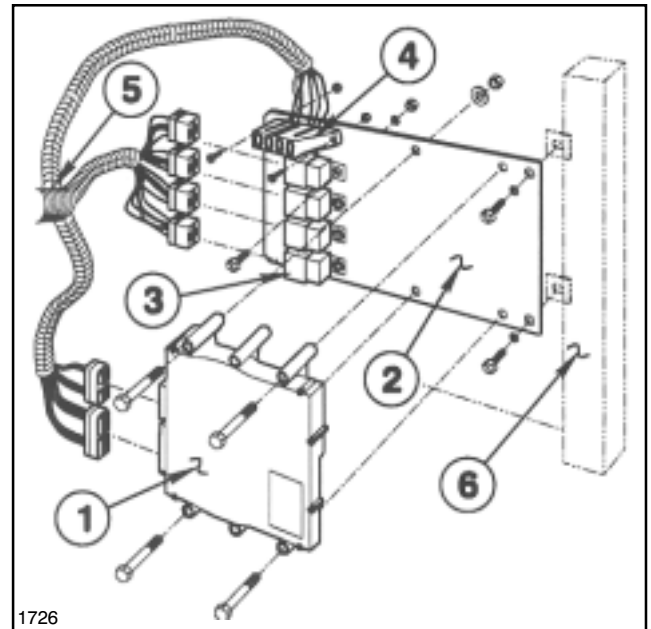


FIG. 1

1. ECU
2. Plate
3. 4 Relays

4. Fuse Block
5. Wiring Harness
6. Mounting Post

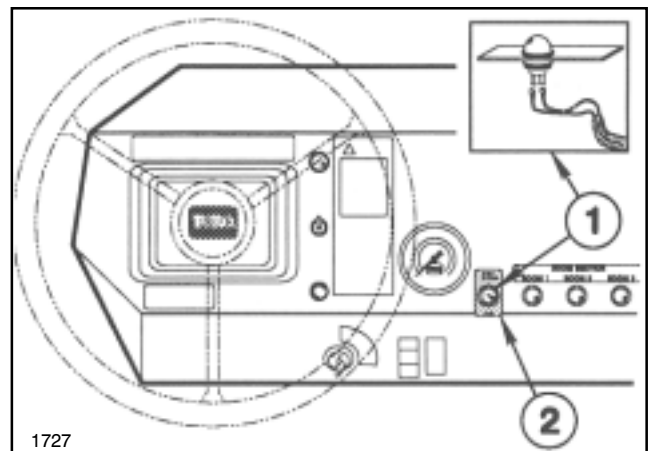


FIG. 2

1. Indicator Light

2. Sonic Boom™ Decal

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9. Route Harness through new "R" clamps with existing Harness. Identify Harness lead with 3 clear 6-pin connectors. Route that portion through the bottom of the Center Console.

10. Route Harness to Fuse Block under Operator Seat. Connect power and ground wires as shown in FIG. 3.

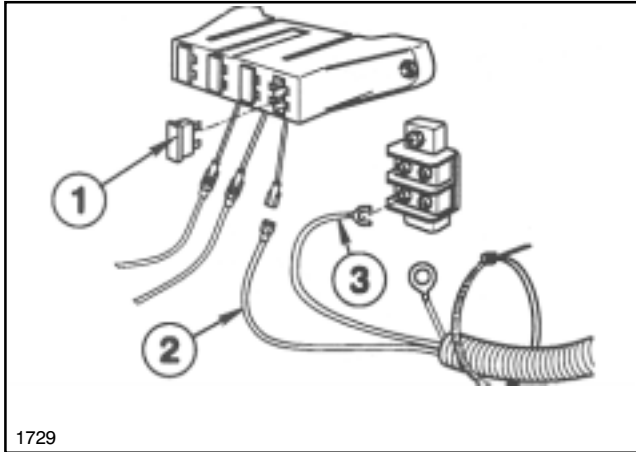


FIG. 3

- 1. Fuse
- 2. Power Wire

- 3. Ground Wire

11. Route remaining Harness along right side of Vehicle to the Boom, following the Vehicle Harness through the Harness Guides.

**NOTE: Use Tie Straps provided to attach Harness to existing Harness or to tie up extra Sonic Boom™ Harness whenever Necessary.**

12. To use the standard harness for the Sonic Boom Kit on the Multi Pro® 5600, the harness must be modified to mate with the three Rocker Switches provided. Refer to steps a thru d and illustrations for this procedure.

a. Place a piece of tape around each group of wires going to the three 6-pin connectors to keep the three groups separated.

b. Remove the wires/terminals from the 6-pin connectors using a small flat tip screw driver. Insert the tip of the screwdriver into a socket of the Connector from the side opposite of where the wires go in and on the side where the metal Tang of terminal locks into the connector. See FIG. 4. Press the Tang back completely and pull the wire/terminal from the socket.

c. Repeat the removal of wires/terminals from the other sockets and from the other 6-pin connectors. After removing the terminals, lift the Tangs back up to their original height.

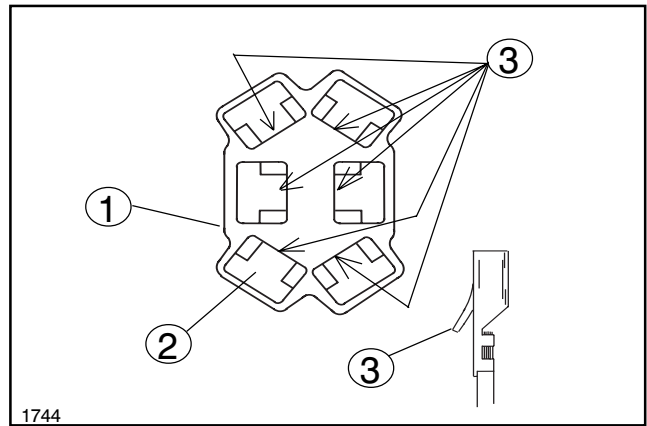


FIG. 4

- 1. Connector
- 2. Socket

- 3. Tang

d. Install the terminals/wires into the sockets of the new Connector Housings, provided, as shown in FIG. 5. Places all the wires from each group into a single Connector Housing. Orient the terminals as shown in FIG. 5, with the Tangs facing in the direction of the Locking Arm. Firmly press the terminals into the sockets.

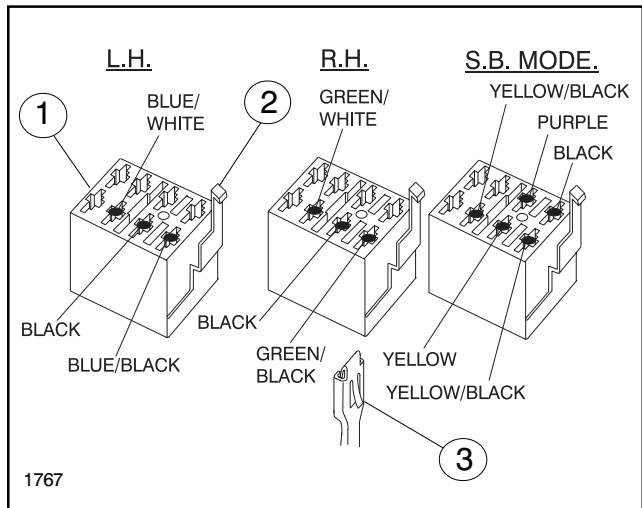


FIG. 5

- 1. Connector Housing
- 2. Locking Arm

- 3. Tang

13. Lift and remove the three plugs from the Center Console Panel and install the three Rocker Switches provided in the location shown in Fig. 6, page 3. Insure their orientation matches the orientation shown in FIG. 6, page 3 with the cut-out notch to the rear of the vehicle. This notch indicates the end of the switch to which the locking Arm (Connector Housing) will mate.

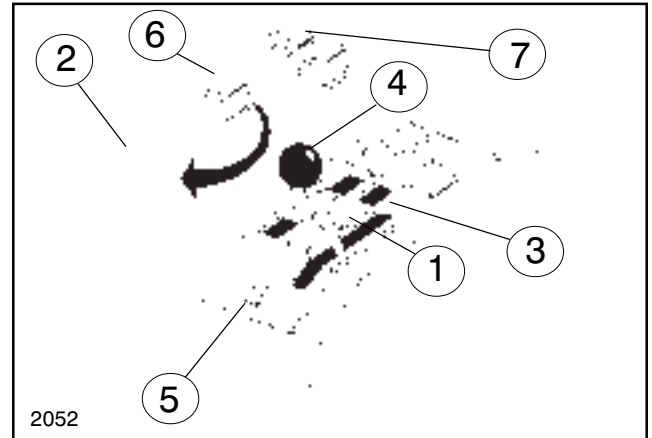
14. Unscrew and remove the Throttle Knob. Release the Draw Latch and remove the Center Console Panel. See FIG. 6, page 3.

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**15.** Plug the Connector Housings onto their respective switches in the Center Console Panel (Blue to LS Switch, Green to RS Switch, and Yellow and Purple to Sonic Boom Switch).

**16.** Replace Center Console Panel and Throttle Knob.

**NOTE:** Use Tie Straps provided to attach Harness to existing Harness or to tie up extra Sonic Boom™ Harness wherever necessary.



**FIG. 6**

- |                         |                       |
|-------------------------|-----------------------|
| 1. Plug                 | 5. Draw Latch         |
| 2. Notch                | 6. Sonic Boom Switch  |
| 3. Center Console Panel | 7. Boom Lift Switches |
| 4. Throttle Knob        |                       |

## NOTES:



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