INSTRUCTION MANUAL FOR REPLACING THE WICK

RSA-8
MODEL RSA-10

TOYOTOMI AMERICA INC.

Note: Burning the old wick dry before you remove it will eliminate most of the kerosene and make the wick easier to handle.

WARNING: Before disassembly your heater, allow it to cool completely. Remove the batteries from the battery holder.

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1. Release the automatic extinguisher by jarring the heater. To do so, grasp the drip tray and quickly pull the heater toward you.

2. Open the grille, swing it out, then remove the heat chamber.

3. Grasp the automatic extinguisher reset lever and pull it toward you. A quick release allows the lever to snap out. Remove the three (3) LARGE thumbscrews at the sides and rear of the cabinet, then lift the cabinet off the fuel tank. Then disconnect the two electrical leads (red and white) attached to the battery holder.

4. Remove the three (3) SMALL thumbscrews holding the extinguisher assembly. Lift off the extinguisher assembly.

5. Loosen the three (3) wing nuts around the wick adjuster and turn the retainer until you can lift the entire wick adjuster assembly out of the fuel tank. Then lift it out.

6. Slide the rubber packing off the wick. If the rubber packing remains on the tank, remove the packing from the tank.

7. Turn the wick adjuster knob counterclockwise until it stops. Then gently pull the knob and continue turning counterclockwise to the lowest wick position.

8. Fold the wick in towards the center to free it from the wick adjuster and then remove the old wick.

9. Fold the new wick and insert it into the wick adjuster. Aline the red line on the outside of the wick with the bottom edge of the wick adjuster.

Finally, gently press the wick, all along its circumference, against the adjuster to insure that it is firmly in place.

10. Slide the rubber packing over the bottom of the wick and install it on the wick adjuster. Insert the projection on the packing into the hole on the rear of the adjuster. Be sure the four (4) tails of the wick extend downward.

11. Lower the wick adjuster assembly into the fuel tank, guiding the four (4) tails of the wick so it fits over the primary air tube and evenly into place. Position the wick adjuster shaft in the U-shaped guide at the front of the tank.

The space between the wick adjuster and the primary air tube should be even all around.

Make certain that the top of the wick adjuster and the top of the primary air tube are the same height.

Re-position the three (3) retainers and tighten the three (3) wing nuts around the wick adjuster assembly.

Operate the wick adjuster knob to be sure the wicks move smoothly up and down.

Wick height should be 5 mm (1/5 in.) when wick adjuster knob is fully clockwise. Be sure to check.

Note: If the wick does not move smoothly and easily, or wick height is more or less than 5 mm (1/5 in.), disassemble and repeat items 9—11.

Note: If any ragged edges appear on the top of the wick, trim them with a scissors carefully.

DO NOT cut the body of the wick.

12. Install the automatic extinguisher assembly using the three (3) SMALL thumbscrews.

13. Reconnect the red and white electrical leads to the battery holder. Check to be sure the wires are not pinched by the extinguisher assembly.

Replace the cabinet on the fuel tank and secure it into position with three (3) LARGE thumbscrews.

Replace the extinguisher reset lever by pushing it into its slot. Be sure that the lever snaps into position.

Engage the automatic extinguisher. Install the heat chamber. Grasp the wire handle, then turn the heat chamber left and right to insure that it is properly seated.

AFTER REPLACING THE WICK, CHECK THE OPERATION OF THE AUTOMATIC EXTINGUISHER.

Note: Before lighting a new wick for the first time, turn the wick to its lowest position. Allow the wick to saturate with kerosene for about thirty (30) minutes.

Printed in Japan
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**WARNING:** Before disassembly your heater, allow it to cool completely. Remove the batteries from the battery holder.

1. Release the automatic extinguisher by jarring the heater. To do so, grasp the drip tray and quickly pull the heater toward you.

2. Open the grille, then remove the heat chamber.

3. Grasp the automatic extinguisher reset lever and pull it toward you. A quick release allows the lever to snap out. Remove the three (3) LARGE thumbscrews at the sides and rear of the cabinet, then lift the cabinet, then lift the cabinet off the fuel tank. Then remove the battery holder on the rear of the tank by removing the wing nut.

4. Remove the three (3) SMALL thumbscrews holding the extinguisher assembly. Lift off the extinguisher assembly.

5. Loosen the three (3) wing nuts around the wick adjuster and turn the retainer until you can lift the entire wick adjuster assembly out of the fuel tank. Then lift it out.

6. Slide the rubber packing off the wick. If the rubber packing remains on the tank, remove the packing from the tank.

7. Turn the wick adjuster knob counterclockwise until it stops. Then gently pull the knob and continue turning counterclockwise to the lowest wick position.

8. Fold the wick in towards the center to free it from the wick adjuster and then remove the old wick.

9. Fold the new wick and insert it into the wick adjuster. Aline the red line on the outside of the wick with the bottom edge of the wick adjuster. Finally, gently press the wick, all along its circumference, against the adjuster to insure that it is firmly in place.

10. Slide the rubber packing over the bottom of the wick and install it on the wick adjuster. Insert the projection on the packing into the hole on the rear of the adjuster. Be sure the four (4) tails of the wick extend downward.

11. Lower the wick adjuster assembly into the fuel tank, guiding the four (4) tails of the wick so it fits over the primary air tube and evenly into place. Position the wick adjuster shaft in the U-shaped guide at the front of the tank.

The space between the wick adjuster and the primary air tube should be even all around.
Make certain that the top of the wick adjuster and the top of the primary air tube are the same height.
Re-position the three (3) retainers and tighten the three (3) wing nuts around the wick adjuster assembly.
Operate the wick adjuster knob to be sure the wick moves smoothly up and down.
Wick height should be 5 mm (1/5 in.) when wick adjuster knob is fully clockwise. Be sure to check.

**Note:** If the wick does not move smoothly and easily, or wick height is more or less than 5 mm (1/5 in.), disassemble and repeat items 9—11.

**Note:** If any ragged edges appear on the top of the wick, trim them with a scissors carefully.

DO NOT cut the body of the wick.

12. Install the automatic extinguisher assembly using the three (3) SMALL thumbscrews.

13. Replace the battery holder by the wing nut. Check to be sure the wires are not pinched by the extinguisher assembly. Replace the cabinet on the fuel tank and secure it into position with three (3) LARGE thumbscrews. Replace the extinguisher reset lever by pushing it into slot. Be sure that the lever snaps into position. Reassemble the heater.

**AFTER REPLACING THE WICK, CHECK THE OPERATION OF THE AUTOMATIC EXTINGUISHER.**

**Note:** Before lighting a new wick for the first time, turn the wick to its lowest position. Allow the wick to saturate with kerosene for about thirty (30) minutes.

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