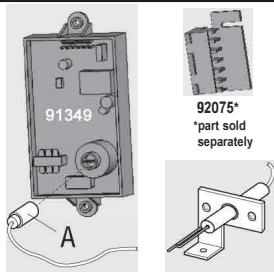


CIRCUIT BOARD REPLACEMENT

Revision A, 07/30/18

MPD 91363 Kit - circuit board with electrodes.
MPD 91349 circuit board only. MPD 93868 electrode only.



This Circuit Board Kit
is used with a
Gas Only
Direct Spark Ignition
Water Heater

For complete water heater instructions consult manual.

WARNING

FIRE AND/OR EXPLOSION

- Use with LP gas only.
- Installation in Recreation Vehicle only. Recreation Vehicles are designed as temporary living quarters for recreation, camping or travel use having their own power or towed by another vehicle.

CAUTION

ELECTRICAL DAMAGE

- Label all wires before disconnecting when servicing.
- Verify proper operation after servicing.

REMOVAL PROCEDURE-

1. Water heater switch must be in OFF position. Remove red wire from left-hand terminal of ECO switch (ECO to valve).
2. Slide ignition protection boot -A off ignition coil on front of circuit board.
3. Remove two screws attaching circuit board and green ground wire to water heater combustion pan.
4. Remove wiring harness plug from upper left side of circuit board. Board is now free.

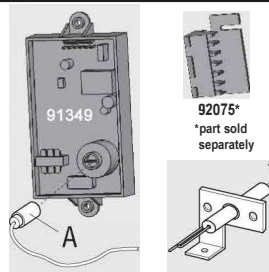
Note: Wiring harness may contain a white wire. Roll it up and tape it securely out of the way. It will not be used with this circuit board.

continued backside

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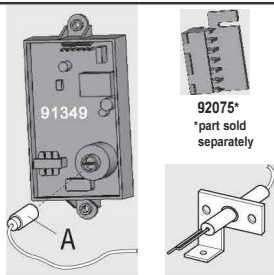
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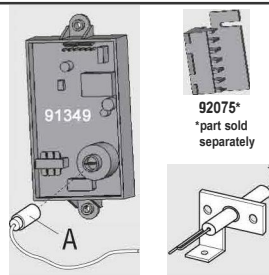
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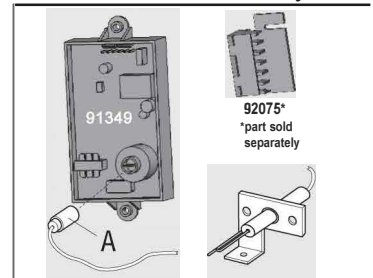
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Note: The replacement circuit board may be smaller than your current board. Position board in upper right corner of water heater combustion pan and mark hole location. Carefully drill or punch holes for mounting screws of circuit board. Be careful not to puncture tank.

Note: With dual porcelain electrodes, you will not need to use black or white sense wire or wiring harness.

INSTALLATION PROCEDURE-

1. Reconnect wiring harness to new circuit board. (Use 93311 adapter if needed.)
2. Mount circuit board to water heater with sheet metal screws (included in the kit), installing green ground wire under upper mounting screw of board.
3. Reconnect high voltage wire-A to ignition coil on front of circuit board and reconnect left hand ECO lead.
4. Start water heater, check for ignition.

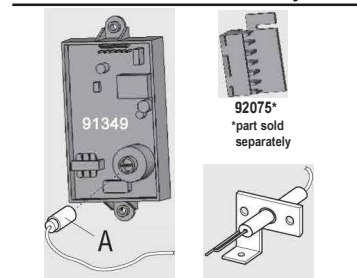
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- Do not install screw in the lower left-hand corner of circuit board. Damage to the inner tank will occur.

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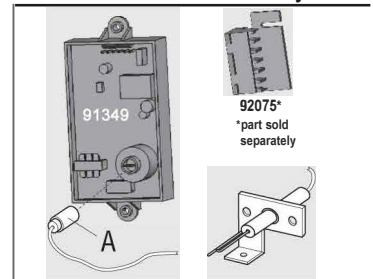
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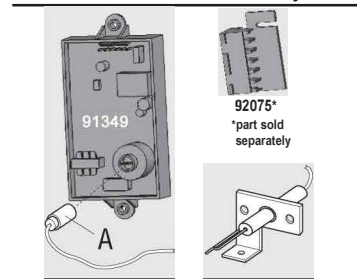
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