



## Installation Instructions for your new Brucato Power ACU

### PLUG-N-PLAY!

1. Check to be sure you have RESISTOR SPARK PLUGS installed. See bottom of sheet.
2. Disconnect battery.
3. Unplug harness and map sensor hose from old ECU.
4. Unbolt old ECU from motor and remove any accessories from old ECU and install onto new Brucato ACU.
5. Bolt Brucato ACU in same place as old ECU.
6. Plug in vacuum hose.
7. Plug in Brucato ACU harness CAREFULLY. The pins line up in a single orientation. Do NOT FORCE the ends together. Spin the harness until the pins slide together easily.
8. Reconnect the battery.

### Spark Plug Specifications

You **MUST** use **ONLY resistor spark plugs** with the Brucato ACU. This may or may not be the Factory Mercury recommended spark plug that is in your motor now. Brucato Power recommends ONLY using NGK spark plugs. **Please do not substitute any other brand.**

All Stock Mercury/Mariner 150, 175, 200 motors up to 1999; BR8HS\* or BUZ8H\*\*  
All Stock Mercury/Mariner 150, 200, 225 ProMax/Super Magnum; BR8HS\* or BUZ8H\*\*  
Year 2000-2001 Mercury 150, 175, 200 BPZ8H  
Mercury 240 Sport Jet BPZ8H  
Mercury 2.4 Bridgeport Offshore BR9HS\*  
Mercury/Mariner 260 BR9HS\* or BUZHW\*\*\*  
Mercury/Mariner 300 Drag BR9HS\* or BUZHW\*\*\*

\*This is a ground strap electrode type spark plug. This should be gapped @ .035". Be sure there is an "R" in the part number. This is what designates this as a resistor plug. You can also use a part number with a "-10" suffix, such as BR8HS-10 or BR9HS-10. This signifies that they are pre-gapped at .040" (1mm). You will still need to gap them @ .035".

\*\*BUZ8H is an inductive resistor surface gap spark plug. This is a more expensive option to the BR8HS. The "Z" in the part number is what designates this as an inductive resistor plug. It MUST have the "Z" in the number. **DO NOT USE BU8H !**

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*For advanced tuning instructions visit our website at [www.brucatopower.com](http://www.brucatopower.com)*