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IBANEZ® Jem guitar with VLX-91 switch

Most recent Ibanez guitars have this switch

SUSTAINIAC® DRIVER

HARMONIC MODE CONTROL
 CLOCKWISE: IN = Normal mode
 Pull OUT = Mix
 COUNTERCLOCKWISE: IN = Harmonic mode
 Pull OUT = Harmonic mode #2

SUSTAINER OFF

1. Bridge humbucker
2. Bridge tap + middle
3. Middle
4. Neck + bridge humbucker
5. Neck pickup (Sust. driver)

SUSTAINER ON

1. Bridge humbucker
2. Bridge tap
3. Bridge tap
4. Bridge humbucker
5. Bridge humbucker

GROUND CONNECTIONS

1. Output jack
2. 9-volt (-) (same point as 8-pin black)
3. Sustainiac 8-pin black
4. Sustainiac 10-pin black
5. Sustainiac driver shield
6. Bridge pickup shield
7. Bridge pickup "low side"
8. C terminal of pickup selector switch containing bridge pickup tap wire
9. All pot bodies (whether 2 or 3).

**Solder ground wires to pot body, or tab, but not to the square switch portion of the control. Otherwise, internal plastic parts will melt.

**Keep wires short to minimize electronic crosstalk from sustainer to pickup signal, to minimize distortion and "grunge"

Shield wire connect to pot body

BRIDGE PICKUP

Splice bridge pickup "low" side wire to shield wire, connect both to ground (pot body)
 Wire colors shown are often different for different pickup types/brands.

