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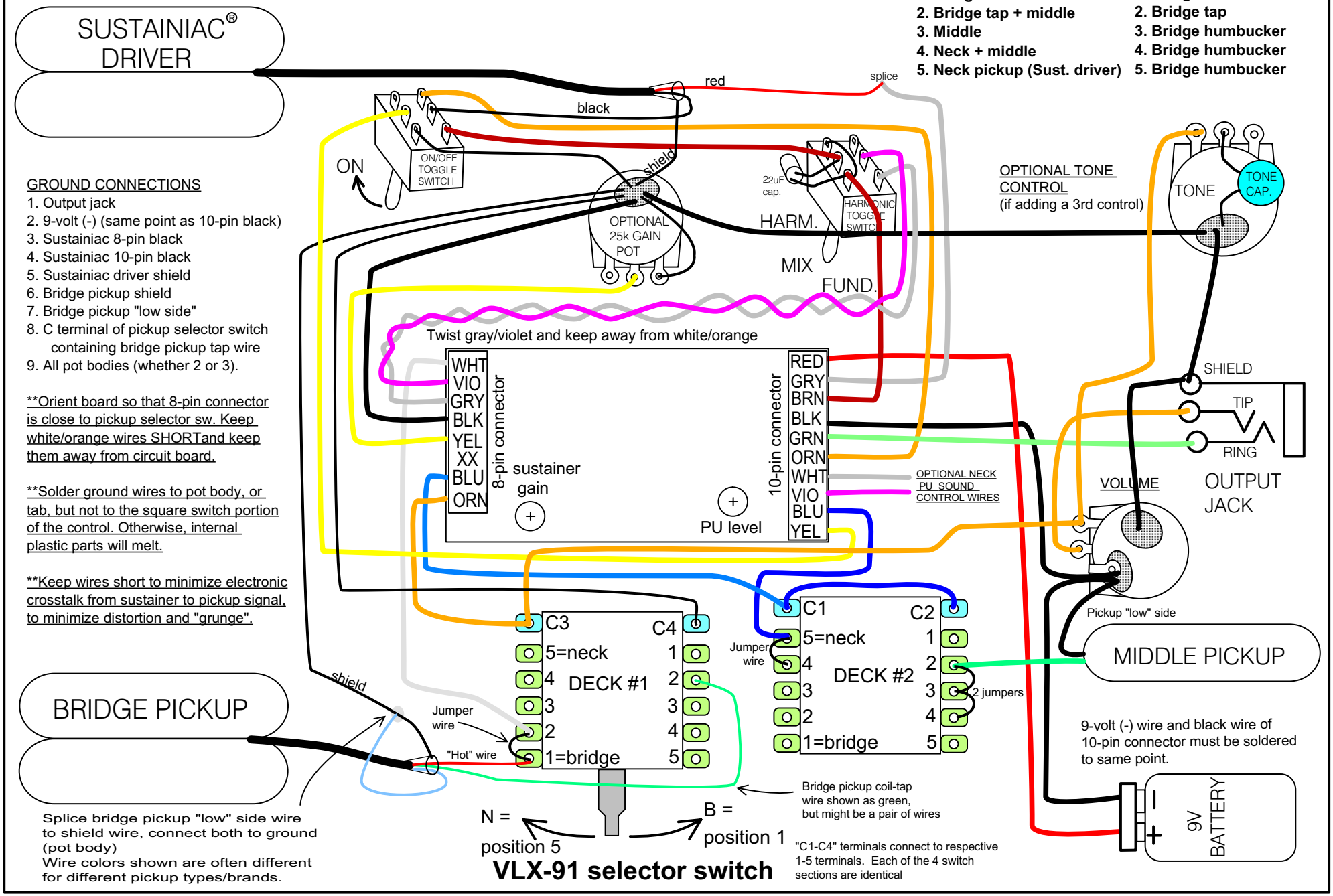
IBANEZ Jem® guitar with VLX-91 switch

Many recent Ibanez guitars have this switch

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



GROUND CONNECTIONS
1. Output jack
2. 9-volt (-) (same point as 10-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).

**Orient board so that 8-pin connector is close to pickup selector sw. Keep white/orange wires SHORTand keep them away from circuit board.

**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".