

The diagram illustrates the electrical control of three solenoids (SOL1, SOL2, SOL3) using a common power supply and individual optocoupler-MOSFET drivers.

- Power Supply:** Connected to terminals SOLPWR+ and SOLPWR-.
- Solenoid 1 (SOL1):**
 - Controlled by optocoupler U1.
 - Driver MOSFET Q1 (IRF510) is connected to SOLPWR+.
 - Solenoid coil is connected to SOL1 and ground.
- Solenoid 2 (SOL2):**
 - Controlled by optocoupler U2.
 - Driver MOSFET Q2 (IRF510) is connected to SOLPWR+.
 - Solenoid coil is connected to SOL2 and ground.
- Solenoid 3 (SOL3):**
 - Controlled by optocoupler U3.
 - Driver MOSFET Q3 (IRF510) is connected to SOLPWR+.
 - Solenoid coil is connected to SOL3 and ground.

Each circuit includes a 390Ω resistor (R1, R2, R3) in series with the solenoid coil and a 1kΩ resistor (R8, R9, R10) in series with the MOSFET gate. The MOSFETs are 4N35 optocouplers.