

The diagram illustrates the wiring for the J2 connector, which is used for SLKCAN power and CAN communication. It consists of four parts:

- BIKE SIDE:** A top-down view of the connector showing pins 1 through 6.
- CABLE SIDE:** A bottom-up view of the connector showing pins 1 through 6.
- Wiring Diagram:** A schematic showing the connection between the cable and the bike side. The cable side pins are labeled 1 (RED), 2 (YELLOW), 3 (WHITE), and 4 (BLACK). The bike side pins are labeled 1 (RED), 2 (YELLOW), 3 (WHITE), and 4 (BLACK). The connections are:
 - Pin 1 (RED) to Pin 1 (RED)
 - Pin 2 (YELLOW) to Pin 2 (YELLOW)
 - Pin 3 (WHITE) to Pin 3 (WHITE)
 - Pin 4 (BLACK) to Pin 4 (BLACK)
- Photo:** A photograph showing the physical connection of the cable to the bike side of the connector.

Diagram illustrating the wiring of the SLKCAN FTDI module to the Programmer module:

- SLKCAN FTDI (J1):**
 - 1: GND
 - 2: SLK 5V
 - 3: RX
 - 4: TX
 - 5: 6
 - 6: 6
- Programmer (J2):**
 - 1: BLACK
 - 2: WHITE
 - 3: YELLOW
 - 4: 4
 - 5: 5
 - 6: RED
- Wiring Connections:**
 - SLKCAN FTDI J1-1 (GND) to J2-6 (RED)
 - SLKCAN FTDI J1-2 (SLK 5V) to J2-5 (5)
 - SLKCAN FTDI J1-3 (RX) to J2-4 (4)
 - SLKCAN FTDI J1-4 (TX) to J2-3 (YELLOW)
 - SLKCAN FTDI J1-5 (6) to J2-2 (WHITE)
 - SLKCAN FTDI J1-6 (6) to J2-1 (BLACK)

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