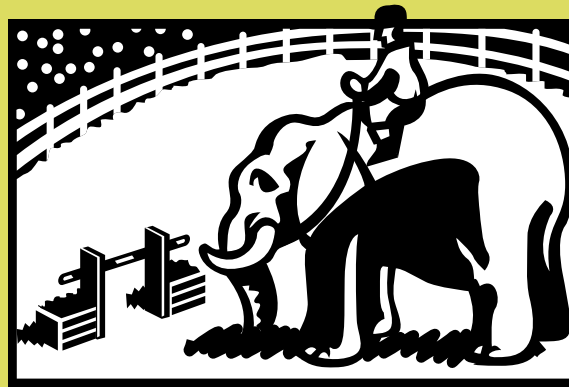


H-D WIRING
MADE ~~EASY~~
EASIER



jump boy, jump

THE DUMB WIRING BOOK

About This Book

This project started when I rebuilt a wrecked Shovel in the early '80's. The factory wiring schematic was helpful but hard to read and not real durable.

My solution was to lay out several sheets of tracing paper on the kitchen table, then sketch out an as-built drawing that was big enough to see and easy to understand. It worked fine then, but lacked portability.

Now those originals have been cleaned up, revised, and converted to Acrobat digital format — viewable on any platform, prints on any printer, easy enough for anyone to follow, and provides enough wiring basics for just about any project.

AMP Connectors

The toughest thing about wiring an AMP socket is pin spacing, especially with larger sockets. The pin numbering's next to invisible, soldering's difficult, and you've got to make sure the numbers match - 1 to 1, 2 to 2, etc. But once installed, these connections are a foolproof and tidy project.

Connections require two connectors; a male and a female socket. There's a big range of pin capacities, and there are



designs for use in bulkheads. (Note: these aren't push on-pull off friction fit, spade-type, or pin-lock, but full lock ring connectors designed to be

plugged and unplugged repeatedly.)

The pin tool is an absolute necessity for creating and repairing connections. Trying to remove pins without the tool is guaranteed to wreck both your day and your components. And remember the dielectric grease for coating finished connections.

Relay Testing

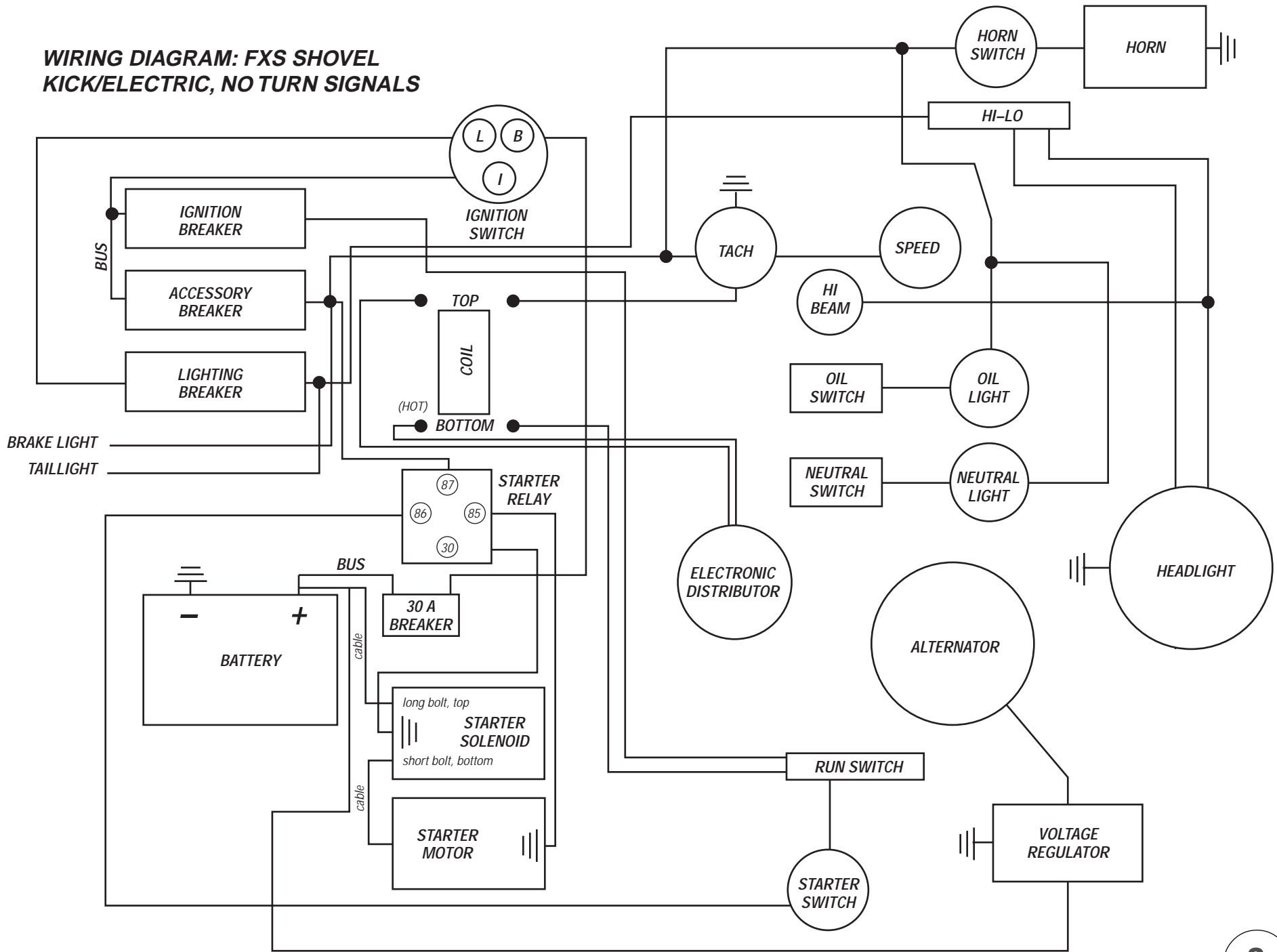
The relay testing schematic is useful for any number of applications, including your starter wiring. These seldom go bad. Most problems are simply the result of bad connections.

A handwritten signature in black ink, appearing to read 'John Siebenthaler'.

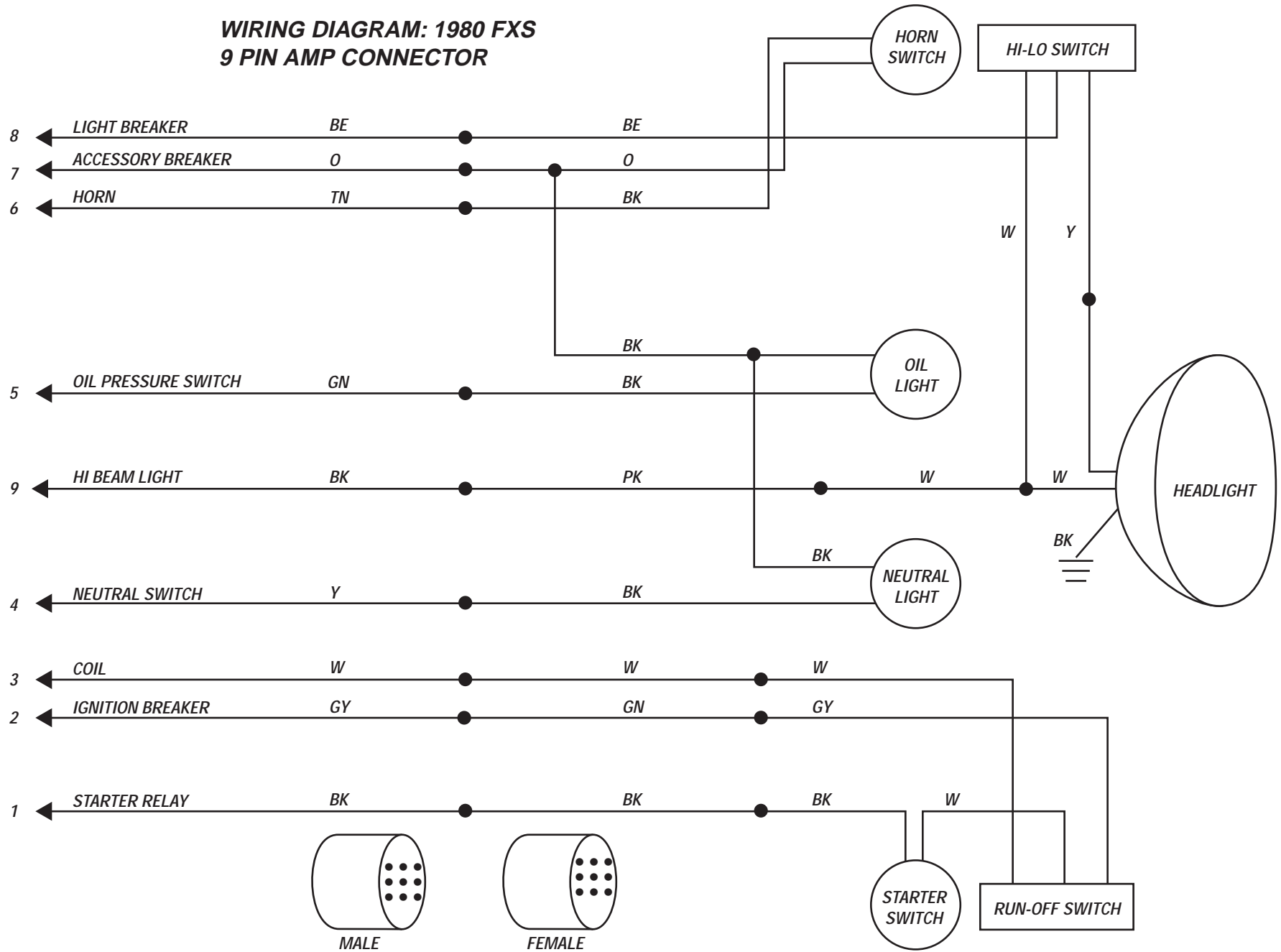
©John Siebenthaler 7/99

| | |
|--|------|
| Wiring Schematic For most electric start Big Twins | pg 3 |
| AMP Pin Connector Secure connections and easy access | pg 4 |
| Tach/Speedo Connections Fat Bob FX Shovel, early Evo | pg 5 |
| Testing Square Relays Makes it easy to test before replacing | pg 6 |

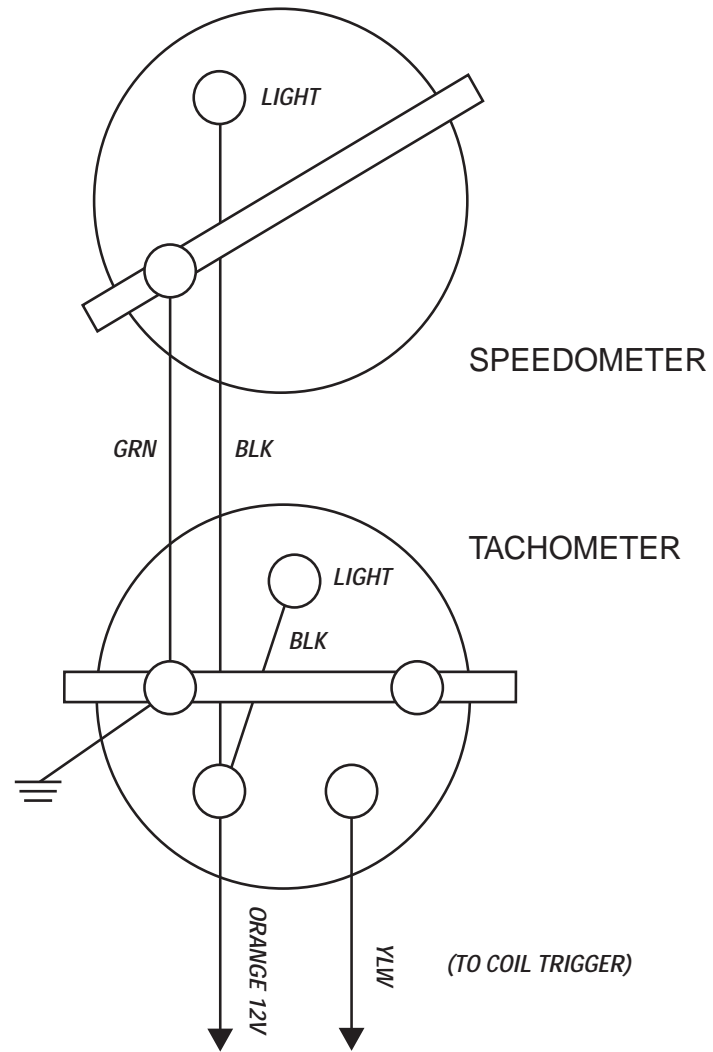
**WIRING DIAGRAM: FXS SHOVEL
KICK/ELECTRIC, NO TURN SIGNALS**



**WIRING DIAGRAM: 1980 FXS
9 PIN AMP CONNECTOR**



**WIRING DIAGRAM: 1980 FXS
TACHOMETER/SPEEDOMETER
(3.5 GALLON FAT BOBS)**



STARTER RELAY INSTALL

*1 FX to ACC/IGN BREAKER

*2 FL to BATTERY

