AMF | HARLEY-DAVIDSON **SERVICE BULLETIN**

No. 659 March 6, 1974

FUSE WIRE / 1973-74 FL, FLH, FX, FXE, XL AND XLCH

A 2 inch long 20 gauge wire is located in the wiring circuit of the FL, FLH, FX, FXE, XL and XLCH models to act as a fuse and protect the wiring. Because the motorcycle wiring is heavier gauge, this fuse wire will burn out first in case of a short or overload and open the circuit.

When troubleshooting the electrical system for loss of power, this wire should be checked for burnout at the following locations for the applicable model as follows: (Also, see wiring diagrams.)

FL/FLH (Fig. 1)	Fuse wire is connected to starter relay terminal No. 1 and to connector in conduit leading to battery positive terminal.
FXE (Fig. 2)	Fuse wire is connected to starter solenoid (long) terminal and to connector in conduit leading to starter relay tan wire terminal.
FX (Fig. 2)	Fuse wire is connected to battery positive terminal and to tan wire connector in conduit. This tan wire terminates at ignition switch "B" terminal.
XL (Fig. 3)	Fuse wire is connected to regulator "BAT" terminal and to red wire connector in conduit leading to starter solenoid (long) terminal.
XLCH (Fig. 4)	Fuse wire is connected to battery "+" terminal and to red wire connector in conduit leading to regulator "B+" terminal.

IMPORTANT:

The fuse wire protects wiring between battery and Lighting, Ignition and Accessory circuit breakers. Before replacing fuse wire, check for short circuits in wiring or ignition switch to determine cause of burnout. A replacement 20 gauge fuse wire is available under part No. 70105-73, or use any 20 gauge braided copper wire as a substitute.

DO NOT USE HEAVIER GAUGE WIRE!

AMF HARLEY-DAVIDSON MOTOR CO., INC.

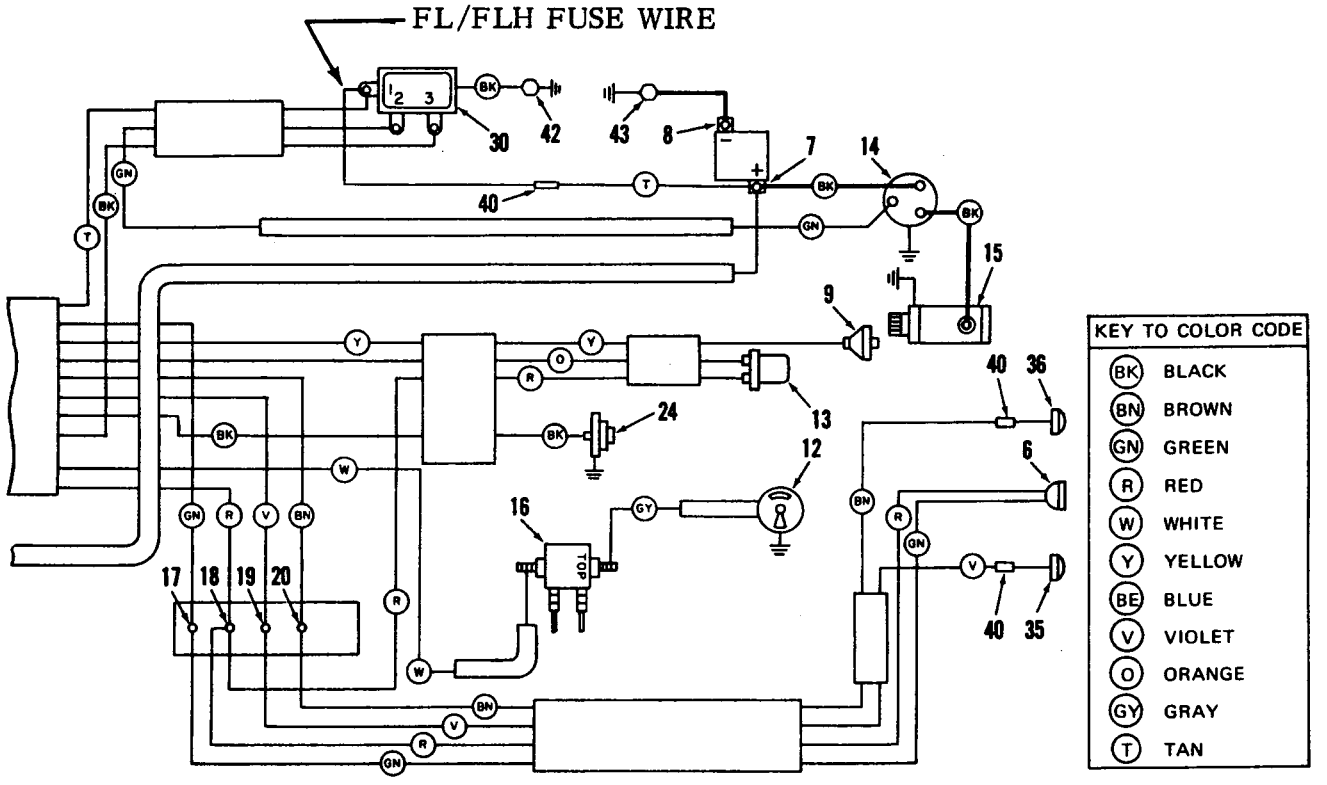

FIGURE 1. FL/FLH WIRING DIAGRAM

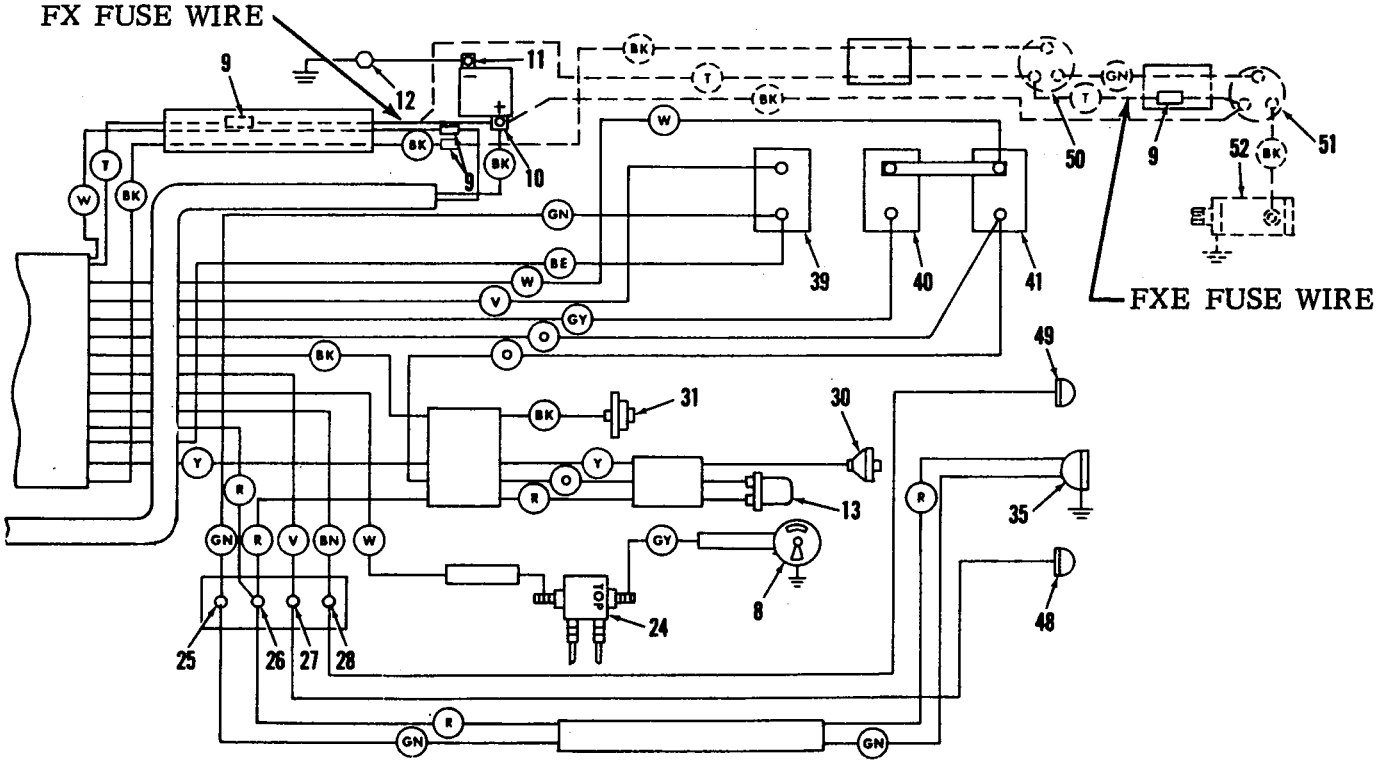

FIGURE 2. FX/FXE WIRING DIAGRAM

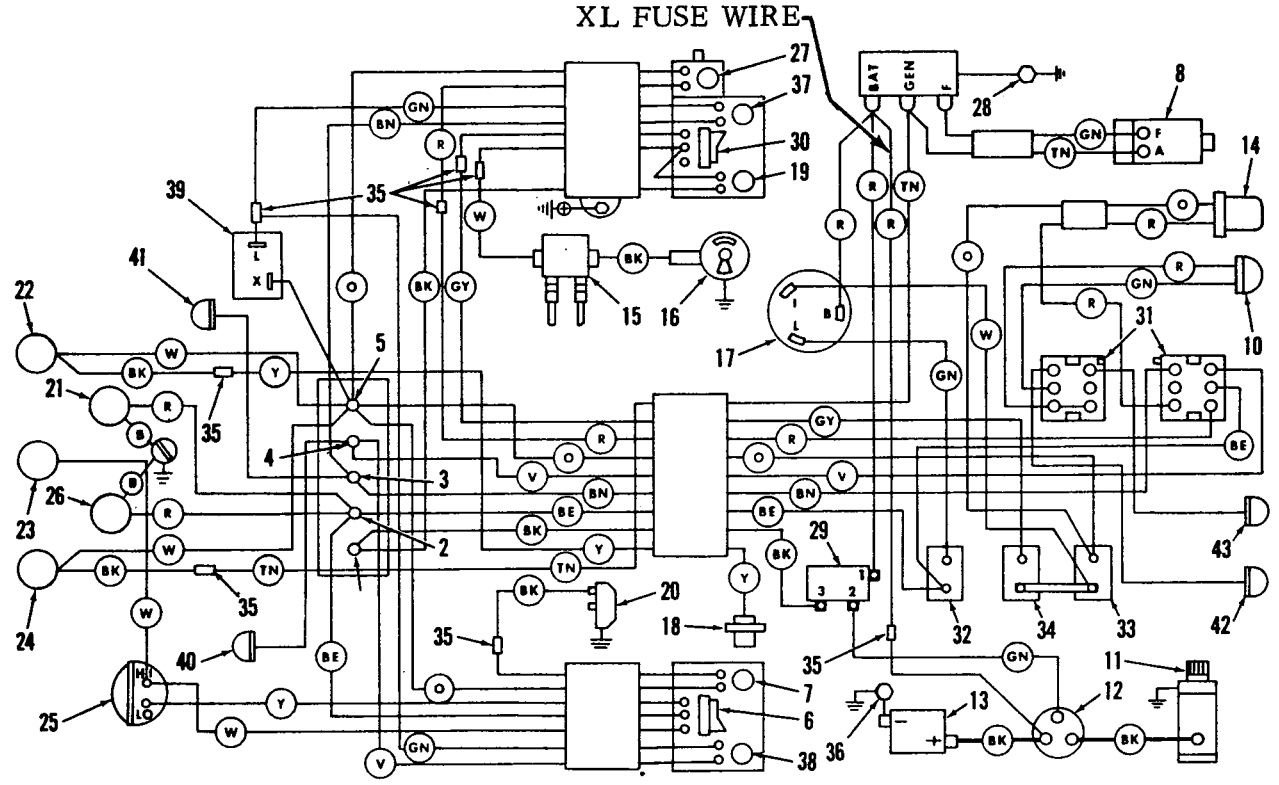

FIGURE 3. WIRING DIAGRAM, MODEL XL

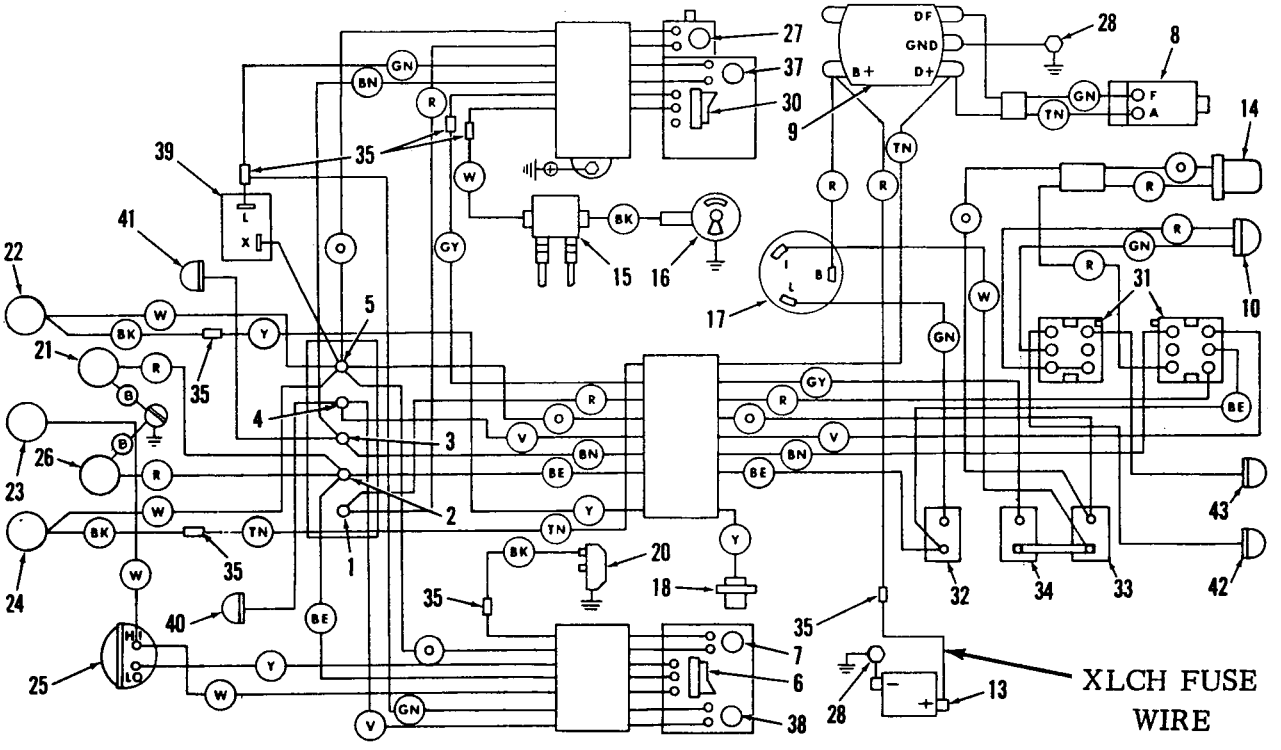

FIGURE 4. WIRING DIAGRAM, MODEL XLCH