

Aztec Track Master™ Life-Like® Alco C424

Track Master™ FRAME TM3027

Tools needed to do the job:

Small Phillips screwdriver / Soldering iron / X-Acto® knife /
Ruler / Wire strippers / Safety glasses

- First test the decoder. Use a test kit and follow the instruction manual that comes with the decoder.
- Once you have confirmed that the decoder is operating properly, cut each of the wires coming from the decoder to the lengths given in the following table:

Black	2½"	Yellow	1⅛"	Orange	1⅛"	Blue	2½"
Red	2½"	White	2½"	Gray	1⅞"		

NOTE: For decoders with a transponder use BLUE wire and cut same length as the WHITE one. Solder to opposite side of light and isolate from frame with a cut in the trace on both boards

- Now strip ⅛" insulation from the end of each wire.
- Completely disassemble the locomotive.
- Remove motor from the motor saddle. Make sure to mark motor so you know which is the top.
- Pry the brush holders up from the motor housing being careful not to lose springs or brushes. Remove the contact strips and set aside.
- Solder ORANGE and GRAY wires to the brush holders.
- Lay the light boards out in front of you, parts side up as shown in Fig. 1. With a sharp hobby knife make 2 cuts in the circuit trace as shown (Fig. 1). Solder the BLACK, RED, BLUE and WHITE wires to front board as shown (Fig. 2). Solder YELLOW wire and a jumper (not supplied) to rear light board as shown in Fig. 3.
- Replace the brushes, spring and holders (ORANGE to the top) into motor.
- Replace motor into motor saddle.

■ Your decoder and motor are now ready to be installed into the Track Master frame. With the right mainframe laid out in front of you (front to your left) install the motor with the GRAY wire on the bottom. Guide the GRAY wire around the the motor as per Fig. 4. Inspect brush holders and wires to be sure they are not touching anything.

- Try turning the flywheels. The motor and flywheels should spin freely.
- Install front and rear worm assemblies. Install the front and rear insulating bushings. Again check the motor and flywheels for free movement. Place left mainframe on top of the right mainframe.
- Install front and rear nuts and screws but do not tighten. Install the truck assemblies. Now tighten screws.
- Install the right and left contact strips and fuel tank.
- Install the body with care as it may be a snug fit.
- Test the locomotive as directed in the decoder manual.

NOTE: If locomotive runs in the wrong direction, the motor may be in upside down. Remove brush holders and turn motor over. Replace brush holders and test again.

NOTE: Keep in mind that whenever modifying your locomotive you void the factory warranty.

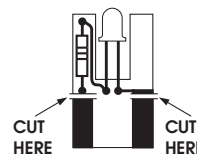


Fig. 1

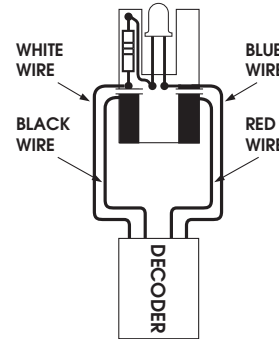


Fig. 2

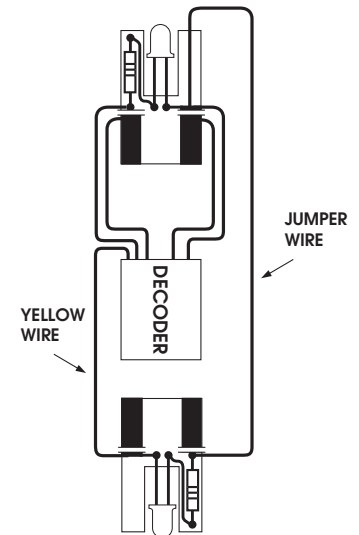


Fig. 3

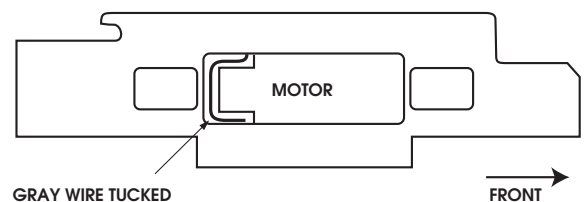


Fig. 4



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