

Aztec Track Master™ Life-Like® GP60

Track Master™ FRAME TM3031

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	2 1/8"	Yellow	1 1/8"	Orange	1 1/8"	Blue	2 1/8"
Red	2 1/8"	White	2 1/8"	Gray	1 3/4"		

- Now strip 1/16" insulation from the end of each wire.
- Completely disassemble the locomotive.
- Remove and 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 contact strips and discard.
- File a small groove down right side of motor for GRAY wire.
- Solder ORANGE and GRAY wires to the brush holders.
- Remove LED from front board and replace on opposite side.
- File notch in rear board to clear wires (Fig. 2).
- Lay the light boards out in front of you, parts side up. With a sharp hobby knife make 2 cuts in the circuit trace as shown in Fig. 1 & 2. Solder the BLACK, RED, BLUE and WHITE wires to front board as shown (Fig. 3).
- Solder YELLOW wire to rear board (Fig. 4).
- Solder a jumper wire (not supplied) from cathode side of LED on front light board to cathode side of LED on rear light board as shown in Fig. 4.
- Replace brushes, spring and holders in motor (ORANGE to top).

- 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 GRAY wire down. Fit GRAY wire in the groove cut in motor (Fig 5). Make sure light boards are installed with resistor side up. Be sure brush holders are not touching frame.

- Turn the flywheels to make sure the motor spins freely.
- Install front and rear worm assemblies. Install the front and rear insulating bushings.
- 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.

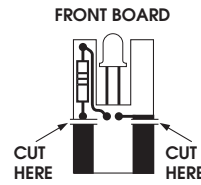


Fig. 1

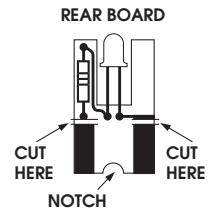


Fig. 2

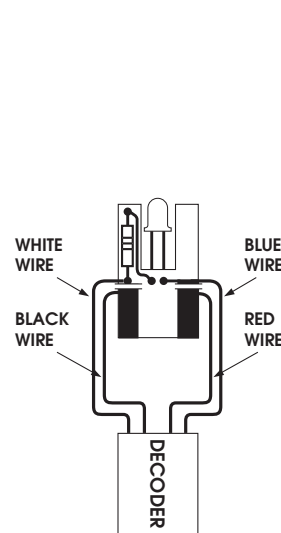


Fig. 3

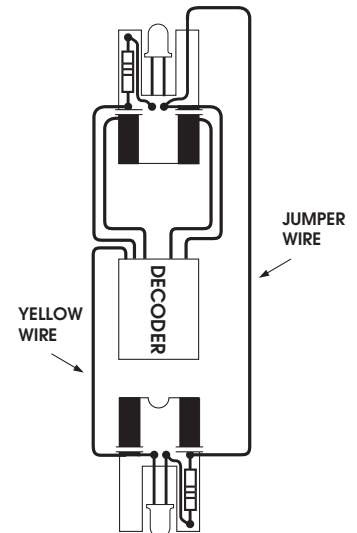


Fig. 4

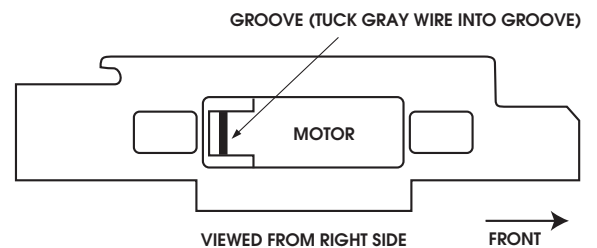


Fig. 5



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