

Instructions for Bachmann Northern mechanism Kits with Long Tender and Tank Tender. Our Kit #3-203 and #3-206

These instructions provide exploded view drawings, diagrams, step-by-step instructions

If for reasons beyond our control, any shortage or faulty part is found, write directly to the factory

including name of your dealer and date of purchase. Return any defective parts for exchange.

The builder should study the instructions and drawings to attain a working knowledge of proper procedure. Assembly should be in sequence outlined in this manual to assure proper construction.

We have included some extra parts in case you misplace or drop them on the floor. $\underline{\text{DO NOT RUN THE MECHANISM OR ENGINE UPSIDE DOWN.}}$

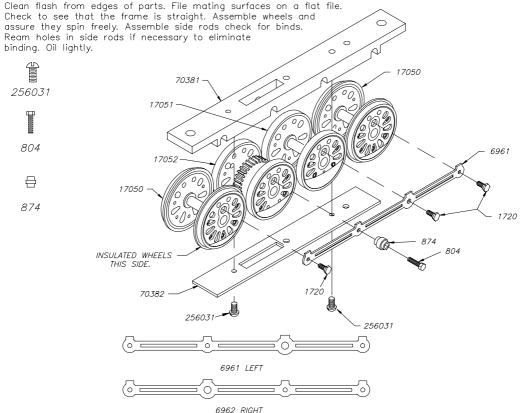
This is a builders kit, you will need a few tools. You will find use for the following: small hammer, several small files, jewelers screwdriver (a set is convenient), a 6" flat file with a fairly fine cut, knife, pliers, flush cut pliers and tweezers.

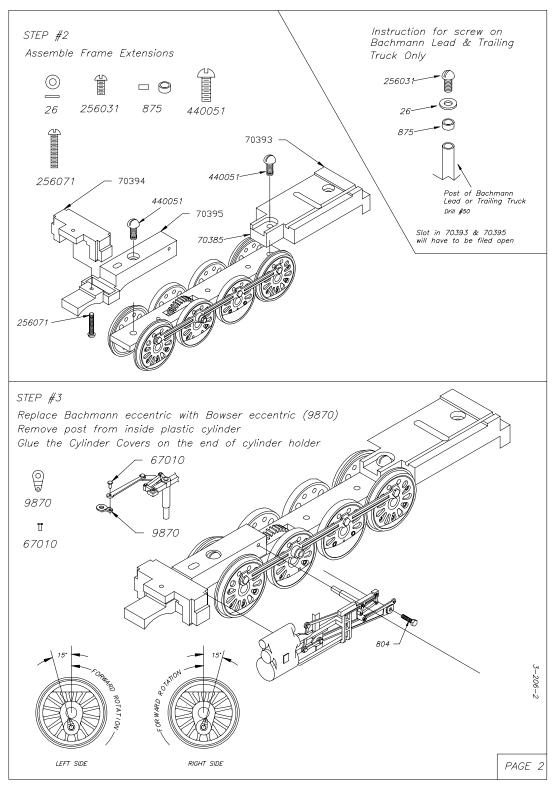
BEFORE PAINTING YOUR MODEL OR DETAILING THE BOILER, WE RECOMMEND THAT YOU BUILD THE COMPLETE MECHANISM, ATTACH THE UNDECORATED BODY AND THOROUGHLY TRACK TEST IT.

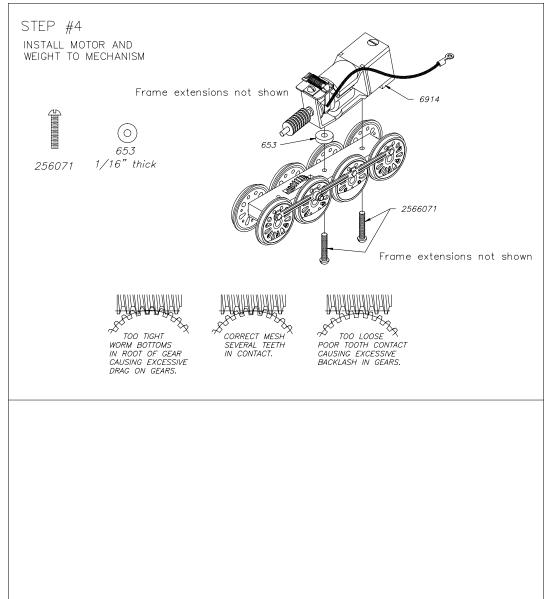
Disassemble Bachmann engine. Remove valve gear carefully. Save all parts.

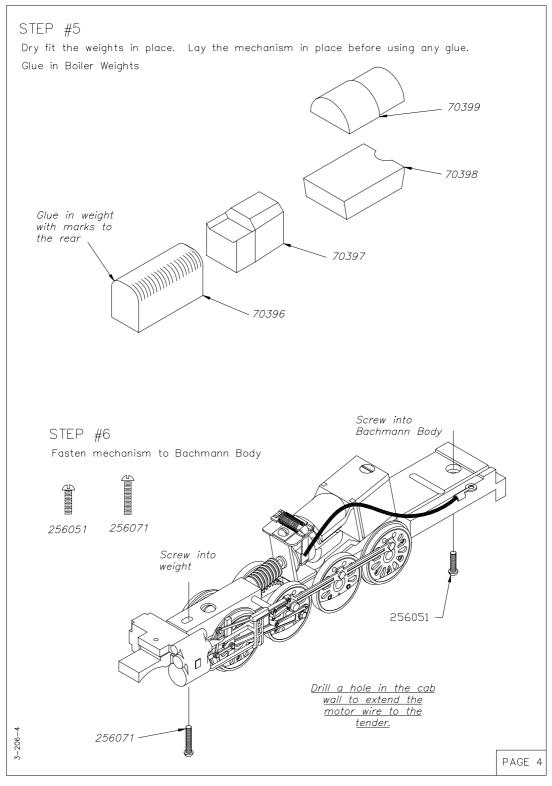
We will use the body, cylinder, trailing truck, lead truck, main rod crosshead and valve aear assemblies, tender body, tender floor and trucks. We will not use the underfrrame, motor, drivers or side rods.

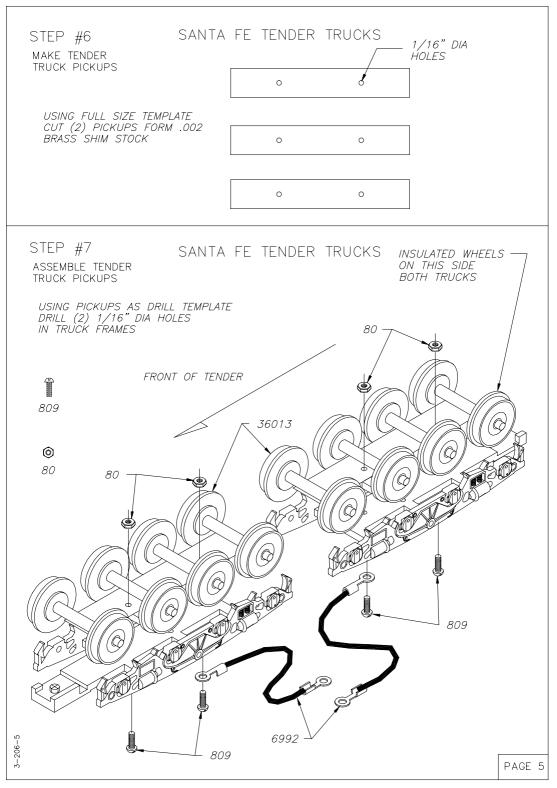












STEP #8

SANTA FE TENDER

ASSEMBLE TRUCKS, WEIGHTS AND HOOK UP WIRES

ASSEMBLE TRUCKS TO FLOOR. GLUE WEIGHTS IN PLACE. ASSEMBLE BODY TO FLOOR. USING ORIGINAL SCREWS.

Remove the Bachmann Weight

