INSTRUCTIONS FOR BOWSER #100450 PRR M-1a KIT

These instructions provide photographs of completed model, exploded view drawings, diagrams, step-by-step instructions and an itemized parts list. If for reasons beyond our control, any shortage or faulty part is found, with directly to the manufacturer, 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 work should be in sequence outlined in this manual to assure proper construction.

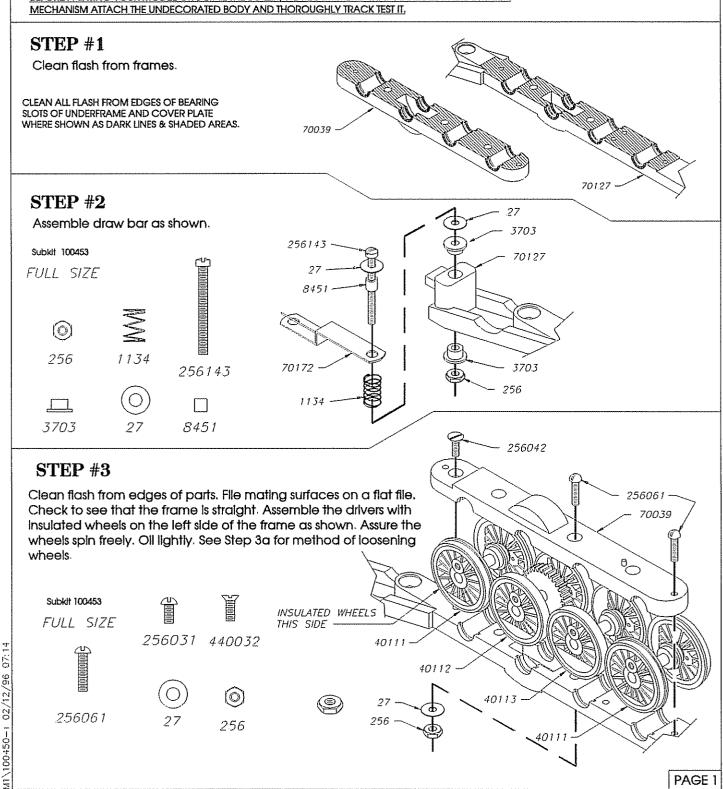
We have included some extra parts in case you misplace or drop them on the floor.

DO NOT RUN THE MECHANISM OR ENGINE UPSIDE DOWN.

TOOLS

This is a builders kit, you will need a few tools. You will find use for the following: small hammer, several assorted pattern files, jewelers screwdifver (a set is convenient), a 6° flat file with a fairly fine cut, knife, pilers, flush cut nippers like Mascot #413 and tweezers.

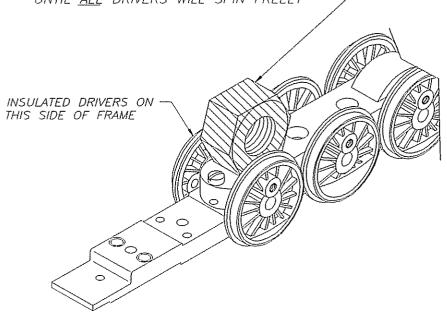
BEFORE PAINTING YOUR MODEL OR DETAIL THE BOILER, WE RECOMMEND THAT YOU BUILD THE COMPLETE



STEP #3a

Assemble draw bar as shown.

TO SEAT BEARINGS, SUPPORT FRAME ON FINGERS NOT A SOLID BLOCK PLACE A 5/16 NUT OVER BEARINGS AND STRIKE A SHARP BLOW USING A TACK HAMMER OR OTHER LIGHT HAMMER REPEAT OVER EACH AXLE UNTIL EACH DRIVER SPINS FREELY. DO NOT PROCEED ANY FURTHER UNTIL ALL DRIVERS WILL SPIN FREELY .



STEP #4

Assemble side rods to drivers. Assure wheels spin freely. If binding occures ream holes in side rods until eliminated. Oil lightly.

WHEELS MUST SPIN ABSOLUTELY FREE. Subkit 100453



FULL SIZE

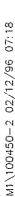
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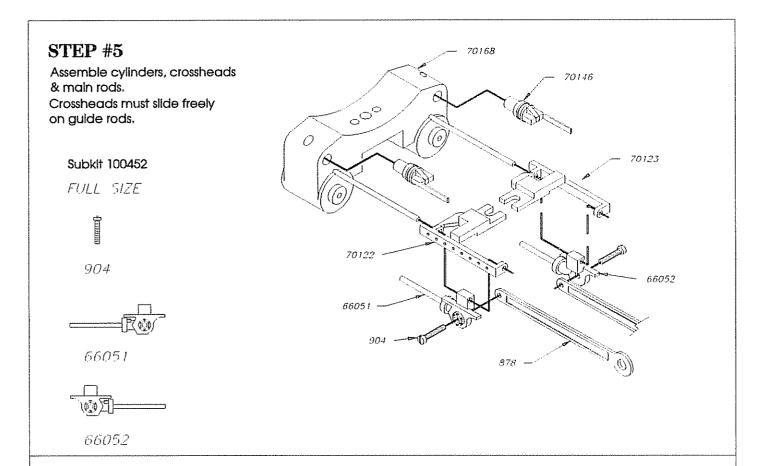


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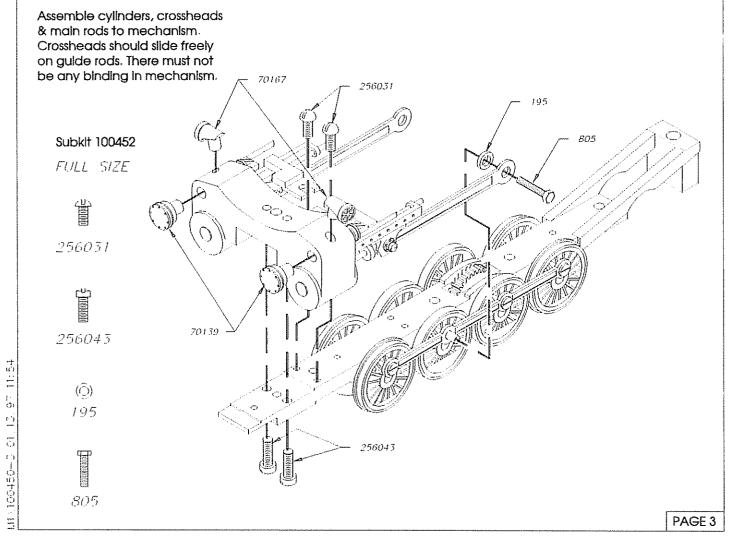
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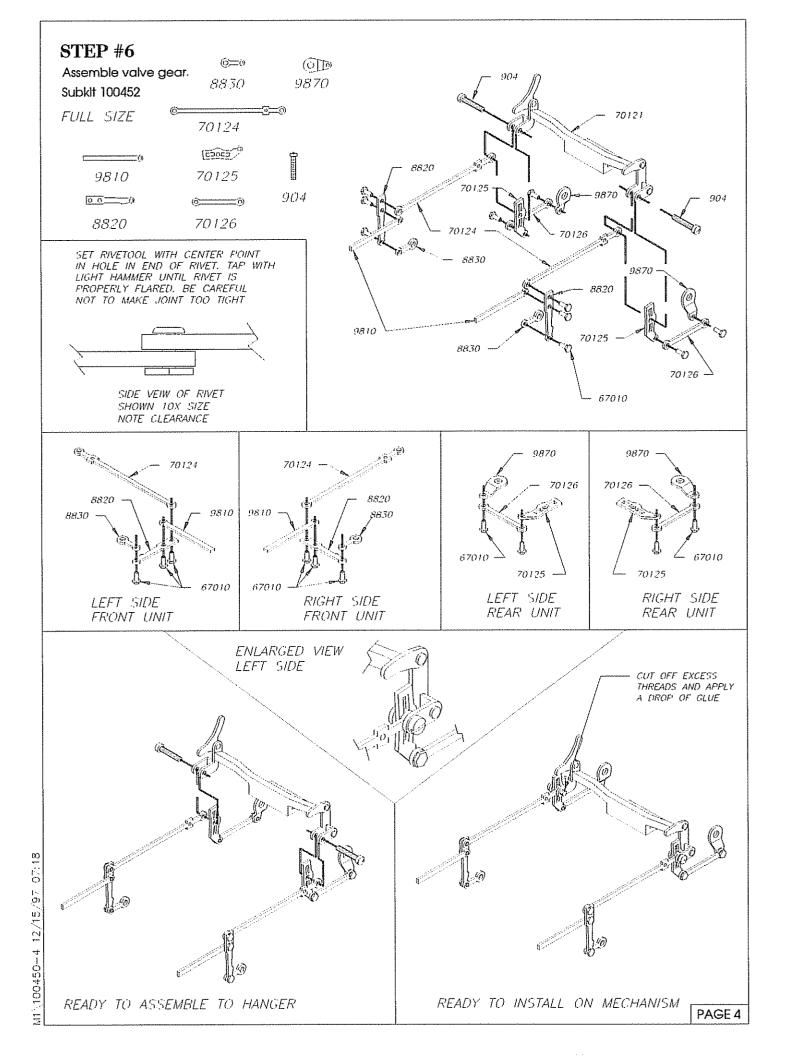
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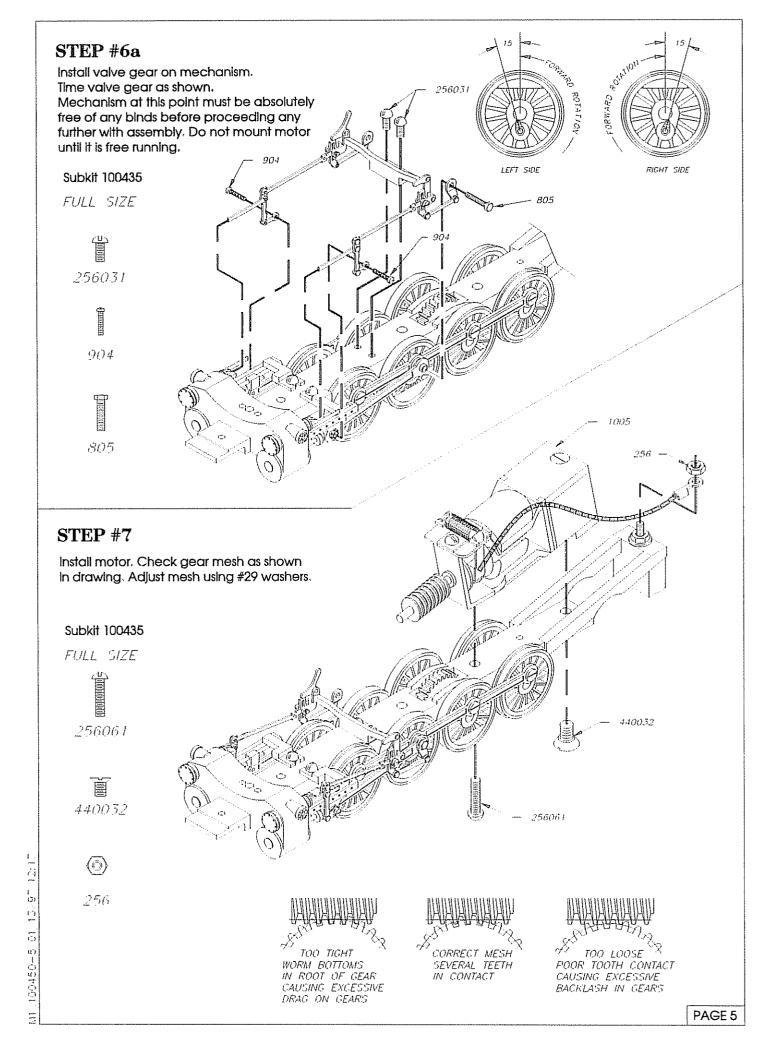
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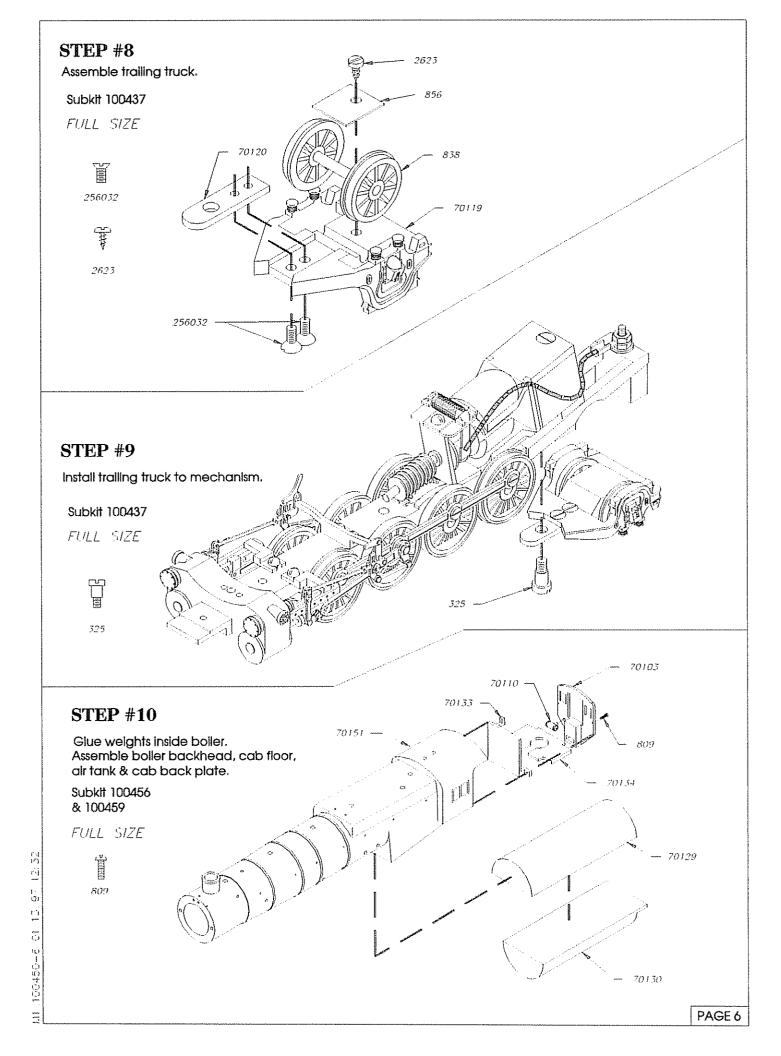


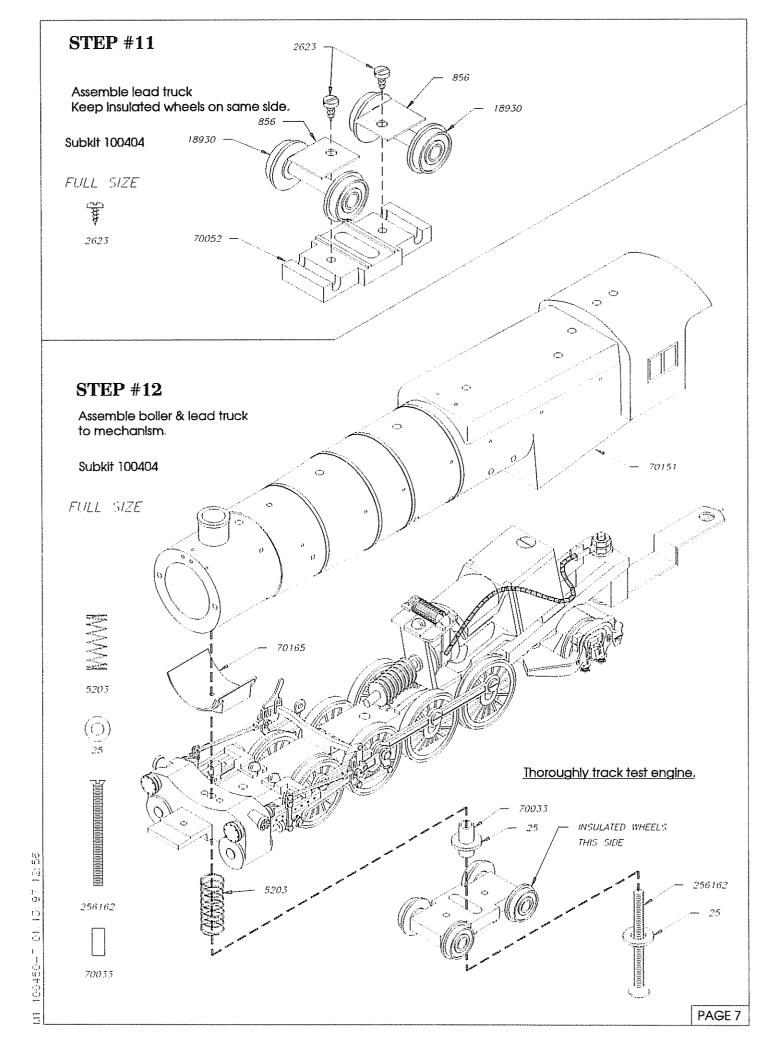
STEP #5a

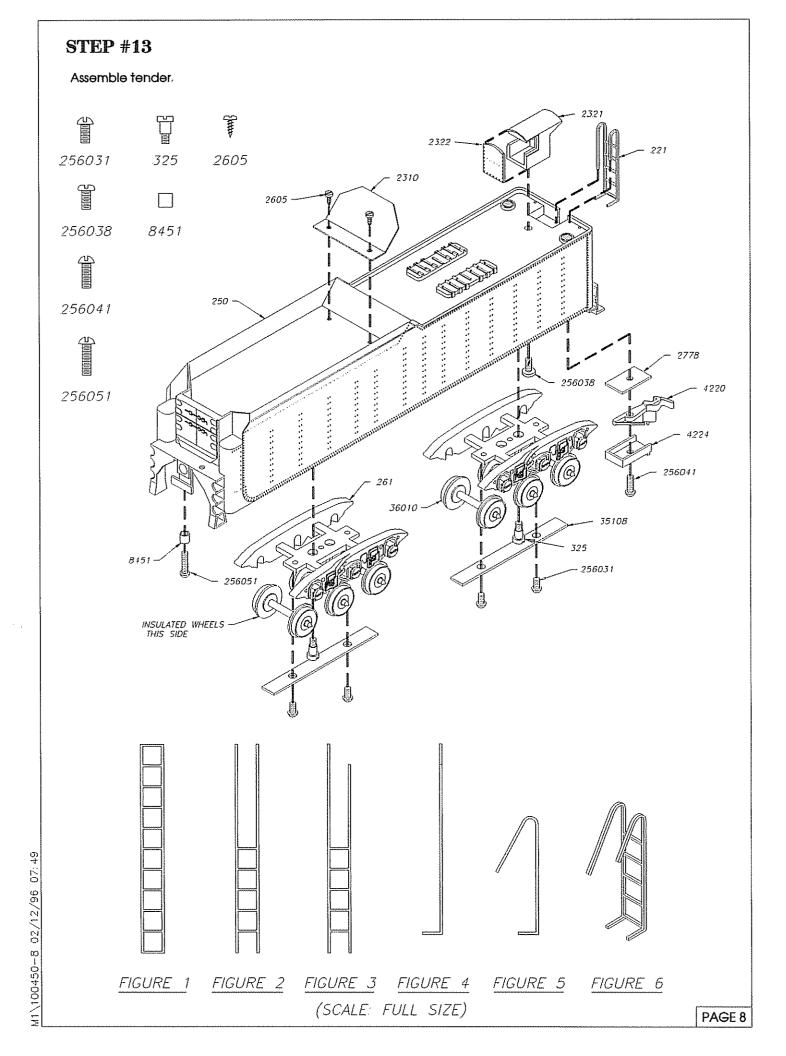


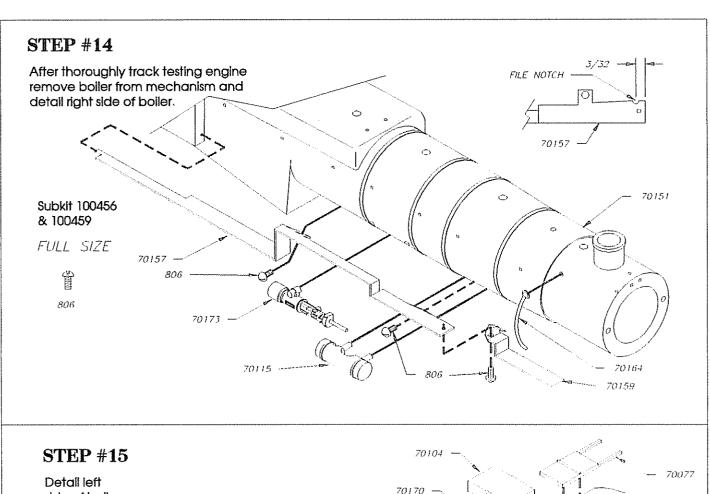


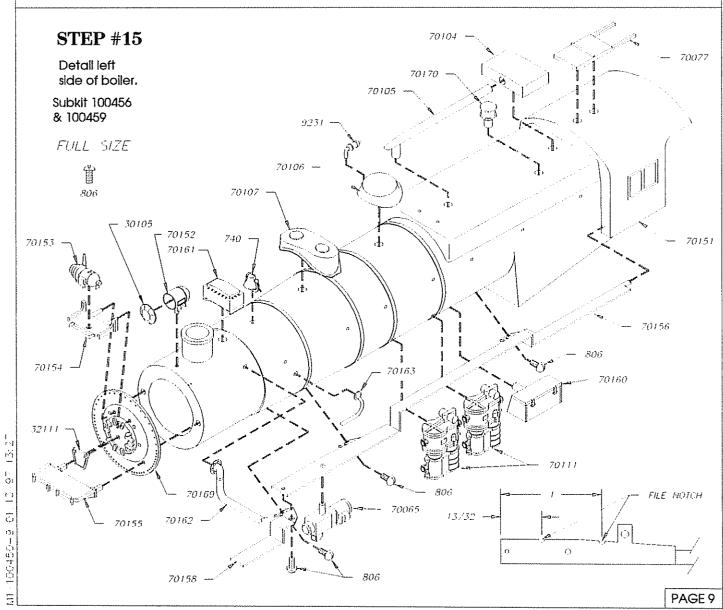






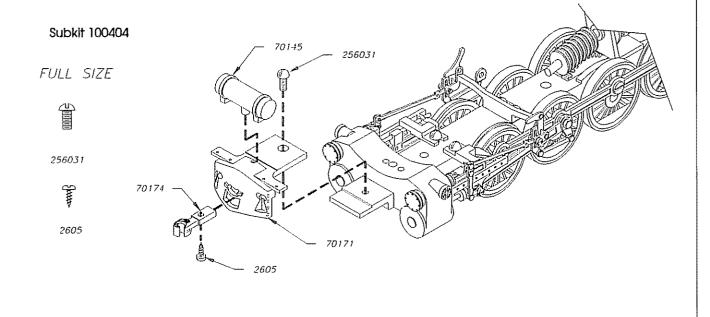






STEP #17

Assemble pilot & air tank to mechanism.



STEP #18

Disassemble mechanism. Clean, paint, reassemble and ENJOY.