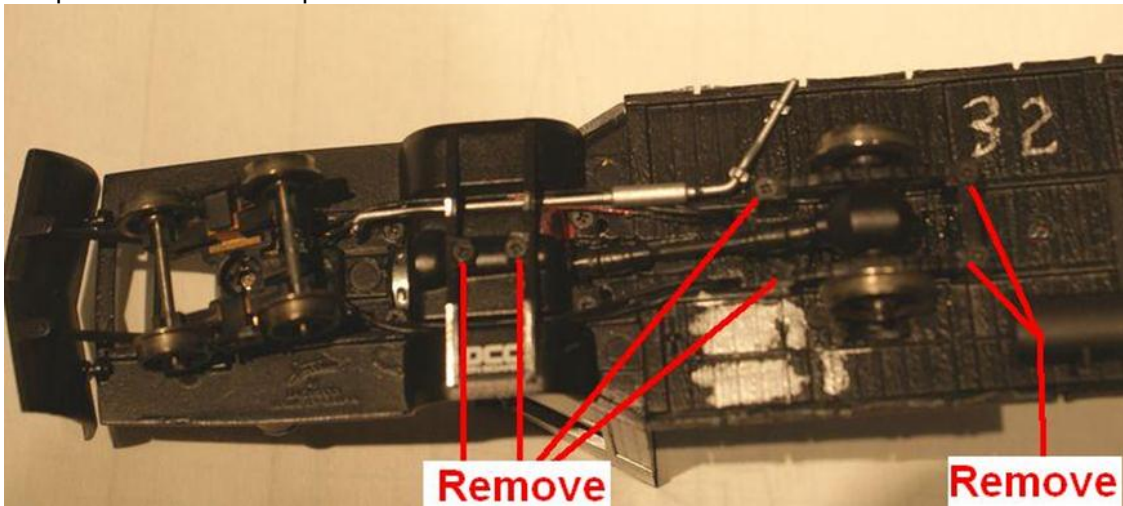


## Instructions to Repair Bachmann Rail Truck Gears

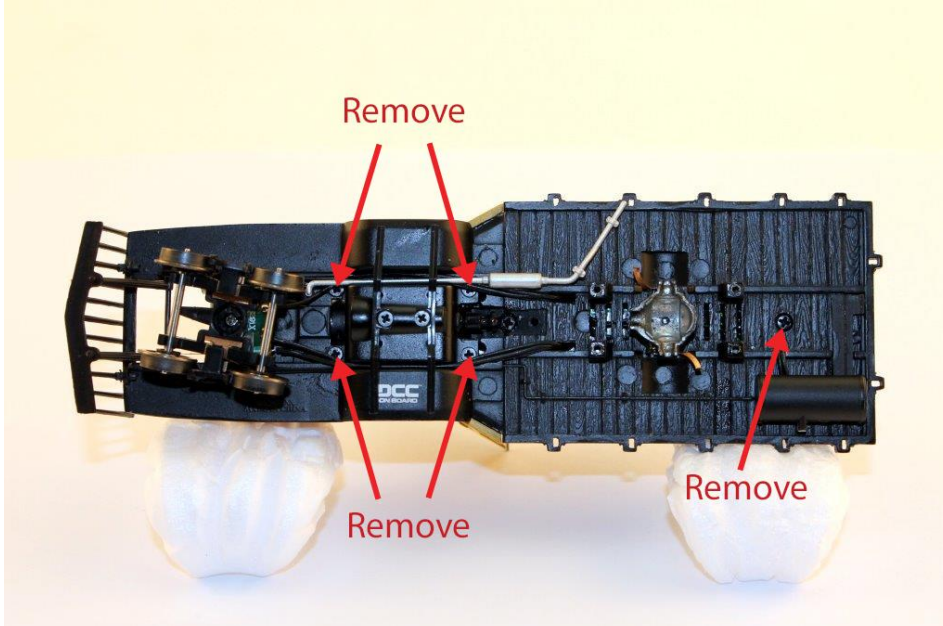
Below are the parts you will receive. Note that the replacement gears are white.



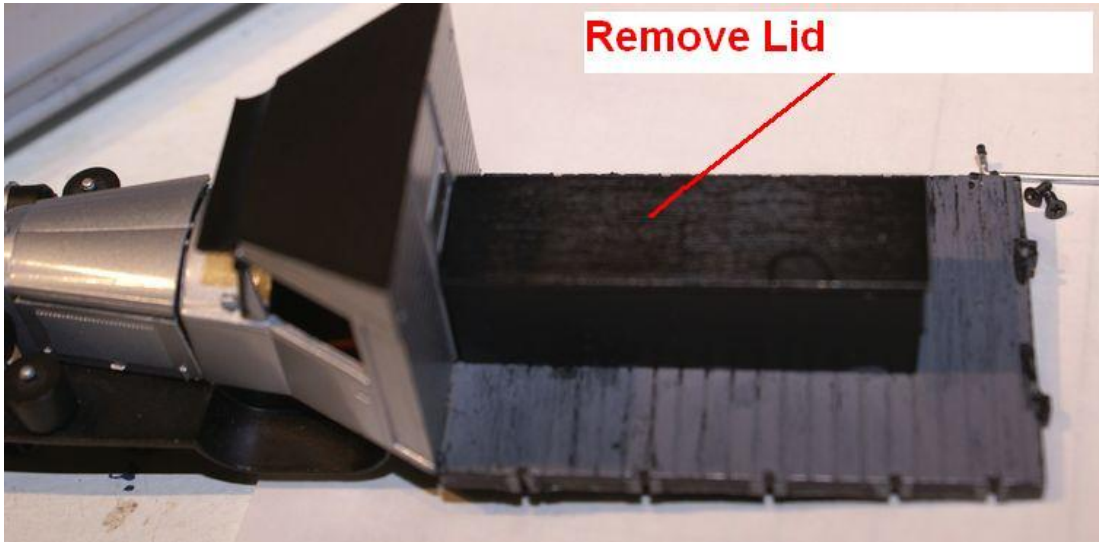
Remove the wood sides by pulling straight up and away. Turn the Rail Truck over and remove the six screws indicated and place them in a safe place.



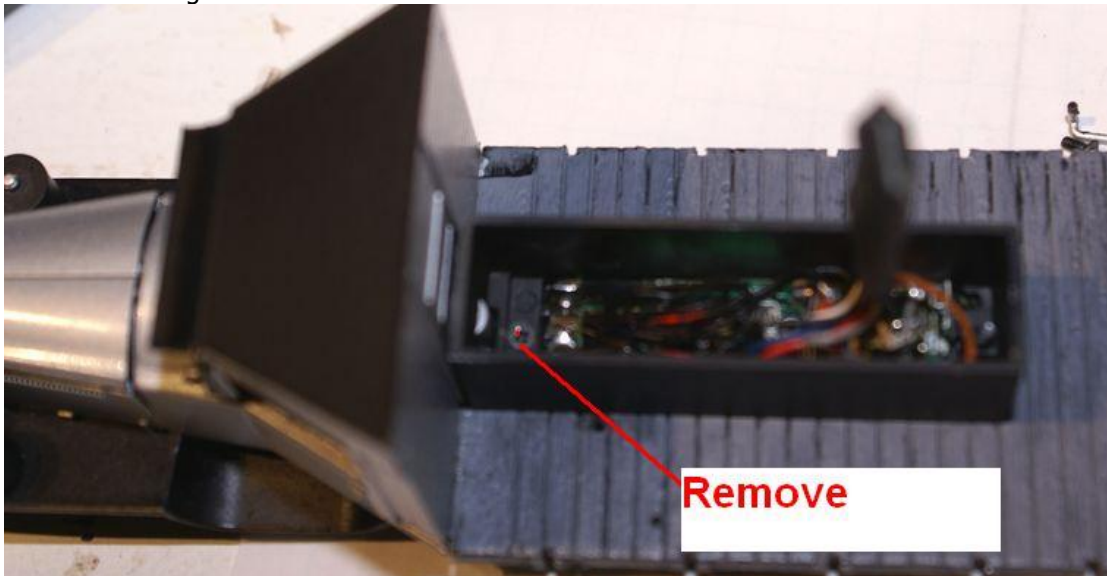
Remove the drive train (shown removed below). Then remove the four short screws and the longer back screw.



Turn the Truck over and lift off the lid of the toolbox.



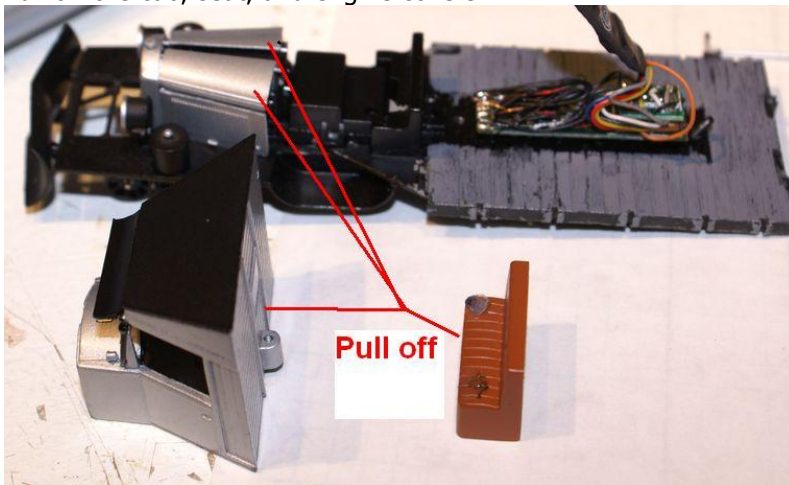
Remove the single screw inside the toolbox to release the cab. Be careful not to touch the wires for the decoder.



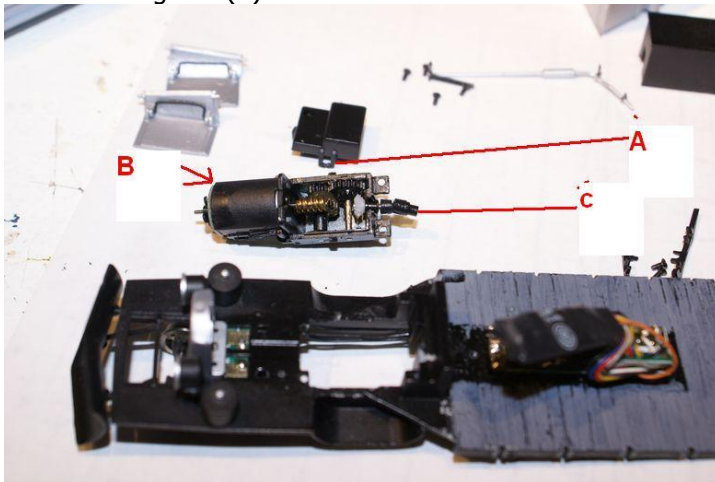
Turn the Truck back over and remove this last screw to release the lock on the back of the cab and remove the cab.



Pull off the cab, seat, and engine covers.

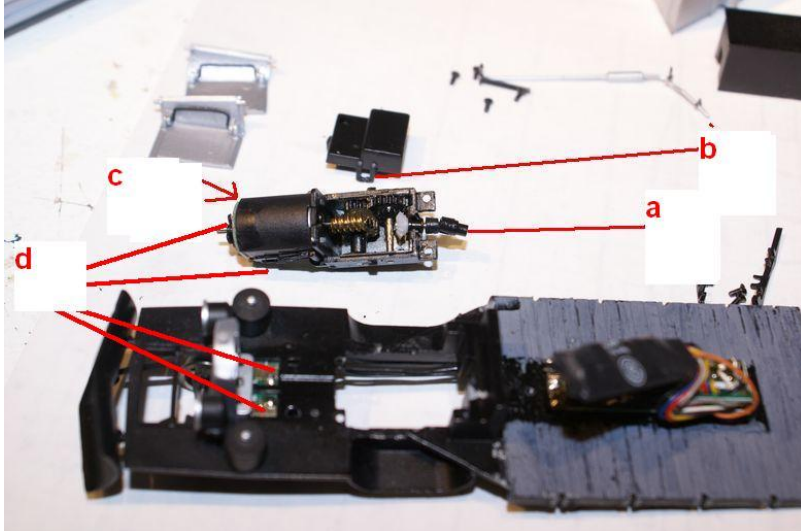


Gently release the tabs covering the motor on each side (A). Pull the motor up out of the Truck from the front (B). Remove the gears (C).



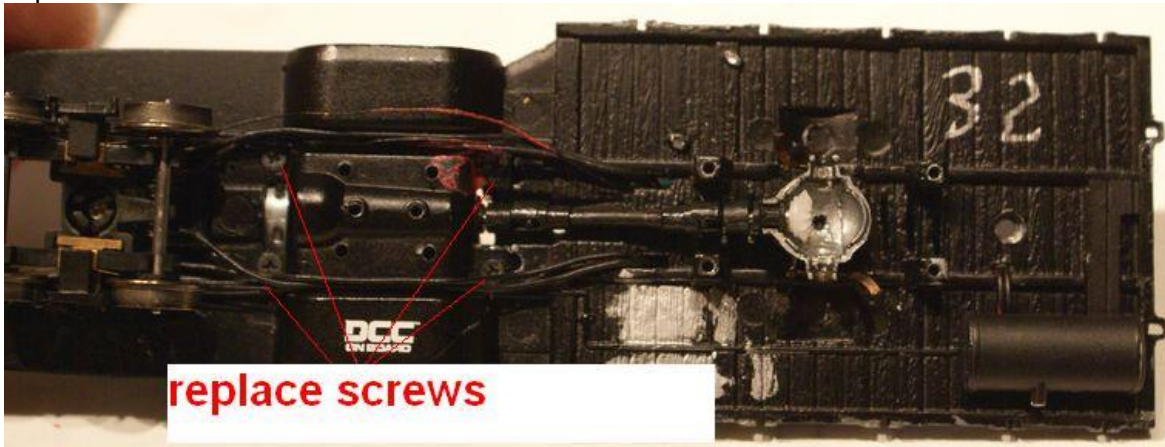
To start rebuilding:

- Insert the end section of the drive line in the motor and make sure the new gears mesh. If necessary, remove pins and replace main gears again.
- Replace the motor cover and made sure the clips go all the way over the gears.
- Slide the motor back through the frame on an angle with the front elevated.
- When you push down on the front of the motor to secure it, it is important to make sure you have contact between the brass tabs on the motor and the powered pick-ups on the circuit board.

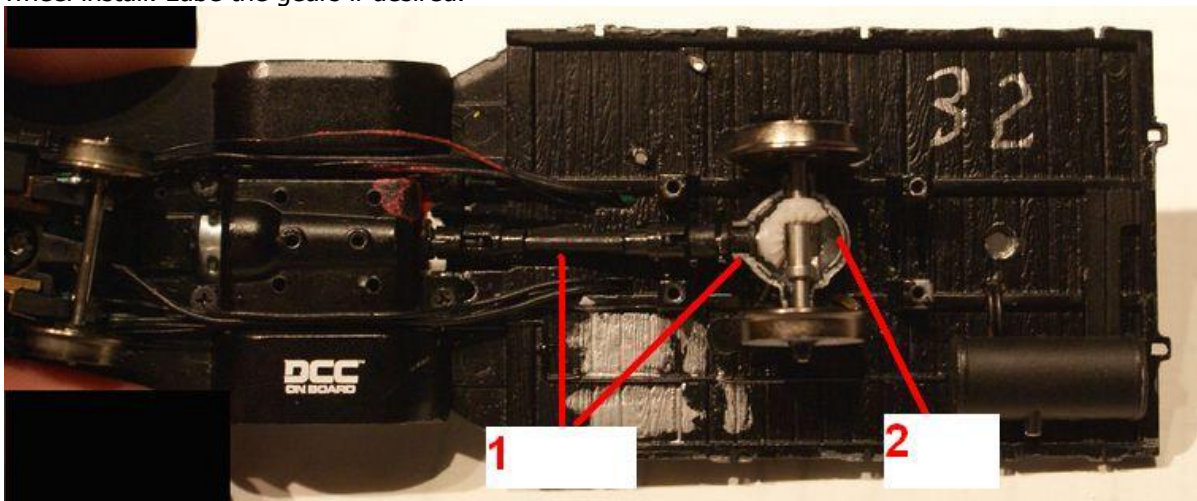


Do not replace cab at this point if you want to test the drive line.

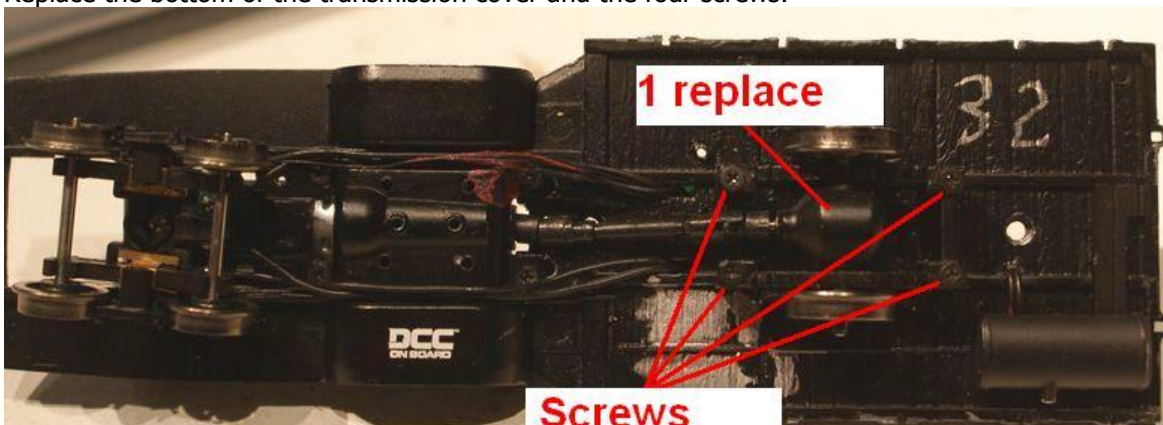
Replace these four screws.



Assemble the rest of the drive line and connect to the motor drive line part. Drop the drive line in the rear transmission housing. Squeeze the two wheel pickups in slightly and insert the new wheel included in the package. Make sure you have contact between the wheel and the pick-up. If not, pull the wheel out and bend the contacts out slightly and repeat wheel install. Lube the gears if desired.



Replace the bottom of the transmission cover and the four screws.

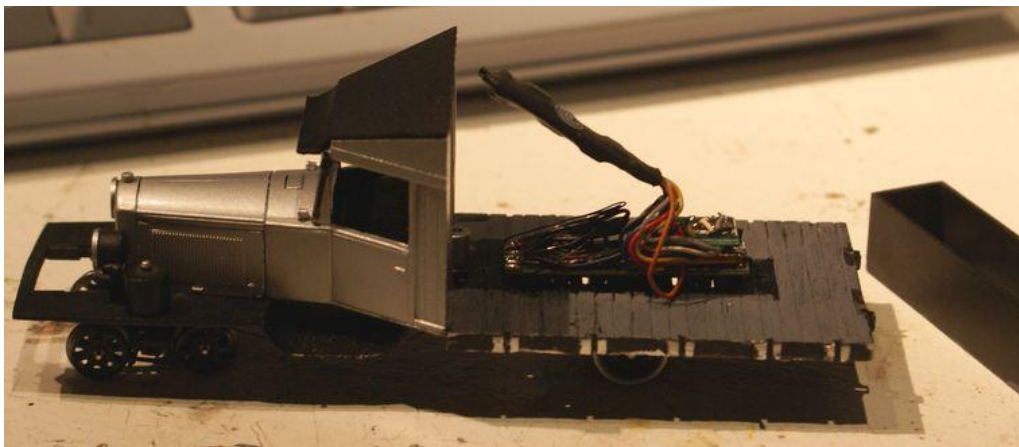


If you desire, you can test with the cab still removed.

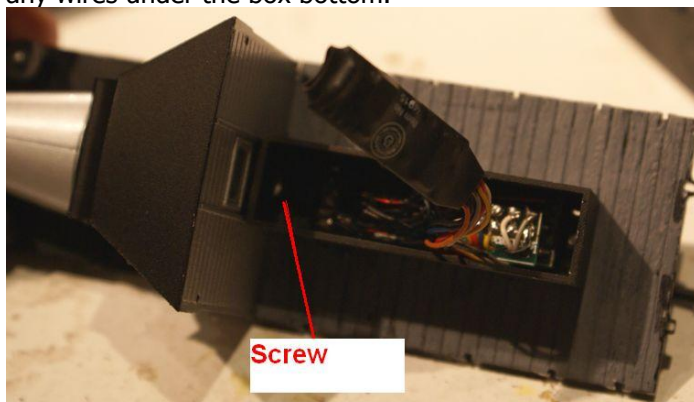


Once you are comfortable that everything is running smoothly:

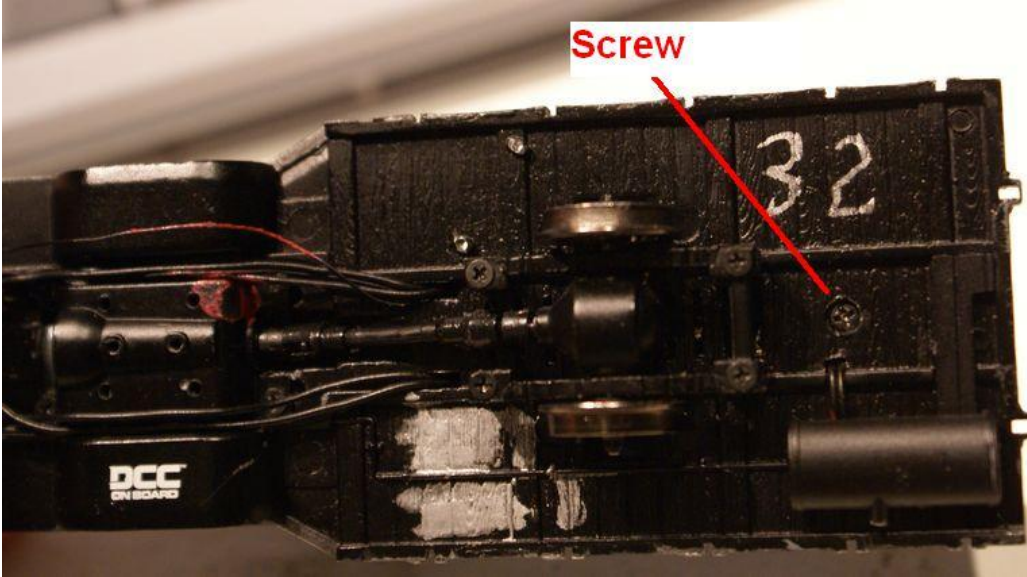
- Remove the four screws holding the gear cover and remove the drive line.
- Replace the seat.
- Drop the cab on the frame and slowly slide forward.
- Replace the engine hood covers. There are pins on each end that go into holes in the radiator and cab; you may have to slide the cab back slightly.
- Once all of the pins are in the holes, slide the cab forward as far as you can.
- Replace the screw from the bottom of the truck that holds the cab.
- Replace the drive line and rear wheel.
- Replace the gear cover and the four screws that hold it in place.



Replace the toolbox and screw it to the frame. This is the screw that is close to the cab. Be careful not to catch any wires under the box bottom.



Place the lid on the toolbox, turn the Truck over, and attach the toolbox with the long screw that was removed.



Attach the wire holders (a) with screws (b).

