13. Cut insulated wire in half, solder a length to each motor tag and then feed free end of wires down. Take one piece down through one of the holes provided in the chassis. Solder the end of the other wire to any convenient point on the chassis structure.

14. Produce pick-up mounting from PCB, cut to size. Drill 8BA clearance hole in centre to leave an insulation break on one side where the pick-up wires can be soldered. Fit these items to underside of chassis using an 8BA screw to secure, ensuring the insulated wire is not trapped, and the insulated PCB strip is by the insulated wheels.

15. Use spring wire to produce pick-up that bears on the back of the *insulated* wheels and solder to the strip of the PCB. Then solder the insulated wire to this PCB strip as well, thus completing the electrical route: wheels - pick-ups - PCB - insulated wire - motor.

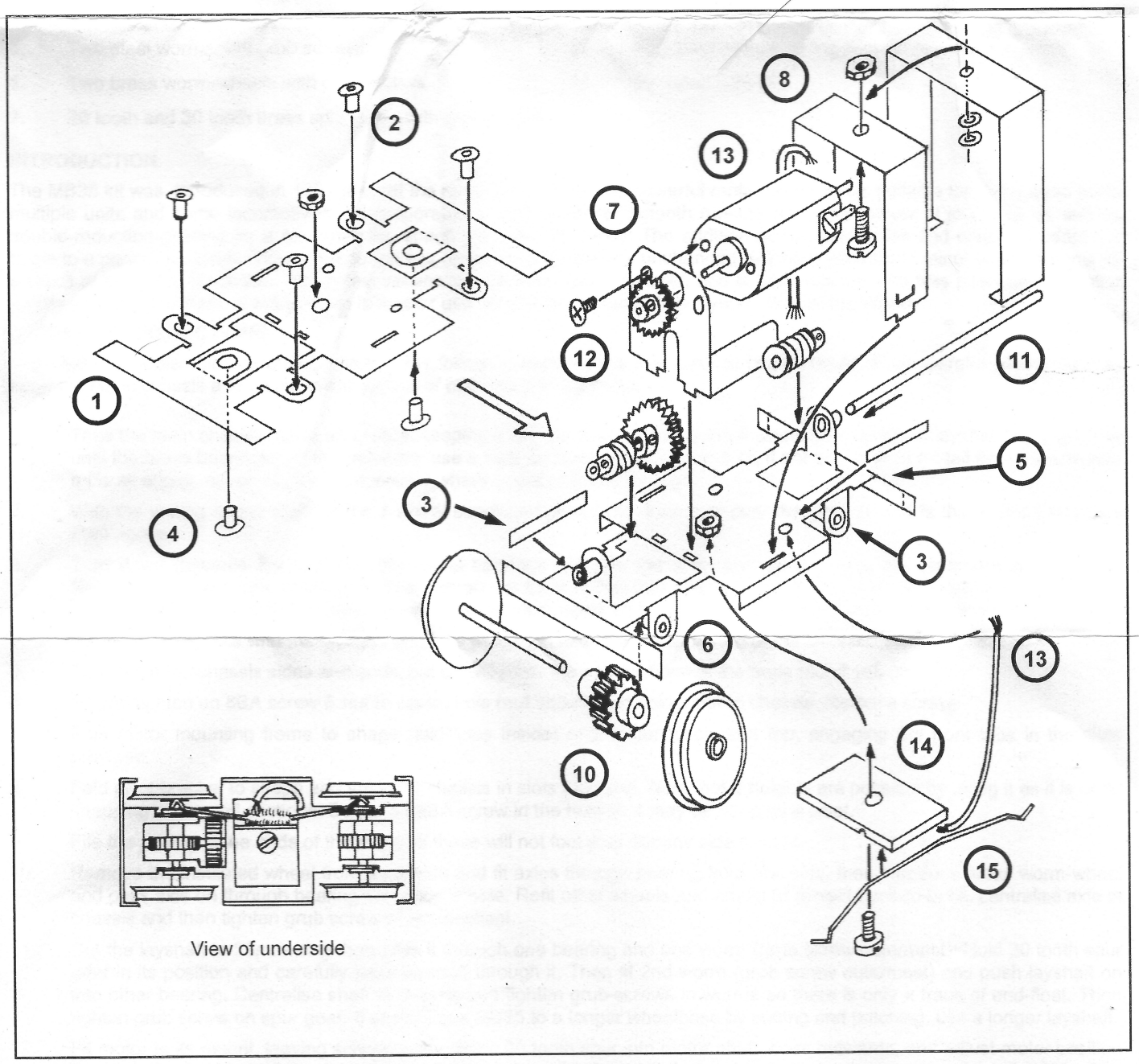
16. Now lubricate, track test and run in bogie. Note: it may be dismantled if necessary to free a tight bearing or whatever. When operation is satisfactory, fold end tabs back in line with sides and fit cosmetic sides and ends of your choice. A mounting bracket is provided that should suit most applications if packing is used under its legs or at the pivot.

FLYWHEELS AND MORE POWERFUL MOTORS

It is possible to fit one or two 12mm diam. x 2mm bore flywheels to an MB35. To fit a longer and more powerful motor it is necessary to change the 20T gear to a 24T or 30T and raise the motor to clear the worm under it.

ASSEMBLY DIAGRAMS

(Numbers relate to instruction paragraphs)



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