



# ProModel Controllers

## PMCR PRO AND PMCE PRO MODELS

figure 1

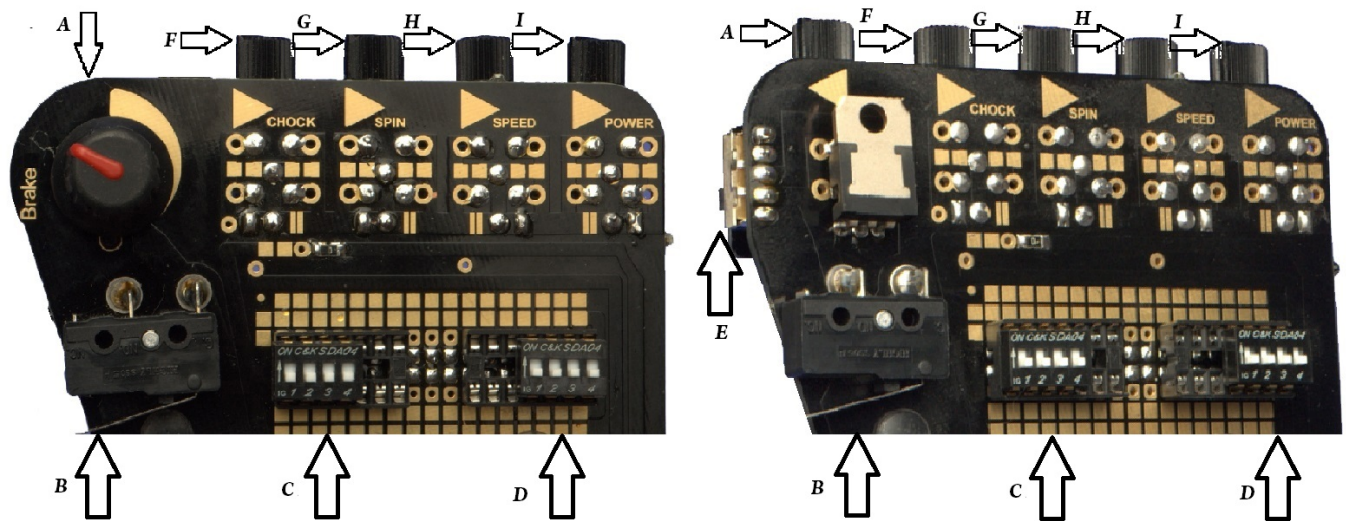


figure 2

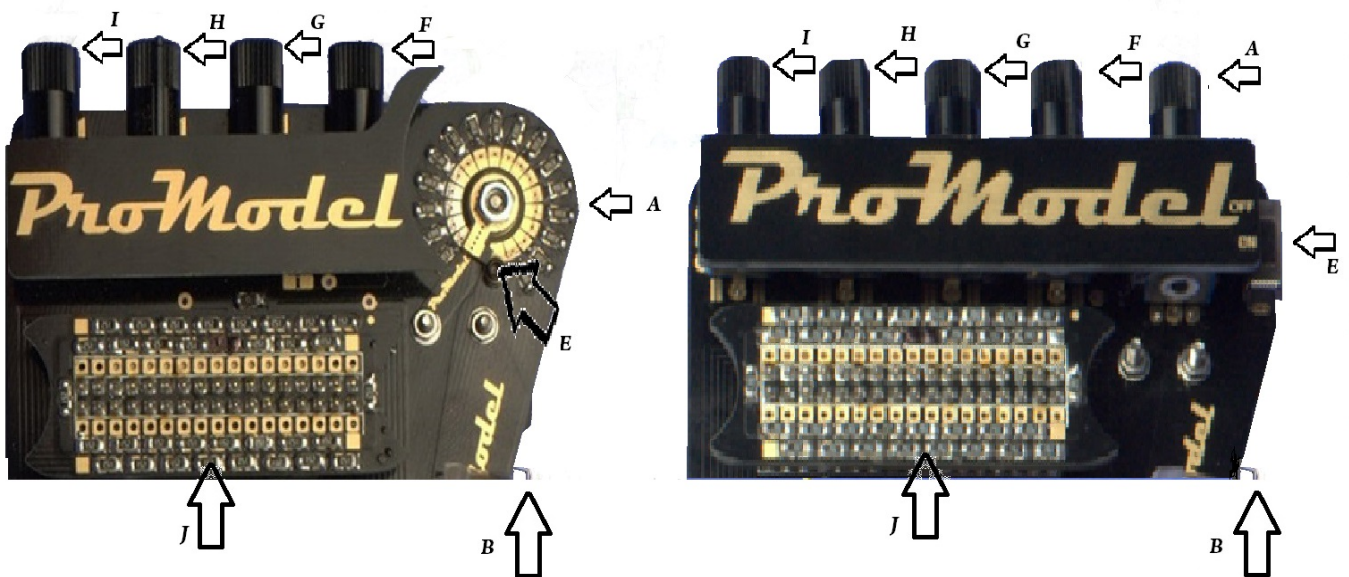


figure 3

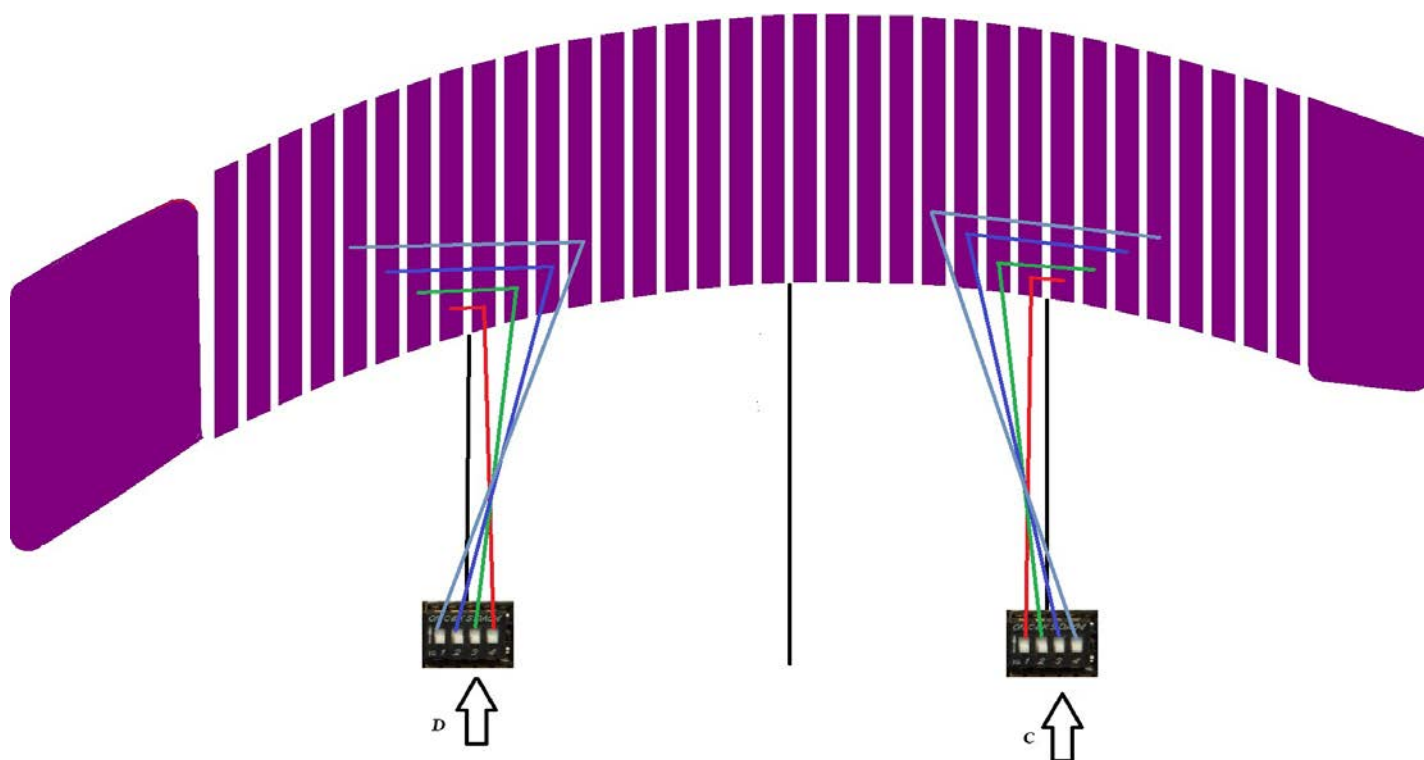
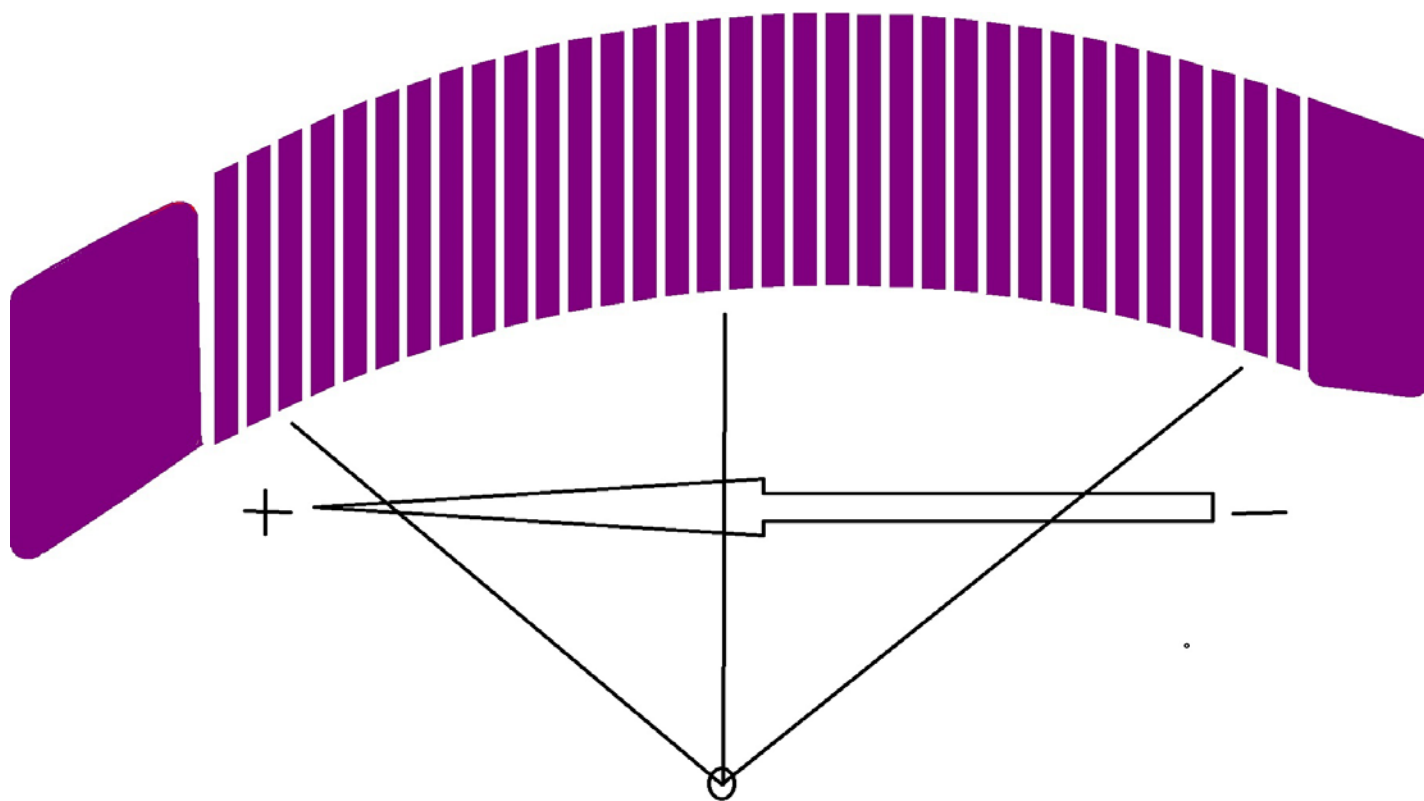


figure 4



**CONTROL CHECK (MODIFY THE MOTOR TORQUE LOCAL)**

A – Brake adjustment.

B – Micro switch brake switch. (switch up to full braking) (maximum braking and or other) .  
**Can be driven anywhere on the track ahead of the curve.**

C – Switch bands of the last 50% of the cursor. ( reduced number of bands in the on position) . **(see figure 3)**

D – Switch bands of the first 50% of the cursor. ( reduced number of bands in the on position) . **(see figure 3)**

E – Regulatory maximum braking directly in regulating braking.

F - Chock regulating. **(see figure 4)**. (Where the regulation of chock increase would reduce the spin in order to compensate for the increase in engine speed to maintain the engine torque at the desired location).

G – Spin regulating. **(see figure 4)**. (Where increase of the spin regulation should reduce the chock, in order to compensate for the increase of engine speed to maintain the engine torque at the desired location).

H – Speed regulating. Regulates the voltage to the entire system of control and spin chock. In principle should never be set higher than 4/3 before the maximum in order to maintain a fully active adjustments to fine tune those systems (except in open slot cars classes in King tracks). \* OPINION.

I – Power regulating. Intended to control the voltage to the entire system of regulation. In normal circumstances should always be set at maximum. (Except in cases of excessive voltage on the track and in some classes of slot cars only). (Even if there is a setting below the maximum will not affect the full power of the controller, it will always keep the yield of the total voltage track the maximum yield provided by the motor.

J – Chip resistors extractable. **(Only available in Pro versions)**. (standard values of the chip's PMCH 420, PMCH 820, PMCH 1000, PMCH 1500, PMCH 2000, PMCH 2500, PMCH 3000 and PMCH 3500 . (other values available by order).

\* All ProModel controllers are able to control all classes of slot cars until the maximum power specified. (as well as control from the cars home, to the open cars) , (G12 models, engines up group 12 on Blue King tracks until 27L motors) , (G7 models to unlimited power motors).

**Models with LCD screen.** Without the car on track and with the pin in the first bands to mark the voltage track. With the car on the track and with the pin in the 1st bands mark the regulation of power electronics.

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