



# SUPER STOCK MOTOR TYPE-R



This high performance, high turn motor is specially developed for use in sprint races. Laydown type brush holders and specially designed magnets are used for this motor. Slits on motor allow heat dissipation. Brush dampers and color anodized brush heatsinks (+ red, - black) are equipped on end bell.

## ROTATION DIRECTION

Make sure the rotation direction of the motor is correct. The rotation direction of the motor is counter-clockwise when viewed from the pinion gear end. Running the motor in the opposite direction will result in reduced performance.



## REPLACING BRUSHES

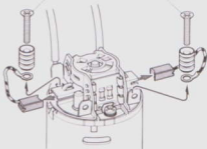
If the brushes are worn as shown, replace them.

★ Check brushes after use of 10 - 15 full battery packs.



- 1 Remove brush springs. Then remove brushes from the end bell.

- 2 Loosen screws and remove brushes as shown.



★ Use ITEM 53483 TAMIYA RACING MOTOR BRUSH SET (Laydown type) as a replacement.

## (Specifications)

Usable voltage .....	7.2V - 8.4V
Torque at best efficiency .....	225 g-cm (7.2V)
RPM at best efficiency .....	22000 rpm (7.2V)
Best efficiency .....	70% (7.2V)
RPM at no load .....	28000 rpm (7.2V)

## CAUTIONS WITH RUNNING THE MOTOR

- Continuous running will damage the motor. Let the motor cool after each full battery run.
- Never overload the motor. Make sure that all the gears and rotating parts move smoothly to prevent motor burn out.
- Never cover the motor. Covering will hinder heat dissipation resulting in damage.
- If motor gets damaged or over-heats, performance will deteriorate.
- Periodically disassemble, clean and maintain motor after running it.
- Use only genuine Tamiya spare parts.