

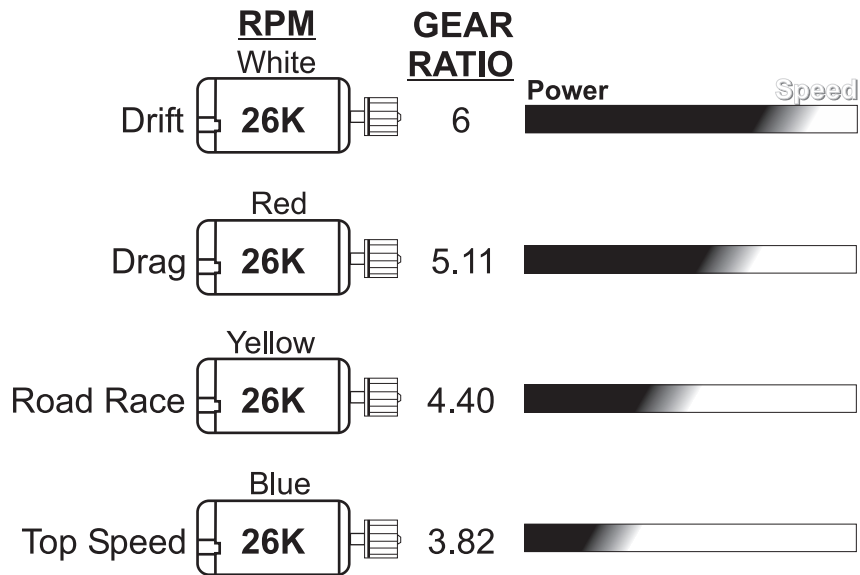
# XMODS™ Custom RC

**Stage 1 Motor Upgrade** 60-8501

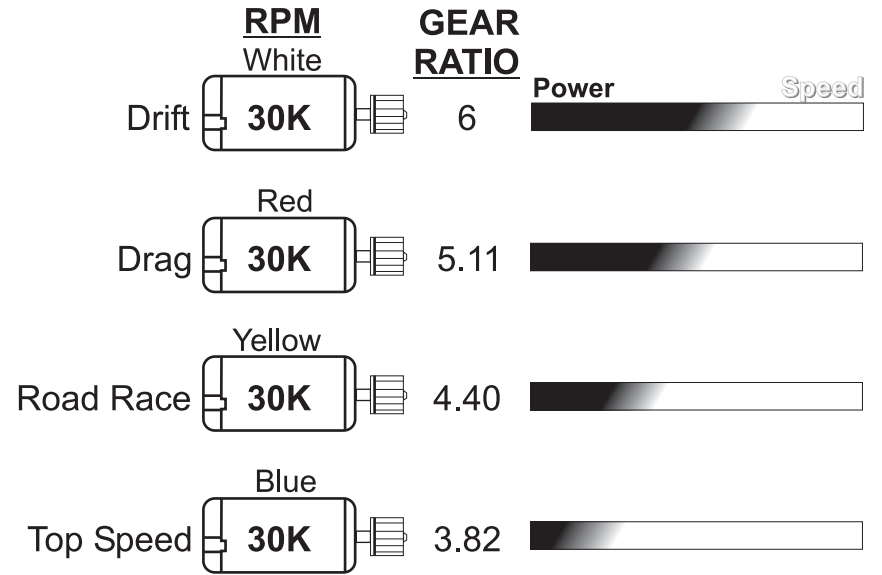
**Stage 2 Motor Upgrade** 60-8502






Enhance the precision, power, and handling of your car with these 26,000 RPM or 30,000 RPM motor upgrade kits. Each motor kit includes four motors: a drift motor (white), a drag motor (red), a road race motor (yellow), and a top speed motor (blue). Each motor has permanently fixed brass pinion gears for longer life, and a matching bevel gear. The bevel gear color must match the motor color for the car to operate. The Stage 2 kit also includes a heat sink to protect your motor from overheating. Before installing, turn off the vehicle and controller, detach the car body, and remove the antenna. Place the antenna in a safe place so you can reassemble it later.

## Stage 1 Motor Specifications



## Stage 2 Motor Specifications



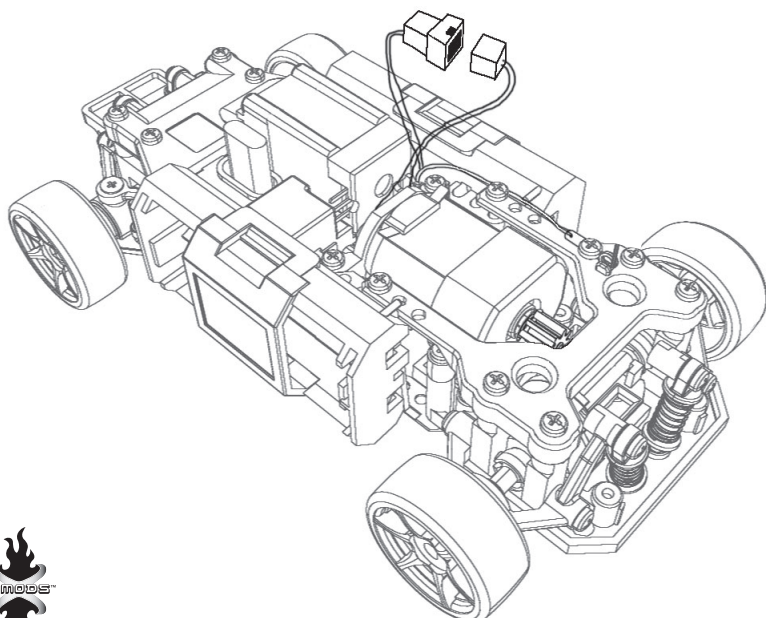
Motor Upgrade Stage 1 and 2 Screw Guide					
Screw					
Location	Antenna	Rear Upper Deck	Rear Upper Deck (Front)	Motor Holders	Rear Lower Deck
Quantity	1	4	2	4	2

### Tuning Tips:

- When upgrading your car, it is best to work on a large, level workbench or table. If you drop a small part, it will be easier to locate if it lands on a table rather than the floor.
- Note which screws you remove from each location. You will need to reinsert them later. Refer to the screw guide to determine the proper screw placement.
- Using the high speed motor generates high heat levels. Heat causes wear and tear on the motor. To extend the life of your car, let your car cool for about 20 minutes for every 15 minutes of play.

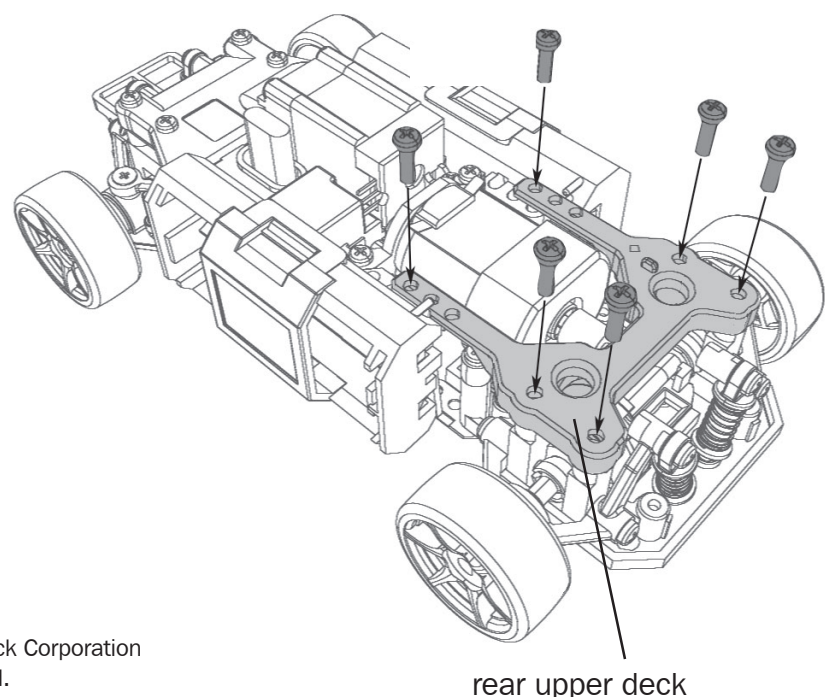
## 1

Disconnect the **motor connector**.



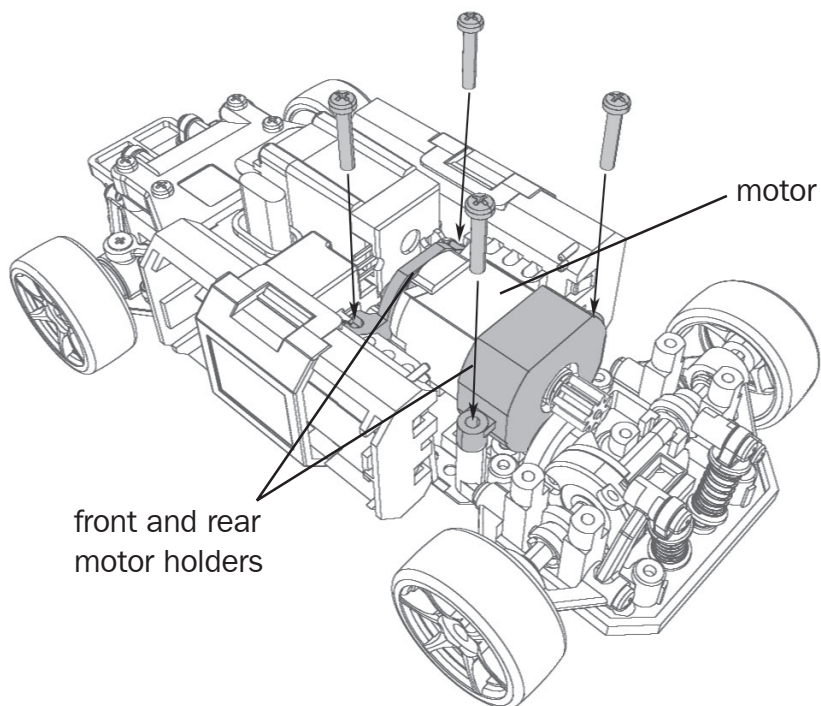
## 2

Detach the **rear upper deck** by removing the two screws from the front of the **rear upper deck** and the four screws from the **rear upper deck**.



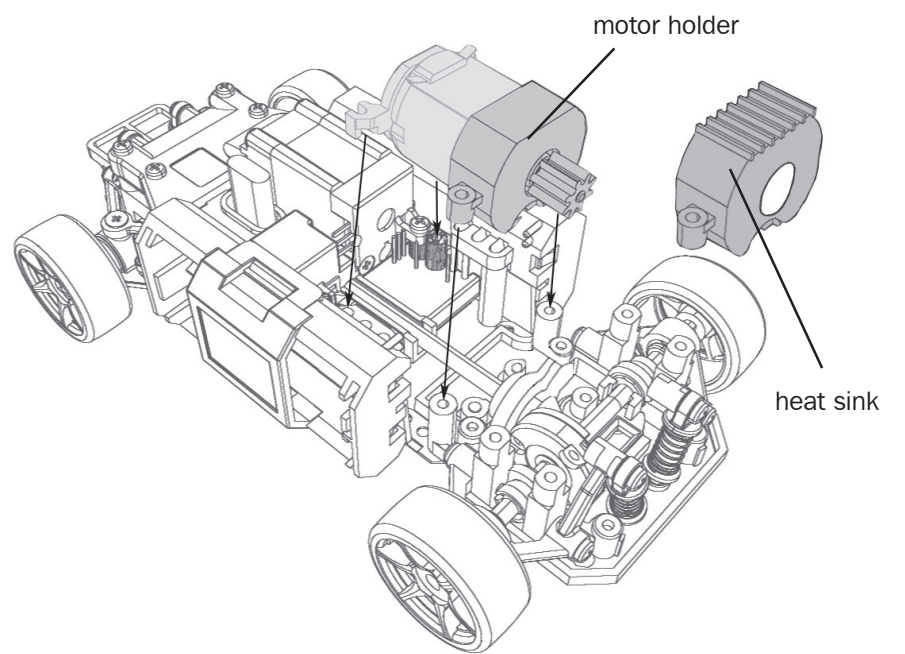
### 3

Detach the **motor holders** and **motor** by removing the four screws from the two **motor holders**.



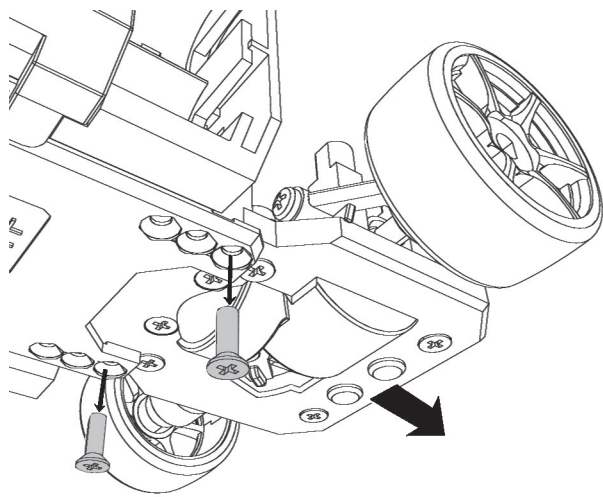
### 7

Route the motor wire through the slots on the **front motor holder**. If you are upgrading to Stage 1, apply the **rear motor holder** to the new motor. If you are upgrading to Stage 2, apply the supplied **heat sink** to the new motor.



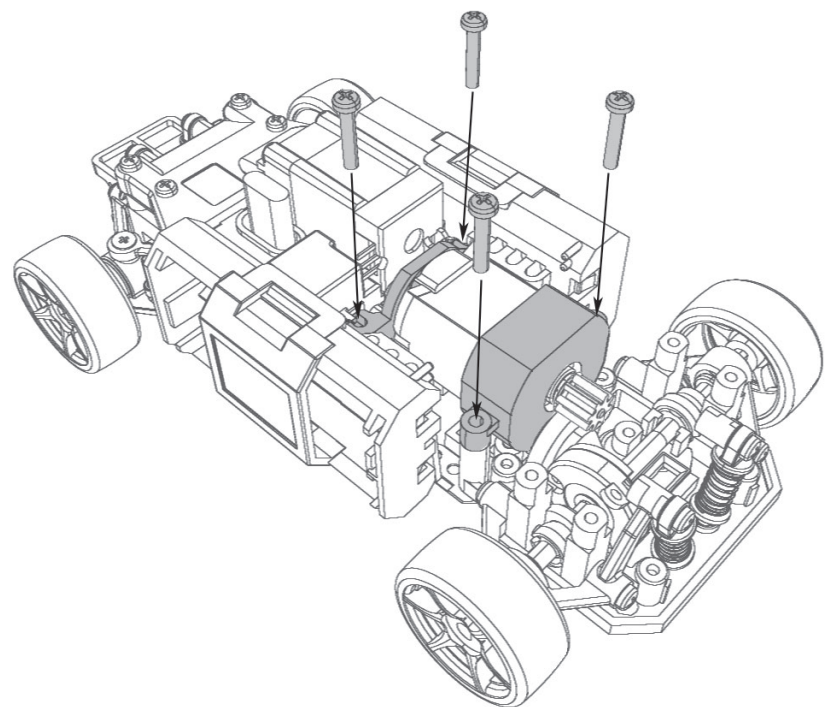
### 4

Detach the **rear lower deck** by removing the two screws.



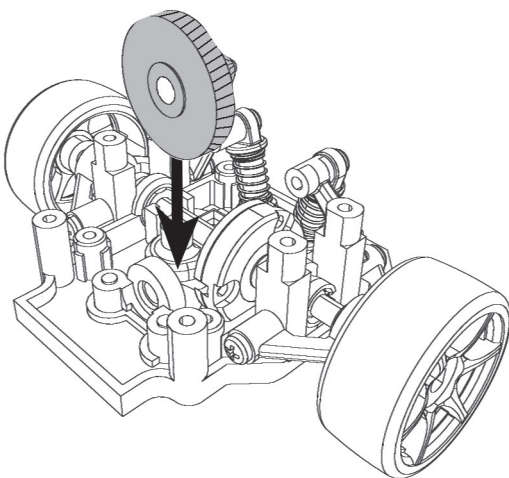
### 8

Secure the **motor holder(s)** and/or **heat sink** to the chassis with the four screws.



### 5

Remove the car's bevel gear and replace it with a new **bevel gear** that is the same color as the selected **motor**.



### 6

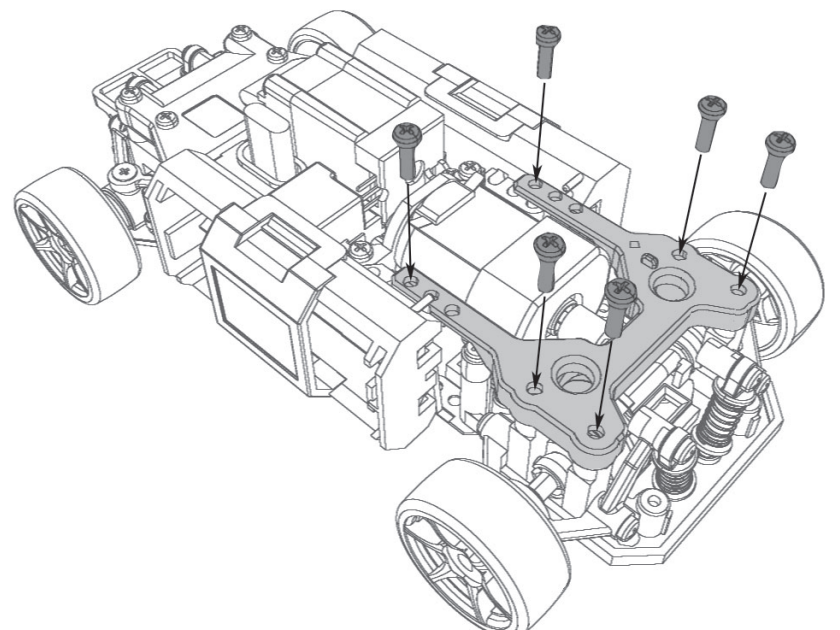
Make sure to align the D-cut on the **shaft** with the new **bevel gear** so that they fit together. Reattach the **rear lower deck** and secure it with the two screws.

#### Notes:

- Do not overtighten screws when reassembling the car.
- Make sure the motor connector wires are not pinched by other parts when reassembling the car.

### 9

Attach the **rear upper deck** with the six screws. Connect the motor connector as shown in Step 1.



### 10

When finished, reassemble and mount the antenna. Reattach the car body to the chassis.

