# SG Startup Guide




# STOP AT NOTHING.

WWW.HPIRACING.COM

hpi racing

En 161000-006-SG

# Thank you

**Thank you for selecting this HPI RACING product!**

**This kit is designed to be fun to drive and uses top quality parts for durability and performance. The instruction manual you are reading was designed to be easy to follow yet thorough in its explanations. HPI Racing wants you to enjoy driving your new R/C kit. If you come across any problems or need some help getting through a step, you can contact us on the internet at www.hpiracing.com.**

**This is a high performance R/C kit, and it requires regular maintenance for best performance. If you don't do regular maintenance the performance will suffer. HPI has all the necessary parts and accessories available to keep your car performing at its best.**

**The caution or attention symbols will warn you about steps that can be very dangerous.**

**Please read and understand the instructions carefully before proceeding.**



**Cautions**

**Failure to follow these instructions can damage your kit, and cause serious bodily injury or death.**



**Attention**

**Failure to follow these instructions can cause injury to yourself or others.**

**You might also cause property damage or damage your kit.**



**Cautions**

| | |
|---|---|
| **Before Running** | **Please read manual (with parent, guardian or a responsible adult if necessary).** |
| **While Operating** | **Please do not run on a public street, this could cause serious accidents, personal injuries and/or property damage.** |
| | **Please do not run near pedestrians or small children.** |
| **Before Operating** | **Make sure that all screws and nuts are properly tightened.** |
| | **Always use fresh batteries for your transmitter and receiver to avoid losing control of the model.** |
| | **Please confirm the neutral throttle trigger position.** |
| **After Running** | **Turn OFF receiver first, then turn OFF transmitter. This will prevent the car from losing control.** |
| | **After running a HPI RACING product, it is necessary to perform routine maintenance. Failure to do this can result in increased wear and damage to the engine and chassis.** |
| **Battery safety** | **Please be careful when handling the battery. It will be hot after running. If the wire is frayed, a short circuit can cause a fire.** |

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## Additional Information

**QS** *Quick Start Guide* + www

**TG** *Technical Guide* + www

**BM** *Body Installation* + www

**SG** *This Guide* www

**RM** *Transmitter Manual* www

**EM** *ESC Manual* www

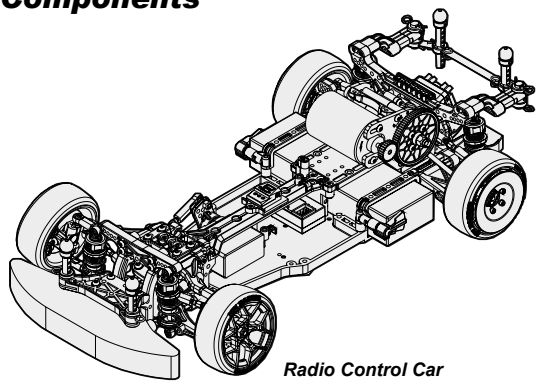
**UG** *User Guide* www

**EM-1-1**

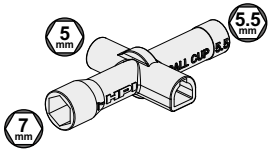
*NOTE - This refers to the relevant guide (as above) and the relevant section. In this example, Section 1-1 of the ESC Manual.*

# Kit Contents

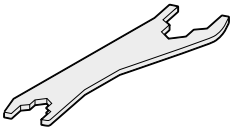
## Components



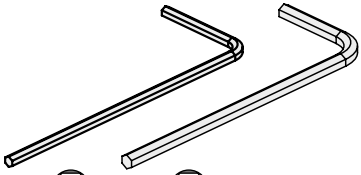
*Radio Control Car*



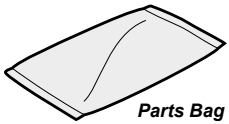

***160362***
*Cross Wrench Small (Plastic)*



***160364***
*Turnbuckle Wrench*




***Z901*** ***Z904***
*Allen Wrench*



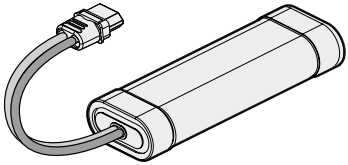
*Parts Bag*

**Tip**

**Refer to the User Guide for information on the use of spare parts.**

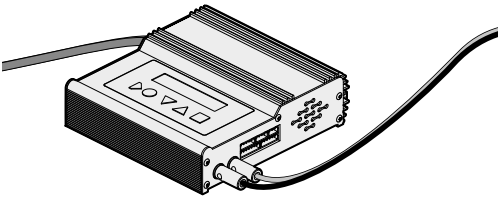
**UG**

## Equipment Needed

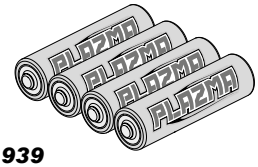


***BATTERY PACK***
***PLAZMA 7.2V 2000mAh/7.4V 2S LiPo***

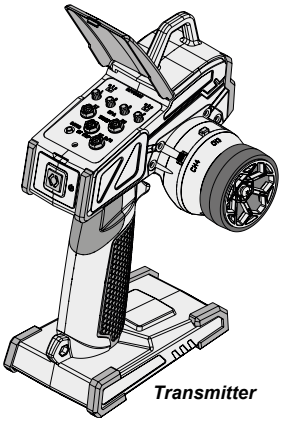
**Use 2S LiPo for Flux models.**



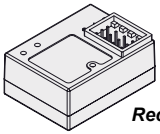
*Suitable Battery Charger*



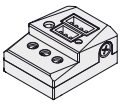

***101939***
***PLAZMA 1.5V Alkaline AA Battery***



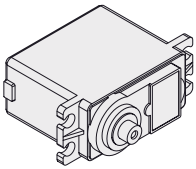
*Transmitter*



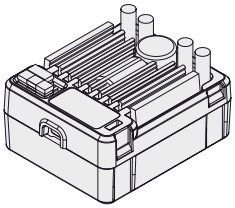
*Receiver*



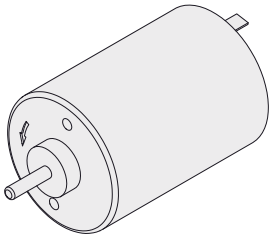
*Gyroscope*



*Steering Servo*

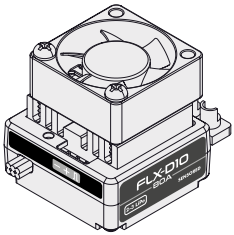


*Brushed Electronic Speed Controller*

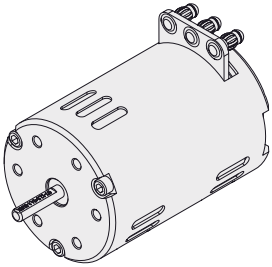


*540 Type Brushed Electric Motor*

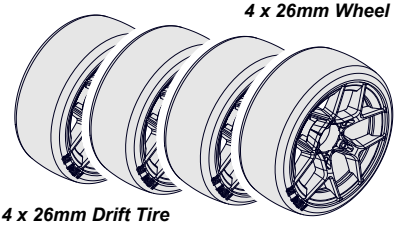
***OR***




*Brushless Electronic Speed Controller*

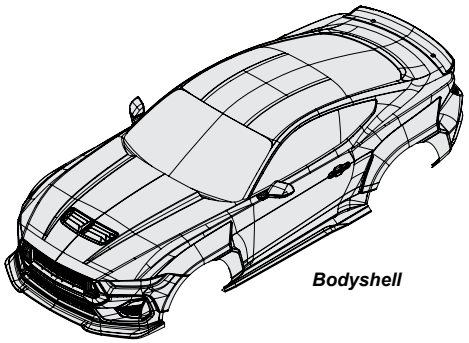


*Brushless Motor*



*4 x 26mm Wheel*

*4 x 26mm Drift Tire*



*Bodyshell*

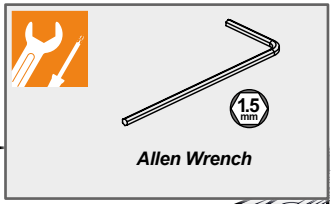
# 1 Preparing the Chassis

**Install electric components.**

## 1-1 *ESC Installation*

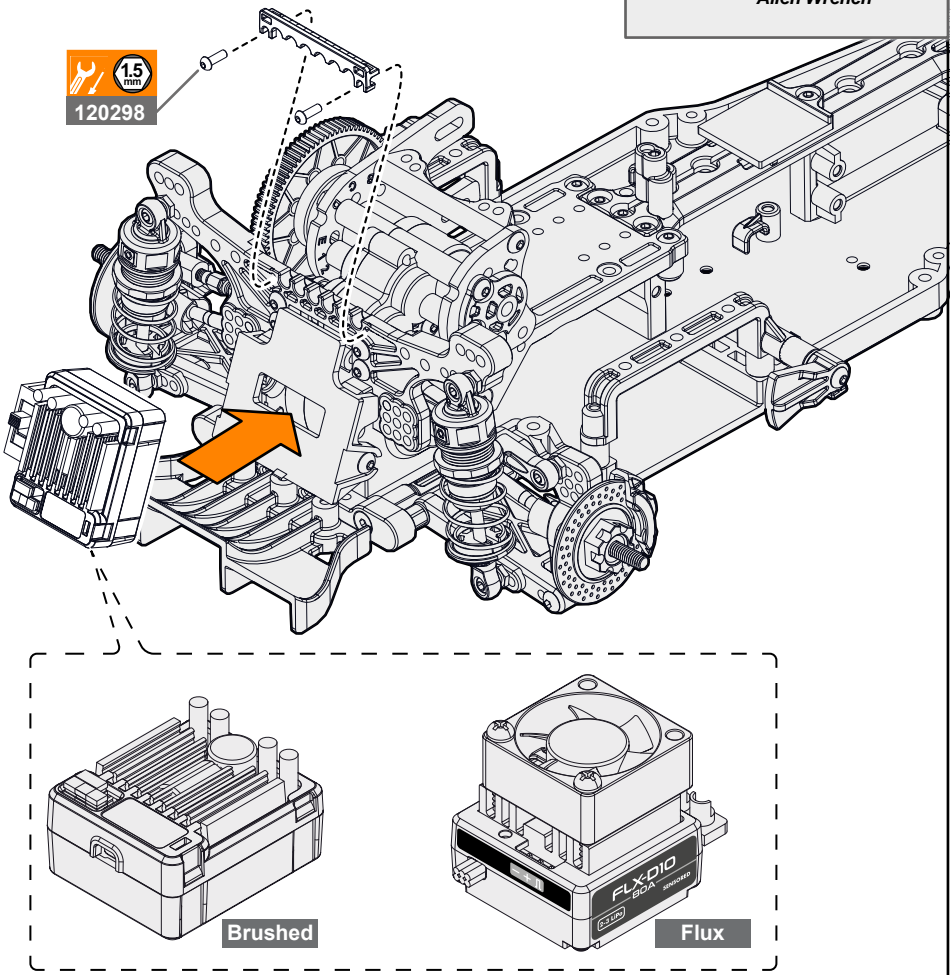
**Install the ESC.**

**Use double-sided tape to attach the ESC to the ESC plate, and secure the wires to the shock tower using the wire guide.**




*Allen Wrench*

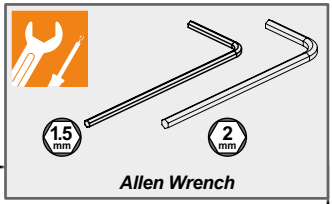
1



# 1-2 *Motor Installation*

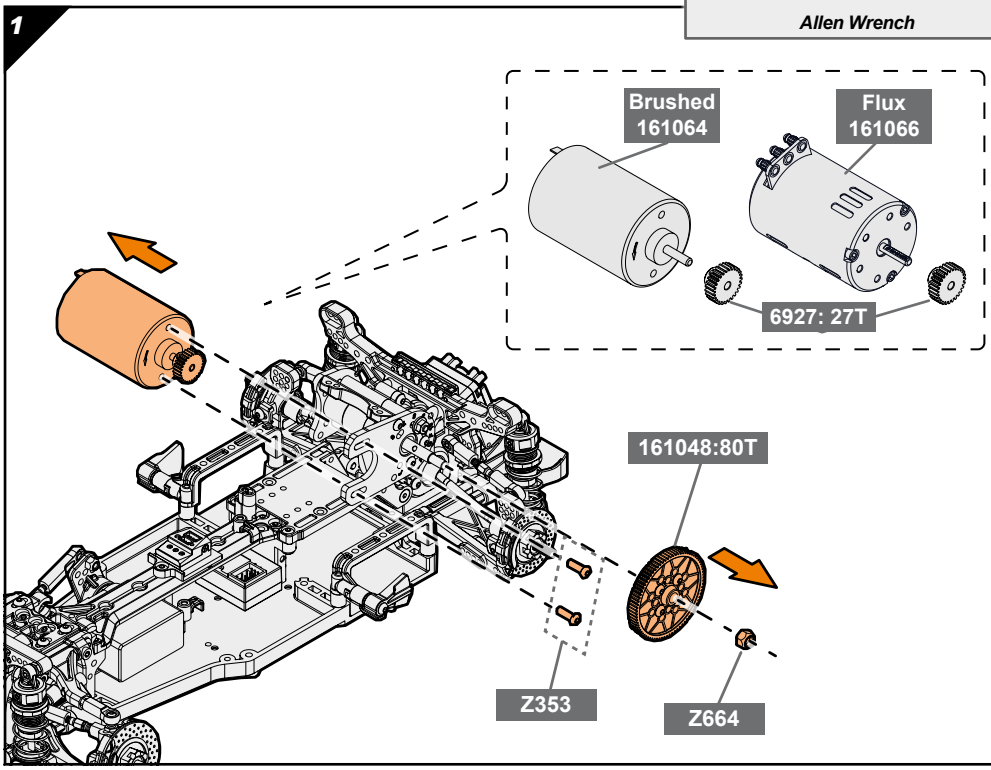
**Install the Motor.**

**Adjust pinion and spur gear mesh so that they operate smoothly.**

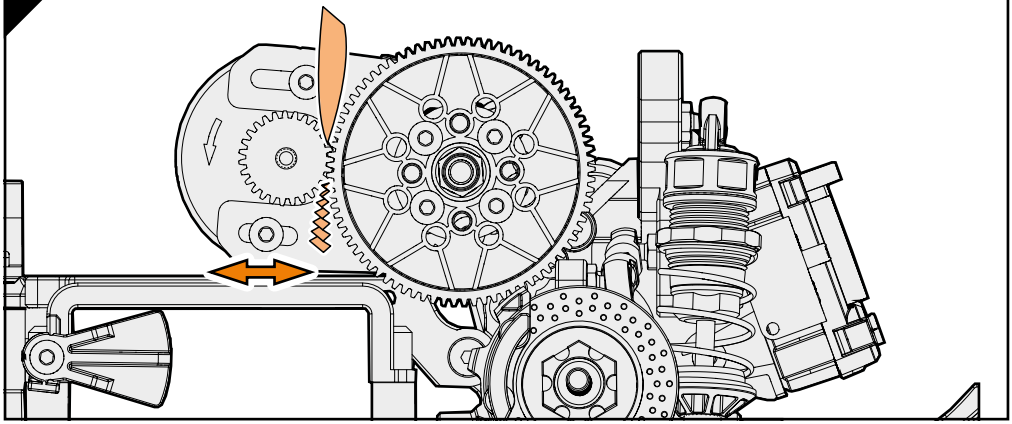



*Allen Wrench*

**1**



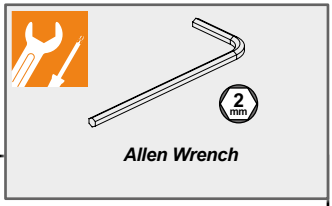

**2**



# 1-3 *Servo & Radio Installation*

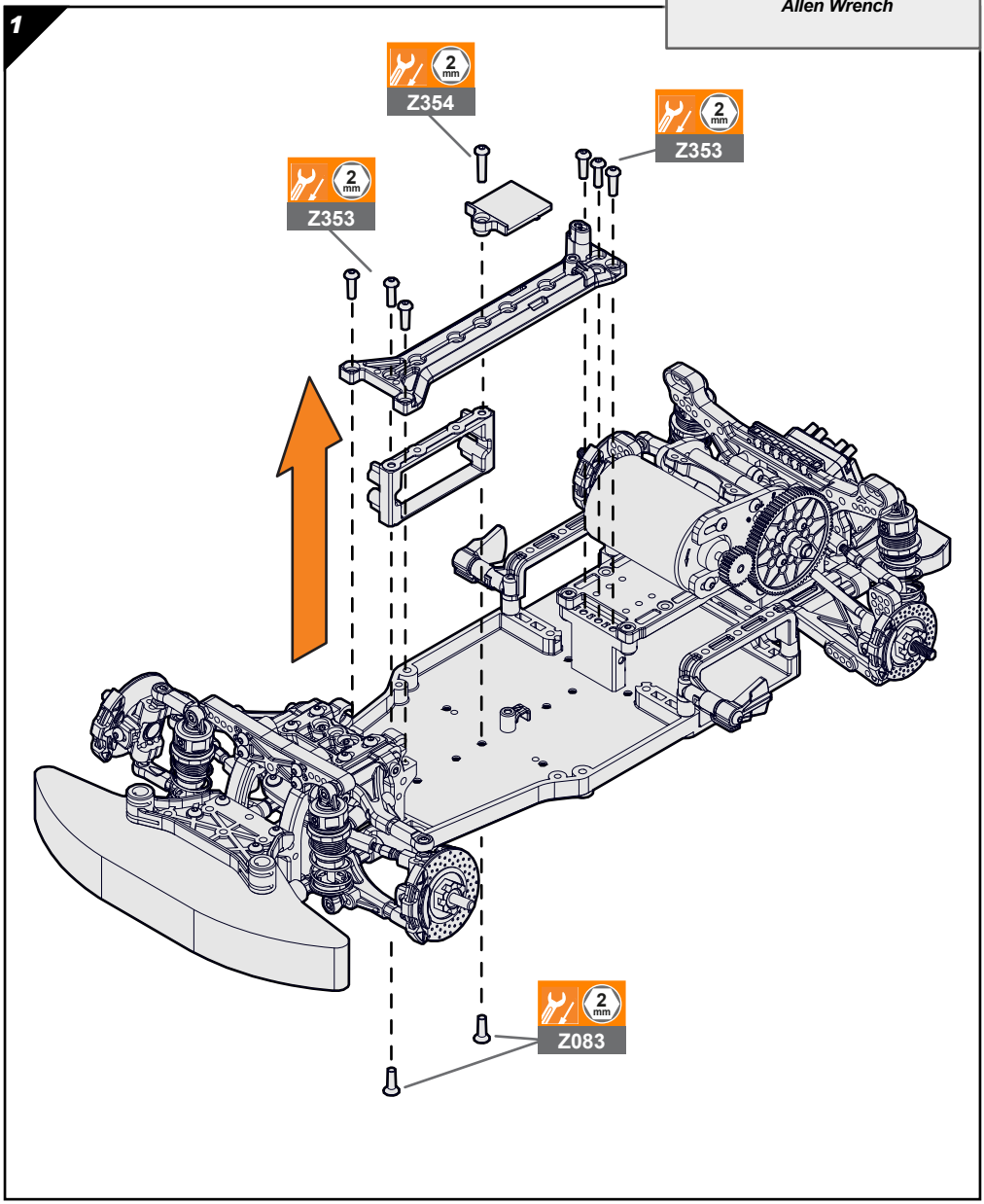
**Install the servo, receiver, and gyro.**

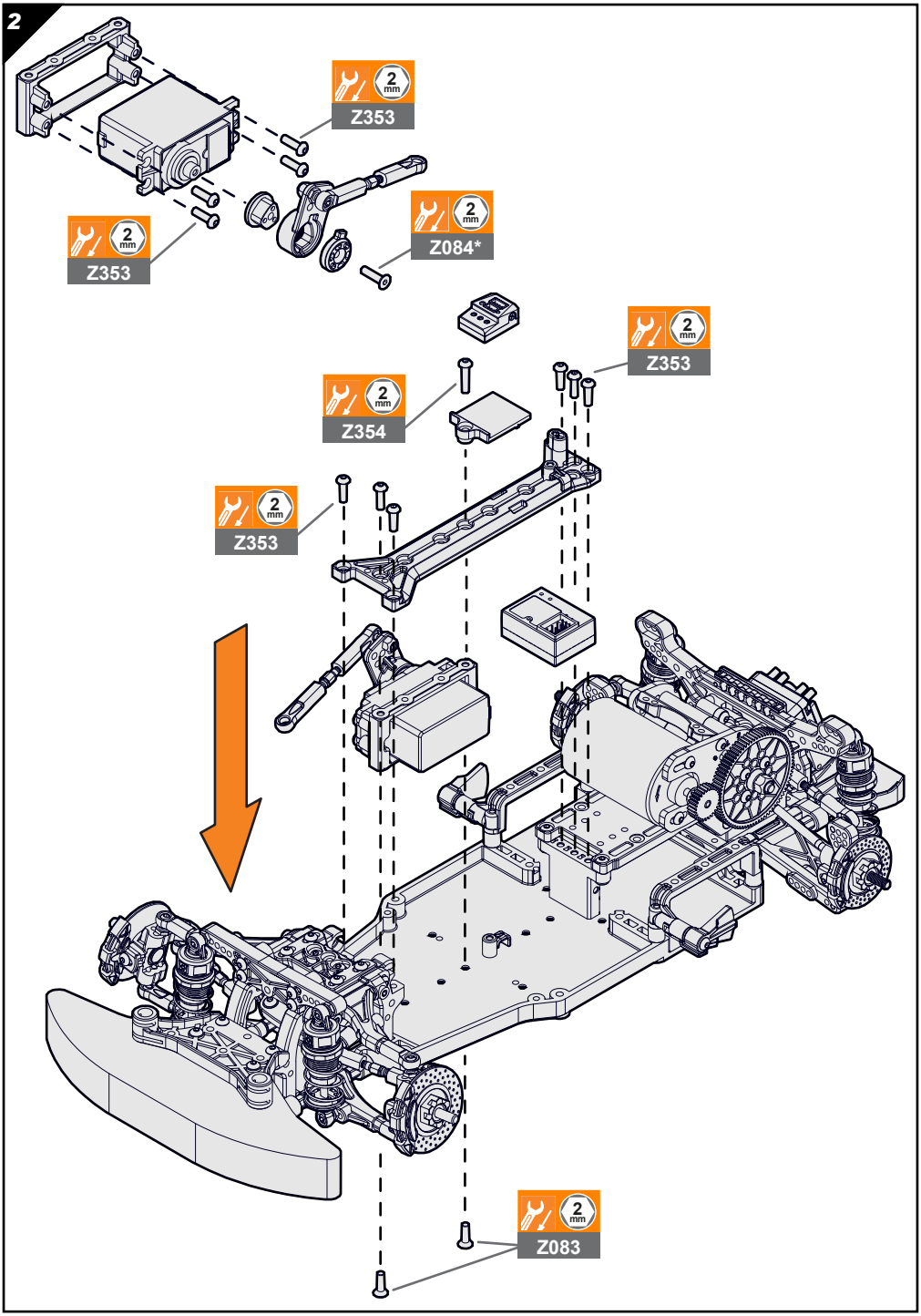
**Use double-sided tape to attach the receiver and gyro.**




*Allen Wrench*

*1*




2
2 mm
Z353
2 mm
Z353
2 mm
Z084*
2 mm
Z353
2 mm
Z354
2 mm
Z353
2 mm
Z083

# 2 Body Mounts - Options

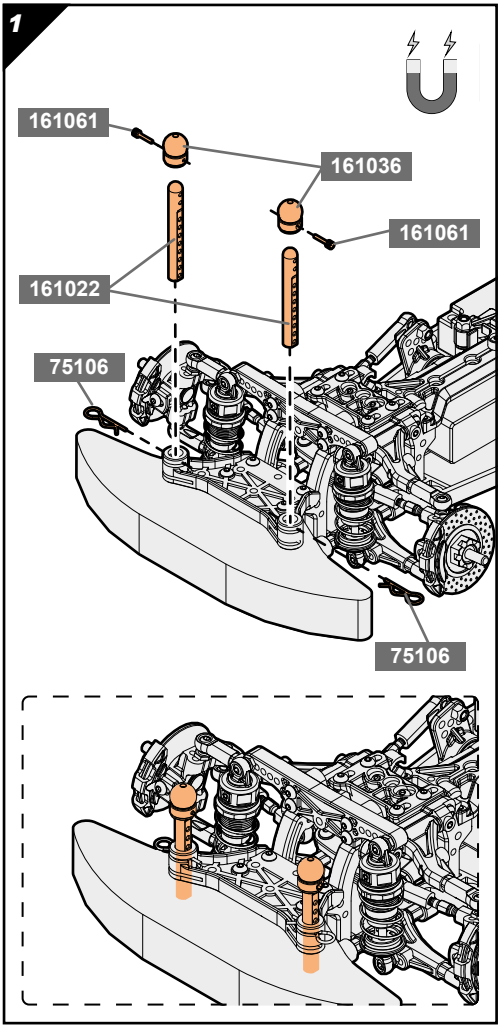
**The body can be mounted using either body clips or magnetic mounts.**

The mounting positions can be configured in several ways to suit the chassis component layout and the body being fitted.

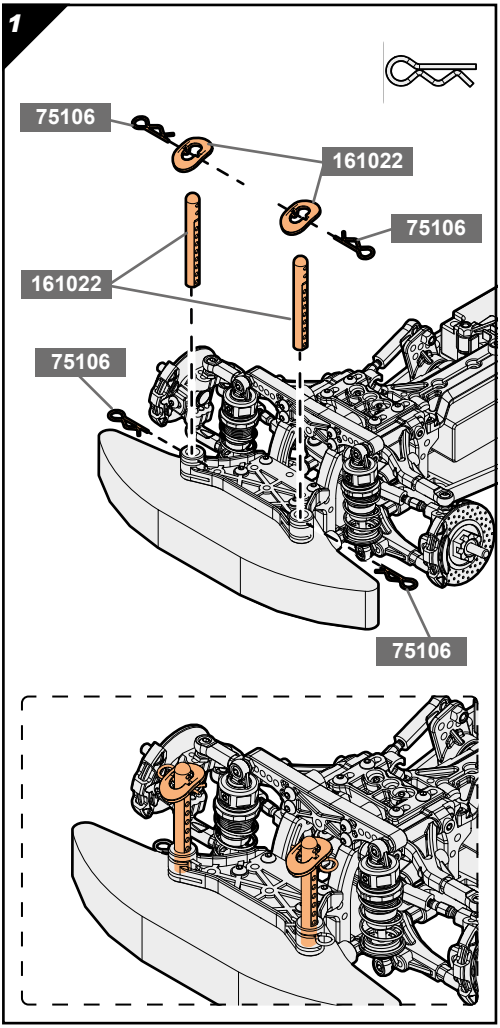
## 2-1 *Front Body Mounts*

**The body can be retained using either magnets or body clips.**

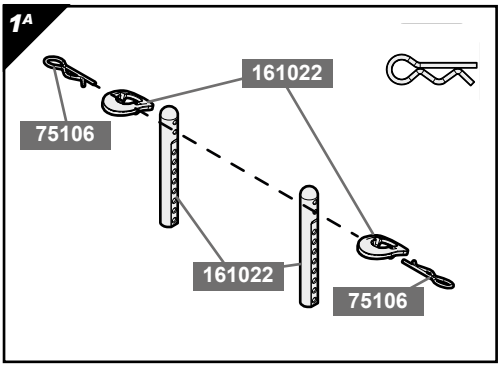
### 2-1-1 Magnetic Fixing

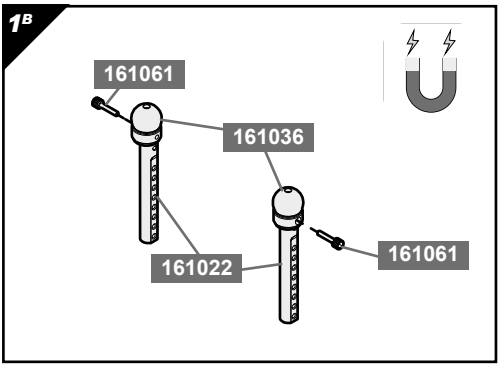


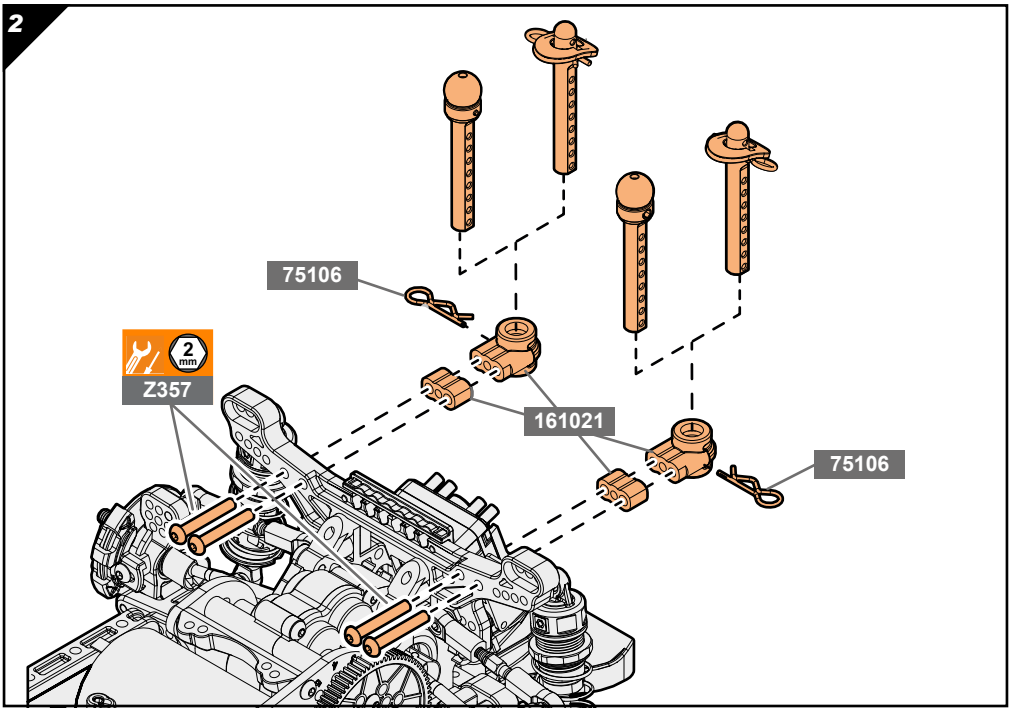

### 2-1-2 Body Clip Fixing

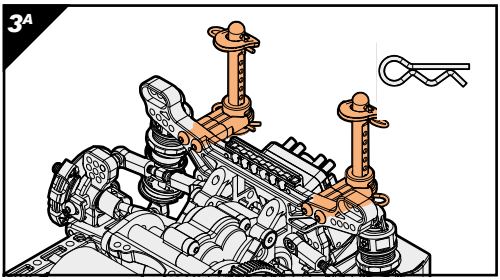


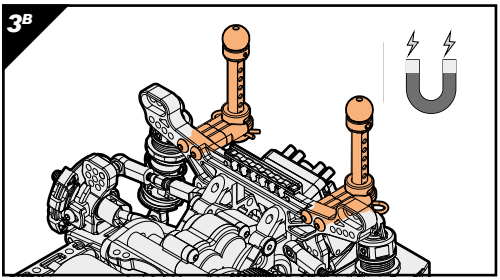
# 2-2 Rear Body Mounts - HPI 1



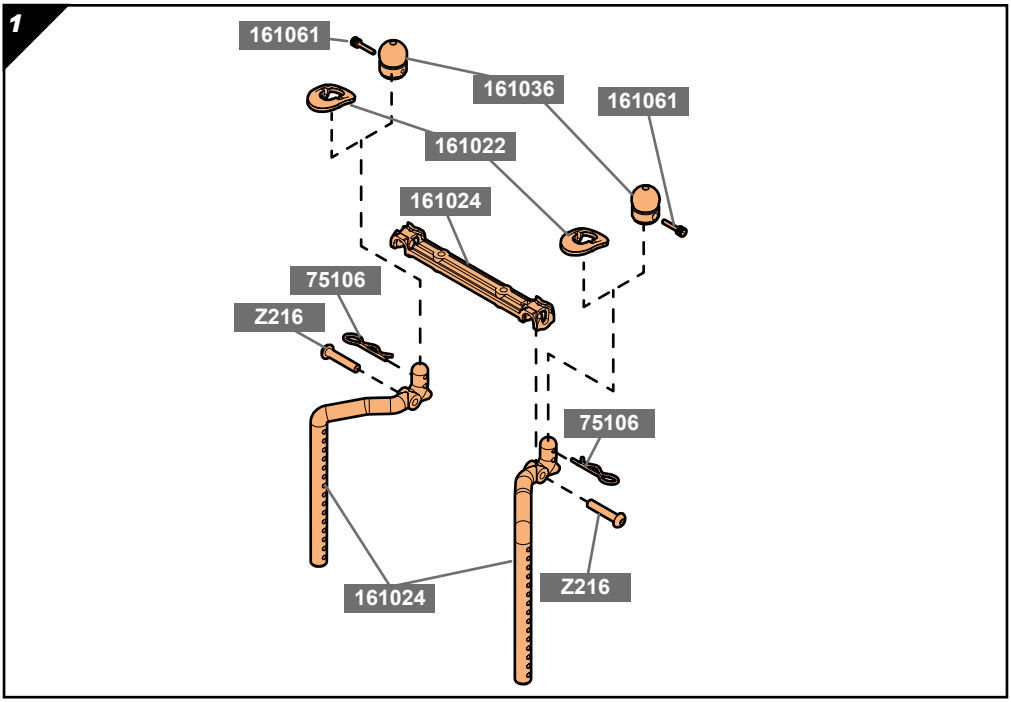



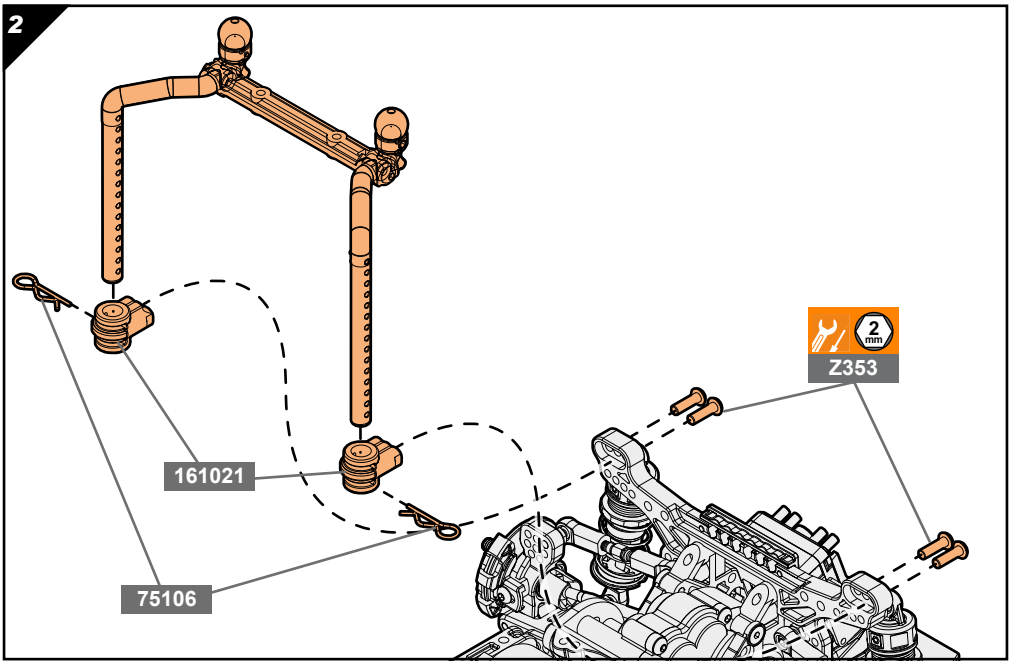



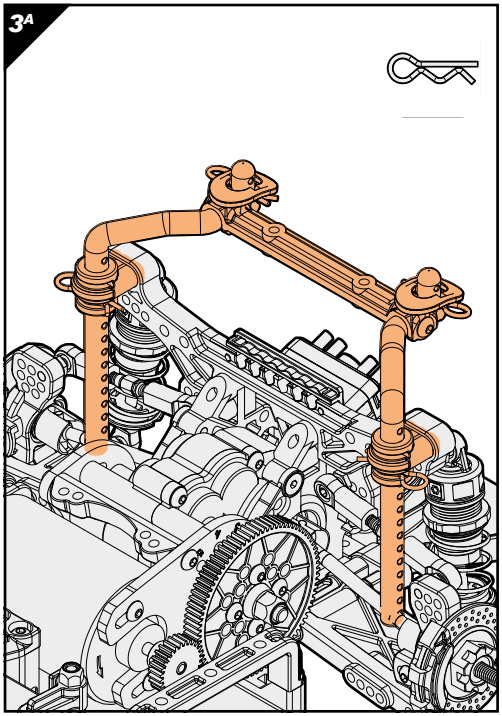



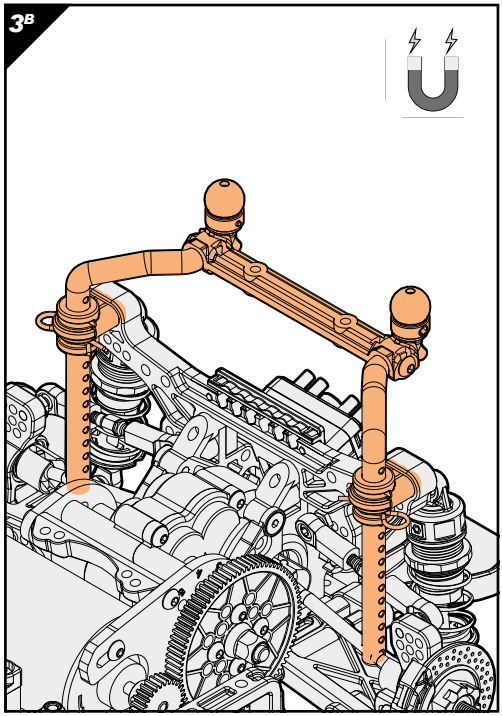



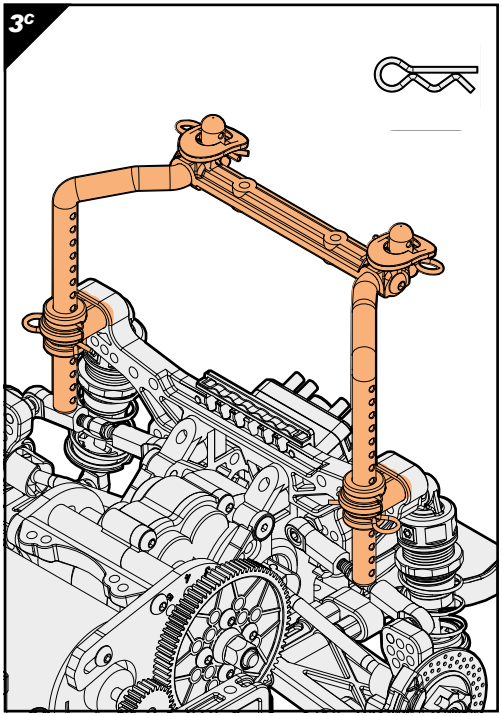
# 2-3 Rear Body Mounts - HPI 2

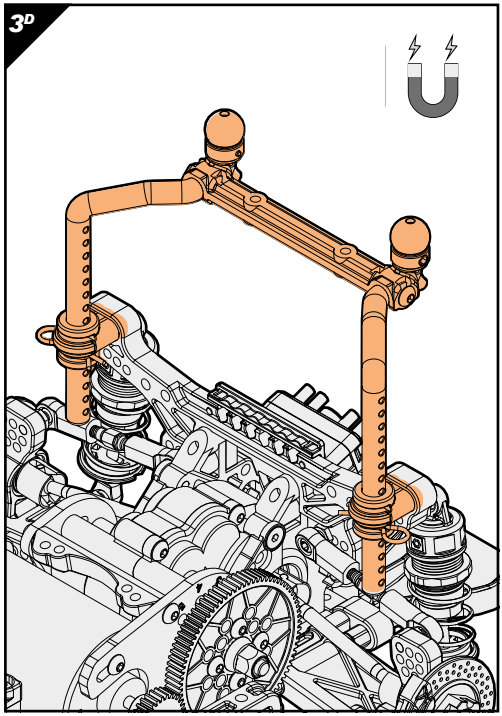



3A

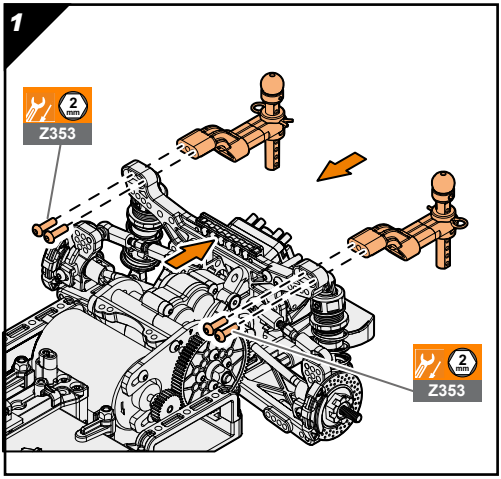

3B


3C


3D

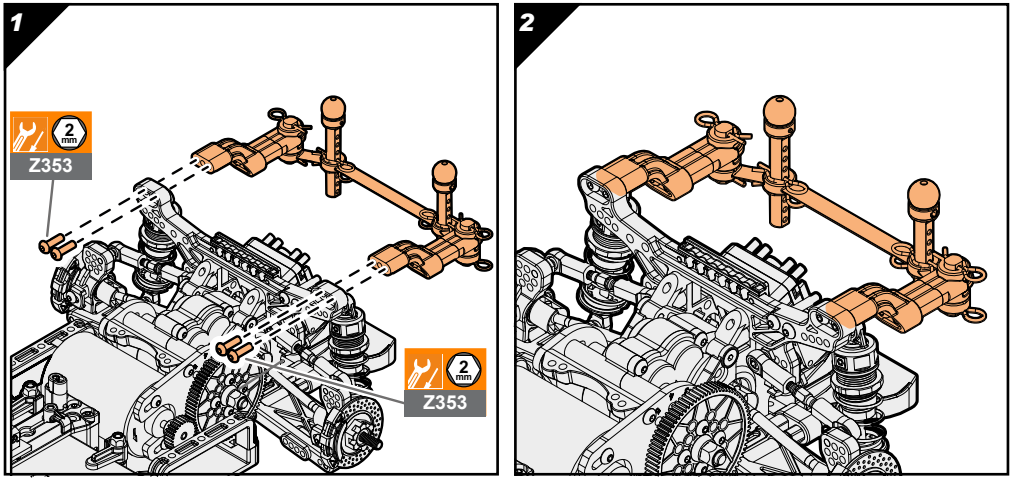
# 2-4 Rear Body Mounts - Rear Long

## 2-4-1 Rear Long 1 with magnetic



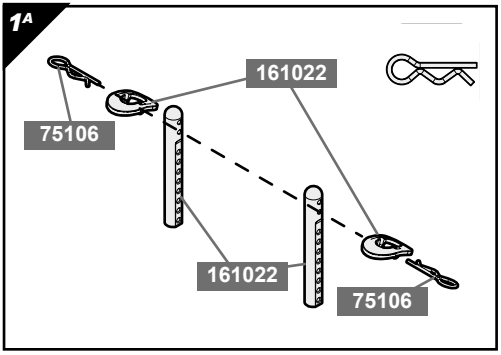

**Tip** Can also be setup to use body clips to attach body

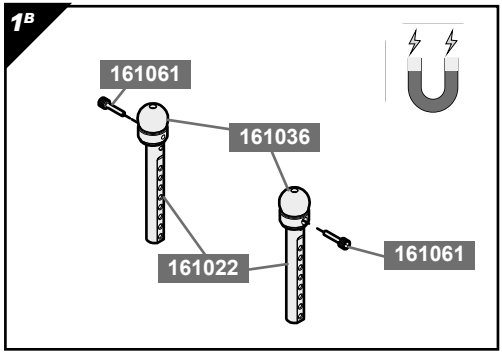
## 2-4-2 Rear Long 2 with magnetic

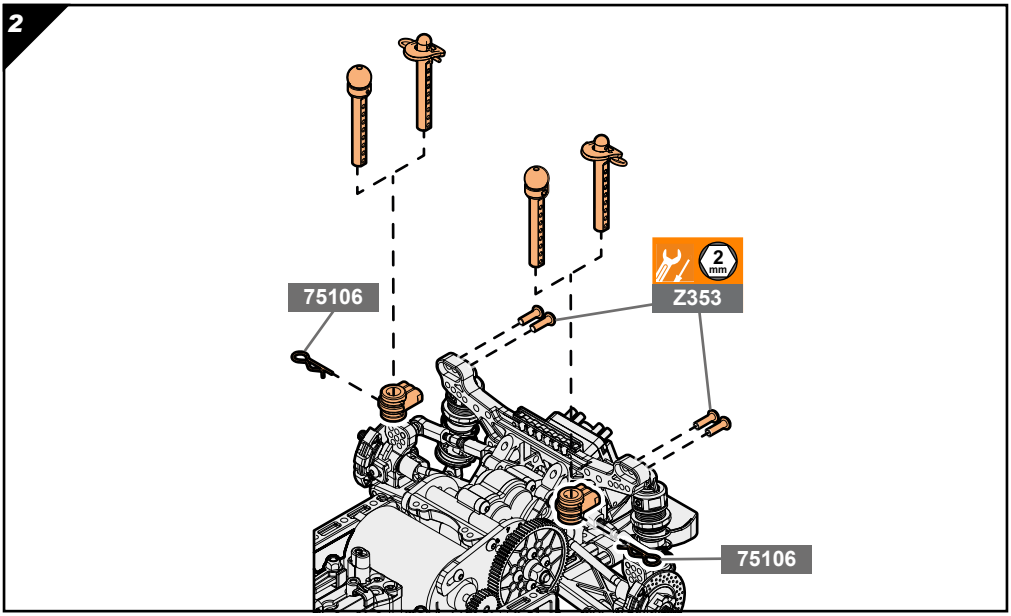


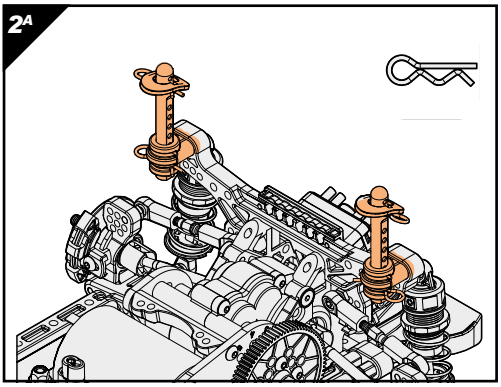

**Tip** Can also be setup to use body clips to attach body

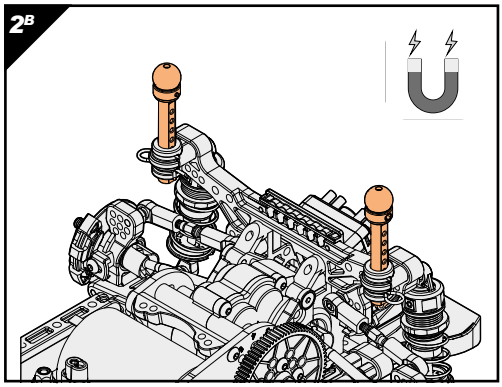
# 2-5 Rear Body Mounts - Middle Wide



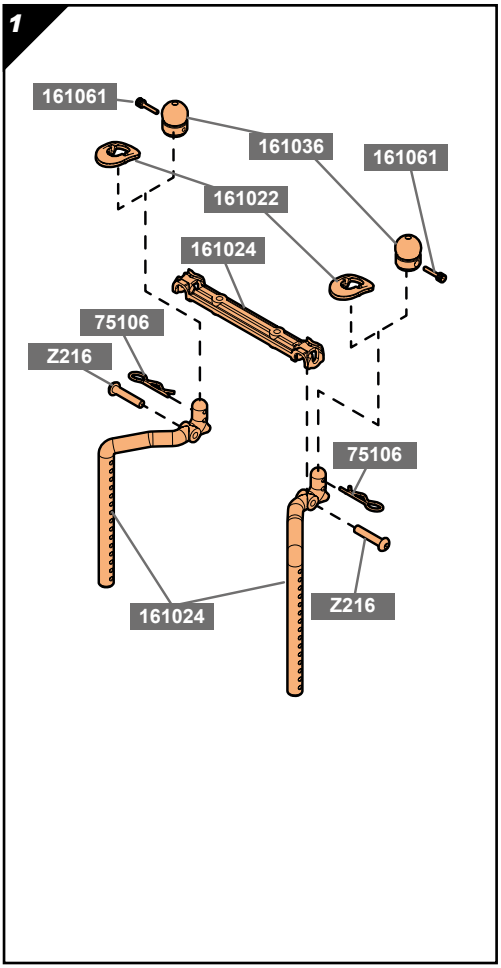



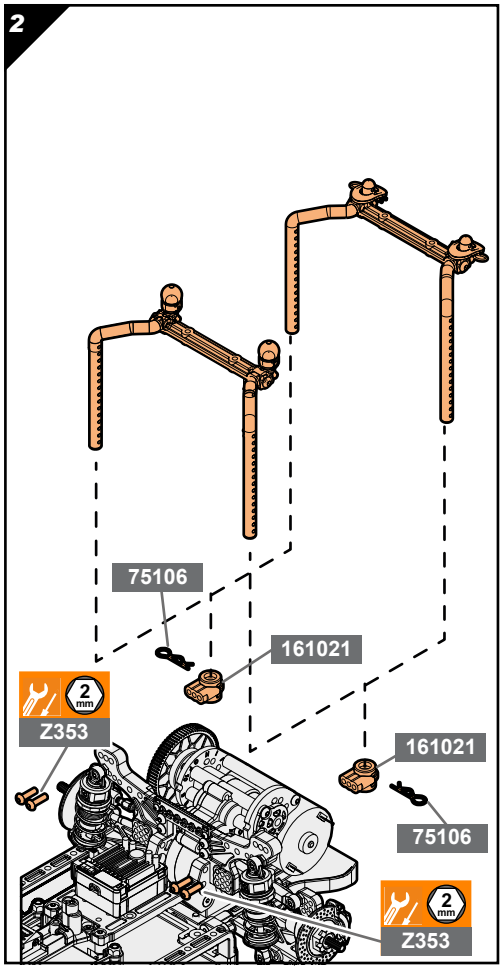



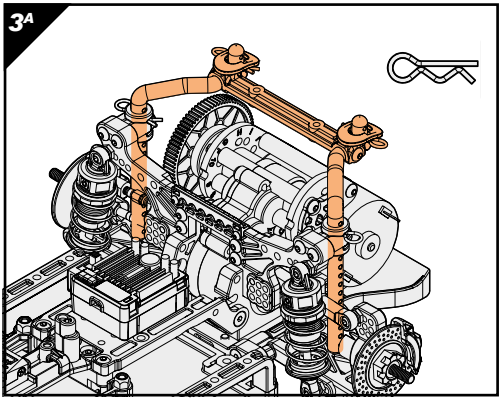



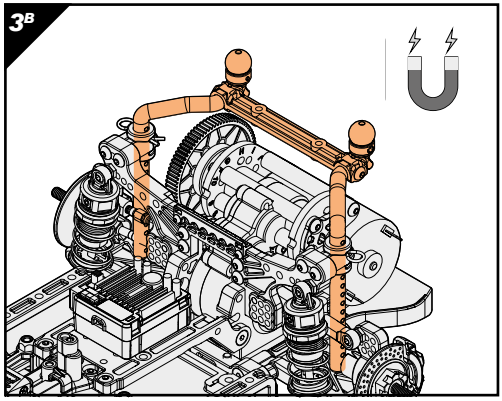



# 2-6 Rear Body Mounts - Rear HPI



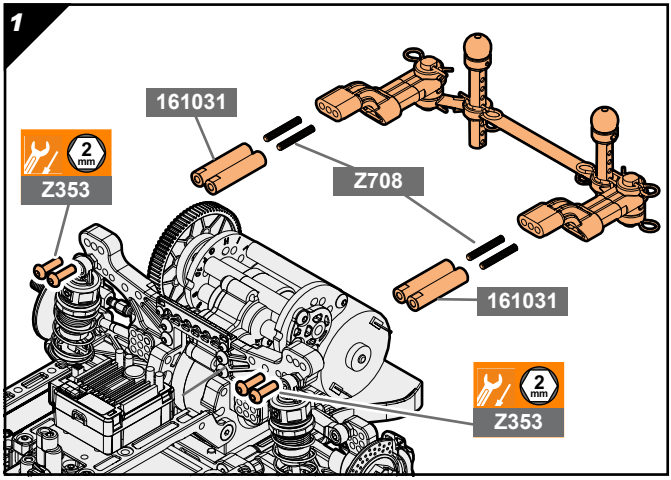



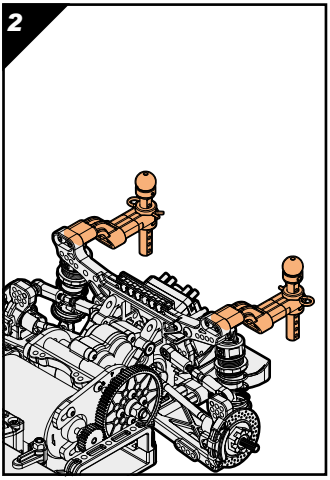



# 2-7 Body Mounts - Rear Long

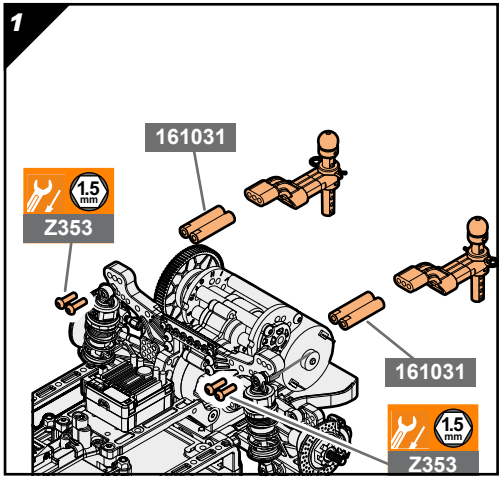
## 2-7-1 Version 1

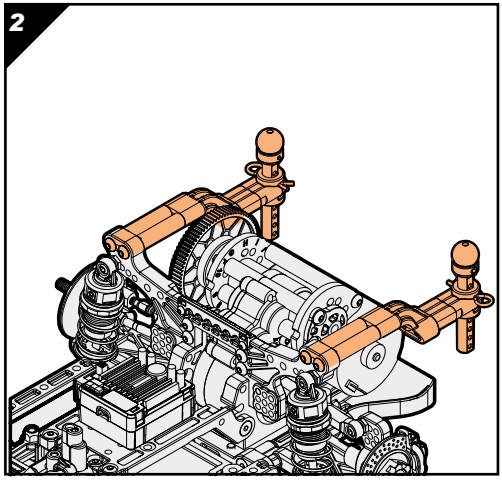



**Tip** Can also be setup to use body clips to attach body

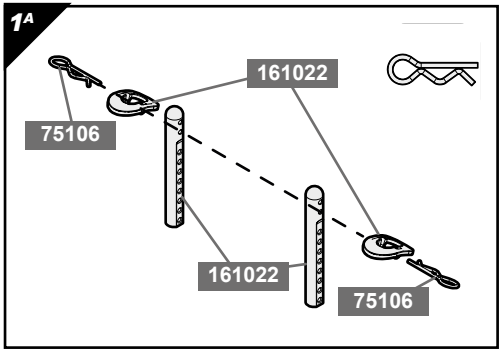
## 2-7-2 Version 2

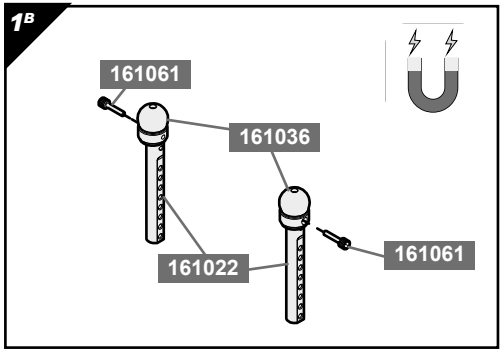


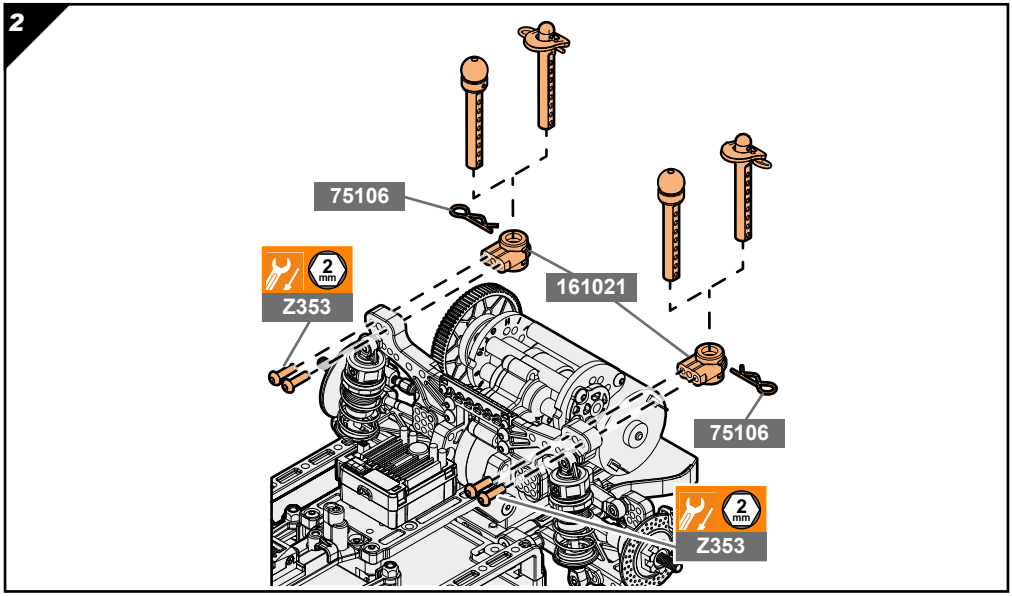



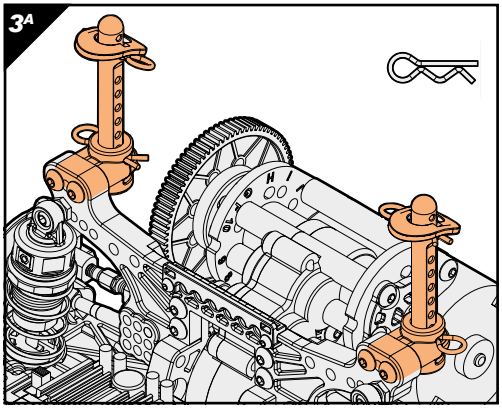

**Tip** Can also be setup to use body clips to attach body

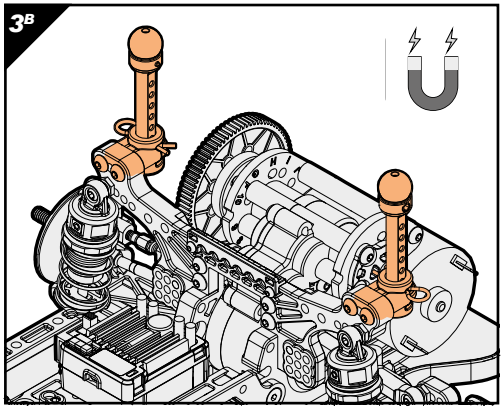
# 2-8 Body Mounts - Rear Wide



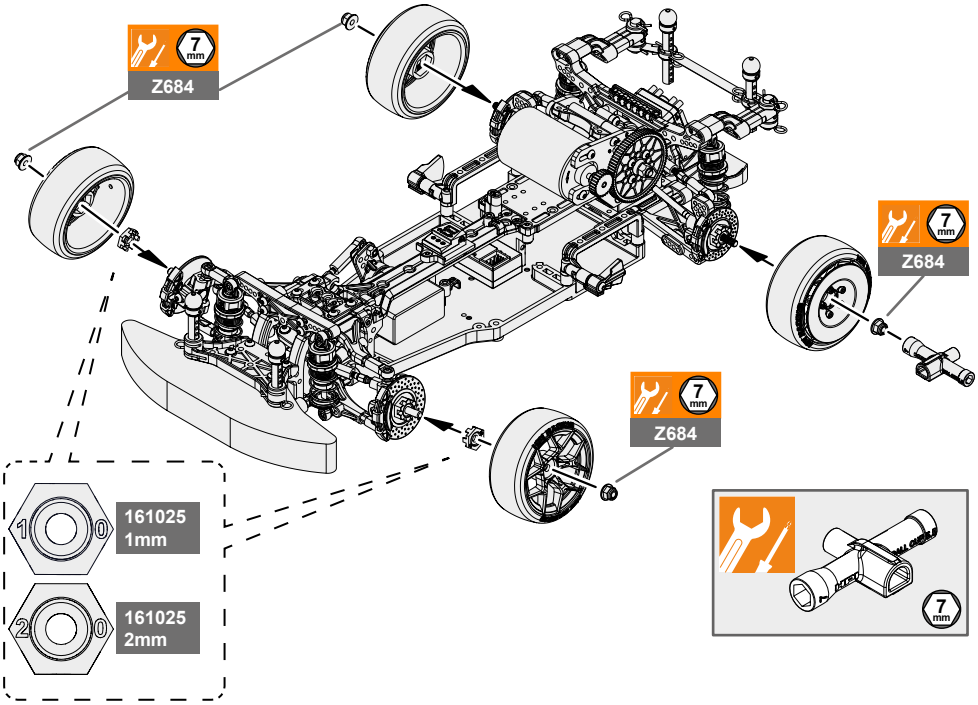



# 3 Wheel Fitting

**Use the offset spacers to change the wheel offset by 1mm or 2mm increments.**





**HPI RACING A/S**

**www.hpiracing.com**
HPI Racing A/S
Jegindøvej 21
DK - 8800 Viborg
Denmark
Email: info@hpiracing.com

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