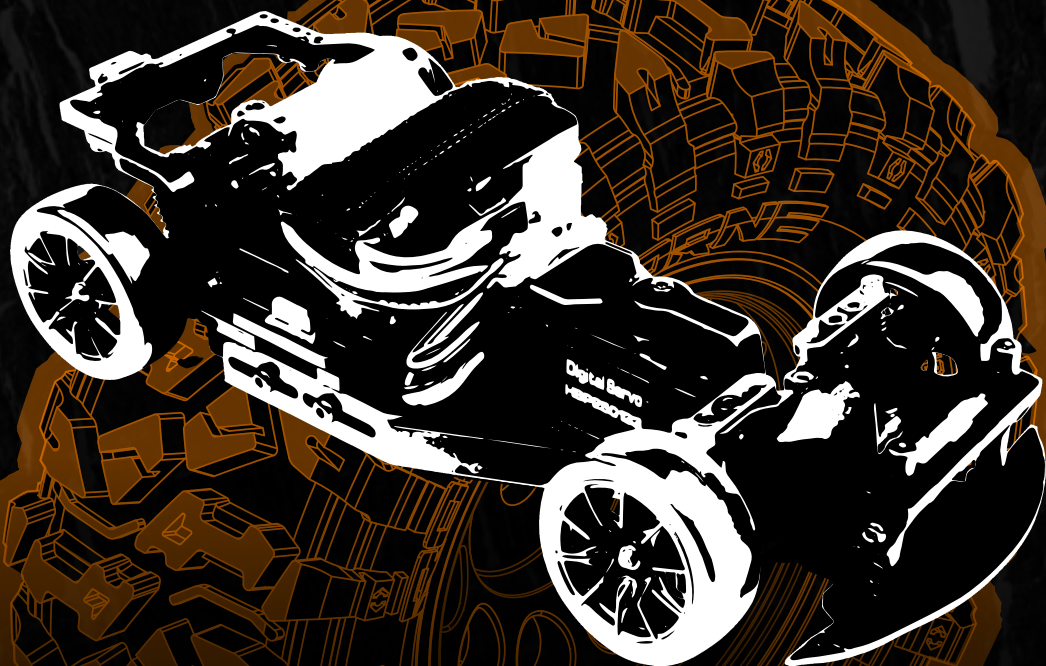


UG

ステージ
STAGE D24
User Guide



**STOP AT
NOTHING.**

WWW.HPIRACING.COM



En

161002-006-UG

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 | <p>Please do not run on a public street, this could cause serious accidents, personal injuries and/or property damage.</p> <p>Please do not run near pedestrians or small children.</p> |
| Before Operating | <p>Make sure that all screws and nuts are properly tightened.</p> <p>Always use fresh batteries for your transmitter and receiver to avoid losing control of the model.</p> <p>Please confirm the neutral throttle trigger position.</p> |
| After Running | <p>Turn OFF receiver first, then turn OFF transmitter.
This will prevent the car from losing control.</p> <p>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.</p> |
| 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. |

Contents

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STAGE D24

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3-2	Wheelbase Adjustment	19

Additional Information

QS	Quick Start Guide	 + 
TG	Technical Guide	 + 
BI	Body Installation	 + 
SG	Startup Guide	
RM	Transmitter Manual	
EM	ESC Manual	
UG	This Guide	
i	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.

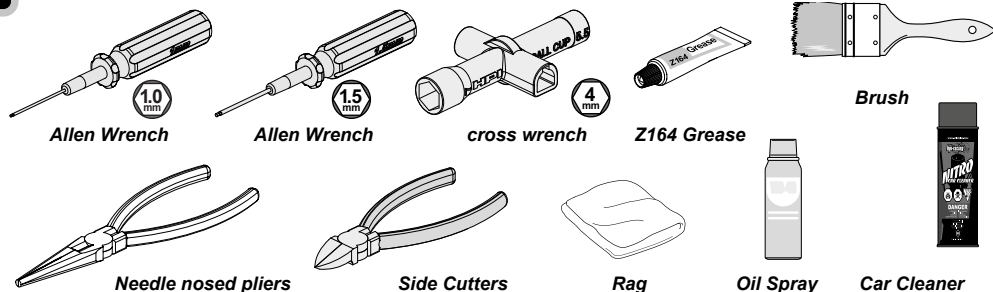
1 Troubleshooting

ステージ
STAGE D24

If RC car does not move or you have no control, see below

Problem	Cause	Remedy
Does Not Move.	Battery is not placed properly in the transmitter.	Place batteries in the transmitter properly.
	Weak or no battery in model.	Install charged battery.
	Damaged motor.	Replace with new motor.
	Frayed or broken wiring.	Splice and insulate wiring completely.
	ESC is shut down by heat protection circuit.	Stop driving immediately, do not drive the car until the Speed Controller cools down.
No Control.	Weak or no batteries in transmitter or model.	Install charged or fresh batteries.
	Neutral position or trim is incorrect.	Adjust the steering trim.
	Binding Setup is incorrect.	Make sure binding is setup properly.
Steering and Throttle Function Reversed.	Servo reverse switch is in the wrong position.	Set to correct position.
	Wires from ESC to motor are improperly connected.	Re-connect the motor.

Recommended Tools



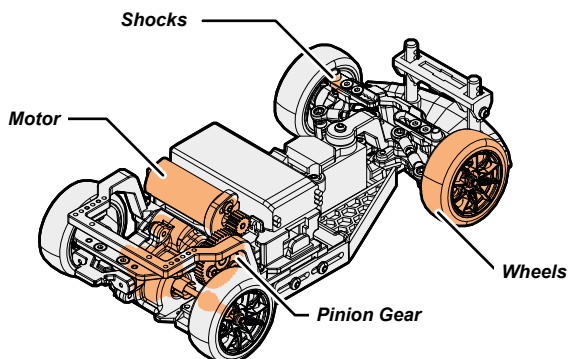
Maintenance Schedule

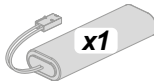
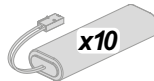
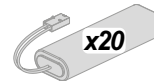
For maintenance schedule, refer to chart.

After running, clean the chassis and check all moving parts for damage. If any parts are broken or damaged, repair or replace them before the next run. Regular maintenance is necessary to prevent damage to the car and maintain its performance.

❗ Refer to sellable number to purchase parts.

❗ Look for any damaged parts.



Every Pack.	Every 10 Packs.	Every 20 Packs.	Maintenance Item	Section Reference	
 x1	 x10	 x20		 ??	
☒	☒	☒	Chassis Maintenance	PG 6	2-1
☒	☒	☒	Wheel Maintenance	PG 7	2-2
		☒	Motor and Pinion Gear Replacement	PG 8	23
		☒	Drivetrain Maintenance	PG 9	2-3
		☒	Shock Maintenance	PG 12	2-5
		☒	Radio Maintenance		RM

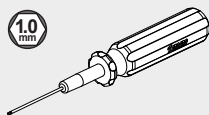
2-1 Chassis Maintenance

After running, clean the car and lubricate metal to metal contacts. Replace damaged parts, and check that all the screws are tight.

1

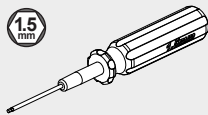


1.0
mm

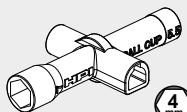


Allen Wrench

1.5
mm

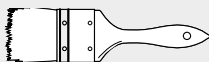


Allen Wrench



4
mm

Cross Wrench



Brush



Rag



Car Cleaner



Oil Spray

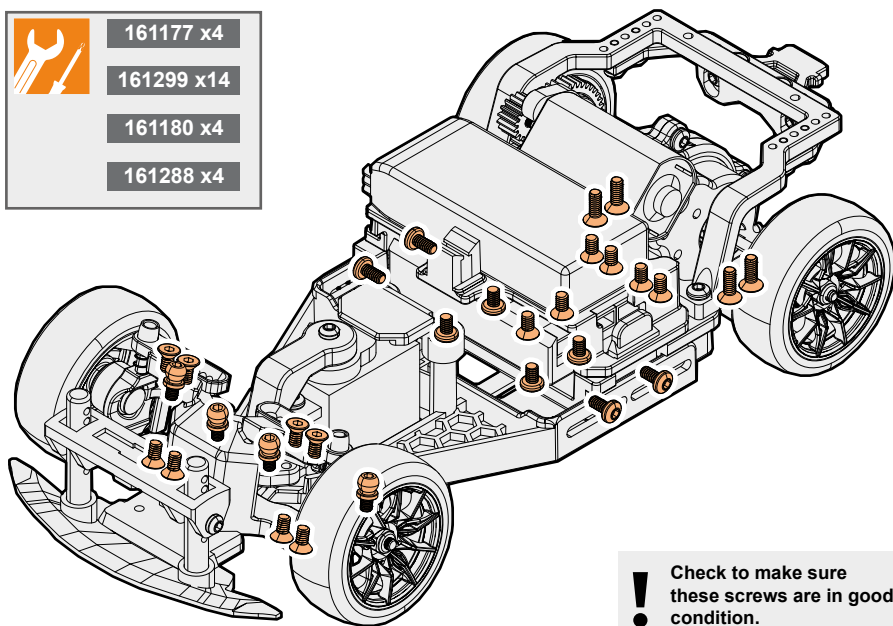


161177 x4

161299 x14

161180 x4

161288 x4

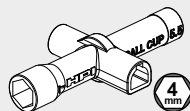


Check to make sure these screws are in good condition.

1. Steering knuckle screws.
2. Chassis screws

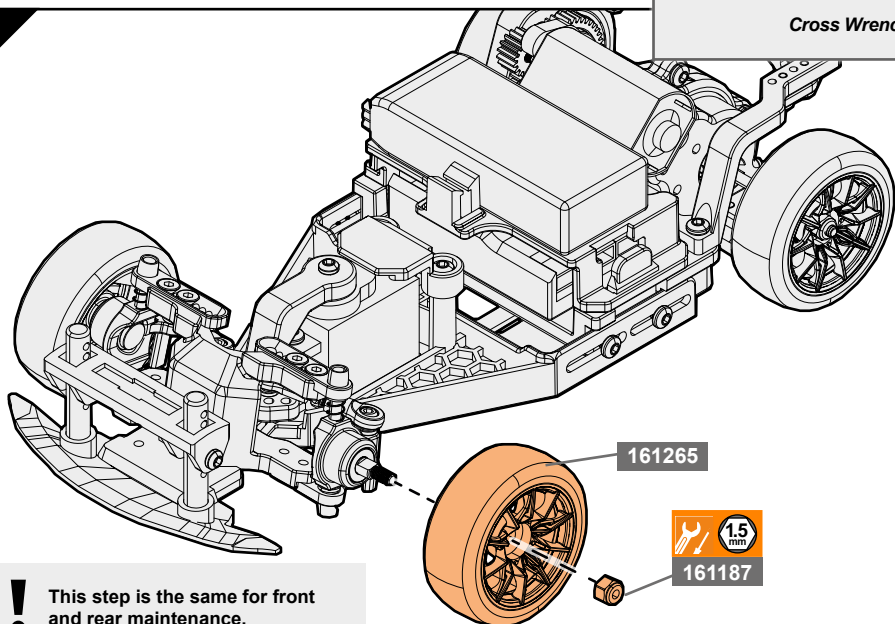
2-2 Wheel Maintenance

Make sure the tires are secured on the wheels.



Cross Wrench

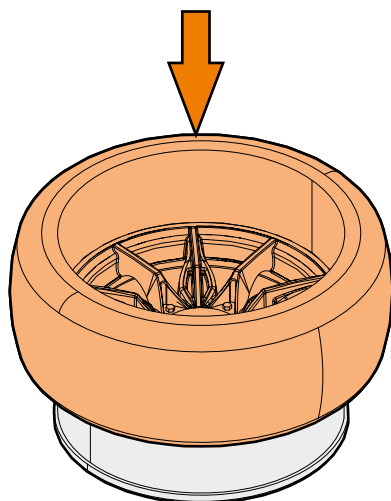
1



This step is the same for front and rear maintenance.

2

Re-seat tire if necessary

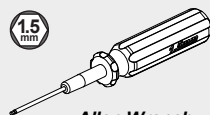


2-3 Motor and Pinion Gear Maintenance

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

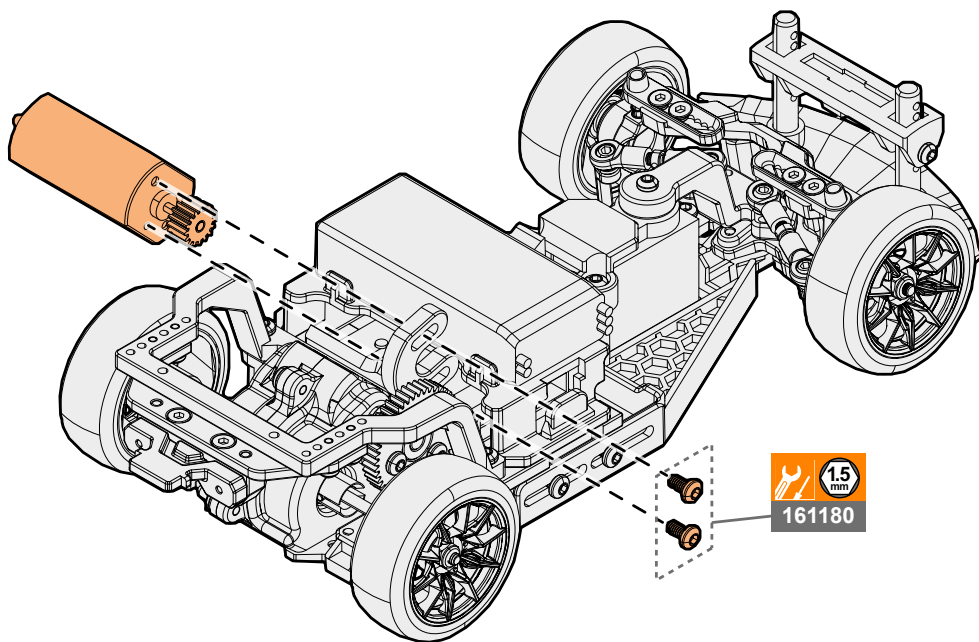


1.5 mm



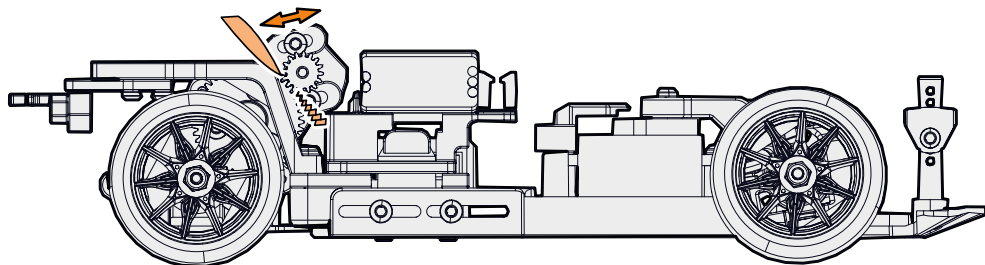
Allen Wrench

1



2

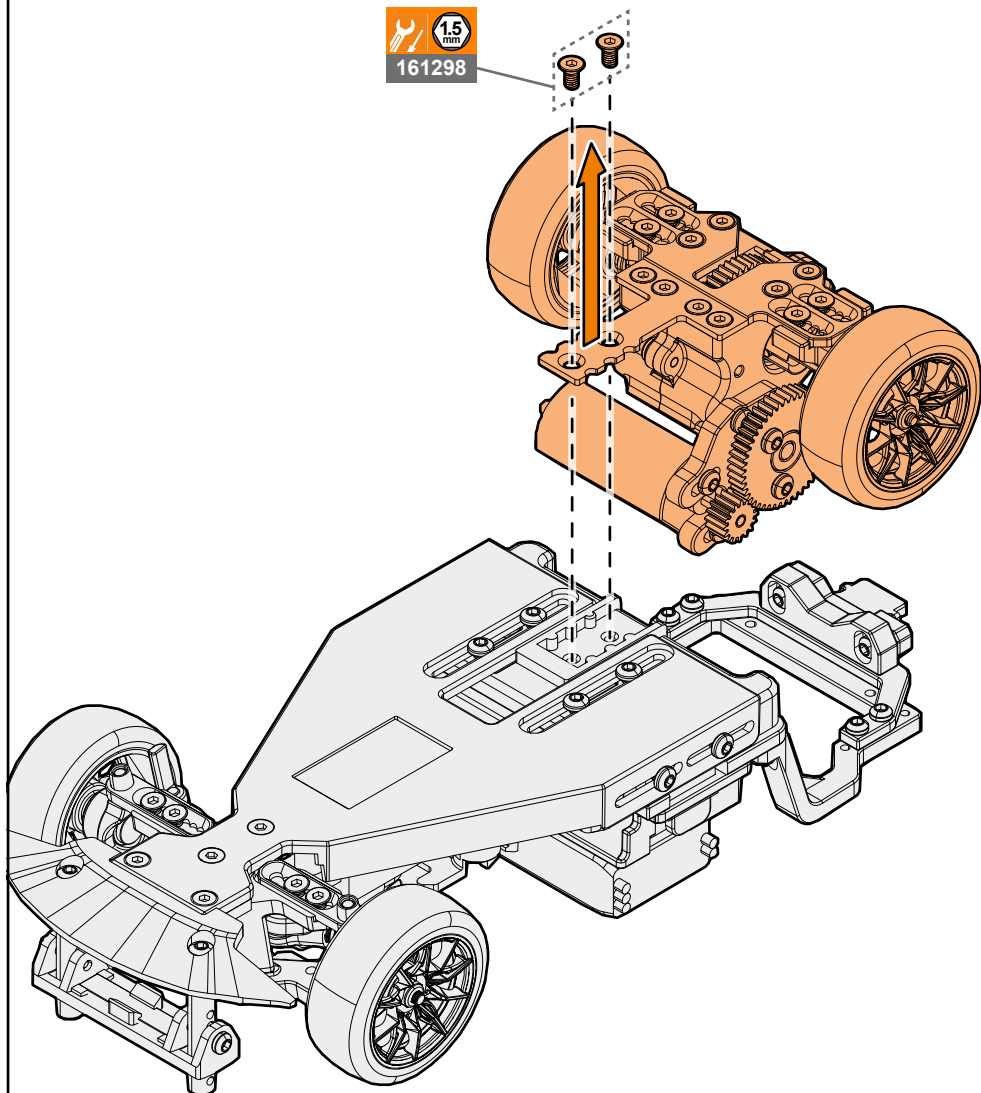
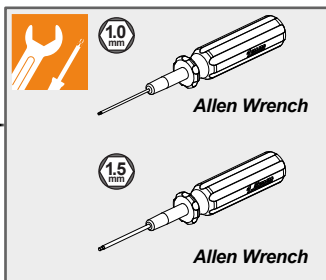
Adjust the motor position to achieve the correct gear mesh. To set the gear mesh correctly, place a piece of paper between the gears and tighten the motor mount screws. Incorrect gear mesh may damage the spur gear.



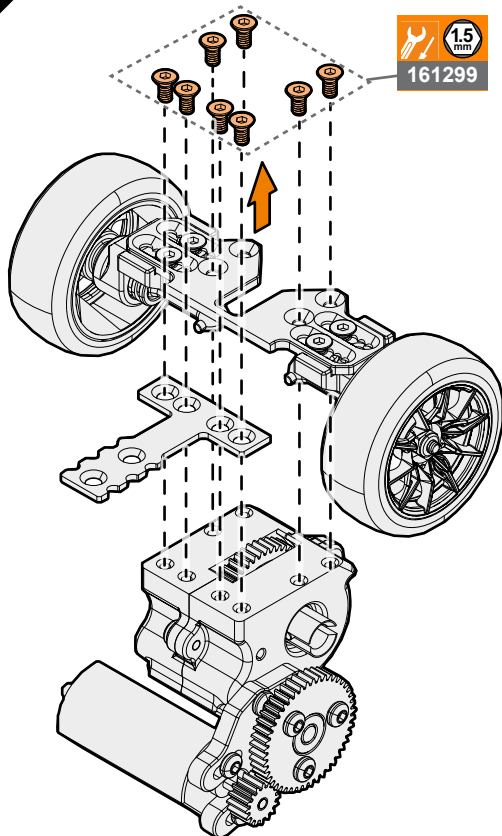
2-4 Drivetrain Maintenance

Inspect for gear wear. Repair or replace if necessary.

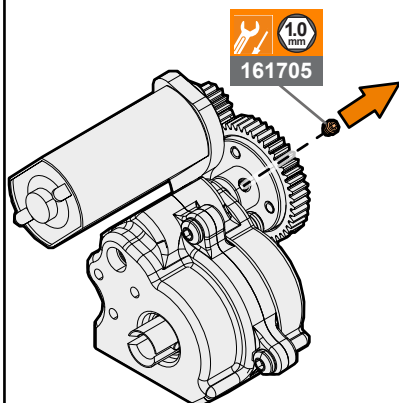
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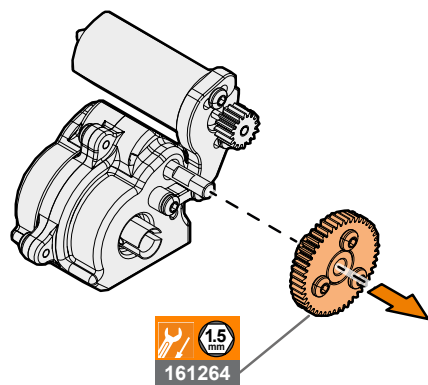
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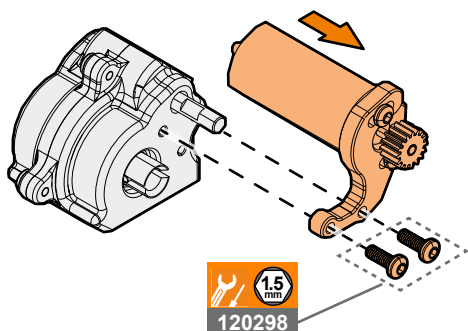
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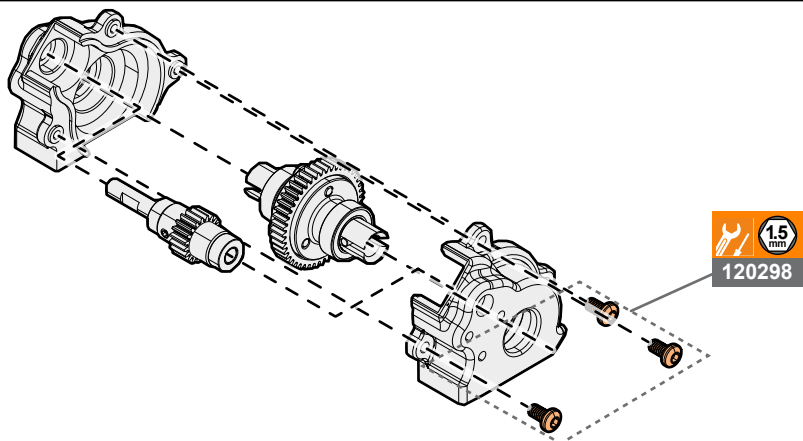
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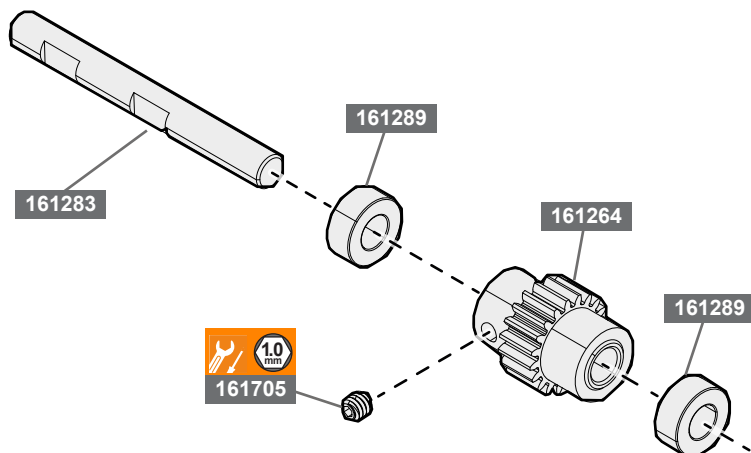
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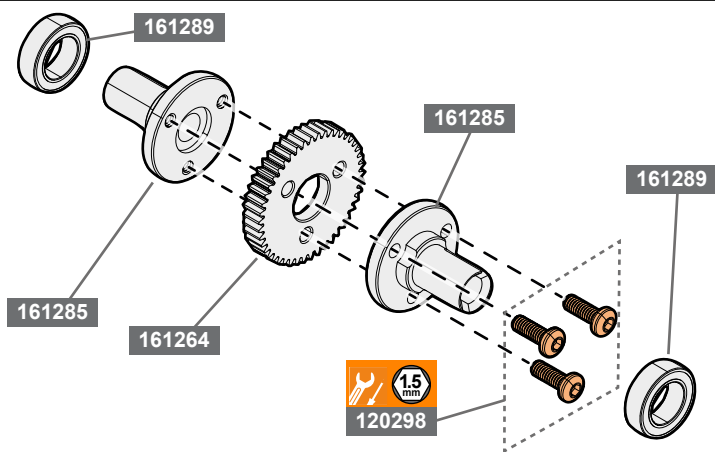
6



7

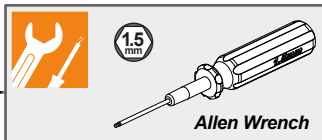


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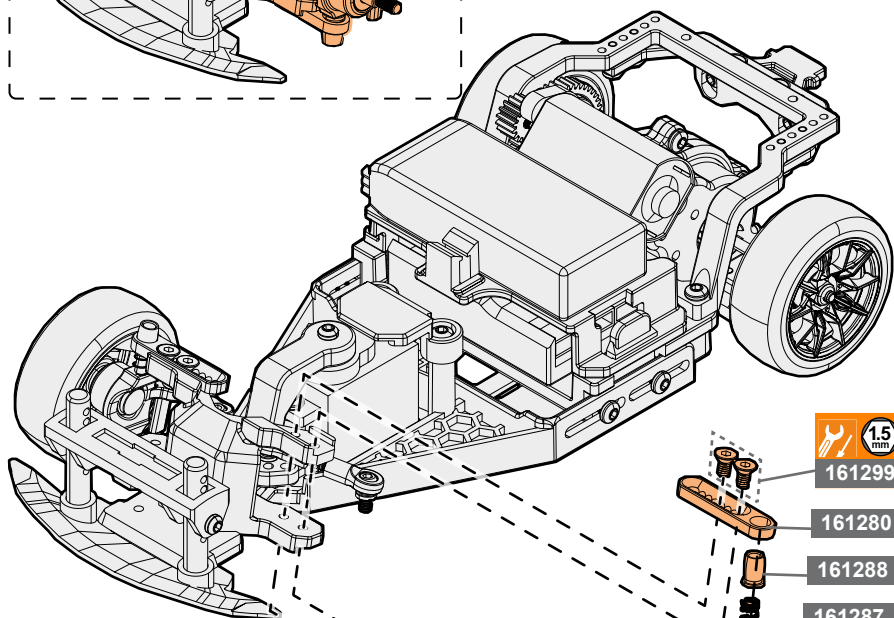
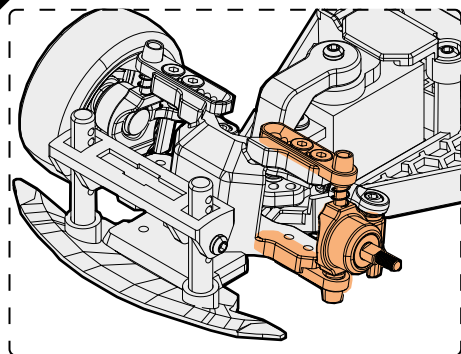


2-5 Shock Maintenance

Inspect shocks for damaged or worn parts.
Repair or replace if necessary.



1



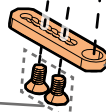
161280

161288

161287



161288



161280



! This step is the same for left and right.

3 Setup/Customisation

ステージ D24

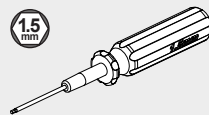
3-1 Track Width Adjustment

Track Width: Affects drift stability and rotation. A wider track provides greater stability, while a narrower track allows quicker transitions and easier rotation.

Track Width can also be adjusted to suit different body-shell widths and wheel fitment.



1.5 mm

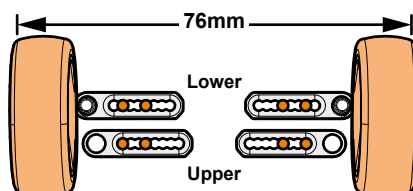
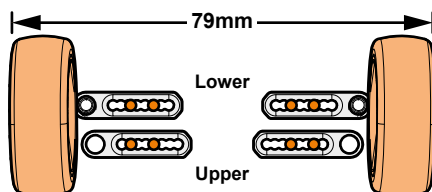
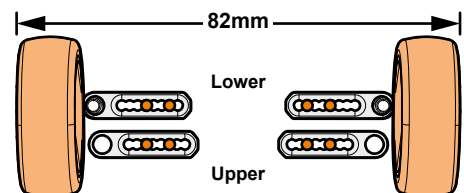
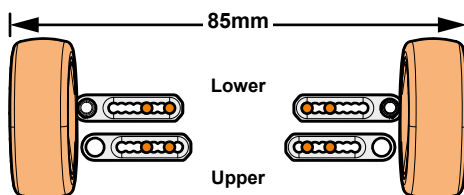
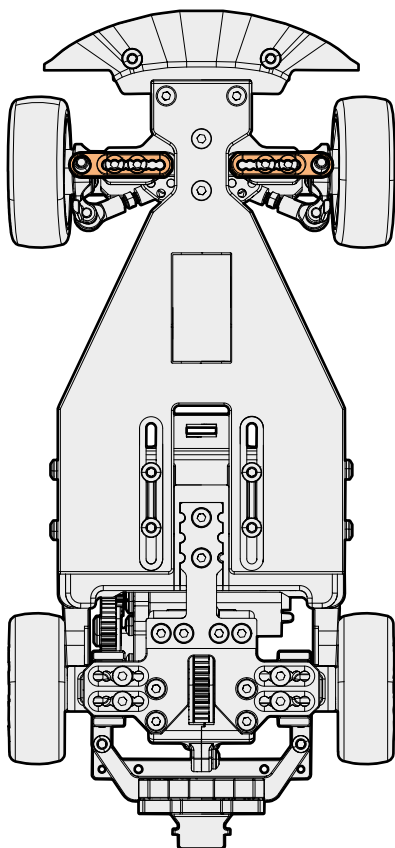


Allen Wrench

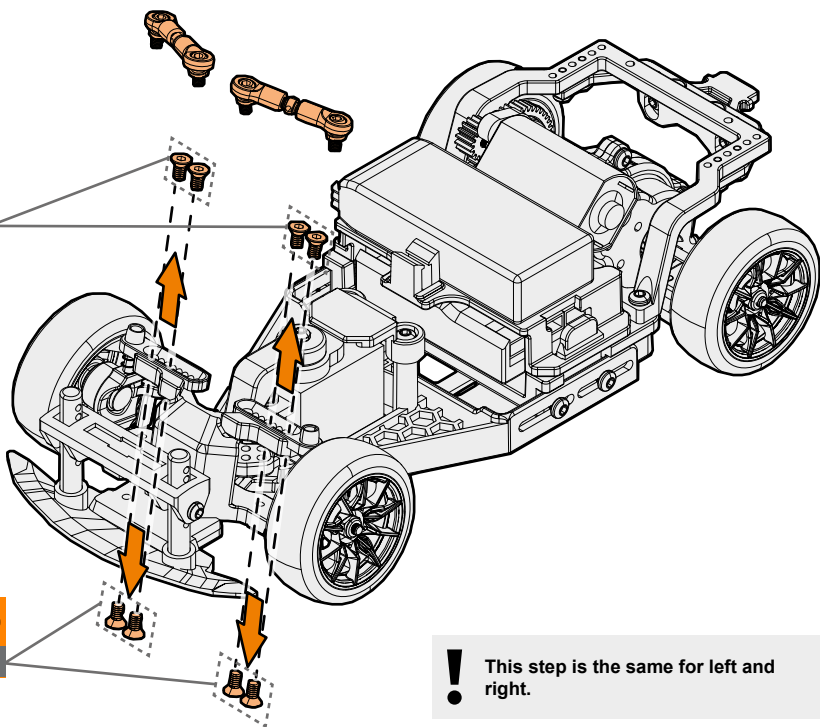
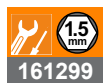
3-1-1 Front Axle

1

Chose the desired front wheel track width



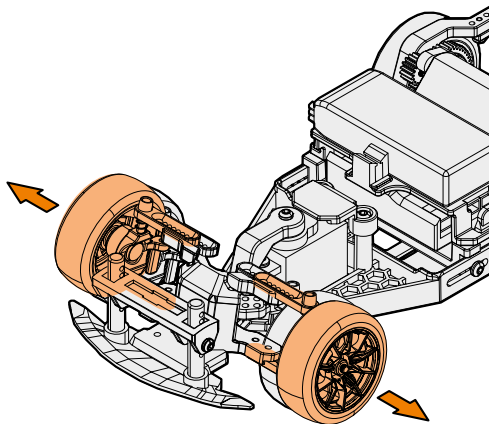
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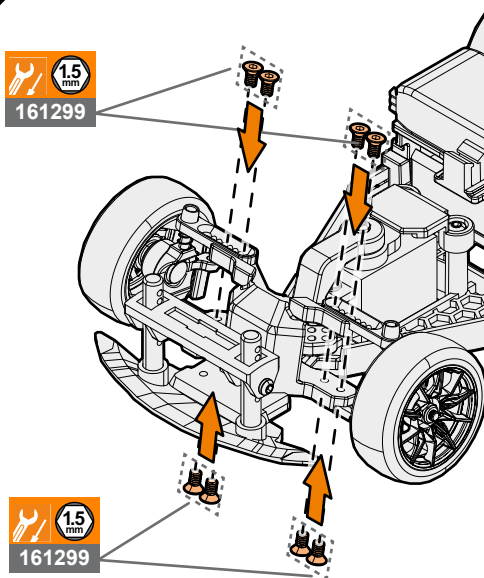
! This step is the same for left and right.

3

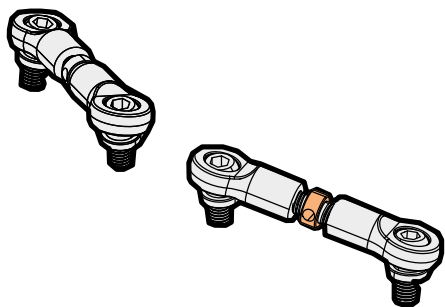
Set to desired position from Step 1



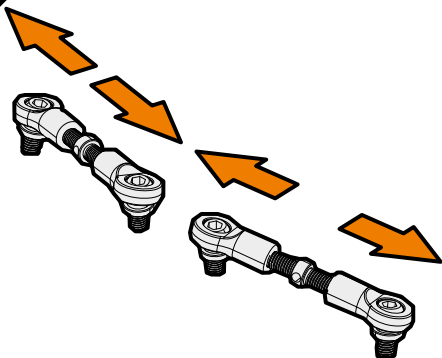
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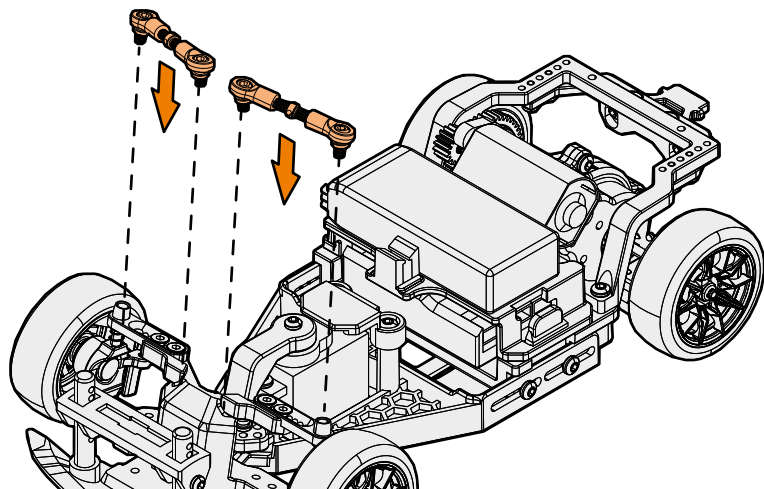
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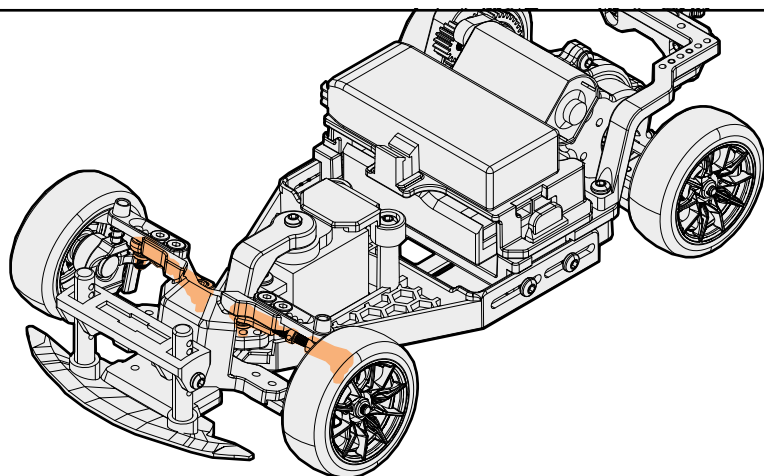
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7



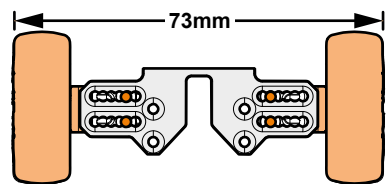
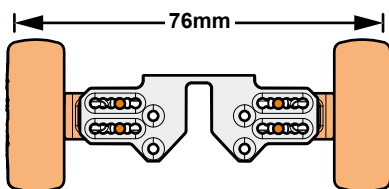
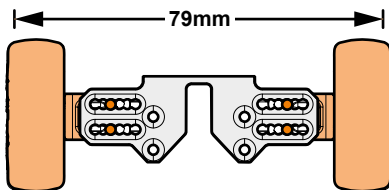
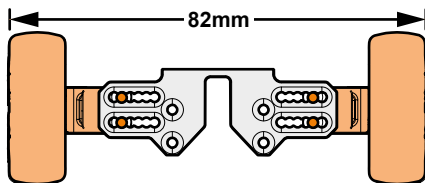
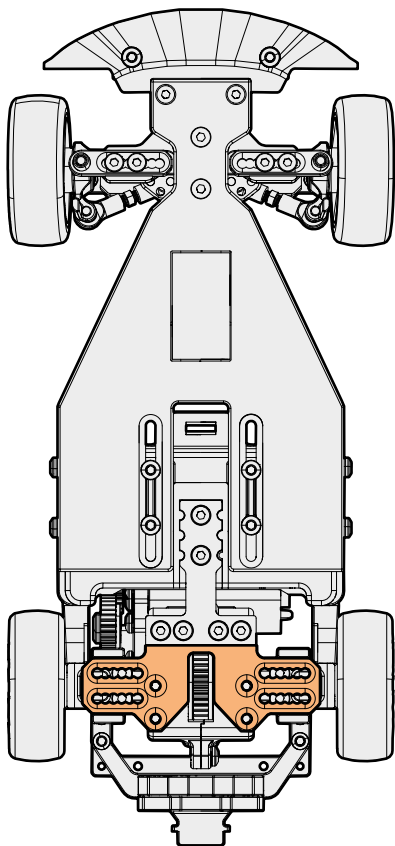
8



3-1-2 Rear Axle

1

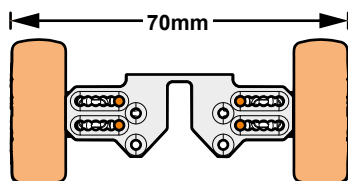
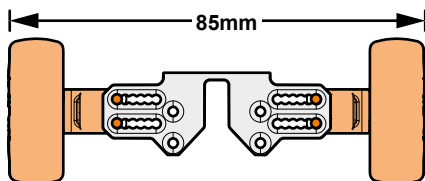
Chose the desired rear wheel track width



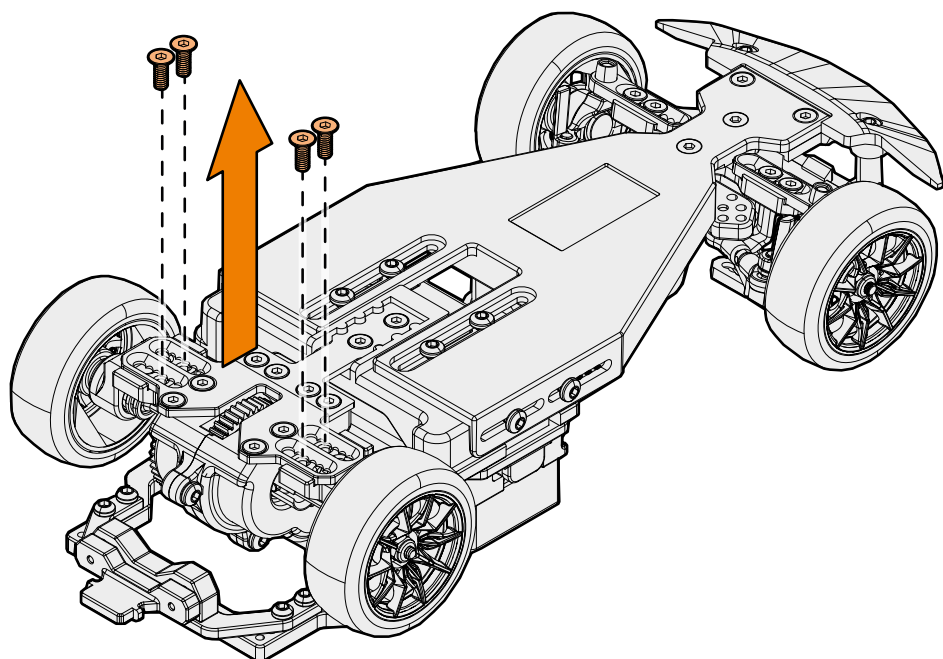
The widest and narrowest positions are not compatible with the supplied driveshafts.



Alternative driveshafts are required to use these positions.

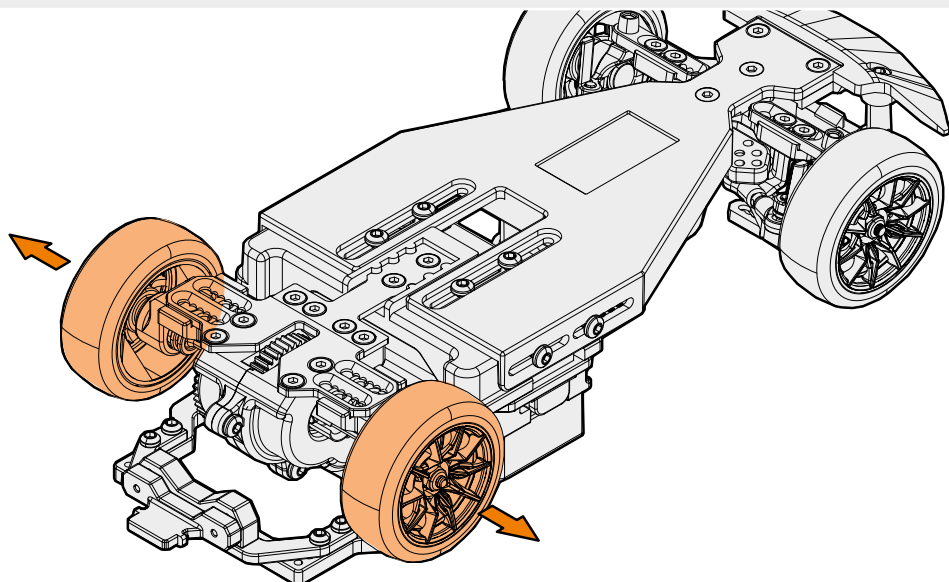


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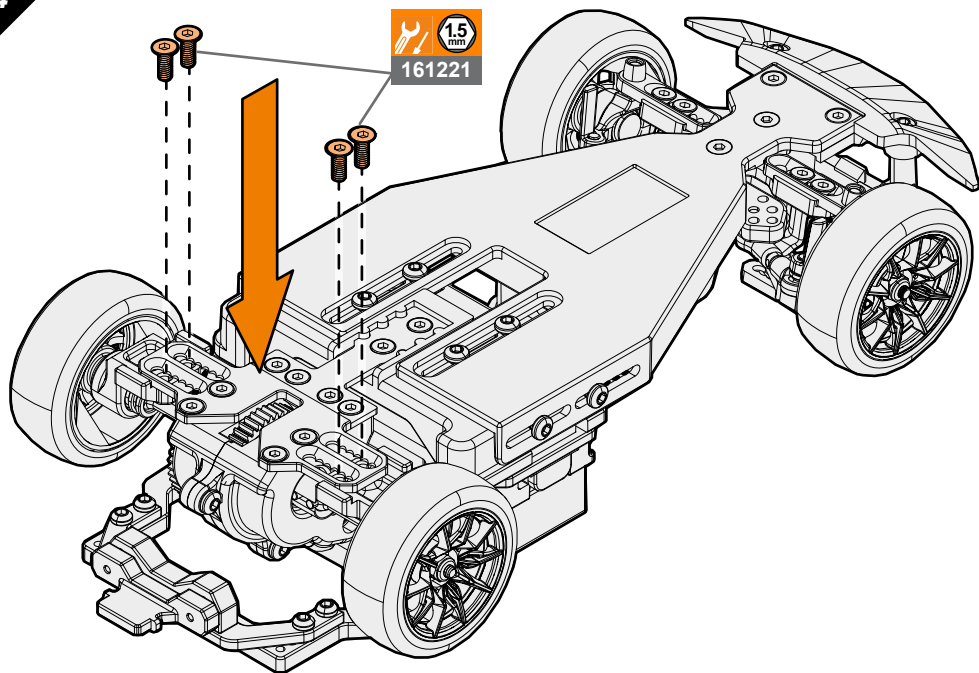


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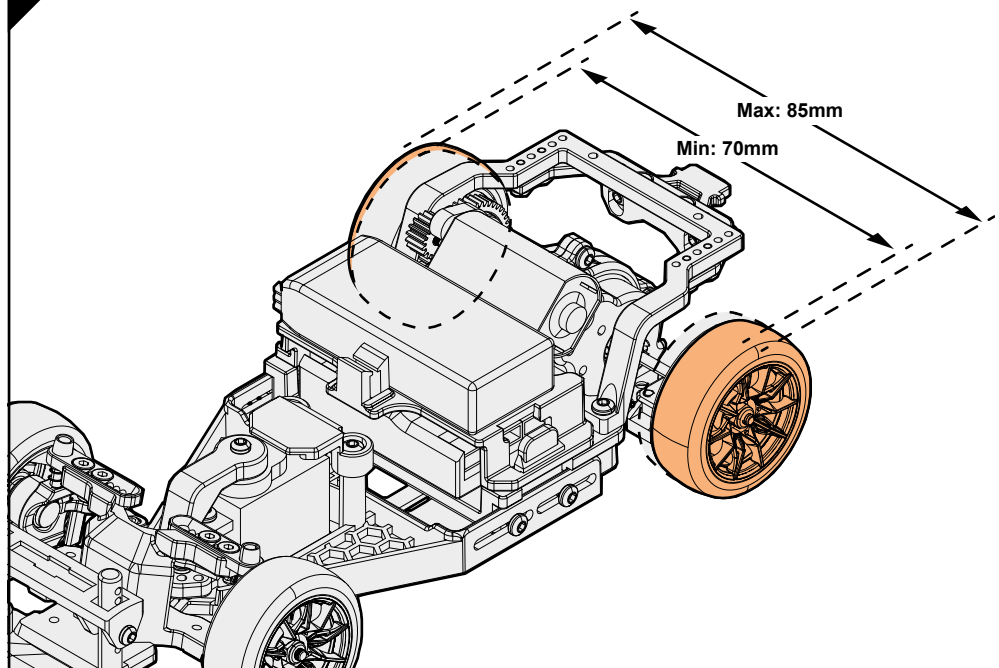
Set the wheels to desired position from Step 1



4



5

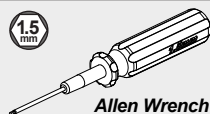


3-2 Wheelbase Adjustment

The wheelbase length can be adjusted to suit different bodies.



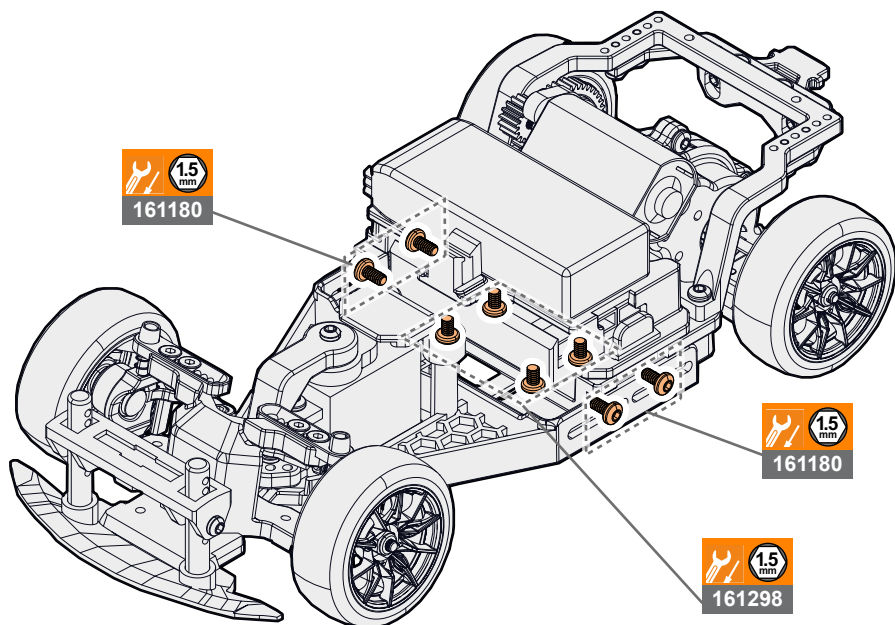
1.5
mm



Allen Wrench

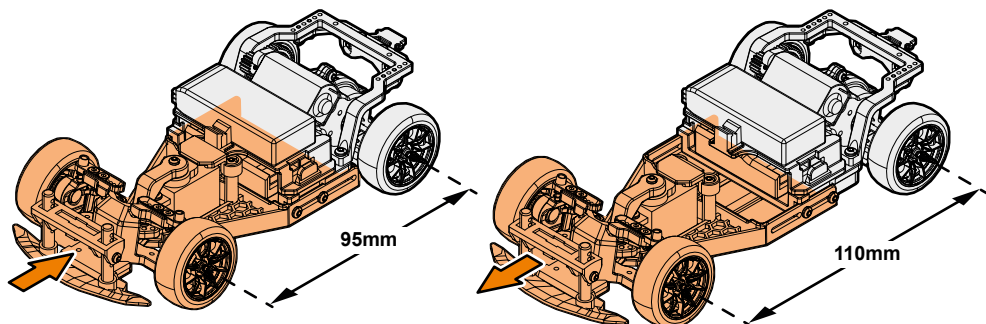
1

Loosen off all the screws shown so that front of chassis can be pulled forward



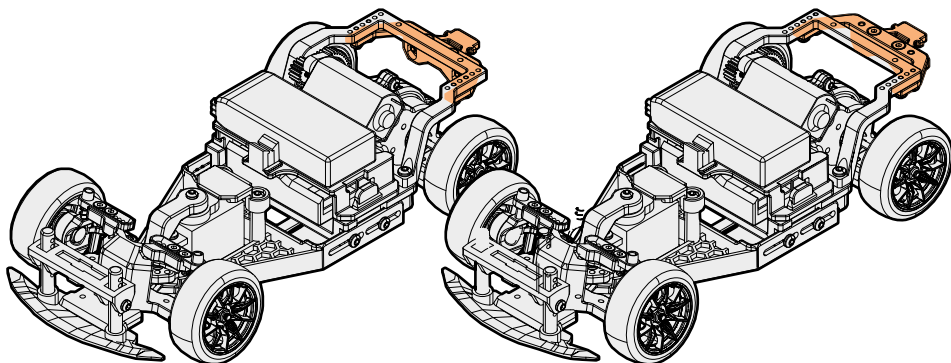
2

Set Wheel base length and re-tighten all screws

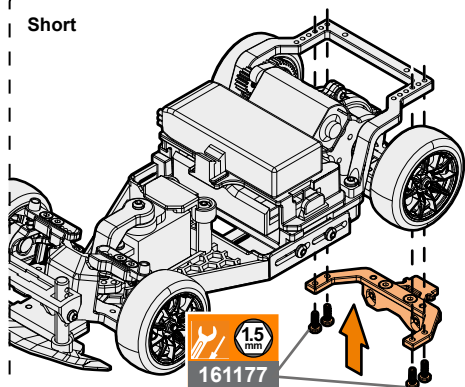


3

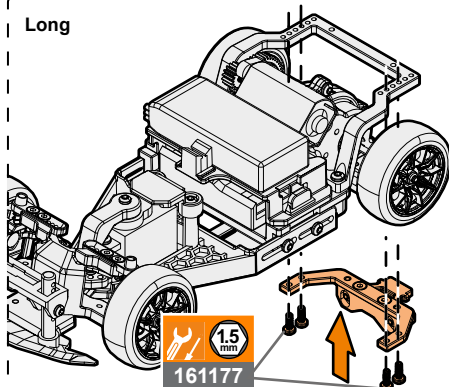
Choose Rear Clip position to suit body by removing the screws, adjusting, then re-tightening screws.



Short

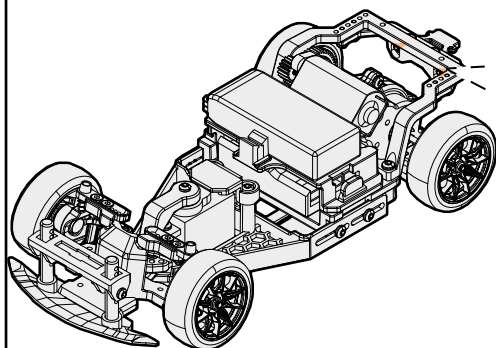


Long

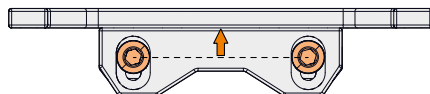


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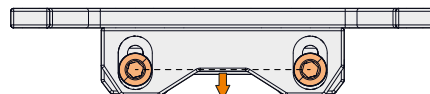
Choose Rear Clip height to suit body by loosening off the screws, adjusting, then re-tightening screws.



High



Low





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

Serial Number
Seriennummer
Numéro de série
シリアルナンバー

