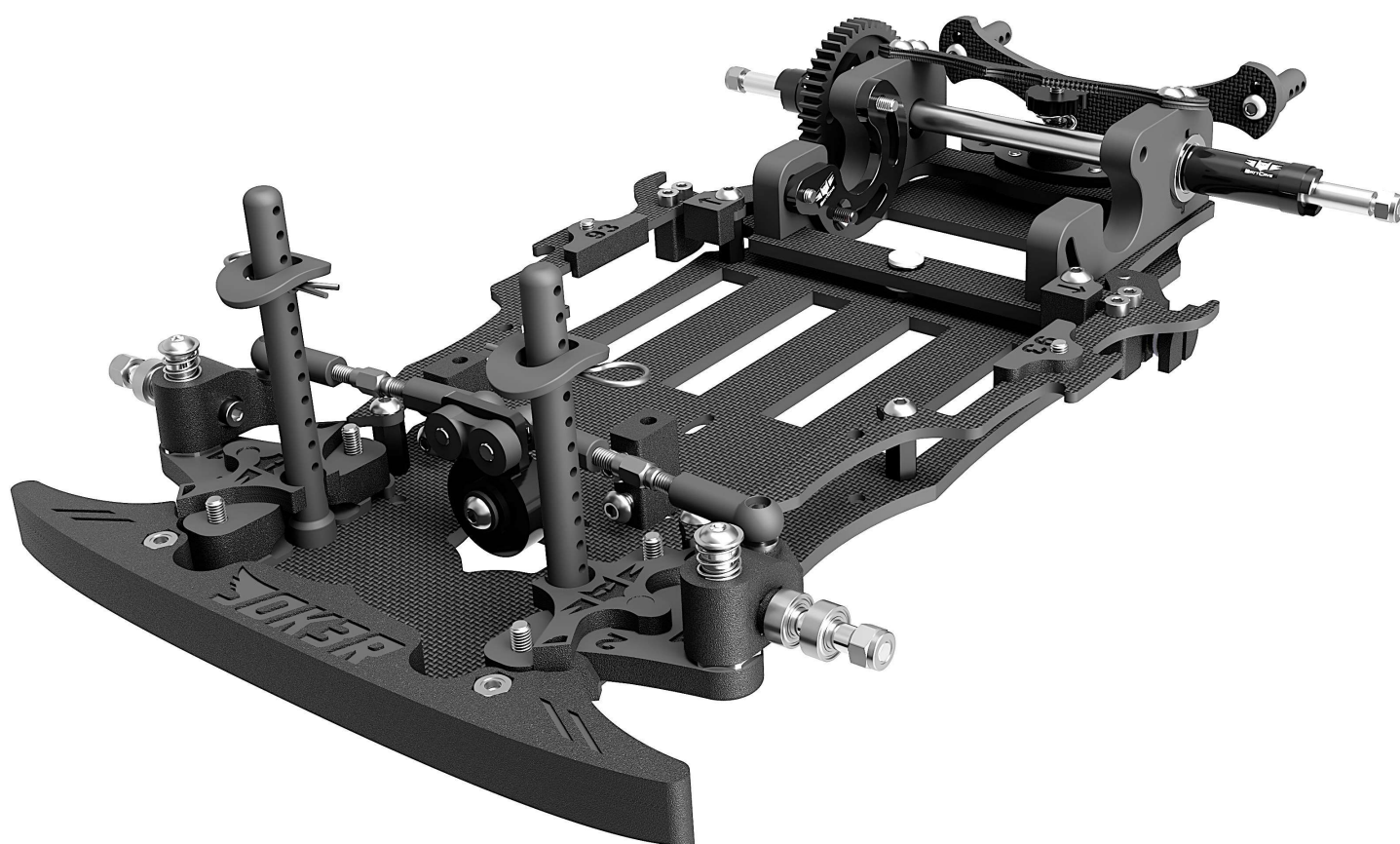




JOK3R+

REDEFINING MINI RACING



INSTRUCTION MANUAL

JOK3R-SPORT – JOK3R-S

JOK3R-GRP – JOK3R-R

JOK3R-CARBON – JOK3R-C

JOK3R-T7075 – JOK3R-A

VERSION 1.0

2026 Edition



Welcome to the JOK3R+

The **JOK3R+** is the latest evolution of the JOK3R platform, building on the proven design with further refinements developed through continued testing, racing and feedback. **This latest update** brings improvements to performance, durability and ease of use, while retaining the simplicity and versatility that define the JOK3R.

Whether you're building your first JOK3R or upgrading from the original platform, this manual will guide you through assembly, setup and maintenance to help you get the very best from your **JOK3R+**

WARNING – AGES 14+ This product is a competition-grade RC car kit intended for persons aged 14 years and over.



This is not a toy. Contains small parts. Keep away from young children.



Assembly required. Read the full assembly instructions and safety information before assembly and use.

Kit Includes	Before You Start – Build Checklist	
JOK3R Slider Kit	RS-540 Motor & Pinion	☐
King Pin Spanner	ESC	☐
Ride Height Gauge	Steering Servo	☐
Band Tool	Radio System	☐
Spare Parts	Battery & Charger	☐
Aqua Response Side Bands	Body Shell	☐
	Wheels & Tyres	☐
Please check with your local club for approved motors, tyres and regulations.		



Need Help?

Visit www.battcave.co.uk for downloads, setup guides, spare parts and support.
You can also contact us via the BattCave Facebook page.



Recommended Tools & Supplies

1.5 mm Hex Driver

2.0 mm Hex Driver

4 mm Turnbuckle Wrench

5.5 mm Nut Driver

Blue Threadlock & Silicone Oil

Assembly Tips

Install screws into plastic by hand. Do not use powered screwdrivers.

Tighten the screw to approximately 90% of its final depth, then allow the plastic to cool for around 30 seconds before fully tightening.

Tighten screws only until secure.

Apply blue threadlock only where specified.

Periodically check screws in high-load areas.



IMPORTANT SAFETY INFORMATION

WARNING – AGES 14+

The JOK3R is a competition-grade RC racing car kit intended for persons aged 14 years and over.

THIS IS NOT A TOY.

Contains small parts. Keep away from young children.

ASSEMBLY & PRE-USE CHECKS

Read and fully understand the complete JOK3R instructions and safety information before beginning assembly or use.

Take appropriate care when using hand tools or sharp instruments during assembly. Follow the assembly instructions carefully and ensure all components and fasteners are correctly installed.

Inspect the completed vehicle before each use. Check that fasteners, steering, suspension, wheels and drivetrain components are secure and operating correctly.

Do not use damaged, loose or excessively worn components. Replace them before further use.

SAFE OPERATION

The completed vehicle is capable of moving at high speed. Operate it only in a suitable and controlled area, maintaining a safe distance from people, animals, traffic and other hazards.

Before operation, check that the steering and throttle respond correctly to the transmitter controls.

Keep hands, hair, loose clothing and other objects clear of wheels, gears, axles and other moving or rotating components while the vehicle is powered.

Before carrying out adjustment, maintenance or repair, ensure any power source fitted to the vehicle is disconnected.

Motor and drivetrain components fitted to the completed vehicle may become hot during operation. Allow them to cool before handling.

ADDITIONAL EQUIPMENT

The JOK3R is supplied as a slider kit and requires additional equipment and components to complete the vehicle. See the Build Checklist on Page 1 for details.

Ensure all additional equipment fitted is suitable for its intended application and is installed and operated in accordance with the respective manufacturer's instructions and safety information.

COMPETITION USE

The JOK3R is designed primarily for use in organised RC racing.

The user is responsible for the correct assembly, maintenance and safe operation of the completed vehicle and for complying with the rules and safety requirements of the venue, club or racing organisation where it is used.

We recommend that anyone operating an RC vehicle has appropriate third-party liability insurance. UK racers should consider membership of the British Radio Car Association (BRCA) or another organisation providing appropriate insurance cover.

IMPORTANT

The full JOK3R instructions and safety information are provided digitally. Keep access to these instructions for future reference.

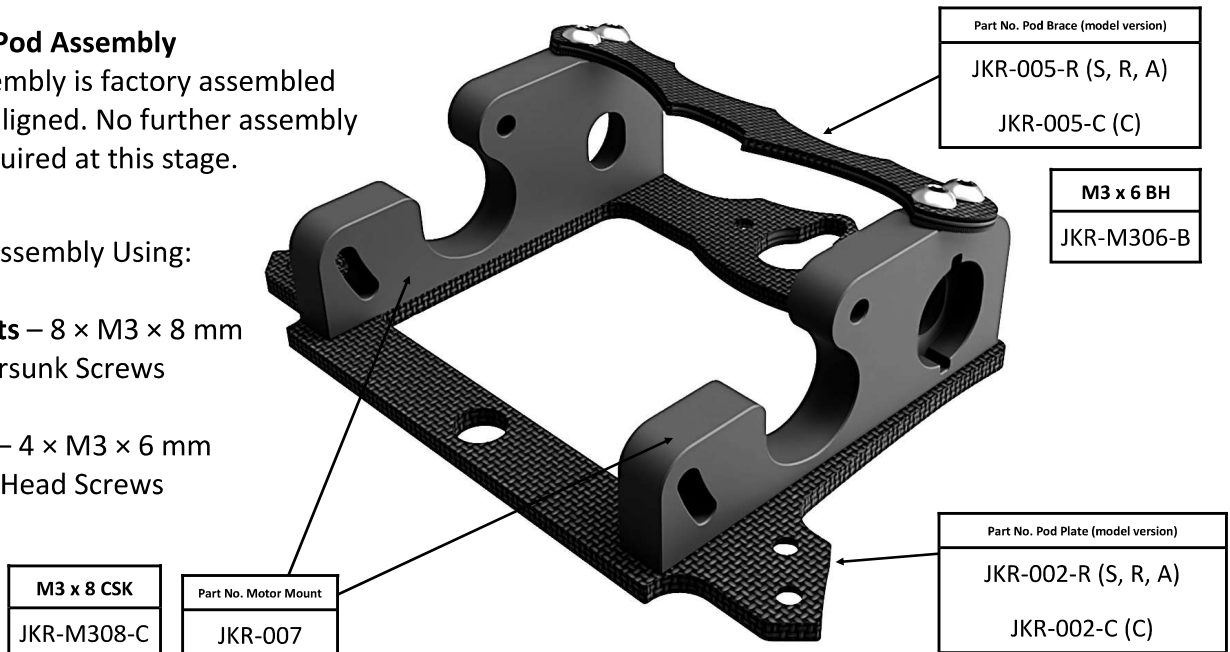
1. Pod Assembly

The Pod Assembly is factory assembled and correctly aligned. No further assembly is required at this stage.

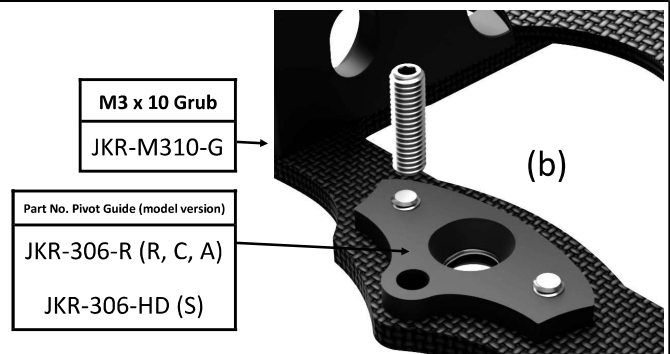
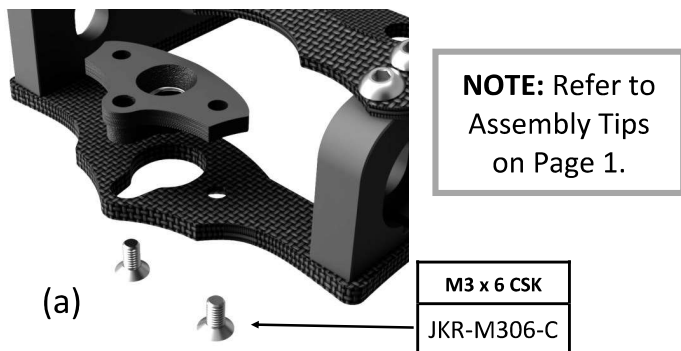
Factory Assembly Using:

Motor Mounts – 8 × M3 × 8 mm
Countersunk Screws

Top Brace – 4 × M3 × 6 mm
Button Head Screws

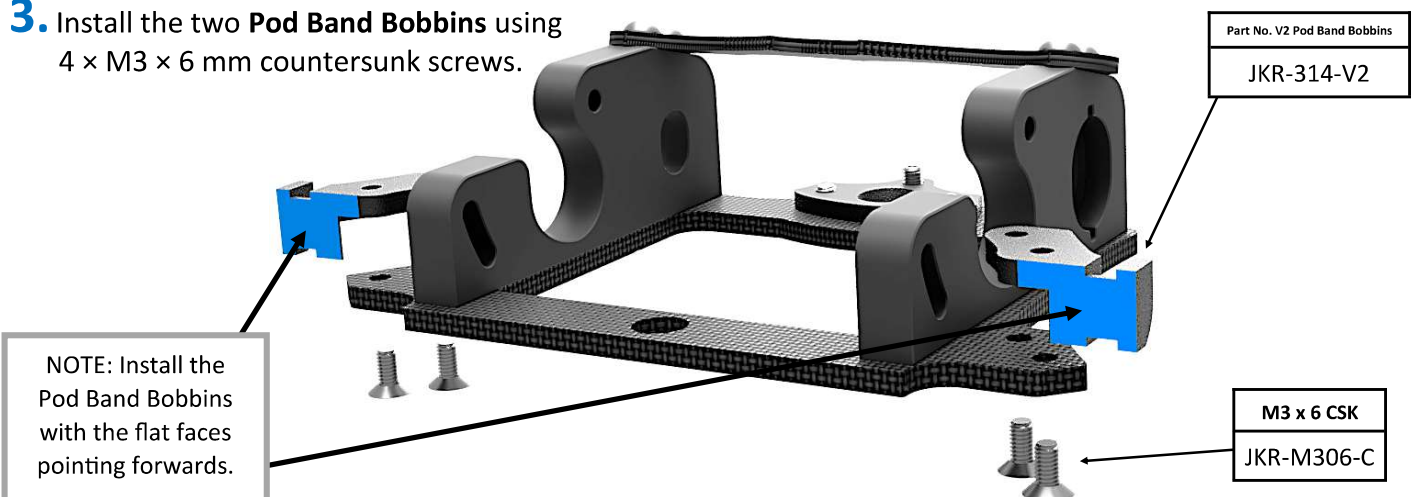


2(a). Install the Pod Pivot Guide using 2 × M3 × 6 mm countersunk screws.

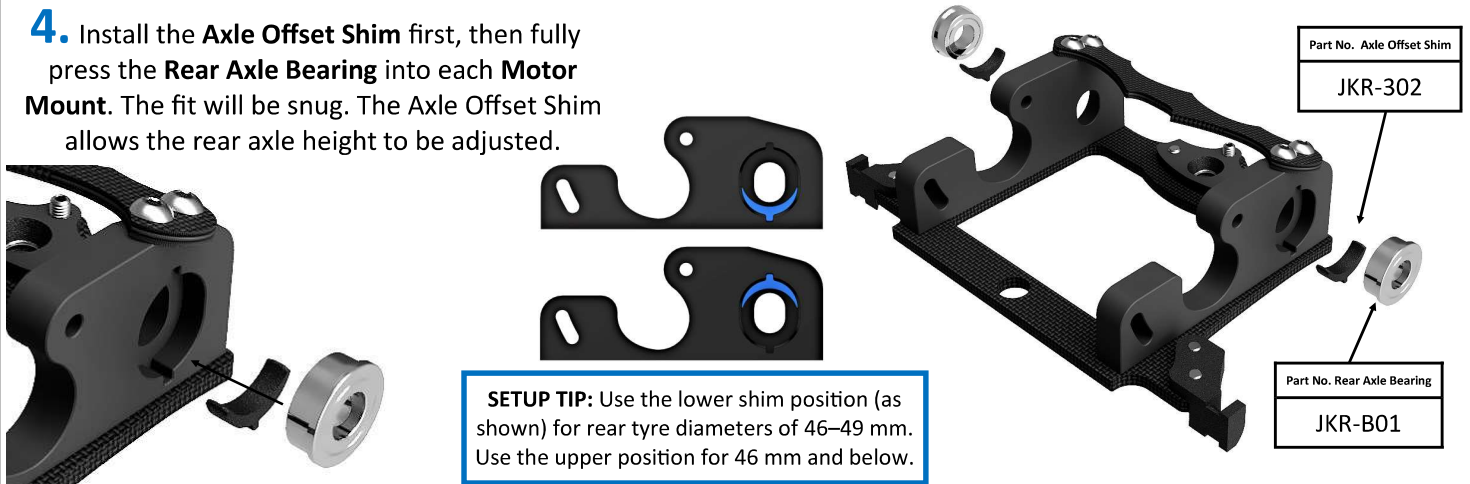


2(b). Set the M3 × 10 mm Droop Grub Screw into the Pod Pivot Guide.

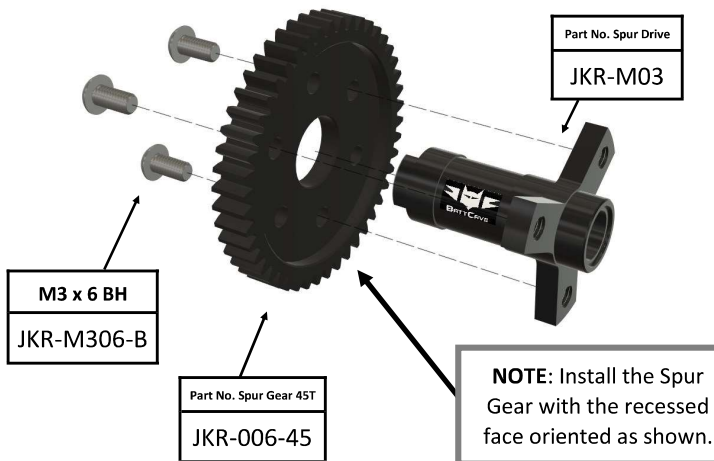
3. Install the two Pod Band Bobbins using 4 × M3 × 6 mm countersunk screws.



4. Install the **Axle Offset Shim** first, then fully press the **Rear Axle Bearing** into each **Motor Mount**. The fit will be snug. The Axle Offset Shim allows the rear axle height to be adjusted.



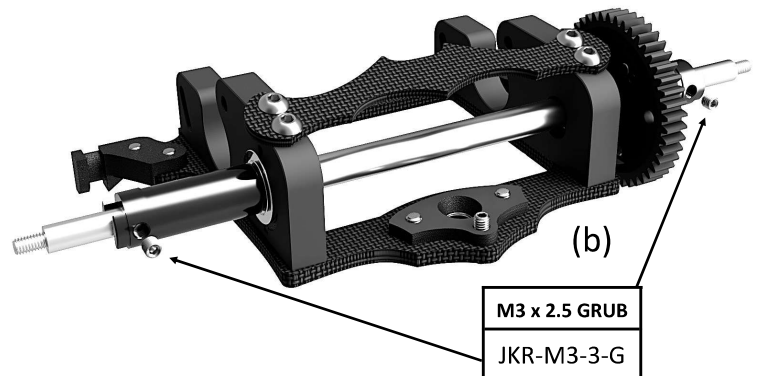
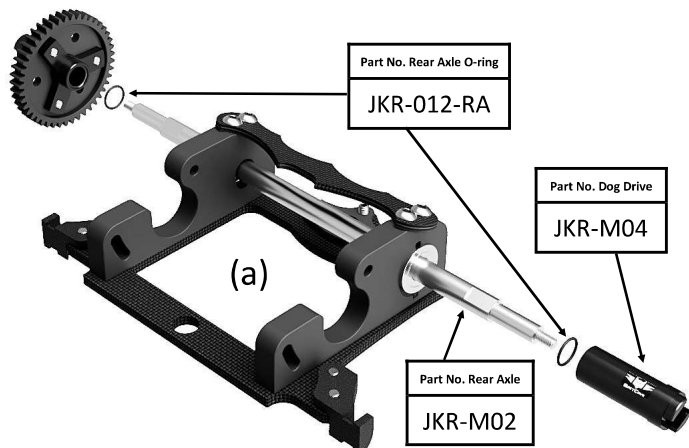
5. JOK3R-S Kit: Skip to Step 6a Install the Delrin **Spur Gear** onto the **Spur Drive**, then secure it using 3 × M3 × 6 mm button head screws.



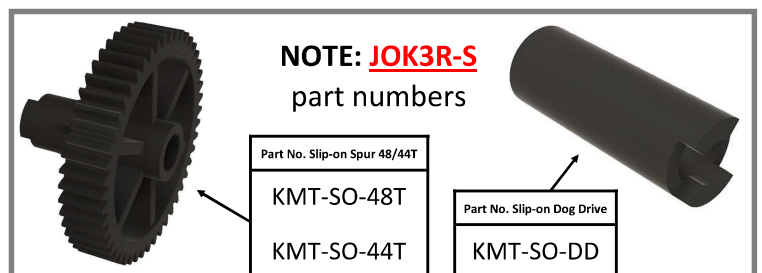
TECH TIP: Alternative Spur Gear sizes are available. Visit www.battcave.co.uk for details.



6(a). Insert the **Rear Axle** through the bearings. Fit an **O-ring** to each side, then install the **Spur Drive Assembly** and **Dog Drive**. Ensure both are fully seated. The **JOK3R-S** uses a moulded single-piece **Slip-on Spur Gear** and **Dog Drive** for this step. **NOTE:** The assembly may be fitted in either orientation.



6(b). **JOK3R-S Kit:** Skip this step Secure each drive using one M3 × 2.5 mm grub screw.



7. Complete Steps 7–10, then repeat for the opposite (mirrored) side.

Pull the **Hex King Pin** into the **Front A-Arm** using an M3 × 8 mm wide head screw. The fit should be snug. Use the supplied **King Pin Spanner** to prevent the King Pin from rotating while tightening if needed.

NOTE: The **Chassis** retains the original A-Arm mounting positions, allowing the original JOK3R A-Arms to be fitted for full cross-compatibility with all JOK3R-R kit variants.

TECH TIP: Kit Front A-Arms are supplied in the Short, 2° Caster, 1° Camber configuration and are clearly marked for easy identification.

Alternative tuning options are available. Visit the www.battcave.co.uk website for details!

Part No. Short A-Arm 2° caster, 1° camber

JKR-3A21-S

Part No. King Pin V2

JKR-M07-V2

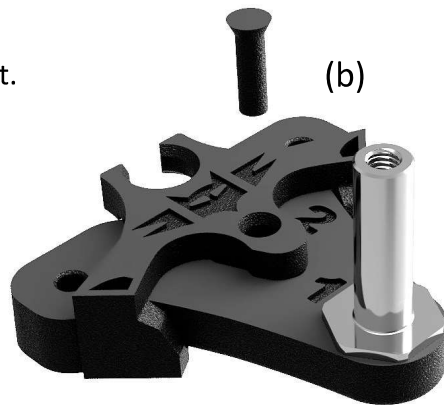
M3 x 8 WH

JKR-M308-W

8(a). Press the **Rubber Limiter** fully into the Front A-Arm cut-out.



(b)



8(b). Press the **Rubber Limiter Pin** into the Rubber Limiter to secure it in place.

NOTE: The **Rubber Limiter** acts as an impact absorber, helping to dissipate heavy impacts and protect the surrounding components.

Part No. Short Arm Rubber Limiter

JKR-309-SA

9. Your **JOK3R** kit is supplied with the **Front Hubs** and **Front Axles** pre-assembled. This step is shown for reference.

Insert the Front Axle into the Steering Hub. Secure it using an M2.5 × 8 mm wide head screw and M2.5 shake washer.

Part No. Steering Hub (L+R)

JKR-305-(L/R)

Part No. Front Axle

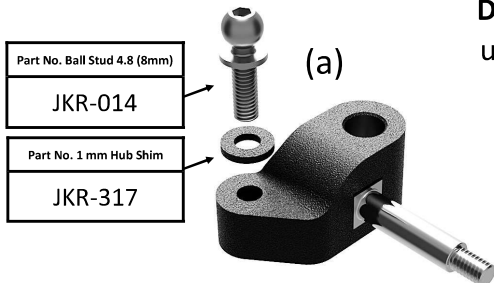
JKR-M05

M2.5 x 8 CH + Shake washer

JKR-M208-B

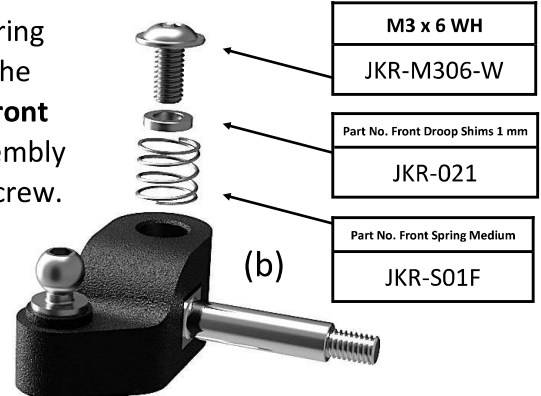
NOTE: A shake washer provides sufficient screw retention. For added security, a small amount of blue threadlock may be applied to the tip of the screw.

10(a). Secure the Ball Stud to the Steering Arm using the supplied 1 mm Hub Shim.



10(b). Slide the assembled Steering Arm onto the King Pin. Install the Spring, followed by one **1 mm Front Droop Shim**, then secure the assembly using an M3 × 6 mm wide head screw.

TECH TIP: Tune front droop by adjusting the number of shims used.

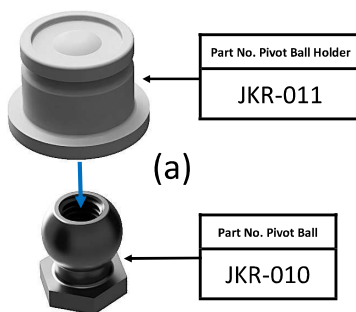


NOTE: The supplied 1 mm Hub Shim is the recommended starting point. Additional shims are included for tuning.

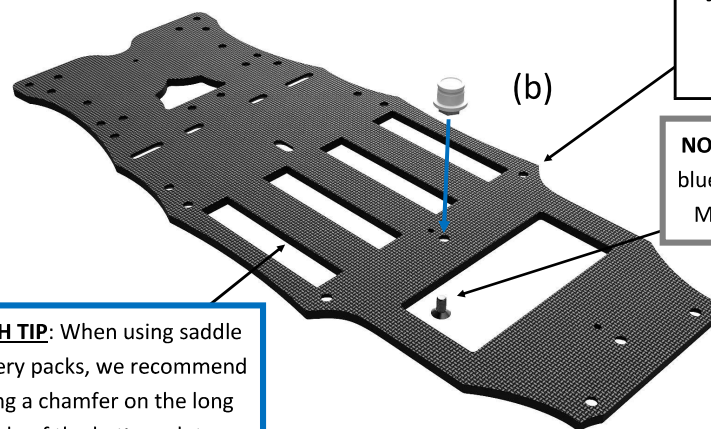
TECH TIP: Kit Front Springs are **Medium**. Other tuning options are available. Visit the www.battcave.co.uk website for details!

TECH TIP: Apply a small amount of silicone oil to the King Pin for smoother operation. Different oil viscosities can be used to tune damping.

11(a). Snap the **Pivot Ball** into the **Pivot Ball Holder** before attaching the assembly to the Pod.



11(b). Attach the Pivot Assembly to the Chassis using one M3 × 6 mm Countersunk Screw.



NOTE: Apply a small amount of blue threadlock to the tip of the M3 × 6 mm Pod Pivot screw.

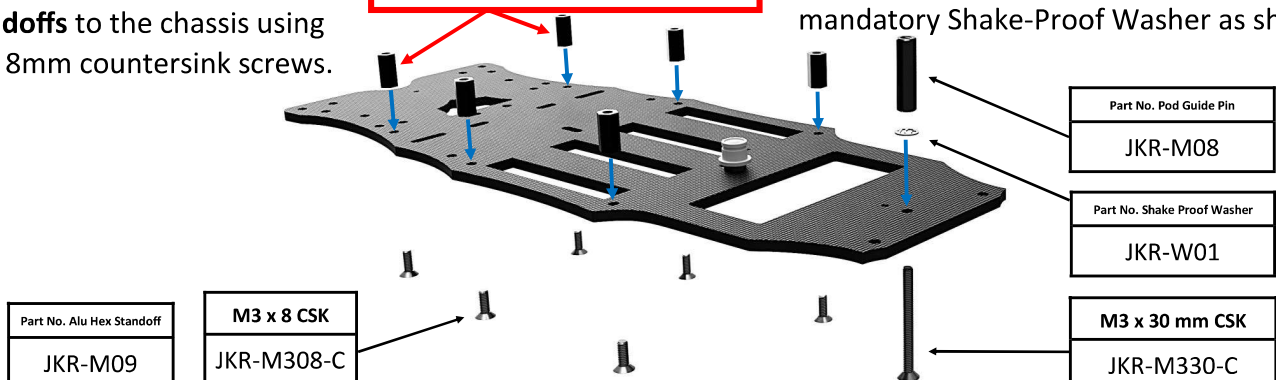
TECH TIP: When using saddle battery packs, we recommend filing a chamfer on the long side of the battery slots.

M3 x 6 CSK
JKR-M306-C

12(a). Attach the 6 (4 for the **JOK3R-S**) **Aluminium Hex Standoffs** to the chassis using M3 x 8mm countersink screws.

NOTE: The front two Hex Standoffs are not used on the **JOK3R-S**

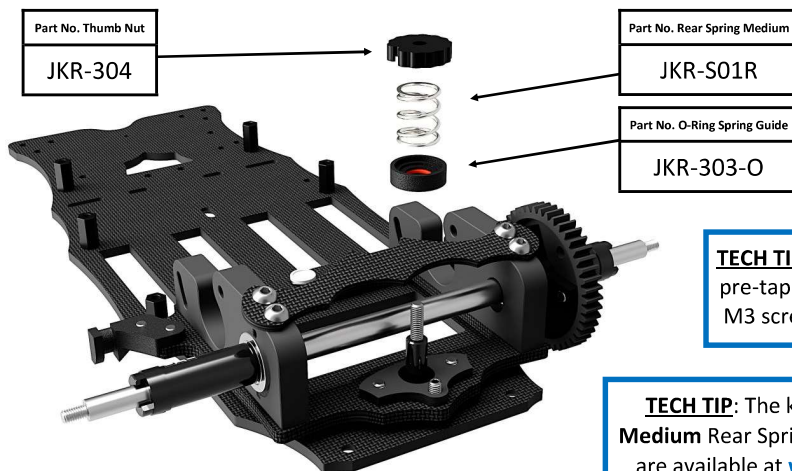
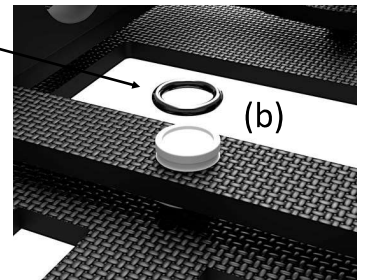
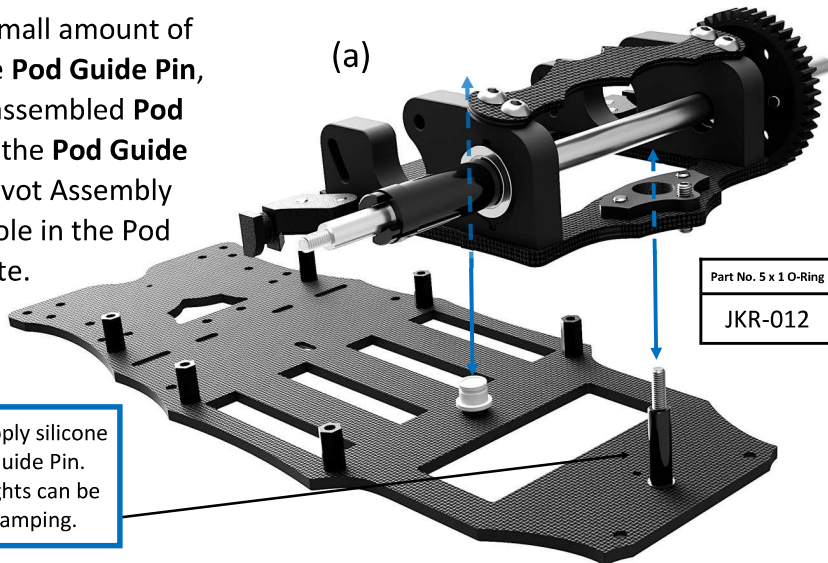
12(b). Attach the **Pod Guide Pin** using an M3 × 30 mm Countersunk Screw, with the mandatory Shake-Proof Washer as shown.



13(a). Apply a small amount of silicone oil to the **Pod Guide Pin**, then slide the assembled **Pod Assembly** onto the **Pod Guide Pin** and Pod Pivot Assembly through the hole in the Pod Plate.

13(b). Secure the **Pod Assembly** with the **O-Ring**, ensuring it is fully seated.

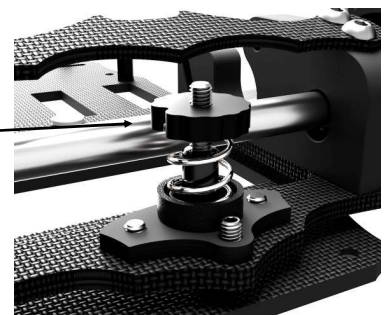
TECH TIP: Apply silicone oil to the Pod Guide Pin. Different oil weights can be used to tune damping.



14. Slide the **O-Ring Spring Guide** and **Spring** onto the Guide Pin. Then finally, install the **Thumb Nut** clockwise.

TECH TIP: We recommend you pre-tap the thumb nut using a M3 screw before installation.

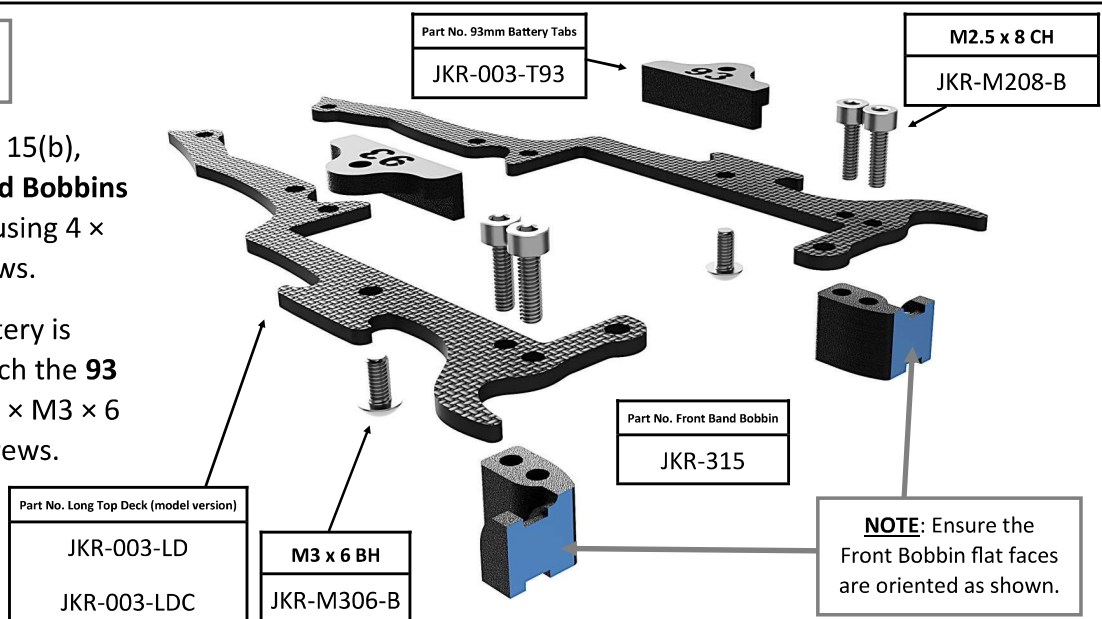
TECH TIP: The kit is supplied with a **Medium** Rear Spring. Alternative springs are available at www.battcave.co.uk



NOTE: For batteries longer than 93 mm, do not install the tabs.

15(a). **JOK3R-S** Skip to 15(b), Attach the two **Front Band Bobbins** to the **Long Top Decks** using 4 x M2.5 x 8 mm screws.

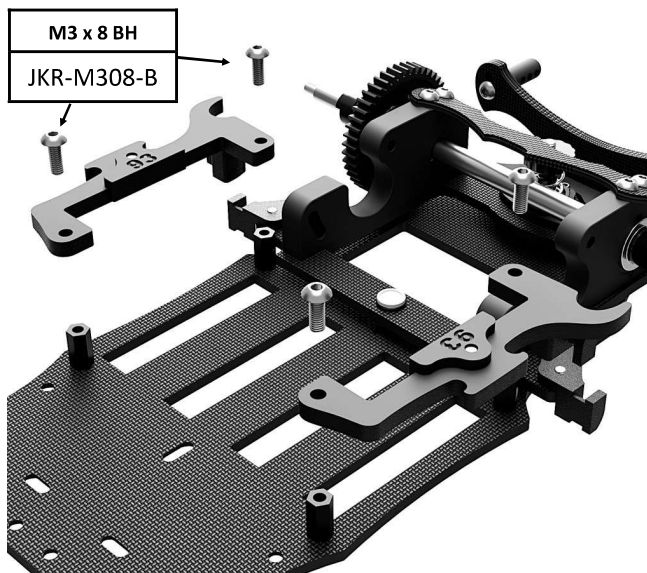
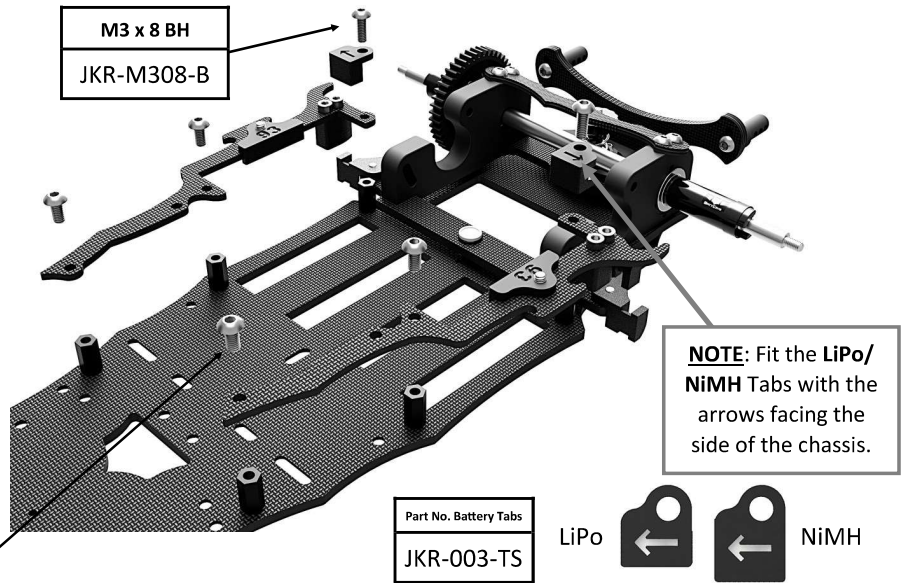
15(b). If your LiPo battery is shorter than 93mm, attach the **93 mm Battery Tabs** using 2 x M3 x 6 mm button head screws.



16(a). JOK3R-S skip to 16(b), Attach the **two Long Brace assemblies** to the Hex Standoffs using 4 × M3 × 6 mm button head screws.

Secure the two **LiPo/NiMH Tabs** using 2 × M3 × 8 mm button head screws.

Two LiPo/NiMH offset Tabs are supplied to suit LiPo (wide) and NiMH (narrower) batteries. Fit the Tabs at the rear for a forward battery position, or the front for a rearward battery position.



16(b). JOK3R-S ONLY. Install the integrated **Battery Bobbin Braces** to the four Hex Standoffs using 4 × M3 × 8 mm button head screws. This simplified design positions the battery in the central position only.

TECH TIP:
The **3D Bobbin Brace** can be fitted to any JOK3R chassis as a tuning option to increase chassis flex.

Part No. 3D Bobbin Brace Pair
JKR-003-97S



17. Set the Band Bobbin Gap

The **Band Bobbins** are designed to have a small amount of free movement.

Loosen the four highlighted screws slightly.

JOK3R-S, Loosen the two Pod Bobbin screws slightly.

Insert the kit-supplied 1.5 mm Front Ride Height Shim between the flat faces of the Band Bobbins, gently pinch the bobbins together, then retighten the screws.

Repeat for the opposite side.



TECH TIP: The kit-supplied **Band Tool** can also be used to set the Band Bobbin gap.

18. Attach the two **Short Body Posts** to the **Rear Body Post Mount** using 2 × M3 × 8 mm button head screws.

Secure the **Body Post Plate** to the **Rear Body Post Mount** using 2 × M3 × 8 mm countersunk screws.

NOTE: Rear Body Post Mount orientation!

TECH TIP: Use a **Body Clip** to prevent the Rear Body Post from rotating.

Part No. Rear Body Post Mount (model version)

JKR-321 (S, R, C)

JKR-321-A (A)

M3 x 8 BH

JKR-M308-B

TECH TIP: Four Body Post height positions allow easy body height adjustment.

Part No. Body Post Set

JKR-008

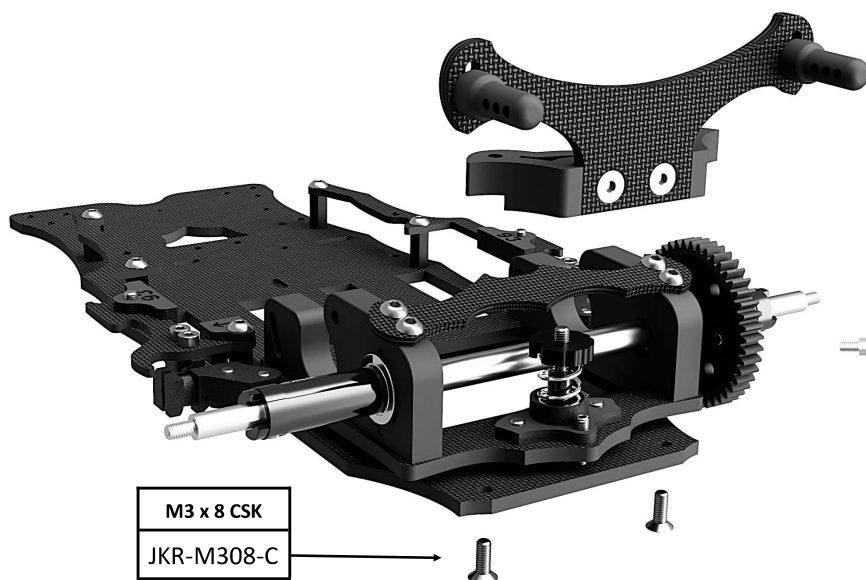
M3 x 8 CSK

JKR-M308-C

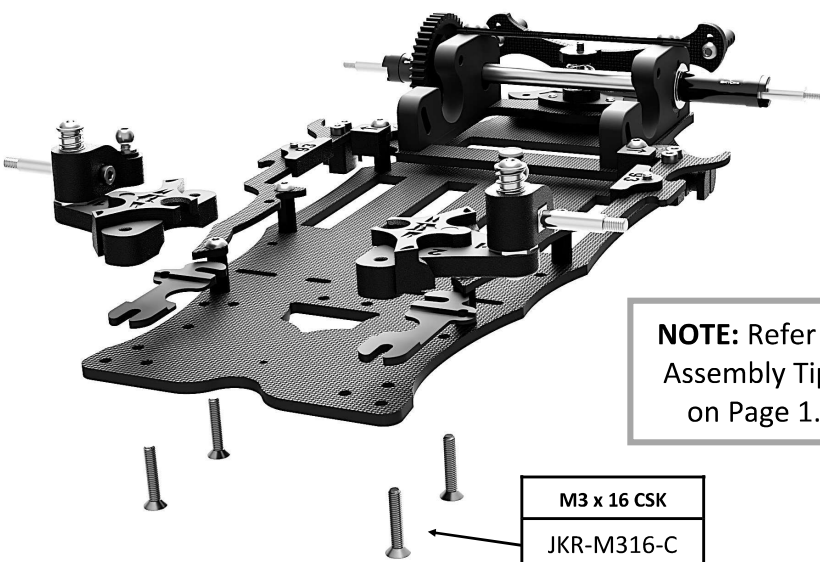
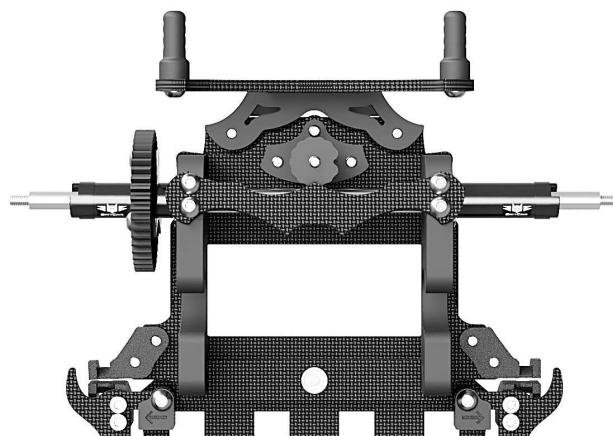
Part No. Body Post Plate (model version)

JKR-004-R (S, R, A)

JKR-004-C (C)



19. Attach the **Rear Body Post** assembly using two M3 x 8mm countersink screws.



20. Attach the **Front End Assemblies** with the required **Ride Height Spacers** (observe the spacer orientation) using 4 × M3 × 16 mm countersunk screws.

NOTE: Refer to Assembly Tips on Page 1.

NOTE: Your kit comes with **Ride Height Spacers**, and a **Ride Height Gauge**! The supplied Ride Height Spacers are labelled for quick identification and can be combined to achieve the desired ride height.

M3 x 16 CSK

JKR-M316-C

0.5mm - JKR-SA-050

0.75mm - JKR-SA-075

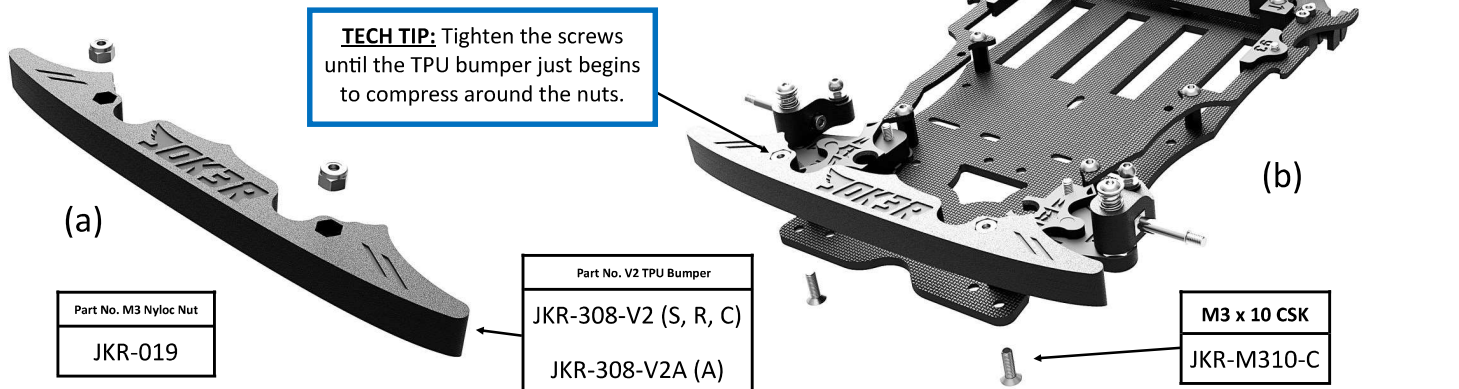
1.0mm - JKR-SA-10

1.5mm - JKR-SA-15

2.0mm - JKR-SA-20

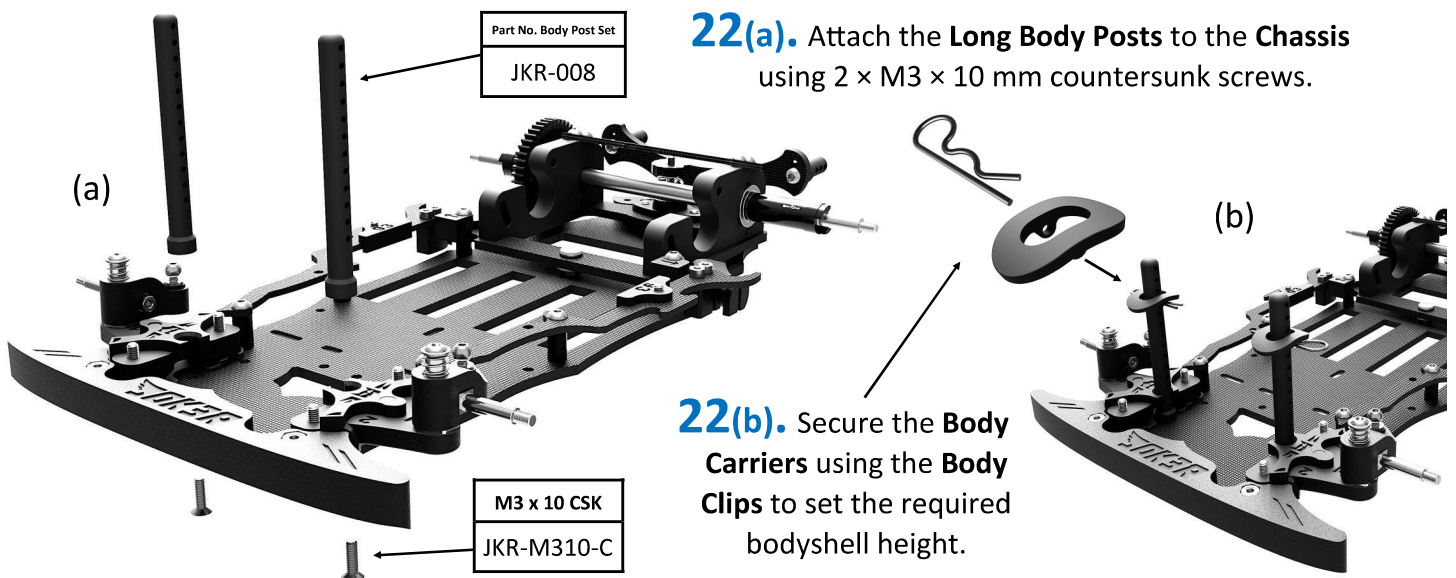
21(a). Press two **Nyloc Nuts** into the flexible **TPU Bumper**. They will be a snug fit.

21(b). Install the **Bumper** onto the chassis using $2 \times M3 \times 10$ mm countersunk screws.



22(a). Attach the **Long Body Posts** to the **Chassis** using $2 \times M3 \times 10$ mm countersunk screws.

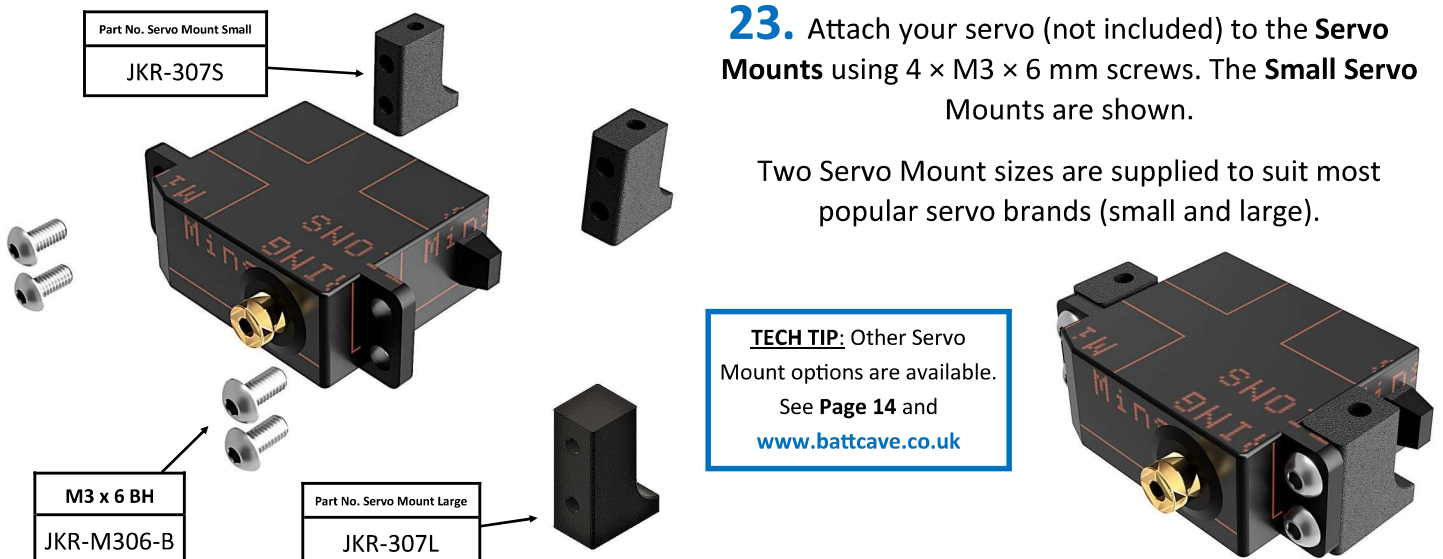
22(b). Secure the **Body Carriers** using the **Body Clips** to set the required bodyshell height.



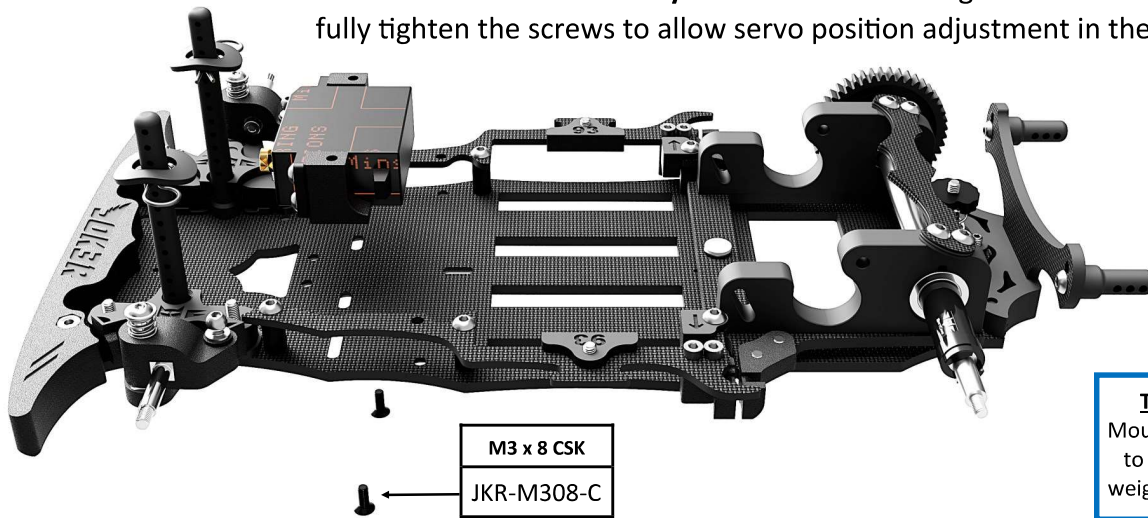
23. Attach your servo (not included) to the **Servo Mounts** using $4 \times M3 \times 6$ mm screws. The **Small Servo Mounts** are shown.

Two Servo Mount sizes are supplied to suit most popular servo brands (small and large).

TECH TIP: Other Servo Mount options are available. See **Page 14** and www.battcave.co.uk



24. Install the **Servo Assembly** onto the chassis using 2 × M3 × 8 mm screws. Don't fully tighten the screws to allow servo position adjustment in the chassis slots.



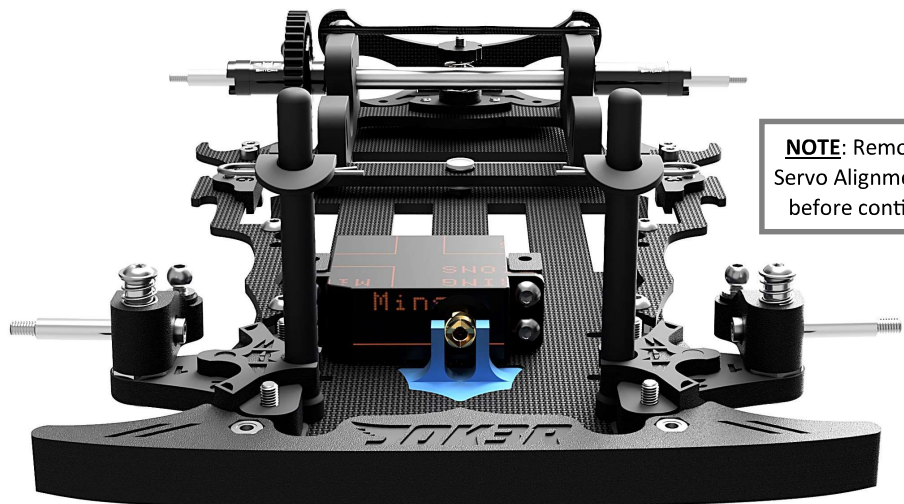
TECH TIP: Mirrored Servo Mount positions allow the servo to be fitted on either side for weight balance or cable routing.



Part No. Servo Alignment Tool
JKR-318

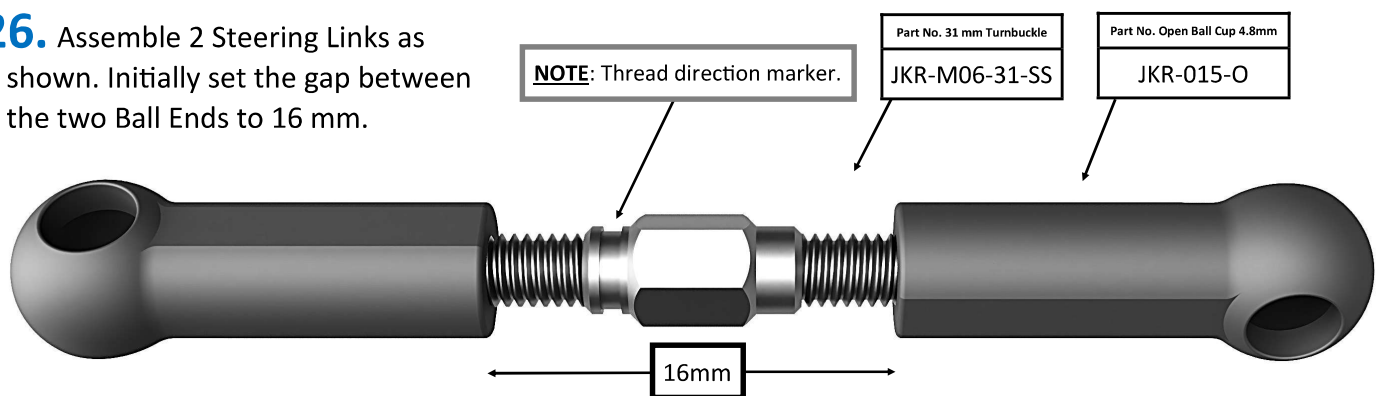
25. Use the supplied **JOK3R Servo Alignment Tool** for accurate servo centring.

It locates from the underside of the chassis cut-out for accurate alignment with the servo spline before fully tightening the servo mounting screws.

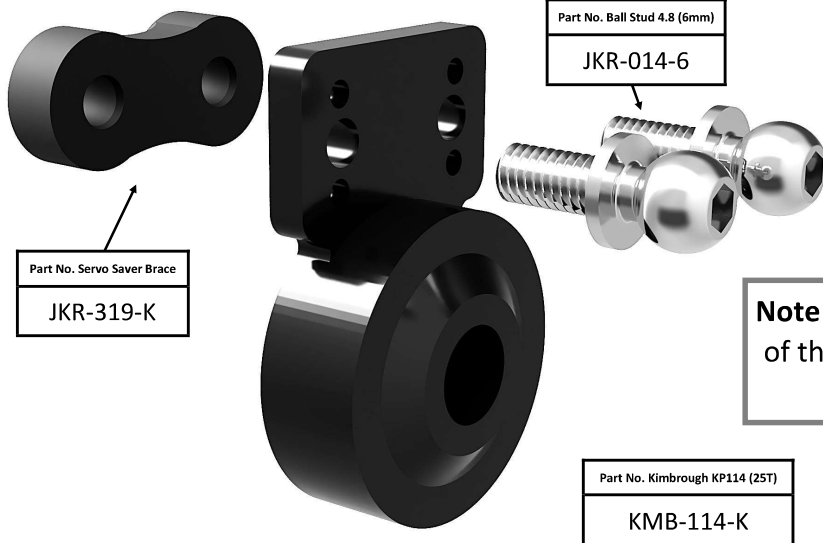


NOTE: Remove the Servo Alignment Tool before continuing.

26. Assemble 2 Steering Links as shown. Initially set the gap between the two Ball Ends to 16 mm.



TECH TIP: Turnbuckles have left-hand and right-hand threads. Check the thread direction before assembly. Thread in and out a few times to form the thread, then apply a tiny amount of grease on the threads on final assembly for easier toe angle adjustment later.



27. All JOK3R kits include a **Kimbrough KP114 (25T) Servo Saver**. Assemble as shown, fit the two **6 mm Ball Studs** through the larger middle holes on the Face Plate into the **Brace Link**.

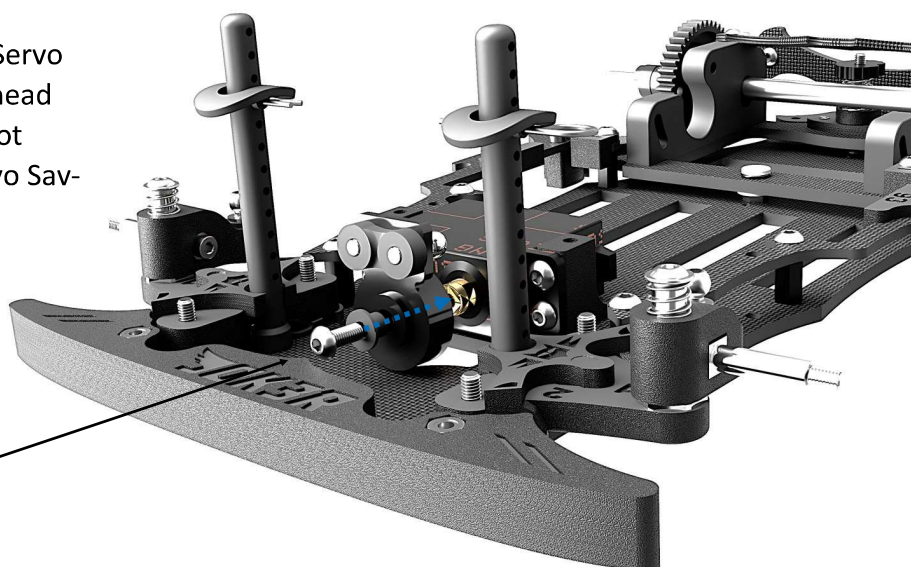
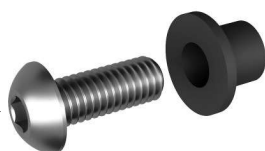
Note: Observe the orientation of the Servo Saver Face Plate and Brace Link.



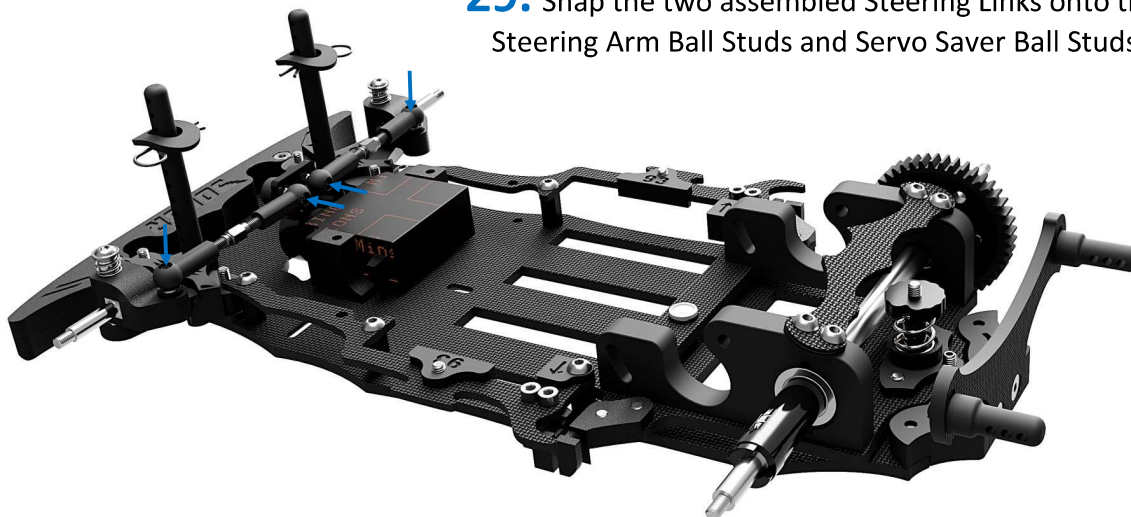
28. Install the **Servo Saver** onto the Servo Spline using the **M3 × 8 mm button head screw** and **Top Hat Retainer**. Do not overtighten, as this may cause the Servo Saver to bind during operation.

TECH TIP: Power up the servo and centre the trim before installing the **Servo Saver**.

M3 x 8 BH
JKR-M308-B



29. Snap the two assembled Steering Links onto the Steering Arm Ball Studs and Servo Saver Ball Studs.



TECH TIP: Fine-tune steering link alignment and Ackermann by shimming the servo forward, reversing the Servo Saver Ball Studs, or adding/removing Hub Shims.

Part No. Motor Flange Plate

JKR-M01 (R, C, A)

JKR-M01-GRP-BL (S)



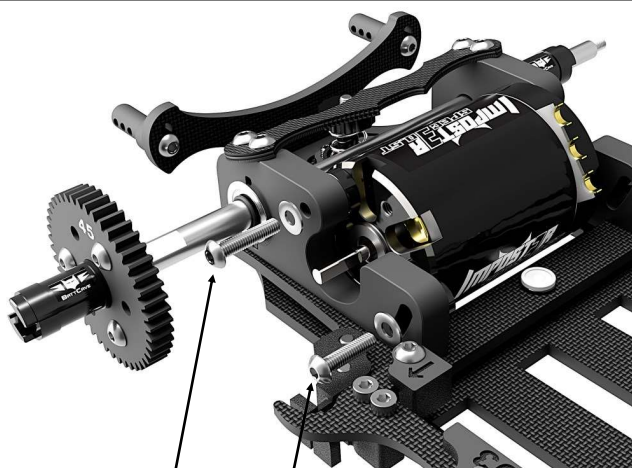
M3 x 6 CSK

JKR-M306-C

30. Attach the **Motor Flange Plate** to the motor (not included) using an M3 × 6 mm countersunk screw. Leave the screw slightly loose until the remaining holes align, then fully tighten. The Motor Flange Plate can be fitted from either side, allowing the motor to be mounted on either side of the Pod Assembly.

TECH TIP: Temporarily fit a second 6mm screw loosely through the opposite hole before tightening the countersunk screw to keep the holes aligned.

NOTE: For Motor Options, see Page 14 and www.battcave.co.uk



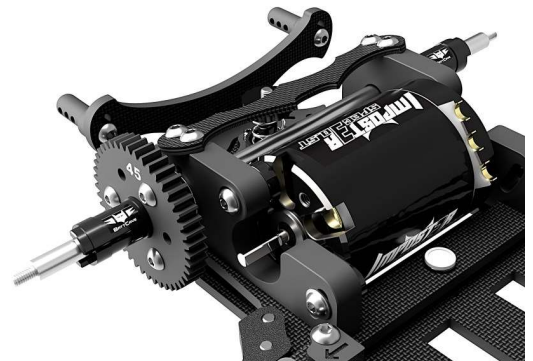
M3 x 14 BH & Washer

JKR-M314-B

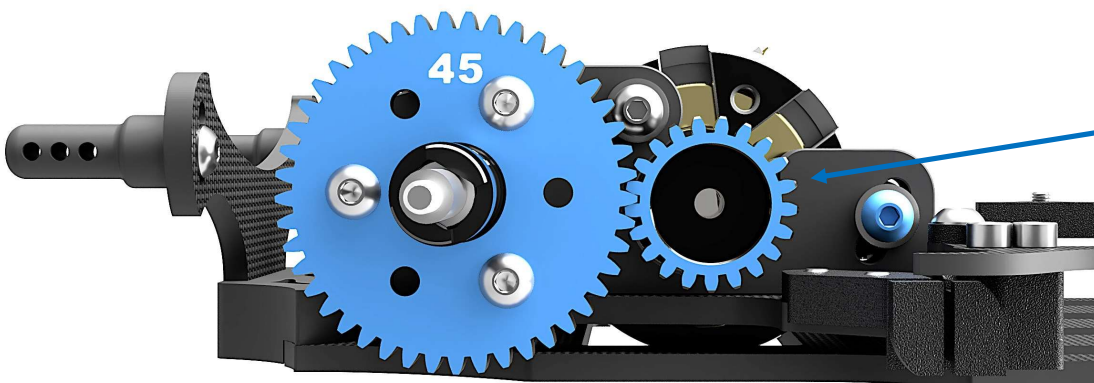
M3 x 12 BH & Washer

JKR-M312-B

31. Slide the **Spur Drive Assembly** aside and install the **Motor and Flange Plate Assembly** into the **Pod Assembly**. Secure with the upper M3 × 14 mm Button Head Screw and mandatory Washer, then fit the lower M3 × 12 mm Button Head Screw and mandatory Washer through the slotted hole.



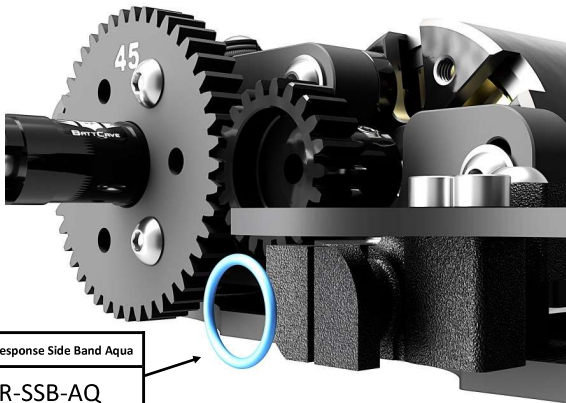
32. To set the **gear mesh**, Fit the Pinion Gear (not included) to the motor shaft, then loosen the two motor mounting screws. **Swing the Motor** to set the correct gear mesh. Once the mesh is correct, **tighten the highlighted M3 × 12 mm screw first** to lock the position, then tighten the M3 × 14 mm screw.



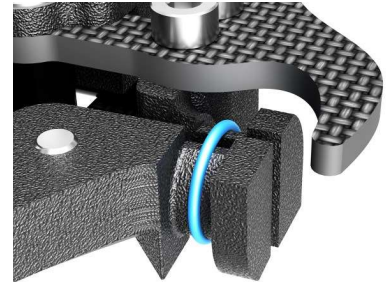
TECH TIP: We recommend using a Long Boss Pinion for optimum gear mesh, especially with motors that have a shorter output shaft. Long Boss Pinions are available from www.battcave.co.uk

33. Stretch the **Side Bands** over the **Band Bobbins** as shown. Repeat for the opposite side.

TECH TIP: Start with 1 × 1.5 mm (Thin) **Aqua Side Band** per side. The kit includes 1.5 mm (Thin) and 2.0 mm (Thick) bands, which can be used individually or combined to tune side roll. Use the supplied Band Tool for easy fitting and removal.



NOTE: Additional Side Band options are available to further tune your car. See **Page 14** and www.battcave.co.uk



34. Insert the **Front Wheel Bearings** into both sides of the front wheels (not included). Fit a **1 mm Front Wheel Spacer** onto the axle, install the wheel, and secure with an **M3 Nyloc Nut**. Tighten until slight resistance is felt, then back off until the wheel rotates freely without lateral play.



Part No. Front Wheel Bearing
JKR-B02

Part No. M3 Nyloc nut
JKR-019

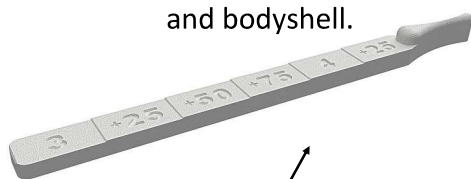
TECH TIP: Add or remove Front Wheel Spacers to fine-tune front track width.



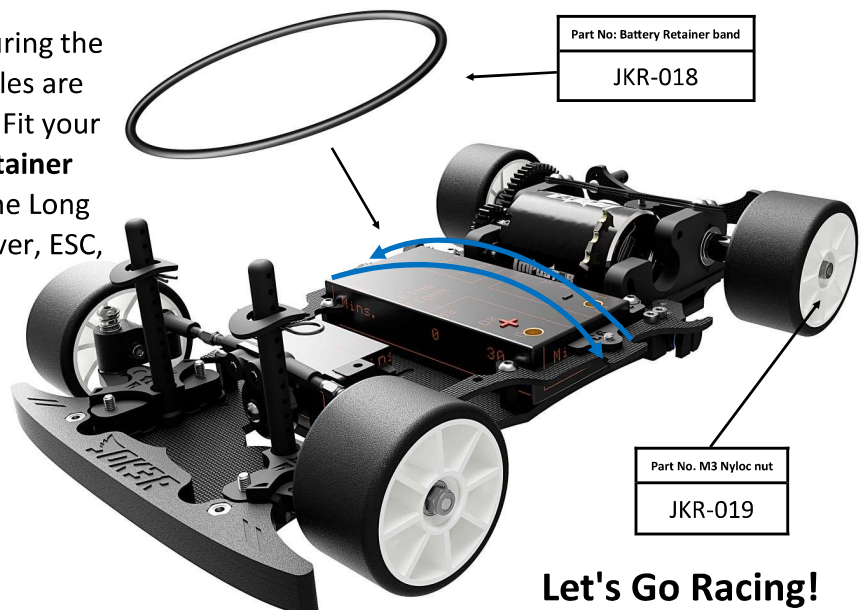
Part No. 1 mm Wheel Spacer
JKR-316



35. Fit the **Rear Wheels** (not included), ensuring the **Spur Drive** and **Dog Drive** engagement profiles are aligned, then secure with the M3 Nyloc Nuts. Fit your battery, stretching the supplied **Battery Retainer Band** over the battery and hooking it onto the Long Braces/Bobbin Braces. Then install your receiver, ESC, and bodyshell.



TECH TIP: Your kit includes a **3D-printed Ride Height Gauge**. Use it to measure the front and rear ride height, adjusting the front with the supplied Ride Height Spacers and the rear with the Thumb Nut.



Part No. Battery Retainer band
JKR-018

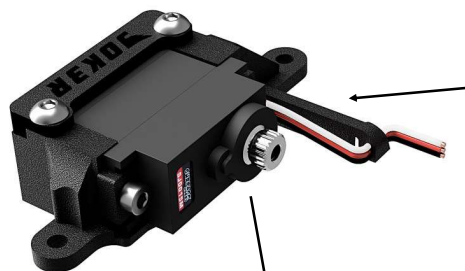
Part No. M3 Nyloc nut
JKR-019

Let's Go Racing!

Recommended Optional Parts

A selection of popular optional parts designed to enhance performance, improve tuning flexibility, and provide easy installation and setup adjustments. These options allow you to tailor your car to suit different track conditions and driving preferences.

See the BattCave website for more information, www.battcave.co.uk



JOK3R Front-Mounted Servo Kit

Part No. FR-SVO-KIMB

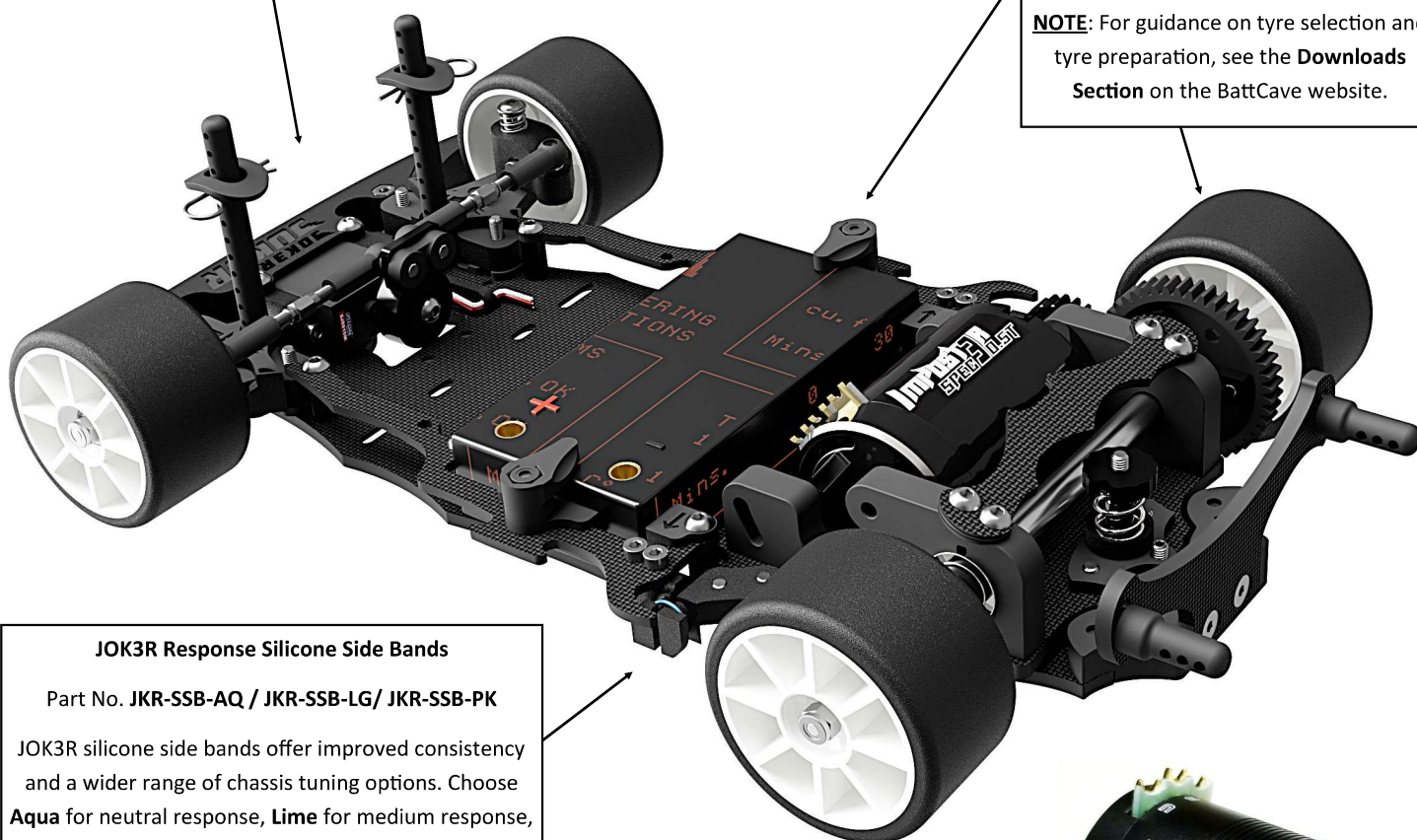
A compact front-mounted servo kit that frees up space for ESC and receiver installation. Supplied with a custom mount, optimised for the kit-supplied Kimbrough KP114 Servo Saver.

Quick Release BattClaw LiPo Retainer Set

Part No. JKR-018-BC

Quick-release LiPo retainers for fast battery changes. Also increases chassis flex for improved cornering and stability on bumpy tracks. Supplied with a full shim set to suit most shorty LiPos.

NOTE: For guidance on tyre selection and tyre preparation, see the **Downloads Section** on the BattCave website.



JOK3R Response Silicone Side Bands

Part No. JKR-SSB-AQ / JKR-SSB-LG / JKR-SSB-PK

JOK3R silicone side bands offer improved consistency and a wider range of chassis tuning options. Choose **Aqua** for neutral response, **Lime** for medium response, or **Pink** for high steering response.

BattCave IMPOST3R Brushless Motors

Part No. IP3R-25-5 / IP3R-30-5

Developed with Surpass, the **IMPOST3R** fixed-timing brushless motors offer smooth, reliable performance. Choose **25.5T** for maximum performance, or **30.5T** for smoother, easier-to-drive handling.



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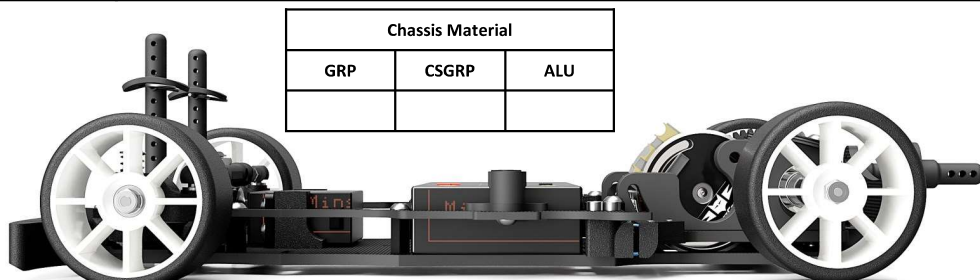
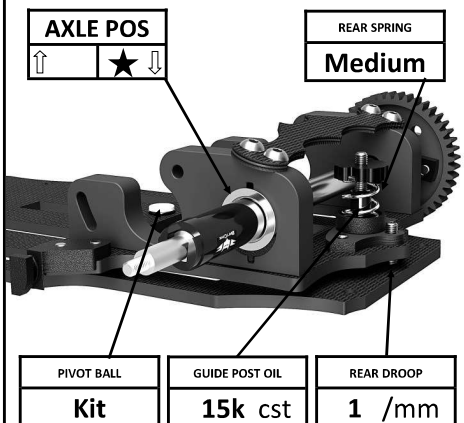
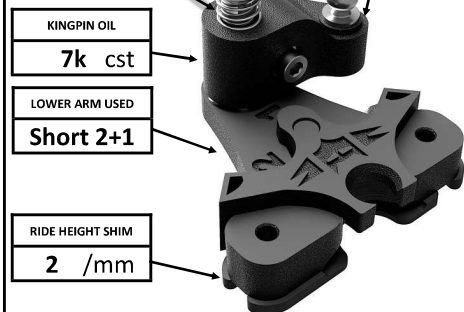


Name **BattCave**

Venue **Kit Start Setup**

Date **2026**

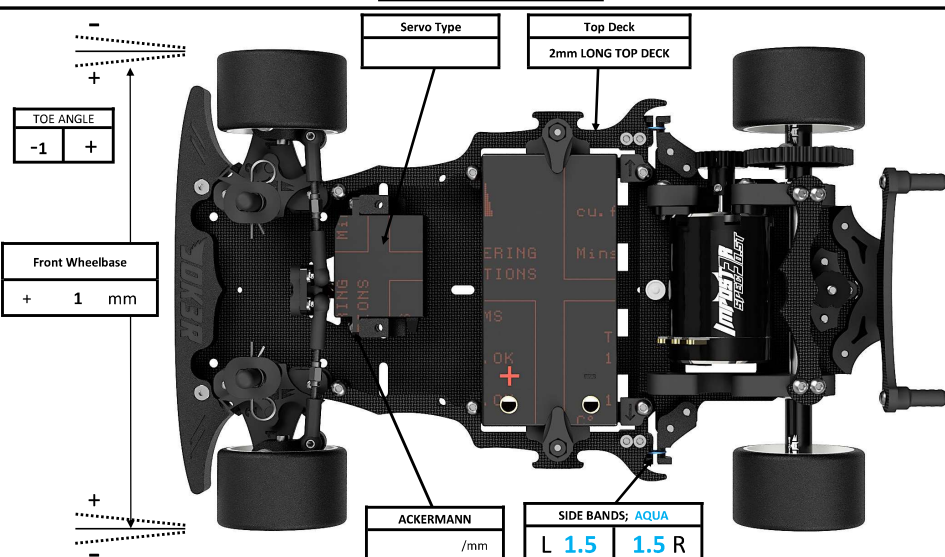
FRONT SPRING	DROOP SHIMS	BUMP STEER SHIMS
Medium	1 /mm	1 /mm



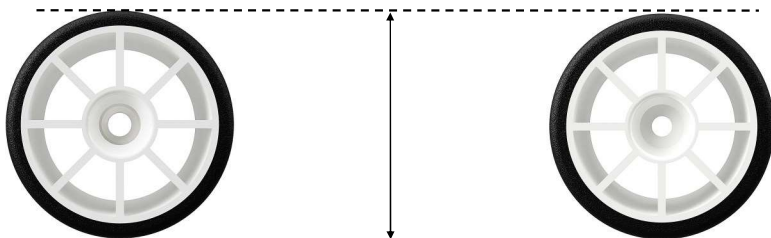
RIDE HEIGHT
3.5 mm

BATTERY POSITION
FORWARDS
BACKWARDS

RIDE HEIGHT
3.5 mm

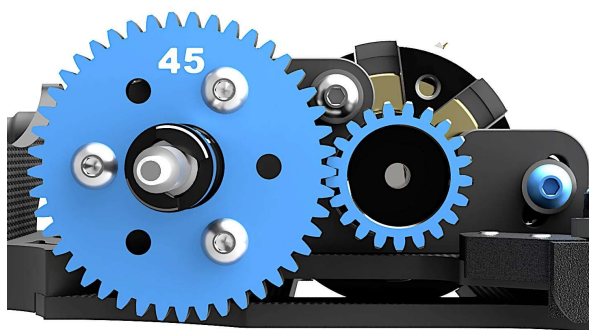


TYRE PREPARATION DETAILS				
FRONT			REAR	
Contact JM50FB		SHORE/BRAND	Contact JM35RK	
44	/mm	DIAMETER	45	/mm
Y	Y/N	SIDE WALL GLUE	N	Y/N



TYRE ADDITIVE PREP				
FRONT			REAR	
SPIDER BLUE		ADDITIVE	SPIDER BLUE	
5	/mins	TIME	20	/mins
		ADDITIVE AREA		

MOTOR	IMPOST3R 30.5T
SPUR	45T
PINION	22T
ROLL OUT	69.12 mm/rev
ESC	
BATTERY	



ADDITIONAL NOTES...

Rollout Quick Reference

Rollout is the distance the car travels for one complete revolution of the motor. It takes into account the tyre diameter, spur gear and pinion gear, making it a useful way to compare gearing when using different tyre sizes.

These tables provide quick-reference rollout figures for compatible JOK3R gearing combinations across a range of tyre diameters.

TECH TIP: Always measure the actual diameter of your tyres when setting your gearing. As tyres wear and become smaller, the rollout will reduce even if the spur and pinion remain unchanged.

Calculating Rollout

$$\text{mm/rev} = \text{Tyre Circumference} \times \text{Pinion} \div \text{Spur}$$

Tyre circumference is calculated as:

$$\text{Tyre Diameter} \times \pi (3.1416)$$

For example, using a 45 mm tyre, 19T pinion and 43T spur:

$$45 \times 3.1416 \times 19 \div 43 = 62.47 \text{ mm/rev}$$

So, this combination gives a rollout of 62.47 mm travel per motor revolution.

JOK3R+ Rollout Chart - 42 mm Tyre

Spur \	14	15	16	17	18	19	20	21	22	23	24
48	38.48	41.23	43.98	46.73	49.48	52.23	—	—	—	—	—
46	—	—	45.89	48.76	51.63	54.5	57.37	60.24	—	—	—
45	—	—	—	—	52.78	55.71	58.64	61.58	64.51	67.44	—
44	—	—	—	—	53.98	56.98	59.98	62.97	65.97	68.97	—
43	—	—	—	—	—	58.3	61.37	64.44	67.51	70.58	73.64
42	—	—	—	—	—	—	62.83	65.97	69.12	72.26	75.4
41	—	—	—	—	—	—	64.36	67.58	70.8	74.02	77.24
40	—	—	—	—	—	—	—	69.27	72.57	75.87	79.17

JOK3R+ Rollout Chart - 43 mm Tyre

Spur \	14	15	16	17	18	19	20	21	22	23	24
48	39.4	42.22	45.03	47.84	50.66	53.47	—	—	—	—	—
46	—	—	46.99	49.92	52.86	55.8	58.73	61.67	—	—	—
45	—	—	—	—	54.04	57.04	60.04	63.04	66.04	69.05	—
44	—	—	—	—	55.26	58.33	61.4	64.47	67.54	70.61	—
43	—	—	—	—	—	59.69	62.83	65.97	69.12	72.26	75.4
42	—	—	—	—	—	—	64.33	67.54	70.76	73.98	77.19
41	—	—	—	—	—	—	65.9	69.19	72.49	75.78	79.08
40	—	—	—	—	—	—	—	70.92	74.3	77.68	81.05

JOK3R+ Rollout Chart - 44 mm Tyre

Spur \	14	15	16	17	18	19	20	21	22	23	24
48	40.32	43.2	46.08	48.96	51.84	54.72	—	—	—	—	—
46	—	—	48.08	51.09	54.09	57.1	60.1	63.11	—	—	—
45	—	—	—	—	55.29	58.36	61.44	64.51	67.58	70.65	—
44	—	—	—	—	56.55	59.69	62.83	65.97	69.12	72.26	—
43	—	—	—	—	—	61.08	64.29	67.51	70.72	73.94	77.15
42	—	—	—	—	—	—	65.82	69.12	72.41	75.7	78.99
41	—	—	—	—	—	—	67.43	70.8	74.17	77.54	80.92
40	—	—	—	—	—	—	—	72.57	76.03	79.48	82.94

JOK3R+ Rollout Chart - 45 mm Tyre

Spur \	14	15	16	17	18	19	20	21	22	23	24
48	41.23	44.18	47.12	50.07	53.01	55.96	—	—	—	—	—
46	—	—	49.17	52.25	55.32	58.39	61.47	64.54	—	—	—
45	—	—	—	—	56.55	59.69	62.83	65.97	69.12	72.26	—
44	—	—	—	—	57.83	61.05	64.26	67.47	70.69	73.90	—
43	—	—	—	—	—	62.47	65.75	69.04	72.33	75.62	78.91
42	—	—	—	—	—	—	67.32	70.69	74.05	77.42	80.78
41	—	—	—	—	—	—	68.96	72.41	75.86	79.31	82.75
40	—	—	—	—	—	—	—	74.22	77.75	81.29	84.82

JOK3R+ Rollout Chart - 46 mm Tyre

Spur \	14	15	16	17	18	19	20	21	22	23	24
48	42.15	45.16	48.17	51.18	54.19	57.20	—	—	—	—	—
46	—	—	50.27	53.41	56.55	59.69	62.83	65.97	—	—	—
45	—	—	—	—	57.81	61.02	64.23	67.44	70.65	73.86	—
44	—	—	—	—	59.12	62.40	65.69	68.97	72.26	75.54	—
43	—	—	—	—	—	63.85	67.22	70.58	73.94	77.30	80.66
42	—	—	—	—	—	—	68.82	72.26	75.70	79.14	82.58
41	—	—	—	—	—	—	70.49	74.02	77.54	81.07	84.59
40	—	—	—	—	—	—	—	75.87	79.48	83.10	86.71

JOK3R+ Rollout Chart - 47 mm Tyre

Spur \	14	15	16	17	18	19	20	21	22	23	24
48	43.07	46.14	49.22	52.29	55.37	58.45	—	—	—	—	—
46	—	—	51.36	54.57	57.78	60.99	64.20	67.41	—	—	—
45	—	—	—	—	59.06	62.34	65.62	68.91	72.19	75.47	—
44	—	—	—	—	60.40	63.76	67.12	70.47	73.83	77.18	—
43	—	—	—	—	—	65.24	68.68	72.11	75.54	78.98	82.41
42	—	—	—	—	—	—	70.31	73.83	77.34	80.86	84.37
41	—	—	—	—	—	—	72.03	75.63	79.23	82.83	86.43
40	—	—	—	—	—	—	—	77.52	81.21	84.90	88.59

JOK3R+ Rollout Chart - 48 mm Tyre

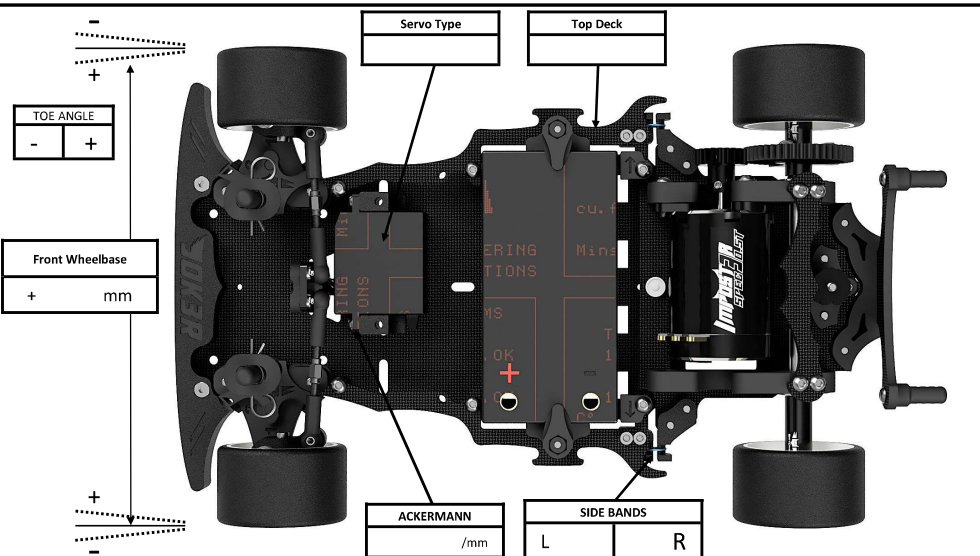
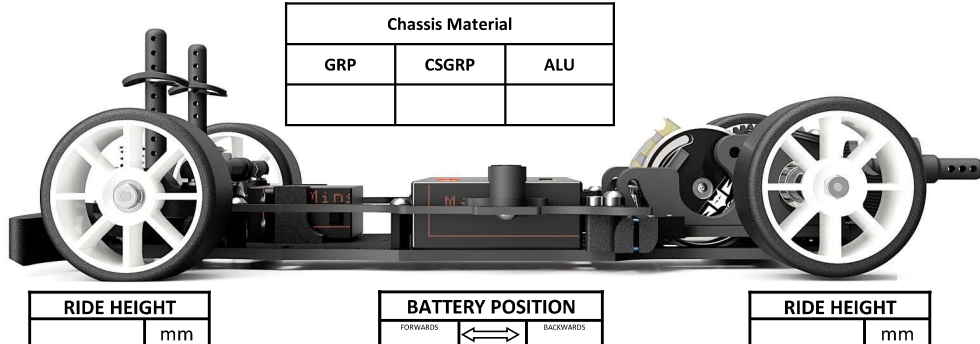
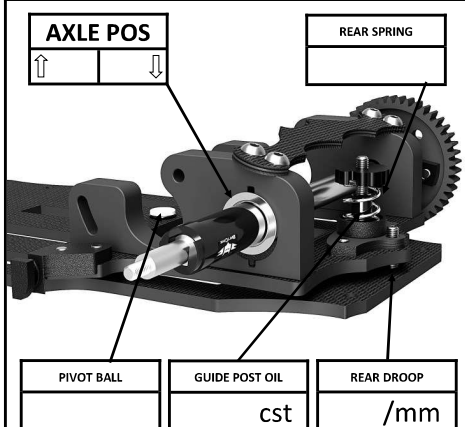
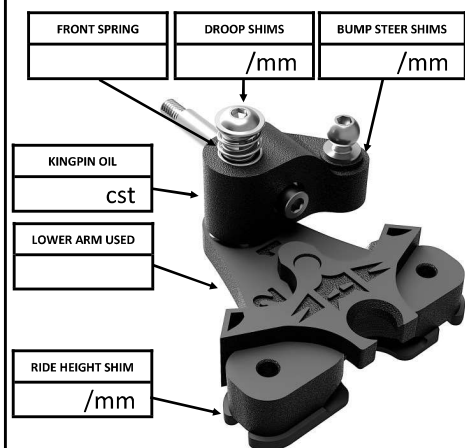
Spur \	14	15	16	17	18	19	20	21	22	23	24
48	43.98	47.12	50.27	53.41	56.55	59.69	—	—	—	—	—
46	—	—	52.45	55.73	59.01	62.29	65.56	68.84	—	—	—
45	—	—	—	—	60.32	63.67	67.02	70.37	73.72	77.07	—
44	—	—	—	—	61.69	65.12	68.54	71.97	75.40	78.83	—
43	—	—	—	—	—	66.63	70.14	73.64	77.15	80.66	84.17
42	—	—	—	—	—	—	71.81	75.40	78.99	82.58	86.17
41	—	—	—	—	—	—	73.56	77.24	80.92	84.59	88.27
40	—	—	—	—	—	—	—	79.17	82.94	86.71	90.48



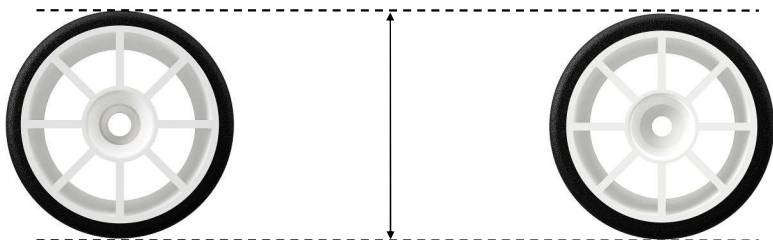
Name

Venue

Date

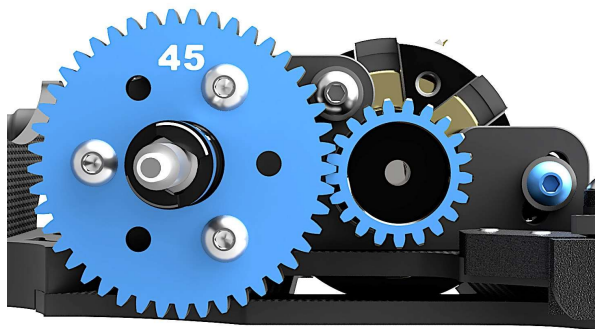


TYRE PREPARATION DETAILS		
FRONT		REAR
	SHORE/BRAND	
/mm	DIAMETER	/mm
Y/N	SIDE WALL GLUE	Y/N



TYRE ADDITIVE PREP		
FRONT		REAR
	ADDITIVE	
/mins	TIME	/mins
	ADDITIVE AREA	

MOTOR	
SPUR	
PINION	
ROLL OUT	
ESC	
BATTERY	



ADDITIONAL NOTES...

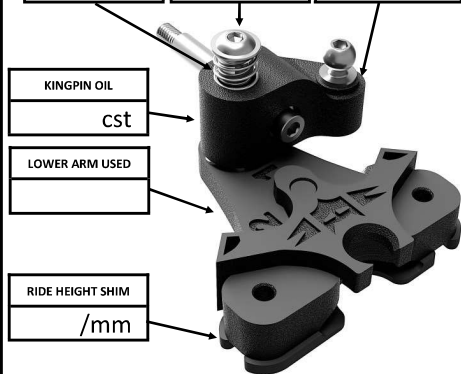


Name

Venue

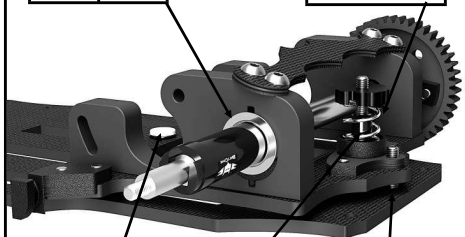
Date

FRONT SPRING	DROOP SHIMS	BUMP STEER SHIMS
	/mm	/mm



AXLE POS
↑
↓

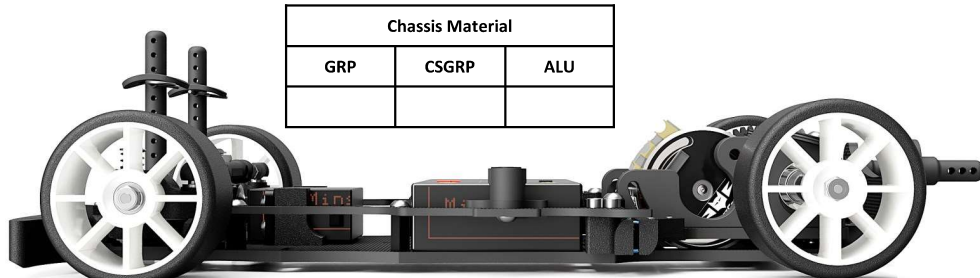
REAR SPRING



PIVOT BALL

GUIDE POST OIL
cst

REAR DROOP
/mm

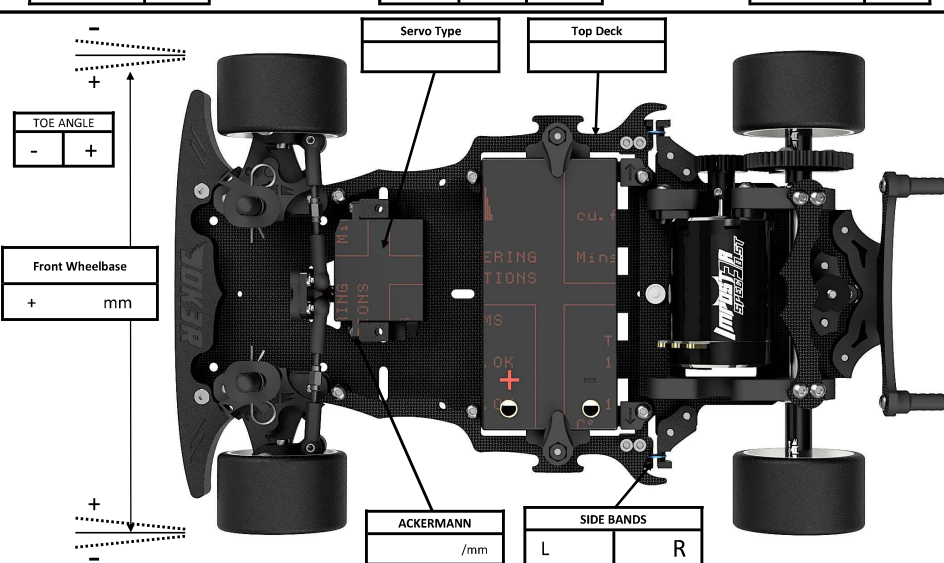


Chassis Material		
GRP	CSGRP	ALU

RIDE HEIGHT
mm

BATTERY POSITION
FORWARDS
BACKWARDS

RIDE HEIGHT
mm



TOE ANGLE
-
+

Front Wheelbase
mm

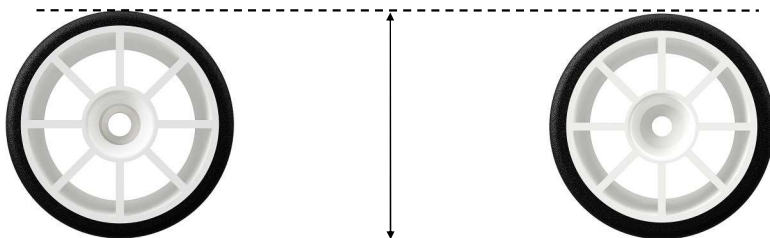
Servo Type

Top Deck

ACKERMANN
/mm

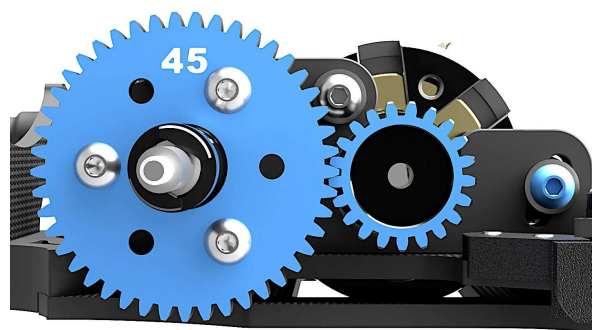
SIDE BANDS
L
R

TYRE PREPARATION DETAILS		
FRONT		REAR
	SHORE/BRAND	
/mm	DIAMETER	/mm
Y/N	SIDE WALL GLUE	Y/N



TYRE ADDITIVE PREP		
FRONT		REAR
	ADDITIVE	
/mins	TIME	/mins
	ADDITIVE AREA	

MOTOR	
SPUR	
PINION	
ROLL OUT	
ESC	
BATTERY	



ADDITIONAL NOTES...

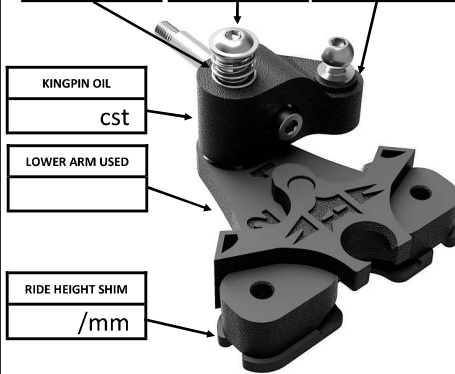


Name

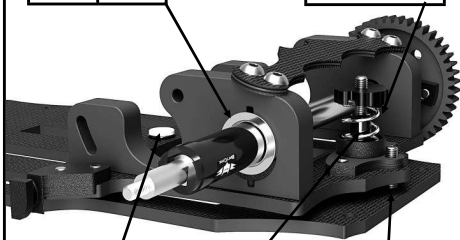
Venue

Date

FRONT SPRING	DROOP SHIMS	BUMP STEER SHIMS
	/mm	/mm



AXLE POS	REAR SPRING
↑	
↓	



PIVOT BALL	GUIDE POST OIL	REAR DROOP
	cst	/mm

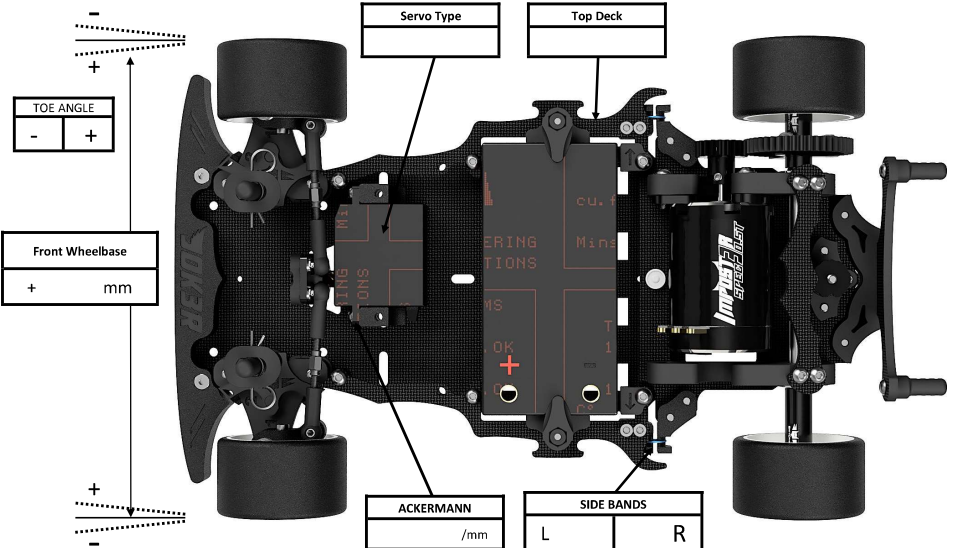
Chassis Material		
GRP	CSGRP	ALU



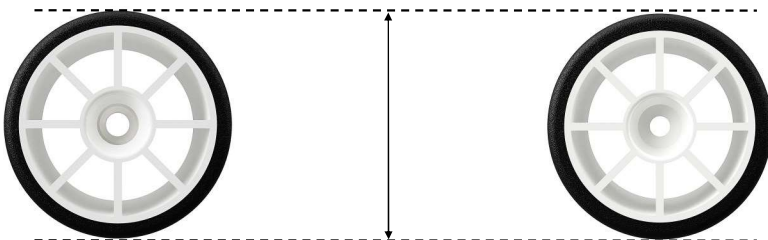
RIDE HEIGHT
mm

BATTERY POSITION
FORWARDS ↔ BACKWARDS

RIDE HEIGHT
mm

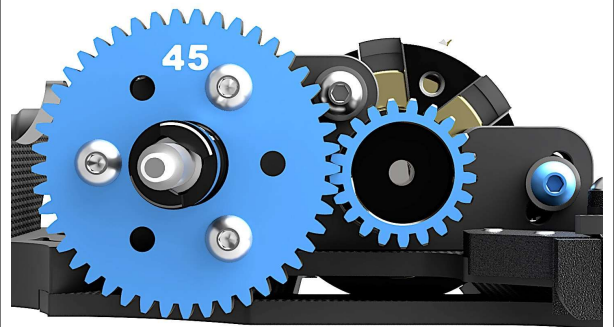


TYRE PREPARATION DETAILS		
FRONT		REAR
	SHORE/BRAND	
/mm	DIAMETER	/mm
Y/N	SIDE WALL GLUE	Y/N



TYRE ADDITIVE PREP		
FRONT		REAR
	ADDITIVE	
/mins	TIME	/mins
	ADDITIVE AREA	

MOTOR	
SPUR	
PINION	
ROLL OUT	
ESC	
BATTERY	



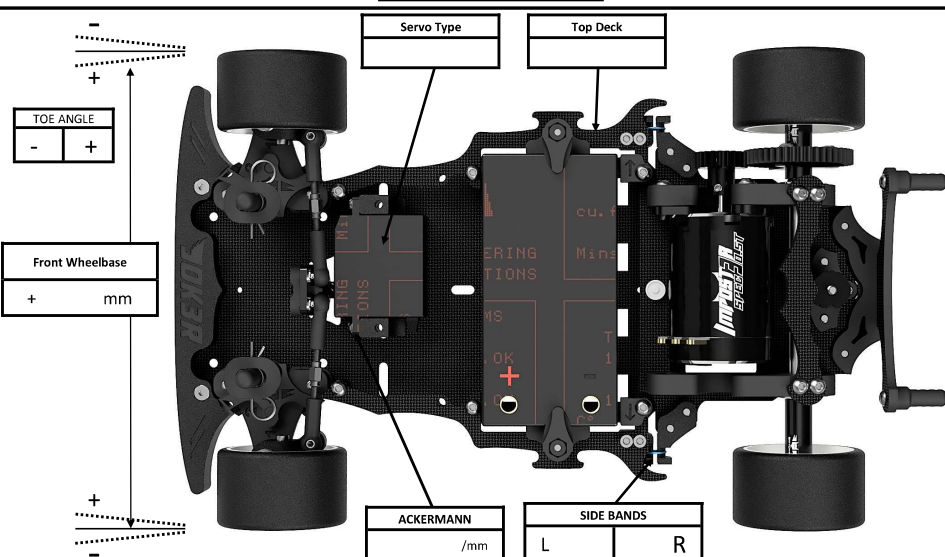
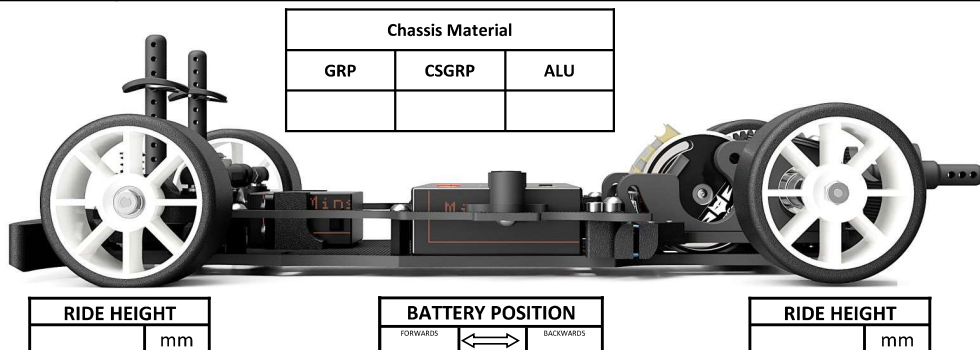
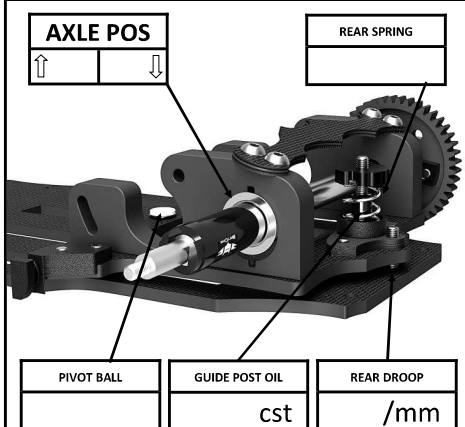
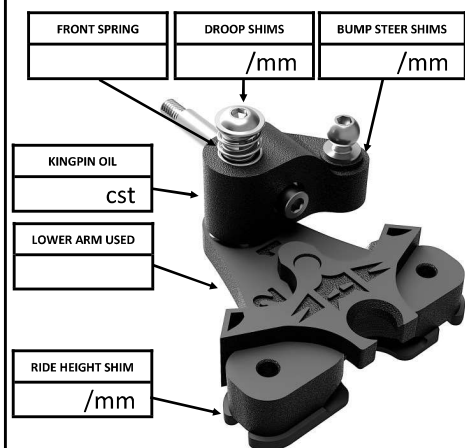
ADDITIONAL NOTES...



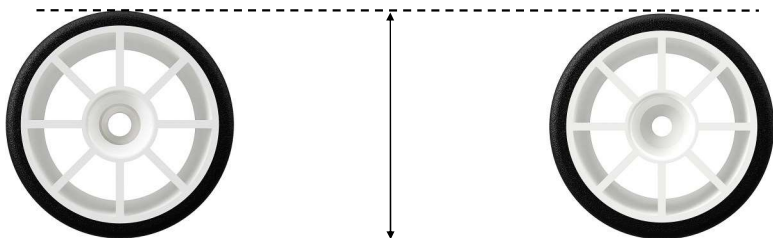
Name

Venue

Date

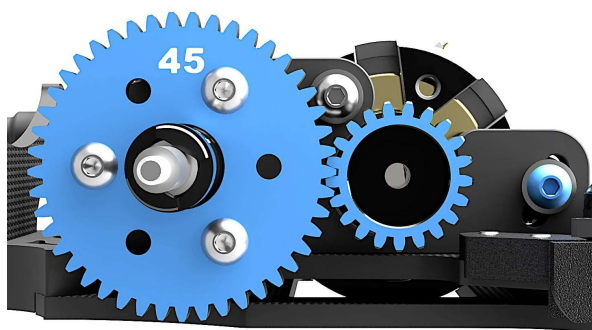


TYRE PREPARATION DETAILS		
FRONT		REAR
	SHORE/BRAND	
/mm	DIAMETER	/mm
Y/N	SIDE WALL GLUE	Y/N



TYRE ADDITIVE PREP		
FRONT		REAR
	ADDITIVE	
/mins	TIME	/mins
	ADDITIVE AREA	

MOTOR	
SPUR	
PINION	
ROLL OUT	
ESC	
BATTERY	



ADDITIONAL NOTES...