

Instruction Manual 1881





www.racing-cars.com



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IMPORTANT SAFETY NOTES

- We strongly recommend that anyone driving RC cars, or organising events, should obtain third party liability insurance. In the UK this can be done by joining the BRCA. www.brca.org
- This product is not suitable for children under the age of 14, without the direct supervision of a responsible adult.
- Select an area for assembly that is away from the reach of small children.
- The parts in this kit are small and can be swallowed by children causing choking and possible internal injuries.
- Exercise care when using hand tools and sharp instruments during assembly.
- Carefully read all manufacturers warnings and cautions for any additional items used in the construction.
- In line with our policy of continuous development the exact details of the kit may vary.
- DO NOT use this car on public roads or in places where it can interfere with traffic, people or animals.
- Always check the operation of the radio with the wheels off the ground, before using the car.
- Make sure the radio and car batteries are fully charged before use.
- Disconnect and remove the battery from the car when not in use.
- Always store and charge LiPo batteries in a fireproof container.
- DO NOT put fingers or any objects inside rotating or moving parts as this may cause injury.
- Make sure the charger is correctly set for the type of battery you are using.
- Incorrect charging may cause a fire.
- Insulate all exposed electrical wiring. Exposed or damaged wires can cause short circuits and fire.
- The motor and speed controller can become hot during use. DO NOT touch them immediately after using your car as this may cause injury.































































TRACK SETTINGS

RIDE HEIGHT

Use the spring adjusters on the shock absorbers to adjust the front and rear ride heights. We recommend setting the ride height to around 5.0mm on carpet/ high traction tarmac/asphalt and 5.5mm on tarmac/asphalt or low traction carpet tracks.

This is measured between the bottom of the chassis and the ground with the car in running trim. First press the car down on to the ground and release it once or twice to settle the suspension before adjusting the ride height. If you cannot achieve a low enough rear ride height, space up the rear shock mount.

In general:

High traction levels/Smooth tracks =Lower ride height (4.6mm-5.2mm) Low traction levels/Bumpy tracks = Higher ride height (5.2mm-6.0mm)



CAMBER

Front and rear camber is set by adjusting the pair of upper turnbuckles: Shorter turnbuckles= More Negative camber.

Longer turnbuckles= Less Negative camber.

**The Camber and Castor setting should be set using a setup system such as SK-600069-01 or AM171040-LE combined with castor pointers U8771

In general the aim is to run the correct amount of camber for the tyre being used and the track conditions. Typically this is between $1.0^{\circ}-2.5^{\circ}$.

Increasing the front and rear camber together will often result in more traction, but with a more sudden loss of grip when going beyond the limit. Less overall camber will offer a more progressive slide but may have less overall grip. More castor may be applied to the front or rear, normally resulting in more grip at that end of the car. The team suggest a starting camber of 2° Rear and 1.5° Front, increasing to 2° Front camber if more front grip/steering is needed.



CASTOR

Castor can be set by adjusting the upper turnbuckles. After camber has been set, lengthen one turnbuckle, and shorten the other by the same amount, until the castor is set as desired.

**The Camber and Castor setting should be set using a setup system such as SK-600069-01 or AM171040-LE combined with castor pointers U8771

More front castor will result in a smoother, less responsive initial steering response, with more mid corner/ on power exit steering. Less front castor will give a more aggresive initial steering response but less steering thereafter. Kit setting is 4°.



TRACK WIDTH

The track width may be adjusted using 2 different hex widths, or shims:

U8333 - Wheel Hex Spacers 0.25, 0.5, 0.75mm U8762 - Alloy Narrow Wheel Hex (-0.75mm)

Increasing the rear track width provides more rear stability/less rotation and vice versa. Increasing the front track width provides a less agressive/less rotation and vice versa. A wider car is better suited to high traction conditions and a narrower car to low traction conditions.





STATIC REAR TOE

Static rear toe is measured on setup gauges such as SK-600069-01 or AM171040-LE and is the toe angle of the rear wheels when at ride height. The kit setup is 3° .

This is adjusted simply by altering the length of the rear turnbuckles shown. More rear static toe in provides more stability, rear grip and forward traction. Less rear static toe in offers more rotation providing the rear stability is enough to drive confidently through the corner. There will be less forward traction exiting the corner however.

In low traction conditions the team suggests a range between 3° and 4°. In high traction conditions the team suggests a range between 2° and 3°.

DYNAMIC REAR TOE

Static Toe Angle

Dynamic rear toe is a toe in angle that changes with roll or squat. This allows for a rising rate toe setting through a corner providing good entry steering but with more stability through the corner and more forward traction on corner exit. Omm gives a static rear toe setting when using kit roll centres.

3mm gives the most dynamic change. 0.75° extra toe in with full chassis compression. The team recommend a range between:

3mm in low traction conditions or when lots of stability is needed. 0mm in high traction conditions or when lots of steering is needed. Kit setting is 1mm.

FRONT TOE

The front toe is set by adjusting the steering turnbuckles. Toe in will give a more stable car and less responsive/nervous initial steering.

Toe out will give a more agressive car with more responsive initial steering. The team recommend a range between 0° and 1° of toe out. It is very rare to benefit from toe in on the front of the car.

SHOCK SPRINGS

Shock springs are used to set the suspension stiffness.

The team recommend a starting setup using Core RC Green springs front and Grey rear (included).

Stiffer springs are suited to high grip conditions. These increase response, forward traction and high speed stability. The track should be smooth when going to very stiff springs.

Softer springs are suited better to low grip conditions. They slow down direction change but may provide more overall grip, when the track grip is low. They may cause high speed stability issues if the grip is too high. Soft springs can be better when the track is bumpy. A softer car can sometimes be a benefit in very high grip, in order to prevent traction roll.

SHOCK ANGLES

Similar to the shock spring setup, the shock angles can provide fine tuning over the suspnesion stiffness.

A more angled shock setup (lower number shock mount holes) creates a softer setup which is less responsive, often suited to high traction conditions.

A more upright shock setup (higher number shock mount holes) creates a stiffer setup which is more responsive, often suited to lower traction conditions.

The rear shock angle is adjusted by adding/removing spacers from behind the ball.







ANTI ROLL BARS

Anti roll bars allow the tuning of roll stiffness and change the way that the weight is transferred.

A stiffer rear roll bar will reduce entry steering but increase on power steering.

A stiffer front roll bar will increase entry steering, but provide a smoother handling through the middle of the corner.

The roll bars need to be set equally left to right. This is done by adjusting the drop link ball height. With the shocks off, check the roll bar lifts the opposite side when lifted to an equal height. A great tool for this is AX015.



The starting point for droop suggested by the team is 21.4mm rear, 22.4mm front. These numbers are checked on the Aerox droop gauge set. AX015. This is the measurement between the chassis underside and the axle centre.

Droop is adjusted using the grub screw illustrated.

The suggested range is:

Rear- Between 20.4mm in low traction and 22.4mm in high traction. Increasing the rear droop often provides more stability. Front- Between 21.4mm in low traction and 24mm in high traction.

Increasing the front droop gives a more agressive handling.

UPPER INNER LINK HEIGHT

The washers under the 4 upper inner link ball studs are the main suggested method of changing the angle of the upper links. We recommend keeping the outer ball stud spacing around 1mm to ensure good thread engagement into the plastic hub carriers. Generally, less washers at that end of the car gives more grip. Adding washers in the front/rear together can provide a freer car with more rotation. Suited best to high traction.

NOTE: The high transmission housings (U8729) will increase the height of the ball studs by 2mm. Make sure to take this into consideration when changing between 'high' and 'low' transmission housings.

NOTE: The most rearward balls require an additional 2mm of spacers compared to the RF position to avoid pro-dive.

LOWER WISHBONE SPACERS

The kit setting is 1mm under all 8 wishbone lower balls, apart from FF position that has 0 5mm

As a rule: Higher wishbone balls= Raised roll centre, suited to higher traction conditions.

Lower wishbone balls= Lower roll centre, suited to lower traction conditions.

The team often uses wishbone balls 0.5mm lower in the front than the rear, providing more steering, but a slightly more difficult car to drive.

Lowering the front-front balls (angling the front wishbones down to the front of the car), by 0.5mm is another team favourite. This creates some anti-dive, giving a much smoother steering, particularly on corner entry.

GEAR DIFF

Gear diff oil can be changed to affect car handling.

Generally, high traction conditions = thicker oil. (300K +)

Low traction conditions = thinner oil. (100K-300K),

A thicker gear diff oil will have a much smoother off power, corner entry feeling, preventing corner entry over rotation. It will also make the car feel less likely to slide off power, in the corner. It will however have more on power steering, and more traction.

Thinner gear diff oil will create the opposite effect. More aggressive corner entry, and more steering off power in the corner. It will have less on power steering, and less traction









+2.0mm



DIFF HEIGHT

The Diff height can be adjusted in two ways.

- The eccentric housings can be rotated 180° to offer a 1mm shift in diff height.
- The Optional 'High' Transmission housings can be used to increase the Diff height by 2mm.
- The low diff position provides more grip at that end of the car, and is suited to low or medium traction conditions.

Diff Height	Eccentric Orientation	Eccentric Type	Transmission Housing Type
2.0mm	Up 🔺	+0.5mm (Option U8777)	High (Option U8729)
1.5mm	Up 🔺	Kit	High (Option U8729)
0.5mm	Down ▼	Kit	High (Option U8729)
0.0mm	Down ▼/ Up ▲	+0.5mm (Option U8777)	High (Option U8729) or Low (Kit)
-0.5mm	Up 🔺	Kit	Low (Kit)
-1.5mm	Down ▼	Kit	Low (Kit)

-1.5mm

DIFF Height

Diff Height: Diff Height: Diff Height: Diff Height: 0.0n Diff Height: +0.5m Diff Height Diff Height Orientation Up 🛦 Orientation Orientation Orientati Orientation Orienta De Contentation. Eccentric Type: Kit Trans Housing: Low (Kit) Eccentric Type: Kit Trans Housing: Low (Kit) Eccentric Type: U8777 Opt Trans Housing: Low (Kit) Eccentric Type: Trans Housing: Eccentric Type: U8777 Trans Housing: U8729 Eccentric Type U8777 ntric Type U8777 Opt Trans Housing: U8729 Option Trans Housing: U8729 Optio Option U8729 Opti

CHASSIS FLEXIBILITY

High grip conditions = Stiffer chassis setup. Low Grip conditions = Flexible chassis setup. The Alloy Chassis is the stiffest option. The C/F chassis is best in low/medium grip levels.

The motor mount has 4 chassis screw options. Use more screws to increase the overall chassis stiffness. A minimum of 2 screws is required.

U9064 C/F Longitudinal Stiffness Brace increases rear chassis stiffness and creates more rotation and is intended for high grip conditions.



WEIGHT DISTRIBUTION

There are several positions intended for weight placement in the front and rear of the car. Please see the setup sheet for suggested placements. We recommend the use of U8773 and U8774 for this. For the most neutral car balance, we recommend the use of the kit bumper weights. This will provide a neutrally balanced car, with good steering. The weight distribution should be approximately 68% forwards. A range between 65% - 72% forwards weight distribution should be used, with 72% giving the most easy to drive car, at the expense of some steering/rotation. Extreme weight placement may be required to achieve this. Rearwards weight = a more aggressive car with more steering. Forwards weight = a smoother handling car, more stability, with less steering/rotation. Adding U9066 60g Front Weight Set is a great way of increasing from weight distribution, but keeping yaw interia down.

WHEELBASE

The wheelbase of the FT9 is adjustable.

The rear wishbones can be moved forward or rearward 7mm from the kit-middle setting. The rear bulkheads must move together with wishbones.

In general:

A shorter car can rotate faster than a longer one, at the expense of traction. A longer car has better traction, at the expense of rotation.





BODY HEIGHT

The height of the body is very important to performance. Increasing height 'A' provides more rear grip and improved drivability. We suggest 122mm as a good starting height, for most popular FWD bodyshells.

To set height 'B' (see page 9 to locate 'body stop screws')

1) Remove spring hangers from the body posts temporarily.

2) Adjust the body stop screws to set 'B' to between 2mm-4mm.

3) Fit body hangers to the posts to acheive a 'B' height between 5mm-6mm.

This allows to run the body lower to gain front downforce without excessive touching against the track surface. If you prefer not to use the body stop screws, set 'B' to between 8mm-9mm.

Height 'C' should be cut to achieve a height of between 6mm-9mm. Adjust if exessive touching occurs.

SHOCK OIL

The aim is to achieve improved handling over bumps and control the weight transfer of the car. If the track is particularly bumpy, increase the shock oil viscosity to help handling over bumps. If the traction is low, lowering the shock oil to improve weight transfer and generate more grip. If the traction is high, increasing the shock oil to make the car smoother and less unpredictable. In higher temperature, increase the shock oil to manage tyre temperature. Our suggested range is between 250cSt and 600cSt, when using CORE-RC shock oil with kit pistons.

-250cSt, front and rear is a great starting point for low/medium grip conditions. -400cSt, front and rear is a great starting point for high/very high grip conditions.

TOP DECK OPTIONS

The rear top deck can be mounted to the transmission mount in three different places.

The rear hole (3) offers more stability, while the front hole (1) offers more steering and rotation.

The centre hole (2) gives a compromise of both.

Multiple holes can be used to provide more stability.



FRONT UPPER INNER LINK LENGTH

The upper link length can be adjusted using speed secret CF link mounts - 1dot - U8781.

These shorten the upper link length by 1mm and are best suited to higher grip conditions. They will prevent some chassis roll and create less grip at whichever end of the car they are fitted to. Fitting to both front and rear will result in a freer car with more agility and rotation.





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62	2.34	2.37	2.40	2.43	2.46	2.49	2.52	2.55	2.58	2.60	2.63	2.66	2.69																		
61		2.41	2.44	2.47	2.50	2.53	2.56	2.59	2.62	2.65	2.68	2.71	2.74	2.77																	
60			2.48	2.51	2.54	2.57	2.60	2.63	2.66	2.69	2.72	2.75	2.78	2.81	2.84																
59				2.55	2.58	2.61	2.65	2.68	2.71	2.74	2.77	2.80	2.83	2.86	2.89	2.92															
58					2.63	2.66	2.69	2.72	2.75	2.78	2.82	2.85	2.88	2.91	2.94	2.97	3.00														
57						2.71	2.74	2.77	2.80	2.83	2.87	2.90	2.93	2.96	2.99	3.03	3.06	3.09													
56							2.79	2.82	2.85	2.88	2.92	2.95	2.98	3.01	3.05	3.08	3.11	3.14	3.18												
55								2.87	2.90	2.94	2.97	3.00	3.04	3.07	3.10	3.14	3.17	3.20	3.23	3.27											
54									2.96	5 2.99	3 3.03	2 3.06	5 3.09	3.13	2 3.16	5 3.19	9 3.23	2 3.26	3.29	9 3.33	3 3.36	9									
2 53										3.05	4 3.08	8 3.12	1 3.1	5 3.19	8 3.27	2 3.2	5 3.29	9 3.32	2 3.3(6 3.39	9 3.43	3 3.4(9								
52											3.1	4 3.1	7 3.2	1 3.2	5 3.2	8 3.3	2 3.3	5 3.3	9 3.4	2 3.4	6 3.4	0 3.5	3 3.5	2							_
51												3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.6	3.6	3.6							
50													3.34	3.38	3.41	3.45	3.49	3.52	3.56	3.60	3.63	1 3.67	3.70	3.74	3.78						
49														3.45	3.48	3.52	3.56	3.59	3.63	3.67	3.71	2.74	3.78	3.82	3.85	3.89					
48															3.5(3.5	3.63	3.67	3.7'	3.75	3.78	3.82	1 3.86	3.9(3.93	3.97	4.0				
47																3.67	9 3.71	3 3.75	7 3.79	1 3.82	5 3.86	3.90	3 3.94	7 3.98	1 4.02	5 4.06	3 4.10	2 4.13	6		
46				_													3.79	1 3.83	5 3.87	3.9′	4 3.9	3.99	2 4.03	5 4.07	0 4.1′	4.1	3 4.18	2 4.22	5 4.20	_	
45																		3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.2	4.2	4.2	4.3	4.3	4.4	_
44																			4.04	4.09	4.13	4.17	4.21	4.25	4.29	4.33	4.38	4.42	4.46	4.50	4.54
43																				4.18	4.22	4.27	4.31	4.35	4.39	4.43	4.48	4.52	4.56	4.60	4.65
42																					4.32	4.37	4.41	4.45	4.50	4.54	4.58	4.63	4.67	4.71	4.76
41																						4.47	4.52	4.56	4.61	4.65	4.70	4.74	4.78	4.83	4.87
40																							4.63	4.68	4.72	4.77	4.81	4.86	4.90	4.95	5.00
39																								4.80	4.84	4.89	4.94	4.98	5.03	5.08	5.12
38																									4.97	5.02	5.07	5.11	5.16	5.21	5.26
37																										5.15	5.20	5.25	5.30	5.35	5.40
36																											5.35	5.40	5.45	5.50	5.55
35																												5.55	5.61	5.66	5.71
34																													5.77	5.82	5.88
33																														6.00	6.06
n 32																															6.25
Spur Pinio	80	81	82	83	84	<u>98</u>	86	87	88	89	06	16	52	83	94	95	96	97	8 6	66	100	101	102	103	104	105	106	107	108	109	110



Gear Chart 48DP - Maximum Tooth Sum = 116 - Minimum Tooth Sum = 106 - Internal Ratio = 1.8181:1

46	2.7;	2.7(
45	2.78	2.82	2.86											
44	2.85	2.89	2.93	2.97										
43	2.91	2.95	3.00	3.04	3.08									
42	2.98	3.03	3.07	3.11	3.16	3.2								
41	3.05	3.10	3.14	3.19	3.23	3.28	3.32							
40	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45						
39	3.21	3.26	3.31	3.35	3.40	3.44	3.49	3.54	3.58					
38	3.3	3.34	3.39	3.44	3.49	3.54	3.58	3.63	3.68	3.73				
37	3.39	3.43	3.48	3.53	3.58	3.63	3.68	3.73	3.78	3.83	3.88			
36		3.53	3.58	3.63	3.68	3.73	3.78	3.83	3.88	3.93	3.98	4.04		
35			3.68	3.74	3.79	3.84	3.89	3.94	4.00	4.05	4.10	4.15	4.20	
34				3.85	3.90	3.95	4.01	4.06	4.11	4.17	4.22	4.27	4.33	4.38
33					4.02	4.07	4.13	4.18	4.24	4.29	4.35	4.4	4.46	4.51
32						4.20	4.26	4.31	4.37	4.43	4.48	4.54	4.60	4.65
31							4.39	4.45	4.51	4.57	4.63	4.69	4.75	4.80
30								4.60	4.66	4.72	4.78	4.84	4.90	4.96
29									4.82	4.89	4.95	5.01	5.07	5.14
28										5.06	5.12	5.19	5.25	5.32
27											5.31	5.38	5.45	5.52
26												5.59	5.66	5.73
25													5.89	5.96
24														6.21
Spur Pinion	69	70	71	72	73	74	75	76	11	78	62	80	81	82

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OPTION PARTS



48DP SPUR GEARS AM348069 - Spur Gear 48p - 69T AM348070 - Spur Gear 48p - 70T AM348071 - Spur Gear 48p - 71T AM348072 - Spur Gear 48p - 72T AM348073 - Spur Gear 48p - 73T AM348074 - Spur Gear 48p - 74T AM348075 - Spur Gear 48p - 75T AM348078 - Spur Gear 48p - 78T AM348081 - Spur Gear 48p - 81T AM348082 - Spur Gear 48p - 82T

64DP SPUR GEARS

AM364090 - Spur Gear 64p - 90T
AM364092 - Spur Gear 64p - 92T
AM364094 - Spur Gear 64p - 94T
AM364096 - Spur Gear 64p - 96T
AM364098 - Spur Gear 64p - 98T
AM364100 - Spur Gear 64p - 100T
AM364102 - Spur Gear 64p - 102T
AM364104 - Spur Gear 64p - 104T
AM364106 - Spur Gear 64p - 106T
AM364108 - Spur Gear 64p - 108T
AM364110 - Spur Gear 64p - 110T
U8318 - Stock spur Gear 64dp - 92T
U8253 - Stock spur Gear 64dp - 98T
U8254 - Stock spur Gear 64dp - 104T
U8255 - Stock spur Gear 64dp - 108T



U3582 - Precision Balance Pivot Set



U8774 - Brass Circular Weight 10g (pk4)



CR280 - Ti Pro Ball Studs - Short (pr) U7828 - Ti Ball Stud Low - Ultra Short (pk4) U7829 - Ti Ball Stud Low - Short (pk4)





U8772 - Alloy Spring Seats (pk4)



CR304 - Titanium Wheel Nuts M4 (pk4) Lightweight Option



U8773 - Brass Circular Weight 5g (pk4)



U4330 - Impact Servo Saver Springs



U8762 - Alloy Narrow Wheel Hex (-0.75mm) (pr)



U8776 - Alloy Eccentric Housings Kit Spec Dimensions (pr)





U8777 - Alloy Eccentric Housings +0.5mm Offset (pr)



OPTION PARTS



U8770 - K-Coat Nano Shock Body (pk4)



U8065 - M3 Alloy Thread Inserts pk8 Lightweight Performance Option



U7827 - Alloy LiPo Mount pr Durability Option



U8753 - Anti Roll Bar Set - 1.1mm, 1.2mm, 1.3mm and 1.4mm (pk8) Tuning Option

U8781 - C/F 1 Notch Front Link Mount (pr)



U8137- Mass Damper Set Tuning Option

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U9064 - C/F Longitudinal Stiffness Brace



U9066 - 60g Front Under Axle Weight Set (pr)



AX097 - Aerox Digital Castor Gauge Set



U9008 - Brass LiPo Hook (pr)





U9065 - Alloy Lock Stop Posts (pr)



U7839 - C/F LiPo Swivel (pr) U8334 - Alloy LiPo Swivel (pr)



SPARES LISTS

Chassis Parts

U119	Aerial Tube - Pack 4
U2231	Servo Arms
U4710	Alloy Servo Post pr - SS/GT,A1,E1,Icon
U4773	Aerial Mount
U4950	Body Posts 4pcs
U7750	LiPo Mounting Mouldings set - Mi7-9,FT8,Mi9,Neon
U7783	Dowel Bush pk4 - Mi7,FT,Mi8,Mi9
U8316	Front Bumper Mouldings - Mi8,FT8,Mi9,Neon
U8728	Alloy Trans Housing Low (Kit) - Mi9 (pr)
U8756	C/F Split Front Shock Mount - Mi9 (pr)
U8757	C/F Front Link Mount - Mi9 (pr)
U9041	C/F Chassis - FT9
U9044	Rear Alloy Transmission Housing (pr) - FT9
U9046	Alloy Motor Mount - FT9
U9049	C/F Front Top Deck - FT9
U9050	C/F Rear Top Deck - FT9
U9051	C/F Rear Body Mount - FT9
U9052	Alloy Upper Shock Mount Rear - FT9
U9058	C/F Servo Bracket - FT9
U9059	Brass Bumper Weight - FT9
U9061	Foam Bumper - FT9
U9062	C/F Bumper Stop - FT9
U9063	Alloy Chassis - FT9

Shock Absorbers

U4557 Shock Seal Cap 1pr - Mi5evo,Mi7,FT8,Mi9,Neon U7463 Ultra Short Shock Seal O Ring pk4 - Mi6-9,FT8,Neon U7537 Ultra Short Shock Piston 4H pr - Mi6-9, FT8, Neon Ultra Short Shock Shims (3.3x6.7x0.05)-Mi6-9,FT8,N U7545 U8710 Nano Shock Diaphragm - Mi9 (pk8) Nano Shock Top Ring - Mi9 (pr) U8711 Nano Shock Top Socket - Mi9 (pr) U8712 U8713 Nano Shock Shaft - Mi9 (pr) Nano Shock Body - Mi9 (pr) U8714 U8715 Nano Shock Collar O-ring - Mi9 (pk4) U8716 Nano Alloy Shock Collar - Mi9 (pr) Nano Shock Spring Seat - Mi9 (pr) U8717 U8718 Nano Lower Shock Socket - Mi9 (pk4) Lower Shock Ball - Mi9 (pk4) U8719 U8788 Nano Shock Set - Mi9 (pk4) U8797 Nano Shock Rebuild Kit - Mi9 (pk4)

Springs

CR840	CORE RC Hi Response TC Spring 1.9 - White
CR841	CORE RC Hi Response TC Spring 2.1 - Red
CR842	CORE RC Hi Response TC Spring 2.3 - Green
CR843	CORE RC Hi Response TC Spring 2.5 - Blue
CR844	CORE RC Hi Response TC Spring 2.6 - Black
CR845	CORE RC Hi Response TC Spring 2.7 - Orange
CR846	CORE RC Hi Response TC Spring 2.8 - Yellow
CR847	CORE RC Hi Response TC Spring 2.9 - Purple
CR848	CORE RC Hi Response TC Spring 2.2-2.9 Brown
CR849	CORE RC Hi Response TC Spring 3.1 - Grey
CR850	CORE RC Hi Response TC Spring 3.3 - Pink
CR851	CORE RC Hi Response TC Spring 3.5 - Grn/Yellow
CR852	CORE RC Hi Response TC Spring Set - Soft
CR853	CORE RC Hi Response TC Spring Set - Med
CR854	CORE RC Hi Response TC Spring Set - Hard

Suspension

U4242	Roll Bar Socket pk4 - Mi5-Mi7,ST/2
U4547	Ball Sockets Long Pro Black pk8
U4900	Roll Bar Clamp pr - Mi6/evo,Mi8,FT8,Mi9
U4904	Precision Ball Stud Short - pk4
U750	Ball Grippa Joints-Short Stud 8prs
U7675	Shock Pivot Ball 5.5mm (pk4)
U7747	Wishbone ARB Mount - Mi7,Mi8,FT8,Mi9 (pr)
U7832	Ball Stud Low (Ultra Short) (pk4)
U7833	Ball Stud Low (Short) (pk4)
U7834	Ball Stud Low (Long) (pk4)
U7971	Steering Pivot and Spacer - CAT L1 EVO/R (pr)
U8219	Alloy ARB Drop Link - Mi8,FT8,Mi9 (pr)

U8235 Alloy Upper Link Pivot Rear-Mi8,FT8,Mi9 (pr) Alloy Upper Link Pivot Front-Mi8,FT8,Mi9 (pr) U8252 U8259 Roll Bar Socket - Mi8,FT8,Mi9 (pk4) U8261 Alloy Shock Top Ball - Mi8,FT8,Mi9,Neon (pr) Alloy M3 Turnbuckle - 25mm - Black (pr) U8263 U8264 Alloy M3 Turnbuckle - 35mm - Black (pr) Alloy M3 Turnbuckle - 45mm - Black (pr) U8265 Wheel Hex Spacers 0.25, 0.5, 0.75mm - (pk12) U8333 U8744 Allov Wishbone Spacer 0.5mm - Mi9 (pk8) U8745 Alloy Wishbone Spacer 1mm - Mi9 (pk8) U8747 Inner Wishbone Ball - Mi9 (pk4) U8752 Outer Wishbone Ball Stud - Mi9 (pk4) U8769 Wishbone Outer Socket - Mi9 (pk4) U8783 Black Upper Link Sockets - Mi9 (4 prs) U8784 Black 5.5mm Pivot Ball Socket - Mi9 (pk8) C/F Rear Wishbone - FT9 U9042 U9043 C/F Front Wishbone - FT9 U9045 Alloy Radius Arm - FT9 Radius Arm Pivot and Thrust Spacer - FT9 U9047 U9048 Nano Ball Stud (pk4) - FT9 U9053 C/F FL Steering Arm - FT9 U9054 C/F FR Steering Arm - FT9 U9055 C/F RR Steering Arm - FT9 C/F RL Steering Arm - FT9 U9056 U9067 Hub Carrier Med (pr) - FT9

Bearings and Balls

U3136	Ball Bearing - 5x8x2.5 - Shield (pr)
U4943	Ball Bearing - 1/8 x1/4 Shield - (pr)
U8320	Ball Bearing 3/16"x5/16" Yellow (pr)
U8790	Ball Bearing 6x10x3 Yellow Shield - pr
U8798	Ball Bearing 1.5x4x2 Shield - pr

Transmission

Spur Gear 64P - 110T AM364110 U7735 Diff Gears and Pin - Mi7, Mi8, FT8, Mi9 Alloy Wheel Hex - Mi9 (pr) U8720 U8723 Gear Diff Rebuild Kit - Mi9 Gear Diff Mouldings - Mi9 U8724 Eccentrics - Plastic (Kit) - Mi9 (pr) U8725 Diff Output Shaft - Mi9 (pr) U8726 Front Axle - Mi9 U8731 U8732 Front Driveshaft Bone - Mi9 Driveshaft Yoke Outer - Mi9 U8733 U8734 Front Driveshaft Cage - Mi9 U8735 Driveshaft Spring Clip - Mi9 (pr) U8736 Driveshaft Pin Outer - Mi9 (pr) U8737 Driveshaft Yoke Inner - Mi9 each U8738 Front Double Joint Driveshaft - Mi9 (pr) U8740 Wheel Bearing Spacer - Mi9 (pr) Diff/Spool End Float Shim 6x7.7x0.1mm - Mi9 (pk4) U8748 U8749 Diff Output - Mi9 (pr) U8789 Gear Diff Set - Mi9 Layshaft - Neon U8860 Layshaft Pulley Set - FT9 U9040 U9057 Alloy Rear Axle (pr) - FT9 U9060 76T x 3.0mm Belt - FT9 U9068 Ball Bearing Set - FT9 (24pcs)

Bodyshells & Decals

MT017005	Montech Rally/FWD WR4 Body
MT019007	Montech Mito RX FWD Body
MT019017.1	Montech - 308 TCR 2.0 FWD
MT020008	Montech New GT1 Vision FWD
MT021016	Montech Mitopista FWD Body
MT022003	Montech M.R. Sport FWD body
MT022003L	Montech M.R. Sport FWD body
MT022008	Montech RS6 FWD Body
MT023001	Montech CIVIC FWD Body
MT023001L	Montech CIVIC FWD Body
KTMTB0420-07	Xtreme FWD RSX Body
KTMTB0422-07	Xtreme ITALIA FWD Body



SPARES LISTS

Hardware

AX034	Aerox Handed Body Clips - Black (pk8)
CR517	M3 Alloy Nyloc Nuts-Low Profile-Black pk10
CR879	CORE RC - Serrated M4 Steel Black Wheel Nut pk4
U1547	SPEED PACK - M3 Nuts
U1633	SPEED PACK - Small Pins (pk)
U1960	SPEED PACK - O Rings, Various
U2947	SPEED PACK - M2.5 Washers (pk8)
U3021	SPEED PACK - M3x6 Csk Hd - (pk10)
U3022	SPEED PACK - M3x8 Csk Hd - (pk10)
U3023	SPEED PACK - M3x10 Csk Hd - (pk10)
U3024	SPEED PACK - M3x12 Csk - M3 x 10 Button Screws
U3131	SPEED PACK Alloy Spacers - M3x7mm 0.5;1;2mm
U4155	SPEED PACK - M3 Csk Washers - Black Alloy (pk10)
U4156	SPEED PACK - M2.5 x 8 Cap SS (4 pcs)
U4210	SPEED PACK - Pinion Grub Screw Set pk10
U4241	SPEED PACK - M3 Alloy Nyloc Nuts - Black - pk10
U4314	SPEED PACK - Alloy Black M3 Washers - 18pc
U4836	SPEED PACK Grub Screw M3 x 8mm Cup Point (10pcs)
U4862	M3 Black Alloy Washers 0.5mm (pk12)
U7102	SPEED PACK - M3x4 Button Hd (pk10)
U7103	SPEED PACK - M3x6 Button Hd (pk10)
U7104	SPEED PACK - M3x8 Button Hd (pk10)
U7105	SPEED PACK - M3x10 Button Hd (pk10)
U7106	SPEED PACK - M3x12 Button Hd (pk10)
U7107	SPEED PACK - M3x16 Button Hd (pk10)
U7112	SPEED PACK - M3x8 Cap Hd (pk10)
U/122	SPEED PACK - M3x12 Csk Hd (pk10)
07538	SPEED PACK M2x6 CSK pk 10
U/6//	SPEED PACK - M2.5x8 Csk Hd (pk10)
07707	M3 Steel Washers (pk10)
07710	M3 Black Alloy Washers 1.00mm (pk10)
U7711	M3 Black Alloy Washers 2.00mm (pk10)
07712	M3 Black Alloy Washers 3.00mm (pk10)
07751	M3X8 Grub Screw Dome End (pk4)
08168	5 X 1 U ring (pK10)
08275	Plastic washer Set 1, 1.5,2,3,4mm (20 pcs)
08351	M3x5 USK H0 (PK10) M3x4 Crub Serew Cup Deint (pk10)
00000	Steel Spenner 2 0/5 5mm Mi0
00709	Steel Spanner S.9/S.Smin - Mig
118704	M3 Brass Black Throad Insorte _ pk10
118808	M2 5 Thread Inserts (pk10)
1 18929	Driveshaft F-Clin $V2 - Mi9 (nk10)$
118030	SPEED PACK - M2 x 4 Button Hd -1 5 Hev (nk 10)
119038	SPEED PACK - M2 5x5 Button Hd (nk10)
U9039	SPEED PACK - M4 Allov Nyloc Nuts - Black - pk10
20000	CI LEB I MORT MILLING THE DIRON PRIO

Pinions

CR4824	Pinion Gear 48DP 24T (7075 Hard)
CR4825	Pinion Gear 48DP 25T (7075 Hard)
CR4826	Pinion Gear 48DP 26T (7075 Hard)
CR4827	Pinion Gear 48DP 27T (7075 Hard)
CR4828	Pinion Gear 48DP 28T (7075 Hard)
CR4829	Pinion Gear 48DP 29T (7075 Hard)
CR4830	Pinion Gear 48DP 30T (7075 Hard)
CR4831	Pinion Gear 48DP 31T (7075 Hard)
CR4832	Pinion Gear 48DP 32T (7075 Hard)
CR4833	Pinion Gear 48DP 33T (7075 Hard)
CR4834	Pinion Gear 48DP 34T (7075 Hard)
CR4835	Pinion Gear 48DP 35T (7075 Hard)
CR4836	Pinion Gear 48DP 36T (7075 Hard)
CR4837	Pinion Gear 48DP 37T (7075 Hard)
CR4838	Pinion Gear 48DP 38T (7075 Hard)
CR4839	Pinion Gear 48DP 39T (7075 Hard)
CR4840	Pinion Gear 48DP 40T (7075 Hard)
CR4841	Pinion Gear 48DP 41T (7075 Hard)
CR4842	Pinion Gear 48DP 42T (7075 Hard)
CR4843	Pinion Gear 48DP 43T (7075 Hard)
CR4844	Pinion Gear 48DP 44T (7075 Hard)
CR4845	Pinion Gear 48DP 45T (7075 Hard)
CR4846	Pinion Gear 48DP 46T (7075 Hard)
CR6432	Pinion Gear 64DP 32T (7075 Hard)

CR6433	Pinion Gear 64DP 33T (7075 Hard
CR6434	Pinion Gear 64DP 34T (7075 Hard
000404	Dinion Cean C4DD 25T (7075 Hand
CR0435	Pinion Gear 64DP 351 (7075 Hard
CR6436	Pinion Gear 64DP 36T (7075 Hard
CR6437	Pinion Gear 64DP 37T (7075 Hard
CR6438	Pinion Gear 64DP 38T (7075 Hard
CR6/30	Pinion Cear 6/DP 30T (7075 Hard
00439	
CR6440	Pinion Gear 64DP 401 (7075 Hard
CR6441	Pinion Gear 64DP 41T (7075 Hard
CR6442	Pinion Gear 64DP 42T (7075 Hard
CR6443	Pinion Gear 6/DP /3T (7075 Hard
000444	Pinion Ocar 04DD 44T (7075 Hand
CR6444	Pinion Gear 64DP 441 (7075 Hard
CR6445	Pinion Gear 64DP 45T (7075 Hard
CR6446	Pinion Gear 64DP 46T (7075 Hard
CR6447	Pinion Gear 64DP 47T (7075 Hard
0000110	Dinion Coor 64DD 49T (7075 Hard
CR0440	Fillion Geal 04DF 461 (7075 Haid
CR6449	Pinion Gear 64DP 491 (7075 Hard
CR6450	Pinion Gear 64DP 50T (7075 Hard
CR6451	Pinion Gear 64DP 51T (7075 Hard
CR6452	Pinion Gear 6/DP 52T (7075 Hard
00452	Pinion Gear 04DD 52T (7075 Hard
CR6453	Pinion Gear 64DP 531 (7075 Hard
CR6454	Pinion Gear 64DP 54T (7075 Hard
CR6455	Pinion Gear 64DP 55T (7075 Hard
CR6456	Pinion Gear 64DP 56T (7075 Hard
	Dinion Coor 64DD 57T (7075 Hard
CR0457	Fillion Geal 04DF 5/1 (7075 Hald
CR6458	Pinion Gear 64DP 581 (7075 Hard
CR6459	Pinion Gear 64DP 59T (7075 Hard
CR6460	Pinion Gear 64DP 60T (7075 Hard
CR6461	Pinion Gear 64DP 61T (7075 Hard
010401	Dinion Cean C4DD C1T (7075 Hard
CR0402	Pinion Gear 64DP 621 (7075 Hard
CR6463	Pinion Gear 64DP 63T (7075 Hard
U3424	Pinion; Hard Alloy 48dp - 24T
LI3425	Pinion Hard Alloy 48dp - 25T
112426	Dinion; Hard Alloy (19dp 26T
03420	Pinion, Hard Alloy 40dp - 201
03427	Pinion; Hard Alloy 48dp - 27 I
U3428	Pinion; Hard Alloy 48dp - 28T
U3429	Pinion; Hard Alloy 48dp - 29T
U3430	Pinion Hard Alloy 48dp - 30T
112424	Dinion; Hard Alloy (19dp 21T
03431	Pinion, Hard Alloy 40dp - 511
03432	Pinion; Hard Alloy 48dp - 321
U3433	Pinion; Hard Alloy 48dp - 33T
U3434	Pinion: Hard Allov 48dp - 34T
113435	Pinion Hard Alloy 48dn - 35T
00400	Disions Lland Alloy 40dp - 001
03430	
03437	Pinion; Hard Alloy 48dp - 371
U3438	Pinion; Hard Alloy 48dp - 38T
U3439	Pinion: Hard allov 48dp - 39T
113440	Pinion: Hard Alloy 48dn - 40T
00440	Disions Lland Alloy Codp - 401
03632	Pinion; Hard Alloy 640p - 321
U3633	Pinion; Hard Alloy 64dp - 33T
U3634	Pinion; Hard Alloy 64dp - 34T
U3635	Pinion Hard Allov 64dp - 35T
113636	Pinion; Hard Alloy 61dp 36T
03030	
03637	Pinion; Hard Alloy 64dp - 371
U3638	Pinion; Hard Alloy 64dp - 38T
U3639	Pinion: Hard Allov 64dp - 39T
113640	Pinion Hard Alloy 64dn - 40T
112644	Dinion, Hard Alloy 64dp - 401
03041	
U3642	Pinion; Hard Alloy 64dp - 42T
U3643	Pinion; Hard Alloy 64dp - 43T
U3644	Pinion: Hard Allov 64dp - 44T
113645	Pinion: Hard Alloy 64dp - 45T
112640	Dision, Hard Alloy 044p - 451
03040	Pinion; Hard Alloy 640p - 461
U3647	
	Pinion; Hard Alloy 64dp - 47T
U3648	Pinion, Hard Alloy 64dp - 47T Pinion, Hard Alloy 64dp - 48T
U3648 U3649	Pinion; Hard Alloy 64dp - 47T Pinion; Hard Alloy 64dp - 48T Pinion: Hard Alloy 64dp - 49T
U3648 U3649	Pinion; Hard Alloy 64dp - 47T Pinion; Hard Alloy 64dp - 48T Pinion; Hard Alloy 64dp - 49T Pinion; Hard Alloy 64dp - 50T



SPARES LISTS

Options

AM14CS3	3005W Screw Allen Csk M3 x 5 Tungsten (10)
AM64000	1 64 Ti Screw Allen Csk M3 x 5 (5)
AM64000	2 64 Ti Screw Allen Csk M3 x 6 (5)
AM64000	3 64 Ti Screw Allen Csk M3 x 8 (5)
AM64000	4 64 Ti Screw Allen Csk M3 x 10 (5)
AM64000	5 64 Ti Screw Allen Csk M3 x 12 (5)
AM64003	0 64 Ti Screw Allen Round Head M3 x 4 - (5)
AM64003	2 64 Ti Screw Allen Round Head M3 x 6 (5)
AM64003	3 64 Ti Screw Allen Round Head M3 x 8 (5)
AM64003	4 64 Ti Screw Allen Round Head M3 x 10 (5)
AM64003	5 64 Ti Screw Allen Round Head M3 x 12 (5)
AM64003	7 64 Ti Screw Allen Round Head M3 x 16 (5)
AX009	Aerox Alloy Servo Arm - Short 25T Futaba
AX010	Aerox Alloy Servo Arm - Short 23T KO/Sanwa
AX067	AEROX LP1s 1/10th Brushless Servo - Mi9
CR117	Alloy Servo Arm; Futaba Black
CR192	Alloy Servo Arm 25T - Futaba Short
CR280	Ti Pro Ball Studs - Short - (pr)
CR304	Titanium Wheel Nuts M4 - pk4
CR310	Alloy Csk Hex Screws M3 x 6 pk10
CR311	Alloy Csk Hex Screws M3 x 8 pk10
CR312	Alloy Csk Hex Screws M3 x 10 pk10
CR313	Alloy Csk Hex Screws M3 x 12 pk10
CR314	Alloy Button Head Hex Screws M3 x 6 pk10
CR315	Alloy Button Head Hex Screws M3 x 8 pk10
CR316	Alloy Button Head Hex Screws M3 x 10 pk10
CR317	Alloy Button Head Hex Screws M3 x 12 pk10
CR320	Titanium Csk Hex Screws M3 x 6 pk10
CR321	Titanium Csk Hex Screws M3 x 8 pk10
CR322	Titanium Csk Hex Screws M3 x 10 pk10
CR323	Titanium Csk Hex Screws M3 x 12 pk10
CR327	Titanium Button Head Hex Screws M3 x 6 pk10
CR328	Titanium Button Head Hex Screws M3 x 8 pk10
CR329	Titanium Button Head Hex Screws M3 x 10 pk10
CR330	Titanium Button Head Hex Screws M3 x 12 pk10
CR868	Threaded Square 5g Weight - (pk4)
CR869	Threaded Rectangular 7.5g Weight - (pk4)
MR33-AA	S23T MR33 Adjustable Servo Horn 23t Sanwa
MR33-AAS25T MR33 Adjustable Servo Horn 25t Futaba	
U3582	Precision Balance Pivot Set
U4221	Turnbuckle Adjuster HTT - 24mm - pr
U4223	Turnbuckle Adjuster HTT - 45mm - pr

U4298	Turnbuckle HT - 35mm - pr
U4330	Impact Servo Saver Springs
U4344	Ceramic Bearing - 5x8x2.5 Shield - (pr)
U7313	Titanium Turnbuckle - 24mm - Silver - pr
U7314	Titanium Turnbuckle - 30mm
U7317	Titanium Turnbuckle - 45mm - Silver - pr
U7400	Titanium Low Profile M4 Serrated Nut (pk4)
U7536	Ultra Short Shock Piston 3H pr - Mi6/evo-Mi9
U7824	Titanium Pivot Ball 5.5mm High (pr)
U7827	Alloy LiPo Mount pr - Mi7,FT,Mi8,FT8,Mi9,Neon
U7828	Titanium Ball Stud Low (Ultra Short) (pk4)
U7829	Titanium Ball Stud Low (Short) (pk4)
U7837	C/F Upper Bumper - Mi7,FT,Mi8,FT8,Mi9,Neon
U7839	C/F LiPo Swivel pr - Mi7-Mi9,FT,FT8,LD3,ST2,Neon
U8065	M3 Alloy Thread Insert pk8
U8137	Mass Damper Set
U8197	Servo Saver Kit - LD2/3
U8253	CNC Stock Spur Gear 98T 64DP - Mi8,FT8,Mi9
U8254	CNC Stock Spur Gear 104T 64DP - Mi8,FT8,Mi9
U8255	CNC Stock Spur Gear 108T 64DP - Mi8,FT8,Mi9
U8318	CNC Stock Spur Gear 92T 64DP - Mi8,FT8,Mi9
U8334	Alloy LiPo Swivel - Mi8-9,L1R,FT8,ST2,LD3,Ne (pr)
U8729	Alloy Trans Housing High (Option +2mm) - Mi9 (pr)
U8730	Alloy Hub Carrier - Mi9 (pr)
U8753	Anti-Roll Bar Wire Set - Mi9 (pk8)
U8762	Alloy Narrow Wheel Hex (-0.75mm) - Mi9 (pr)
U8768	Alloy Lower Shock Mount - Mi9 (pk4)
U8770	K-Coat Nano Shock Body - Mi9 (pk4)
U8771	Alloy Castor Pointer - Mi9 (pr)
U8772	Alloy Spring Seat - Mi9 (pk4)
U8773	Brass Circular Weight 5g (pk4)
U8774	Brass Circular Weight 10g (pk4)
U8776	Alloy Eccentric (Kit Spec Dimensions) - Mi9 (pr)
U8777	Alloy Eccentric (+0.5mm Offset) - Mi9 (pr)
U8781	C/F 1 Notch Front Link Mount - Mi9 (pr)
U8782	Ti Lower Shock Ball 5mm (2mm Hex) - Mi9 (pk4)
U8799	Pro Ball Bearing 6x10x3 - pr
U8903	Pro Ball Bearing 3/16 x 5/16 x 1/8 (pr)
U9008	Brass Lipo Hook (pr) - Mi8,Mi9
U9064	C/F Longitudinal Stiffness Brace - F19
U9065	Alloy Lock Stop Post (pr) - F19
U9066	60g Front weight Set (Under Axle) - F19
U9069	Pro Transmission Ball Bearing Set - FT9 (12pcs)







