

XRAY

®



DESIGNED BY *Jimmy Hendry*

LUXURY MODEL RACING CARS 2005



XRAY M18T

IT'S MICRO, IT'S A TRUCK, IT'S XRAY

AVANT-GARDE
PRESTIGE
DYNAMICS
ELEGANCE



The all-new XRAY M18T is truly the first micro truck that is capable of transforming from a racer to a monster truck. Imagine, a lightweight high performance 4x4 racer that can transform into a huge mini monster truck capable of handling all that you can find for it. Race it...Jump it...Climb it...with the one and only M18T...From XRAY...Of course.

The all new M18T is a unique 1/18 scale micro sized truck that was designed by the world famous Xray design team for all out fun and enjoyment. Whether you race it or bash it you are going to love it.



#380500 M18T
KIT ONLY

#380591 M18T
**KIT INCLUDING
POWER PACK PRO**

POWER PACK

#389102 Xray M18 Power Pack Pro - Available Option



Micro SuperSize 300 Motor

XMC 300R Speed Controller

Micro 6-cell 1200 Battery Pack

Micro Servo

1/18 MICRO TRUCK SHAFT-DRIVE 4WD



HIGH PERFORMANCE PARTS

M18T includes:

- set of low pin rubber tires + wheels
- 1/18 micro racing truck body
- pinion set
- HUDY phillips screwdriver for comfortable assembly



FREE BONUS >>>

Optional electronic kit:

Power Pack Pro #38 9102

- Speed controller with reverse
- 300 super size motor
- 6 cell 1200NiMH battery pack
- Steering servo with metal gears

Main features:

- 1/18 professional 4WD high competition shaft driven micro truck
- optional conversion set transforms the truck into a monster truck
- maximum efficiency drivetrain includes 16 high-speed ball-bearings
- fully independent front and rear suspension
- oil-filled coil-over shocks
- servo saver included
- adjustable turnbuckles
- front and rear adjustable ball differentials
- adjustable shock position for damping adjustment
- easily-adjustable motor mount
- chassis accommodates 5 or 6 cell battery packs
- extensive line of micro electronics and optional parts from Xray

Technical specifications:

- length (without body): 211 mm
- wheelbase: 150mm
- front width (outside rims): 178mm
- rear width (outside rims): 180mm
- weight: cca 295g
- internal gear ratio: 2.5

With a simple Monster Conversion kit you can make this big little truck even bigger. The unique well thought out design allows the addition of four more oil filled shocks, (8 in total), 30% larger tires with a traditional monster tread pattern that helps you crush and climb all that dares to challenge the M18T.



XRAY M18

IT'S FUN, IT'S MICRO, IT'S XRAY

AVANT-GARDE
PRESTIGE
DYNAMICS
ELEGANCE

The new XRAY M18 is a unique 1/18 micro-sized model racing car that is the epitome of fine distinctive design of a high-competition racing car. M18 offers highest performance, responsive handling, and traditionally exceptional XRAY quality, engineering, and design.

The superb craftsmanship and attention to detail are clearly evident everywhere on the M18... the high-performance 4WD drive shaft drivetrain... the well thought out chassis layout... the fully independent suspension... the smooth flowing design of every part...

On high-speed asphalt tracks or short twisty indoor tracks, whether driving for fun or racing to win, the M18 delivers outstanding performance, speed, and precision handling. M18 - your licence to win.



HIGH PERFORMANCE PARTS

M18 includes:

- set of rubber tires + wheels
- 1/18 micro body 150mm
- front foam bumper
- pinion set
- drive train includes 16 high speed ball-bearings
- HUDY Phillips screwdriver



FREE BONUS >>>

M18 uses:

- 150mm micro bodies
- standard micro wheels and tires
- standard micro motors
- standard or micro electronics
- micro steering servo recommended

Main specifications:

- 1/18 professional 4WD high competition shaft-drive micro car
- high performance racing characteristics of 1/10 touring cars
- easily adjustable: front/rear width, body posts, downstops, motor mount, toe-in
- drivetrain includes 16 high-speed bearings for maximum efficiency and speed
- ultra low center of gravity
- maximum drive train efficiency
- fully independent front and rear suspension
- front and rear gear differentials
- adjustable shock position for damping adjustment
- coil-over shocks for precise chassis handling
- extensive line of micro electronics and option parts from Xray



XRAY offers a wide range of option parts for XRAY M18. The above pictures show the M18 with Graphite Conversion Set for 300 Super Size Motor #381151. For complete list of option parts please see the last page.



POWER PACK

#389100 Xray M18 Power Pack - Available Option



Micro Stock Motor

XMC180 Speed Controller

Micro Battery Pack

Micro Servo

1/18 MICRO CAR SHAFT-DRIVE 4WD

XRAY T1M

IT'S COOL, IT'S MINI, IT'S XRAY



The T1 Mini is designed to accommodate a 4-cell battery pack. This Mini Touring car is a great car for fun racing, it is much easier to drive than standard touring cars, it is much more affordable, and motor wear is reduced but the performance is outstanding!

Take a break from the highly competitive touring car class and enjoy a lot of fun with racing this great mini touring car!



T1M is a "scaled-down" version of the successful T1 touring car that features a scaled-down versions of the graphite chassis, graphite top deck, front and rear graphite shock towers, graphite battery holder, upper links, along with narrowed double wishbone suspension, shortened drive shafts, and shorter front drive belt.

The T1M accommodates all standard option parts and spare parts available for the entire T1 family.



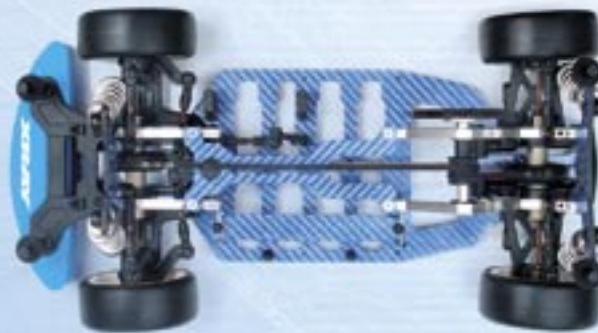
HIGH PERFORMANCE PARTS

Adjustment possibilities:

- fully adjustable front and rear suspension geometry: caster, camber, toe-in, anti-dive, anti-squat, ride height, downstop, track width, roll center, wheelbase (9mm range)
- externally adjustable front and rear ball differentials
- adjustable bulkheads for belt tightness control
- adjustable spring steel turnbuckles (steering and upper links)
- multiple upper and lower shock mounting locations for front and rear
- externally adjustable racing shocks (4-step)
- pre-drilled chassis centerline holes for chassis balancing

Main features:

- based on the extremely successful T1 concept
- extremely easy to build and fun to race
- pure design, long life, ultra-stiff chassis
- very easy assembly/disassembly and maintenance
- fully independent, fully adjustable suspension
- efficient 2-belt, 4-wheel drive system with low CG
- lightweight, externally adjustable, long wear ball differentials (heat treated and hardcoated) with Labyrinth Dust Covers™
- rebuildable universal drive shafts made from special world renowned top-secret self-developed **Hudy Spring Steel™** with low-friction drive clips and integrated ultra-true hex hubs (heat treated and hardcoated)
- exclusive high-tensile transmission parts handmade from **Hudy Spring Steel™**
- Starburst Wheels formulated from tough plastic composite
- 1/12 Touring Car body available option #309729



1/12 LUXURY MINI TOURING CAR

XRAY T1FK'05

THE BEST GETS BETTER



FACTORY KIT PARTS



CAR OF THE YEAR
BEST IN 2004



Based on the race proven suspension geometry that captured both "Car of the Year", "World's Best Touring Car" and "Best Craftmanship Award" comes a new chassis platform that will ensure the winning streak will continue well into 2005. With an optimized layout that concentrates more weight closer to the centerline of the chassis, the T1FK'05 platform will produce improved traction, cornering speed, and steering on all surfaces.

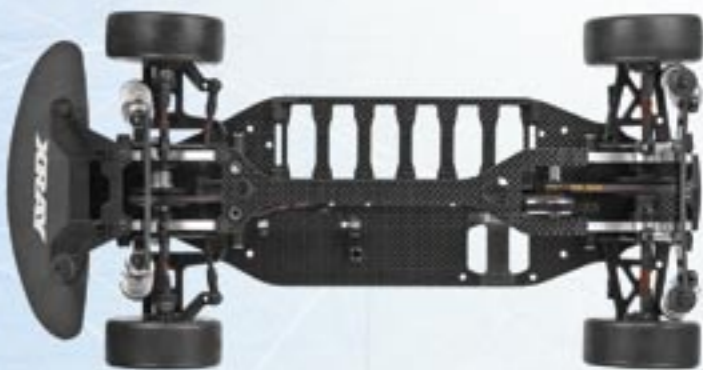
The XRAY T1FK'05 is the next evolution of the hugely successful multi-national champion XRAY T1 FK 1/10 scale competition touring car. Designed by the XRAY engineering team, headed by the world famous Dipl.Eng. Juraj Hudy, the main focus was blending the optimized race proven geometry with a new chassis platform that would be quicker and easier to set up for all different track conditions. The new platform achieves a new improved balance that will allow you to compete like never before. Combining luxury with the next level of performance. XRAY T1FK'05...Choose the next level... Now!

New T1FK'05 parts:

- fully adjustable rear diff angle and height adjustment - an XRAY innovation that allows you to quickly dial in more or less traction
- unique, revolutionary front XRAY Multi-Diff™: one-way / one-way solid / full time solid axle
- new adjustable bell-crank post position allows you to move the complete assembly forward or backward to change your Ackermann settings
- ultra low center-of-gravity
- new ultra-light T6 7075 Swiss CNC machined front and rear aluminum bulkheads with integrated belt tension adjustment
- the world's narrowest chassis with optimized weight distribution. Both the battery and the motor are strategically positioned close to the car's centerline to increase cornering speed
- 6-cell battery pack positioned on one side
- new super efficient twin belt drive train featuring over sized pulleys with new 1.7 internal ratio
- new super-efficient 20T middle shaft pulley enables better belt wrapping and improved drive train efficiency
- lightweight aluminum pro layshaft supports the spur gear to eliminate driveline vibration and produce a positive balance
- optional aluminum roll center blocks included for more tuning options.
- separate lightweight keyed motor mount produces a flex free design

Adjustment possibilities and other specs:

- fully adjustable front and rear suspension geometry: caster, camber, toe-in, anti-dive, anti-squat, ride height, down-stops, track width, roll center, wheelbase, rear diff height
- adjustable **Hudy Spring Steel™** turnbuckles (steering, front & rear upper links)
- externally adjustable racing shocks (4-step)
- pre-drilled chassis locations for optional chassis weights
- efficient C-hub suspension with short suspension arms
- externally adjustable, fully assembled and specially lightened hardcoated aluminum rear differential with carbide balls and carbide axial thrustbearing
- specially lightened one-way outrives manufactured from **Hudy Spring Steel™**
- ultra-lightweight driveshafts hand made from **Hudy Spring Steel™** - world's lightest
- lightweight hardcoated duraluminum wheel axles
- front and rear Factory Kit shock towers with optimized shock mounting and roll center positions
- pure racing design, long life, ultra-stiff chassis
- very easy assembly/disassembly and maintenance
- fully independent, fully adjustable suspension
- efficient 2-belt, 4WD system with ultra-low CG
- majority of parts are fully compatible with the T1, T1 EVO2 and T1FK



1/10 LUXURY ELECTRIC TOURING CAR

Notice: All awards listed were accomplished by the T1 concept and platform, on which the new T1FK'05 is built.

XRAY T1R

IT'S EASY, IT'S SMART, IT'S XRAY



HIGH PERFORMANCE PARTS



Exciting design, inspiring to look at, thrilling to drive. The T1 Raycer is born from the precision race engineering of the extremely successful T1, which caused a sensation in the traditional RC world.

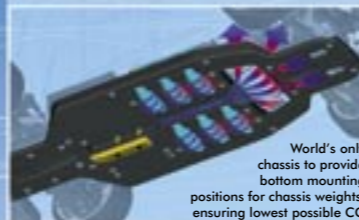
Race engineering design provides extraordinary high performance in any racing condition, balance and speed and thrilling grip at any track. Built from only the highest-quality components, featuring simplified suspension components, to guarantee the easiest possible assembly, and a comfortable, highly competitive driving experience. Leading-edge design keeps you ahead, helps you to win.

Adjustment possibilities:

- fully adjustable front and rear C-hub suspension geometry: caster, camber, toe-in, anti-dive, anti-squat, ride height, downstop, roll center, fully adjustable wheelbase (9mm range)
- externally adjustable front and rear ball differentials
- adjustable bulkheads for belt tension control
- adjustable spring steel turnbuckles (steering, front and rear upper links)
- multiple upper and lower shock mounting locations for front and rear
- externally adjustable racing shocks (4 step)

Smart Inline-Flow Cooling System™

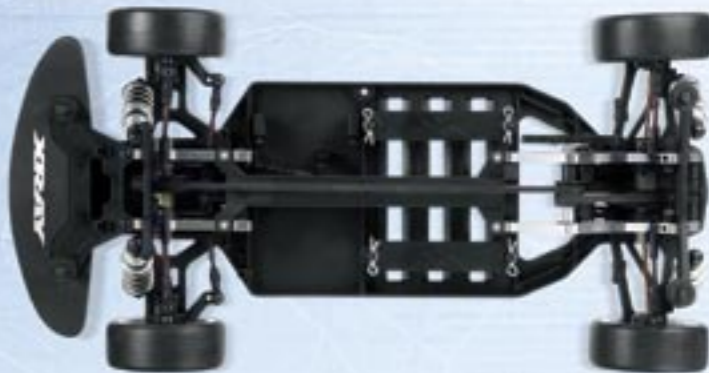
directs air under the chassis to cool batteries and motor



World's only chassis to provide bottom mounting positions for chassis weights, ensuring lowest possible CG

Main features:

- affordability - quality and performance have never been more affordable
- extremely easy assembly and set-up, no set-up experienced need, no set-up tools required
- World Championship-proven design
- based on the extremely successful T1 concept, all parts are compatible
- pure racing design, long life, easy maintenance, ultra-durable parts
- modern CAD-designed ultra-stiff chassis with Inline-Flow Cooling System™
- fully independent and adjustable C-hub suspension
- efficient 2-belt, 4WD drive system with low CG
- lightweight, externally adjustable, duraluminum ball differentials
- high-tensile transmission parts hand made from special world-renowned top-secret self-developed **Hudy Spring Steel™**



1/10 HIGH COMPETITION ELECTRIC TOURING CAR



XRAY XB8



The XRAY XB8 is a modern, high-competition, premium luxury racing 1/8 nitro off-road car that was designed, developed and styled by **Dipl. Eng. Hudy Juraj**, manufactured completely and exclusively by **XRAY in Slovakia (Europe)**.

XB8 was designed around a no-compromise platform; the attention to detail creates a low-maintenance, extra-long life buggy. Ultra-low center-of-gravity (CG) and optimized weight balance make set-up, driving, and maintenance quick and easy.

XB8 is the only off-road car to include all hop-ups in the box to tune for any racing condition in the world!



I.A.C. USES ONE C-BLOCK FOR ENTIRE CASTER RANGE ADJUSTMENT

1/8 LUXURY NITRO OFF-ROAD BUGGY



HIGH PERFORMANCE PARTS

MAIN FEATURES:

- fully-optioned premium high-competition off-road buggy
- very easy assembly/disassembly and maintenance
- exclusive **Hudy Spring Steel™** drive train parts
- efficient C-hub suspension with innovative **I.A.C.™** (Integrated Adjustable Caster)
- lightweight strong molded steering blocks with molded-in steel bushings
- fully adjustable suspension featuring **I.S.S.™** (Integrated Suspension Settings)
- ultra-low CG, all parts centralized in chassis
- optimised front/rear and left/right weight balance for perfect jumps
- pure racing design, highest performance and long life, ultra-durable parts
- fully independent, fully adjustable suspension with full time 4WD
- ultra lightweight high-tensile transmission parts hand made from special world-renowned top-secret self-developed **Hudy Spring Steel™**
- drive train includes 22 high-speed rubber sealed bearings for maximum efficiency and speed
- ultra precision front/rear and center diffs with **Hudy Spring Steel™** outdrives
- pinions, spurs, crown gears and clutch bell manufactured by **HUDY®**
- 7075 Swiss T6 CNC-machined chassis (3mm), front/rear shock towers (4mm), suspension blocks (5mm), steering plate (3mm) and brace (5mm)
- all alu parts feature Xray stylish black with silver edging design
- aluminum shocks with 3.5mm rigid shock shafts
- laser-cut, precision-ground steel brake disks for ultra-efficient fade-free braking
- adjustable turnbuckles made from famous **Hudy Spring Steel™**

ADJUSTMENT POSSIBILITIES:

- fully adjustable front and rear suspension geometry: caster, camber, toe-in, anti-dive, anti-squat, ride height, downstop, roll center, wheelbase, Ackermann, inboard toe.
- adjustable spring steel turnbuckles (steering, front & rear upper links)
- optimised multiple upper and lower shock mounting locations for front and rear

INCLUDES:

- 2 sets of shock springs
- 2 sets of clutch springs (0.9mm and 1.0mm)
- complete set of eccentric bushings for **I.A.C.™**
- front and rear anti-roll bars
- alu fuel filter
- clutch bell
- body
- set of stylish XRAY wheels
- 4 **HUDY profiTOOLS** included
- full-color instruction manual

TECHNICAL DATA:

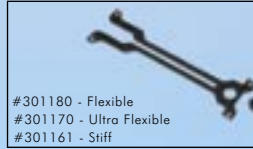
Length:	482 mm
Width:	306 mm
Height:	180 mm
Wheelbase:	321 ~ 327 mm
Weight:	3 350 g
Gear Ratio:	11.79



Integrated Adjustable Caster (I.A.C.)

Composite steering block with moulded-in steel bushing

Top Deck T1, T1 EVO2, T1R, T1FK



T1, T1 EVO2, T1FK, T1FK05



T1, T1 EVO2, T1R, T1FK, T1FK05



T1 EVO2, T1R, T1FK, T1FK05



T1 EVO2, T1R, T1FK, T1FK05



One-Way, T1 EVO2, T1M, T1R, T1FK05



T1, T1 EVO2, T1M, T1R, T1FK, T1FK05



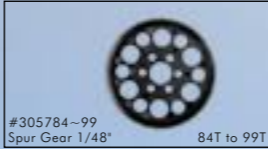
T1, T1 EVO2, T1M, T1R, T1FK, T1FK05



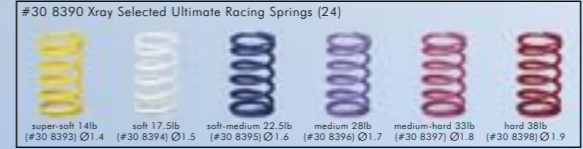
T1, T1 EVO2, T1M, T1R, T1FK, T1FK05



T1, T1 EVO2, T1M, T1R, T1FK, T1FK05



T1 EVO2, T1M, T1R, T1FK, T1FK05



T1 EVO2, T1M, T1R, T1FK, T1FK05



T1, T1 EVO2, T1M, T1R



T1, T1 EVO2, T1R, T1FK, T1FK05



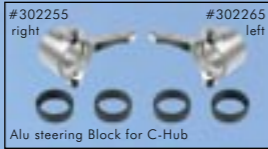
T1FK



T1, T1 EVO2, T1M, T1R, T1FK, T1FK05



T1 EVO2, T1M, T1R, T1FK, T1FK05



T1 EVO2, T1M, T1R, T1FK, T1FK05



T1M



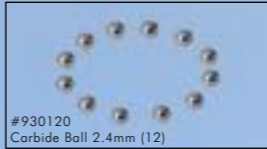
T1, T1 EVO2, T1M, T1R, T1FK, T1FK05



T1 EVO2, T1M, T1R, T1FK, T1FK05



T1, T1 EVO2, T1M, T1R



T1, T1 EVO2, T1R



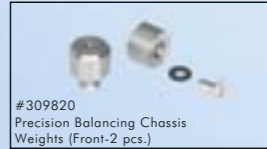
T1, T1 EVO2, T1M, T1R, T1FK, T1FK05



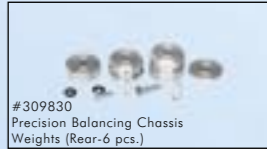
T1, T1 EVO2, T1M, T1R, T1FK, T1FK05



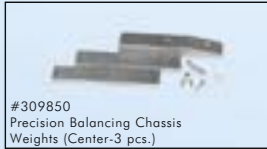
T1, T1 EVO2, T1M, T1R, T1FK, T1FK05



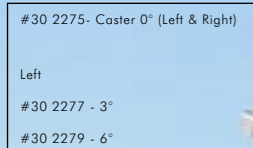
T1, T1 EVO2, T1M, T1R, T1FK, T1FK05



T1, T1 EVO2, T1M, T1R, T1FK, T1FK05



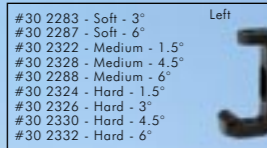
Alu C-Hub Caster Block



T1 EVO2, T1M, T1R, T1FK, T1FK05



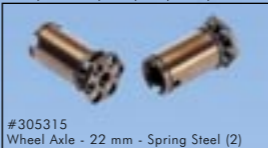
Composite C-Hub Caster Block



T1 EVO2, T1M, T1R, T1FK, T1FK05



T1, T1 EVO2, T1M, T1R, T1FK, T1FK05



XRAY



T1, T1 EVO2, T1R, T1FK, T1FK05



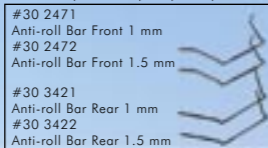
T1, T1 EVO2



T1, T1 EVO2, T1R, T1FK, T1FK05



T1, T1 EVO2, T1R, T1FK, T1FK05



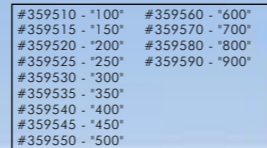
T1FK05



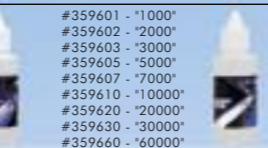
Silicone Shock Oil



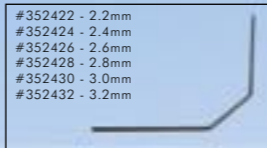
Silicone Diff Oil



Front Anti-Roll Bar



Rear Anti-Roll Bar



TEAM



TEAM



TEAM



TEAM



TEAM



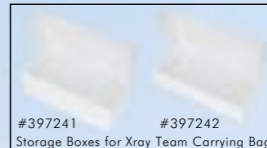
TEAM



TEAM



TEAM














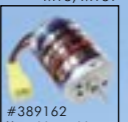
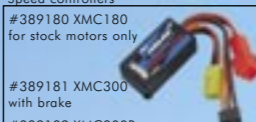



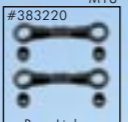
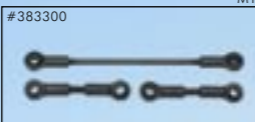


TEAM



TEAM



XRAY M18 OPTION PARTS

<p>#381151 M18</p>  <p>Graphite Conversion Set for 300 Super Size Motor</p>	<p>Graphite Chassis M18</p>  <p>#381111 - Blue #381112 - Silver #381115 - Black</p>	<p>#382500 M18, M18T</p>  <p>Micro Servo Saver</p>	<p>#382021 M18</p>  <p>Universal Alu Motor Holder - Blue</p>			
<p>#385001 M18, M18T</p>  <p>Alu Adjustable Ball Differential Hard Coated (Set)</p>	<p>M18, M18T #385101</p>  <p>Front One-Way Differential - Blue</p>	<p>M18, M18T #385131</p>  <p>Inner Drive Shaft Adapter (2)</p>	<p>M18 M18, M18T #382040 #382041</p>  <p>Alu Heat Sink for Stock Motor Alu Heat Sink for Super Size Motor</p>	<p>#385201 M18</p>  <p>Alu Drive Shaft - Set (2) - Blue</p>		
<p>M18, M18T</p>  <p>#389111 5-Cell Battery Pack 1200NiMH - 6.0V #389112 6-Cell Battery Pack 1200NiMH - 7.2V</p>	<p>M18 #389160</p>  <p>#389160 Xray Micro Stock Motor</p>	<p>M18, M18T #389162</p>  <p>#389162 Xray Micro 300 Super Size</p>	<p>Speed controllers M18, M18T</p>  <p>#389180 XMC180 for stock motors only #389181 XMC300 with brake #389182 XMC300R with reverse</p>	<p>M18, M18T #389170</p>  <p>Micro Servo XMS01MG - Metal Gears</p>	<p>M18 #382106</p>  <p>Set of Suspension Arms 6° Caster (2)</p>	
<p>M18 #389635</p>  <p>Rear (35Deg.) Rubber Tires + Inserts</p>	<p>M18 #389650</p>  <p>Front (50Deg.) Rubber Tires + Inserts</p>	<p>M18 #381221</p>  <p>Blue Foam Bumper</p>	<p>M18 #383220</p>  <p>Rear Linkages 2.5° Toe-In</p>	<p>M18 #383300</p>  <p>Adj. Turnbuckle Set for Toe-in Adjustment</p>	<p>M18 #385701</p>  <p>Composite Pinion Set (13T, 14T, 15T, 16T)</p>	<p>M18 #385742</p>  <p>Spur Gear 42T/48</p>

All XRAY products are developed, styled and designed by Dipl. Ing. Juraj Hudy, manufactured by XRAY MODEL RACING CARS in Slovakia, Europe.

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