



**RAY** **LUXURY**  
**MODEL**  
**RACING CARS**  
**CATALOG 2009**  
**EUROPEAN, ASIAN & USA CHAMPIONS**



# 19X CAR OF THE YEAR

Car of the Year 2001

Car of the Year 2002

Car of the Year 2003

World's Best Off-Road Car 2004

Car of the Year 2004

Car of the Year 2005

World's Best Crafted Touring Car Award

World's Best Touring Car Award

World's Best Belt Driven Touring Car Award

Car of the Year 2006

Buggy of the Year 2006

Best of 2006

Reader's Choice Award 2007

Car of the Year 2007

Touring Car of the Year 2007

Car of the Year 2008

Nitro Touring Car of the Year 2008

Reader's Choice Award 2008

Electric Touring Car of the Year 2008

**T2** DIPL. ENG. **JURAJ HUDY**  
XRAY CHIEF DESIGNER  
1/10 ELECTRIC TOURING **CAR OF THE YEAR 2008**

# 2008 XRAY VICTORIES

**1/10 Electric Touring cars:**  
European Junior Champion  
International Indoor Champion Foam Modified  
International Indoor Champion 13.5 Foam Modified  
US Cleveland National Champion Modified  
US National Outdoor Champion Modified  
US National Outdoor Champion Stock  
US National Indoor Champion Modified  
US Snowbirds National Champion Modified  
Czech National Champion  
Norwegian National Champion Modified  
Norwegian National Champion Super Stock  
Portuguese National Champion Modified  
Portuguese National Champion Stock  
Russian National Cup Winner  
Swiss National Champion + Vice-Champion Expert  
Swiss National Champion Standard  
LRP Cup Winner Stock  
LRP Cup Winner Super Stock  
TITC Winner  
EFRA GP Champion Stock + Sport  
HPI/Orion Classis Winner  
UK National Champion Junior ProStock + Stock  
Belgian National Champion  
Indonesian National Champion  
South African National Champion 19T  
South African National Champion Superstock  
UK Carpet Wars winner Modified  
UK Carpet Wars winner Superstock  
Australian National Champion Superstock + Stock  
French National Champion

**1/10 Nitro Touring cars:**  
US Winternats Champion + Vice-Champion  
German National Champion + Vice-Champion  
Finnish National Champion  
Dutch National Champion  
Italian National Champion "F1"  
Italian National Champion "F2"  
Norwegian National Champion + Vice-Champion  
Portuguese National Champion  
Swiss Champion + Vice Champion

**1/8 Off-road Nitro Buggy:**  
EFRA GP Winner  
Euro Indoor Nationals Winner  
Dutch Brothercup Winner  
Italian National Champion "F2"  
Portuguese Center Region Champion  
Korean National Champion Pro  
Singapore National Champion  
Brazilian GP Winner

**1/8 Nitro Truggy:**  
Euro Indoor Nationals Winner  
UK Dirt Challenge Winner  
German Nitromasters Winner  
German International Race Winner  
Brazilian GP Winner

**1/12 Pan car:**  
UK National Champion Modified  
UK National Champion Superstock

**1/18 Micro Cars:**  
German Off-road Champion Standard  
German Off-road Champion Modified  
US Micro On-road National Champion Stock  
US Micro On-road National Champion Modified  
US Off-road Micro Nationals Buggy  
US Off-road Micro Nationals Stock  
German On-road Champion Standard  
German On-road Champion Modified  
German On-road Champion Supermodified  
Russian National Cup Winner

**MARTIN HUDY**  
XRAY PRO DRIVER **NT1**  
1/10 NITRO TOURING **CAR OF THE YEAR 2008**



## THE WORLD OF XRAY



The world of XRAY is one of excitement, prestige, luxury, and adrenaline-charged performance. XRAY's impressive product line offers premium quality, innovative engineering marvels and the exclusivity borne of success on the world's racetracks, a marriage of **sophistication, luxury, craftsmanship, and leading technology**. Owning an XRAY is being part of the team...the same team that has dominated races all over the world for years. XRAY and its products embody a genuine sporting spirit as well as distinctive European styling, design and quality. While we always look to the future, we will never lose sight of the values that have made XRAY what it is today... **passion, dedication, and commitment to excellence**. It's no wonder that XRAY is the top RC manufacturer in the world, backed up with the impressive list of accomplishments, awards, and wins.

**PRESTIGE. ELEGANCE. LUXURY.**



### RC RACING XRAY TEAM

Team XRAY is one of the world's most successful racing teams, with an extensive list of wins and achievements. Owning an XRAY product, you become a member of the worldwide network of national teams, receiving special and exclusive product support and service like the PRO drivers do. Racing an XRAY car, you can be on your way to becoming another valued member of XRAY's International Factory Team, maybe even winning a European or US Championship! Challenge your skills...enjoy the XRAY ride.

Team XRAY at 1/10 Nitro Touring Car European Championship

**XRAY THE ART OF PERFORMANCE**





PURE RACING DESIGN  
**QUALITY**  
HIGHEST  
LOWEST

**2009**

**new  
20+  
IMPROVEMENTS**

Exclusive XRAY aluminum 4-step  
externally-adjustable racing shocks  
w/ selected springs



- USA NATIONAL CHAMPION
- USA WINTERNATS CHAMPION
- EUROPEAN VICE-CHAMPION + TQ
- EFRA GP WINNER
- EUROPEAN NORDIC CHAMPION
- JAPANESE NATIONAL CHAMPION
- ITALIAN NATIONAL CHAMPION
- GERMAN NATIONAL CHAMPION + VICE-CHAMPION
- SWISS NATIONAL CHAMPION + VICE-CHAMPION
- AUSTRIAN NATIONAL CHAMPION + VICE-CHAMPION
- NORWEGIAN NATIONAL CHAMPION + VICE-CHAMPION
- IRISH NATIONAL CHAMPION
- FINLAND NATIONAL CHAMPION
- SOUTH KOREA NATIONAL CHAMPION
- DANISH NATIONAL CHAMPION
- DUTCH NATIONAL CHAMPION
- PORTUGUESE NATIONAL CHAMPION
- CZECH REPUBLIC NATIONAL CHAMPION

**NTT**

**1/10 LUXURY NITRO TOURING CAR**

**WORLD'S**  
PODIUM FINISHER

Martin Hudy

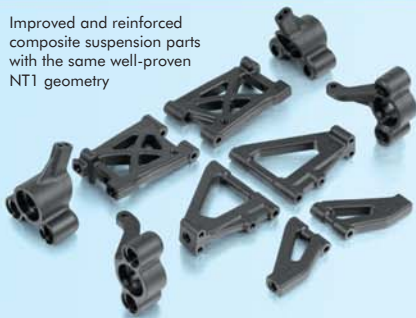




Exclusive **Hudy Spring Steel™** front & rear CVD drive shafts



Improved and reinforced composite suspension parts with the same well-proven NT1 geometry



New steering servo mount



Updated top deck mounts and belt tensioner mount for improved belt tension

New wider 2-speed gears for improved lifespan



New fuel tank pressure cap with 1-piece profiled seal for perfect fitment and sealing



New wider central belt for increased lifespan



New harder 2-speed springs

## MULTI FLEX™

Unique Multi-Flex™ 1-piece engine mounting system allows chassis stiffness adjustment for different racing condition... **another XRAY revolution!**



## XCA CLUTCH

Easily-adjustable 3-shoe XCA (XRAY Centrifugal-Axial) clutch featuring clutchbell, clutch nut and preload collar made from exclusive **Hudy Spring Steel™**, hardcoated flywheel, clutch nut, preload collar, shoe support plate and spring cup made from premium **Swiss 7075 T6**.



## 2-SPEED

Precision, super-smooth 2-speed transmission features **HUDY®** shaft, **Swiss 7075 T6** gear adapters, hand-ground German 1-way and world's most precise wobble-free spur gears



## LOWEST CG



NT1 features all the parts positioned ultra low creating the lowest CG platform. Low fuel tank can be lowered by another 3mm using optional tiny receiver pack.

## HIGH-PERFORMANCE PARTS



Premium **Hudy Spring Steel™** adjustable turnbuckles



Quick-set 2-piece aluminum engine mounting system



**Hudy Spring Steel™** wheel axles and diff outdrives



World's smallest, super-smooth, no-slip, high-durability gear differentials



High-speed lightly-oiled selected ball-bearings

## XRAY MULTI-DIFF™

Available as option only

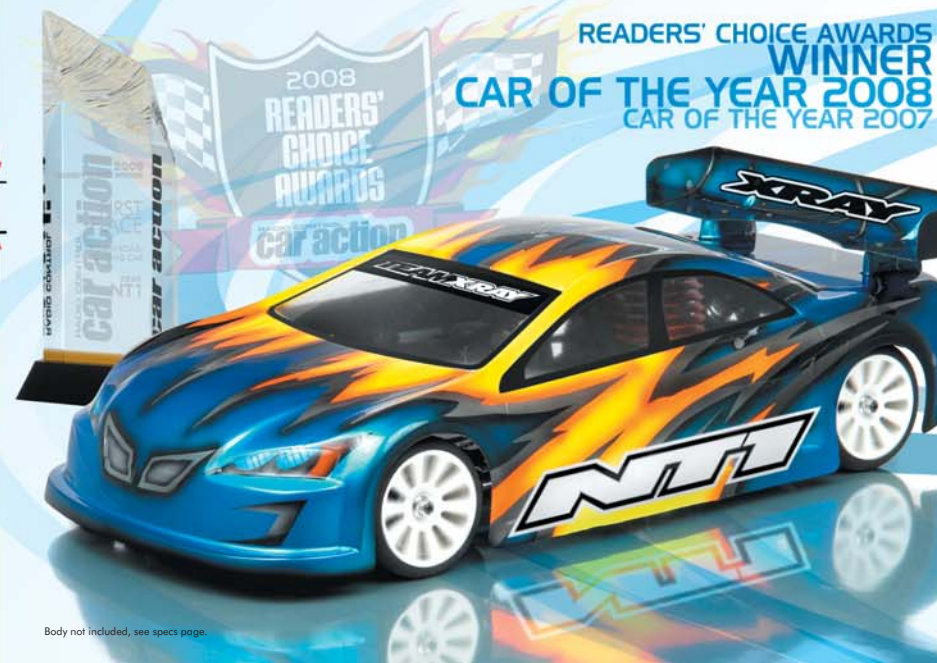
Unique, revolutionary front **XRAY Multi-Diff™** enables 3 different easy settings:

- one-way
- one-way solid
- full-time solid axle



• pure racing design, premium luxury quality, and **highest performance** • 2.5 mm graphite radio plate, front shock tower and roll center bridge, 3.0mm graphite rear shock tower • centralized 75cc fuel tank with hypertonic tank lid and internal stone-type filter • 7075 T6 aluminum brake hub with precision-pressed pins • **laser-cut, precision flat-ground** ventilated steel brake disk for ultra-efficient fade-free braking • high-grip **Ferodo™** brake pads • 7075 T6 aluminum ball-bearing supported brake cam • most efficient, smoothest drivetrain using optimum belt and pulley construction with super-low rotating mass • exclusive **Hudy Spring Steel™** drivetrain parts for highest performance and unmatched lifespan • **PUR®** reinforced high-efficiency, low-friction drive belts • specially-designed adjustable graphite side-belt tensioner allows easy engine removal • solid axle diff adapter transforms differential into **solid axle (spool)** • advanced suspension geometry **optimized** and finely tuned for high-competition racing • lightweight yet durable suspension parts molded from XRAY's self-developed composite mixture • fully-adjustable suspension featuring **I.S.S.™** (Integrated Suspension Settings™) • easily-adjustable hand-ground **blade-style** front-anti roll bars from **Hudy Spring Steel™** • precision pivot balls specially hardened for enhanced lifespan • centralized ball-raced steering servo saver with adjustable spring tension • easily-adjustable Ackermann positions using integrated inserts • fine-threaded shock bodies for precise ride height adjustment • **specially-hardened** shock shafts for maximum strength • **XRAY self-developed** and manufactured ultimate racing springs are hand-selected for maximum precision, equal length, and equal damping characteristics

READERS' CHOICE AWARDS  
**WINNER**  
**CAR OF THE YEAR 2008**  
CAR OF THE YEAR 2007



Body not included, see specs page.





RACING DESIGN  
**20**  
LUXURY  
EXCITING  
HERITAGE  
PREMIUM  
TRUGGY

**new**  
**20+**  
IMPROVEMENTS



1. Jason Branham

2. Mike McCrary

3. Rocco Margiotta

**USA**  
MONSTER TRUCK CHAMPIONSHIP  
DOMINATION

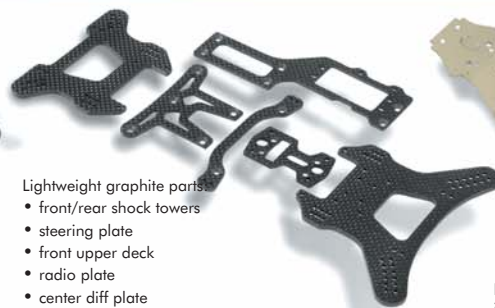
**XRT8**  
1/8 LUXURY RACING TRUGGY

**UNIQUE**  
REVOLUTIONARY  
C-HUB SUSPENSION





Big bore long alu shocks specially designed for Truggy



Lightweight graphite parts

- front/rear shock towers
- steering plate
- front upper deck
- radio plate
- center diff plate



New Swiss 7075 T6 chassis with improved weight balance

New, super tiny and lightweight driveshafts and outrdrives made from famous **Hudy Spring Steel™**



Hard clutch springs

New fuel tank pressure cap with 1-pc profiled seal for perfect fitment



New longer engine mounts to reduce chassis bending

New front upper linkage



## HIGH-PERFORMANCE PARTS

Suspension holders allow complete geometry adjustment



Laser-cut, precision flat-ground ventilated steel brake disks



17mm **aircraft alu** wheel axles with optimized offset



Premium **Hudy Spring Steel™** adjustable turnbuckles



**Swiss 7075 T6** precision flywheel with alu 3-piece clutch shoe



Super-long arms from special composite mixture for highest durability

Diff outrdrives made from **Hudy Spring Steel™** specially ground for maximum precision



Special truggy-designed diff gears made from specially-developed **HUDY®** steel for gears

High-grade special steel clutchbell



Super-smooth, no-slip, high-durability differentials with heat-treated gears

## ACTIVE DIFF

### Option only

Unique high-performance, adjustable front gear differential vastly improves the truggy's speed and handling characteristics. The special design of the internal components using different angled segments allows the diff gears to engage on-power to increase the forward traction and stability.



• XRAY Racing Truggy based on the **European Champion** off-road buggy • designed and developed by the world's **most admired** R&D team • pure racing design and premium luxury quality with highest performance • all parts specifically designed and developed for **Truggy-specific** high-performance suspension geometry, specific ultra-efficient drivetrain parts with optimal Truggy ratio • only **premium** and exclusive materials used throughout • exclusive **Hudy Spring Steel™** drivetrain parts for highest performance and unmatched lifespan • efficient C-hub suspension with innovative **I.A.C.** (Integrated Adjustable Caster™) • lightweight strong molded steering blocks with molded-in steel bushings (**XRAY innovation**) • fully adjustable suspension • front upper suspension featuring **I.S.S.** (Integrated Suspension Settings™) • ultra-low CG, all parts are centralized in chassis • optimized front/rear and left/right weight balance for perfect jumping • 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™** • drivetrain includes 22 precision rubber-sealed bearings for maximum efficiency and speed • ultra-precision front/rear and center diffs with Hudy Spring Steel™ outrdrives • pinions, spurs, crown gears and clutchbell manufactured by **HUDY®** • all new extra-long big-bore shocks for perfect handling on bumpy tracks and big jumps • **laser-cut, precision-ground** steel brake disks for ultra-efficient fade-free braking • high-grip **Ferodo™** brake pads • **Hudy Spring Steel™** adjustable turnbuckles • **Swiss 7075 T6** flywheel with aluminum clutch shoes • stylish XRAY Truggy body included made from lightweight **Lexan®** • tires not included





EUROPEAN CHAMPION  
EUROPEAN CHAMPION "B"  
**CAR OF THE YEAR**  
**BUGGY OF THE YEAR**

20

new  
20+  
IMPROVEMENTS

HIGHEST  
PERFORMANCE  
**LUXURY**  
**PREMIUM**  
**QUALITY**

**ULTRA LOW**  
**PLATFORM**  
**EXCELLENT**  
**STABILITY**

**DIRECT SHAFT**  
**CONNECTION™**

GENUINE XRAY  
INNOVATION



To allow direct transfer of power without any kinetic losses, the central drive shafts are directly connected to the pinion gears. The connecting pin sits in a ball-bearing to guarantee that the connecting pin will never fall out.

**XRAY**

1/8 LUXURY OFF-ROAD BUGGY



New super-low profile air filter



Big bore shocks with new rubber folding boots



Improved diff housing and bearing assembly

Upgraded servo saver



All-new fuel tank



New reinforced composite ball joints



New composite body post



## HIGH-PERFORMANCE PARTS

High-grade **graphite** shock towers and radio plate



Composite suspension holders with preset geometry



Composite steering block with moulded-in steel bushing



Super-smooth, no-slip, high-durability gear differentials (front, center, rear)



Precision high-speed ball-bearings & **extra-large** clutch bearings



Well-proven 808 suspension arms and zero king-pin suspension geometry



**Swiss 7075 T6** CNC-machined hardcoated 3mm chassis



ENGINE NOT INCLUDED



World's lightest, most durable CVD driveshafts hand made from famous **Hudy Spring Steel™**



**Laser-cut**, precision **flat-ground** ventilated steel brake disks



**Ultra strong** suspension pivot pins



Alu flywheel with lightweight alu clutch shoes

High-grade special steel clutchbell featuring over-sized bearings



Hardcoated **Swiss 7075 T6** wheel axles and wheel nuts



Diff outrdrives made from **Hudy Spring Steel™** specially ground for maximum precision



## ALL-NEW 2009 SPECS

- new ultra-low profile racing body, designed exclusively by XRAY
- new super-low profile foam air filter with redesigned rubber elbow
- new stronger, one-side steel-sealed diff ball-bearings
- new alu bearing collar reinforces diff bearing assemblies
- new reinforced composite front & rear bulkheads
- new larger capacity fuel tank with capacity-adjustment segments
- new fuel line holders mounted directly on fuel tank
- new fuel tank pressure cap with 1-piece profiled seal for perfect fitment
- new protective rubber folding shock boots for big-bore shocks, front & rear
- new lower shock body mounting cap, grooved for folding shock boots
- new narrow lower shock ball joints, redesigned for folding shock boots
- new upgraded servo saver with O-ring for secure adjustment
- new longer rear shock body mount for more secure body mounting
- new reinforced composite ball joints

- premium high-competition off-road buggy • very easy assembly/disassembly and maintenance • efficient Zero King-pin suspension • lightweight strong molded steering blocks with molded-in steel bushings • ultra-low CG, all parts centralized in chassis • optimized front/rear and left/right weight balance for perfect jumping • **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™** • drivetrain includes **22 high-speed** rubber-sealed bearings for maximum efficiency and speed • ultra-precision front/rear and center diffs with **Hudy Spring Steel™** outrdrives • pinions, spurs, crown gears and clutchbell manufactured by **HUDY®** • optimized multiple upper and lower shock mounting locations for front and rear • laser-cut, precision-ground steel brake disks for ultra-efficient fade-free braking • high-grip **Ferodo®** brake pads • exclusive adjustable turnbuckles from **Hudy Spring Steel™** • tiny steering blocks with molded-in steel bushings and new caster blocks • flexible suspension holders with integrated preset optimal suspension geometry • high tensile **Swiss 7075 T6** hard anodized chassis • ultra-strong suspension pivot pins inboard and outboard • **Direct Shaft Connection™** to the pinion gear • anti-roll bars • **Hudy Spring Steel™** turnbuckles • centralized engine positioning • narrow servo saver and steering system • ultra-short graphite steering plate • one-piece graphite radio plate • front & rear flexible composite brace • gear boxes with **Labyrinth Dust Covers™** • clutchbell with over-sized clutch bearings • 4mm extra-thick front and 3.5mm rear **premium-grade graphite** shocktowers • big-bore oversized shocks for excellent handling on bumpy tracks and big jumps • threaded **big-bore** hard-anodized shock bodies • **XRAY Premium Shock Oils** for perfect consistency



New ultra-low profile racing body



**12x**  
CAR OF  
THE YEAR

**20x**  
USA  
NATIONAL  
CHAMPION

**3x**  
JUNIOR  
EUROPEAN  
CHAMPION

**car action**  
Reader's  
Choice Award

**US**  
SNOWBIRD  
Nationals  
WINNER  
04-05-06-07-08

**LUXURY**  
WORLD'S BEST



Paul Lemieux

**USA**  
CHAMPION

**PREMIUM QUALITY**  
**PRESTIGE**  
**PURE RACING DESIGN**

**T2M19**

**1/10 LUXURY ELECTRIC TOURING CAR**



## XRAY QUICK-SAVER™

Revolutionary fully-adjustable **Quick-Saver™** features 5 different integrated Ackermann positions



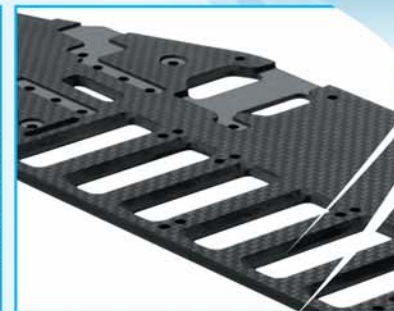
Servo saver positioned in absolute center of the chassis



Well proven XRAY front and rear suspension geometry



Lowest ultra-lightweight Swiss 7075 T6 bulkheads



US-spec 3.5mm ultra-thick chassis with milled areas

Lightweight Composite XRAY Solid Axle



Hard Steering Block  
Foam Spec (H)

Medium Steering  
Block Rubber Spec (M)

Alu Middle Layshaft



Hard Rear Upright  
1° Toe-In (H)  
Foam Spec

Medium  
Rear Upright  
0° Toe-In (M)  
Rubber Spec

Swiss 7075 T6 Aluminum Ball-Differential



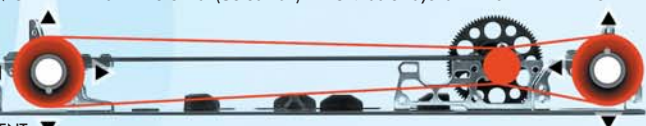
Hard C-hub  
Foam Spec (H)

Medium C-hub  
Rubber Spec (M)

OPTIMIZED DRIVE TRAIN 34T XRAY Solid Axle (EU edition) 34T XRAY Ball-Differential (US edition) Alu Middle Layshaft 20T 34T XRAY Ball-Differential

BELT TENSION  
ADJUSTMENT

DIFF HEIGHT ADJUSTMENT



The ultra-low touring car platform of the T2'008 has been carried over to the T2'009 to provide the world's lowest CG ever.

- built on the highly-successful XRAY T2'008 platform • world's lowest touring car platform • world's first purpose-designed editions to meet specific **ROAR, EFRA, FEMCA** regulations • less sensitive to changing track conditions • super-consistent performance • centrally-positioned layshaft split bulkheads give improved balance • world's lowest ultra-lightweight bulkheads CNC-machined from **Swiss 7075 T6** aluminum
- super-lightweight composite front Solid Axle with XRAY's own smart **Quick-change** outdrive system for easier and more comfortable outdrive exchange • specially-optimized drivetrain concept for specific foam- and rubber-tire racing conditions • specially-optimized drive shaft lengths for specific foam- and rubber-tire racing conditions • premium-quality drive belts with **Kevlar®** reinforcement • narrow top decks • servo saver positioned in absolute center of the chassis • **Hudy Spring Steel™** turnbuckles • compact front foam bumper made from lightweight, high-resilience foam • small, robust steering blocks made from special composite material, featuring two Ackermann positions • front & rear lower shock towers for lower CG and improved steering response CNC-machined from 3mm graphite material with optimized shock positions for rubber and foam tires with optimized **Quick Roll-Center™** positions • Rebuildable CVD driveshafts made from world-renowned, top-secret, self-developed **Hudy Spring Steel™**; world's tiniest yet most durable driveshafts hand ground for maximum precision • **Swiss 7075 T6** front driveshafts • unique **XRAY Quick-Saver™** with 5 different Ackermann positions • front and rear diff height independent adjustment • long front & rear suspension arms for improved traction and easier handling • C-hubs with larger opening for easier, faster & more comfortable assembly/disassembly of the CVDs; prevents collision of CVD with C-hub in serious crashes • **brushless system ready and optimized** • rear uprights with integrated 0° toe-in to prevent suspension geometry change in serious crashes and improved stability • short shock body and shock rod for improved suspension lift • alu middle layshaft with centrally-positioned spur gear for improved balance • overall reduction in car weight • **LiPo 3200mAh ready** and optimized (LiPo 4800mAh fits EU 2.5mm chassis only) • thick 6mm body posts • **7075 T6** aluminum wheel hubs • suspension holders with 3 different roll center positions • XRAY 4-step externally adjustable shocks • selected & matched racing springs • complete set of high-speed blue-sealed ball-bearings, degreased, lightly oiled for maximum efficiency, individually controlled, selected and inspected • fully adjustable front & rear suspension geometry: caster, camber, inboard/outboard toe, front dive, rear squat, ride height, downstops, track-width, roll center, wheelbase, Ackermann • **pure racing design** • available as US Foam-spec edition (#30 0014), EU Rubber-spec 6-cell edition (#30 0013)

## HIGH-PERFORMANCE PARTS

Swiss 7075 T6 Aluminum  
Rear Drive Shafts

US 50mm

EU 52mm

World's lightest, most  
durable driveshafts  
hand made from famous  
**Hudy Spring Steel™**

Exclusive adjustable  
turnbuckles made  
from famous  
**Hudy Spring Steel™**

High-speed blue covered  
ball-bearings manually selected

Super-lightweight drive  
axles made from famous  
**Hudy Spring Steel™**

Ultra-light **7075 T6**  
**Swiss** CNC-machined  
bulkheads with integrated  
belt tension adjustment

4-step externally-adjustable racing  
shocks w/ selected springs



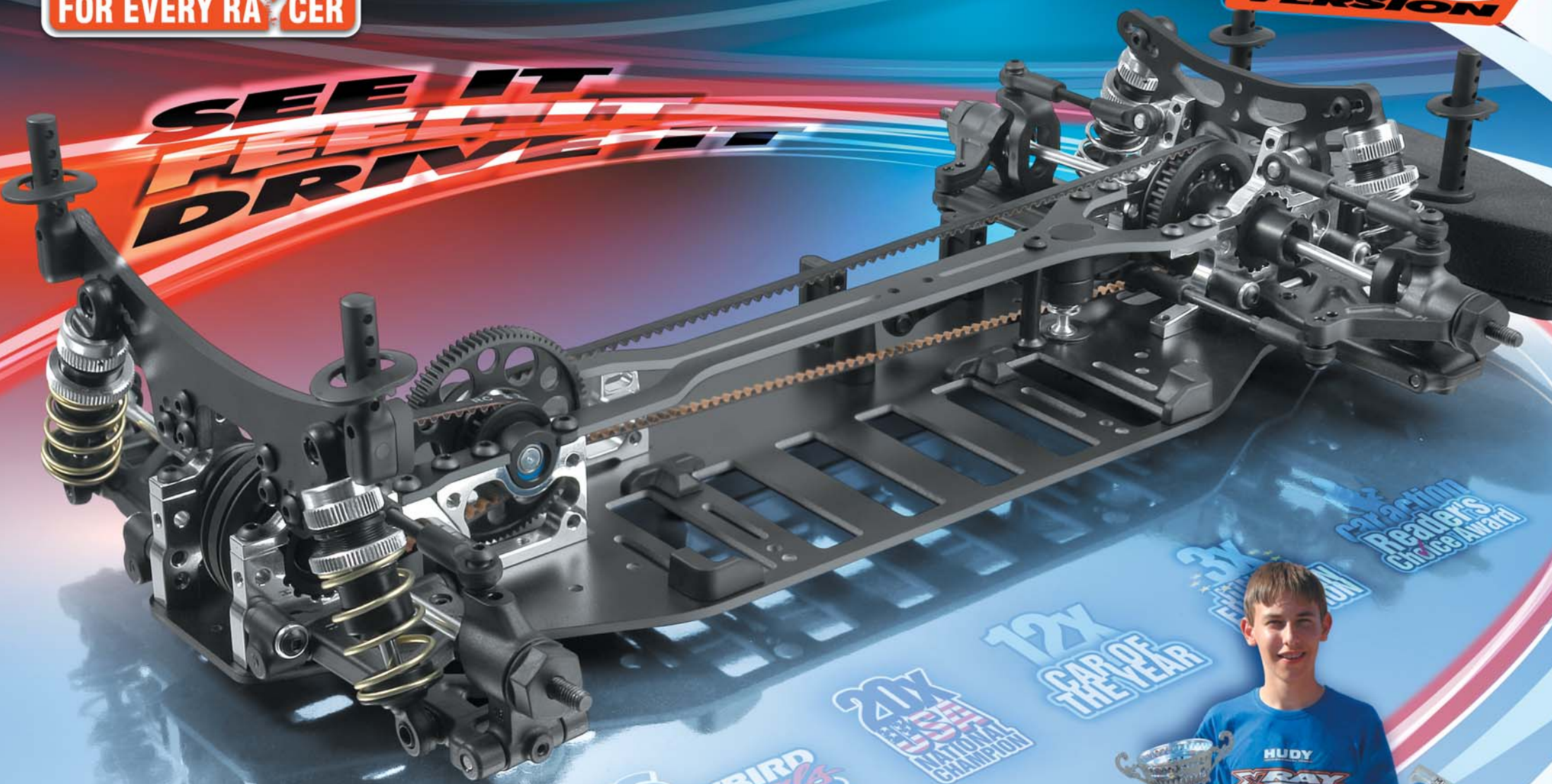
Body not included, see specs page..zip



QUALITY • LUXURY • PERFORMANCE  
FOR EVERY RACER

**PRO**  
VERSION

SEE IT  
FEEL IT  
DRIVE IT



US SNOWBIRD  
Nationals  
WINNER  
04-05-06-07-08

20x  
NATIONAL  
CHAMPION

12x  
CAR OF  
THE YEAR

Car Action  
Reader's  
Choice Award



**T2R**

1/10 PREMIUM ELECTRIC TOURING CAR

**EUROPEAN  
JUNIOR CHAMPION  
WORLD  
CHAMPIONSHIP FINALIST**



## XRAY QUICK-SAVER™

Revolutionary fully-adjustable **Quick-Saver™** features 5 different integrated Ackermann positions



LiPo & brushless ready and optimized



Well proven XRAY front and rear suspension geometry



Lowest ultra-lightweight Swiss 7075 T6 bulkheads



Fiberglass chassis, top deck and shock towers

## HIGH-PERFORMANCE PARTS

Lightweight Composite XRAY Solid Axle



Medium Steering Block (M)



Composite Ball-Differential



Hard  
Rear Upright  
1° Toe-In (H)



Medium C-hub  
Rubber Spec (M)

OPTIMIZED DRIVE TRAIN 34T XRAY Ball-Differential

Alu Middle Layshaft 20T

34T XRAY Ball-Differential

BELT TENSION  
ADJUSTMENT



DIFF HEIGHT ADJUSTMENT

◀ The ultra-low touring car platform of the T2'008 / T2'009 has been carried over to the T2R PRO to provide the world's lowest CG ever.

- based on the ultra-successful, **award-winning**, and racing-dominating XRAY T2'008 & T2'009 platforms
- **competition racing design** featuring well-proven suspension geometry, drivetrain, and parts — the whole racing platform of T2 cars!
- majority of the parts being fully compatible and interchangeable among other T2-based cars
- **LiPo-ready** with unique pads that raise the top deck to fit popular-sized LiPo battery packs
- ultra-lightweight front and rear split bulkheads are CNC-machined from **Swiss 7075 T6** aluminum, allowing super-easy diff and layshaft access
- super-light **Swiss 7075 T6** aluminum front & rear drive shafts
- extra-durable drive axles manufactured from premium **Hudy Spring Steel™**
- T2 dual-belt drive train featuring 34T/20T pulleys and premium-quality, **Kevlar®** reinforced drive belts
- 6-cell chassis design allows use of either 5- and 6-cell battery NiMH packs, or LiPo pack
- high-quality composite rear ball differential featuring balls for super-smooth runs
- super-light composite front Solid Axle with XRAY's own smart quick-change outdrive system for easy outdrive exchange; no servicing or replacement of drive shaft blades needed, translates into reduced servicing costs
- motor mount bulkhead features the lowest possible motor mount position, compatible with stock, modified, and brushless motors
- **XRAY Quick Roll-Centers™** • fully-adjustable **Quick-Saver™** features 5 different integrated Ackermann positions, positioned along chassis centerline
- middle layshaft CNC-machined from aircraft aluminum
- independent front & rear diff height adjustment
- integrated front & rear belt tension adjustment
- optimized suspension geometry and unique XRAY's own **well-proven mixture of composite materials** for optimum hardness yet flexibility of all suspension parts
- medium hard C-hubs with integrated 4° caster (optional 2° and 6° caster blocks available)
- rear uprights with integrated 1° toe-in
- medium hard steering blocks with two Ackermann positions
- front suspension arms allow 2mm adjustment of front arm position
- front & rear shock towers machined from **extra-thick 3.0mm fibreglass**
- front shock tower specially machined for ultra-low weight without compromising strength
- front upper & lower composite bumper made from special composite to withstand hard impacts
- compact front foam bumper made from lightweight, high-resilience foam
- thick 6mm body posts
- lower suspension alu holders with 3 different roll center positions
- **ROAR, EFRA, and FEMCA** legal
- XRAY 4-step externally adjustable shocks allow easy and quick adjustment; standard, non-adjustable shock pistons also included
- shock absorber foam inserts for improved shock rebound
- XRAY self-developed and manufactured **ultimate racing springs** are manually selected for maximum precision, equal length, and equal damping characteristics
- hardened 84T spur gear
- composite battery backstops prevent battery movement on chassis
- complete set of **high-speed blue-sealed ball-bearings**, degreased, lightly oiled for maximum efficiency, individually controlled, selected, and inspected

World's lightest, most durable wheel axles hand made from famous **Hudy Spring Steel™**



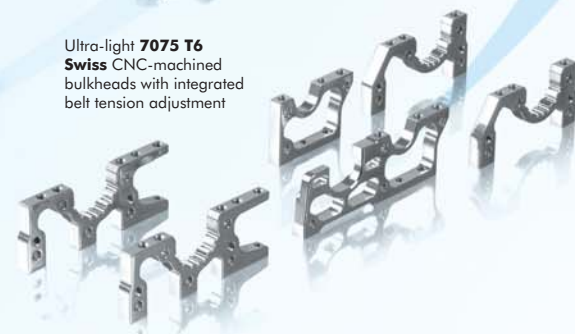
Swiss 7075 T6 aluminum drive shafts



High-speed blue covered ball-bearings manually selected



Ultra-light **7075 T6 Swiss** CNC-machined bulkheads with integrated belt tension adjustment

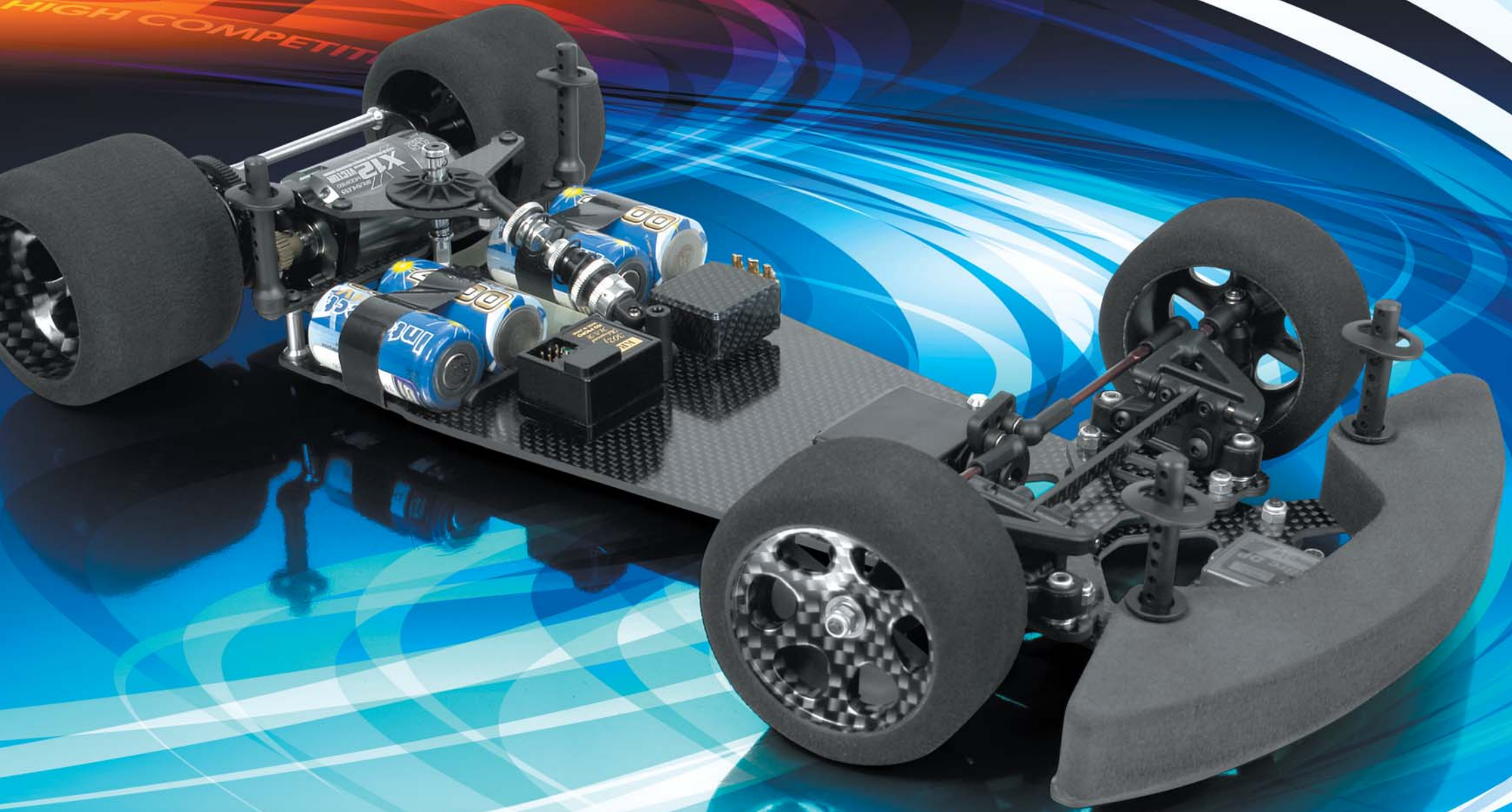


4-step externally-adjustable racing shocks w/ selected springs





HIGHEST QUALITY  
**PAN CAR**  
GT  
HIGH COMPETITION



**X10**

1/10 PAN CAR GT





Conventional yet super effective rear suspension



Fully adjustable unique XRAY micro shock absorber

Unique T-bar mounting methods allow for two different settings:



• **Club race setting** – direct mounting of T-bar to chassis without front pivotball gives limited adjustment possibilities (recommended for beginner drivers)



• **Pro race setting** – pivotball mounting of T-bar to chassis for more advanced adjustment possibilities (recommended for advanced drivers)



Brushless and modified motor optimized

## HIGH-PERFORMANCE PARTS

Foam bumper



Fully adjustable T-bar



Fully-adjustable shock with aluminum hard anodized shock body



Ultra-light 7075 T6 Swiss CNC-machined bulkheads with integrated ride height adjustment



High-speed ball-bearings manually selected



Lightweight aircraft aluminum steering turnbuckles



High-grade graphite chassis, front bumper, front brace, arm mount plates, rear brace, rear upper and lower pod plate



Lightweight aluminum servo holders



Precision HUDY Spring Steel™ ball studs



Premium hand ground HUDY Spring Steel™ pivotballs



Premium HUDY Spring Steel™ wheel axles



Adjustable HUDY Spring Steel™ turnbuckles



Super-lightweight rear axle features 1-piece high-grade precision hand ground graphite rod, precision carbide balls, hardened and ground D-steel shims, and premium carbide axial thrustbearing.



Super lightweight aluminum wheel hubs, hard anodized



- **authentic 100% self-developed XRAY parts**, designed and manufactured parts by XRAY in Europe
- simple yet effective and proven design, well thought-out details, unmatched precision of all small details
- specially designed and **optimized for brushless and brushed motors** • graphite front chassis bumper and foam bumper • fully-adjustable body holders • easy front caster adjustment • **reactive caster adjustment** 2.5°, 5.0° or 7.5° • front ride height and front track-width adjustment • ultra-flat adjustable composite battery holders • adjustable fiberglass T-bar • chassis tweak adjustment • responsiveness adjustment • special 1-piece aluminum damper pad holder independently mounted to ensure equal left-right movement of rear pod • super-easy motor top access • eccentric composite bushings for ultra-fine rear ride height adjustment • **super-lightweight rear axle** made from 1-piece high-grade graphite rod, additionally precision hand ground to eliminate vibration and run-out • high-grade precision **carbide balls**, hardened and precision-ground D-steel shims, and premium 3x8mm **carbide axial thrustbearing** • easy rear track-width adjustment • rear pod weight balance adjustment





HIGHEST QUALITY  
XRAY  
PREMIUM HIGH COMPETITION  
RACING DESIGN



**XRAY**  
1/12 PAN CAR



**UK**  
DOUBLE CHAMPION

Elliott Harper



Unique T-bar mounting methods allow for two different settings:



• **Club race setting** – direct mounting of T-bar to chassis without front pivotball gives limited adjustment possibilities (recommended for beginner drivers)

• **Pro race setting** – pivotball mounting of T-bar to chassis for more advanced adjustment possibilities (recommended for advanced drivers)



Conventional yet super effective rear suspension

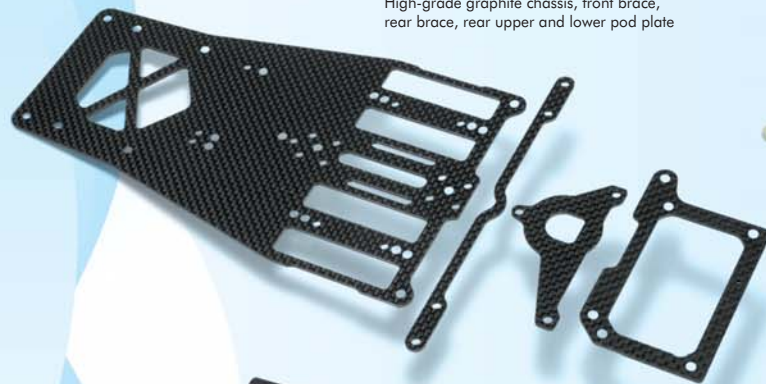


Fully adjustable unique XRAY micro shock absorber



Brushless and modified motor optimized

## HIGH-PERFORMANCE PARTS



High-grade graphite chassis, front brace, rear brace, rear upper and lower pod plate



Fully adjustable T-bar

Ultra-light 7075 T6 Swiss CNC-machined bulkheads with integrated ride height adjustment



High-speed ball-bearings manually selected



Premium hand ground HUDY Spring Steel™ pivotballs



Precision HUDY Spring Steel™ ball studs



Fully-adjustable shock with aluminum hard anodized shock body



Premium HUDY Spring Steel™ wheel axles



Super-lightweight rear axle features 1-piece high-grade precision hand ground graphite rod, precision carbide balls, hardened and ground D-steel shims, and premium carbide axial thrustbearing.



Super lightweight aluminum wheel hubs, hard anodized



Lightweight aircraft aluminum steering turnbuckles



Adjustable HUDY Spring Steel™ turnbuckles



• **authentic 100% self-developed XRAY parts**, designed and manufactured parts by XRAY in Europe • simple yet effective and proven design, well thought-out details, unmatched precision of all small details • specially designed and **optimized for brushless and brushed motors** • composite front chassis protectors • fully-adjustable body holders • easy front caster adjustment • **reactive caster adjustment** 2.5°, 5.0° or 7.5° • front ride height and front track-width adjustment • ultra-flat adjustable composite battery holders • adjustable fiberglass T-bar • chassis tweak adjustment • responsiveness adjustment • special 1-piece aluminum damper pad holder independently mounted to ensure equal left-right movement of rear pod • super-easy motor top access • eccentric composite bushings for ultra-fine rear ride height adjustment • **super-lightweight rear axle** made from 1-piece high-grade graphite rod, additionally precision hand ground to eliminate vibration and run-out high-grade precision **carbide balls**, hardened and precision-ground D-lock steel diff plates, and premium 3x8mm **carbide axial thrustbearing** • easy rear track-width adjustment • rear pod weight balance adjustment



**WORLD'S AFFINIST**

Teemu Leino





1/18 SCALE  
HIGH COMPETITION  
LUXURY PERFORMANCE  
PASSION PREMIUM  
HERITAGE



**M18 PRO**  
1/18 LUXURY HIGH-COMPETITION 4WD RACING CAR

Robby Dodge

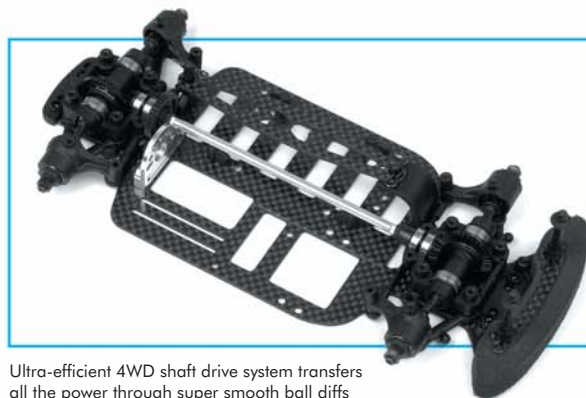
**USA**  
CHAMPION



## MICRO TOURING CAR-TYPE WHEEL MOUNTING SYSTEM

One of the most significant improvements on the M18 PRO is the **new wheel mounting system**. The new M18 PRO features micro versions of standard touring car hex wheel hubs, which mount directly to the efficient universal drive shafts. **New-style wheels** fit onto the hex wheel hub and are secured with machined lightweight nuts.

This system not only improves the performance of the car and allows for solid wheel mounting, it also makes wheel changes very quick and easy.



Ultra-efficient 4WD shaft drive system transfers all the power through super smooth ball diffs



Premium high-performance micro electronics available from XRAY will fit the M18 PRO perfectly

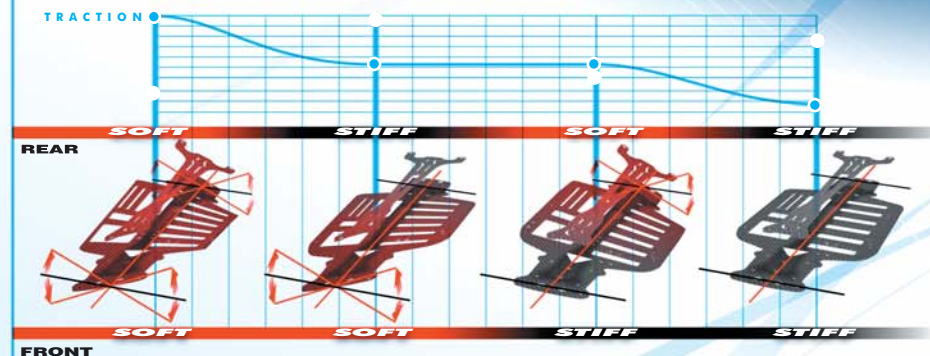
## HIGH-PERFORMANCE PARTS



## MULTI-FLEX™

XRAY **Multi-Flex Technology™** (MFT™) now revolutionizes the micro platform in the new M18 PRO.

With the **MFT™** top deck you can set up and adjust the M18 PRO for all different racing conditions. No matter if you drive on asphalt or carpet, using rubber or foam tires, you can quickly, easily, and independently adjust MFT™ points on the top deck – front or rear – to give you different flex characteristics. Tailoring a micro car to the track has never been this easy!

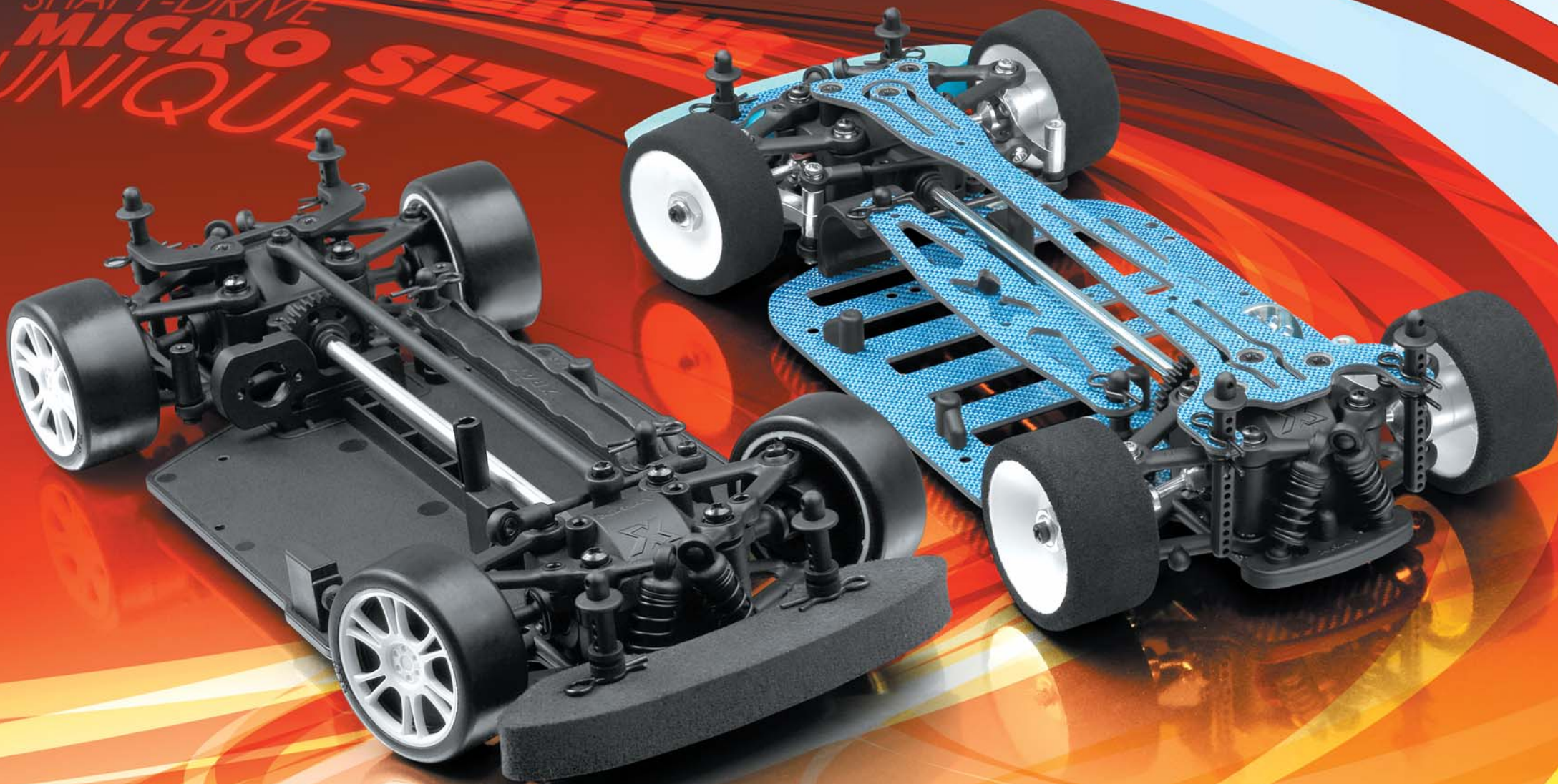


- new **high-competition** micro racing platform designed by legendary RC designer and XRAY's award-winning Chief Designer **Eng. Hudy Juraj** • pure racing design & high-performance pedigree • designed for high-competition brushed and brushless micro motors • ultra-low center of gravity • 4WD shaft-drive ultra-efficient drivetrain • fully-independent front and rear suspension • 6 cell inline chassis CNC-machined from premium **1.6mm graphite** • revolutionary **XRAY Multi-Flex Technology™** top deck allows independent front/rear flex adjustment • new touring car-style hex hub wheel mounting system with aluminum wheel nuts • new harder arms for more aggressive and sharper handling • increased 6° caster for improved steering • externally-adjustable smooth ball differentials front and rear (factory pre-assembled) • adjustable downstops for precision setup • reinforced steering blocks and rear uprights to better withstand hard impacts • longer wheelbase for improved stability • decreased rear toe-in for **higher top speed** and sharper handling • premium **Swiss 7075 T6** aluminum universal adjustable motor holder • drivetrain includes 16 high-speed, high-quality ball-bearings for maximum efficiency and speed • ultra-true aluminum center drive shaft • graphite battery strap holds batteries securely in the chassis • battery stops ensure batteries will not move even in heavy crash • coil-over shocks for **precise chassis handling** • adjustable shock position for damping adjustment • adjustable body posts, front and rear • high-resilience lightweight front foam bumper and graphite bumper brace • spring-loaded servo saver protects steering servo • adjustable steering rod • **premium foam tires**: 50deg front, 35deg rear for maximum stability and easy handling • set of pinion gears for optimum gear ratio adjustment • both 36T and 42T spur gear included • lightweight high-performance racing body • adjustable turnbuckle set for toe-in adjustment included





**LEGENDARY**  
RECORD SETTER  
**PRESTIGIOUS**  
SHAFT-DRIVE  
**MICRO**  
**UNIQUE SIZE**



**M18**  
1/18 4WD SHAFT-DRIVE MICRO CAR

Photo shows standard M18 model and fully-optioned M18





Adjustable shock positions front & rear



Fully-independent suspension front & rear



Precision steering system



RTR kit comes loaded with premium XRAY electronics

## HIGH-PERFORMANCE PARTS

High-resilience Foam Bumper



Front & Rear Coil-over Shocks



Adjustable Motor Mount



Aircraft Aluminum Main Drive Shaft



HUDY Phillips Screwdriver Included



16 High-speed Pre-oiled Ball-bearings



Rubber Tires with Inserts



Front & Rear Gear Differentials



Strong Composite Drive Shafts



Hudy Spring Steel™ Adjustable Steering Rod



## PREMIUM RTR ELECTRONICS

\* battery pack not included



XRAY XMC180 Speed Controller with reverse



XRAY Micro Stock Motor



XRAY XMS-01 Servo Metal-Geared



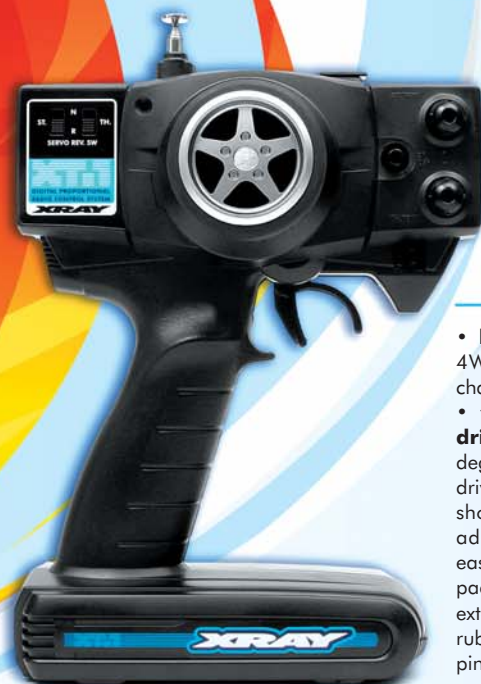
XRAY XR1 Receiver 3-channel

• **high-performance** micro electric on-road car • 1/18 scale • 4WD shaft-drive • accepts standard-size electronics • racing characteristics of 1/10 touring cars • ultra low center-of-gravity (CG) • front and rear gear differentials • **maximum efficiency drivetrain** includes 16 high-speed ball-bearings • ball-bearings degreased and lightly oiled for maximum speed • aluminum main drive shaft • fully-independent front and rear suspension • coil-over shocks for precision dampening • adjustable shock positions • adjustable downstops • **Hudy Spring Steel™** steering rod • easily-adjustable motor mount • chassis accommodates 5-cell battery pack • adjustable body posts • high-resilience front foam bumper • extensive line of micro electronics and optional parts from XRAY • rubber tires + wheels included • 1/18 micro racing on-road body • pinion set for proper gearing adjustment included • **HUDY phillips screwdriver** for comfortable assembly (included in kit only) • model available as kit (#380000) or as complete RTR (#380040)

## EXOTIC RTR PAINT SCHEMES



RTR bodies are available in red, orange, blue and green paint scheme and come completely trimmed



Premium XRAY XT1 Transmitter





HIGH-COMPETITION DESIGN  
IMPROVED HANDLING  
MORE STABLE  
16MM LONGER WHEELBASE  
FULL GRAPHITE LAYOUT  
IMPROVED JUMPING CAPABILITY  
EASIER TO DRIVE

CLIMB IT  
DRIVE IT  
JUMP IT

XRAY is pleased to present the improved and refined M18T PRO - based on the legendary M18T platform, but redesigned with high-performance racing in mind. The M18T PRO's progressive design embodies an enhanced driving experience from the purpose-built performance graphite chassis... to the unique Hudy Spring Steel™ drive shafts ... to the smooth externally-adjustable ball diffs.

The M18T PRO was borne of racing DNA  
to challenge your racing skills on any track.

High performance. Micro size. Undeniably XRAY.



# M18T PRO

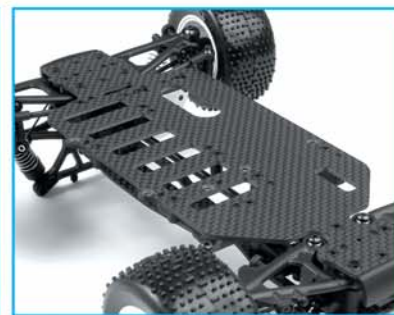
1/18 LUXURY HIGH-COMPETITION ELECTRIC TRUCK



High competition micro truck racing platform



Ultra-efficient 4WD shaft drive system transfers all the power through the lightweight **graphite center shaft**



6 cell chassis from **high grade graphite** material



Adjustable shock positions front & rear

## HIGH-PERFORMANCE PARTS



Adjustable toe-in turnbuckles



Graphite center shaft



Adjustable ball differentials



Set of high-speed ball bearings



Low profile pin rubber tires



Tough composite suspension arms



Servo saver

Alu motor holder



Set of pinions

**Hudy Spring Steel™**  
drive shafts



Nickel-plated pivot balls

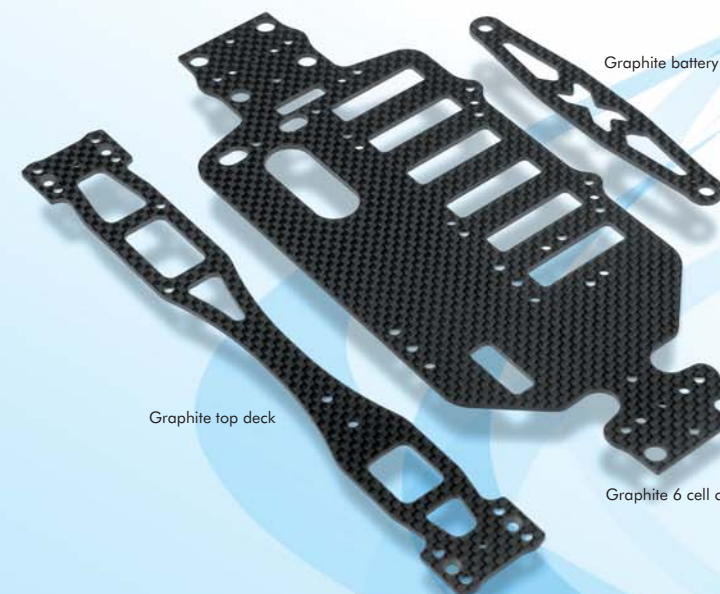


Composite spur gear

Steel spur gear



Front & rear anti-roll bars



Graphite top deck

Graphite battery holder

Graphite 6 cell chassis

• new **high-competition** micro racing platform designed by legendary RC designer and XRAY's award-winning Chief Designer **Eng. Hudy Juraj** • pure racing design & high-performance pedigree • designed for high-competition brushed and brushless micro motors • full graphite layout • 16mm longer wheelbase for improved handling and improved jumping capability • easier to drive and ready to race in high competition races • ultra-low center of gravity • premium 4x **Hudy Spring Steel™** drive shafts • 4WD shaft-drive ultra-efficient drivetrain • fully independent front and rear suspension • 6 cell in-line chassis CNC-machined from premium **2.0mm graphite** • tough composite suspension arms for more aggressive and sharper handling • externally-adjustable smooth ball differentials front and rear (factory pre-assembled) • reinforced steering blocks and rear uprights to better withstand hard impacts • longer wheelbase for improved stability • adjustable turnbuckle set for toe-in adjustment • premium **Swiss 7075 T6** aluminum universal adjustable motor holder • drivetrain includes 16 high-speed, high-quality ball-bearings for maximum efficiency and speed • ultra-true graphite center drive shaft • graphite battery strap holds batteries securely in the chassis • graphite top deck • battery stops ensure batteries will not move even in heavy crash • coil-over oil filled shocks for **precise chassis handling** • adjustable shock position for damping adjustment • spring-loaded servo saver protects steering servo • adjustable steering rods • low profile pin rubber tires with soft foam inserts • set of pinion gears for optimum gear ratio adjustment • both composite and steel spur gears included • lightweight high-performance racing body • nickel-plated pivot balls • front & rear anti-roll bars included • centrally positioned steering system



**M18T**  
1/18 LUXURY MICRO ELECTRIC TRUCK

**MICRO SIZE**

JUMP IT. CLIMB IT. DRIVE IT.

THRILLING  
POWERFUL  
PREMIUM QUALITY



**M18MT**  
1/18 LUXURY MICRO ELECTRIC MONSTER TRUCK

**USA**

Zack Barry





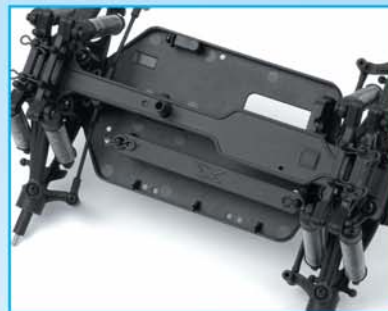
Premium XRAY XT1  
Transmitter



Multiple shock positions



Precision steering system



Fully-independent suspension front & rear



4WD shaft-drive transmission system

## PREMIUM RTR ELECTRONICS

\* battery pack not included

XRAY 370 Supersize Motor



XRAY XR1 Receiver  
3-channel



XRAY XMS-01 Servo  
Metal-Geared



XRAY XMC300R  
Speed Controller with Reverse

## HIGH-PERFORMANCE PARTS

Adjustable Motor Mount



Low Pin Rubber tires + Racing  
Dish Wheels for M18T



Large Chevron Pattern Monster  
Tires + Starburst Wheels for M18MT



Adjustable Ball Differentials



Aircraft Aluminum  
Main Drive Shaft



22 High-Speed Pre-oiled Ball-bearings



Pinion Gears  
Set (4)



Adjustable **Hudy Spring Steel™**  
Steering Rods



Oil-filled Coil-over Shocks



Universal-joints Drive Shafts



CHAMPION

• high-performance micro electric truck • 1/18 scale • 4WD shaft-drive • accepts standard-size electronics • easy to handle in any conditions • central, ball-bearing supported steering system • **externally-adjustable ball differentials** front and rear factory preassembled for smooth operation • maximum efficiency drivetrain includes **22 high-speed ball-bearings** • ball-bearings degreased and lightly oiled for maximum speed • aluminum main drive shaft • fully-independent front and rear suspension • front and rear anti-roll bars included (M18T) • oil-filled coil-over shocks for **precision dampening** • adjustable shock positions • optimized suspension down- and up-travel • adjustable front toe-in (rear optional) • **Hudy Spring Steel™** steering rods • rugged servo saver • easily-adjustable motor mount • chassis accommodates 5- or 6-cell battery packs • extensive line of micro electronics and optional parts from XRAY • set of low pin rubber tires + wheels (M18T) or set of large monster tires + wheels (M18MT) • 1/18 micro racing truck body • pinion set for proper gearing adjustment included • HUDY Phillips screwdriver for comfortable assembly included (in kit only)







WORLD'S FIRST  
WORLD'S SMALLEST  
LIKE EVERYTHING YOU'VE NEVER SEEN!  
EXCITING  
SUPER FAST  
MICRO NITRO  
REVOLUTIONARY

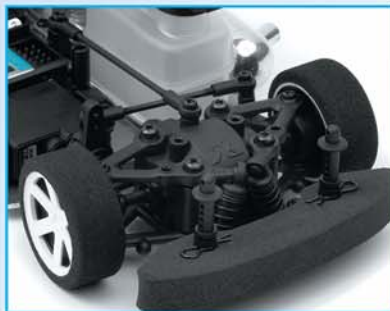
**NT18**  
1/18 LUXURY MICRO NITRO CAR

INCREDIBLY  
HIGH SPEEDS **50** MPH





Fully-independent rear suspension



Fully-independent front suspension for precise and responsive handling



One-piece moulded radio tray allows easy quick access to radio equipment



Unique chassis design allows easy flex adjustment

## PREMIUM ELECTRONICS



**HUDY**  
START-BOX

Receiver Battery Pack



Micro Switch



2x XRAY XMS-01 Servo  
Metal-Geared



## HIGH-PERFORMANCE PARTS

4x Coil-over Shocks



Adjustable **Hudy Spring Steel™**  
Steering Rod



Pre-Mounted Foam  
Tires Front & Rear



Precision Gear Differentials



22 High-Speed  
Pre-oiled Ball-Bearings



HUDY Phillips  
Screwdriver Included



Aircraft Aluminum Drive  
Shaft with Spur Gear



## MICRO ENGINE

- uses standard model car fuel
- standard glowplug design
- durable construction
- large, billet blue anodized aluminum heatsink
- dual-needle, adjustable alu slide carburetor
- 2-shoe aluminum clutch
- T6 aluminum flywheel
- polished muffler
- HUDY steel 23T clutchbell

- high-performance micro car • 1/18 scale • 4WD shaft-drive
- powerful 0.8cc nitro engine • uses standard model car fuel
- accepts standard electronics • **super fast (50+ km/h)** • easy to handle • CNC-machined aluminum engine mounts • aluminum slide carburetor • aluminum flywheel • **HUDY steel clutchbell 23T** • CNC-machined alu clutch shoes • polished muffler • silicone fuel tubing • **Swiss T6 7076** CNC-machined chassis • 1-piece moulded radioplate • high-resilience foam bumper • high-efficiency drivetrain featuring **22 high-speed ball-bearings** • ball-bearings degreased and lightly oiled for maximum speed • precision moulded front and rear gear differentials • adjustable brake • laser cut, **hand-ground** steel brake disk • **Ferodo** brake pads for strong fade-free braking power • aluminum main drive shaft • 30cc fuel tank w/ hypertonic lid & internal stone-type filter • pre-mounted foam tires for maximum stability • fully-independent suspension • 12° pre-set front caster • adjustable shock positions • adjustable downstops • coil-over shocks • adjustable front & rear toe-in (optional) • **Hudy Spring Steel™** steering rod • rugged servo saver • 1/18 on-road body included • low CG • model available without electronics or with premium XRAY electronics (2x metal geared servo, receiver battery pack, switch & HUDY Start Box)



MADE IN JAPAN

## IT'S MICRO, IT'S NITRO, IT'S XRAY





WORLD'S FIRST  
WORLD'S SMALLEST  
MICRO NITRO  
EXCITING

MANUFACTURED  
& ASSEMBLED  
IN EUROPE

TRUCK  
LUXURY

**NT118T**  
1/18 LUXURY MICRO NITRO TRUCK



INCREDIBLY  
HIGH SPEEDS **50** KM/H

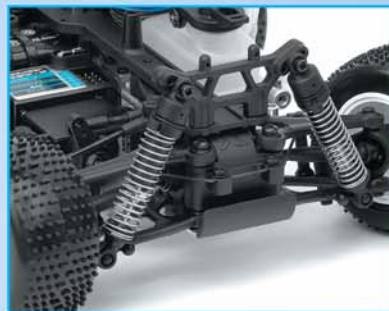




Premium XRAY XT1  
Transmitter



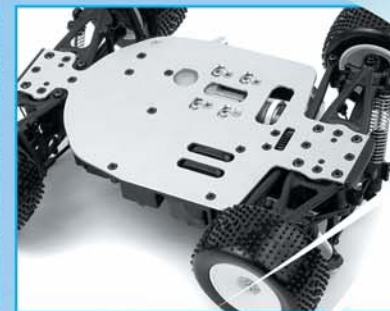
Easy access to rear linkage allows  
quick adjustments for fine tuning



Fully-independent suspension front & rear  
for precise and responsive handling



One-piece moulded radio tray allows  
easy quick access to radio equipment



CNC-machined chassis with  
undercover for spur gear

## PREMIUM RTR ELECTRONICS



**HUDY**  
START-BOX



Receiver Battery Pack



XRAY XR1 Receiver  
3-Channel



2x XRAY XMS-01 Servo  
Metal-Geared



Micro Switch

## MICRO ENGINE

- uses standard model car fuel
- standard glowplug design
- durable construction
- large, billet blue anodized aluminum heatsink
- dual-needle, adjustable alu slide carburetor
- 2-shoe aluminum clutch
- T6 aluminum flywheel
- polished muffler
- HUDY steel 16T clutchbell

- high-performance micro nitro truck • 1/18 scale • 4WD shaft-drive •
- powerful 0.8cc nitro engine • uses standard model car fuel • accepts
- standard electronics • **super fast (50+ km/h)** • easy to handle in any
- conditions • CNC-machined aluminum engine mounts • aluminum slide
- carburetor • aluminum flywheel • **HUDY steel clutchbell** •
- CNC-machined alu clutch shoes • polished muffler • 30cc fuel tank w/
- hypertonic lid & internal stone-type filter • silicone fuel tubing • **Swiss**
- T6 7076** CNC-machined chassis • 1-piece moulded radioplate • top
- deck for maximum stability • central, ball-bearing supported steering
- system • externally-adjustable ball differentials front and rear factory
- preassembled for smooth operation • high-efficiency drivetrain
- featuring 26 high-speed ball-bearings • ball-bearings degreased and
- lightly oiled for maximum speed • adjustable brake • laser cut,
- hand-ground steel brake disk • **Ferodo®** brake pads for strong,
- fade-free braking power • aluminum main drive shaft • steel spur gear
- for dusty tracks • low CG • fully-independent suspension • front and rear
- anti-roll bars • **oil-filled coil-over shocks** for precision dampening
- adjustable shock positions • optimized suspension down- and up-travel
- adjustable front toe-in (rear optional) • **Hudy Spring Steel™** steering
- rods • rugged servo saver • 36pc nickel-coated steel pivot balls
- throughout the suspension • racing style dish wheels • rubber low pin
- tires with foam inserts • 1/18 racing truck body included • HUDY Phillips
- Screwdriver included • model available as a kit or as complete RTR • kit
- available with or without electronics



MADE IN JAPAN

## HIGH-PERFORMANCE PARTS

4x Oil-filled Coil-over Shocks



Low Pin Rubber Tires + Racing  
Dish Wheels



Adjustable Ball Differentials



HUDY Phillips  
Screwdriver Included

Adjustable **Hudy Spring Steel™**  
Steering Rods



Aircraft Aluminum Drive  
Shaft with Steel Spur Gear



26 High-Speed  
Pre-oiled Ball-bearings



## IT'S MICRO, IT'S NITRO, IT'S XRAY





# LUXURY RTR

WORLD'S SMALLEST

PURE  
FUN

INSANE  
POWER

MICRO NITRO  
READY TO RACE

MANUFACTURED  
& ASSEMBLED IN EUROPE

## NT18MT

1/18 LUXURY MICRO NITRO MONSTER TRUCK



INCREDIBLY  
HIGH SPEEDS **50** KM/H





Premium XRAY XT1  
Transmitter



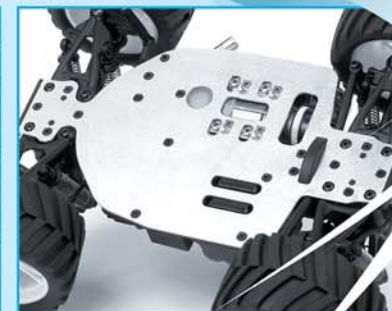
Easy access to rear linkage allows  
quick adjustments for fine tuning



Fully-independent suspension front & rear  
for precise and responsive handling



One-piece moulded radio tray allows  
easy quick access to radio equipment



CNC-machined chassis with  
undercover for spur gear

## PREMIUM RTR ELECTRONICS



**HUDY**  
START-BOX



Receiver Battery Pack

2x XRAY XMS-01 Servo  
Metal-gear

Micro Switch

## MICRO ENGINE

- uses standard model car fuel
- standard glowplug design
- durable construction
- large, billet blue anodized aluminum heatsink
- dual-needle, adjustable alu slide carburetor
- 2-shoe aluminum clutch
- T6 aluminum flywheel
- polished muffler
- HUDY steel 23T clutchbell



MADE IN JAPAN

• high-performance micro monster truck • 1/18 scale • 4WD shaft-drive • powerful 0.8cc nitro engine • uses standard model car fuel • accepts standard electronics • **super fast (50+ km/h)** • easy to handle in any conditions • CNC-machined aluminum engine mounts • aluminum slide carburetor • aluminum flywheel • **HUDY steel clutchbell** • CNC-machined alu clutch shoes • polished muffler • 30cc fuel tank w/ hypertonic lid & internal stone-type filter • silicone fuel tubing • **Swiss 7075 T6** CNC-machined chassis • 1-piece moulded radioplate • top deck for maximum stability • central, ball-bearing supported steering system • externally-adjustable ball differentials front and rear factory preassembled for smooth operation • high-efficiency drivetrain featuring **26 high-speed ball-bearings** • ball bearings degreased and lightly oiled for maximum speed • adjustable brake • laser cut, **hand-ground** steel brake disk • **Ferodo®** brake pads for strong, fade-free braking power • aluminum main drive shaft • steel spur gear for dusty tracks • low CG • fully-independent suspension • 8x oil-filled coil-over shocks for precision dampening • adjustable shock positions • optimized suspension down- and up-travel • adjustable front toe-in (rear optional) • **Hudy Spring Steel™** steering rods • rugged servo saver • 36pc nickel-coated steel pivot balls throughout the suspension • large Chevron pattern monster tires • XRAY Starburst monster wheels • 1/18 monster body included • model available only as an RTR featuring premium XRAY electronics (radio, receiver, 2x metal geared servo, receiver battery pack, switch & HUDY Micro Start Box)

## HIGH-PERFORMANCE PARTS

8x Oil-filled Coil-over Shocks



Adjustable **Hudy Spring Steel™**  
Steering Rods

Micro Monster Truck Tires Chevron Pattern  
+ Starburst Wheels



Aircraft Aluminum Drive  
Shaft with Steel Spur Gear

Adjustable Ball Differentials



26 High-speed  
Pre-oiled Ball-bearings

## EXOTIC RTR PAINT SCHEMES

RTR bodies are available in red, orange, blue and green paint scheme and come completely trimmed





# OPTION PARTS FOR NT1

(RC Driver, USA)

"The NT1 has all the characteristics of a typical XRAY product from the great quality and design to the awesome handling."

"If you're looking for the next step to that first-place podium finish, then definitely take a look at the NT1."

"It is sure to bring every racer to the top of their game."

( Xtreme RC Cars, USA )

"Still XRAY has to be one of the most determined companies, and when they enter a market, they go in with the goal of making the best. The NT1 is what we've come to expect from XRAY: high quality and high performance."

"XRAY's engine mount system is awesome."

## XRAY MULTI-DIFF™

#335100 XRAY Multi-Diff™  
• one-way  
• solid one-way  
• solid axle



## Super-Light Solid Axle

#335180 XRAY Super-Light Solid Axle Set Hudy Spring Steel™



## Brake Disk Adapter

#334141  
Lightweight Brake Disk Adapter  
Swiss 7075 T6



## Multi-Flex™

#338712  
Multi-Flex™  
1-Piece Engine  
Mounting System  
Swiss 7075 T6  
+ Graphite Braces



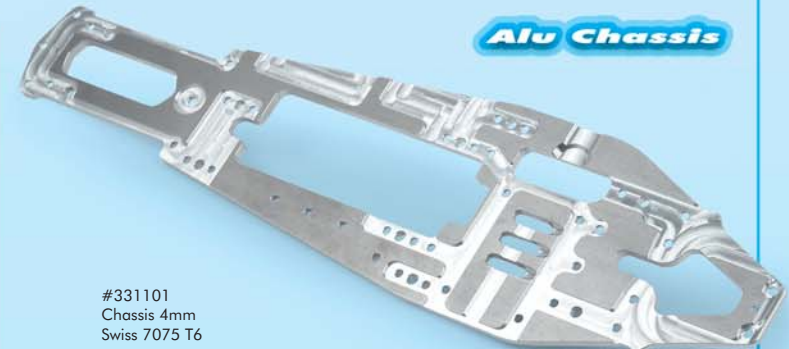
## Drive Flange

#335531  
Lightweight Drive Flange  
with One-Way Bearing  
Alu Swiss 7075 T6

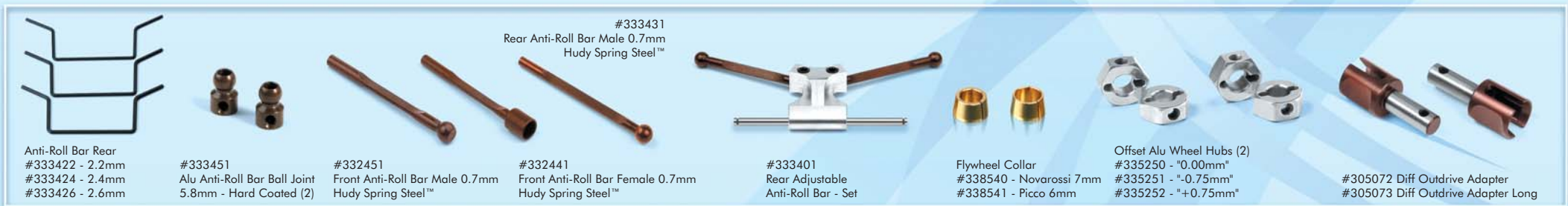


## Alu Chassis

#331101  
Chassis 4mm  
Swiss 7075 T6







The parts listed on this page will fit the NT1. However, to use some parts may require the use of some other parts, therefore if you are not familiar with all the specifications we suggest that you contact your nearest XRAY Authorized Dealer to receive complete information.  
Or you may visit [www.teamxray.com](http://www.teamxray.com) where you will find complete information and specifications list. On the XRAY Web site you will also find all the latest and newest option parts.



# OPTION PARTS FOR 1/10 TOURING CARS



Xtreme (USA)

"Like a fighter jet, the XRAY was so easy to drive at high speeds that I could fly through slower lapped traffic on the straights without letting off the trigger."

R/C Car (USA)

"If you are searching for that perfect touring car, XRAY can be it with no questions asked."

"It combines everything a performance oriented racer could want, including quality, performance, and price into a package that is flying off shelves and landing in podium everywhere."



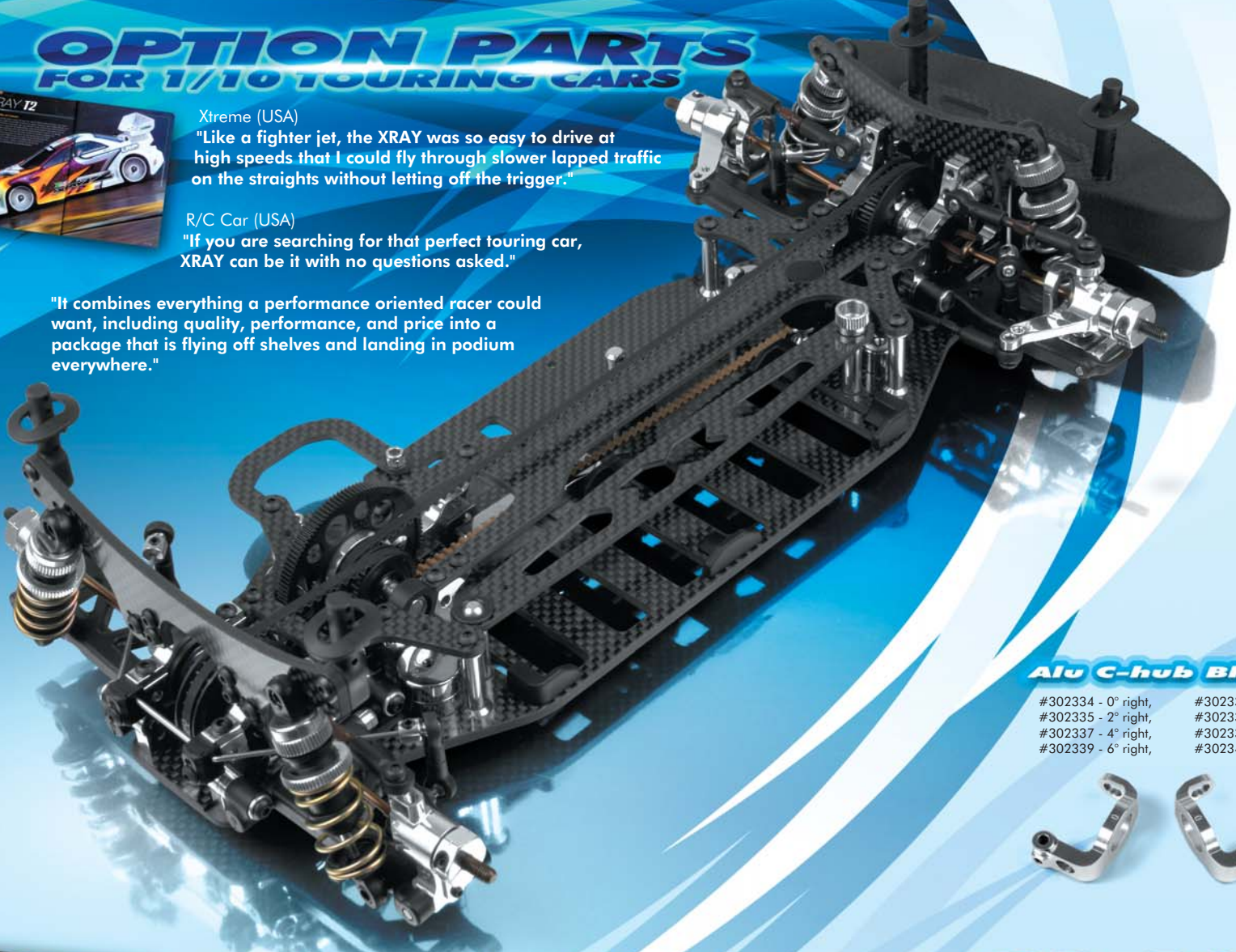
Car Action (USA)

"I'll be sticking with my XRAY. I'm faster with it, and it's the easiest car to work on that I've ever owned."

"I can't imagine a car that's easier to work on. Everything is very accessible. Tuning adjustment and repairs couldn't be any easier."

Racer (UK)

"This is just about the best touring car I have ever driven - even with standard settings, the Xray was fast..."



## XRAY MULTI-DIFF™

#305104 XRAY Multi-Diff™

- one-way
- solid one-way
- solid axle



## BALL DIFFERENTIALS



#305003

Alu Ball Differential  
Hard Coated Swiss 7075 T6  
features 34T + 38T pulley

## Alu C-hub Block

#302334 - 0° right,  
#302335 - 2° right,  
#302337 - 4° right,  
#302339 - 6° right,

#302334 - 0° left  
#302336 - 2° left  
#302338 - 4° left  
#302340 - 6° left



## Solid Axle

Composite Solid Axle  
#305184 - 34T Foam-Spec  
#305188 - 38T Rubber-Spec



#305136  
Alu Solid Axle Driveshaft Adapters (2)  
Hard Coated

## Alu Rear Uprights

#303358 - 1° outboard toe L+R  
#303359 - 2° outboard toe L+R

Including Composite Bushings and Ball Bearings



## Alu Steering Block

#302256 Alu Steering Block L/R  
Including Composite Bushings and Ball Bearings







The parts listed on this page will fit the T2, T2'007, T2'008, T2'009 and T2R. However, to use some parts may require the use of some other parts, therefore if you are not familiar with all the specifications we suggest that you contact your nearest XRAY Authorized Dealer to receive complete information. Or you may visit [www.teamxray.com](http://www.teamxray.com) where you will find complete information and specifications list. On the XRAY Web site you will also find all the latest and newest option parts, as well as more information about previous models (T1, T1EVO2, T1FK, T1FK'05, T2'007, T2'008) on which the different option parts may fit.



# OPTION PARTS FOR 808

(R/C Car, USA)

"The damage report throughout testing has been excellent and 808 held up through abuse with a clean bill of health."  
"It's tough not to sound like a broken record when raving about the quality of Xray's kits. The 808 is a pleasure to build and looks like a work of art sitting on the pit table."

(Car Action, USA)

"It accelerates hard and carries excellent corner speed, whether you're on the gas on exit or coasting as you enter a 180."



## Engine Mount

Alu Stands For Engine Mount - Hard Coated  
#358718 - Novarossi, Sirio, R&B, Max, JP, GRP  
#358719 - Picco, Mega, Orion, LRP, OS



#358714  
XB808 Alu One-Piece Engine Mount  
- Swiss 7075 T6 - Hard Coated

## Alu SWISS 7075 T6 Parts



#353093  
XB808 Alu Rear Shock Tower Swiss  
7075 T6 (3mm) - Hard Coated



#352093  
XB808 Front Alu Shock Tower Swiss  
7075 T6 (3mm) - Hard Coated



XB808 Alu Caster Block - Swiss 7075 T6 - Hard Coated

#352216 Right 10°  
#352226 Left 10°  
#352217 Right 12°  
#352227 Left 12°  
#352218 Right 14°  
#352228 Left 14°  
#352219 Right 16°  
#352229 Left 16°



#352573  
XB808 Alu Steering Plate Swiss  
7075 T6 (3mm) - Hard Coated



#353356  
XB808 Alu Adjustable Rear Hub Carrier - Swiss  
7075 T6 (7mm) - Hard Coated



#352256  
XB808 Alu Steering Block Right - Swiss  
7075 T6 - Hard Coated



#352266  
XB808 Alu Steering Block Left - Swiss  
7075 T6 - Hard Coated



#352303  
XB808 Alu Front Lower Susp. Holders Set  
- Swiss 7075 T6 (7mm) - Hard Coated



#353303  
XB808 Alu Rear Lower Susp. Holders Set  
- Swiss 7075 T6 (7mm) - Hard Coated

## Active Diff™

#355102  
XRAY XB808 Active DiffT





The parts listed on this page will fit the XB808. However, to use some parts may require the use of some other parts, therefore if you are not familiar with all the specifications we suggest that you contact your nearest XRAY Authorized Dealer to receive complete information. Or you may visit [www.teamxray.com](http://www.teamxray.com) where you will find complete information and specifications list. On the XRAY Web site you will also find all the latest and newest option parts, as well as more information about previous models (XB8, XB8TQ, XB8EC) on which the different option parts may fit.



# OPTION PARTS FOR 1/8 TRUGGY



RACER, ( UK )

"The XT8 oozes quality and has a huge amount of static horsepower. The Truggy is a top end pro machine which is already showing it has what it takes to be up there with the best."

"The XT8 is fine example of Xray's reputation for quality products for the serious racers among us."

RC Driver, ( USA )

"XRAY is already a top performer in the 1/8 buggy class, and now XRAY has a top competitor in the truggy class as well."

"If you are looking for a new truggy or want to expand your off-road RC driving ability this may be the perfect truck for you."

"On power, this truck is a monster. I was able to rip down the 120-plus-foot straight, hit the brakes 15 feet before the sweeper and grab full throttle again, hold it and rip through the sweeper."

"Team XRAY always turns heads when a new vehicle comes out of their stable, but the XT8 is going to break some necks."

"XRAY did a phenomenal job with their introduction into the truggy class."

Racing Lines, ( Australia )

"If you're looking for a competition 1:8 truggy, look for the XRAY XT8."

"Acceleration: awesome!"

"XT8 is brilliant in the air."

## Alu Plates

## Alu Adjustable Engine Mount



#351345  
Alu Upper Plate 7075 T6 (4mm)



#356116  
Alu Radio Plate 7075 T6 (3mm) - V2  
( will not fit XT8 2009 specs )



#354055  
Alu Center Diff Mounting  
Plate 7075 T6 (3mm)



Alu Adjustable Engine Mount  
#358712 - Novarossi, Sirio, R&B, Max, JP  
#358713 - Picco, Mega, Orion, LRP, OS

## Adjustable Alu Rear Carrier

## Alu Steering Block



#353365  
Adjustable Alu Rear Hub Carrier - Left



#353355  
Adjustable Alu Rear Hub Carrier - Right



#352265  
Alu Steering Block - Right



#352255  
Alu Steering Block - Right



## Active Diff™

#355101 XRAY XT8 Active Diff™





#358046  
Alu Shock Pivot Ball With Hex  
Hard Coated (2)



#333451  
Alu Anti-Roll Bar Ball Joint 5.8mm  
Hard Coated (2)



#353161  
Alu Mounting Ball 6.8  
Hard Coated (4)



#353171  
Alu Pivot Ball 6.8  
Hard Coated (4)

Front Anti Roll Bar  
#352422 - 2.2mm  
#352424 - 2.4mm  
#352426 - 2.6mm  
#352428 - 2.8mm  
#352430 - 3.0mm  
#352432 - 3.2mm

Rear Anti Roll Bar  
#353424 - 2.4mm  
#353426 - 2.6mm  
#353428 - 2.8mm  
#353430 - 3.0mm  
#353432 - 3.2mm



#353369  
Graphite Mud Scraper Set



#352080  
Front Torque Rod Set

Steel Eccentric Bushing



#352170 0°

#352174 1°

XT8 Alu Shock Tower CNC Machined Swiss 7075 T6 (4mm)



#352098 Front



#353098 Rear

Alu TQ Rear Lower Susp. Holders - 7075 T6



#353323  
Rear (5mm)



#353312  
2°-4° Anti-squat  
Front (7mm)

Alu TQ Front Lower & Upper Susp. Holders - 7075 T6



#352332  
Upper (8mm)



#352320  
Lower Rear (5mm)



#352311  
Lower Front (7mm)

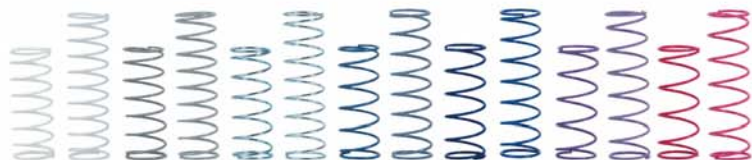
Alu Brace 7075 T6 (5mm)



#352086 Front

#353085 Rear

XRAY Spring Set for big bore shocks



#358182 Front White C=0.65  
#358282 Rear White C=0.47  
#358183 Front Grey C=0.70  
#358283 Rear Grey C=0.50  
#358184 Front Silver C=0.75  
#358284 Rear Silver C=0.53  
#358185 Front Grey-Blue C=0.80  
#358285 Rear Grey-Blue C=0.57  
#358186 Front Blue C=0.86  
#358286 Rear Blue C=0.61  
#358187 Front Violet C=0.92  
#358287 Rear Violet C=0.65  
#358188 Front Purple C=0.98  
#358288 Rear Purple C=0.70



#355265  
Alu Wheel Nut With Cover  
Hard Coated (2)



#355127  
Active Diff Segment  
120° (2pcs)



Clutch Bell - HUDY Steel  
#358515 - 15T  
#358514 - 14T  
#358513 - 13T



#355049 - 47T  
#355050 - 46T

#355041  
Diff Spur Gear 41T



#355141  
Active Diff Spur Gear 41T



#358900  
Alu Fuel Filter Set



#353550  
Alu Rear Wing  
Mount Brace (2pcs)

Clutch Springs V2



#358586  
Extra Hard (3)

#358585  
Hard (3)

#358583  
Soft (3)

#358584  
Medium (3)



#354121  
Steel Brake Pad - Laser Cut  
Hardened (4)



#355255  
Offset "+5mm"  
Lightweight

Alu Wheel Axle Offset - Hard Coated



#355252  
Offset "+2mm"

#355251  
Offset "+1mm"



#356050  
Battery Cable With Switch



#358951  
Silicone Tubing 1m  
Fluorescent Yellow

XRAY XT8 Wheel Stickers - Die-Cut



#397351 - Orange

#397352 - Blue

#397353 - Green

#397354 - Pink

XRAY Wing Sticker - Die-Cut



#397347 - Orange

#397348 - Blue

#397349 - Green

#397350 - Pink

Truggy Aerodisk Wheels



#359836 - Orange

#359838 - Pink

#359839 - Yellow

Rear Wing



#353515 - Black

#353518 - Pink

#353516 - Orange

#353519 - Yellow



# OPTION PARTS FOR 1/18 TOURING CARS



## M18 PRO Conversion Sets

## Alu Wheel Axle



- #385203 M18 PRO Alu Wheel Axle - Offset "0mm" (2)
- #385253 M18 PRO Alu Wheel Axle - Offset "+1.0mm" (2)
- #385254 M18 PRO Alu Wheel Axle - Offset "+2.0mm" (2)
- #385262 M18 PRO Alu Wheel Nut (2)

## Alu Drive Shafts



- #385203 Alu Drive Shaft For Hex Adapter (2)

## Alu Steering Block



- #381152 - M18 PRO Graphite Chassis, Top Deck, Batt. & Bumper Holder Set - Black

- #381153 - M18 PRO Graphite Chassis, Top Deck, Batt. & Bumper Holder Set - Blue

- #381154 - M18 PRO Graphite Chassis, Top Deck, Batt. & Bumper Holder Set - Silver

- #382262 Alu Suspension Block Right

- #382252 Alu Suspension Block Left



Foam Tires Mounted  
M18, NT18

#389531  
Rear - Soft (35DEG)  
#389533  
Rear - Medium (40DEG)  
#389534  
Front - Medium (40DEG)  
#389536  
Front - Hard (50DEG)



Foam Tires Mounted  
M18 PRO

#389541  
Rear - Soft (35DEG)  
#389543  
Rear - Medium (40DEG)  
#389544  
Front - Medium (45DEG)  
#389546  
Front - Hard (50DEG)



Rubber Tires + Inserts

#389650  
Front (50DEG)  
#389640  
Front + Rear  
(40DEG)



#389912  
Wheel Aerodisk  
M18 PRO (Hex Hub) - Rubber (2+2)



#385511  
Graphite Main  
Driveshaft  
M18  
M18 PRO



#389171  
XRAY Micro Servo XMS02MG  
Metal Gear



#389181  
XRAY Micro Speed Controller  
XMC300 with Brake



#385201  
Alu Drive Shaft - Set (2) - Blue  
M18, NT18



#385202  
Composite Drive Shaft  
with Hex Adapter - Set (2)



#382021  
Alu Motor Holder - Universal - Blue  
M18 only



#382023  
Alu Motor Holder  
M18 PRO - 7075 T6 (5mm)



#385101  
Front One-way  
Differential - Set - Blue



#385001  
Alu Adj. Ball Differential - Set  
Hard Coated



#385002  
Composite Adjustable Ball Differential



#381221  
Foam Bumper - Blue



#383220 Set of Rear Linkages 2.5° Toe-in (2)

#383300 Adjustable Turnbuckle Set for Toe-in Adjustment



#385701  
Composite Pinion Set (13, 14, 15, 16)



Steel Pinion Gear  
M18, M18 PRO

#385612 - 12T/48  
#385613 - 13T/48  
#385614 - 14T/48  
#385615 - 15T/48  
#385616 - 16T/48

#385617 - 17T/48  
#385619 - 19T/48  
#385621 - 21T/48  
#385623 - 23T/48



Set of Suspension Arms  
#382106 - 6° Caster (2)  
#382107 - 6° Caster - Hard (2)



#382101  
Set of Suspension Arms,  
Lower + Upper (2+1+1) - Hard



#387541  
M18 Nickel Coated Pivot Ball  
4.2mm Type C (8)



#387561  
M18 Nickel Coated Pivot Ball  
5.8mm Type A (16)



#387562  
M18 Nickel Coated Pivot Ball  
5.8mm Type B (8)



#930125  
Carbide Ball-Bearing Axial  
2.5x5.4x0.8



#930120  
Carbide Ball  
2.4mm (12)



#940610  
High-Speed Ball-Bearing  
6x10x3 Rubber Sealed (2)



#382041  
Alu Heat Sink for  
Super Size Motor



#389163  
XRAY Micro Motor 370  
Supersize



#389701  
Micro Body 1/18 Supra - 150mm



#389702  
Micro Body 1/18 Lago - 150mm



#389703  
Micro Body 1/18 956 - 150mm



#389707  
Micro Body 1/18 NT18 - F360



#389706  
Micro Body 1/18 Touring - 150mm

The parts listed on this page will fit the M18, M18PRO and NT18. However, to use some parts may require the use of some other parts, therefore if you are not familiar with all the specifications we suggest that you contact your nearest XRAY Authorized Dealer to receive complete information. Or you may visit [www.teamxray.com](http://www.teamxray.com) where you will find complete information and specifications list. On the XRAY Web site you will also find all the latest and newest option parts, as well as more on which model the different option parts may fit or not.



# OPTION PARTS

## FOR 1/18 TRUCKS & MONSTER TRUCKS



#381173  
M18T Graphite Micro Truck  
Conversion Set - Black

#381171  
M18T Graphite Micro Truck  
Conversion Set - Blue

#381172  
M18T Graphite Micro Truck  
Conversion Set - Silver

### Conversion Sets

### Alu Motor Holder

#382052  
Alu Motor Holder  
7075 T6 (5mm)



### Alu Oil Shock

### Alu Steering Block

#385524  
Graphite Main Driveshaft  
M18T PRO



#385305  
Drive Shafts  
Hudy Spring Steel™ Set (2)



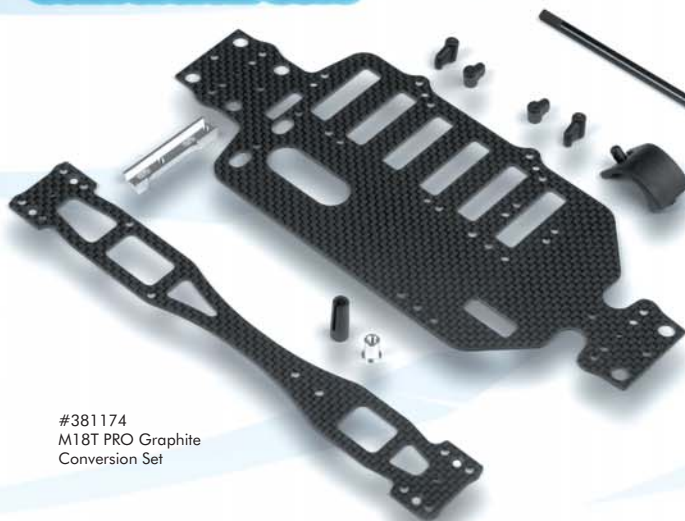
#388401  
Rear Alu Oil Shock  
Absorbers (2)

#388400  
Front Alu Oil Shock  
Absorbers (2)



#382252  
Alu Suspension  
Block - Left

#382262  
Alu Suspension  
Block - Right



#381174  
M18T PRO Graphite  
Conversion Set



Steel Pinion Gear  
fits M18T, M18MT



#385609 - 9T/48  
#385610 - 10T/48  
#385611 - 11T/48  
#385612 - 12T/48

#385613 - 13T/48  
#385614 - 14T/48  
#385615 - 15T/48  
#385616 - 16T/48

Clutch Bell With Ball-Bearings - HUDY Steel



#388516 - 16T - fits NT18T, NT18MT  
#388521 - 21T - fits NT18, NT18T, NT18MT  
#388523 - 23T - fits NT18  
#388525 - 25T - fits NT18

XRAY Spring Front + Rear - Set



#388192 Medium



#388191 Soft-Medium

XRAY Spring Front + Rear (4+4) - Set



#388181 Soft



#382412  
Anti-Roll Bar Front & Rear  
1.2mm

Steel Spur Gear + Composite  
Spur Gear Adapter



#385654 54T / 48P  
#385665 65T / 48P



#383302  
Adj. Turnbuckle Set for  
Toe-in Adjustment



Graphite Battery Holder  
#386115 Black  
#386111 Blue  
#386112 Silver



#383095  
Alu Shock Tower Rear  
7075 T6 (4mm)



#382095  
Alu Shock Tower Front  
7075 T6 (4mm)



#385350  
Conversion Alu Wheel Hubs  
for 1/10 Foam Tires



#382041  
Alu Heat Sink  
for Super Size Motor



#385001  
Alu Adj. Ball Differential  
Hard Coated - Set



#940610  
High-Speed Ball-Bearing  
6x10x3 Rubber Sealed (2)

#389611  
Low Pin Rubber Tires  
- Hard Compound,  
Including  
Foam Inserts  
(4)



FOR M18T & NT18T

#389620  
Micro Monster Truck Tires  
- Thrax Pattern,  
Including  
Foam Inserts  
(4)



FOR M18MT & NT18MT

#389622  
Micro Monster Truck Tires  
- Skew Pattern,  
Including  
Foam Inserts  
(4)



FOR M18MT & NT18MT

#389581  
M18MT Rear Foam Tire Mounted  
(25deg) - White (2)  
#389582  
M18MT Rear Foam Tire Mounted  
(37deg) - Magenta (2)  
#389583  
M18MT R/F Foam Tire Mounted  
(42deg) - Purple (2)  
#389584  
M18MT Front Foam Tire Mounted  
(42/47deg) - Purple/Orange (2)



#389561  
M18T Rear Foam Tire Mounted  
(25deg) - White (2)  
#389562  
M18T Rear Foam Tire Mounted  
(37deg) - Magenta (2)  
#389563  
M18T R/F Foam Tire Mounted  
(42deg) - Purple (2)  
#389564  
M18T Front Foam Tire Mounted  
(42/47deg) - Purple/Orange (2)



#385521  
Graphite Main Driveshaft  
M18T, M18MT

Truck Body DRAGONFIRE - Pre-painted & Trimmed



#389774 - Green



#389773 - Red



#389772 - Blue



#389771 - Orange

XRAY Aerodisk Wheels (4)  
FOR M18T & NT18T



#389936 - Orange



#389939 - Yellow



#389938 - Pink

Monster Truck Body DRAGONFIRE - Pre-painted & Trimmed



#389766 - Green



#389765 - Red



#389764 - Blue



#389763 - Orange

XRAY Starburst Wheels (4) FOR M18MT & NT18MT



#389946 - Orange



#389949 - Yellow



#389948 - Pink

The parts listed on this page will fit the M18T, M18MT, NT18T & NT18MT. However, to use some parts may require the use of some other parts, therefore if you are not familiar with all the specifications we suggest that you contact your nearest XRAY Authorized Dealer to receive complete information. Or you may visit [www.teamxray.com](http://www.teamxray.com) where you will find complete information and specifications list. On the XRAY Web site you will also find all the latest and newest option parts, as well as more information on which of the different models all the different option parts may or may not fit.





XRAY Team  
T-Shirt - Orange  
#395017M - (M)  
#395017L - (L)  
#395017XL - (XL)  
#395017XXL - (XXL)  
#395017XXXL - (XXXL)

XRAY Team  
Polo Shirt  
#395202 - (M)  
#395203 - (L)  
#395204 - (XL)  
#395205 - (XXL)

XRAY Team  
Lady Polo Shirt  
#395206XS - (XS)  
#395206S - (S)  
#395206M - (M)  
#395206L - (L)



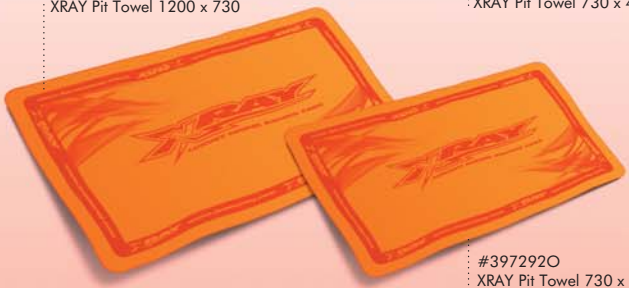
XRAY Team  
Carrying Bag  
#397232

#397291B  
XRAY Pit Towel 1200 x 730



#397291O  
XRAY Pit Towel 1200 x 730

#397292B  
XRAY Pit Towel 730 x 450



#397292O  
XRAY Pit Towel 730 x 450

XRAY  
Team T-Shirt - Blue  
#395016M - (M)  
#395016L - (L)  
#395016XL - (XL)  
#395016XXL - (XXL)  
#395016XXXL - (XXXL)

XRAY Team  
Lady T-Shirt - Light Blue  
#395031XS - (XS)  
#395031S - (S)  
#395031M - (M)  
#395031L - (L)  
#395031XL - (XL)

XRAY Team  
Lady T-Shirt - White  
#395030XS - (XS)  
#395030S - (S)  
#395030M - (M)  
#395030L - (L)  
#395030XL - (XL)

XRAY Team  
Lady T-Shirt - Dark Blue  
#395032XS - (XS)  
#395032S - (S)  
#395032M - (M)  
#395032L - (L)  
#395032XL - (XL)



XRAY Cap  
#396902 - (M)  
#396903 - (XL)  
#396904 - (XXL)

XRAY Team  
Windbreaker  
#396002 - (M)  
#396003 - (L)  
#396004 - (XL)  
#396005 - (XXL)

XRAY Team  
Sweater  
#395412 - (M)  
#395413 - (L)  
#395415 - (XL)  
#395416 - (XXL)

XRAY Team  
Softshell Jacket  
#396020M - (M)  
#396020L - (L)  
#396020XL - (XL)  
#396020XXL - (XXL)



#397242  
Storage Box - Small



#397241  
Storage Box - Large



#397231  
XRAY Team Carrying Bag

**SET-UP BOARD LIMITED EDITION  
CUSTOMIZED WITH YOUR NAME  
FOR FREE**

**YOUR  
NATIONAL FLAG**

**YOUR NAME  
& YOUR TEAM XRAY**

**YOUR  
DISTRIBUTOR**



**TEAM ACCESSORIES**

#309901 XRAY Aluminum 1/10 Touring Set-Up Board



# PREMIUM SILICONE OIL

The small details are often the ones that yield the largest gains in racing. With this philosophy, XRAY is pleased to introduce a new high-quality, lab-certified line of oils that will make "dialing in" quicker and easier.

Manufactured in Europe by a specialized silicone oil premium manufacturer, these new oils were exclusively created for XRAY. Each batch of premium oil is laboratory tested and calibrated to ensure the highest possible consistency and quality from batch to batch. Based on the industry-proven CST rating, the new line of oils will be easy to identify, adjust, and feel.

All in all, every small detail of XRAY's new oil line has been covered, making for another extraordinary XRAY product line; perfect down to the last detail.

## XRAY Premium Silicone Oil

|                   |                      |                       |
|-------------------|----------------------|-----------------------|
| #359210 - 100 cSt | #359270 - 700 cSt    | #359315 - 15 000 cSt  |
| #359215 - 150 cSt | #359280 - 800 cSt    | #359320 - 20 000 cSt  |
| #359220 - 200 cSt | #359290 - 900 cSt    | #359330 - 30 000 cSt  |
| #359225 - 250 cSt | #359301 - 1000 cSt   | #359340 - 40 000 cSt  |
| #359230 - 300 cSt | #359302 - 2000 cSt   | #359350 - 50 000 cSt  |
| #359235 - 350 cSt | #359303 - 3000 cSt   | #359360 - 60 000 cSt  |
| #359240 - 400 cSt | #359305 - 5000 cSt   | #359380 - 80 000 cSt  |
| #359245 - 450 cSt | #359306 - 6000 cSt   | #359392 - 100 000 cSt |
| #359250 - 500 cSt | #359307 - 7000 cSt   | #359394 - 150 000 cSt |
| #359255 - 550 cSt | #359308 - 8000 cSt   | #359396 - 200 000 cSt |
| #359260 - 600 cSt | #359310 - 10 000 cSt | #359398 - 300 000 cSt |



EASY-TO-CUT NOZZLE  
ALLOWS HIGH-VISCOSITY  
OILS TO BE DISPENSED EASILY

SMALL LABEL WITH THE PRINTED  
VISCOSITY VALUE FOR INSTANT  
READING FROM TOP

BACK OF THE BOTTLE HAS A SMALL  
VIEWPORT TO SEE THE OIL LEVEL  
INSIDE THE BOTTLE

SMART XRAY OIL-SCALE IDENTIFIES  
POSITION OF THE PARTICULAR OIL

SQUARE SHAPE OF THE BOTTLE  
MAKES IT SUPER EASY TO SQUEEZE  
AND PREVENTS IT FROM ROLLING  
OFF YOUR WORKBENCH

LARGE EASILY-VISIBLE  
OIL VISCOSITY VALUE

BOTTLE SPECIFICALLY  
FOR RC CAR RACERS

CAP TIGHTENS SNUGGLY AND ITS  
POSITIVE SEAL PREVENTS LEAKAGE

SLIM NOZZLE  
MAKES FILLING  
EASY AND PREVENTS  
EXCESSIVE  
OIL FROM BEING  
SQUEEZED OUT

TESTED & CERTIFIED  
LABORATORY  
TESTED & CERTIFIED



THIS OIL VISCOSITY

ULTRA THIN

THIN

MEDIUM

THICK

EXTRA THICK

100 cSt

500 cSt

1000 cSt

10.000 cSt

300.000 cSt

XRAY oils cover the complete range from Ultra Thin (100cSt)... Thin (1000 cSt)... Medium (5000cSt)... Thick (10.000cSt)... up to Extra Thick (300.000cSt), with numerous stages in between. With thinner oils suitable for shocks (up to Medium), and thicker oils suitable for differentials, you will be able to find the correct viscosity you need for your application.



**XRAY - the manufacturer of Luxury Model Racing Cars - was established in the year 2000 by Dipl. Eng. Juraj Hudy. Despite the short history of the XRAY company, the founder has had long and successful experiences in designing RC model racing cars.**

## 1972

first self-designed and manufactured slotcars. Mr. Hudy became Multi-Champion of Middle and Eastern Europe in slotcar racing. These slotcars were No.1 at that time and were winning all the races.



## 1975

the first RC cars were designed and produced; the focus was on nitro and electric cars. All of the cars were handmade in small series in a workshop 9m<sup>2</sup>. At the same time, the first handmade bodies were produced from laminate and epoxy material.



## 1977

Mr. Hudy produced hand-made chassis plates from 4mm thick duraluminum. the car in the picture, called SHADOW, uses this kind of chassis.



## 1978

a new RC car was designed with the motor in a vertical position. The car featured solid suspension and a flexible chassis.



## 1979

Mr. Hudy designed a new nitro car with the motor in a horizontal position. The car featured solid rear suspension and a front suspension using simple dampening.



## 1981

a new nitro car featured solid suspension, a central differential, adjustable width and caster, and simple dampening. The first bodies were produced using a vacuum machine and special ABS material. From this year onwards, 10-15 cars were hand-made each year.



## 1980

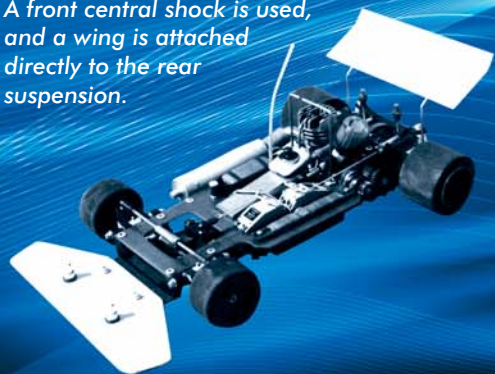
a newly-designed nitro car featured a differential in the wheel. The front of the chassis was made from fiberglass, and the rear from duraluminum.



# AWARDS QUALITY COMMITMENT

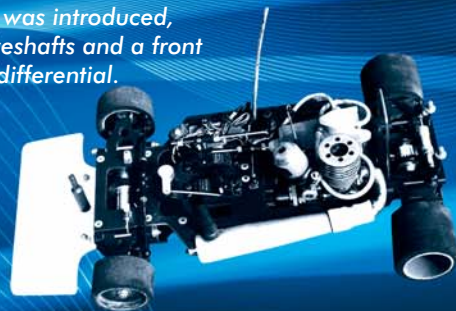
**1982**

a new nitro car featured independent suspension, rear differential, and direct drive through gears between motor and rear transmission. A front central shock is used, and a wing is attached directly to the rear suspension.



**1985**

one of the world's first 4WD nitro cars was introduced, using driveshafts and a front one-way differential.



**1986**

a new nitro car featured an automatic 2-speed transmission, and fully-enclosed front and rear transmissions to provide dust protection. This car was great for dusty racing conditions.



**1987**

a new nitro car was produced, based on the successful 1982 design. New centrally-mounted front shocks and an anti-roll bar were introduced. This ultra-stiff chassis design was the most professional, and achieved the greatest racing performance at the time.



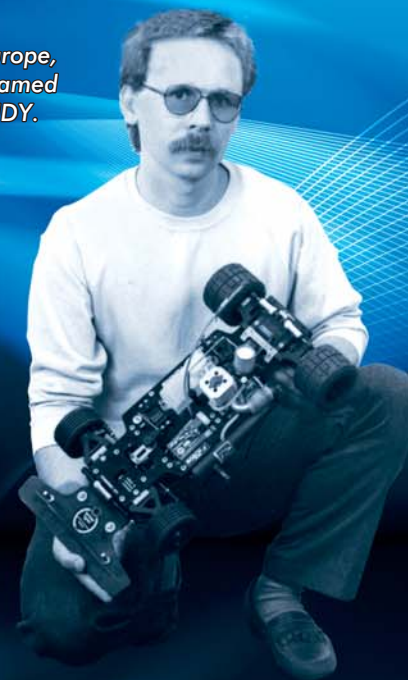
**1988**

the first off-road car is designed and manufactured. An improved nitro car also appeared, based on the successful 1987 design, and also featured ultra lightweight materials. These cars featured a purely technical design oriented for highest performance racing.



**1990**

after the fall of communism in Eastern Europe, Mr. Hudy establishes his first company, named SPECIAL, which was later renamed to HUDY. Mr. Hudy moves manufacturing from his own flat/workshop to a garage 60m<sup>2</sup>. The first machines are bought and real production begins. The company focuses on designing accessories and tools for slotcars. The first comm lathes and slotcar tire truers are designed. In year 2000 HUDY company had 60 employees and over 2000m<sup>2</sup> production factory with production focused on the premium tools and accessories as well production of special parts for Serpent cars.



**1999**

at the end of the year 1999 Mr. Hudy establishes the new company XRAY which focuses its many years of design and manufacturing experience to produce high-tech, high-quality luxury RC model racing cars and in the year 2000 the first project T1 was introduced to the market. Since that short time XRAY has gained the reputation as the world's most prestigious and most admired RC model car manufacturer and the story continues...



**2000...**

XRAY modern history begins...

# FASCINATION RITAGE PASSION



#### **XRAY Millennium RC Factory facts:**

- operation started in 2007
- the largest RC manufacturing plant solely dedicated for luxury RC cars
- the facility is the size of a soccer stadium!
- the new facility includes everything necessary to design, develop, and produce the largest line of RC cars in-house
- production capacity of tens of thousands of RC parts per month
- dozens of the most modern German and Swiss CNC high-capacity, high-precision manufacturing machines
- more than 100 employees who are specially skilled and trained for RC car production

#### **XRAY Millennium RC Factory features:**

- large assembly line and packaging department to export products quickly
- extensive stock of all XRAY products guarantees 24-hour delivery with an astonishing 99% fill rate of available XRAY products
- the large factory is strategically divided into key sectors designed to make production clean and fast
- in-house R&D, marketing, sales, desktop publishing and accounting departments
- two indoor racetracks for prototype testing
- one of the largest asphalt indoor racetracks can be turned into a carpet indoor racetrack for electric car testing
- outdoor asphalt racetrack for testing and development
- outdoor off-road racetrack for off-road car testing and development

Large CNC milling department Unique, fully-automatic color-coating and hard-coating robot-operated line



Technology project was partially financially supported by European Union.



Exclusive world's largest asphalt indoor racetrack for instant prototype testing



**XRAY**

**MILLENNIUM FACTORY**



Highest-capacity German 11-axis CNC-cutting machines



All moulds are manufactured using state-of-the-art Swiss CNC mould-making machines



Composite parts are injected using precision German moulding machines



All precision parts are hand-ground on very precise grinding machines



Another CNC milling department



**RC RACING  
ARENA**



**[www.teamxray.com](http://www.teamxray.com)**

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