

XRAY T2'007

1/10 LUXURY TOURING CAR

9x
CAR OF
THE YEAR

11x
USA
NATIONAL
CHAMPION

car action
Reader's
Choice Award



WORLD'S BEST
PREMIUM
LUXURY

XRAY®



DEBUT
& DOMINATION AT

INTERNATIONAL
INDOOR CHAMPIONSHIP

4xTQ 3xWIN
+TOTAL WIN

T2
EDITION

T2'007 US FOAM-SPEC EDITION

Chassis	3.5mm Chassis - Stiff
Top Deck	Wide Top Deck
Arms	Extra-Hard Foam Spec (XH)
Front Axle	New Alu Ball Differential
Rear Axle	New Alu Ball Differential
Shock Springs	Light-Purple / White
Spur Gear	64P 116T
Part Number	# 30 0007

- build on the highly-successful T2 platform • world's lowest touring car platform • longer top deck design minimizes tweak • unique XRAY Quick-Saver™ with 5 different Ackermann positions
- new rear split bulkheads allow more rear flex and improved rear traction • world's lowest ultra-lightweight bulkheads CNC-machined from Swiss 7075 T6 aluminum • lightweight hollow aircraft aluminum middle layshaft • thick 6mm body posts • front/rear top deck aluminum posts • lower suspension holders with 3 different roll center positions • 7075 T6 aluminum wheel hubs • XRAY 4-step externally adjustable shocks • selected & matched racing springs • externally adjustable, fully assembled 7075 T6 specially hard coated ball differential with carbide balls and carbide axial thrustbearing • 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

The XRAY T2 has been our most successful touring car platform to date. With numerous awards, and victories from all around the world the challenge brought forth was simple...to make the T2 even faster. Our R&D team have again surpassed themselves and answered back with a refined T2 platform capable of surpassing the original T2 on any surface. Two conditions, two cars, one platform - T2'007.

Pure design. Pure racing. Pure adrenaline.

Juraj Hudý

Dipl. Eng. **Juraj Hudý**,
Chief Engineer, XRAY

LUXURY
WORLD'S BEST
PREMIUM
PRESTIGE



**EU
EDITION**

T2'007 EU RUBBER-SPEC EDITION

2.5mm Chassis - Flex	Chassis
Narrow Top Deck	Top Deck
Hard - Rubber Specs (H)	Arms
XRAY Multi-Diff™	Front Axle
Ball Differential	Rear Axle
Gold / Silver	Shock Springs
48P 84T	Spur Gear
# 30 0008	Part Number

• XRAY Multi-Flex Technology™ - fully adjustable chassis and top deck flex and torsion – F1 technology • XRAY Quick Roll-Centers™ • strong aluminum servo stand • famous XRAY Multi-Diff™: one-way / one-way solid / full time solid axle • 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 and rear shock towers CNC-machined from 3mm graphite material with optimized shock positions for rubber and foam tires with optimized Quick Roll-Center™ positions • world's most efficient drivetrain with 1.7 internal ratio • belt tensioning adjustment in both front and rear bulkheads • all parts are fully compatible with the T2 platform and fully interchangeable between US and EU versions • Rebuildable CVD driveshafts made from special world-renowned, top-secret, self-developed HUDY Spring Steel™ with low-friction drive clips; world's tiniest yet most durable driveshafts hand ground for maximum precision



High Performance Parts Included

T6 7075
30% STRONGER

▼ lightweight aircraft aluminum main layshaft



▲ adjustable Ball Differential with carbide balls and carbide axial bearing



▲ high-speed blue covered ball-bearings manually selected

▼ adjustable **Hudy Spring Steel™** turnbuckles (steering, front & rear upper links)



▲ world's lightest most durable driveshafts hand made from famous **Hudy Spring Steel™**

▼ well proven T2 suspension parts provides optimized suspension geometry for maximum performance



XRAY Multi-Diff™



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

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

XRAY Quick-Saver™

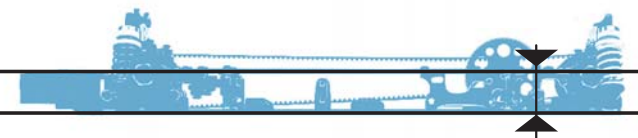


Revolutionary fully-adjustable Quick-Saver™ features 5 different integrated Ackermann positions.

XRAY Drive Train Concept



World's Lowest CG



Long Flex Minimizes Tweak

World's Most Efficient Drivetrain

The ultra-efficient drivetrain from the coveted T2 has been carried over into the T2'007. This drivetrain has proven to be the most efficient and effective electric touring car drivetrain system. The inline, twin-belt drivetrain features oversized pulleys with optimum 1.7 internal ratio, guaranteeing best belt wrapping and super efficiency.

The invention and release of the **XRAY Multi-Flex Technology™** (XRAY patent) has resulted in some of the most significant milestones in touring car development in the past few years, and as such this innovation was not only praised by awards and appraisals, but mainly it has been proven as a distinct competitive advantage at race tracks world wide. All helping the T2 to dominate most races at local and national levels.

The all-new revolutionary and innovative approach to car setup and adjustment has undergone very detailed long-term testing and analysis, and has been further developed by the **XRAY's Engineering Team**. For 2007, XRAY presents the improved and optimized **Multi-Flex Technology™**.

Multi-Flex Technology™ for rubber tire racing: Due to the fact that rubber tire racing does not require extra-stiff flex settings, the EU edition car will allow you to set the flex anywhere between soft, medium and stiff, all directly on the car without exchanging or replacing any parts.

Multi-Flex Technology™ for foam tire racing: For foam tire racing, due to very high grip conditions, the soft setting has never been used and thus the flex settings possibilities were pushed more towards the ultra-stiff end of the spectrum. Thanks to the new optimised **Multi-Flex Technology™** the US edition car can be set anywhere between medium, stiff and ultra-stiff.

XRAY Multi-Flex Technology™

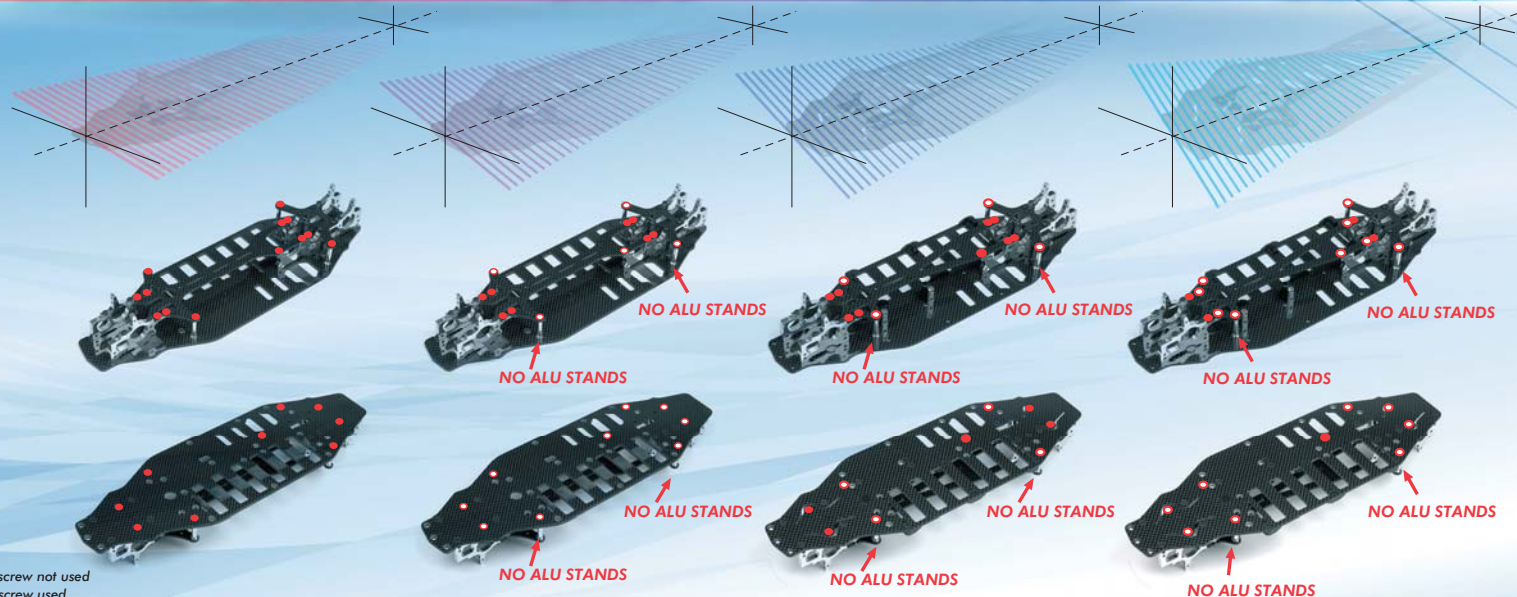


ULTRA STIFF

STIFF

MEDIUM

SOFT



XRAY AUTHENTIC OPTION PARTS



#301122
Chassis 2.5mm
Multi-Flex



#301178
Narrow Upper Deck
Rubber-Spec



#301123
Chassis 3.5mm
Extra-Thick



#301179
Wide Top Deck
Foam-Spec



#301213
Graphite Bumper
Upper Holder



#301203
Impact Absorbing
Bumper



#306163
Graphite Battery Strap
with Alu Stands



#303060
Graphite Motor Guard



Composite C-hub Block
#302343 - 2° right, #302344 - 2° left
#302345 - 4° right, #302346 - 4° left
#302347 - 6° right, #302348 - 6° left



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



Alu C-hub Block
#302334 - 0° right
#302335 - 2° right
#302337 - 4° right
#302339 - 6° right



Alu Rear Upright
#303358 - 1° outboard toe L+R
#303359 - 2° outboard toe L+R
Including Composite Bushings
and Ball Bearings



Offset Wheel Hubs (2)
#305351 "-0.75mm"
#305352 "+0.75mm"
#305353 "+1.5mm"
#305380 Offset Shims +0.75mm



Anti-Roll Bar Set
1.2, 1.4, 1.6mm
#302401 - front
#303401 - rear



#305102 XRAY Multi-Diff
- one-way
- solid one-way
- solid axle



#305714~305734
Pinion Gear Alu
Hard Coated 48pitch
14T to 34T



#305784~305790
Spur Gear 1/48"
84T to 90T



#305882~305888
Spur Gear 1/64"
112T to 118T



#305186
Delrin Solid Axle Body



#309820
Balancing Weights
Front

#309830
Balancing Weights
Rear

#309850
Balancing Weights
Central



super-soft 14lb (#30 8393) Ø 1.4 (#30 8394) Ø 1.5 (#30 8395) Ø 1.6 (#30 8396) Ø 1.7 (#30 8397) Ø 1.8 (#30 8398) Ø 1.9

15lb (#30 8384) Ø 1.5 20lb (#30 8385) Ø 1.6 25lb (#30 8386) Ø 1.7 30lb (#30 8387) Ø 1.8 35lb (#30 8388) Ø 1.9

#30 8390 Xray Selected Ultimate Racing Springs (24)

#30 8380 Additional Xray Ultimate Racing Springs (20)



#309520~50
Silicone Oil 20W - 50W

#309580
One-Way
Lube 25ml



#309500
Silicone Grease 00

www.teamxray.com

Notice: All awards listed were accomplished by T1/T2 concept & platform.
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