



PRODUCT CATALOG

Discover ND Tuned's premium components.

2024

24 /25



EXPLORE THE CATALOG AND GET TO KNOW OUR PRODUCTS.

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ND TUNED

ND Tuned specializes in all types of suspension forks and rear shocks. Our focus extends beyond service assistance to include the design and development of exclusive, high-performance products. We develop patented technologies specifically engineered for extreme off-road conditions, such as cross-country (XC), downhill (DH), motocross, and enduro.

Leveraging our vast experience in national and international competitions, we believe Portugal offers a unique advantage in the field of suspension technology. We are dedicated to working tirelessly on revolutionary systems that enhance performance and reliability. Our patents ensure the exclusivity and distinctiveness of our products, making ND Tuned a leader in the industry.

Our Commitment

At ND Tuned, we are committed to continuous innovation and excellence. Our team works every day to develop new systems that push the boundaries of performance, ensuring our customers receive the best possible suspension technology. With our patented solutions, we provide unmatched exclusivity and superiority in our products, setting new standards in the industry.



CEO - NUNO DUARTE

Nuno Duarte, an experienced entrepreneur with over 15 years in BMX, XC, and DH competitions, founded ND Tuned. His extensive expertise and deep understanding of the field drive the innovative solutions we offer.

HISTORY

Founded in 2013, ND Tuned was the first company in Portugal to offer both service assistance and the development of new, patented technologies and products. Our inception addressed the need for athletes to access technical assistance services that were previously available only to professional athletes.

ND TUNED TECHNOLOGY

OVR (Opening Valve Resistance): A revolutionary fork damper with a 100% pneumatic system that eliminates the need for lockout or remote control, providing seamless and efficient performance.

HLSRC (High and Low-Speed Rebound Control): Patented technology that utilizes dedicated flow channels for both low and high-speed compression and rebound, ensuring precise and adaptive suspension response.

HUNTER TRAILS



HUNTER *trails*

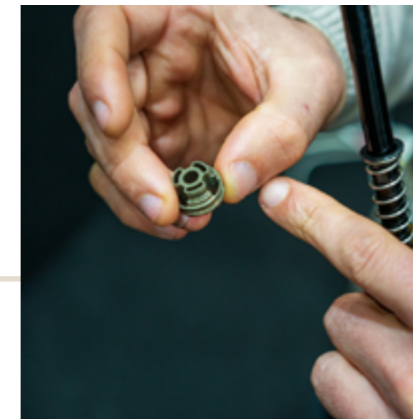


The Hunter Trails series emphasizes quality performance and user-friendly interfaces, with a focus on simple yet effective adjustments. Whether you're tackling all-mountain trails or looking for a lightweight XC solution, ND Tuned offers innovative designs to meet the riding needs.



Introducing the Hunter Trails, designed to deliver unparalleled performance and reliability. This advanced suspension fork features HLSRC Technology developed by ND Tuned, which incorporates a piston rod with High/Low Speed Rebound Control, offering precise control over varying terrain.

With internal high and low-speed compression adjustment, riders can fine-tune their suspension for optimal performance. The external rebound adjustment allows for quick and convenient tuning, ensuring a customized ride experience. Additionally, the three-chamber air spring system, consisting of two positive and one negative chamber, provides capability of air spring progressive control.



TRAIL TO A NEW LEVEL

The Hunter Trails is engineered to meet the demands of serious riders, delivering exceptional control, comfort, and adaptability, making it the perfect choice to conquer any trail.





HYBRID SHOCK

ND TUNED

350X3.0"

HYBRID SHOCK



The shock absorber is engineered for superior performance in E-bike and Enduro riding. Its lightweight design enhances bike handling and overall performance, while remaining cost-effective. With exceptional spring shock performance, it offers smooth, efficient rides and can be mounted where traditional spring shocks with piggy bags cannot.

Featuring a 14mm oversized shaft, it ensures compatibility with yoke systems, improves pedaling efficiency, and reinforces coil spring progressivity. Advanced HLSRC valve technology from ND Tuned, with separate high and low-speed channels on compression and rebound effect, delivers optimal performance across all riding speeds. This technology allows to eliminate external compression adjustments, saving weight and simplifying the construction process.

Weighs from 250g to 295g on metric and trunion versions (without the spring), and 425g to 650g (with the SLS steel spring 300 to 500 lbs), it provides a comprehensive lightweight solution. Constructed from aeronautic aluminum 7075 and 7050, it guarantees durability and strength. This shock absorber is the ideal choice for those seeking high performance, reliability, and versatility in their riding experience.

S P E C I F I C A T I O N S

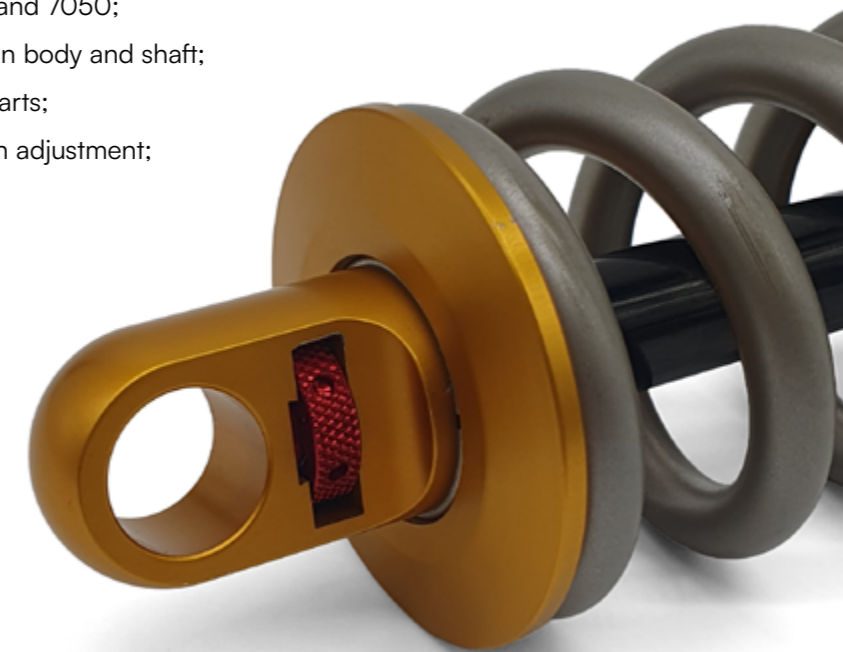
- Coil Spring;
- Integrated main body expansion chamber;
- 14mm diameter shaft;
- Piston rod with HLSRC Technology developed by ND Tuned;
- Full construction in aluminum 7075 and 7050;
- Hard coat Anodize treatment on main body and shaft;
- Anodize treatment in all aluminum parts;
- Internal high/low speed compression adjustment;
- External rebound adjustment;
- External preload adjustment;

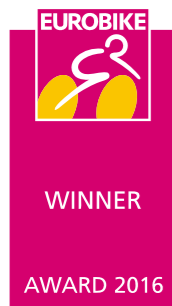
METRIC DIMENSIONS

250X77
230X65
210X55
190X45

TRUNION DIMENSIONS

225X75
205X65
185X55
165X45





the lightest system
IN THE MARKET



OVR - ROCKSHOX

OVR ROCKSHOX [SID/REBA] 26" X 100MM
ND-300-OVR260

OVR ROCKSHOX [SID/REBA] 27,5" X 100MM
ND-300-OVR275

OVR ROCKSHOX [SID/REBA] 29" X 100MM ≤ 2016
ND-300-OVR290

OVR ROCKSHOX [SID/REBA] 29" X 100MM
ND-300-OVR29017

OVR ROCKSHOX [SID/REBA] 29" X 100MM DUAL AIR
ND-300-OVR290DA

OVR ROCKSHOX [RS1] 29" X 100MM
ND-300-OVR290R1

OVR ROCKSHOX [SID SELECT 2022] 29" X 100MM
ND-300-OVR29021



OVR is a system that applies resistance to low-speed compression movement.

The OVR does not fully lock the fork, only partial. The main objective of the OVR damper is to find a good compromise between fork comfort and anti-oscillation / pedaling efficiency without changing its tuning.

100 % pneumatic damping system.

WEIGHT 78g * 29" damper	COMPATIBILITY Rock Shox 26 / 27.5 / 29 " 100 mm travel SID / REBA / Brain / RS1 Fox 27.5 / 29 " 100 mm travel 32 StepCast 34 StepCast
EXTERNAL SETTINGS Compression: OVR (Opening Valve Resistance) 12 clicks available Rebound 18 clicks available	FINISHING Black hardcoat anodize
MATERIAL 7050 / 7075 Aluminium	

OVR - FOX

OVR FOX SC 29" X 100MM
ND-300-OVR-FSC

OVR FOX 29" X 100MM [PERFORMANCE / FACTORY] 2016
ND-300-OVR-F16

OVR FOX 29" X 100MM [PERFORMANCE / FACTORY] < 2016
ND-300-OVR-F

ecological
MEDIUM REDUCTION OF
OIL AMOUNT BY 80%

performance
CONSISTENT PERFORMANCE
INDEPENDENTLY OF WORKING
TEMPERATURE AND HOURS

increased
USABLE TRAVEL 15/20 %

maintenance
COSTS REDUCTION ABOUT 40 %



PRODUCTS



E-BIKE STEERER TUBE
ND-088-910

More resistant, special for enduro e-bikes.
Up to 190mm travel forks.

SIZE
Tapered - 1 1/2" - 1 1/8"
Weight: 222 grams
Height: 29 cm

MATERIAL
Aluminum 7050

FINISHING
Anodizing



1 1/8" STEERER TUBE
ND-088-900

Recommended for forks with:
26" - maximum travel 140mm
27.5" - maximum travel 120mm
29" - maximum travel 100mm

SIZE
1 1/8"
Weight: 188 grams
Height: 29 cm

MATERIAL
Aluminum 7050

FINISHING
Anodizing

Steerer Tubes

Aluminum and carbon steerer tubes for MTB and enduro suspensions.
Reducers to convert tapered to standard suspensions.

Tube Reducers



XC STEERER TUBE
ND-088-907

Recommended for maximum 100mm travel forks

SIZE
Tapered - 1 1/2" - 1 1/8"
Weight: 142 grams
Height: 29 cm

MATERIAL
Aluminum 7050

FINISHING
Anodizing



EXC STEERER TUBE
ND-088-908

More resistant, special for enduro 180mm travel forks

SIZE
Tapered - 1 1/2" - 1 1/8"
Weight: 202 grams
Height: 29 cm

MATERIAL
Aluminum 7050

FINISHING
Anodizing

STEERER TUBE REDUCER ROCKSHOX
22MM 1.8" - 1.5"
ND-088-935



Convert a tapered 1.8" - 1-1/8" tapered to 1.5" - 1-1/8" tapered fork with the steerer tube reducer.

FOX STEERER TUBE REDUCER
19,3MM
ND-088-940



Convert a tapered to a 1 1/8" fork.
Compatible with Fox forks with crown interior fitting 19,3mm

FOX STEERER TUBE REDUCER
26MM
ND-088-934



Convert a tapered to a 1 1/8" fork.
Compatible with Fox forks with crown interior fitting 26mm

RS STEERER TUBE REDUCER
21,8MM
ND-088-930



Convert a tapered to a 1 1/8" fork.
Compatible with RockShox forks with crown interior fitting 21,8mm

RS STEERER TUBE REDUCER
22,8MM
ND-088-931



Convert a tapered to a 1 1/8" fork.
Compatible with RockShox forks with crown interior fitting 22,8mm

RS STEERER TUBE REDUCER
23,8MM
ND-088-932



Convert a tapered to a 1 1/8" fork.
Compatible with RockShox forks with crown interior fitting 23,8mm

RS STEERER TUBE REDUCER
24,8MM
ND-088-933



Convert a tapered to a 1 1/8" fork.
Compatible with RockShox forks with crown interior fitting 24,8mm

Stanchions

With an exclusive design, the ND Tuned Stanchions are designed to replace damaged or worn stanchions.

The stanchions have an anodizing treatment with a thickness of 40 microns, which allows them to achieve greater durability, resistance to wear, stiffness, and sliding capacity.

MATERIAL
Aluminum 7050

FINISHING
Anodizing



32MM FOX F32 25" STANCHION

ND-088-304

COMPATIBILITY

32mm Fox 32 Series - 26" [from before 2015]



32MM FOX F32 STANCHION

ND-088-307

COMPATIBILITY

32mm FOX 32 Series Float - 27.5"
32mm FOX Talas - 26"
32mm FOX 32 Series Float - 29" [2016 - now]



32MM FOX F32 SOLO AIR STANCHION

ND-088-310

COMPATIBILITY

32mm FOX 32 Series Float - 27.5"
32mm FOX Talas - 26"
32mm FOX 32 Series Float - 29" [2016 - now]



32MM FOX F32 29" STANCHION

ND-088-305

COMPATIBILITY

32mm FOX 32 Series Float - 29" [from before 2015]



32MM FOX STEPCAST STANCHION

ND-088-308

32MM FOX STEPCAST SOLO AIR STANCHION

ND-088-309

COMPATIBILITY

32mm FOX StepCast - 27.5" 29"



36MM FOX STEPCAST STANCHION

ND-088-311

36MM FOX STEPCAST SOLO AIR STANCHION

ND-088-312

COMPATIBILITY

36mm Fox forks



35MM ROCKSHOX STANCHION

ND-088-124

35MM ROCKSHOX SOLO AIR STANCHION

ND-088-125

COMPATIBILITY

35mm RockShox forks



32MM ROCKSHOX STANCHION

ND-088-120

32MM ROCKSHOX SOLO AIR STANCHION

ND-088-122

COMPATIBILITY

32mm RockShox - 26" 27.5" 29" [up to 2017]



38MM FOX STANCHION

ND-088-F38

38MM ROCKSHOX STANCHION

ND-088-RS38

COMPATIBILITY

38mm FOX and RockShox forks



Seatpost Kits

Seals

Our seals have a Dual Lip that allows a smoother operation. Exclusive design for extra protection.

MATERIAL
NBR

INCLUDES
2 x ND Tuned Dual Dust Wiper*
2 x Foam Ring*
2/3 x Crush Washer*
1 x Travel indicator O-ring

30MM SEALS KIT ND-100-130	32X41MM SEALS KIT ND-100-132-1	32X42MM SEALS KIT ND-100-132	32X42MM FLANGED SEALS KIT ND-100-132-L
CANNONDALE LEFTY 32 HYBRID SEAL ND-100-132-LH	34MM SEALS KIT ND-100-134	35MM SEALS KIT ND-100-135	35X44MM SEALS KIT ND-100-135-1
36MM SEALS KIT ND-100-136	36X45MM SEALS KIT ND-100-136-1	38MM SEALS KIT ND-100-138	40MM SEALS KIT ND-100-140



ROCKSHOX REVERB SERVICE KIT
ND-130-001

INCLUDES
1 x ND Tuned RS Reverb Seal
1 x ND Tuned IFP + 4 x O-rings
1 x Upper + 1 x Lower Bushing
1 x Upper + 1 x Lower Foam Ring

COMPATIBILITY
RockShox Reverb seatpost A1/A2 B1/B2

MATERIAL
NBR, POM, iglidur® J3



ROCKSHOX REVERB SEAL KIT
ND-130-002

INCLUDES
1 x ND Tuned RS Reverb Seal,
1 x Upper + 1 x Lower Foam Ring

COMPATIBILITY
RockShox Reverb seatpost A1/A2 B1/B2

MATERIAL
NBR, POM, iglidur® J3



SPECIALIZED COMMAND POST SEAL KIT
ND-130-003

INCLUDES
1 x ND Tuned Dual Dust Wiper
Specialized Command Post
4 x O-ring

Rear shock SERVICE KITS

ROCKSHOX MONARCH/R/RL/XX/PLUS MAIN SERVICE KIT ND-130-010	ROCKSHOX DELUXE / NUDE MAIN SERVICE KIT ND-130-013	ROCKSHOX SUPER DELUXE MAIN SERVICE KIT ND-130-014
FOX / ROCKSHOX MICRO-BRAIN MAIN SERVICE KIT ND-130-012	FOX FLOAT MAIN SERVICE KIT ND-130-011	FOX FLOAT X2 MAIN SERVICE KIT ND-130-015



**PRODUCTS AND
COMPONENTS FOR A
PREMIUM SERVICE**

Bushings



**REAR SHOCK
EYELET BUSHING ½"**

ND-110-000

MATERIAL
iglidur® J3



**BUSHING KIT
6X22X12,7MM**

ND-110-001

INCLUDES
Set of 6 pieces



**BUSHING KIT
8X22X12,7MM**

ND-110-002

INCLUDES
Set of 6 pieces



**BUSHING KIT
8X40X12,7MM**

ND-110-003

INCLUDES
Set of 6 pieces



**REAR SHOCK
EYELET BUSHING ½"
CANE CREEK / OHLINS**

ND-110-005

MATERIAL
iglidur® J3



**BUSHING KIT
8X22X12,7MM
CANE CREEK / OHLINS**

ND-110-004

INCLUDES
Set of 6 pieces



Having bushings in good condition makes a big difference in the functionality of your equipment.

- ✓ Low coefficient of friction
- ✓ Wear-resistant material
- ✓ Vibration-dampening



**BUSHING KIT
FOX 32**

ND-110-013



**BUSHING KIT
FOX 36**

ND-110-110



**BUSHING KIT
ROCKSHOX 32**

ND-110-014



**BUSHING KIT
ROCKSHOX 35**

ND-110-100

Accessories



**SPECIALIZED BRAIN
CARTRIDGE IFP
WITH THRU INTERNAL
SHAFT**

ND-120-010



**SPECIALIZED BRAIN
CARTRIDGE IFP**

ND-120-011



**SCOTT DT SWISS
EQUALIZER 2 IFP**

ND-120-013



**IFP FORK SPECIALIZED
FUTURE SHOCK 19 MM**

ND-120-014



SCOTT TC SHOCK BODY

ND-120-050



SHAFT EXTENDER 20MM

ND-120-051



**RACORD SPECIALIZED
EPIC 2009**

ND-120-052



**INFLATOR NEEDLE
ND TUNED**

ND-090-124



**CHARGER REMOTE KIT
SPRING AND SEAL**

ND-120-103



**ROCKSHOX MONARCH RL
SHAFT 165**

ND-120-200



**ROCKSHOX SID CHARGER
2.1 PISTON BOLT**

ND-120-101



**ROCKSHOX SID CHARGER
2.2
PISTON BOLT**

ND-120-102



**FOX RP 2/3/23
PISTON BOLT**

ND-120-110



**FOX RP 23 BV
PISTON BOLT**

ND-120-111



**FOX RPL
PISTON BOLT**

ND-120-112



**FOX CTD
PISTON BOLT**

ND-120-113



**AIR SHAFT EXTENDER
10MM FOX**

ND-120-061



Lubricants

Designed to provide exceptional lubrication solutions for a wide range of applications. Whether it's reducing friction, preventing wear or protecting against extreme conditions, our products ensure you get the most out of your lubrication.



DAMP CHAMP OIL 1L 2,5WT
with no stick slip added
ND-092-001
Suspension oil for shock absorbers and suspension forks.



DAMP CHAMP OIL 1L 5WT
with no stick slip added
ND-092-002
Suspension oil for shock absorbers and suspension forks.



DAMP CHAMP OIL 1L 10WT
with no stick slip added
ND-092-004
Suspension oil for shock absorbers and suspension forks.



LOWER LEG LUBE F20 GOLD
with no stick slip added
ND-092-022
Anti-friction lube for suspension forks.



AIR FLUID 1L
ND-092-021
Anti-friction lube for shock absorbers and suspension forks.



SLICK KICK GREASE 500G
ND-092-030
Special grease for pneumatic systems, shock absorbers and suspension forks.



CREAK FREAK GREASE 500G
ND-092-031
Press fit assembling grease for aluminium, titanium and carbon parts.



TOOLS

Tools

We understand the importance of having the right tools for efficient repairs. That's why we've designed a comprehensive range of tool sets specifically for replacing suspension components such as steering tubes, stanchions, and bushings. Our high-quality tools ensure precision, durability, and ease of use, making your repair process smoother and more efficient.



32MM BUSHING REMOVAL & INSTALLATION TOOL KIT

ND-090-101

INCLUDES

- 1 x 32 mm Bushing Removal & Installation Tool Kit
- 1 x 32 mm Bushing Rectifier

32 MM BUSHING RECTIFIER

ND-090-103

35 MM BUSHING RECTIFIER

ND-090-107

36 MM BUSHING RECTIFIER

ND-090-108



32 MM STANCHION TOOL KIT

ND-090-115

34 MM STANCHION TOOL KIT

ND-090-104

35 MM STANCHION TOOL KIT

ND-090-105

36 MM STANCHION TOOL KIT

ND-090-106

38 MM STANCHION TOOL KIT

ND-090-113



34MM BUSHING TOOL KIT

ND-090-109

35MM BUSHING TOOL KIT

ND-090-103

36MM BUSHING TOOL KIT

ND-090-110

38MM BUSHING TOOL KIT

ND-090-111

40MM BUSHING TOOL KIT

ND-090-112



FORK SEAL PRESS KIT

ND-090-150

INCLUDES

- 1 x Seal Press
- 1 x Set of drivers

FORK SEAL PRESS KIT

This tool simplifies the process of installing dust wipers, guaranteeing a perfect and reliable result. Engineered with precision, its drivers are manufactured in diameters specifically adapted to match the dimensions of all modern forks, including the 30, 32, 34, 35, 36, 38 and 40mm.

All packed in a wooden box with the perfect dimensions for your work drawers.



DESIGN

Unique design, with an aluminum seal press with a knurled finish for greater grip in the hand. The POM drivers are robust, resistant and don't scratch the paint.

COMPATIBILITY

Compatible with all existing modern forks.

ECO-FRIENDLY

Replaceable bushing that can be used on both sides. If this bushing is damaged, you can simply replace it for a longer tool life.





nd tuned tools

STANCHION & STEERER TUBE FULL REPLACEMENT TOOL KIT



FULL REPLACEMENT TOOL KIT

ND-090-130

INCLUDES

- 1 x Toolbox
- 1 x Steerer tube replacement toolset
- 1 x Stanchion replacement tool kit 32mm
- 1 x Stanchion replacement tool kit 34mm
- 1 x Stanchion replacement toolset 35mm
- 1 x Stanchion replacement toolset 36mm
- 1 x Stanchion replacement toolset 38mm
- 1 x Bushing replacement toolset 32mm
- 1 x Bushing replacement toolset 34mm
- 1 x Bushing replacement toolset 35mm
- 1 x Bushing replacement toolset 36mm
- 1 x Bushing replacement toolset 38mm
- 1 x Bushing replacement toolset 40mm
- 1 x Bushing rectifier 32mm

32MM STANCHION & STEERER TUBE REPLACEMENT TOOL KIT

32MM STANCHION & STEERER TUBE REPLACEMENT TOOL KIT

ND-090-100

INCLUDES

- 1 x Toolbox
- 1 x Steerer tube replacement toolset
- 1 x Stanchion replacement toolset 32mm



MOTOSPORTS



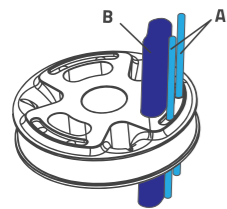


Valves

Dual-flow motorcycle valves developed for extreme off-road conditions

Technology

Technology patented by ND Tuned, which allows you to adjust more effectively the shock absorbers and suspensions to Off-Road conditions.



A - Low-Speed Circuit
B - High-Speed Circuit

The low-speed orifices have a reduced oil flow capacity for slow circulation. When the maximum flow capacity is reached, it also passes through the high-speed orifices. This feature allows obtaining differential between low speed and high speed of compression adapted to the needs of each pilot.

- Independent high and low speed compression and rebound control.
- Smooth low to high speed transitions.
- Superior terrain reading.
- Increased high speed damping reinforcement.
- Increased cornering traction, acceleration and braking.
- Decreased rear shock and fork working temperatures.
- Increased time intervals between maintenance services.

MATERIAL
Aluminium 7050
FINISHING
Hard anodization



46/12 HLSRC
ND-074-032

INCLUDES
1 x HLSRC 46/12 ND Tuned valves
1 x Compression and rebound shim stack kit
1 x o-ring
1 x piston ring



50/12 HLSRC
ND-074-030

INCLUDES
1 x HLSRC 50/12 ND Tuned valves
1 x Compression and rebound shim stack kit
1 x o-ring
1 x piston ring



50/16 HLSRC
ND-074-031

INCLUDES
1 x HLSRC 50/16 ND Tuned valves
1 x Compression and rebound shim stack kit
1 x o-ring
1 x piston ring



28MM-35MM CONVERSION ADAPTER
ND-074-014

Converter for HLSC 28-35mm valves. For Showa / Kayaba forks



28/8 HLSC
ND-074-015

INCLUDES
2 x HLSC 28/6 ND Tuned valves
1 x Compression shim stack kit



4C HLSC
ND-074-017

INCLUDES
2 x HLSC 4C ND Tuned valves
1 x Compression shim stack kit





ELEVATE YOUR OFF-ROAD EXPERIENCE

© Joe Neric



Body & Air Can

Fox Float ATV All Models



DAMPER BODY ATV
ND-442-320
AIR CAN EVOLV ATV
ND-453-305

HYBRID SHOCK

Our Hybrid Shock is specially designed to meet the needs of the most demanding drivers. It offers customized performance tailored to both your vehicle and driving style, ensuring an unparalleled driving experience.



EXTERNAL
rebound
ADJUSTMENT

easy
MAINTENANCE AND
SETTINGS RE-PROGRAMMING

HLSRC
valve
WITH LOW AND HIGH
SPEED ADJUSTMENT
OF COMPRESSION AND
EXTENSION



Internal pneumatic reinforcement at the original coil spring according to the driver's needs.

Pneumatic reinforcement reduces the vehicle's bouncing effect on cornering at road and off-road without loss of comfort.

Vehicle dynamics increase significantly in all conditions, making drive more intuitive, accurate, easier, more confident to drive faster...



ND TUNED
B2B RETAILER
PORTAL

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ND TUNED
SERVICE
PORTAL

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