

**ND** TUNED<sup>®</sup>

STEERER TUBES BUSHINGS  
OVER SEALS SHOCK KITS  
TOOLS STANCHIONS  
2023 CATALOG

*camber*





# ND TUNED®

## CEO ND TUNED

Nuno Duarte



For many years connected to this field, the entrepreneur Nuno Duarte founded ND Tuned to design innovative solutions using all his know-how and experience of over 15 years in BMX, XC, and DH national and international competitions.

*Nuno Duarte*

## COMPANY

ND Tuned is a company that specializes in all types of suspension forks and rear shocks.

ND Tuned activity focuses not only on service assistance but also on the design and development of exclusive products.

ND Tuned develop patented technology for extreme off-road conditions such as XC, DH, Motocross, and Enduro.

## HISTORY

Founded in 2013, with over 15 years of experience, ND Tuned was the pioneer in Portugal in the field of service assistance and the development of new and patented technologies and products.

ND Tuned arises from the need of athletes to benefit from a technical assistance service that, until then, was only available to professional athletes.

## ND TUNED TECHNOLOGY

OVR - Fork damper with 100% pneumatic system without the need for any lockout or remote control.

HLSRC - Patented technology that uses low and high-speed flow channels for compression and rebound.

*new level*

## *oVR* DAMPER

- ✓ OVR damper control with automatic platform anti-bumping
- ✓ 100% pneumatic system
- ✓ Oil-free

## PRESS FIT SYSTEM *stanchions*

- ✓ 32mm aluminum stanchions
- ✓ Hard coated treatment
- ✓ Black with printed logo
- ✓ Press fit system that allows the stanchions replacement on the carbon crown

## *air spring* INTEGRATED DAMPER

- ✓ Air spring integrated on damper system reduces the arch torsion
- ✓ Increase lateral fork stiffness
- ✓ Adjustable positive and negative chamber size for progressivity fork tune
- ✓ Increase ride accuracy

## SLIDING *bushing*

- ✓ Sliding bushing guide to reduce the bending effect under braking
- ✓ Increase chassis stiffness

## CLOSED *bath lube* SYSTEM

- ✓ Open oil bath for legs lubrication
- ✓ Stanchion damage reduced
- ✓ Increase fork lifetime



XC FORK

# HUNTER

*trails*

*coming  
soon*

*The Lightest*

**29" FORK ON THE MARKET**

**100MM FORK TRAVEL**

*from 930 to 950 gr*

**120MM FORK TRAVEL**

*from 960 to 990 gr*

**FIRST CHASSIS**

*Full Carbon*

**LOWER LEGS CONSTRUCTION**

rear shock

# DH 2XRC3



## REAR SHOCK WITH PATENTED TECHNOLOGY

The customized configuration is according to the needs and driving style of the rider and the bicycle operating system.

*valve  
technology*  
HLSRC

*the lightest*  
REAR SHOCK ON THE MARKET



HLSRC  
DH 2XRC3  
VALVE

100% CNC  
*machined*

*high  
performance*  
OIL

### WEIGHT

344g \* Measured weight  
240 x 76 without spring

### DIMENSIONS

222x70  
240x76  
267x89

### EXTERNAL SETTINGS

High and low speed  
compression  
Rebound

### SPRING REGULATION

Preload

### MATERIAL

Aluminum 7050 / 7075  
CNC Machined

### FINISHING

Standard anodize  
Hardcoat anodize



**SHOCK ABSORBER ND TUNED  
DH 2XRC3 216MM**

ND-200-SA216  
*\*Spring not included*

**SHOCK ABSORBER ND TUNED  
DH 2XRC3 222MM**

ND-200-SA222  
*\*Spring not included*

**SHOCK ABSORBER ND TUNED  
DH 2XRC3 240MM**

ND-200-SA240  
*\*Spring not included*



*other sizes*  
BY REQUEST



**SHOCK ABSORBER TOOLS**

ND-090-120  
Tool for DH 2xRC3 service



**HIGH SPEED TUNER KEY**

ND-200-SA056



## OVR FOR ROCKSHOX FORKS



### OVR ROCKSHOX [SID/REBA] 26" X 100MM

ND-300-OVR260

### 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 [RS11] 29" X 100MM

ND-300-OVR290R1

### OVR ROCKSHOX [SID SELECT 2022] 29" X 100MM

ND-300-OVR29021

## OVR FOR FOX FORKS



### 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

## OVR SERVICE KITS



**OVR KEY**  
ND-090-121



**OVR MAIN SERVICE KIT**  
ND-300-OVR-100



**OVR REBOUND KIT**  
ND-300-OVR-101



**OVR ADJUST KIT**  
ND-300-OVR-102



# intelligent system

EUROBIKE



WINNER

AWARD 2016

*the lightest system*  
IN THE MARKET

*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 %

**OVR**  
OPENING VALVE RESISTANCE

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

#### EXTERNAL SETTINGS

Compression: OVR  
(Opening Valve  
Resistance)  
12 clicks available  
Rebound  
18 clicks available

#### MATERIAL

7050 / 7075 Aluminium

#### COMPATIBILITY

Rock Shox  
26 / 27.5 / 29 "  
100 mm travel  
SID / REBA / Brain / RSI  
Fox  
27.5 / 29 "  
100 mm travel  
32 StepCast / 32 series

#### FINISHING

Black hardcoat anodize

# steerer tubes

## XC CARBON STEERER TUBE

ND-088-909

Recommended for maximum  
120mm travel forks

*Light and  
resistant*

### SIZE

Tapered - 1 1/2" - 1 1/8"  
Weight: approx. 94 grams  
Height: 27 cm

### MATERIAL

Carbon, Aluminum 7050

### FINISHING

Raw Carbon, Anodizing



**EXC CARBON  
STEERER TUBE**  
ND-088-911

*coming  
soon*





**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



**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

CONVERT A TAPERED TO A 1 1/8" FORK

**FOX STEERER TUBE REDUCER 19,3MM**

ND-088-940

For Fox forks with crown  
interior fitting 19,3mm



**FOX STEERER TUBE REDUCER 26MM**

ND-088-934

For Fox forks with crown  
interior fitting 26mm



**RS STEERER TUBE REDUCER 21,8MM**

ND-088-930

For RockShox forks with crown  
interior fitting 21,8mm



**RS STEERER TUBE REDUCER 22,8MM**

ND-088-931

For RockShox forks with crown  
interior fitting 22,8mm



**RS STEERER TUBE REDUCER 23,8MM**

ND-088-932

For RockShox forks with crown  
interior fitting 23,8mm



**RS STEERER TUBE REDUCER 24,8MM**

ND-088-933

For 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.

ND Tuned 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

### FINISHING

Aluminum 7050  
Anodizing



### 32MM FOX F32 26" 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"



### 32MM ROCKSHOX STANCHION

ND-088-120

### 32MM ROCKSHOX SOLO AIR STANCHION

ND-088-122

#### COMPATIBILITY

32mm RockShox - 26" 27,5" 29" *[up to 2017]*



### 35MM ROCKSHOX STANCHION

ND-088-124

### 35MM ROCKSHOX SOLO AIR STANCHION

ND-088-125

#### COMPATIBILITY

35mm RockShox forks



### 36MM FOX STEPCAST STANCHION

ND-088-311

### 36MM FOX STEPCAST SOLO AIR STANCHION

ND-088-312

#### COMPATIBILITY

36mm Fox forks



**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

# seals

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



**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



**SPECIALIZED COMMAND POST SEAL KIT**  
ND-130-003

**INCLUDES**

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

**MATERIAL**

NBR

# bushings



**REAR SHOCK  
EYELET BUSHING 1/2"**

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 1/2"  
CANE CREEK / OHLINS**

ND-110-005

**MATERIAL**  
iglidur® J3



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

ND-110-004

**INCLUDES**  
Set of 6 pieces



## FORK BUSHINGS

Made of resistant and durable material, *iglidur® E* allows an increase in the life span. Helical slots provide efficient oil flow and maintain lubrication.

**INCLUDES**  
Set of 4 pieces

**MATERIAL**  
iglidur® E

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



**BUSHING KIT  
FOX 32**

ND-110-013



**BUSHING KIT  
ROCKSHOX 32  
[2010-2016]**

ND-110-016



**BUSHING KIT  
ROCKSHOX 32  
[2017-CURRENT]**

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



**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

*rear shock*  
**SERVICE KITS**



**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

# tools



## 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

ND-090-100

### INCLUDES

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



## 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



## 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



## 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



## 32 MM BUSHING RECTIFIER

ND-090-102

## 35 MM BUSHING RECTIFIER

ND-090-107

## 36 MM BUSHING RECTIFIER

ND-090-108



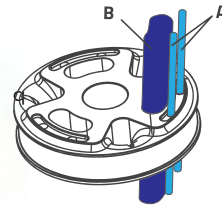


# valves



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

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.



### 28/6 HLSC VALVE KIT

ND-074-015

#### INCLUDES

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



### 4C HLSC VALVE KIT

ND-074-017

#### INCLUDES

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



### 46/12 HLSRC VALVE KIT

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 VALVE KIT

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 VALVE KIT

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

# HYBRID SHOCK

Discover the Hybrid Shock specially designed for exigent drivers

Customized shock according vehicle and user drive



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

*easy*  
MAINTENANCE AND  
SETTINGS RE-PROGRAMMING

EXTERNAL  
*rebound*  
ADJUSTMENT

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 SERVICE PORTAL

[www.ndtuned.com/service](http://www.ndtuned.com/service)



# ND TUNED B2B RETAILER PORTAL

[www.ndtuned.com/b2b](http://www.ndtuned.com/b2b)



# ND TUNED®

*Limits to a new level*

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