Off-Road Components

Performance with Proven Durability

The thrills and excitement of off-road biking. Now to be enjoyed to the fullest with Shimano quality components.

Having thoroughly researched the functions and features of the moutain bike, Shimano has applied the same technology that went into its thoroughbred racing components.

The result? Components that are tough, able to stand up to the roughest riding conditions. For better control on those rugged roads. Better balance. And with the strictest sealing to keep mud and water out. All for a new kind of ride—in the mountains, across fields or even in town.



Features of DEORE XT Series

- Sealed Mechanism—For all-weather performance.
- Hexagon Release—For easy assembly/adjustment with Allen key.

Hub
- Cr-Mo Axle—For strength.



Rear Derailleur
- Double Spoke Barrier—For wheel/derailleur protection.
- Large Capacity—For wide range gearing.

Brake Lever
- Cold Forged Lever—For strength.
- Easy Grip Cable Adjuster—For quick adjustment.



Front Derailleur
- Large Capacity—For wide range gearing.



Shifting Lever
- Human Engineered Design—For better finger fit.
- Adjustable Tension—For street of off road use.



Human Engineered Design

biopace
- Triple Front Chainwheel
- Biopace Chainring—For pedaling efficiency.
- Computer Aided Design (CAD)—For better biomechanics, style, and maximum strength with minimum weight.



The New Shape for Pedaling Efficiency

Brake
- Complete Position Adjustment—For toe-in, pad height, rim width.
- 90° Cable/Arm Design—For more efficient braking.
- Large keel Shaped Brake Shoe—For all-weather braking.



90° Cable/Arm Design



DEORE XT

Built To Withstand The Demands of Off Road Riding And The Rigors of Touring

DEORE XT

Rear Derailleur
RD-M700

●Servo-Panta Mechanism, Sealed Mechanism, Double Spoke Barrier Mechanism, Brass Bushings in Link Pivots ●Max. Front Difference: 22T, Max. Rear Sprocket: 34T (FR & SFR Fork End), Max. F & R Difference: 40T. ●7.8 oz. (222g.) ●Light Alloy

Front Derailleur
FD-M700
FD-M700-GS

●Top-Ease Mechanism; Sealed Mechanism ●FD-M700/22 Teeth or Less (Top & Middle Sprocket Difference/8 Teeth or More), FD-M700-GS/27 Teeth or Less ●4.3 oz. (120g.) FD-M700, 4.6 oz. (112g.) FD-M700-GS ●Body/Light Alloy, Right Link/Forged Light Alloy, Chain Guide/Steel-C.P. Finish ●Lower Inlet Type 1-1/8"

Finger Shifter
SL-M700

●Uni-Shift Mechanism (One-Way Clutch), Sealed Mechanism, Smooth Shifting with Ratchet ●Anodized or Black Finish ●7.5 oz. (212g.) Pair ●Light Alloy ●Friction Type ●Attachment Position: Handle Bar ●Lever Clamp Diameter: 7/8" (22.2mm.)



Freehub
FH-7400-ATB (Rear/6-speed) **HB-7400-ATB** (Front Hub)

●Sealed Mechanism, New Uniglide Teeth, Cassette Uni-Balance System, Lubricating Ports with Open/Close ●15.0 oz. (425g.) Rear 6-speed, 130mm. w/o Sprocket) 7.9 oz. (223g.) Front ●Forged Light Alloy-Anodized Finish (Hub Shell), Resin-Black Finish (Dust Cap) ●Champagne Gold Finish (Sprocket) ●Teeth: Threaded Sprocket: 12T – 16T, Spline Sprocket: 13T – 28T ●Front 3-5/16" (100mm.), Rear 5" (130mm.) ●Spoke Holes: 36H

Pedal
PD-GX10 (w/Reflector)

●Sealed Mechanism, Parallelogram Profile, Concave Platform with Studs, Toe Clip Attachable ●166 oz. (526g.) w/Reflector ●Body/Light Alloy, Spindle/Cr-Mo Steel, Cap, Reflector & Dust Seal/Plastic ●Crank Thread: English BC 9/16 x 20 T.P.I., French M14 x 1.25, UNC 1/2 x 20 T.P.I. ●Color: Black or White

Pedal
PD-MX15

●Weight: 18.6 oz. (530g.)/Pair (W/Reflector) ●Material: Light Alloy (Body), Cr-Mo Steel (Spindle), Resin (Cap & Reflector) ●Crank Thread: English BC 9/16 x 20 T.P.I., French M14 x 1.25, UNC 1/2 x 20 T.P.I. ●Color: Red, Blue, Silver, Black or C.P. ●Toe Clip Attachable



Rear Derailleur
RD-M700-SP

●Superlight system, Sealed Mechanism, Double Spoke Barrier Mechanism, Brass Bushings in Link Pivots ●Maximum Rear Sprocket: 34T (Using all Shimano Fork Ends.) Total capacity (front difference plus rear difference) differs according to types of Fork End ●18.1 oz. (285g.) ●Forged Light Alloy (Bracket Body)

Types of Fork End	Total Capacity (front difference plus rear difference)
FE-SF21, FE-SF22	42T, or less
FE-SF20, FE-EF20	42T, or less
FE-UF20	40T, or less

Rear Derailleur Guard
SM-DG11
SM-DG16 (for SFR & FR Fork Ends)

●3.1 oz. (89g.) (SM-DG11), 3.2 oz. (92g.) (SM-DG16)



Cantilever Brake
BR-MC70

●Sealed Mechanism, Non-Hitting Wheel Mechanism ●Anodized or Black Finish ●9.2 oz. (260g.) Except Mounting Shaft ●Light Alloy & Steel ●Cantilever Brake with Brake Mounting Shaft

Brake Lever
BL-M700

●Human-Engineered Design ●12.6 oz. (356g.) Pair ●Light Alloy-Anodized Finish ●Lever Clamp Diameter: 7/8" (22.2mm.)



Large Flange Hub
HB-MN72

●Sealed Mechanism ●Anodized or Black Finish ●F: 6.7 oz. (248g.), R: 11.8 oz. (335g.) ●Light Alloy-Anodized Finish, Cr-Mo Axle ●Nut Type ●Thread: 1.37" x 24 T.P.I. (English) ●Over Lock Nut Dimensions: Front: 100mm., Rear: 130mm. ●Spoke Holes: 36H ●Spoke Diameter: 5/64" (2.6mm.)

Large Flange Hub
HB-MN72-OR

●Sealed Mechanism ●F: 9.2 oz. (260g.), R: 12.3 oz. (348g.) ●Light Alloy-Anodized Finish, Cr-Mo Axle ●Quick Release Type ●Thread: 1.37" x 24 T.P.I. ●Over Lock Nut Dimensions: Front: 100mm., Rear: 126mm., 6-speed ●Spoke Holes: 36H



AT 50 series

Cantilever Brake
BR-AT50

●11.9 oz. (336g.) Front & Rear ●Light Alloy ●Cantilever Brake ●Option: 6mm Hexagon Fixing Bolt

Brake Lever
BL-AT50

●3.2 oz. (262g.) Pair ●Light Alloy ●Lever Clamp Diameter: 7/8" (22.2mm.) ●Two Step adjustable lever reach

Finger Shifter
SL-AT50

●5.0 oz. (143g.) Pair ●Light Alloy ●Friction Type ●Attachment Position: Handle Bar ●Lever Clamp Diameter: 7/8" (22.2mm.)