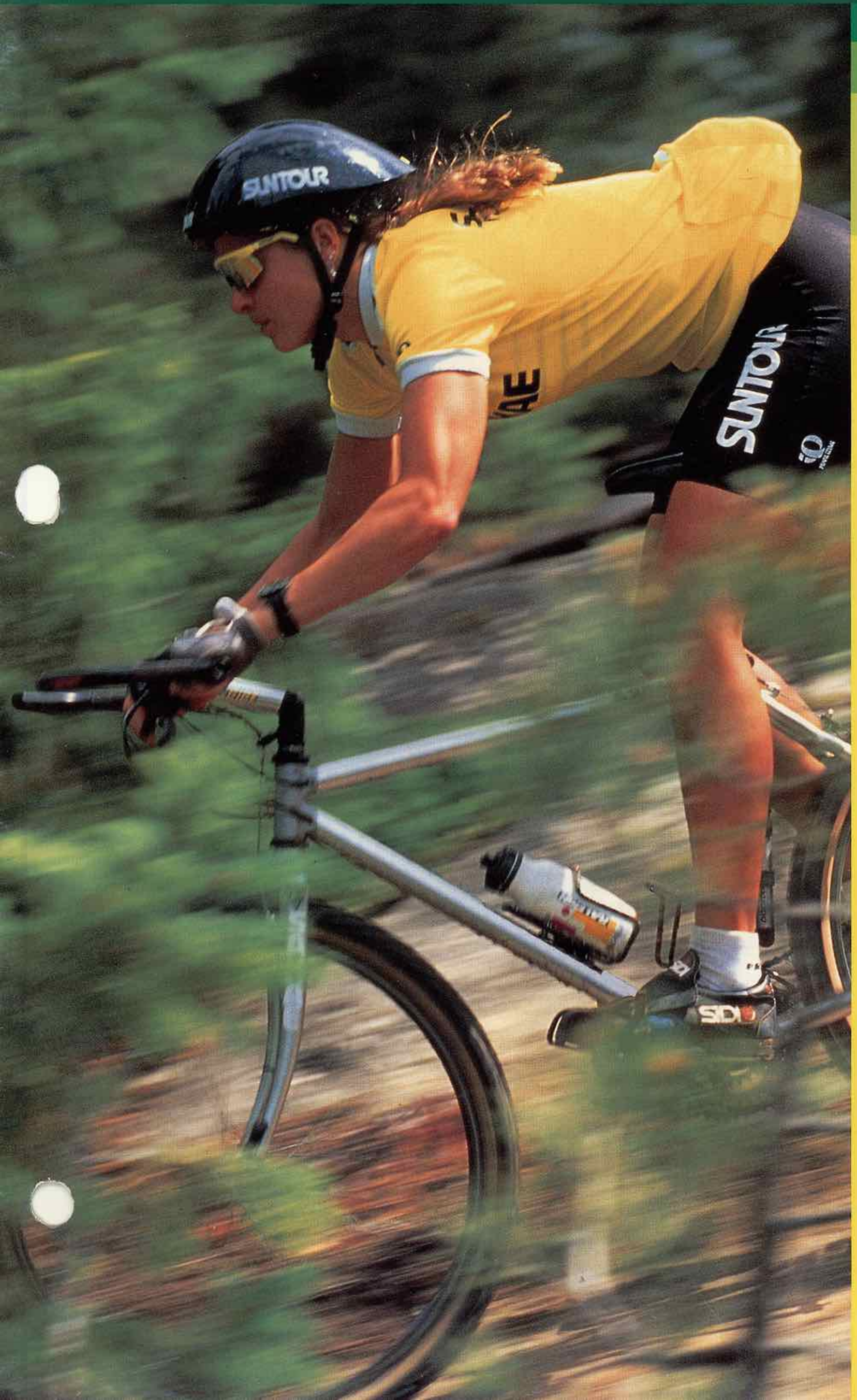
SUNTOUR





1992 BICYCLE EQUIPMENT CATALOG

ENGLISH

Lighter, Stronger, Smoother, Safer

Human powered, the bicycle must be light in weight. The concept of weight reduction is an inherent part of cycling. SUNTOUR has produced bicycle parts for many years based on this simple truth.

At SUNTOUR light-weight never means a sacrifice in strength. Designs that avoid wasted rider energy and effort combined with cold forging produces components unequaled in strength and beauty. Cold forged aluminum alloy is today's finest material for the production of bicycle components. An example of this is the Microlite series of components that utilizes cold forged alloy where other components use steel. As a result XC-Pro and Superbe Pro groups stand out as the very top class in terms of performance and light-weight.

Another basic function that SUNTOUR attaches great importance to is rotational performance. This is evident from the use of cartridge bearings in Superbe Pro and XC-Pro components. Cartridge bearings yield a super-smooth feel because of their design and offer far lower rolling resistance than other types of bearing systems found on bicycle parts. An additional feature is the patented relubrication system that SUNTOUR has integrated into its components. For the first time, cartridge bearings can be serviced regularly without risk of damage to increase longevity and enhance performance. In both XC-Pro and Superbe Pro SUNTOUR utilizes more cartridge bearings than any other component manufacturer.

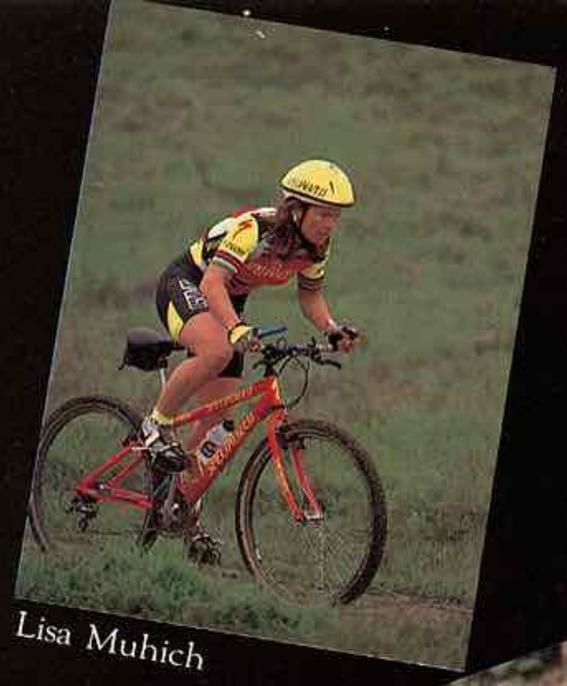
Combining superior materials and manufacturing methods with advanced mechanical technology and innovative thought produces lightweight functional components that allow the riders to realize their full potential. New for 1992, the Micro Drive drivetrain option is an example of this directive, reduced weight and high function. Utilizing PowerFlo (also found throughout the line), SUNTOUR's newly designed shifting system gives all riders accurate shifts under pressure without compromise.

Producing components that maximizes the riders potential,

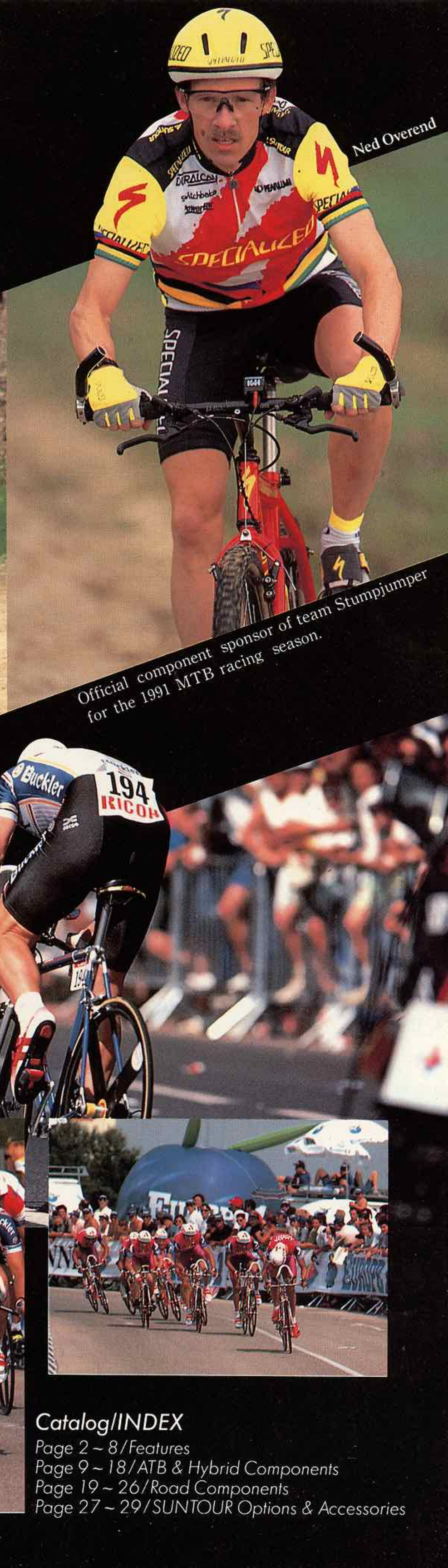
Lighter, stronger, smoother, safer.







Lisa Muhich



Ned Overend



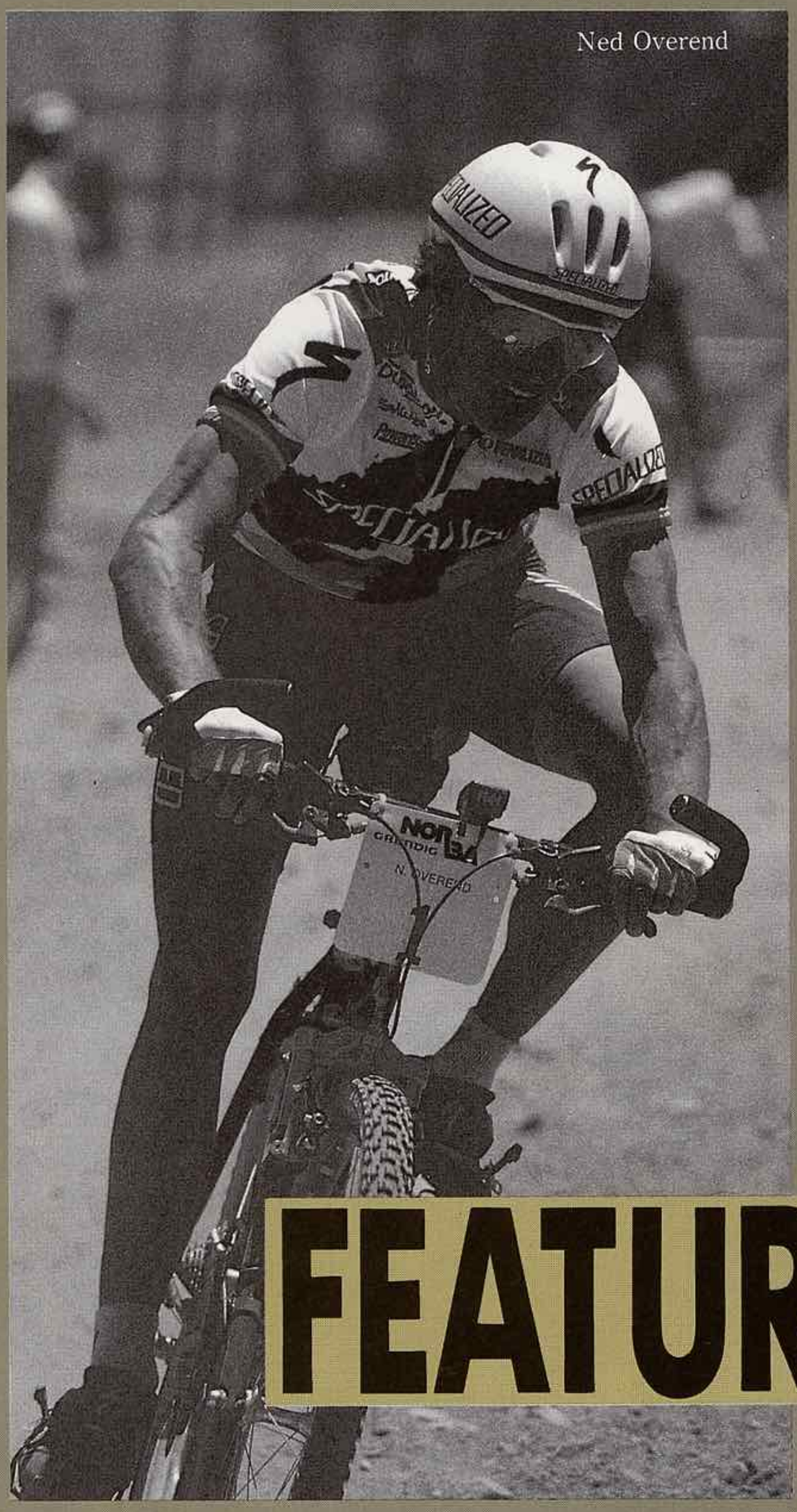
Wink Zimick

Official component sponsor of team Stumpjumper for the 1991 MTB racing season.

Photo/'91 TOUR DE FRANCE.

Catalog/INDEX

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Page 9 ~ 18/ATB & Hybrid Components
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Page 27 ~ 29/SUNTOUR Options & Accessories



FEATURES

Accushift Plus For fast, accurate shifting

Lighter, Stronger, Smoother, Safer

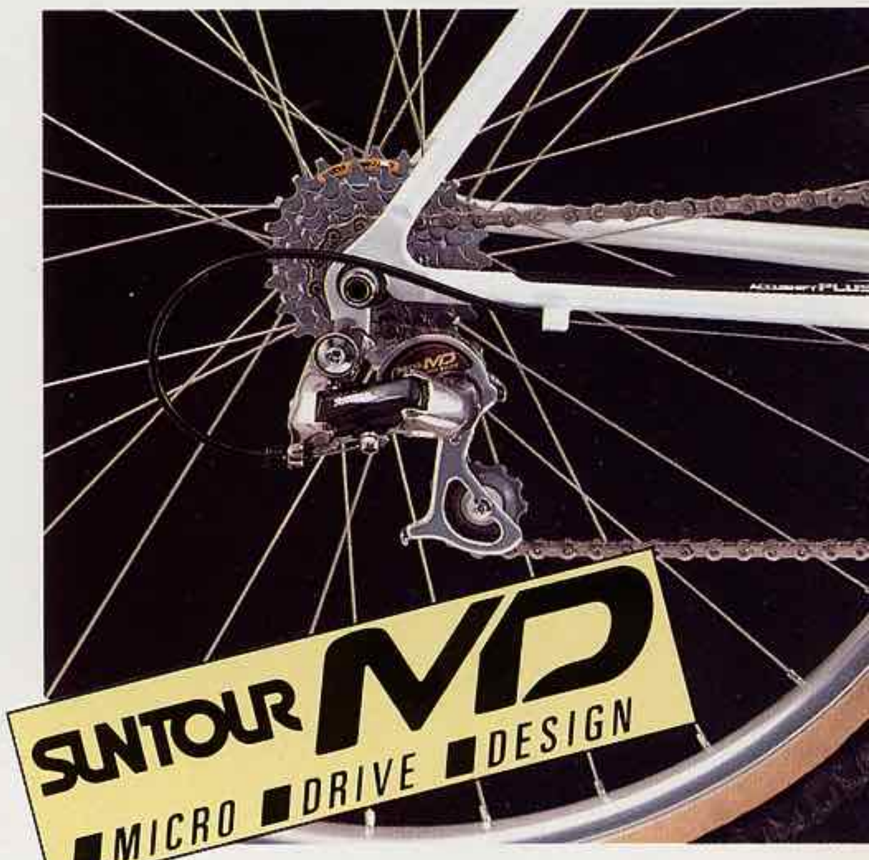
ACCUSHIFT PLUS

Shifting often means changing gears under pressure or shifting by reflex. SUNTOUR's Accushift Plus system allows smooth, solid shifts with new-design PowerFlo cogs. Light weight, ergonomic shiftlever options combined with PowerFlo allows the rider to maximize his shifting efficiency without compromising control through true compatibility.

'92NEW

XC PRO MD

High performance Light Weight



Smallest rings and gears: by reducing the diameter of the chainring bolt circle diameter on the crank arm, SUNTOUR is able to replace the standard 46/36/24 (or 48/28/28) with a compact 42/32/20 on the front chainrings. This has also allowed us to reduce the 7 rear gears to a 11-24 tooth range.

Beside a dramatic loss in weight, this reduction in overall drive train size has several advantages that will enhance the potential of any bike.
Most of the parts making up the drive train have been reduced in size: Chain rings and the 7-speed cassette have been reduced; the shaft of the bottom bracket has been shortened, utilizing all new low profile crank arms; a short cage rear derailleur has been adopted; and a shorter chain is being used. All of these reductions in size also mean a reduction in weight.

***XC-Pro components, already recognized as the world's lightest, have undergone further weight reduction.**

KC COMP MD

Compact size

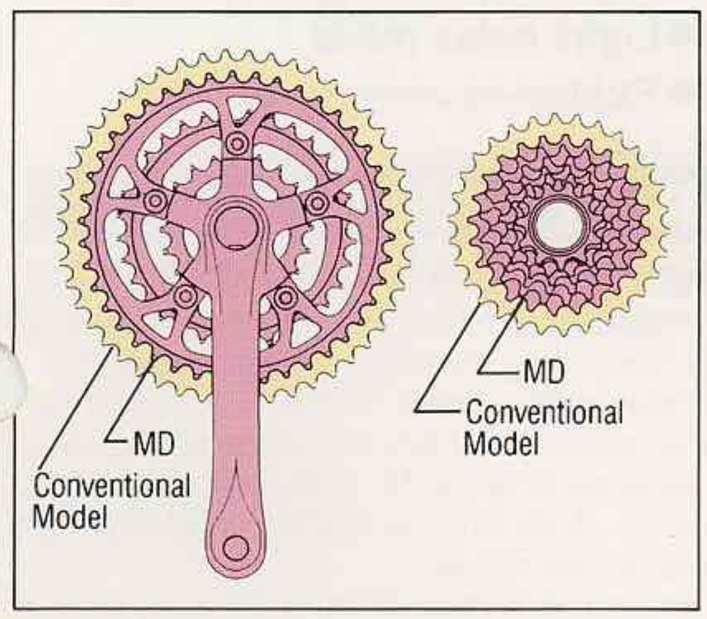




11T COG

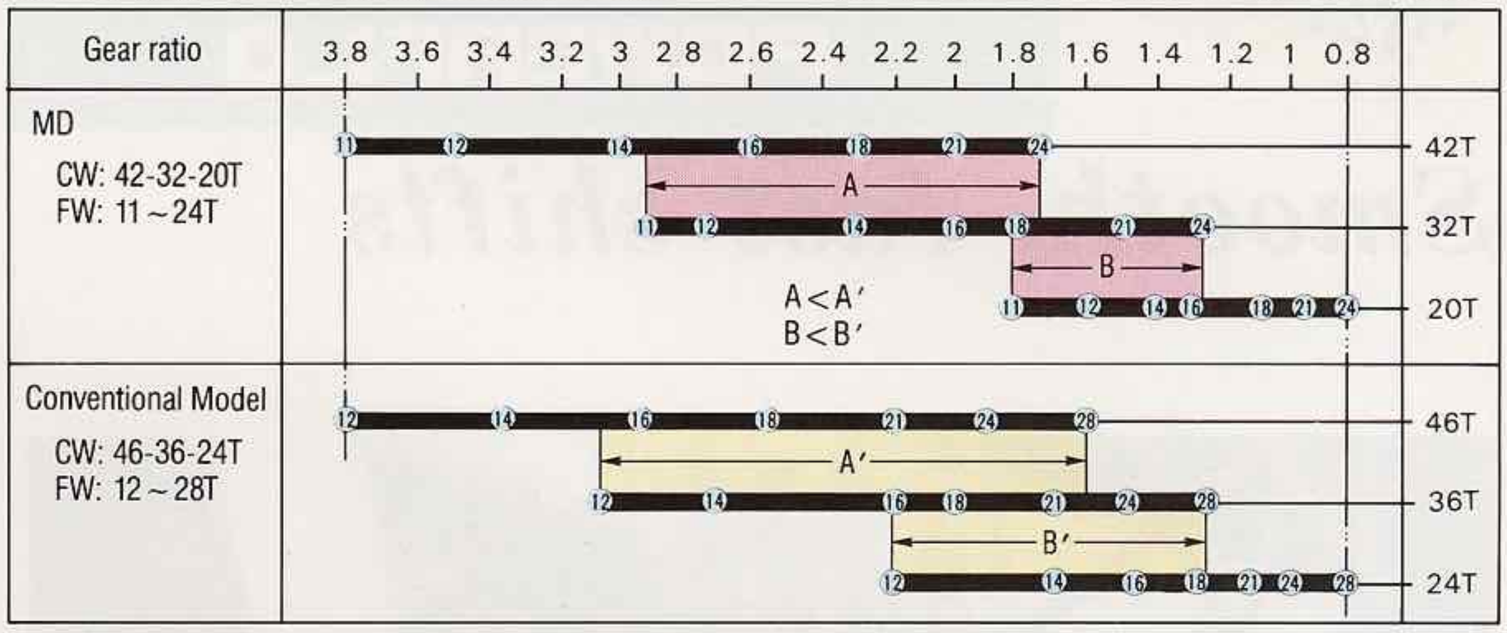
1. Increased frame clearance; more space for bigger tires

The smaller diameters of the front chain rings mean increased clearance at the chainstays. This increased space means that the width of chainstays can be increased, improving tire clearance. This extra space also means that chainstay dimpling can be reduced or eliminated. The 20t inner ring fits over the bottom bracket shell, so chain jam is virtually eliminated.



MD USEFULL GEAR TABLE

GEAR RATIO COMPARISON CHART OF "MD" AND CONVENTIONAL MODEL

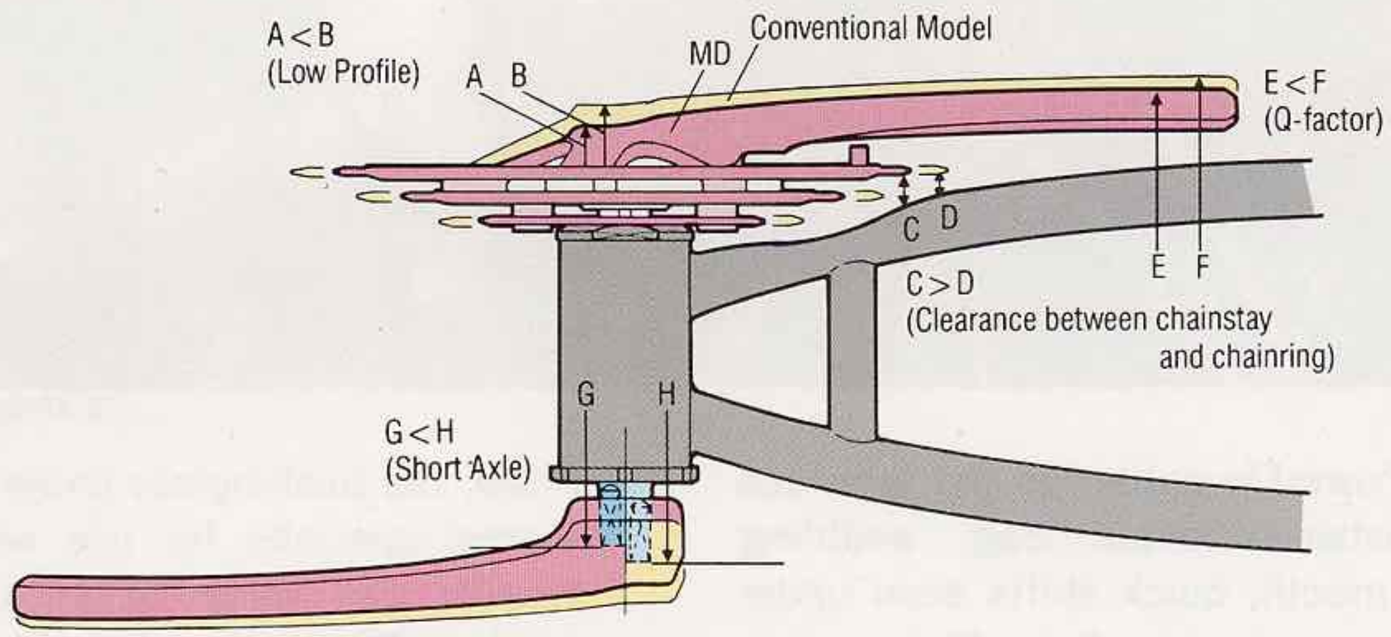


2. Faster, smoother shifts

With a 11-24 seven speed cassette and a short cage rear derailleur on the back, shifing is fast; smaller jumps between gears means less chain travel, quicker response.

5. Low-profile cranks

Cold forged for light weight and high strength the newly designed MD cranks offer a lower profile for more efficient pedaling as well as Low-Q-Factor concept. Another benefit of the lower profile is the reduce length of the bottom bracket spindle resulting in lower weight.



3. Increased ground clearance

Reducing the size of the chain rings has also increased ground clearance significantly, allowing riders to negotiate obstacles with less chance of damage to their equipment.

6. No more chain jam

The 20 tooth inner chainring overlaps the bottom bracket shell with a minimum amount of clearance. As a result of the close tolerances, the chain can no longer jam between the bottom bracket spindle and the shell.

4. More efficient gearing

The number of overlapping gear ratios has been reduced in comparison to standard 7 speed drive train systems. Less duplication of ratios means more gear combinations that make MD comparable to 8-speed systems.

'92NEW

POWERFLO

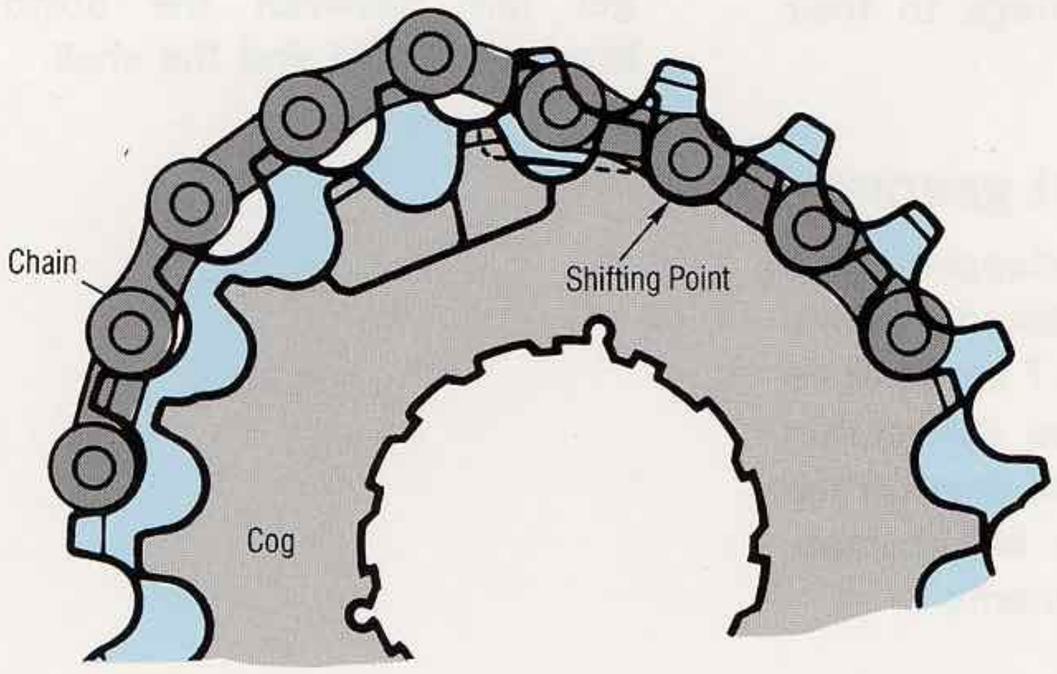
Smooth, fast shifts



CS-AP20-S7

PowerFlo enhances the interface between chain cog, enabling smooth, quick shifts even under heavy loads. PowerFlo incorporates specially beveled cogs that are preceded by a leading-edge notch in strategic teeth to help lift the chain to the next gear,at the same time lowering the level of lateral stress on the chain.

All new, the bushingless chain is designed specially for use with PowerFlo and other SUNTOUR systems. The new chain features a redesigned side plate that enhances the performance of the system. Laterally stiff, the bushingless design allows a lower profile than standard chains so that it will engage the gear quicker.



'92NEW

WISHB

New Ergonom simplified shi



Like the Top Mount shifter,the Wishbone features simple operation but mounted under the handlebar.

The Wishbone shift lever shares the same simple operation as our standard top mount shifter, but its mounted under the bar. Designed for use on flat bars, the Wishbone features a unique Y-shaped lever that allows the riders to make shifts ergonomically without removing their hands from the grips. Light-weight alloy construction with rubber lever ends, the Wishbone shiftlever features Multi-Mount positioning, making personalized ergonomic placement of controls possibie for the rider.

- Aluminum construction
- Ergonomic design
- Light index mode
- Rubber-covered lever ends

MULTI MOUNT

Ideal positioning for both brake and shift levers

The SUNTOUR Multi Mount system gives mountain bike riders true brake and shift lever positioning flexibility. Constructed of light weight alloy, these narrow profile, durable clamps allow cyclists the option of installing their shift levers inside or outside of the brake levers. Angles are independently adjustable, so the rider can position the controls for a better fit. More effective positioning means better control and less fatigue for your hands.

ONE SHIFTER

'92NEW

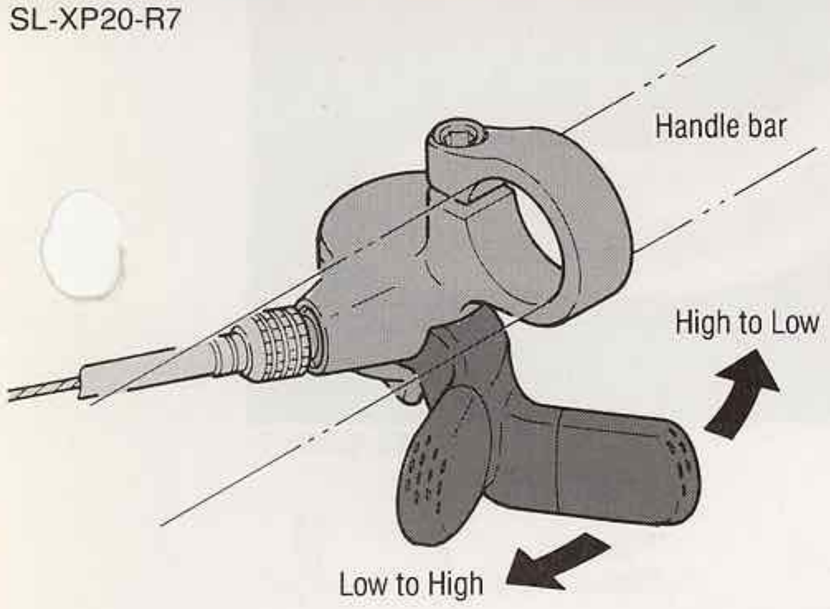
HYBRID-BIKE COMPONENTS

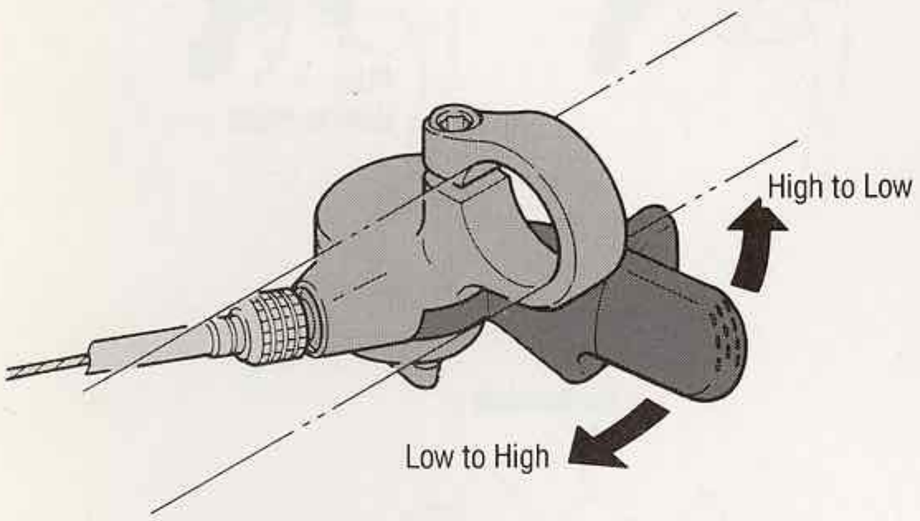
ic Design, fting

FS-E/XCM/XCT



SL-XP20-R7







THUMB SHIFTER WITH MULTIMOUNT



FSE/XCM/XCT

Fitness components; the best of both worlds

Combining the rugged construction of our light-weight off-road parts with the elegance and finish found on our best road parts, and you get hybrid components that are both attractive and truly functional.

FSE

This lineup is available on '92 hybrid bikes. Their light-weight, functional design and attractive appearance has been designed to enhance the funcion and appearance of any Hybrid/Fitness-model.

- Light operation shifting system for easier shifing
- New command-type shifter for drop style handlebars. For flat handlebars, depending on style, riders can choose between the New Wishbone design, X-Press or Top Mount shift levers.
- Brake levers are available for both flat or drop bars
- Two available front gearing choices : 50/40/28 or 52/42/32
- New triple-pivot brake caliper. (Cantilever-type brakes also available)

XCM • XCT

XCM and XCT can be found on both mountain and hybrid bike models.

- Light operation shifting system for easier shifting
- New command type shifter for drop style handle bars. For flat handlebars, depending on style, riders can choose between the New Wishbone design, X-Press or Top Mount shift levers.
- Two available front gearing choices : 48/38/28 (for mountain bikes) or 50/40/28
- Choice of cantilever or side pull brakes

'92NEW

LITE OPERATION

'92NEW

COMMAND

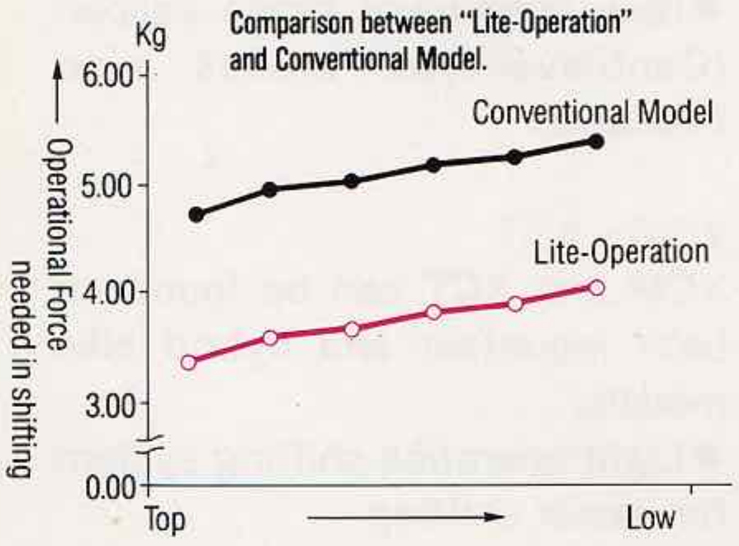
shift on the fly

Easier, more comfortable shifting

Ideal for casual use bicycles, this system is achieved by lightening the action of the return spring on the front and rear derailleurs. The shift lever has been given a lighter feel as well. As a result, shift action is so light it takes only half the effort of a conventional system. This system is best suited to casual riders.
Models compatible with light operation shifting system include XCM/XCT/XCU/FSE/BLAZE/VX/RT and Scrambler (standard specifications as per the SUNTOUR '92 components catalog).



SL-CD01-7



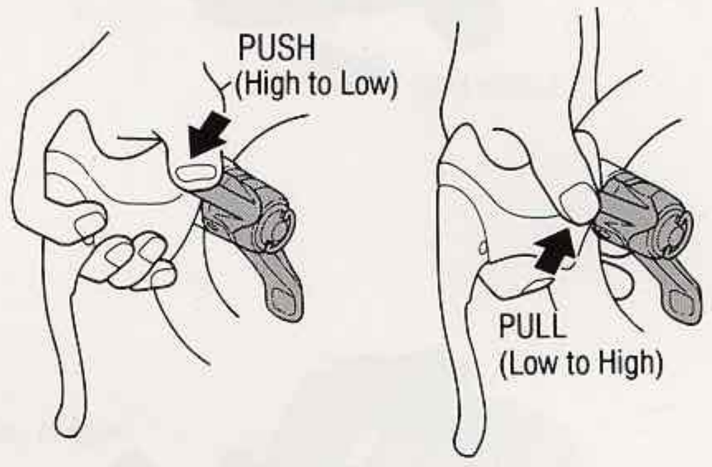
In order for the Light Operation system to function properly, it is recommended that the set consists of the proper front and rear derailleurs and shift levers.



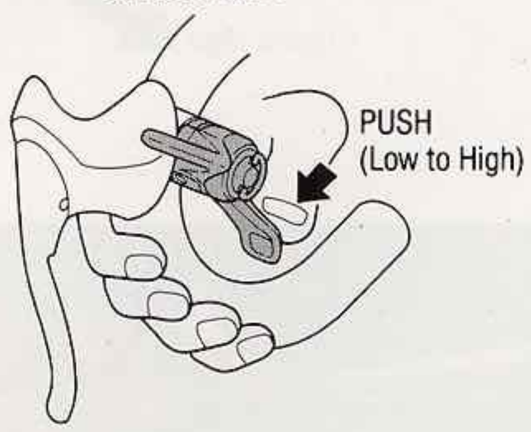
New Command shifters allow the rider to shift whether in the saddle, standing on a climb, or in a sprint. Mounted inboard of the brake levers, their ergonomic design allows the cyclist to push the lever with their finger or with their thumb for up and down shifting when they need it most. Light-weight and durable the Command shift levers are protected from impact by the handle bars and brake levers.

- New compact, light-weight design
- Light index setting
- Adjustable positioning
- Easy installation

< Bar/Upside >



< Bar/Downside >



'92NEW

SE

Super-Low-Profile SE Cantilevers

20% increase in braking performance

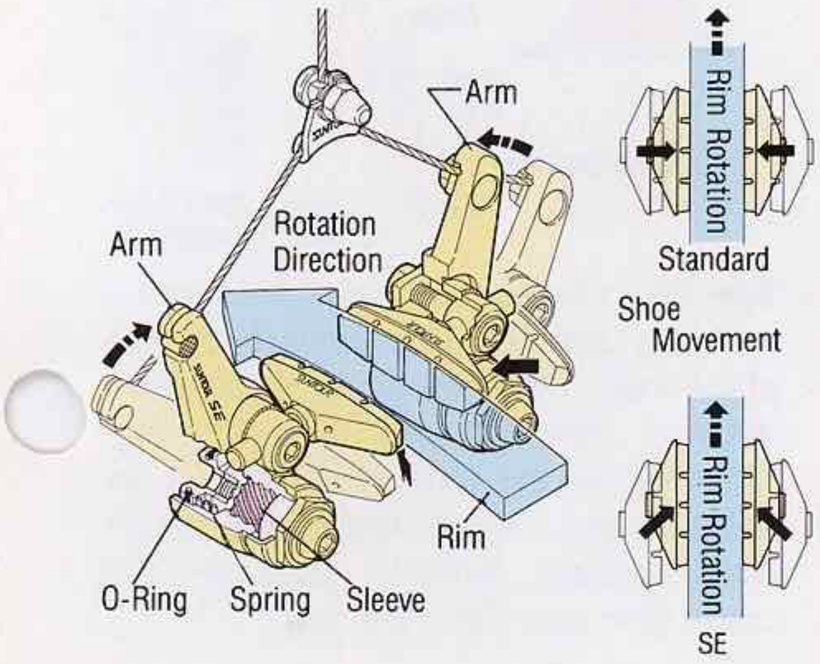
Super Low-Profile Self Energizing brakes use the directional force of the rim to increase braking energy. As the pads contact the rim they are pulled forward toward the seatstay : the brake's internal helical mechanism drives the pads onto the rim with greater force.

Compact, the new SE Low-Profile has an all new, low profile design that tucks the brake arms out of the way for greater heel clearance and less chance of impact.

- Reduced Weight, Light action operation
- New brake shoe design for increased stopping power



CT-XP11



CARTRIDGE BEARING

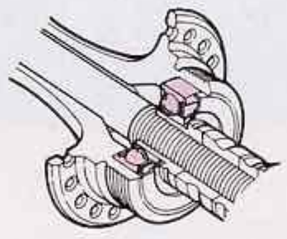
The least rolling resistance

Utilizing extremely high precision machining technology, the "contact surface" of the balls inside the bearing are machined within a tolerance of 0.001 millimeter. Under load, rotational resistance is reduced to less than half that of standard bearing systems. Replacement and adjustment of this system is very easy and double seal mechanism completely isolates the bearings from impurities.

Utilized extensively in Superbe Pro and XC-Pro components, cartridge bearings for the first time are also serviceable through the developmens of SUNTOUR's relubrication system.



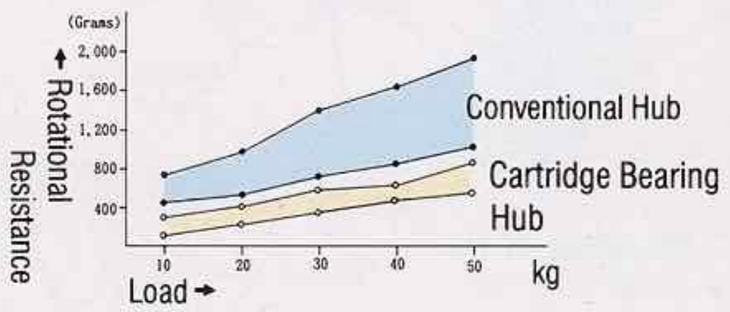
HUB



PULLEY



ROTATIONAL RESISTANCE UNDER LOAD
Cartridge Bearing Hub/Conventional Hub



MICROLITE

Redefining light-weight

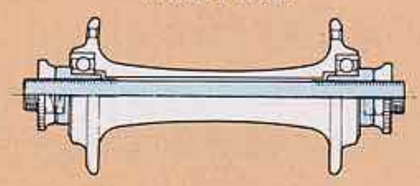
BB-SL10-E
FH-SL10-7
HB-SL10-F



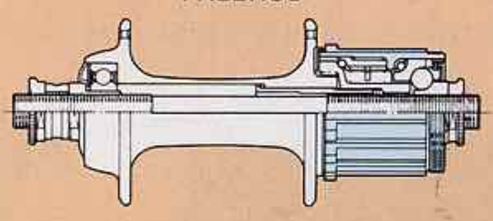
A component upgrade option for those in who count their grams, Microlite components offer weight savings of almost a half-pound! Where standard front hubs have a steel axle, bottom brackets have steel cups and free-hubs have steel bodies, SUNTOUR Microlite replaces these parts with aluminum.
The end result, Micro-light!

Aluminum alloy parts which are used in place of conventional steel parts are indicated in blue.

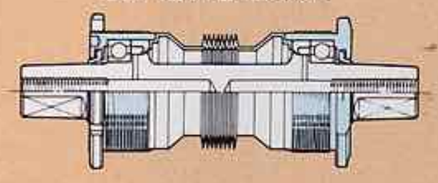
FRONT HUB



FREEHUB



BOTTOM BRACKET



GREASE GUARD

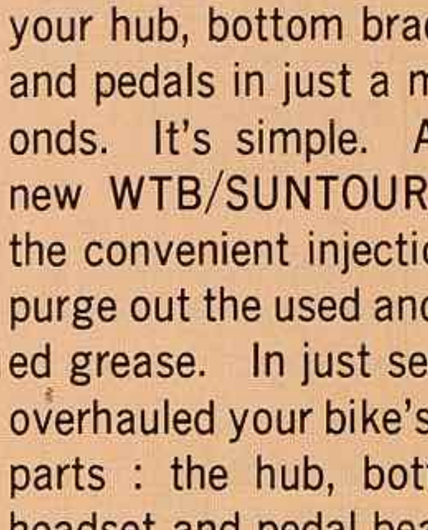
WTB SUNTOUR GREASE GUARD INTRODUCING THE 30 SEC. OVERHAUL!

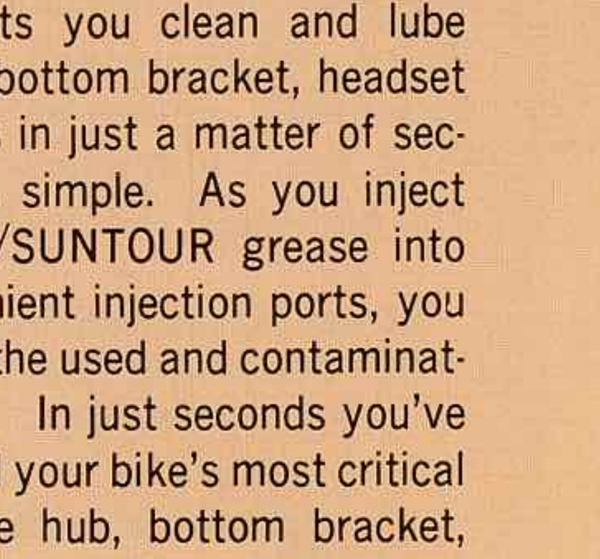


Keeping your bike in tiptop shape has never been easier. The new WTB/SUNTOUR Grease Guard System lets you clean and lube your hub, bottom bracket, headset and pedals in just a matter of seconds. It's simple. As you inject new WTB/SUNTOUR grease into the convenient injection ports, you purge out the used and contaminated grease. In just seconds you've overhauled your bike's most critical parts : the hub, bottom bracket, headset and pedal bearings. There's no better way to keep your bike performing at its very best.

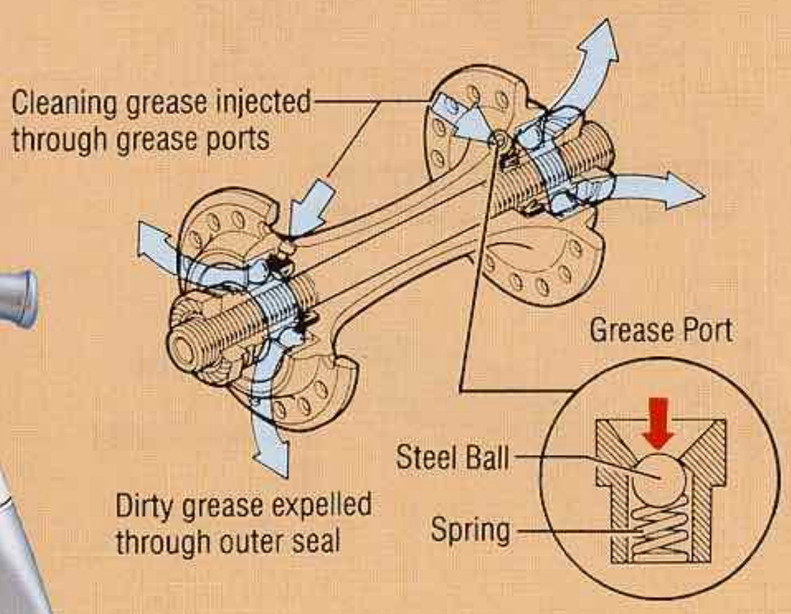








OT-GG11

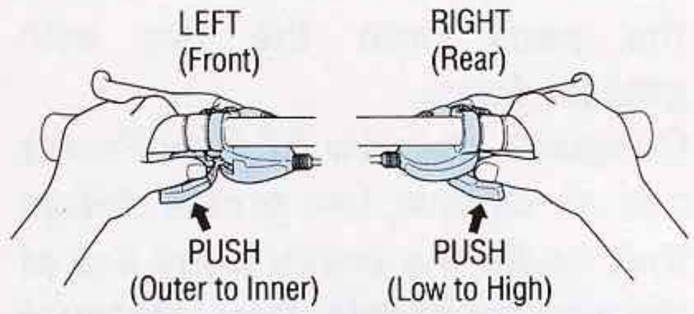


X-PRESS

Positive shifting without changing your grip



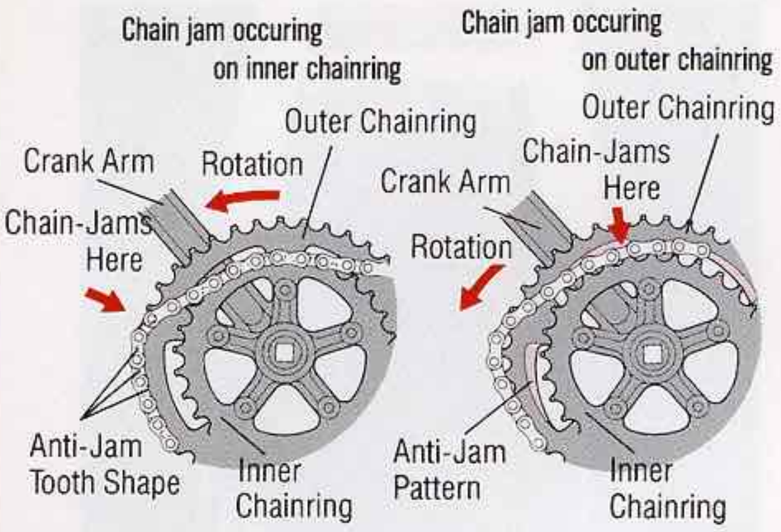
X-Press shift levers let the rider shift without compromising braking or steering control. Mounted under the bar, X-press shift levers have a streamlined, uncluttered look and can be adjusted to fit the individual riders most comfortable hand position.

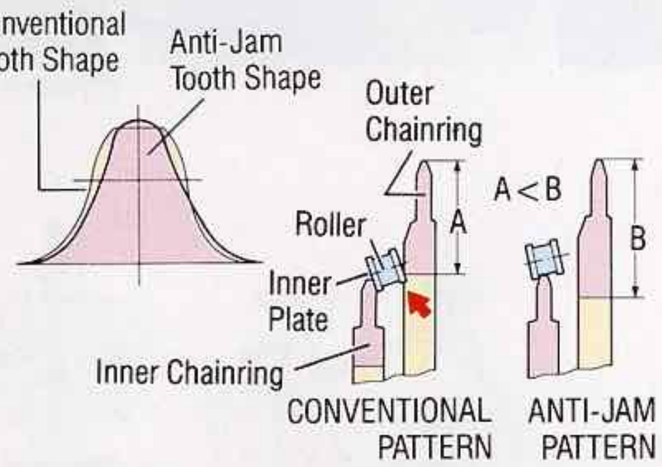


POWERING

Smooth shifts, reduced chain-suck







Specially shaped teeth,combined with a specially profiled side pattern on the chainrings, help the chain shift down without hanging up and jamming. Mounted to the outer chainring is an anti-jam pin, which keeps the chain from getting jammed between the crank arm and the chainring.

All Terrain Bike & Hybrid Bike

<COMPONENTS>

XC-PRO <MD>
XC-PRO
XC-COMP <MD>
XC-COMP
XC-LTD
X-1
FS-E
XCE
XCM
XCT
XCU



SUNTOUR XC PRO MD & SUNTOUR XC PRO

The state of the art from SUNTOUR

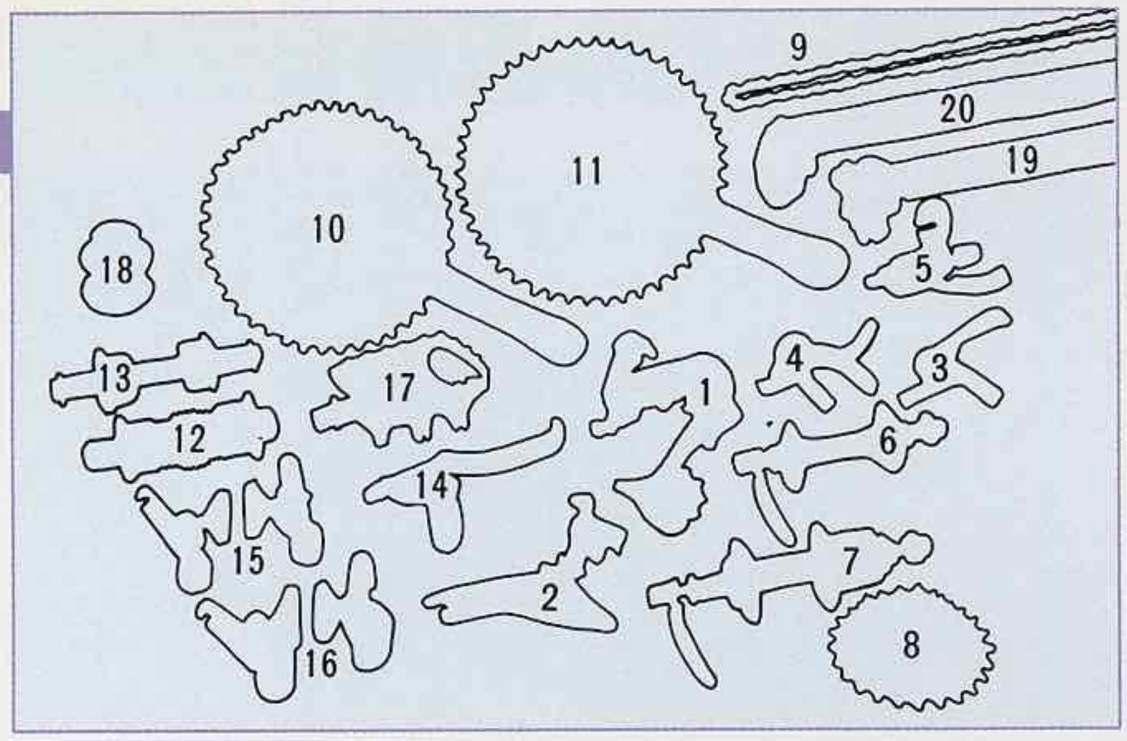
XC-Pro incorporates the highest-quality materials and manufacturing processes with state-of-the-art drivetrain and component technology. Engineered for strength and durability, XC-Pro components are the lightest weight in their class.

MD
POWERFLO
WISHBONE SHIFTER
SE
CARTRIDGE BEARING
GREASE GUARD
X-PRESS
POWERING



The new XC-Pro pedal has been refined and upgraded for easier foot placement and pedalling. (adapted Grease Guard System.)





1 REAR DERAILLEUR
Model: RD-XP00-GXB
(Code No. 24039921) (GX Type)
Model: RD-XP00-GTB
(Code No. 24029921) (GT Type)
Model: RD-XP00-SSB
(Code No. 24019921) (SS Type)

Specifications
- **ACCUSHIFT PLUS Compatible**
- **Largest rear cog:**
  30T (28mm dropout) (GX & GT)
  28T (28mm dropout) (SS)
- **Total gear capacity:**
  GX: 39T (Maximum chainring differential: 22T)
  GT: 34T (Maximum chainring differential: 20T)
  SS: 28T (Maximum chainring differential: 13T)
- **Weight:** 275g (GX type)
  265g (GT type)
  235g (SS type)

2 FRONT DERAILLEUR
Model: FD-XP01-GXH
(Code No. 29149911)
Clamp-on/28.6mm
(Code No. 29149913)
Clamp-on/31.8mm
(Code No. 29149915)
Clamp-on/34.9mm

Specifications
- **Gear capacity:** 24T
- **Chainring differential:** 7~11T (Outer-center)
- **Clamp diameter:** 1-1/8" (28.6mm)
  1-1/4" (31.8mm)
  1-3/8" (34.9mm)
- **Weight:** 116g/1-1/8" (28.6mm)

3 SHIFT LEVER (7-SPEED)
Model: SL-XP00-R7
(Code No. 33129571)
Right/Index
Model: SL-XP00-L
(Code No. 33129701)
Left/Power

Specifications
- **ACCUSHIFT PLUS Compatible**
- **Clamp diameter:** 7/8" (22.2mm)
- **Weight:** 149g/pr.

	Inner Cable		Outer Casing	
Standard	Type	Length	Type	Length
Right (Rear)	029	2,000mm	751	600×280mm
Left (Front)	029	1,500mm	751	600mm

4 WISHBONE SHIFTER (7-SPEED)
Model: SL-XP20-R7
(Code No. 33829571)
Right/Index
Model: SL-XP20-L
(Code No. 33829701)
Left/Power

Specifications
- **ACCUSHIFT PLUS Compatible**
- **Clamp diameter:** 7/8" (22.2mm)
- **Weight:** 225g/pr.

	Inner Cable		Outer Casing	
Standard	Type	Length	Type	Length
Right (Rear)	029	2,000mm	751	520×280mm
Left (Front)	029	1,500mm	751	520mm

5 X-PRESS CONTROL LEVER (7-SPEED)
Model: SL-XP10-R7
(Code No. 33159571)
Right/Index
Model: SL-XP10-L
(Code No. 33159701)
Left/Power

Specifications
- **ACCUSHIFT PLUS Compatible**
- **Clamp diameter:** 7/8" (22.2mm)
- **Weight:** 331g/pr.

	Inner Cable		Outer Casing	
Standard	Type	Length	Type	Length
Right (Rear)	036	2,000mm	751	520×280mm
Left (Front)	036	1,500mm	751	520mm

6 FRONT HUB
Model: HB-XP01-F
(Code No. 52899111) 32H/100mm
(Code No. 52899121) 36H/100mm
Quick release skewer
(Code No. 50249202)

Specifications
- **WTB/SUNTOUR Grease Guard System**
- **Weight:** 245g (36H/100mm)

7 FREEHUB<MD> (7-SPEED)
Model: FH-XP20-7
(Code No. 47739963) 32H/130mm
(Code No. 47739973) 36H/130mm
(Code No. 47739965) 32H/135mm
(Code No. 47739975) 36H/135mm
Quick release skewer
(Code No. 50249207) For 130mm
(Code No. 50249208) For 135mm

Specifications
- **WTB/SUNTOUR Grease Guard System**
- **Weight:** 375g (36H/135mm)

7 FREEHUB (7-SPEED)
Model: FH-XP02-7
(Code No. 47739913) 32H/130mm
(Code No. 47739923) 36H/130mm
(Code No. 47739915) 32H/135mm
(Code No. 47739925) 36H/135mm
Quick release skewer
(Code No. 50249207) For 130mm
(Code No. 50249208) For 135mm

Specifications
- **WTB/SUNTOUR Grease Guard System**
- **Weight:** 386g (36H/135mm)

8 CASSETTE COGS<MD> (7-SPEED)
Model: CS-AP20-S7
(Code No. 47199801) 11~24T
Silver

Specifications
- **PowerFlo design compatible**
- **ACCUSHIFT PLUS Compatible**
- **Standard gear ratio (Weight):**
  11×12×14×16×18×21×24T (231g)

8 CASSETTE COGS (7-SPEED)
Model: CS-AP10-S7
(Code No. 47199802) 12~28T
(Code No. 47199803) 12~30T
Silver

Specifications
- **PowerFlo design compatible**
- **ACCUSHIFT PLUS Compatible**
- **Standard gear ratio (Weight):**
  12×14×16×18×21×24×28T (296g)
  12×14×16×18×21×24×30T (306g)

9 CHAIN
Model: CH-AP01
(Code No. 50540116)
Silver & Silver

Specifications
- **Features:** Hardening Treatment Pin
- **ACCUSHIFT PLUS Compatible**
- **Size:** 1/2"×3/32"
- **Pin width:** 7.3mm
- **Weight:** 325g (116 Links)

10 CRANKSET<MD>
Model: CW-XP10
(Code No. 48119152)
42T×32T×20T/L=170.0mm
(Code No. 48119172)
42T×32T×20T/L=175.0mm
(Code No. 48119182)
42T×32T×20T/L=177.5mm

Specifications
- **Features:** PoweRing (42T×32T×20T only)
- **Taper size:** VX
- **Bolt circle diameter:** 94mm (Outer & Middle)
  56mm (Inner)
- **Available chainrings:** 42T×32T×20T
- **Thread:** BC 9/16"×20T (English)
- **Weight:** 649g (42T×32T×20T/L=170.0mm)

11 CRANKSET
Model: CW-XP01
(Code No. 51739747)
46T×36T×24T/L=170.0mm
(Code No. 51739751)
46T×36T×24T/L=175.0mm
(Code No. 51739755)
46T×36T×24T/L=180.0mm

Specifications
- **Features:** PoweRing (46T×36T×24T)
- **Taper size:** VX
- **Bolt circle diameter:** 110mm (Outer & Middle)
  74mm (Inner)
- **Available chainrings:** 46T×36T×24T
- **Thread:** BC 9/16"×20T (English)
- **Weight:** 685g (46T×36T×24T/L=170.0mm)

12 BOTTOM BRACKET<MD>
Model: BB-SL10-E
(Code No. 51109901) English
Model: BB-SL10-73
(Code No. 51109902) Oversize
Model: BB-SL10-I
(Code No. 51109904) Italian

Specifications
- **Features:** Microlite
  WTB/SUNTOUR Grease Guard System
- **Taper size:** VX
- **Thread:** BC 1.37"×24T (English Oversize)
  36×24T (Italian)
- **B.B.Width:** 68, 70, 73mm
- **Weight:** 275g (Model BB-SL10-E)

13 BOTTOM BRACKET
Model: BB-XP00-E
(Code No. 51949901) English
Model: BB-XP00-73
(Code No. 51949902) Oversize
Model: BB-XC01-I
(Code No. 51969923) Italian

Specifications
- **Features:** WTB/SUNTOUR Grease Guard System
  (English, Oversize)
- **Ball size:** 1/4"×11pcs (w/bearing retainer)
  English size
  Over size (73mm)
  1/4"×9pcs (w/bearing retainer)
  Italian size
- **Taper size:** VX
- **Thread:** BC 1.37"×24T (English, Oversize)
  36×24T (Italian)
- **B.B.Width:** 68, 70, 73mm
- **Weight:** 347g (Model BB-XP00-E)



14 BRAKE LEVER
Model: BL-XP00-S
(Code No. 60209901)
2-Finger type

Specifications
- **Reach adjustment range:** 23mm
- **Clamp diameter:** 22.2mm
- **Weight:** 220g/pr.

BRAKE INNER OUTER SET
(Code No. 60999901)

15 CANTILEVER BRAKE
Model: CT-XP20
(Code No. 62689942)

Specifications
- **Shoe adjustment range:** 22.5~27.5mm
- **Weight:** 170g

16 CANTILEVER BRAKE (SE)
Model: CT-XP11
(Code No. 62689932)

Specifications
- **Features:** Self Energizing System
- **Shoe adjustment range:** 22.5~27.5mm
- **Weight:** 231g

17 PEDAL
Model: PL-XP02
(Code No. 53219931)

Specifications
- **Features:** WTB/SUNTOUR Grease Guard System
- **Thread:** BC9/16"×20T (English)
- **Weight:** 305g/pr.

18 HEAD SET
Model: HS-XP02-J
(Code No. 50019901) JIS
Model: HS-XP02-I
(Code No. 50019911) English, Italian
Model: HS-XP02-OS
(Code No. 50019915) Oversize

Specifications
- **Features:** WTB/SUNTOUR Grease Guard System
- **Type:** ATB
- **Ball size:** 5/32"×20pcs
- **Stack height:** 37mm (JIS, ITALIAN)
  34mm (OVER SIZE)
- **Weight:** 125g

			Race Diameter	
	Type	Thread	Upper Cone & Lower Cup	Lower Cone
J	JIS	BC1"x24T	30.0mm	27.0mm
I	English & Italian		30.2mm	26.4mm
OS	Over Size	BC1-1/8"x26T	34.0mm	30.0mm

19 SEAT POST
Model: SP-XP00
(Code No. 53669910) 26.8mm/L=300mm
(Code No. 53669912) 27.0mm/L=300mm
(Code No. 53669914) 27.2mm/L=300mm

Specifications
- **Diameter:** 25.0mm, 26.4mm, 26.6mm, 26.8mm, 27.0mm, 27.2mm
- **Saddle angle adjustment range:** 22-degrees
- **Saddle rail diameter:** 7~8mm
- **Weight:** 290g (26.8mm/L=300mm)

20 SEAT POST (OVER SIZE)
Model: SP-XP10
(Code No. 53639921) 29.8mm/L=300mm
(Code No. 53639931) 30.2mm/L=300mm

Specifications
- **Diameter:** 29.8mm, 30.2mm
- **Saddle angle adjustment range:** 21-degrees
- **Saddle rail diameter:** 7~8mm
- **Weight:** 279g (29.8mm/L=300mm)

Shown here is a representative selection of this component.
The specifications of other products are also listed.

SUNTOUR XC COMP MD & SUNTOUR XC COMP

The expert's choice. High precision, high performance

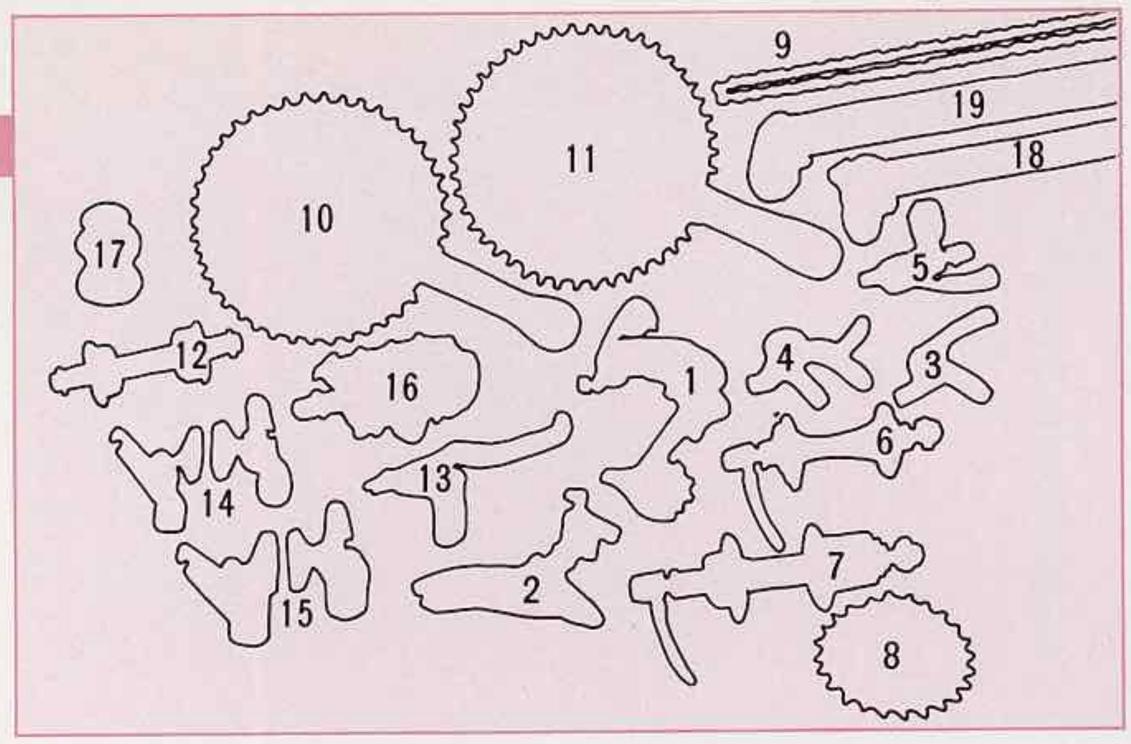
XC-Comp : High-quality components built around the same design ideas as XC-Pro, with the expert in mind. Light weight and durability, the cornerstones of SUNTOUR products, is built into XC-Comp designed for top performance and dependability demanded by any situation.

MD
POWERFLO
WISHBONE SHIFTER
SE
X-PRESS
POWERING



THUMB SHIFTER WITH MULTIMOUNT





1 REAR DERAILLEUR
Model: RD-XC20-GXB
(Code No. 24099921) (GX Type)
Model: RD-XC20-GTB
(Code No. 24089921) (GT Type)
Model: RD-XC20-SSB
(Code No. 24079921) (SS Type)

Specifications
- **ACCUSHIFT PLUS Compatible**
- **Largest rear cog:**
  30T (28mm dropout) (GX, GT)
  28T (28mm dropout) (SS)
- **Total gear capacity:**
  39T (Maximum chainring differential: 22T) (GX Type)
  34T (Maximum chainring differential: 20T) (GT Type)
  28T (Maximum chainring differential: 13T) (SS Type)
- **Weight:** 268g (GX Type)
  253g (GT Type)
  225g (SS Type)

2 FRONT DERAILLEUR
Model: FD-XC01-GXH
(Code No. 29169911)
Clamp-on/28.6mm
(Code No. 29169913)
Clamp-on/31.8mm
(Code No. 29169915)
Clamp-on/34.9mm

Specifications
- **Gear capacity:** 24T
- **Chainring differential:** 7~11T (Outer~Center)
- **Clamp diameter:** 1-1/8" (28.6mm)
  1-1/4" (31.8mm)
  1-3/8" (34.9mm)
- **Weight:** 116g/1-1/8" (28.6mm)

3 SHIFT LEVER (7-SPEED)
Model: SL-XP00-R7
(Code No. 33129571)
Right/Index
Model: SL-XP00-L
(Code No. 33129701)
Left/Power

Specifications
- **ACCUSHIFT PLUS Compatible**
- **Clamp diameter:** 7/8" (22.2mm)
- **Weight:** 149g/pr.

	Inner Cable		Outer Casing	
Standard	Type	Length	Type	Length
Right (Rear)	029	2,000mm	751	600×280mm
Left (Front)	029	1,500mm	751	600mm

4 WISHBONE SHIFTER (7-SPEED)
Model: SL-XP20-R7
(Code No. 33829571)
Right/Index
Model: SL-XP20-L
(Code No. 33829701)
Left/Power

Specifications
- **ACCUSHIFT PLUS Compatible**
- **Clamp diameter:** 7/8" (22.2mm)
- **Weight:** 225g/pr.

	Inner Cable		Outer Casing	
Standard	Type	Length	Type	Length
Right (Rear)	029	2,000mm	751	520×280mm
Left (Front)	029	1,500mm	751	600mm

5 X-PRESS CONTROL LEVER (7-SPEED)
Model: SL-XP10-R7
(Code No. 33159571)
Right/Index
Model: SL-XP10-L
(Code No. 33159701)
Left/Power

Specifications
- **ACCUSHIFT PLUS Compatible**
- **Clamp diameter:** 7/8" (22.2mm)
- **Weight:** 331g/pr.

	Inner Cable		Outer Casing	
Standard	Type	Length	Type	Length
Right (Rear)	036	2,000mm	751	520×280mm
Left (Front)	036	1,500mm	751	520mm

6 FRONT HUB
Model: HB-XC02-F
(Code No. 52939121) 32H/100mm
(Code No. 52939131) 36H/100mm
Quick release skewer
(Code No. 50249242)

Specifications
- **Weight:** 234g

7 FREEHUB〈MD〉 (7-SPEED)
Model: FH-XC11-7
(Code No. 47749963) 32H/130mm
(Code No. 47749973) 36H/130mm
(Code No. 47749965) 32H/135mm
(Code No. 47749975) 36H/135mm
Quick release skewer
(Code No. 50249247) For 130mm
(Code No. 50249248) For 135mm

Specifications
- **Weight:** 375g (36H/130mm)

7 FREEHUB (7-SPEED)
Model: FH-XC02-7
(Code No. 47749913) 32H/130mm
(Code No. 47749923) 36H/130mm
(Code No. 47749915) 32H/135mm
(Code No. 47749925) 36H/135mm
Quick release skewer
(Code No. 50249247) For 130mm
(Code No. 50249248) For 135mm

Specifications
- **Weight:** 386g (36H/135mm)

8 CASSETTE COGS〈MD〉 (7-SPEED)
Model: CS-AP20-S7
(Code No. 47199801)
Silver

Specifications
- **PowerFlo design compatible**
- **ACCUSHIFT PLUS Compatible**
- **Standard gear ratio (Weight):**
  11×12×14×16×18×21×24T (231g)

8 CASSETTE COGS (7-SPEED)
Model: CS-AP10-S7
(Code No. 47199802) 12~28T
(Code No. 47199803) 12~30T
Silver

Specifications
- **PowerFlo design compatible**
- **ACCUSHIFT PLUS Compatible**
- **Standard gear ratio (Weight):**
  12×14×16×18×21×24×28T (296g)
  12×14×16×18×21×24×30T (306g)

9 CHAIN
Model: CH-AP11
(Code No. 50550116)
Silver & Black

Specifications
- **ACCUSHIFT PLUS Compatible**
- **Size:** 1/2"×3/32"
- **Pin width:** 7.3mm
- **Weight:** 325g (116 Links)

10 CRANKSET〈MD〉
Model: CW-XC11
(Code No. 48219152)
42T×32T×20T/L=170.0mm
(Code No. 48219172)
42T×32T×20T/L=175.0mm

Specifications
- **Features:** PoweRing (42T×32T×20T only)
- **Taper size:** VX
- **Bolt circle diameter:** 94mm (Outer & Middle)
  56mm (Inner)
- **Available chainrings:** 42T×32T×20T
- **Thread:** BC 9/16"×20T (English)
- **Weight:** 685g (42T×32T×20T/170.0mm)

11 CRANKSET
Model: CW-XC01
(Code No. 51589725)
46T×36T×24T/L=170.0mm
(Code No. 51589729)
46T×36T×24T/L=175.0mm

Specifications
- **Features:** PoweRing (46T×36T×24T, 26T)
- **Taper size:** VX
- **Bolt circle diameter:** 110mm (Outer & Middle)
  74mm (Inner)
- **Available chainrings:**
  46T×36T×24T, 46T×36T×26T
- **Thread:** BC 9/16"×20T (English)
- **Weight:** 740g (46T×36T×24T/170.0mm)

12 BOTTOM BRACKET〈MD〉
Model: BB-SL00-E
(Code No. 51129901) English
Model: BB-SL00-73
(Code No. 51129902) Oversize
Model: BB-SL00-I
(Code No. 51129903) Italian

Specifications
- **Ball size:** 1/4"×9pcs (w/bearing retainer)
- **Taper size:** VX
- **Thread:** BC 1.37"×24T (English, Oversize)
  36×24T (Italian)
- **B.B.Width:** 68mm, 70mm, 73mm
- **Weight:** 329g (Model BB-SL00-E)

12 BOTTOM BRACKET
Model: BB-XC01-E
(Code No. 51969921) English
Model: BB-XC01-73
(Code No. 51969922) Oversize
Model: BB-XC01-I
(Code No. 51969923) Italian

Specifications
- **Ball size:** 1/4"×9pcs (w/bearing retainer)
- **Taper size:** VX
- **Thread:** BC 1.37"×24T (English, Oversize)
  36×24T (Italian)
- **B.B.Width:** 68mm, 70mm, 73mm
- **Weight:** 348g (Model BB-XC01-E)

13 BRAKE LEVER
Model: BL-XC01-S
(Code No. 60349901)
2-Finger type

Specifications
- **Reach adjustment range:**
  23mm
- **Clamp diameter:** 22.2mm
- **Weight:** 225g

BRAKE INNER OUTER SET
(Code No. 60999901)

14 CANTILEVER BRAKE
Model: CT-XP20
(Code No. 62689942)

Specifications
- **Shoe adjustment range:** 22.5~27.5mm
- **Weight:** 170g

15 CANTILEVER BRAKE (SE)
Model: CT-XP11
(Code No. 62689932)

Specifications
- **Features:** Self Energizing System
- **Shoe adjustment range:** 22.5~27.5mm
- **Weight:** 231g

16 PEDAL
Model: PL-XC20
(Code No. 53129901)

Specifications
- **Thread:** BC9/16"×20T (English)
- **Weight:** 315g/pr.

17 HEAD SET
Model: HS-ST00-J
(Code No. 50049901) JIS
Model: HS-ST00-I
(Code No. 50049911) English, Italian

Specifications
- **Type:** ATB
- **Ball size:** 5/32"×20pcs
- **Stack height:** 38.1mm
- **Weight:** 122g

			Race Diameter	
	Type	Thread	Upper Cone & Lower Cup	Lower Cone
J	JIS	BC1"x24T	30.0mm	27.0mm
I	English & Italian		30.2mm	26.4mm

18 SEAT POST
Model: SP-XP00
(Code No. 53669910) 26.8mm/L=300mm
(Code No. 53669912) 27.0mm/L=300mm
(Code No. 53669914) 27.2mm/L=300mm

Specifications
- **Diameter:** 25.0mm, 26.4mm, 26.6mm, 26.8mm, 27.0mm, 27.2mm
- **Saddle angle adjustment range:** 22-degrees
- **Saddle rail diameter:** 7~8mm
- **Weight:** 290g (26.8mm/L=300mm)

19 SEAT POST (Oversize)
Model: SP-XP10
(Code No. 53639921) 29.8mm/L=300mm
(Code No. 53639931) 30.2mm/L=300mm

Specifications
- **Diameter:** 29.8mm, 30.2mm
- **Saddle angle adjustment range:** 21-degrees
- **Saddle rail diameter:** 7~8mm
- **Weight:** 279g (29.8mm/L=300mm)



Shown here is a representative selection of this component.
The specifications of other products are also listed.

SUNTOUR XC LTD

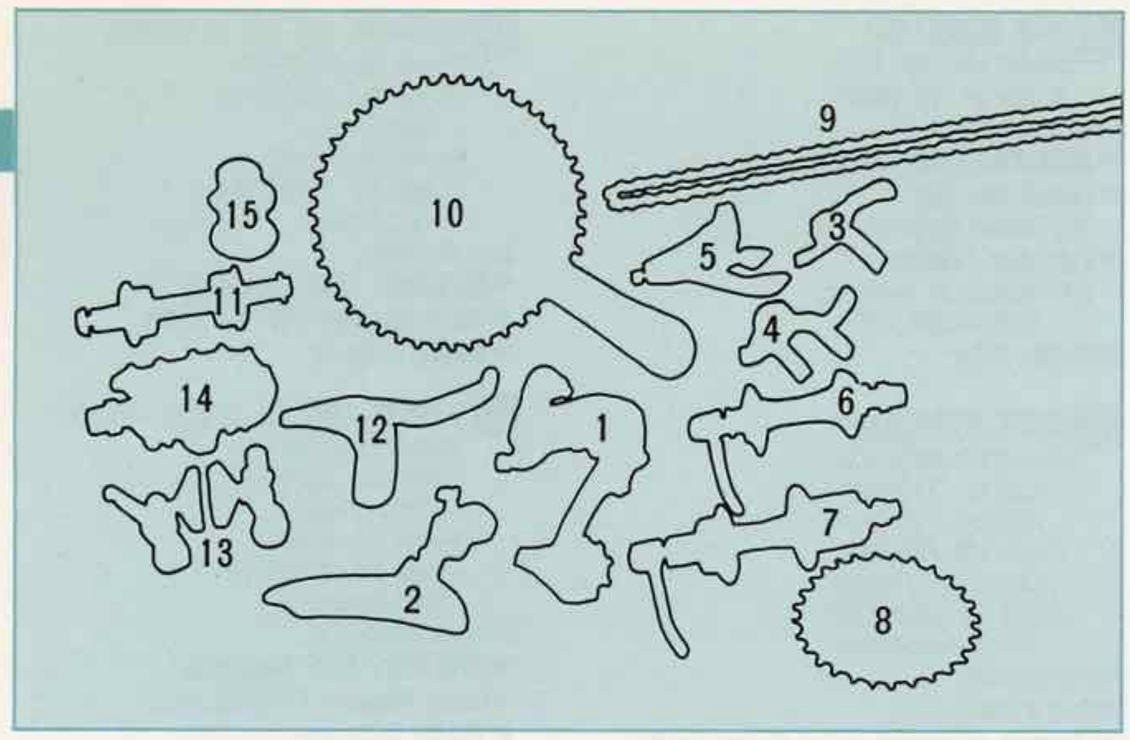
Where technology and value meet

From racing to touring, these high-performance components are designed to serve a wide range of rider needs. XC-LTD, sharing many of the same characteristics as XC-Pro and XC-COMP, stands out as SUNTOUR's best value component group.

POWERFLO
WISHBONE SHIFTER
X-PRESS
POWERING







1 REAR DERAILLEUR (GX Type)
Model: RD-XL00-GXB
(Code No. 24139921)
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Largest rear cog:** 30T (28mm dropout)
- **Total gear capacity:** 39T (Maximum chainring differential: 22T)
- **Weight:** 310g

2 FRONT DERAILLEUR
Model: FD-XL00-GXH
(Code No. 29849911) Clamp-on/28.6mm
(Code No. 29849913) Clamp-on/31.8mm
(Code No. 29849915) Clamp-on/34.9mm
Specifications
- **Gear capacity:** 24T
- **Chainring differential:** 7~11T (Outer~Center)
- **Clamp diameter:** 1-1/8" (28.6mm) 1-1/4" (31.8mm) 1-3/8" (34.9mm)
- **Weight:** 116g/1-1/8" (28.6mm)

3 SHIFT LEVER (7-SPEED)
Model: SL-XL00-R7
(Code No. 33279571) Right/Index
Model: SL-XL00-L
(Code No. 33279701) Left/Power
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Clamp diameter:** 7/8" (22.2mm)
- **Weight:** 143g/pr.

	Inner Cable		Outer Casing	
Standard	Type	Length	Type	Length
Right (Rear)	029	2,000mm	751	600×280mm
Left (Front)	029	1,500mm	751	600mm

4 WISHBONE SHIFTER (7-SPEED)
Model: SL-XP20-R7
(Code No. 33829571) Right/Index
Model: SL-XP20-L
(Code No. 33829701) Left/Power
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Clamp diameter:** 7/8" (22.2mm)
- **Weight:** 225g/pr.

	Inner Cable		Outer Casing	
Standard	Type	Length	Type	Length
Right (Rear)	029	2,000mm	751	520×280mm
Left (Front)	029	1,500mm	751	520mm

5 X-PRESS CONTROL LEVER (7-SPEED)
Model: SL-XL10-R7
(Code No. 33289571) Right/Index
Model: SL-XL10-L
(Code No. 33289701) Left/Power
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Clamp diameter:** 7/8" (22.2mm)
- **Weight:** 341g/pr.

	Inner Cable		Outer Casing	
Standard	Type	Length	Type	Length
Right (Rear)	036	2,000mm	751	520×280mm
Left (Front)	036	1,500mm	751	520mm

6 FRONT HUB
Model: HB-XL00-F
(Code No. 52979121) 32H/100mm
(Code No. 52979131) 36H/100mm
Quick release skewer
(Code No. 50249252)
Specifications
- **Weight:** 235g

7 FREEHUB (7-SPEED)
Model: FH-XL01-7
(Code No. 47759923) 32H/130mm
(Code No. 47759932) 36H/130mm
(Code No. 47759925) 32H/135mm
(Code No. 47759935) 36H/135mm
Quick release skewer
(Code No. 50249257) For 130mm
(Code No. 50249258) For 135mm
Specifications
- **Weight:** 386g (36H/135mm)

8 CASSETTE COGS (7-SPEED)
Model: CS-AP10-K7
(Code No. 47199702) 12~28T
(Code No. 47199703) 12~30T Black
Specifications
- **ACCUSHIFT PLUS Compatible**
- **PowerFlo design compatible**
- **Standard gear ratio (Weight):** 12×14×16×18×21×24×28T (296g) 12×14×16×18×21×24×30T (306g)

9 CHAIN
Model: CH-AP11
(Code No. 50550116) Silver & Black
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Size:** 1/2"×3/32"
- **Pin width:** 7.3mm
- **Weight:** 325g (116 Links)

10 CRANKSET
Model: CW-XL00
(Code No. 51759747) 46T×36T×24T/L=170.0mm
(Code No. 51759751) 46T×36T×24T/L=175.0mm
Specifications
- **Features:** PoweRing (46T×36T×24T, 26T)
- **Taper size:** VX
- **Bolt circle diameter:** 110mm (Outer & Middle) 74mm (Inner)
- **Available chainrings:** 46T×36T×24T, 46T×36T×26T
- **Thread:** BC 9/16"×20T (English)
- **Weight:** 720g (46T×36T×24T/170.0mm)

11 BOTTOM BRACKET
Model: BB-XC01-E
(Code No. 51969921) English
Model: BB-XC01-73
(Code No. 51969922) Oversize
Model: BB-XC01-I
(Code No. 51969923) Italian
Specifications
- **Ball size:** 1/4"×9pcs (w/bearing retainer)
- **Taper size:** VX
- **Thread:** BC 1.37"×24T (English, Oversize) 36×24T (Italian)
- **B.B.Width:** 68mm, 70mm, 73mm
- **Weight:** 348g (Model BB-XC01-E)

12 BRAKE LEVER
Model: BL-XL00-S
(Code No. 60359901) 2-Finger type
Specifications
- **Reach adjustment range:** 23mm
- **Clamp diameter:** 22.2mm
- **Weight:** 262g/pr.

BRAKE INNER OUTER SET
(Code No. 60999926)

13 CANTILEVER BRAKE
Model: CT-XL00
(Code No. 62729941)
Specifications
- **Shoe adjustment range:** 22.5~27.5mm
- **Weight:** 170g

14 PEDAL
Model: PL-XL00
(Code No. 53159901)
Specifications
- **Thread:** BC 9/16"×20T (English)
- **Weight:** 395g/pr.

15 HEAD SET
Model: HS-ST00-J
(Code No. 50049901) JIS
Model: HS-ST00-I
(Code No. 50049911) English, Italian
Specifications
- **Type:** ATB
- **Ball size:** 5/32"×20pcs
- **Stack height:** 38.1mm
- **Weight:** 122g

	Type	Thread	Race Diameter: Upper Cone & Lower Cup	Race Diameter: Lower Cone
J	JIS	BC1"x24T	30.0mm	27.0mm
I	English & Italian		30.2mm	26.4mm



Shown here is a representative selection of this component.
The specifications of other products are also listed.

SUNTOUR X-1

Expert performance for sport touring riders



POWERFLO WISHBONE SHIFTER

X-PRESS POWERING

1 REAR DERAILLEUR
Model: RD-X101-GXB
(Code No. 24239921)
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Largest rear cog:** 30T (28mm dropout)
- **Total gear capacity:** 39T (Maximum chainring differential: 22T)
- **Weight:** 310g

2 FRONT DERAILLEUR
Model: FD-X100-GXH
(Code No. 29019811) Clamp-on/28.6mm
(Code No. 29019815) Clamp-on/31.8mm
(Code No. 29019813) Clamp-on/34.9mm
Specifications
- **Gear capacity:** 24T
- **Chainring differential:** 7~11T (Outer~Center)
- **Clamp diameter:** 1—1/8" (28.6mm) 1-1/4" (31.8mm) 1-3/8" (34.9mm)
- **Weight:** 109g/1-1/8" (28.6mm)

3 SHIFT LEVER (7-SPEED)
Model: SL-X102-R7
(Code No. 33429571) Right/Index
Model: SL-X102-L
(Code No. 33429701) Left/Power
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Clamp diameter:** 7/8" (22.2mm)
- **Weight:** 151g/pr.

4 WISHBONE SHIFTER (7-SPEED)
Model: SL-XP20-R7
(Code No. 33829571) Right/Index
Model: SL-XP20-L
(Code No. 33829701) Left/Power
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Clamp diameter:** 7/8" (22.2mm)
- **Weight:** 225g/pr.

5 X-PRESS CONTROL LEVER (7-SPEED)
Model: SL-XL10-R7
(Code No. 33289571) Right/Index
Model: SL-XL10-L
(Code No. 33289701) Left/Power
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Clamp diameter:** 7/8" (22.2mm)
- **Weight:** 341g/pr.

6 FRONT HUB
Model: HB-AT02-F
(Code No. 52979122) 32H/100mm
(Code No. 52979132) 36H/100mm
Quick release skewer
(Code No. 50249252)
Specifications
- **Weight:** 235g

7 FREEHUB (7-SPEED)
Model: FH-AT01-7
(Code No. 47759963) 32H/130mm
(Code No. 47759973) 36H/130mm
(Code No. 47759965) 32H/135mm
(Code No. 47759975) 36H/135mm
Quick release skewer
(Code No. 50249257) For 130mm
(Code No. 50249258) For 135mm
Specifications
- **Weight:** 398g (36H/135mm)

SUNTOUR FS-E



POWERFLO WISHBONE SHIFTER LITE OPERATION

X-PRESS POWERING

1 REAR DERAILLEUR
Model: RD-FE00-GXB
(Code No. 24259921)
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Largest rear cog:** 30T (28mm dropout)
- **Total gear capacity:** 39T (Maximum chainring differential: 22T)
- **Weight:** 280g

2 FRONT DERAILLEUR
Model: FD-FE00-GXH
(Code No. 29189911) Clamp-on/28.6mm
(Code No. 29189913) Clamp-on/31.8mm
(Code No. 29189915) Clamp-on/34.9mm
Specifications
- **Gear capacity:** 24T
- **Chainring differential:** 7~11T (Outer~Center)
- **Clamp diameter:** 1-1/8" (28.6mm) 1-1/4" (31.8mm) 1-3/8" (34.9mm)
- **Weight:** 115g/1-1/8" (28.6mm)

3 SHIFT LEVER (7-SPEED)
Model: SL-XM01-R7
(Code No. 33639571) Right/Index
Model: SL-XM01-L
(Code No. 33639701) Left/Power
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Clamp diameter:** 7/8" (22.2mm)
- **Weight:** 152g/pr.

4 WISHBONE SHIFTER (7-SPEED)
Model: SL-FE20-R7
(Code No. 33839571) Right/Index
Model: SL-FE20-L
(Code No. 33839701) Left/Power
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Clamp diameter:** 7/8" (22.2mm)
- **Weight:** 225g/pr.

5 X-PRESS CONTROL LEVER (7-SPEED)
Model: SL-XM10-R7
(Code No. 33619571) Right/Index
Model: SL-XM10-L
(Code No. 33619701) Left/Power
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Clamp diameter:** 7/8" (22.2mm)
- **Weight:** 335g/pr.

6 COMMAND SHIFTER
Model: SL-CD01-R7
(Code No. 32219911) Right/Index
Model: SL-CD01-L
(Code No. 32219921) Left/Power
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Mounting position:** Handlebar
- **Weight:** 185g

7 FRONT HUB
Model: HB-AT02-F
(Code No. 52979122) 32H/100mm
(Code No. 52979132) 36H/100mm
Quick release skewer
(Code No. 50249252)
Specifications
- **Weight:** 235g

8 FREEHUB (7-SPEED)
Model: FH-AT01-7
(Code No. 47759963) 32H/130mm
(Code No. 47759973) 36H/130mm
(Code No. 47759965) 32H/135mm
(Code No. 47759975) 36H/135mm
Quick release skewer
(Code No. 50249257) For 130mm
(Code No. 50249258) For 135mm
Specifications
- **Weight:** 398g (36H/135mm)

8 CASSETTE COGS (7-SPEED)
Model: CS-AP10-K7
(Code No. 47199702) (12T～28T)
(Code No. 47199703) (12T～30T)
Black
Specifications
- **ACCUSHIFT PLUS Compatible**
- **PowerFlo design compatible**
- **Standard gear ratio (Weight):**
12×14×16×18×21×24×28T (296g)
12×14×16×18×21×24×30T (306g)

9 REAR HUB
Model: HB-AT02-R
(Code No. 52979224) 32H/130mm
(Code No. 52979234) 36H/130mm
(Code No. 52979226) 32H/135mm
(Code No. 52979236) 36H/135mm
Quick release skewer
(Code No. 50249257) For 130mm
(Code No. 50249258) For 135mm
Specifications
- **Thread:** BC 1.37"×24T (English)
- **"D" dimension:** 37mm
- **Weight:** 326g (36H/135mm)

10 FREEWHEEL (7-SPEED)
Model: FW-AL10-K7
(Code No. 15079703)
Black
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Thread:** BC 1.37"×24T (English)
- **Compatible "D" dimension:** 37mm
- **Standard gear ratio (Weight):**
13×15×17×19×21×24×28T (483g)
13×15×17×20×23×26×30T (514g)

11 CAHIN
Model: CH-AP15
(Code No. 50560116)
Black & Black
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Size:** 1/2"×3/32"
- **Pin width:** 7.3mm
- **Weight:** 325g (116 Links)

12 CRANK SET
Model: CW-X101
(Code No. 51409812)
46T×36T×24T/L=170.0mm
(Code No. 51409822)
46T×36T×24T/L=175.0mm
Specifications
- **Features:** PoweRing (46×36×24T, 48×38×28T)
- **Taper size:** VX
- **Bolt circle diameter:** 110mm (Outer & Middle)
74mm (Inner)
- **Available chainrings:**
46T×36T×24T, 48T×38T×28T
- **Thread:** BC 9/16"×20T (English)
- **Weight:** 730g (48T×38T×28T/170.0mm)

13 BOTTOM BRACKET
Model: BB-X101-E
(Code No. 51049921) English
Model: BB-X101-I
(Code No. 51049923) Italian
Specifications
- **Ball size:** 1/4"×9pcs (w/bearing retainer)
- **Taper size:** VX
- **Thread:** BC 1.37"×24T (English)
36×24T (Italian)
- **B.B.Width:** 68, 70mm
- **Weight:** 361g

14 BRAKE LEVER <Dia-compe>
Model: BL-X101-S
(Code No. 60369901)
2-Finger type
Specifications
- **Reach adjustment range:**
23mm
- **Clamp diameter:** 22.2mm
- **Weight:** 266g/pr.

15 CANTILEVER BRAKE <Dia-compe>
Model: CT-X101
(Code No. 62249921)
Specifications
- **Shoe adjustment range:** 20～30mm
- **Weight:** 168g/pr.

9 CASSETTE COGS (7-SPEED)
Model: CS-AP10-K7
(Code No. 47199702) 12T～28T
(Code No. 47199703) 12T～30T
Black
Specifications
- **ACCUSHIFT PLUS Compatible**
- **PowerFlo design compatible**
- **Standard gear ratio (Weight):**
12×14×16×18×21×24×28T (296g)
12×14×16×18×21×24×30T (306g)

10 CHAIN
Model: CH-AP15
(Code No. 50560116)
Black & Black
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Size:** 1/2"×3/32"
- **Pin width:** 7.3mm
- **Weight:** 325g (116 Links)

11 CRANK SET
Model: CW-FS00-S
(Code No. 48719158)
50T×40T×28T/L=170.0mm
(Code No. 48719178)
50T×40T×28T/L=175.0mm
Specifications
- **Features:** PoweRing
- **Taper size:** VX
- **Bolt circle diameter:** 110mm (Outer & Middle)
74mm (Inner)
- **Available chainrings:** 50T×40T×28T
- **Thread:** BC 9/16"×20T (English)
- **Weight:** 960g (50T×40T×28T/170.0mm)

11 CRANK SET
Model: CW-FS00-N
(Code No. 48719132)
52T×42T×32T/L=165.0mm
(Code No. 48719152)
52T×42T×32T/L=170.0mm
(Code No. 48719172)
52T×42T×32T/L=175.0mm
Specifications
- **Features:** PoweRing
- **Taper size:** VX
- **Bolt circle diameter:** 130mm (Outer & Middle)
74mm (Inner)
- **Available chainrings:** 52T×42T×32T
- **Thread:** BC 9/16"×20T (English)
- **Weight:** 760g (52T×42T×32T/170.0mm)

12 BOTTOM BRACKET
Model: BB-X101-E
(Code No. 51049921) English
Model: BB-X101-I
(Code No. 51049923) Italian

13 BRAKE LEVER <Dia-compe>
Model: BL-FE00-N
(Code No. 60439901)

14 BRAKE LEVER <Dia-compe>
Model: BL-FE10-N
(Code No. 60439921)

15 CANTILEVER BRAKE <Dia-compe>
Model: CT-FE00
(Code No. 62819901)

16 BRAKE CALIPER <Dia-compe>
Model: BA-FE00
F (Code No. 62429901)
Front/Recessed
R (Code No. 62429903)
Rear/Recessed



SUNTOUR XCE



POWERFLO WISHBONE SHIFTER

X-PRESS POWERING

1 REAR DERAILLEUR
Model: RD-XE01-GXB
(Code No. 24289921)

2 FRONT DERAILLEUR
Model: FD-XE01-GXH
(Code No. 29869911)
Clamp-on/28.6mm
(Code No. 29869913)
Clamp-on/31.8mm
(Code No. 29869915)
Clamp-on/34.9mm

3 SHIFT LEVER (7-SPEED)
Model: SL-X102-R7
(Code No. 33429571)
Right/Index
Model: SL-X102-L
(Code No. 33429701)
Left/Power

4 WISHBONE SHIFTER (7-SPEED)
Model: SL-XP20-R7
(Code No. 33829571)
Right/Index
Model: SL-XP20-L
(Code No. 33829701)
Left/Power

5 X-PRESS CONTROL LEVER (7-SPEED)
Model: SL-XL10-R7
(Code No. 33289571)
Right/Index
Model: SL-XL10-L
(Code No. 33289701)
Left/Power

6 FRONT HUB
Model: HB-AT02-F
(Code No. 52979122) 32H/100mm
(Code No. 52979132) 36H/100mm
Quick release skewer
(Code No. 50249252)

7 FREEHUB (7-SPEED)
Model: FH-AT01-7
(Code No. 47759963) 32H/130mm
(Code No. 47759973) 36H/130mm
(Code No. 47759965) 32H/135mm
(Code No. 47759975) 36H/135mm
Quick release skewer
(Code No. 50249257) For 130mm
(Code No. 50249258) For 135mm

8 CASSETTE COGS (7-SPEED)
Model: CS-AP10-K7
(Code No. 47199702) (12～28T)
(Code No. 47199703) (12～30T)
Black

9 REAR HUB
Model: HB-AT02-R
(Code No. 52979224) 32H/130mm
(Code No. 52979234) 36H/130mm
(Code No. 52979226) 32H/135mm
(Code No. 52979236) 36H/135mm
Quick release skewer
(Code No. 50249257) For 130mm
(Code No. 50249258) For 135mm

10 FREEWHEEL (7-SPEED)
Model: FW-AL10-K7
(Code No. 15079703)

11 CHAIN
Model: CH-AP21
(Code No. 50710116)

12 CRANKSET
Model: CW-XE01
(Code No. 51689755)
48T×38T×28T/L=170.0mm
(Code No. 51689759)
48T×38T×28T/L=175.0mm

13 BOTTOM BRACKET
Model: BB-X101-E
(Code No. 51049921) English
Model: BB-X101-I
(Code No. 51049923) Italian

14 CANTILEVER BRAKE <Dia-compe>
Model: CT-XE01
(Code No. 62769921)

15 BRAKE LEVER <Dia-compe>
Model: BL-XE01-S
(Code No. 60379901)
2-Finger type
Model: BL-XE01-N
(Code No. 60379911)
4-Finger type

Shown here is a representative selection of this component.
The specifications of other products are also listed.

SUNTOUR XCM



POWERFLO
WISHBONE SHIFTER
LITE OPERATION
X-PRESS
POWERING

1 REAR DERAILLEUR
Model: RD-XM02-GXB
(Code No. 24309921)

2 FRONT DERAILLEUR
Model: FD-XM02-GXH
(Code No. 29199911)
Clamp-on/28.6mm
(Code No. 29199913)
Clamp-on/31.8mm
(Code No. 29199915)
Clamp-on/34.9mm

3 SHIFT LEVER (7-SPEED)
Model: SL-XM01-R7
(Code No. 33639571)
Right/Index
Model: SL-XM01-L
(Code No. 33639701)
Left/Power

4 X-PRESS CONTROL LEVER (7-SPEED)
Model: SL-XM10-R7
(Code No. 33619571)
Right/Index
Model: SL-XM10-L
(Code No. 33619701)
Left/Power

5 WISHBONE SHIFTER (7-SPEED)
Model: SL-XM20-R7
(Code No. 33849571)
Right/Index
Model: SL-XM20-L
(Code No. 33849701)
Left/Power

6 FRONT HUB
Model: HB-AT02-F
(Code No. 52979122) 32H/100mm
(Code No. 52979132) 36H/100mm
Quick release skewer
(Code No. 50249252)

7 REAR HUB
Model: HB-AT02-R
(Code No. 52979224) 32H/130mm
(Code No. 52979234) 36H/130mm
(Code No. 52979226) 32H/135mm
(Code No. 52979236) 36H/135mm
Quick release skewer
(Code No. 50249257) For 130mm
(Code No. 50249258) For 135mm

8 FREEWHEEL (7-SPEED)
Model: FW-AL10-K7
(Code No. 15079703)

9 FREEHUB (7-SPEED)
Model: FH-AT01-7
(Code No. 47759963) 32H/130mm
(Code No. 47759973) 36H/130mm
(Code No. 47759965) 32H/135mm
(Code No. 47759975) 36H/135mm
Quick release skewer
(Code No. 50249257) For 130mm
(Code No. 50249258) For 135mm

10 CASSETTE COGS (7-SPEED)
Model: CS-AP10-K7
(Code No. 47199702) (12～28T)
(Code No. 47199703) (12～30T)

11 CHAIN
Model: CH-AP21
(Code No. 50710116)

12 CRANKSET
Model: CW-XM01
(Code No. 51709755)
48T×38T×28T/L=170.0mm
(Code No. 51709759)
48T×38T×28T/L=175.0mm
*50T×40T×28T Available

13 BOTTOM BRACKET
Model: BB-X101-E
(Code No. 51049921) English
Model: BB-X101-I
(Code No. 51049923) I

14 BRAKE LEVER
〈Dia-compe〉
Model: BL-XM01-N
(Code No. 60389901)
4-Finger type

15 CANTILEVER BRAKE
〈Dia-compe〉
Model: CT-XM01
(Code No. 62779921)

16 CALIPER BRAKE
〈Dia-compe〉
Model: BA-XM00
F (Code No. 62439901)
R (Code No. 62439903)

SUNTOUR XCT



WISHBONE SHIFTER
LITE OPERATION
X-PRESS
POWERING

1 REAR DERAILLEUR
Model: RD-XT02-GXB
(Code No. 24359921)
WO/Bracket
Model: RD-XT02-GXZ
(Code No. 24359901)
W/Bracket

2 FRONT DERAILLEUR
Model: FD-XT02-GXH
(Code No. 29219911)
Clamp-on/28.6mm
(Code No. 29219913)
Clamp-on/31.8mm

3 SHIFT LEVER (7-SPEED)
Model: SL-XM01-R7
(Code No. 33639571)
Right/Index
Model: SL-XM01-L
(Code No. 33639701)
Left/Power

4 WISHBONE SHIFTER (7-SPEED)
Model: SL-XM20-R7
(Code No. 33849571)
Right/Index
Model: SL-XM20-L
(Code No. 33849701)
Left/Power

5 X-PRESS CONTROL LEVER (7-SPEED)
Model: SL-XM10-R7
(Code No. 33619571)
Right/Index
Model: SL-XM10-L
(Code No. 33619701)
Left/Power

6 FRONT HUB
Model: HB-AT02-F
(Code No. 52979122) 32H/100mm
(Code No. 52979132) 36H/100mm
Quick release skewer
(Code No. 50249252)

7 REAR HUB
Model: HB-AT02-R
(Code No. 52979224) 32H/130mm
(Code No. 52979234) 36H/130mm
(Code No. 52979226) 32H/135mm
(Code No. 52979236) 36H/135mm
Quick release skewer
(Code No. 50249257) For 130mm
(Code No. 50249258) For 135mm

8 FREEWHEEL (7-SPEED)
Model: FW-AL10-K7
(Code No. 15079703)

9 CHAIN
Model: CH-AP20
(Code No. 50690116)

10 CRANKSET 〈SR〉
Model: CW-XT01
(Code No. 51569821)
48T×38T×28T/L=165.0mm
(Code No. 51569825)
48T×38T×28T/L=170.0mm
(Code No. 51569829)
48T×38T×28T/L=175.0mm

10 CRANKSET 〈SR〉
Model: CW-XT02
(Code No. 51489958)
48T×38T×28T/L=170.0mm
(Code No. 51489978)
48T×38T×28T/L=175.0mm
*50T×40T×28T Available

11 BOTTOM BRACKET 〈SR〉
Model: BB-XT00-E
(Code No. 51079921) English

12 CANTILEVER BRAKE 〈Dia-compe〉
Model: CT-XT01
(Code No. 62789921)

13 CALIPER BRAKE
〈Dia-compe〉
Model: BA-XM00
F (Code No. 62439901)
R (Code No. 62439903)

14 BRAKE LEVER
〈Dia-compe〉
Model: BL-XT01-N
(Code No. 60399901)
4-Finger type

SUNTOUR XCLT



WISHBONE SHIFTER
LITE OPERATION
X-PRESS
POWERING

1 REAR DERAILLEUR
Model: RD-XU01-GXB
(Code No. 82259911)
WO/Bracket
Model: RD-XU01-GXZ
(Code No. 82259901)
W/Bracket

2 FRONT DERAILLEUR
Model: FD-XU00-GXH
(Code No. 82889911)
Clamp-on/28.6mm

3 SHIFT LEVER (7-SPEED)
Model: SL-XU01-R7
(Code No. 83139011)
Right/Index
Model: SL-XU01-L
(Code No. 83139021)
Left

4 X-PRESS CONTROL LEVER (7-SPEED)
Model: SL-XM10-R7
(Code No. 33619571)
Right/Index
Model: SL-XM10-L
(Code No. 33619701)
Left/Power

5 WISHBONE SHIFTER (7-SPEED)
Model: SL-XU20-R7
(Code No. 83219011)
Right/Index
Model: SL-XU20-L
(Code No. 83219021)
Left/Power

6 FREEWHEEL (7-SPEED)
Model: FW-AL10-K7
(Code No. 15079703)

7 CHAIN
Model: CH-AP20
(Code No. 50690116)

8 CRANKSET 〈SR〉
Model: CW-XU00
(Code No. 51419921)
48T×38T×28T/L=165.0mm
(Code No. 51419929)
48T×38T×28T/L=170.0mm
(Code No. 51419937)
48T×38T×28T/L=175.0mm

9 BOTTOM BRACKET 〈SR〉
Model: BB-XT00-E
(Code No. 51079921) English

10 CANTILEVER BRAKE 〈Dia-compe〉
Model: CT-XU00
(Code No. 62799901)

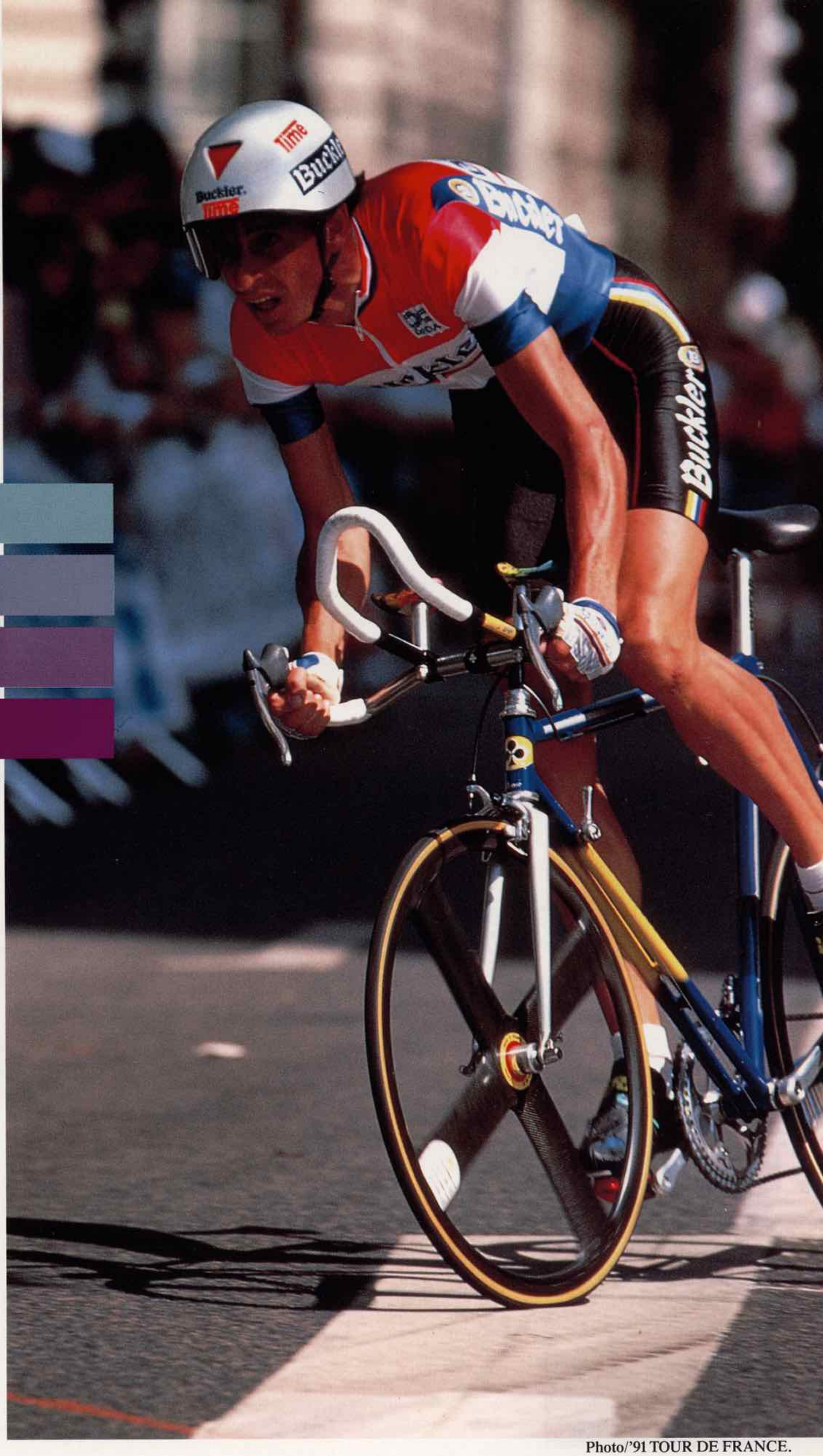
11 BRAKE LEVER 〈Dia-compe〉
Model: BL-XU00-N
(Code No. 60409901)
4-Finger type

Shown here is a representative selection of this component.
The specifications of other products are also listed.

ROAD

<COMPONENTS>

SUPERBE PRO
SL
RADIUS
EDGE
BLAZE
VX
RT



Photo/'91 TOUR DE FRANCE.

SUNTOUR SUPERBE PRO

Representing SUNTOUR's commitment to perfection

The finest materials and precision manufacturing processes, combined with state-of-the-art component technology has enabled SUNTOUR to produce Superbe Pro with professional road racers in mind. From cartridge bearings to cold forgings, Superbe Pro is recognized by professional riders and mechanics the world over for its excellence.

CARTRIDGE BEARING



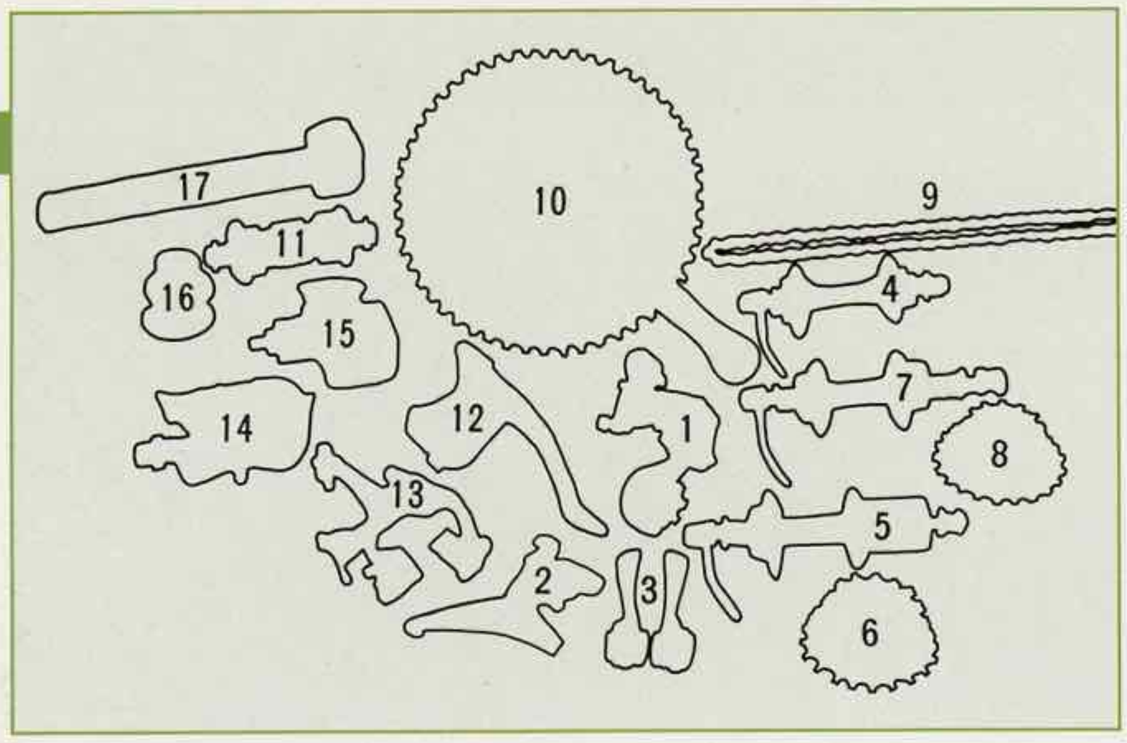
CASSETTE COGS(8Speed)





1 REAR DERAILLEUR
Model: RD-SB00-SSB
(Code No. 25009921)
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Largest rear cog:** 26T (24mm dropout)
- **Total gear capacity:** 26T (Maximum chainring differential: 13T)
- **Weight:** 194g

2 FRONT DERAILLEUR
Model: FD-SB00-SSH
(Code No. 29269901)
Clamp-on/28.6mm
(Code No. 29269913)
Clamp-on/31.8mm
Model: FD-SB00-SSB
(Code No. 29269921)
Braze-on
Specifications
- **Gear capacity:** 16T
- **Clamp diameter:** 1-1/8" (28.6mm) 1-1/4" (31.8mm)
- **Weight:** 92g (Braze-on)



3 SHIFT LEVER (8 & 7-SPEED)
Model: SL-SB02-B
(Code No. 32239851)
Braze-on
Model: SL-SB02-BF
(Code No. 32239852)
Braze-on/Aluminum frame
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Clamp diameter:** 1-1/8" (28.6mm)
- **Weight:** 89g (Braze-on)

	Inner Cable		Outer Casing	
Standard	Type	Length	Type	Length
Right (Rear)	029	1,300mm	543	280mm
Left (Front)	029	800mm	543	—

4 FRONT HUB
Model: HB-SB00-F
(Code No. 52359201) 28H/100mm
(Code No. 52359205) 32H/100mm
(Code No. 52359209) 36H/100mm
Quick release skewer
(Code No. 50229125)
Specifications
- **Weight:** 240g (36H/100mm)

5 FREEHUB (8-SPEED)
Model: FH-SB00-8
(Code No. 47559963) 28H/130mm
(Code No. 47559973) 32H/130mm
(Code No. 47559983) 36H/130mm
Quick release skewer
(Code No. 50229130) For 130mm
Specifications
- **Weight:** 476g (36H/130mm)

5 FREEHUB (7-SPEED)
Model: FH-SB00-7
(Code No. 47559931) 28H/126mm
(Code No. 47559941) 32H/126mm
(Code No. 47559951) 36H/126mm
(Code No. 47559933) 28H/130mm
(Code No. 47559943) 32H/130mm
(Code No. 47559953) 36H/130mm
Quick release skewer
(Code No. 50229128) For 126mm
(Code No. 50229130) For 130mm
Specifications
- **Weight:** 458g (36H/126mm)

6 CASSETTE COGS (8-SPEED)
Model: CS-AP00-S8
(Code No. 47189803) (12~23T)
(Code No. 47189813) (13T~24T)
Silver
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Standard gear ratio (Weight):**
12×13×14×15×17×19×21×23T (265g)
13×14×15×16×18×20×22×24T (296g)

6 CASSETTE COGS (7-SPEED)
Model: CS-AP00-S7
(Code No. 47179802) Top/12T
(Code No. 47179803) Top/13T
Silver
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Standard gear ratio (Weight):**
13×14×15×17×19×21×24T (257g)
12×13×14×15×17×19×21T (220g)

7 REAR HUB
Model: HB-SB00-R
(Code No. 52359235) 28H/126mm
(Code No. 52359243) 32H/126mm
(Code No. 52359251) 36H/126mm
(Code No. 52359260) 28H/130mm
(Code No. 52359261) 32H/130mm
(Code No. 52359257) 36H/130mm
Quick release skewer
(Code No. 50229128) For 126mm
(Code No. 50229130) For 130mm
Specifications
- **Thread:** BC 1.37"×24T
- **"D" dimension:** 37mm (126mm, 130mm)
- **Weight:** 297g (36H/126mm)

8 FREEWHEEL (7-SPEED)
Model: FW-WT10-S7
(Code No. 17079802) Top/12T
(Code No. 17079803) Top/13T
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Thread:** BC 1.37"×24T
- **Compatible "D" dimension:** 37mm
- **Standard gear ratio (Weight):**
13×14×15×17×19×21×24T (422g)

9 CHAIN
Model: CH-AP01
(Code No. 50540116)
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Hardening Treatment Pin**
- **Size:** 1/2"×3/32"
- **Pin width:** 7.3mm
- **Weight:** 325g (116 Links)

10 CRANKSET
Model: CW-SB10
(Code No. 51449901)
52T×42T/L=165.0mm
(Code No. 51449905)
52T×42T/L=167.5mm
(Code No. 51449909)
52T×42T/L=170.0mm
(Code No. 51449913)
52T×42T/L=172.5mm
(Code No. 51449917)
52T×42T/L=175.0mm
Specifications
- **Taper size:** SUPERBE
- **Bolt circle diameter:** 130mm
- **Available chainrings:** 38~43T, 48~53T
- **Thread:** BC 9/16"×20T
- **Weight:** 680g (52T×42T/170.0mm)

11 BOTTOM BRACKET
Model: BB-SB11-E
(Code No. 51799961) English
Model: BB-SB11-I
(Code No. 51799963) Italian
Specifications
- **Ball size:** 1/4"×11pcs
- **Taper size:** SUPERBE
- **Thread:** BC 1.37"×24T (English)
36×24T (Italian)
- **B.B.Width:** 68mm, 70mm
- **Weight:** 309g

11 BOTTOM BRACKET (Microlite)
Model: BB-SB20-E
(Code No. 51099901) English
Model: BB-SB20-I
(Code No. 51099903) Italian
Specifications
- **Features:** WTB/SUNTOUR Grease Guard System
- **Taper size:** SUPERBE
- **Thread:** BC 1.37"×24T (English)
36×24T (Italian)
- **B.B.Width:** 68mm, 70mm
- **Weight:** 265g

12 BRAKE LEVER
Model: BL-SB11
(Code No. 60019921)
Specifications
- **Features:** Balanced Response System
- **Clamp Diameter:** 23.8~24.2mm
- **Weight:** 236g/pr.

BRAKE INNER OUTER SET
(Code No. 60999951)

13 BRAKE CALIPER
Model: BA-SB01-S
F (Code No. 61999051)
Front/Recessed
R (Code No. 61999052)
Rear/Recessed
Specifications
- **Shoe adjustment range:** 39~49mm
- **Mounting:** Recessed
- **Weight:** 362g/pr.

14 PEDAL
Model: PL-SB00
(Code No. 53279931)
Specifications
- **Thread:** BC9/16"×20T (English)
- **Weight:** 290g/pr.

15 PEDAL
Model: PL-TM00
(Code No. 53109901)
Specifications
- **Features:** Clipless mechanism
- **Type:** Road
- **Thread:** BC 9/16"×20T (English)
- **Weight:** 476g/pr.

16 HEAD SET
Model: HS-SB00-J
(Code No. 50149901) JIS
Model: HS-SB00-I
(Code No. 50149913) English, Italian
Specifications
- **Type:** Road & Track
- **Ball size:** 5/32"×22pcs (W/Bearing retainer)
- **Stack height:** 37mm
- **Weight:** 119g

			Race Diameter	
	Type	Thread	Upper Cone & Lower Cup	Lower Cone
J	JIS	BC1"x24T	30.0mm	27.0mm
I	English & Italian		30.2mm	26.4mm

17 SEAT POST
Model: SP-SB00-S
(Code No. 53629662) 26.8mm/L=200mm
(Code No. 53629668) 27.0mm/L=200mm
(Code No. 53629672) 27.2mm/L=200mm
Model: SP-SB00-L
(Code No. 53629666) 26.8mm/L=250mm
(Code No. 53629671) 27.0mm/L=250mm
(Code No. 53629677) 27.2mm/L=250mm
Specifications
- **Diameter:** 25.0mm, 26.8mm, 27.0mm, 27.2mm
- **Saddle angle adjustment range:** 22-degree
- **Saddle rail diameter:** 7~8mm
- **Weight:** 250g (26.8mm/L=200mm)

SUPERBE PRO TRACK



Favored by top track riders around the world, Superbe Pro track components over time have become the standard by which all others are judged.



1 CRANKSET
Model: CW-6000
(Code No. 51479901) 49T/L=165mm
Specifications
- **Taper size:** SUPERBE
- **Bolt circle diameter:** 144mm
- **Available chainrings:** 44T~54T
- **Thread:** BC 1.37×24T (English)
- **Weight:** 625g (49T/L=165mm)

2 PEDAL
Model: PL-2000
(Code No. 53289931)
Specifications
- **Thread:** BC 9/16"×20T (English)
- **Weight:** 278g/pr.

3 HUB
Model: BH-1600
(Code No. 52369439)
Front, 32H/100mm
(Code No. 52369425)
Front, 28H/100mm
(Code No. 52369465)
Rear, 32H/120mm
(Code No. 522369461)
Rear, 28H/120mm
Model: BH-1800
(Code No. 52369275)
Front, 36H/100mm
(Code No. 52369571)
Rear, 36H/120mm
Specifications
- **Thread:** BC 1.37"×24T (English)
- **Weight:** 545g/pr.

4 TRACK COG
Model: HC-100
(Code No. 11720102) 12T, 1/8"
(Code No. 11720112) 12T, 3/32"
(Code No. 11730102) 13T, 1/8"
(Code No. 11730112) 13T, 3/32"
(Code No. 11740102) 14T, 1/8"
(Code No. 11740112) 14T, 3/32"
(Code No. 11750102) 15T, 1/8"
(Code No. 11750112) 15T, 3/32"
(Code No. 11760102) 16T, 1/8"
(Code No. 11760112) 16T, 3/32"
(Code No. 11770102) 17T, 1/8"
(Code No. 11770112) 17T, 3/32"
Specifications
- **Compatible chain:** 1/2"×1/8"
1/2"×3/32"
- **Weight:** 41g (14T)

TRACK LOCK RING
Model: HC-900
(Code No. 11727202) For 12T only
(Code No. 11737202) For 13T~17T
Specifications
- **Weight:** 21g (12T)

Clipless pedal available on complete bicycles from bicycle manufacturers and custom builder only.

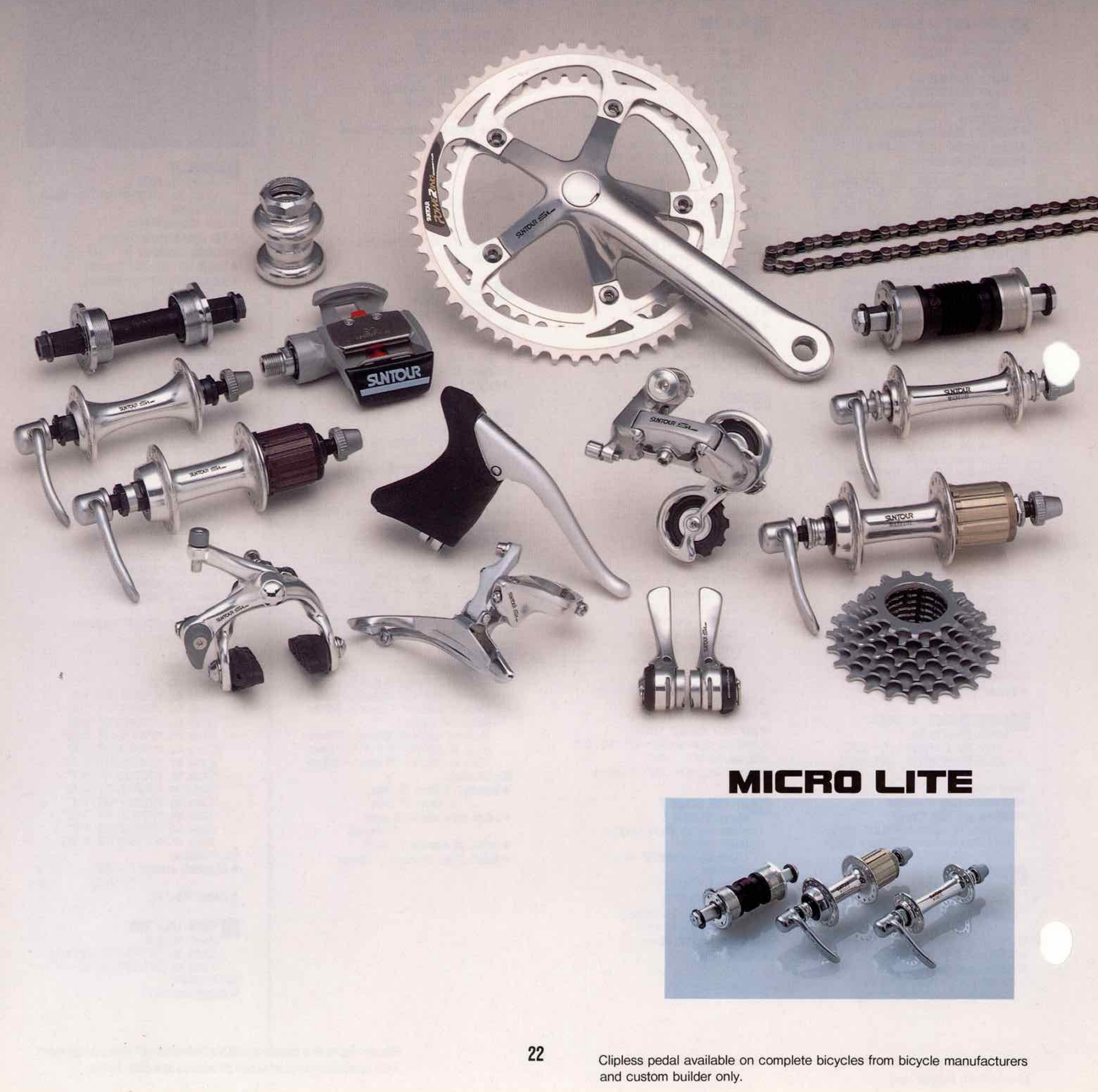
Shown here is a representative selection of this component. The specifications of other products are also listed.

SUNTOUR SL

An evolution of low weight and high performance

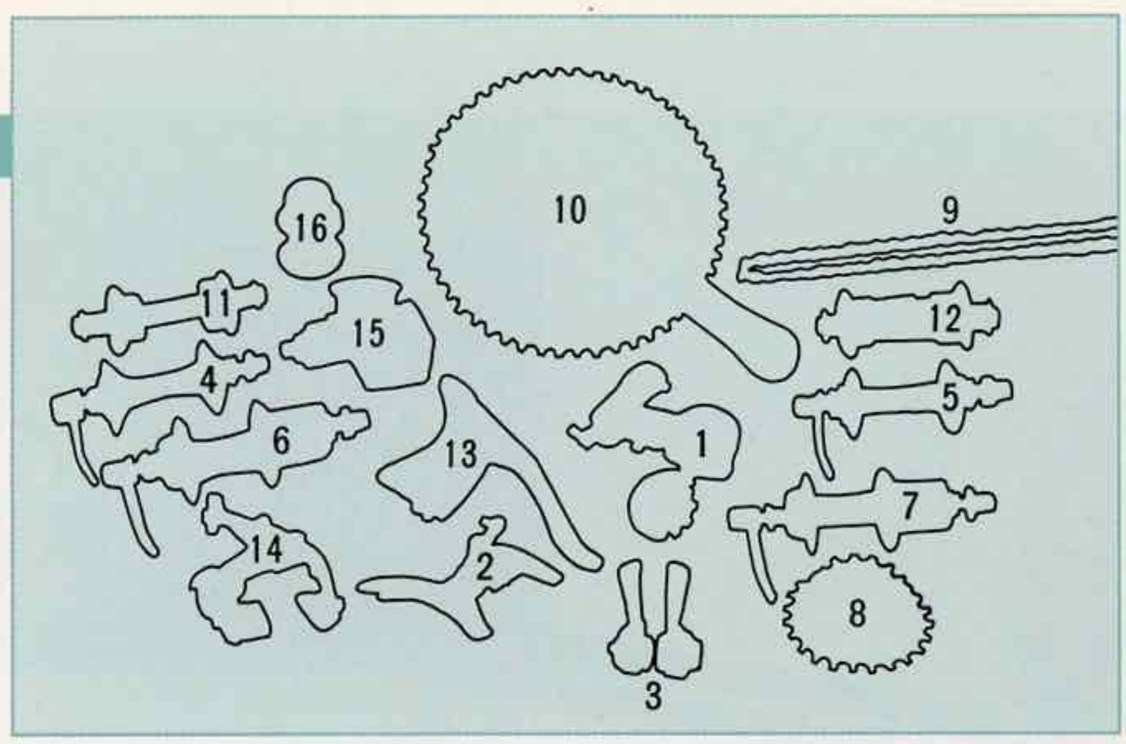
Designed for use where light-weight and high performance are critical, SL components are the choice of road racers and triathletes alike. Built with the demands of racing in mind, SL components offer compact size and a clean appearance.

POWERING



MICRO LITE

Clipless pedal available on complete bicycles from bicycle manufacturers and custom builder only.





1 REAR DERAILLEUR
Model: RD-SL00-SSB
(Code No. 23769921)
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Largest rear Cog:** 24T (24mm dropout)
- **Total gear capacity:** 24T (Maximum chainring differential; 10T)
- **Weight:** 191g

2 FRONT DERAILLEUR
Model: FD-SL00-SSH
(Code No. 29939911)
Clamp-on/28.6mm
(Code No. 29939913)
Clamp-on/31.8mm
Model: FD-SL00-SSB
(Code No. 29939921)
Braze-on
Specifications
- **Gear capacity:** 16T
- **Clamp diameter:** 1-1/8" (28.6mm) 1-1/4" (31.8mm)
- **Weight:** 99g (Clamp-on) 96g (Braze-on)

3 SHIFT LEVER (7 & 6-SPEED)
Model: SL-SL00-B
(Code No. 32289841)
Braze-on
Model: SL-SL00-BF
(Code No. 32289842)
Braze-on/Aluminum frame
Model: SL-SL00-C
(Code No. 32289941)
Clamp-on
Specifications
- **Clamp diameter:** 1-1/8" (28.6mm)
- **Weight:** 85g (Braze-on) 101g (Clamp-on)

	Inner Cable		Outer Casing	
Standard	Type	Length	Type	Length
Right (Rear)	029	1,300mm	771	280mm
Left (Front)	029	800mm	771	—

4 FRONT HUB
Model: HB-SL01-F
(Code No. 52629121) 32H/100mm
(Code No. 52629131) 36H/100mm
Quick release skewer
(Code No. 50249222)
Specifications
- **Weight:** 221g (36H/100mm)

5 FRONT HUB (Microlite)
Model: HB-SL10-F
(Code No. 52909111) 24H/100mm
(Code No. 52909116) 28H/100mm
(Code No. 52909121) 32H/100mm
Quick release skewer
(Code No. 50249222) For 100mm
Specifications
- **Weight:** 180g (32H/100mm)

6 FREEHUB (7-SPEED)
Model: FH-SL01-7
(Code No. 47599941) 32H/126mm
(Code No. 47599951) 36H/126mm
(Code No. 47599943) 32H/130mm
(Code No. 47599953) 36H/130mm
Quick release skewer
(Code No. 50249226) For 126mm
(Code No. 50249227) For 130mm
Specifications
- **Weight:** 470g (36H/126mm)

7 FREEHUB (Microlite) (7-SPEED)
Model: FH-SL10-7
(Code No. 47609931) 28H/126mm
(Code No. 47609941) 32H/126mm
(Code No. 47609933) 28H/130mm
(Code No. 47699943) 32H/130mm
Quick release skewer
(Code No. 50249226) For 126mm
(Code No. 50249227) For 130mm
Specifications
- **Weight:** 412g (32H/126mm)

8 CASSETTE COGS (7-SPEED)
Model: CS-AP00-S7
(Code No. 47179802) Top/12T
(Code No. 47179803) Top/13T
Silver
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Standard gear ratio (Weight):** 13×14×15×17×19×21×24T (257g)

9 CHAIN
Model: CH-AP11
(Code No. 50550116)
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Size:** 1/2"×3/32"
- **Pin width:** 7.3mm
- **Weight:** 325g (116 Links)

10 CRANKSET
Model: CW-SL00
(Code No. 51439921)
52T×42T/L=165.0mm
(Code No. 51439929)
52T×42T/L=170.0mm
(Code No. 51439937)
52T×42T/L=175.0mm
Specifications
- **Features:** PoweRing (52T×42T only)
- **Taper size:** VX
- **Bolt circle diameter:** 130mm
- **Available chainrings:** 53T, 52T, 42T, 39T
- **Thread:** BC 9/16"×20T
- **Weight:** 686g (52T×42T/L=170.0mm)

11 BOTTOM BRACKET
Model: BB-SL00-E
(Code No. 51129901) English
Model: BB-SL00-I
(Code No. 51129903) Italian
Specifications
- **Ball size:** 1/4"×9pcs (W/bearing retainer)
- **Taper size:** VX
- **Thread:** BC 1.37"×24T (English) 36×24T (Italian)
- **B.B.Width:** 68mm, 70mm
- **Weight:** 329g

12 BOTTOM BRACKET (Microlite)
Model: BB-SL10-E
(Code No. 51109901) English
Model: BB-SL10-I
(Code No. 51109904) Italian
Specifications
- **Features:** WTB/SUNTOUR Grease Guard System
- **Taper size:** VX
- **Thread:** BC 1.37"×24T (English) 36×24T (Italian)
- **B.B.Width:** 68mm
- **Weight:** 270g

13 BRAKE LEVER
Model: BL-SL00
(Code No. 60059905)
Specifications
- **Clamp Diameter:** 23.8～24.2mm
- **Weight:** 260g/pr.

BRAKE INNER OUTER SET
(Code No. 60999951)

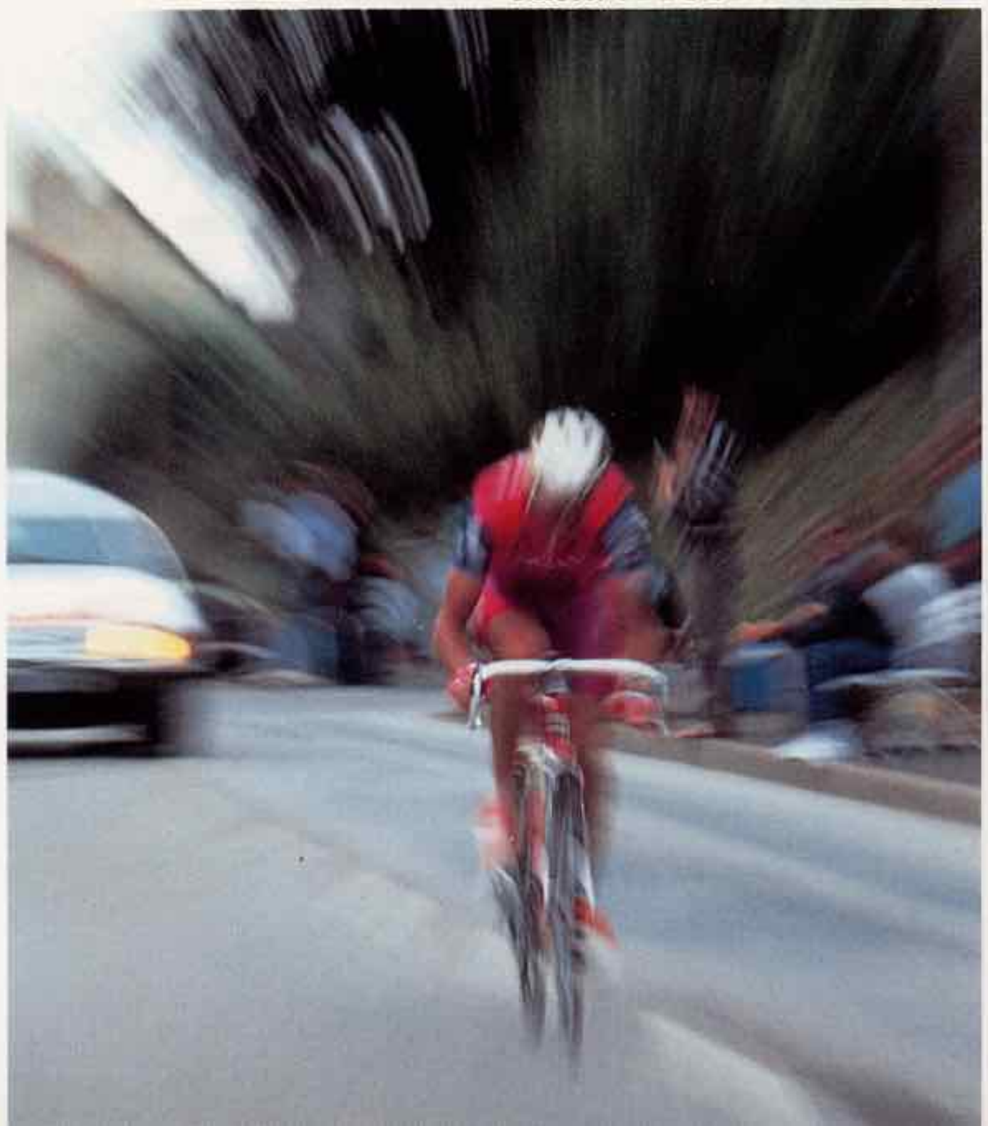
14 BRAKE CALIPER
Model: BA-SL00-S
F (Code No. 62199901) Front/Recessed
R (Code No. 62199903) Rear/Recessed
Specifications
- **Shoe adjustment range:** 39～49mm
- **Mounting:** Recessed
- **Weight:** 290g/pr.

15 PEDAL
Model: PL-TM00
(Code No. 53109901)
Specifications
- **Features:** Clipless mechanism
- **Type:** Road
- **Thread:** BC9/16"×20T (English)
- **Weight:** 476g/pr.

16 HEAD SET
Model: HS-ST00-J
(Code No. 50049901) JIS
Model: HS-ST00-I
(Code No. 50049911) English, Italian
Specifications
- **Type:** Road
- **Ball size:** 5/32"×20pcs (w/Bearing retainer)
- **Stack height:** 38.1mm
- **Weight:** 122g

	Type	Thread	Race Diameter: Upper Cone & Lower Cup	Race Diameter: Lower Cone
J	JIS	BC1"x24T	30.0mm	27.0mm
I	English & Italian		30.2mm	26.4mm

Photo/'91 TOUR DE FRANCE.



Shown here is a representative selection of this component.
The specifications of other products are also listed.

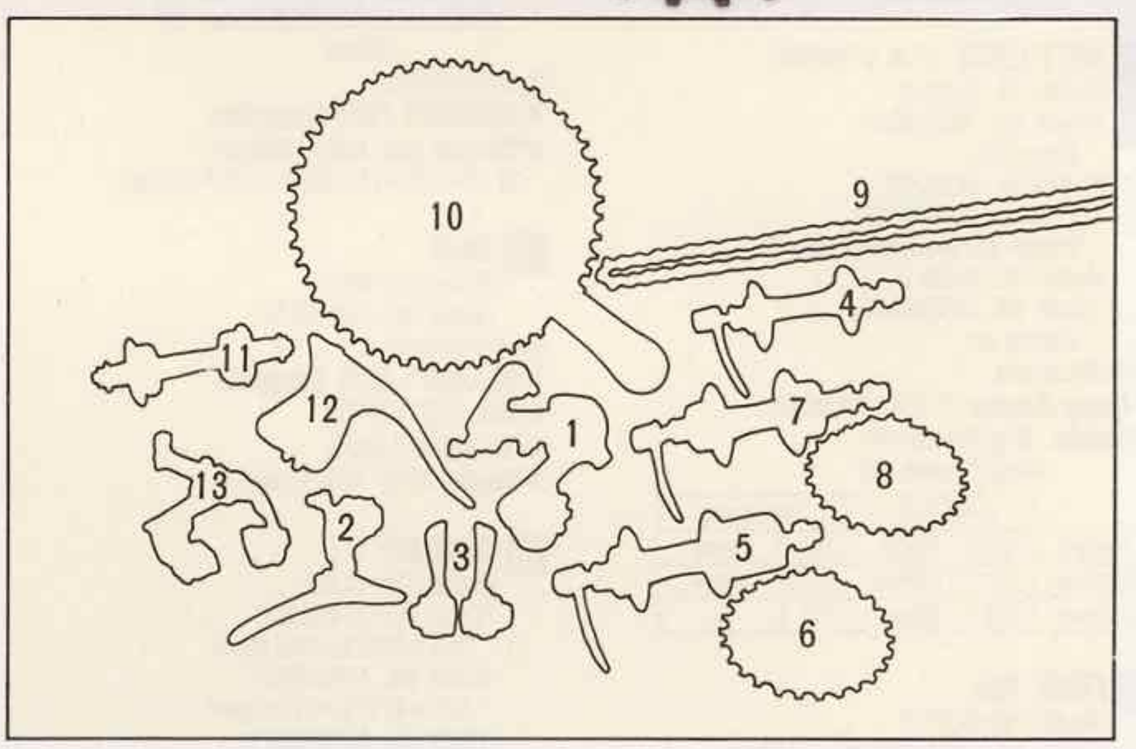
SUNTOUR RADIUS

Streamlined performance

Utilizing the same standards as other SUNTOUR components, Radius is both light in weight and functional. A sleek, clean appearance combined with versatility makes these components ideal entry-level racers and sport riders.

POWERING





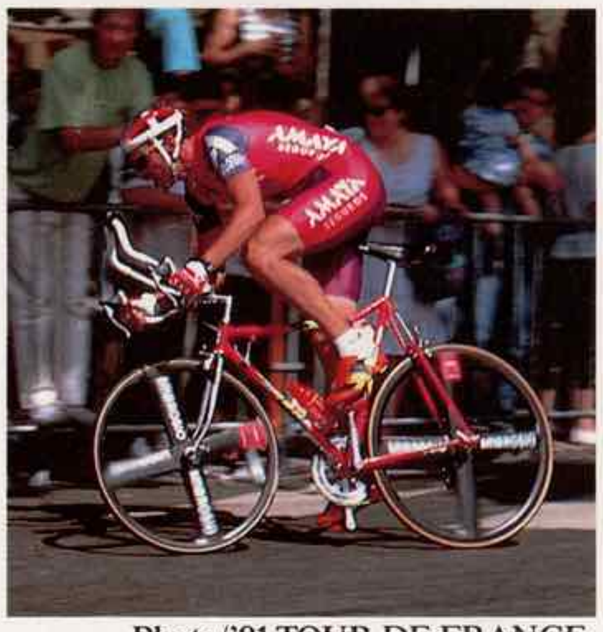
1 REAR DERAILLEUR
Model: RD-RA00-SSB
(Code No. 23359921)
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Largest rear sprocket:** 28T (28mm dropout)
- **Total gear capacity:** 28T (Maximum chainring differential: 13T)
- **Weight:** 257g

2 FRONT DERAILLEUR
Model: FD-RA00-SSH
(Code No. 29009911)
Clamp-on/28.6mm
(Code No. 29009913)
Clamp-on/31.8mm
Model: FD-RA00-SSB
(Code No. 29009921)
Braze-on
Specifications
- **Gear capacity:** 16T
- **Clamp diameter:** 1-1/8" (28.6mm) 1-1/4" (31.8mm)
- **Weight:** 99g (Clamp-on) 96g (Braze-on)

3 SHIFT LEVER (7 & 6-SPEED)
Model: SL-RA00-B
(Code No. 32409841)
Braze-on
Model: SL-RA00-BF
(Code No. 32409842)
Braze-on/Aluminum frame
Model: SL-RA00-C
(Code No. 32409941)
Clamp-on
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Clamp diameter:** 1-1/8" (28.6mm)
- **Weight:** 81g (Braze-on) 101g (Clamp-on)

	Inner Cable		Outer Casing	
Standard	Type	Length	Type	Length
Right (Rear)	029	1,300mm	771	280mm
Left (Front)	029	800mm	771	—

4 FRONT HUB
Model: HB-RA01-F
(Code No. 52979122) 32H/100mm
(Code No. 52979132) 36H/100mm
Quick release skewer
(Code No. 50249192)
Specifications
- **Weight:** 240g (36H/100mm)



Photo/'91 TOUR DE FRANCE.

5 FREEHUB (7-SPEED)
Model: FH-RA01-7
(Code No. 47759962) 32H/126mm
(Code No. 47759972) 36H/126mm
Quick release skewer
(Code No. 50249196) For 126mm
Specifications
- **Weight:** 471g (36H/126mm)

6 CASSETTE COGS (7-SPEED)
Model: CS-AP00-K7
(Code No. 47179702) Top/12T
(Code No. 47179703) Top/13T
Black
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Standard gear ratio (Weight):** 13×14×15×17×20×23×26T (286g) 13×15×17×19×21×24×28T (329g)

SUNTOUR EDGE



7 REAR HUB
Model: HB-RA01-R
(Code No. 52979221) 32H/126mm
(Code No. 52979231) 36H/126mm
Quick release skewer
(Code No. 50249196) For 126mm
Specifications
- **Thread:** BC 1.37"×24T
- **"D" dimension:** 37mm (126mm)
- **Weight:** 331g (36H/126mm)

8 FREEWHEEL (7-SPEED)
Model: FW-AL10-K7
(Code No. 15079703)
Black
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Thread:** BC 1.37"×24T
- **Compatible hub "D" dimension:** 37mm
- **Standard gear ratio (Weight):**
  13×14×15×17×20×23×26T (427g)
  13×15×17×19×21×24×28T (483g)

9 CHAIN
Model: CH-AP20
(Code No. 50690116)
Black & Black
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Size:** 1/2"×3/32"
- **Pin width:** 7.3mm
- **Weight:** 325g (116 Links)

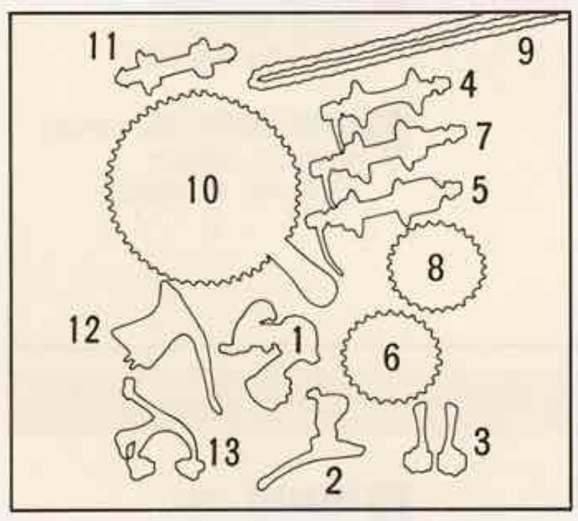
10 CRANKSET
Model: CW-RA01
(Code No. 51609831)
52T×42T/L=165.0mm
(Code No. 51609835)
52T×42T/L=170.0mm
Specifications
- **Features:** PoweRing (52T×42T only)
- **Taper size:** VX
- **Bolt circle diameter:** 130mm
- **Available chainrings:** 52T, 42T
- **Thread:** BC 9/16"×20T
- **Weight:** 700g (52T×42T/170.0mm)

11 BOTTOM BRACKET
Model: BB-RA01-E
(Code No. 51019921) English
Model: BB-RA01-I
(Code No. 51019923) Italian
Specifications
- **Ball size:** 1/4"×9pcs (W/bearing retainer)
- **Taper size:** VX
- **Thread:** BC 1.37"×24T (English)
  36×24T (Italian)
- **B.B.Width:** 68mm, 70mm
- **Weight:** 350g

12 BRAKE LEVER <Dia-compe>
Model: BL-RA00-S
(Code No. 60039903) Short
Model: BL-RA00-N
(Code No. 60039901) Standard
Specifications
- **Features:** Balanced Response System
- **Clamp Diameter:** 23.8~24.2mm
- **Weight:** 228g/pr.

BRAKE INNER OUTER SET
(Code No. 60999976)

13 BRAKE CALIPER <Dia-compe>
Model: BA-RA01-S
F (Code No. 62049931)
Front/Recessed
R (Code No. 62049933)
Rear/Recessed
Specifications
- **Features:** Balanced Response System
- **Shoe adjustment range:** 40~52mm
- **Mounting:** Recessed type
- **Weight:** 290g/pr.



1 REAR DERAILLEUR
Model: RD-ED01-SSB
(Code No. 23819921)

2 FRONT DERAILLEUR
Model: FD-ED01-SSH
(Code No. 29949911)
Clamp-on/28.6mm
(Code No. 29949913)
Clamp-on/31.8mm

3 SHIFT LEVER (7-SPEED)
Model: SL-ED00-B7
(Code No. 32509841)
Braze-on
Model: SL-ED00-B7F
(Code No. 32509843)
Braze-on/Alminum frame
Model: SL-ED00-C7
(Code No. 32509941)
Clamp-on/28.6mm

4 FRONT HUB
Model: HB-RA01-F
(Code No. 52979122) 32H/100mm
(Code No. 52979132) 36H/100mm
Quick release skewer
(Code No. 50249192)

5 FREEHUB (7-SPEED)
Model: FH-RA01-7
(Code No. 47759962) 36H/126mm
(Code No. 47759972) 36H/126mm
Quick release skewer
(Code No. 50249196) For 126mm

6 CASSETTE COGS (7-SPEED)
Model: CS-AP00-K7
(Code No. 47179702) Top/12T
(Code No. 47179703) Top/13T
Black

7 REAR HUB
Model: HB-RA01-R
(Code No. 52979221) 32H/126mm
(Code No. 52979231) 36H/126mm
Quick release skewer
(Code No. 50249196) For 126mm

8 FREEWHEEL (7-SPEED)
Model: FW-AL10-K7
(Code No. 15079703)
Black

9 CHAIN
Model: CH-AP20
(Code No. 50690116)
Black & Black

10 CRANKSET
Model: CW-ED01
(Code No. 51729731)
52T×42T/L=165.0mm
(Code No. 51729735)
52T×42T/L=170.0mm

11 BOTTOM BRACKET
Model: BB-RA01-E
(Code No. 51019921) English
Model: BB-RA01-I
(Code No. 51019923) Italian

12 BRAKE LEVER <Dia-compe>
Model: BL-ED00-S
(Code No. 60139903)
Model: BL-ED00-N
(Code No. 60139901)

13 BRAKE CALIPER <Dia-compe>
Model: BA-ED00-S
F (Code No. 62149001)
Front
R (Code No. 62149903)
Rear

Shown here is a representative selection of this component.
The specifications of other products are also listed.

SUNTOUR BLAZE



LITE OPERATION POWERING

1 REAR DERAILLEUR
Model: RD-BE02-SSB
(Code No. 23879921)

2 FRONT DERAILLEUR
Model: FD-BE02-SSH
(Code No. 29239911)
Clamp-on/28.6mm
(Code No. 29239913)
Clamp-on/31.8mm

3 SHIFT LEVER (7-SPEED)
Model: SL-BE02-B7
(Code No. 32619841)
Braze-on
Model: SL-BE02-C7
(Code No. 32619842)
Clamp-on/28.6mm

4 SHIFT LEVER (7-SPEED)
Model: SL-BE02-CP7
(Code No. 34129941)
Stem mount/22.2mm

5 FRONT HUB
Model: HB-RA01-F
(Code No. 52979122) 32H/100mm
(Code No. 52979132) 36H/100mm
Quick release skewer
(Code No. 50249192)

6 REAR HUB
Model: HB-RA01-R
(Code No. 52979221) 32H/126mm
(Code No. 52979231) 36H/126mm
Quick release skewer
(Code No. 50249196) For 126mm

7 FREEWHEEL (7-SPEED)
Model: FW-AL10-K7
(Code No. 15079703)
Black

8 CHAIN
Model: CH-AP20
(Code No. 50690116)
Black & Black

9 CRANKSET
Model: CW-BE01
(Code No. 51719731)
52T×42T/L=165.0mm
(Code No. 51719735)
52T×42T/L=170.0mm

10 BOTTOM BRACKET
Model: BB-RA01-E
(Code No. 51019921) English
Model: BB-RA01-I
(Code No. 51019923) Italian

11 BRAKE LEVER <Dia-compe>
Model: BL-BE00-S
(Code No. 60149911)
Model: BL-BE00-N
(Code No. 60149901)

12 BRAKE CALIPER <Dia-compe>
Model: BA-BE00-S
F (Code No. 62159001)
Front/Recessed
R (Code No. 62159003)
Rear/Recessed
Model: BA-BE00-N
F (Code No. 62159011)
Front/Recessed
R (Code No. 62159013)
Rear/Recessed

SUNTOUR VX



LITE OPERATION POWERING

1 REAR DERAILLEUR
Model: RD-VX02-SSB
(Code No. 23909921)
W/O Bracket
Model: RD-VX02-SSZ
(Code No. 23909901)
W Bracket

2 FRONT DERAILLEUR
Model: FD-BE02-SSH
(Code No. 29239911)
Clamp-on/28.6mm
(Code No. 29239913)
Clamp-on/31.8mm

3 SHIFT LEVER (7-SPEED)
Model: SL-BE02-B7
(Code No. 32619841)
Braze-on
Model: SL-BE02-C7
(Code No. 32619842)
Clamp-on/28.6mm

4 SHIFT LEVER (7-SPEED)
Model: SL-BE02-CP7
(Code No. 34129941)
Stem mount/22.2mm

5 FREEWHEEL (7-SPEED)
Model: FW-AL10-K7
(Code No. 15079703)
Black

6 CHAIN
Model: CH-AP20
(Code No. 50690116)
Black & Black

7 CRANKSET <SR>
Model: CW-VX01
(Code No. 51389801)
52T×42T/L=165.0mm
(Code No. 51319803)
52T×42T/L=170.0mm

8 BOTTOM BRACKET <SR>
Model: BB-VX01-E
(Code No. 51039921)

9 BRAKE LEVER <Dia-compe>
Model: BL-VX00-N
(Code No. 60159901)

10 BRAKE CALIPER <Dia-compe>
Model: BA-VX00-N
F (Code No. 62169001)
Front
R (Code No. 62169003)
Rear



SUNTOUR RT



LITE OPERATION POWERING

1 REAR DERAILLEUR
Model: RD-RT01-SSB
(Code No. 82249911)
W/O Bracket
Model: RD-RT01-SSZ
(Code No. 82249901)
W Bracket

2 FRONT DERAILLEUR
Model: FD-RT01-SSH
(Code No. 82899911)
Clamp-on/28.6mm

3 SHIFT LEVER (7-SPEED)
Model: SL-RT01-B7
R (Code No. 83149012)
L (Code No. 83149021)

4 FREEWHEEL (7-SPEED)
Model: FW-AL10-K7
(Code No. 15079703)
Black

5 CHAIN
Model: CH-AP20
(Code No. 50690116)
Black & Black

6 CRANKSET <SR>
Model: CW-RT00
(Code No. 51459921)
52T×42T/L=165.0mm
(Code No. 51459929)
52T×42T/L=170.0mm

7 BOTTOM BRACKET <SR>
Model: BB-VX01-E
(Code No. 51039921)

8 BRAKE LEVER <Dia-compe>
Model: BL-RT00-N
(Code No. 60429901)

9 BRAKE CALIPER <Dia-compe>
Model: BA-RT00-N
F (Code No. 62209901)
Front
R (Code No. 62209003)
Rear

Photo/'91 TOUR DE FRANCE.



Shown here is a representative selection of this component.
The specifications of other products are also listed.

MICRO LITE



FRONT HUB <SL>
Model: HB:SL10-F
(Code No. 52909111) 24H/100mm
(Code No. 52909116) 28H/100mm
(Code No. 52909121) 32H/100mm
Quick release skewer
(Code No. 50249222)
Specifications
- **Weight:** 180g

FREE HUB <SL>
Model: FH-SL10-7
(Code No. 47609931) 28H/126mm
(Code No. 47609941) 32H/126mm
(Code No. 47609933) 28H/130mm
(Code No. 47699943) 32H/130mm
Quick release skewer
(Code No. 50249226) For 126mm
(Code No. 50249227) For 130mm
Specifications
- **Weight:** 412g



BOTTOM BRACKET
【SUPERBE-PRO】
Model: BB-SB20-E
(Code No. 51099901) English
Model: BB-SB20-I
(Code No. 51099903) Italian
【SL】【XC-PRO<MD>】
Model: BB-SL10-E
(Code No. 51109901) English
Model: BB-SL10-I
(Code No. 51109904) Italian

Specifications
- **Features:** WTB/SUNTOUR Grease Guard System
- **Taper size:** SUPERBE (SUPERBE-PRO)
  VX (SL)
- **Thread:** BC 1.37"×24T (English)
  36×24T (Italian)
- **B.B.Width:** 68mm (English),
  70mm (Italian)
- **Weight:** 265g (SUPERBE-PRO)
  270g (SL)

SUNTOUR SCRAMBLER

REAR DERAILLEUR
Model: RD-SR21-SSB
(Code No. 22359921)
WO/Bracket
Model: RD-SR21-SSZ
(Code No. 22359901)
W/Bracket
Model: RD-SR21-GTB
(Code No. 22369921)
WO/Bracket
Model: RD-SR21-GTZ
(Code No. 22369901)
W/Bracket
Model: RD-SR21-GXB
(Code No. 22379921)
WO/Bracket
Model: RD-SR21-GXZ
(Code No. 22379901)
W/Bracket
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Largest rear cog:**
  SS & GT 28T (28mm dropout)
  GX 32T (28mm dropuot)
- **Total gear capacity:**
  SS: 28T (Maximum chainring differential: 12T)
  GT: 34T (Maximum chainring differential: 18T)
  GX: 40T (Maximum chainring differential: 20T)
- **Weight:** 255g (SS)
  275g (GT)
  283g (GX)



SEALED CARTRIDGE BEARING PULLEY SET
Model: BP-100
(Code No. 59999911)
Specifications
- **Material:** Delrin
- **Use:** Rear derailleur



COMMAND SHIFTER
Model: SL-CD01-R7
(Code No. 32219911)
Right/Index
Model: SL-CD01-L
(Code No. 32219921)
Left/Power
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Mounting position:** Handlebar
- **Weight:** 185g

	Inner Cable		Outer Casing	
Standard	Type	Length	Type	Length
Right(Rear)	029	2,000mm	751	600×280mm
Left(Front)	029	1,500mm	751	600mm



CABLE CASING STOP
Model: OS-410
(Code No. 55319901)
Specifications
- **Material:** Aluminum alloy (Body)
  Steel (Mounting bolt & adjuster)
- **Use:** Downtube casing stop



BAR-END CONTROL
Model: SL-BC01-R7
(Code No. 31269913)
Right/Index
Model: SL-BC01-L
(Code No. 31269921)
Left/Power
Specifications
- **ACCUSHIFT PLUS Compatible**
- **Clamp diameter:** 18.8~22.2mm
- **Weight:** 188g



VICE GRIPS
Model: OT-GP10
(Code No. 59040703)
Specifications
- **Weight:** 98g/pr.



SEAT POST BINDER
Model: SB-XP00
(Code No. 50279903)
Specifications
- **Useful skewer length:** 18~38.5mm
- **Weight:** 50g

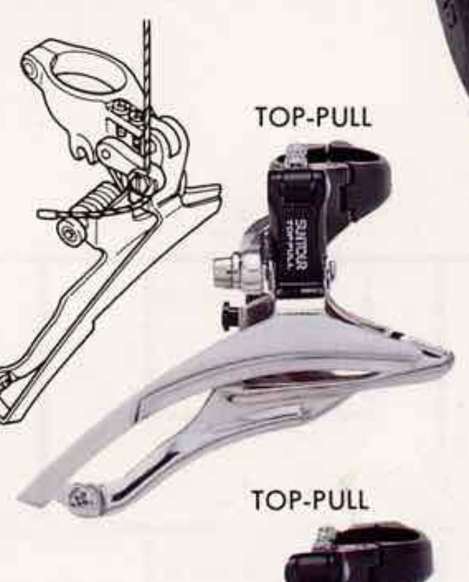


STAINLESS STEEL INNER CHAINRING
Model: CR-ST00
(Code No. 51750024)
Specifications
- **Material:** Stainless steel
- **Pitch circle deameter:** 74mm
- **Size:** 24T

SPOKE DISC (FOR FREEHUB)
Model: FH-SD28
(Code No. 56170131) For 32H
(Code No. 56170132) For 36H
5-3/4" (147mm)
Model: FH-SD34
(Code No. 56170141) For 32H
(Code No. 56170142) For 36H
7-3/20" (186mm)
Specifications
- **Material:** Plastic
- **Diameter:** 5-3/4" (147mm)
  7-3/10" (186mm)
- **Use range:** Maximum 28T (Model: FH-SD28)
  Maximum 34T (Model: FH-SD34)



SPOKE DISC (FOR REAR HUB)
Model: SD-100
(Code No. 56170111)
5-3/4" (147mm)
Model: SD-110
(Code No. 56170121)
7" (176mm)
Specifications
- **Material:** Plastic (disc)
  Aluminum (body)
- **Diameter:** 5-3/4" (147mm)
  7" (176mm)
- **Use range:** Maximum 28T (Model: SD-100)
  Maximum 34T (Model: SD-110)



TOP-PULL

TOP-PULL



TOP-PULL



STANDARD
(BRAZE ON)



FRONT DERAILLEUR (TOP-PULL-PRO)
Model: FD-TP10-GXH
(Code No. 29829811)
Clamp-on/28.6mm
(Code No. 29829813)
Clamp-on/31.8mm
(Code No. 29829815)
Clamp-on/34.9mm
Specifications
- **Gear capacity:** 24T
- **Chainring differential:** 7~11T (Outer~center)
- **Clamp diameter:** 1-1/8" (28.6mm)
  1-1/4" (31.8mm)
  1-3/8" (34.9mm)
- **Weight:** 115g/1-1/8" (28.6mm)

FRONT DERAILLEUR (TOP-PULL)
Model: FD-TP00-GXH
(Code No. 29889911)
Clamp-on/28.6mm
(Code No. 29889915)
Clamp-on/31.8mm
(Code No. 29889917)
Clamp-on/34.9mm
Specifications
- **Gear capacity:** 24T
- **Chainring differential:** 7~11T (Outer~center)
- **Clamp diameter:** 1-1/8" (28.6mm)
  1-1/4" (31.8mm)
  1-3/8" (34.9mm)
- **Weight:** 116g/1-1/8" (28.6mm)

FRONT DERAILLEUR (TOP-PULL-LITE)
Model: FD-TP05-GXH
(Code No. 29829711)
Clamp-on/28.6mm
(Code No. 29829713)
Clamp-on/31.8mm
Specifications
- **Gear capacity:** 24T
- **Chainring differential:** 7~11T (Outer~center)
- **Clamp diameter:** 1-1/8" (28.6mm)
  1-1/4" (31.8mm)
- **Weight:** 124g/1-1/8" (28.6mm)

FRONT DERAILLEUR (BRAZE-ON)
Model: FD-BR01-GXB
(Code No. 29919821)
Specifications
- **Gear capacity:** 24T
- **Chainring differential:** 7~11T (Outer~center)
- **Weight:** 120g

TRANSVERSE CABLE STOP
Model: OT-SH00
(Code No. 62685401)
Specifications
- **Material:** Steel
- **Use:** Prevents the transverse cable from interfering with the wheel.



SCOPE LIGHT KIT
Model: OT-SC00-Q
(Code No. 51329936)
Light & Holder set/For QR
Model: OT-SC10
(Code No. 51329930)
Holder (QR) only
Specifications
- **Material:** Aluminum alloy
- **Batterial:** "AA" alkaline × 2pcs.
- **Maximum intensity of liiumination:** 27 Lux (W/2.2 volt bulb)
- **Use:** Quick release hub



SCOPE LIGHT KIT
Model: OT-SC00-H
(Code No. 51329937)
Light & holder set/For handlebar
Model: OT-SC20
(Code No. 51329931)
Holder (handlebar) only
Specifications
- **Material:** Aluminum alloy
- **Batterial:** "AA" alkaline × 2 pcs.
- **Maximum intensity of liiumination:** 27 Lux (W/2.2 volt bulb)
- **Use:** Handlebar
- **Clamp diameter:** 22.2mm, 25.4~26.2mm



WHEEL COVER
Model: PE-1500
(Code No. 59021701)
Specifications
- **Material:** stretch nylon
- **Fitting wheel size:** 700c
- **Color:** Blue



CAP
Model: OG-YC00
(Code No. 59030703)
Specifications
- **Material:** Nylon 80% Cotton 20%
- **Size:** One size fits all
- **Color:** Day-glo yellow



HEAD BAND
Model: PE-2100
(Code No. 59032303) Blue
(Code No. 59032301) Red
Specifications
- **Material:** Cotton
- **Size:** One size fits all
- **Color:** Blue·Red



WATER BOTTLE
Model: PE-1200
(Code No. 59040313) Large/Blue
(Code No. 59040311) Large/Red
(Code No. 59040303) Small/Blue
(Code No. 59040301) Small/Red
Specifications
- **Material:** Polyethelene
- **Capacity:** 750ml (Large)
  500ml (Small)
- **Color:** Blue & Red



SHOULDER HOLDER
Model: OG-SH00
(Code No. 59020341)
Specifications
- **Material:** Nylon
- **Size:** 240×240×50mm
- **Color:** Black



APRON
Model: PE-1800
(Code No. 59032101)
Specifications
- **Material:** cotton
- **Size:** on size fits all
- **Color:** red



CHAINSTAY PROTECTOR
Model: OT-CP00
(Code No. 59050321)
Specifications
- **Material:** Vinyl
- **Use:** Protects chainstay
- **Color:** Black



CYCLE BANDANA
Model: PE-2200
(Code No. 59032503) Blue
(Code No. 59032501) Red
Specifications
- **Material:** Cotton
- **Size:** 520 × 520mm
- **Color:** Blue; Red



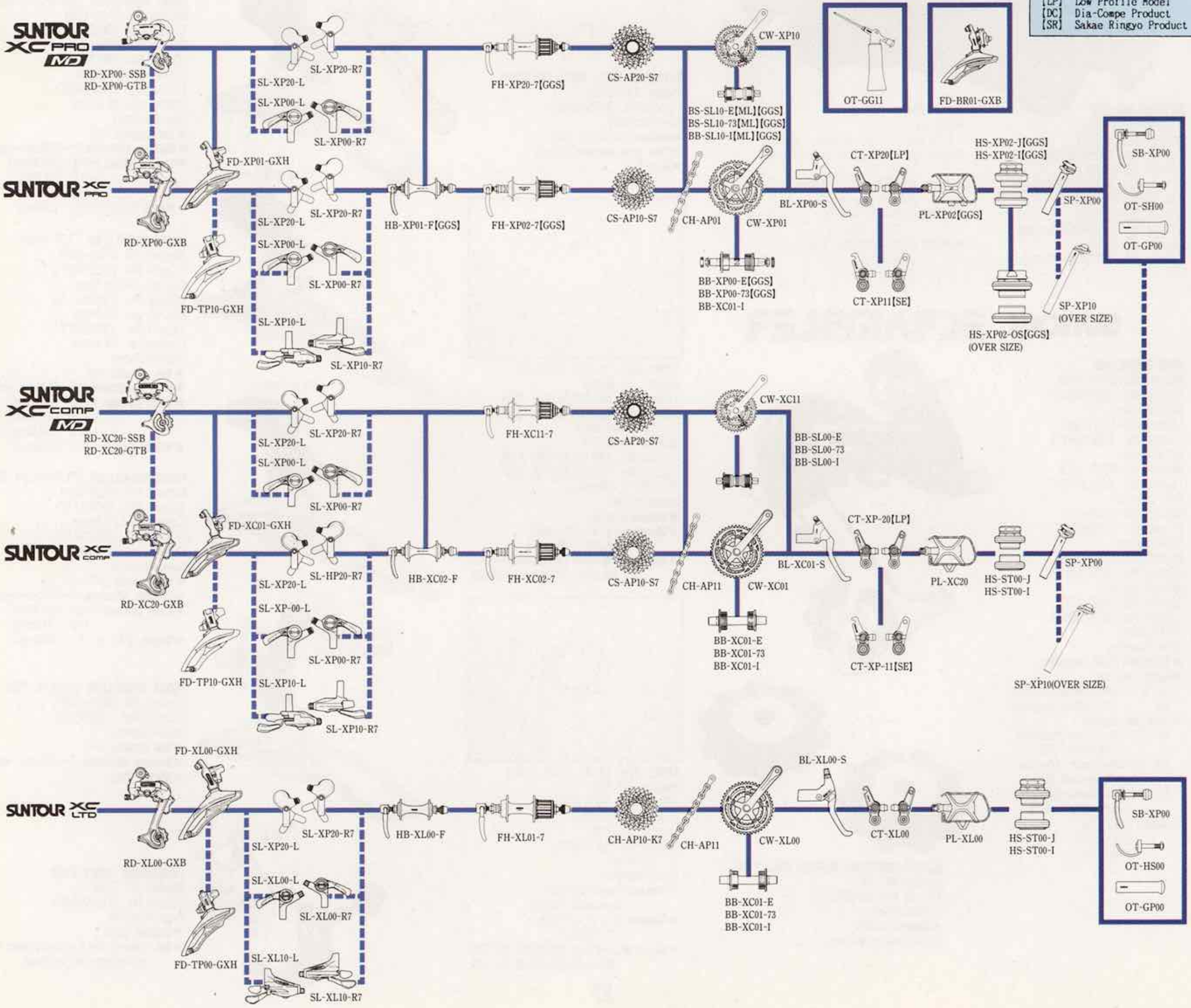
WATER BOTTLE
Model: PE-1200
(Code No. 59040313) Large/Blue
(Code No. 59040311) Large/Red
(Code No. 59040303) Small/Blue
(Code No. 59040301) Small/Red
Specifications
- **Material:** Polyethelene
- **Capacity:** 750ml (Large)
  500ml (Small)
- **Color:** Blue & Red

APRON
Model: PE-1800
(Code No. 59032101)
Specifications
- **Material:** cotton
- **Size:** on size fits all
- **Color:** red

SUNTOUR COMPONENT SYSTEM CHART

ATB & Hybrid Bike

EXPLANATORY NOTES
[SE] Self Energizing System
[GGS] Grease Guard System
[ML] Microlite
[LP] Low Profile Model
[DC] Dia-Compe Product
[SR] Sakae Ringyo Product





CHAIN TOOL
Model: TA-330
(Code No. 58129946)
Specifications
- **Material:** Steel(Chromium plated)



FREEWHEEL REMOVER
Model: TA-320
(Code No. 58120126)
Specifications
- **Material:** Forged steel
- **Use:** Winner & AP freewheel



GREASE GUN KIT
(GREASE GUN & GREASE)
(WTB/SUNTOUR GREASE GUARD SYSTEM)
Model: OT-GG11
(Code No. 58129985)

GREASE (GREASE ONLY)
Model: OT-GG01
(Code No. 58129984)



FREEWHEEL & HUB VICE
Model: TA-120
(Code No. 58129942)
Specifications
- **Material:**
  Steel(Black & Uni chromium plated)
- **Use:** Freewheel cog



COG REMOVER
Model: TA-131
(Code No. 58129951)
For 1/2"×3/32" chain
Model: TA-130
(Code No. 58129950)
For 1/2"×1/8" chain
Specifications
- **Material:** Steel

Use: Freewheel & cassette cog
(Model: TA-131)
Track cog (Model: TA-130)

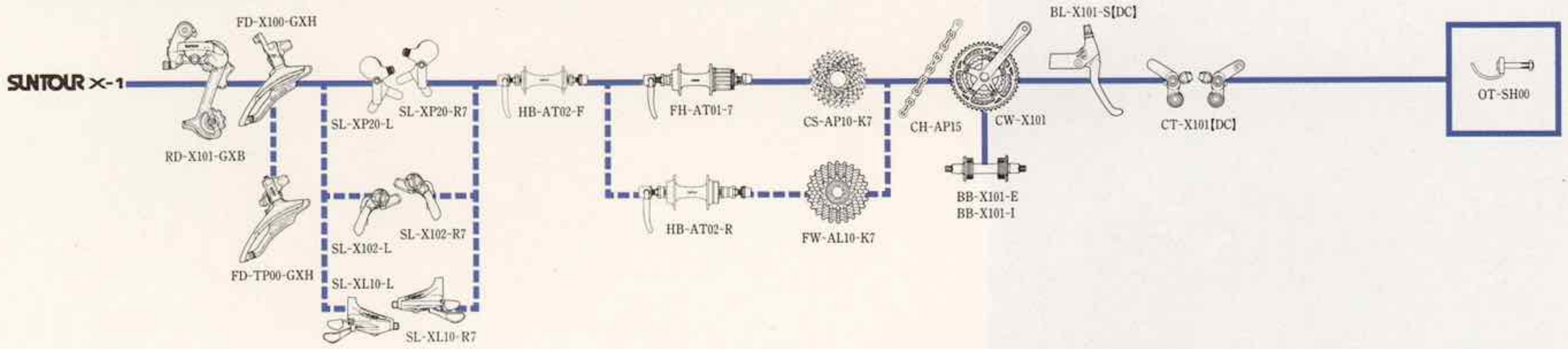
CABLE CUTTER
Model: TA-110
(Code No. 58129960)
Specifications
- **Material:** Steel(Black plated)

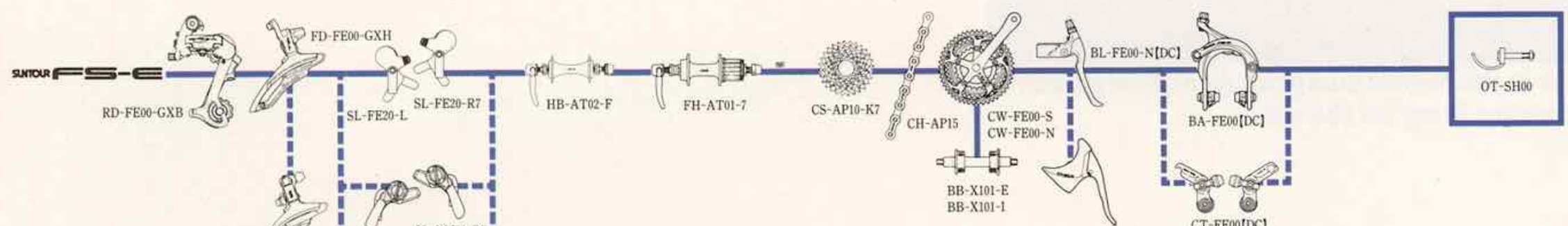
BOX WRENCH
Model: TA-240
(Code No. 58120185)
Specifications
- **Material:** Steel(Chromium pleted)
- **Size:** 14mm & 15mm



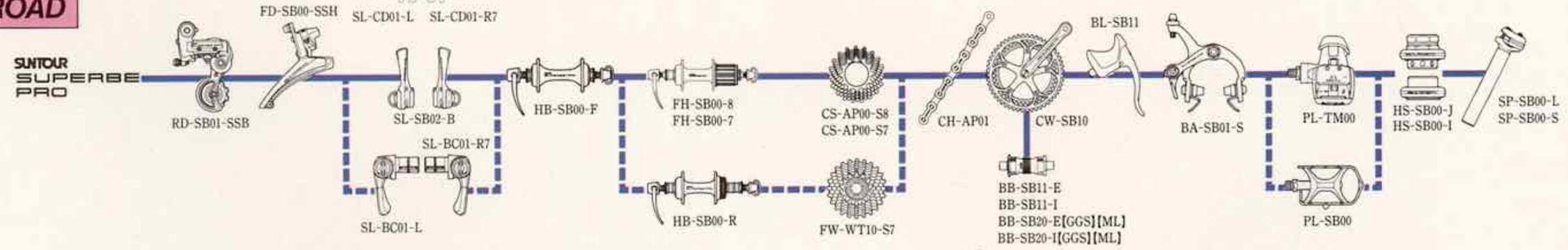
OPEN END WRENCH
Model: TA-190
(Code No. 58120173)
Specifications
- **Material:** Steel (Chromium finish)
- **Size:** 16mm & 19mm

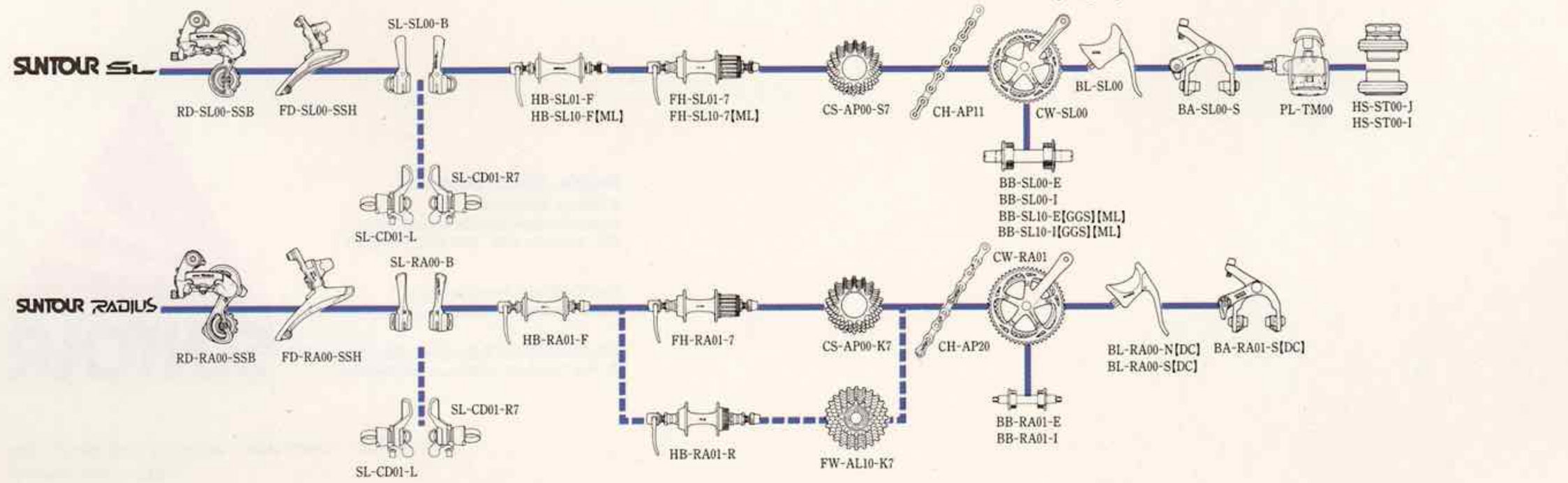
BEARING TOOL
Model: TA-340
(Code No. 58120213)
Specifications
- **Material:** Steel
- **Use:** Sealed bearing hub





ROAD







We make bicycle components as though we're coming along for the ride.

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SUNTOUR

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