Campagnolo



1992 OFF-ROAD RANGE

11/91

RECORD O.R. GROUP



RECORD O.R. REAR DERAILLEUR
code **RD-01OR** (S): short cage
code **RD-02OR** (M): medium cage
code **RD-03OR** (L): long cage
- maximum sprocket: S 30 - M 32 - L 32 teeth
- capacity: S 32 - M 38 - L 44 teeth
- 8 speed - silent operation
- compact type
- parallelogram articulated on self-lubricating bushes



RECORD O.R. FRONT DERAILLEUR
code **FD-01FOR**: clip-on version (Ø 28,6)
code **FD-02FOR**: adjustable clip-on (Ø 28,6/33)
code **FD-03FOR**: adjustable clip-on (Ø 35/36)
- capacity: 16 teeth
- frontal operation parallelogram
- quick and precise derailment thanks to its particularly stiff structure and close tolerance



RECORD O.R. TOP-PULL FRONT DERAIL.
code **FD-01TPOR:** clip-on version Ø 28,6mm
code **FD-02TPOR**: adjust. clip-on (Ø 28,6/33)
code **FD-03TPOR**: adjust. clip-on (Ø 35/36)
- capacity: 16
- especially designed for cable passage from top tube
- frontal operation parallelogram
- quick and precise derailment thanks to its particularly stiff structure and close tolerance



ICARUS BULLET SHIFTING LEVERS
code **BS-02IC CG**
- Bullet shifters with adjustable index tension
- compact type, with improved ergonomic design and padded grip
- integrated with brake levers
- possibility to adjust the index tension during use
- rubber handgrip with inner protection



ICARUS THUMB-SHIFTERS LEVERS
code **SL-02TB CG**
- precision index shifting: no over shift
- front derailleur lever Multi positioning offers trimming capability
- orbital positioning
- best ergonomic function
- maximum weight reduction



RECORD HEAD SET
code **HS-01OR** (1") BC 1x24 TPI
code **HS-03OR** (1 1/8") Over Size
code **HS-04 OR** (1 1/4") Over Size
- sealed mechanism with O-ring
- featuring lubrication system on both cups
- Selform system
- particularly precise tolerances which assure a long life



RECORD O.R. PEDALS
code **PD-02OR**
- compact and super light type
- removable cage hard anodized with dual side usage
- compatible with all toe-clips
- ball bearing axle with adjustable cones and cups, protected by an O-ring seal
- axle in special steel with precise working for a longer life



RECORD O.R. CRANKSET
code **FC-01CSOR**
- crank length: 170 - 175
- inner chainring: 20-22 in steel
- medium chainring: 30-32 in steel
- outer chainring: 42-44 in aluminium
- incorporated extractor
- assembling cassette type chainring (CD System)
- heat forged crank in aeronautical alloy



RECORD CART BOTTOM BRACKET
code **BB-01CARTTBS** Italian- 36x24TPI
code **BB-03CARTTBS** English- BC1,37 x 24 TPI
code **BB-04CARTTBS** BC1,37 x 24 TPI - 73 mm
- shell 68/70: axle length 111 mm
- shell 73: axle length 114 mm
- three sealed ball bearings
- aluminium cups
- compatible with CD System
- quick assembly



RECORD O.R. BRAKES
code **BR-02CLTDOR**
- super compact cantilever type - super light
- new HP brake blocks with exceptional braking performance in all conditions
- high performance braking power
- anodized finishing
- spring tension adjuster
- blocks that can be positioned in 4 directions
- adjustable axial free play



RECORD O.R. BRAKE LEVERS
for Bullet control levers
code **BL-02OR CG**
- super compact type: 2/3 fingers
- integrated with Bullet shifters
- super light type in aluminium
- maximum assembly ease
- best control of the bike due to lever grip contours



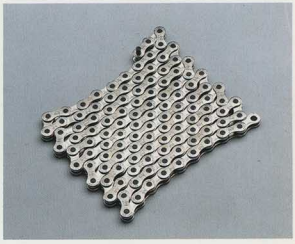
RECORD O.R. BRAKE LEVERS
for Thumb-shifters
code **BL-02ORTB CG**
- super compact type: 2/3 fingers
- integrated with Thumb-shifters
- super light type in aluminium
- maximum assembly ease
- best control of the bike due to lever grip contours



ICARUS SEAT POST
code **SP-IC**
- length: 325 mm
- available Ø with aluminium stem : 25,4-26,6-26,8
- available Ø with steel stem: 27-27,2-28,6-29,4-29,8-30-31,6
- steel seat pillar with chromed mat finishing
- super light



RECORD O.R. HUBS
code **HB-00OR** front hub
code **FH-00OR** rear hub
- over lock nut dimensions: front 100 mm rear 135 mm
- spoke holes: 32-36, small flange
- rear hub with 8 speed cassette freewheelbody
- sealed mechanism with dual lubricant system



CONTAX CHAIN
code **CN-CA68S** with 116 links
- super narrow chain: 6,85 mm
- optimal flexibility: for quickest shifting and maximum precision
- exceptional performance under load



STEEL CASSETTE SPROCKETS
code **CS-8S**
A revolutionary new design incorporating three different tooth profiles onto each sprocket will guarantee precise chain engagement and smooth shifting.
- possibility of combinations at customer's choice without limitations
- perfect interfacing among sprocket, chain, chain-ring, for quick and precise changes, which increases the life of the transmission system

Standard combinations for steel or aluminium sprockets:

11/12/13/14/15/16/17/18
11/12/13/14/15/17/19/21
11/12/13/15/17/19/21/23
12/13/14/15/16/17/18/19
12/13/14/15/16/17/19/21
12/13/14/15/17/19/21/23
12/13/14/16/18/21/24/28
13/14/15/16/17/18/19/21
13/14/15/16/17/19/21/23
13/14/15/17/19/21/23/26
13/14/16/18/20/23/26/30
13/14/16/18/21/24/28/32
14/15/16/17/18/20/22/24



SUPER RECORD CASSETTE SPROCKETS
code **CS-8SR**
- sprockets in aluminium alloy
- available sprockets: 13-14-15-16-17-18-19-20-21-22-23-24
  P.S.: these sprockets are interchangeable with steel sprockets except first position
- maximum reduction of weight (approximately 60% lighter than traditional steel cassette sprockets) using aluminium alloy to grant reliability and life with a special surface treatment

ICARUS GROUP



ICARUS REAR DERAILLEUR
code **RD-01IC** (S): short cage
code **RD-02IC** (M): medium cage
code **RD-03IC** (L): long cage
- maximum sprocket: S 30 - M 32 - L 32 teeth
- capacity: S 32 - M 38 - L 44 teeth
- 8 speed - silent operation
- compact type
- parallelogram articulated on self-lubricating bushes



RECORD O.R. FRONT DERAILLEUR
code **FD-01FOR**: clip-on version (Ø 28,6)
code **FD-02FOR**: adjustable clip-on (Ø 28,6/33)
code **FD-03FOR**: adjustable clip-on (Ø 35/36)
- capacity: 16 teeth
- frontal operation parallelogram
- quick and precise derailment thanks to its particularly stiff structure and close tolerance



RECORD O.R. TOP-PULL FRONT DERAIL.
code **FD-01TPOR:** clip-on version Ø 28,6mm
code **FD-02TPOR**: adjust. clip-on (Ø 28,6/33)
code **FD-03TPOR**: adjust. clip-on (Ø 35/36)
- capacity: 16
- especially designed for cable passage from top tube
- frontal operation parallelogram
- quick and precise derailment thanks to its particularly stiff structure and close tolerance



ICARUS BULLET SHIFTING LEVERS
code **BS-02IC CG**
- Bullet shifters with adjustable index tension
- compact type, with improved ergonomic design and padded grip
- integrated with brake levers
- possibility to adjust the index tension during use
- rubber handgrip with inner protection



ICARUS THUMB-SHIFTERS LEVERS
code **SL-02TB CG**
- precision index shifting: no over shift
- front derailleur lever Multi positioning offers trimming capability
- orbital positioning
- best ergonomic function
- maximum weight reduction



CONTAX HEAD SET
code **HS-01CO** (1") BC 1x24 TPI
code **HS-03CO** (1 1/8") over size
code **HS-04CO** (1 1/4") over size
- Selform system
- particularly precise tolerances which assure a long life



ICARUS PEDALS
code **PD-02IC**
- compact and super light type
- removable cage with dual side usage
- compatible with all toe-clips
- ball bearing axle with adjustable cones and cups, protected by an O-ring seal
- axle in special steel with precise working for a longer life



ICARUS CRANKSET
code **FC-01CSIC**
- crank length: 170 - 175
- inner chainring: 20-22 in steel
- medium chainring: 30-32 in steel
- outer chainring: 42-44 in aluminium
- assembling cassette type chainring (CD System)
- heat forged crank in aeronautical alloy



CART 111 BOTTOM BRACKET
code **BB-01CART**: Italian - 36 x 24 TPI
code **BB-03CART**: English - BC1,37 x 24 TPI
- axle length: 111 mm (symmetric type)
- cartridge type BB unit with sealed bearings
- compatible with CD System
- quick assembly
- micrometric precision of the ball bearing tolerances which assure a long life



ICARUS BRAKES
code **BR-02CLTDIC**
- super compact cantilever type
- new HP brake blocks with exceptional braking performance in all conditions
- high performance braking power
- super light type
- anodized finishing
- spring tension adjuster
- blocks that can be positioned in 4 directions



CENTAUR BRAKE LEVERS
for Bullet control levers
code **BL-02CE CG**
- super compact type: 2/3 fingers
- brake levers covered with anti-shock padding
- integrated with Bullet shifters
- super light type
- maximum assembly ease
- best control of the bike due to lever grip contours



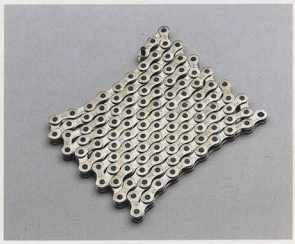
CENTAUR BRAKE LEVERS
for Thumb-shifters
code **BL-02CETB CG**
- super compact type: 2/3 fingers
- brake levers covered with anti-shock padding
- integrated with Thumb-shifters
- super light type
- maximum assembly ease
- best control of the bike due to lever grip contours



ICARUS SEAT POST
code **SP-IC**
- length: 325 mm
- available Ø with aluminium stem : 25,4-26,6-26,8
- available Ø with steel stem: 27-27,2-28,6-29,4-29,8-30-31,6
- steel seat pillar with chromed mat finishing
- super light



ICARUS HUBS
code **HB-00IC** front hub
code. **FH-00IC** rear hub
- over lock nut dimensions: front 100 mm rear 135 mm
- spoke holes: 32-36, small flange
- rear hub with 8 speed cassette freewheelbody
- sealed mechanism with dual lubricant system



CONTAX CHAIN
code **CN-CA68S** with 116 links
- super narrow chain: 6,85 mm
- optimal flexibility: for quickest shifting and maximum precision
- exceptional performance under load



STEEL CASSETTE SPROCKETS
code **CS-8S**
A revolutionary new design incorporating three different tooth profiles onto each sprocket will guarantee precise chain engagement and smooth shifting.
- possibility of combinations at customer's choice without limitations
- perfect interfacing among sprocket, chain, chain-ring, for quick and precise changes, which increases the life of the transmission system

Standard combinations for steel or aluminium sprockets:

11/12/13/14/15/16/17/18
11/12/13/14/15/17/19/21
11/12/13/15/17/19/21/23
12/13/14/15/16/17/18/19
12/13/14/15/16/17/19/21
12/13/14/15/17/19/21/23
12/13/14/16/18/21/24/28
13/14/15/16/17/18/19/21
13/14/15/16/17/19/21/23
13/14/15/17/19/21/23/26
13/14/16/18/20/23/26/30
13/14/16/18/21/24/28/32
14/15/16/17/18/20/22/24



SUPER RECORD CASSETTE SPROCKETS
code **CS-8SR**
- sprockets in aluminium alloy
- available sprockets:
  13-14-15-16-17-18-19-20-21-22-23-24
  P.S.: these sprockets are interchangeable with steel sprockets except first position
- maximum reduction of weight (approximately 60% lighter than traditional steel cassette sprockets) using aluminium alloy to grant reliability and life with a special surface treatment

CENTAUR GROUP



CENTAUR REAR DERAILLEUR
code **RD-02CE** (M): medium cage
code **RD-03CE** (L): long cage
- maximum sprocket: M 32 - L 32 teeth
- capacity: M 38 - L 44 teeth
- 8 speed
- silent operation
- compact type
- parallelogram articulated on self-lubricating bushes



RECORD O.R. FRONT DERAILLEUR
code **FD-01FOR**: clip-on version (Ø 28,6)
code **FD-02FOR**: adjustable clip-on (Ø 28,6/33)
code **FD-03FOR**: adjustable clip-on (Ø 35/36)
- capacity: 16 teeth
- frontal operation parallelogram
- quick and precise derailment thanks to its particularly stiff structure and close tolerance



RECORD O.R. TOP-PULL FRONT DERAIL.
code **FD-01TPOR:** clip-on version Ø 28,6mm
code **FD-02TPOR**: adjust. clip-on (Ø 28,6/33)
code **FD-03TPOR**: adjust. clip-on (Ø 35/36)
- capacity: 16
- especially designed for cable passage from top tube
- frontal operation parallelogram
- quick and precise derailment thanks to its particularly stiff structure and close tolerance



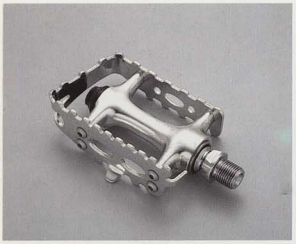
CENTAUR BULLET SHIFTING LEVERS
code **BS-02CE CG**
- Bullet shifters
- compact type, with improved ergonomic design, with palm protection
- integrated with brake levers
- rubber handgrip with inner protection



ICARUS THUMB-SHIFTERS LEVERS
code **SL-02TB CG**
- precision index shifting: no over shift
- front derailleur lever Multi positioning offers trimming capability
- orbital positioning
- best ergonomic function
- maximum weight reduction



CONTAX HEAD SET
code **HS-01CO** (1") BC 1x24 TPI
code **HS-03CO** (1 1/8") over size
code **HS-04CO** (1 1/4") over size
- Selform system
- particularly precise tolerances which assure a long life



CENTAUR PEDALS
code **PD-02CE**
- compact and super light type
- removable cage with dual side usage
- compatible with all toe-clips
- ball bearing axle with adjustable cones and cups, protected by an O-ring seal
- axle in special steel with precise working for a longer life



ICARUS CRANKSET TD
code **FC-01TDIC**
- crank length: 170 - 175
- inner chainring: 24-26 in stainless steel
- medium chainring: 34-36 in stainless steel
- outer chainring: 46-48 in aluminium
- heat forged crank in aeronautical alloy



CART 111 BOTTOM BRACKET
code **BB-01CART**: Italian - 36 x 24 TPI
code **BB-03CART**: English - BC1,37 x 24 TPI
- axle length: 111 mm (symmetric type)
- cartridge type BB unit with sealed bearings
- compatible with CD System
- quick assembly
- micrometric precision of the ball bearing tolerances which assure a long life



ICARUS BRAKES
code **BR-02CLTDIC**
- super compact cantilever type
- new HP brake blocks with exceptional braking performance in all conditions
- high performance braking power
- super light type
- anodized finishing
- spring tension adjuster
- blocks that can be positioned in 4 directions



CENTAUR BRAKE LEVERS
for Bullet control levers
code **BL-02CE CG**
- super compact type: 2/3 fingers
- brake levers covered with anti-shock padding
- integrated with Bullet shifters
- super light type
- maximum assembly ease
- best control of the bike due to lever grip contours



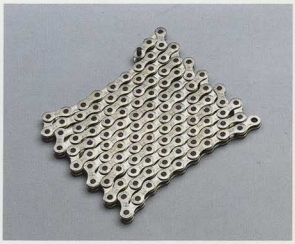
CENTAUR BRAKE LEVERS
for Thumb-shifters
code **BL-02CETB CG**
- super compact type: 2/3 fingers
- brake levers covered with anti-shock padding
- integrated with Thumb-shifters
- super light type
- maximum assembly ease
- best control of the bike due to lever grip contours



ICARUS SEAT POST
code **SP-IC**
- length: 325 mm
- available Ø with aluminium stem : 25,4-26,6-26,8
- available Ø with steel stem: 27-27,2-28,6-29,4-29,8-30-31,6
- steel seat pillar with chromed mat finishing
- super light



CENTAUR HUBS
code **HB-00CE** front hub
code **FH-00CE** rear hub
- over lock nut dimensions: front 100 mm rear 135 mm
- spoke holes: 32-36, small flange
- rear hub with 8 speed cassette freewheelbody



CONTAX CHAIN
code **CN-CA68S** with 116 links
- super narrow chain: 6,85 mm
- optimal flexibility: for quickest shifting and maximum precision
- exceptional performance under load



STEEL CASSETTE SPROCKETS
code **CS-8S**
A revolutionary new design incorporating three different tooth profiles onto each sprocket will guarantee precise chain engagement and smooth shifting.
- possibility of combinations at customer's choice without limitations
- perfect interfacing among sprocket, chain, chain-ring, for quick and precise changes, which increases the life of the transmission system

Standard combinations for steel sprockets:

11/12/13/14/15/16/17/18
11/12/13/14/15/17/19/21
11/12/13/15/17/19/21/23
12/13/14/15/16/17/18/19
12/13/14/15/16/17/19/21
12/13/14/15/17/19/21/23
12/13/14/16/18/21/24/28
13/14/15/16/17/18/19/21
13/14/15/16/17/19/21/23
13/14/15/17/19/21/23/26
13/14/16/18/20/23/26/30
13/14/16/18/21/24/28/32
14/15/16/17/18/20/22/24

TANDEM components



TANDEM CRANKSET
code **FC-01TD**
- crank length: 170-175
- inner chainring: 24-26-28-30-32
- medium chainring: 34-36-40-42-44
- outer chainring: 46-48-50-52-54
- crankset is compatible only with the bottom bracket code BB-01TD/BB-03TD



TANDEM BOTTOM BRACKET
code **BB-01TD** Italian - 36 x 24 TPI
code **BB-03TD** English - BC1,37 x 24 TPI
- axle length: 124 mm
- balls Ø 1/4"
- compatible only with crankset FC-01TD



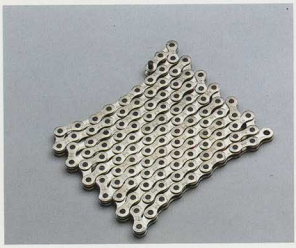
FRONT DERAILLEUR
for triple Contax crankset and Tandem crankset with toothing superior to 48 teeth
code **FD-01F**: clip-on version (Ø 28,6 mm)
code **FD-02F**: adjustable clip-on (Ø 29/33)
code **FD-01S**: braze-on version
- capacity: 16 teeth



TANDEM FRONT HUB
code **HB-00TD** front hub
- over lock nut dimensions: 100 mm
- spoke holes: 40-48, large flange
- increased axle to 10 mm diameter
- increased ball bearings "heavy duty"



TANDEM REAR HUB
cod. **FH-00TD** rear hub
- over lock nut dimensions: 140 mm
- spoke holes: 40-48, large flange
- rear hub with 8 speed cassette freewheelbody expressly designed for tandem
- increased axle diameter
- increased ball bearing "heavy duty"
- increased flanges diameter
- it employes the same 8 speed sprocket blocks as the road and off-road versions



CONTAX CHAIN
code **CN-CA68S** with 116 links
code **CN-00TD** with 280 links
- super narrow chain: 6,85 mm
- optimal flexibility: for quickest shifting and maximum precision
- exceptional performance under load



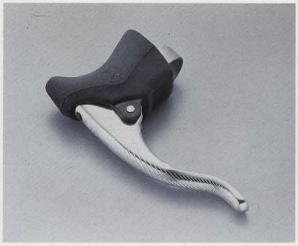
BRAKE LEVERS
code **BL-02CXL CG**
- especially developed to be used with Record O.R., Icarus, Centaur and HP cantilever brakes
- inner straight pull cable system

code **BL-02DCCXL CG**
- brake levers with small cylinder preset for double braking system

Optionals



HP BRAKES
code **BR-02CLHP**
- cantilever type - super light type
- new HP brake blocks with exceptional braking performance in all conditions
- high performance braking power
- it requires less effort to apply to the brake lever
- anodized finishing - spring tension adjuster
- multidirection adjusting brake blocks



BRAKE LEVERS
code **BL-02CXL CG**
- especially developed to be used with Record O.R., Icarus, Centaur and HP cantilever brakes
- inner straight pull cable system

code **BL-02DCCXL CG**
- brake levers with small cylinder preset for double braking system



CAMPAGNOLO HANDGRIP
code **HL-00TB**
- it integrates our brake levers code BL-02CETB CG/BL-02ORTB CG
- exclusive ergonomic design
- antislip material
- it increases the control degree of the bike



CENTAUR QR PEDALS
code **PD-12CEQR**
- compact and super light type
- free lateral movement: ± 8°
- dual use possibility
- adjustable grip tension
- designed for easy mud evacuation



BOTTOM BRACKET CABLE GUIDE
code **AI-00CD**
- stainless steel type
- low friction factor
- to mantain constant shifting performances
- supplied as standard component with off-road groups
- supplied as optional with road and trouring groups



CONTAX OVERSIZE HUB
code **HB-00CO**
- special hub for use with front suspension forks
- inner increased axle Ø 10 mm
- special sealed ball bearings with high endurance features to stand extreme stresses
- over lock nut dimension: 100 mm
- drillings: 32 - 36



COMPLETE SPROCKET DISPLAY BOARD
code **0138001**
- display in very resistant plastic material to be hung to the wall, very useful and convenient to put in order all the Campagnolo sprocket range.

The display board includes a complete set composed of:
- 16 first position sprockets
- 11 last position sprockets
- 48 middle position sprockets
- 20 resin spacers
- 2 11th teeth spacer rings
- 3 steel lock rings
- 3 spacers for sprocket hub body
- 1 lock ring tool

LUBRICANTS





Proper lubrication of components is essential to insure performance and durability.
For this reason Campagnolo is offering a new line of oil and grease with special characteristics of protection and lubrication.
OIL AMBER PLUS 5: it offers a very high degree of protection against oxidation and corrosion. ideal for regular maintenance especially for freewheels, cables and chains.
GREASE ONIX KB 3A: it is suggested for fine lubrication. It is specifically recommended for off-road bicycles that are subjected to use under severe conditons.
GREASE KRISTAL SR 7: it is suggested for assembling and routine maintenance for rear derailleurs, bottom brackets, pedals, hubs and headsets.

Code 1335004 tube of grease Onix KB 3A, 60 grams each
Code 1120008 jar of grease Kristal, 250 grams each
Code 1120009 jar of grease Kristal, 500 grams each
Code 1120010 tin of oil Amber Plus 5, 200 cc. each



Campagnolo reserve the possibility to modify the technical specifications of the products without notice.
Campagnolo decline all responsabilities for any improper use or tampering of the products.

CAMPAGNOLO S.R.L. - VIA DELLA CHIMICA, 4 - 36100 VICENZA - ITALIA - PHONE 0444-564933 - TELEFAX 0444-565062
CAMPAGNOLO SARL - RUE DU CHATEAU D'EAU - ROUZIERS DE TOURAINE - 37360 NEUILLE PONT PIERRE - FRANCE - PHONE. 47-566569 - TELEX 750373 WEIFRA - TELEFAX 47-566779
CAMPAGNOLO USA INC. - 5245 AVENIDA ENCINAS, UNIT J- CARLSBAD - CALIFORNIA 92008- U.S.A. - PHONE 619-9310106 - TELEFAX 619-9310991
SERVICE AND TECHNICAL INFORMATION CENTRAL (ITALY) - Phone 0444/571871 USA - Phone 619/9310106

Printed in Italy by CARTOGRAFICA VENETA - Lonigo (VI) - 11/91