
Bicycle Components



TECHNOLOGY TO WIN



Games of the XXIIIrd Olympiad Los Angeles 1984



Exclusive official supplier
of technical assistance to
the cycling events at
the XXIIIrd Olympiad
Los Angeles 1984

1982 Support Program

1982 TECHNICAL ADVISOR

February 20	Giro De Las Vegas	Las Vegas, Nv.
March 6 & 7	La Primavera	Austin, Tx.
March 14	St. Patrick's Day Road Race	San Antonio, Tx.
March 20 & 21	Nacodoches Road Race	Nacodoches, Tx.
March 27 & 28	Sports Festival	Austin, Tx.
April 3 & 4	April Fools Race	Houston, Tx.
May 29	Allentown Road Race	Allentown, Pa.
May 30	Tour of Nutley	Nutley, N.J.
May 31	Tour of Sommerville	Sommerville, N.J.
June 5	Cappy Trophy Race	Colorado Springs, Co.
June 6	Good Earth Criterium	Boulder, Co.
June 10-20	Coors Classic	Colorado
July 9	Womens World Team Selection Race	
July 11	Manhattan Beach G.P.	Malibu, Ca.
July 24-29	U.S.O.C. Sports Festival	Manhattan Beach, Ca.
July 28-August 1	National Track Championships	Indianapolis, In.
August 3-8	National Road Championships	Kenosha, Wi.
August 23-28	World Track Championships	Milwaukee, Wi.
September 1-5	World Road Championships	Leicester, England
September 29-October 3	Veteran Nationals	Goodwood, England
October 1-3	Tour of Coconut Grove	Tallahassee, Fl.
		Coconut Grove, Fl.

1982 SUPPORT

Trans-America Bike Race, Los Angeles to New York
Absolute Speed Record Attempt
San Diego Velodrome, San Diego, Ca.
Trexlerstown Velodrome, Trexlerstown, Pa.
Hellyer Park Velodrome, San Jose, Ca.
Major Taylor Velodrome, Indianapolis, In.
7-11 Team—47 Race Victories
Puch Team—Silver Medal Winner at the World Championships 1982
7-11 Women's Team—Gold Medal Winner at the World Championships 1982
Bianchi Women's Team Gold and Silver Medal Winners
at the World Championships 1982
United States Cycling Federation, Colorado Springs Training Center 1981-1984



Exclusive Official Supplier of Technical Assistance to the Games of the XXIII Olympiad, Los Angeles, 1984

Campagnolo

Warranty

WARRANTY

Campagnolo bicycle components are unconditionally guaranteed for life against defects in materials or workmanship. Campagnolo components are not, however, guaranteed against wear resulting from use or wear resulting from improper maintenance.



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Campagnolo

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Super Record Road Gruppo

SUPER RECORD ROAD GRUPPO, TITANIUM

- 606 Gear cable, rear
608 Gear cable, front
622 Gear casing, stainless steel
626/A Gear cable clip, twin down tube
636 Gear cable clip, chainstay
649 Brake cable clip, stainless steel
1010/B Nuovo Record Fork Ends, short
1010 Record Fork Ends, long with eyelets³
1014 Record control lever, twin down tube
1030/2 Pump Head
1034 Record Hub set, small flange, English, French, Italian. Drill 24, 28, 32, 36, and 40 holes. Spacing 100mm front, 121.5mm 5-speed or 126.5mm 6-speed on the rear.
1035 Record Hub set, large flange with the³ same specifications as the 1034.
1049/A Super Record Chainwheel set. Arms 165, 167.5, 170, 172.5, 175, 177.5 and 180mm. Chainrings 42T to 57T, 1/2" x 9/32".
* Super Record Derailleur, front²
0102018 Super Record Gear Changer, rear
4021 Super Record Pedals, aluminum alloy cage, Titanium axle.
4031 Super Record Bottom Bracket, aluminum alloy cups and titanium axle. 68mm or 70mm width, English, French, Italian.

- 4041 Super Record Headset, English, French, Italian.
4051/1 Nuovo Super Record Seatpost, 25.0, 25.8, 26.0, 26.2, 26.4, 26.6, 26.8, 27.0, 27.2, or 27.4mm diameter, 180mm length.
4061 Super Record Brakeset, 52mm reach¹
4061/1 Super Record Brakeset, 47mm³ reach¹

¹Brakes available with recessed allen bolts.

²Available only in gruppo.

³Optional

SUPER RECORD ROAD GRUPPO, STEEL

- 606 Gear cable, rear
608 Gear cable, front
622 Gear casing, stainless steel
626/A Gear cable sup, twin down tube
636 Gear cable clip, chainstay
649 Brake cable clip, stainless steel
1010/B Nuovo Record Fork Ends, short
1010 Record Fork Ends, long with eyelets³
1014 Record control lever, twin down tube
1030/2 Pump Head
1034 Record Hub set, small flange, English, French, Italian. Drill 24, 28, 32, 36, and 40 holes. Spacing 100mm front, 121.5mm 5-speed or 126.5mm 6-speed on the rear.

- 1035 Record Hub set, large flange with the³ same specifications as the 1034.
1037/A Super Light Pedals, aluminum alloy cage.
1046/A Nuovo Record Bottom Bracket, 69mm or 70mm width, English, French, Italian.
1049/A Super Record Chainwheel set. Arms 165, 167.5, 170, 172.5, 175, 177.5 and 180mm. Chainrings 42T to 57T, 1/2" x 9/32".
* Super Record Derailleur, front²
0102018 Super Record Gear Changer, rear
4041 Super Record Headset, English, French, Italian.
4051/1 Nuovo Super Record Seatpost, 25.0, 25.8, 26.0, 26.2, 26.4, 26.6, 26.8, 27.0, 27.2, or 27.4mm diameter, 180mm length.
4061 Super Record Brakeset, 52mm reach¹
4061/1 Super Record Brakeset, 47mm³ reach¹

¹Brakesets available with recessed allen bolts.

²Available only in gruppo.

³Optional



Nuovo Record Road Gruppo

NUOVO RECORD ROAD GRUPPO

606	Gear cable, rear	1034	Record Hub set, small flange, English, French, Italian. Drill 24, 28, 32 and 40 holes. Spacing 100mm front, 121.5mm 5-speed or 126.5mm 6-speed on the rear.	1046/A	Nuovo Record Bottom Bracket, 68mm or 70mm width, English, French, Italian.
608	Gear cable, front	1035	Record Hub set, large flange with the ² same specifications as the 1034.	1049	Record Chainwheel set. Arms 165, 167.5, 170, 172.5, 175, 177.5 and 180mm. Chainrings 41T to 57T, 1/2" x 3/32".
622	Gear casing, stainless steel	1037	Record Pedals, with steel cage	0104007	Record Derailleur, front
626/A	Gear cable clip, twin down tube	1037/A	Record Super Light Pedals, ² aluminum alloy cage.	2040	Record Brakeset with 52mm reach ¹
636	Gear cable clip, chainstay	1039	Record Headset, English, French, Italian.	2040/1	Record Brakeset with 47mm reach ^{1,2}
649	Brake cable clip, stainless steel	1044	Record Seatpost, 25.0, 25.8, 26.0, 26.2, 26.4, 26.6, 26.8, 27.0, 27.2, and 27.4mm diameter, 180mm length.		
1010/B	Nuovo Record Fork Ends, short				
1010	Record Fork Ends, long with eyelets ²				
1014	Record control lever, twin down tube				
1020/A	Record Gear Changer, rear				
1030/2	Pump Head				

¹Brakesets are available with recessed allen bolts.

²Optional



¹Optional

Gran Sport Touring Gruppo

GRAN SPORT TOURING GRUPPO

606	Gear cable, rear
608	Gear cable, front
622	Gear casing, stainless steel
626/A	Gear cable clip, twin down tube
636	Gear cable clip, chainstay
1010	Record Fork Ends, long with eyelets
1010/B	Nuovo Record Fork Ends, short ¹
1014/1A	Gran Sport Control Lever, twin down tube
1040/A	Gran Sport Headset, English, French, Italian.
1251	Nuovo Tipo Hub set, small flange, English, French, Italian. Drill 32 and 36 hole. Spacing 100mm front and 121.5mm 5-speed or 126.5mm 6-speed rear.
1253	Nuovo Tipo Hub set with large flange ¹ with the same specifications as the 1251.

118 2040/F	Gran Sport Brakeset, 52mm reach
117 2020/FS	Gran Sport Brakeset, 47mm reach ¹
0306	Gran Sport Touring Triple Chainwheel set. Arms 170mm, chainrings 35, 36, 37, 38, 39, 40, 41, 42, 43, 50, 51, 52, 53, teeth, 1/2" x 3/32".
5031/00	Gran Sport Triple Bottom Bracket, 68mm or 70mm width, English, French, Italian.
5011/06	Gran Sport Rally Touring Gear Changer, rear
3600/NT	Gran Sport Deraillleur, front
3700	Gran Sport Pedals with aluminum cage
3800	Gran Sport Seatpost, 25.0, 25.8, 26.0, 26.2, 26.4, 26.6, 26.8, 27.0, 27.2 and 27.4mm diameter, 180mm length.

¹Optional



Track Gruppings

RECORD TRACK GRUPPO

- 1036** Record Hub set, large flange, English, French, Italian. Spacing 100mm front and 120mm rear
- 1036/2** Record Hub set, small flange with¹ the same specifications as the 1036.
- 1038** Record Pedals, steel cage
- 1038/A** Record Super Light Pedals,¹ aluminum alloy cage
- 1040** Record Headset, English, French, Italian.
- 1046** Record Bottom Bracket, 68mm or 70mm width. English.
- 1051** Record Chainwheel set. Arms 165, 167.5, 170, 172.5, 175, 177.5 and 180mm. Chainrings 44T to 57T, 1/2" x 1/8"
- 1053** Record Fork Ends

SUPER RECORD TRACK GRUPPO, TITANIUM²

- 1036** Record Hub set, large flange, English, French, Italian. Spacing 100mm front and 120mm rear
- 1036/2** Record Hub set, small flange with¹ the same specifications as the 1036.
- 1053** Record Fork Ends
- 4051/1** Nuovo Super Record Seatpost, 25.0, 25.8, 26.0, 26.2, 26.4, 26.6, 26.8, 27.0, 27.2, and 27.4mm diameter, 180mm length.
- 4021** Super Record Pedals, aluminum alloy cage and titanium axle.
- 4131** Super Record Bottom Bracket, aluminum alloy cups and titanium axle. 68mm or 70mm width, English, French, Italian.
- 4141** Super Record Headset, English, French, Italian.
- 4151** Super Record Chainwheel set. Arms 165, 167.5, 170, 172.5, 175, 177.5 and 180mm. Chainrings 44T to 57T, 1/2" x 1/8"

SUPER RECORD TRACK GRUPPO, STEEL²

- 1036** Record Hub set, large flange, English, French, Italian. Spacing 100mm front and 120mm rear
- 1036/2** Record Hub set, small flange with¹ the same specifications as the 1036.
- 1038/A** Record Super Light Pedals, aluminum alloy cage.
- 1046** Record Bottom Bracket, 68mm or 70mm width. English, French, Italian.
- 1053** Record Fork Ends
- 4051/1** Nuovo Super Record Seatpost, 25.0, 25.8, 26.0, 26.2, 26.4, 26.6, 26.8, 27.0, 27.2, and 27.4mm diameter, 180mm length.
- 4141** Super Record Headset, English, French, Italian.
- 4151** Super Record Chainwheel set. Arms 165, 167.5, 170, 172.5, 175, 177.5 and 180mm. Chainrings 44T to 57T, 1/2" x 1/8"

¹Optional

²Not Shown



Record Track Gruppo

Front Dérailleurs

FRONT DÉRAILLEURS^{2,3}

1052/NT	Record
1022/00	Super Record ¹
3600/NT	Record braze on
0104012	Nuovo Gran Sport
2050	980
	Nuovo Valentino

¹ Available in derailleur groups only.

² Maximum recommended differential for adjacent chainrings touring.

Touring 11 teeth

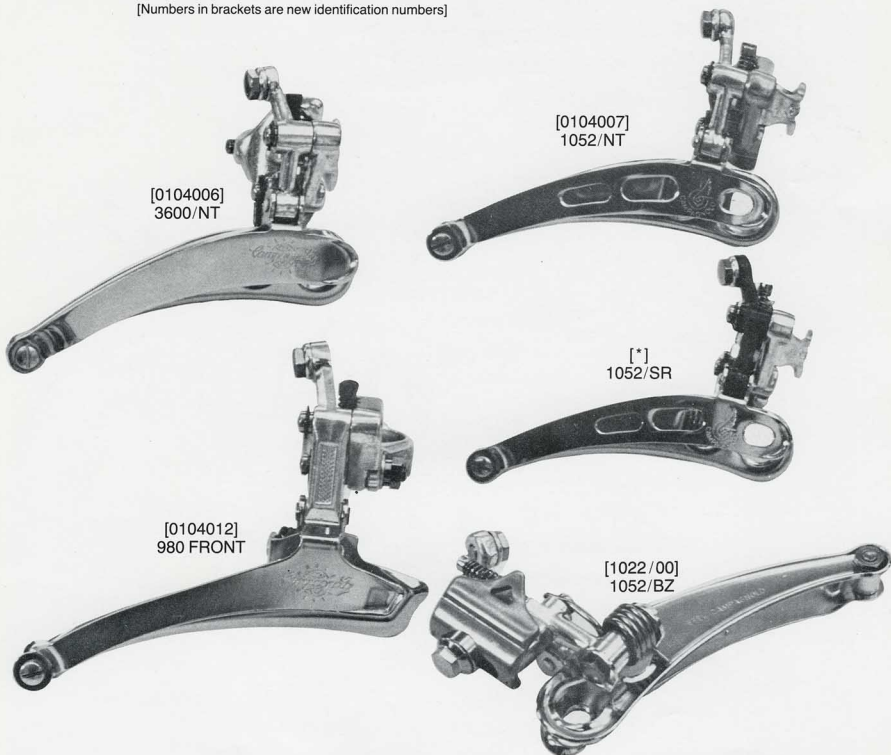
Road Racing 9 teeth

Criterium Racing 7 teeth

³ The outer derailing plate of the front derailleur should clear the outer chainring by 1 to 2mm.

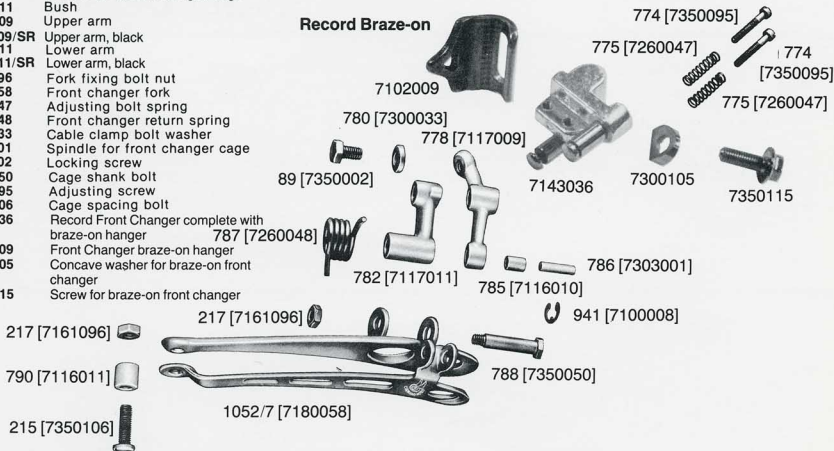
	Weight, grams
1052/NT	92
*	92
1022/00	101
3600/NT	98
0104012	96
2050	102

[Numbers in brackets are new identification numbers]

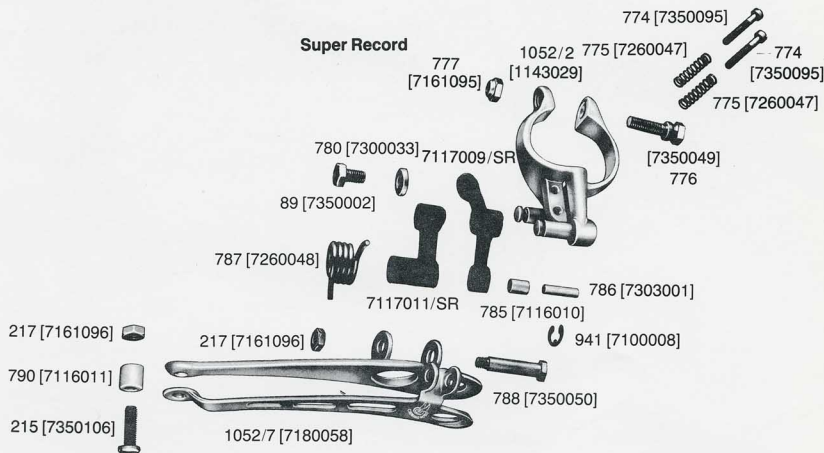


7100008	Circlip
7118010	Ferrule for front changer cage
7118011	Bush
7117009	Upper arm
7117009/SR	Upper arm, black
7117011	Lower arm
7117011/SR	Lower arm, black
7161096	Fork fixing bolt nut
7180058	Front changer fork
7260047	Adjusting bolt spring
7260048	Front changer return spring
7300033	Cable clamp bolt washer
7303001	Spindle for front changer cage
7350002	Locking screw
7350050	Cage shank bolt
7350095	Adjusting screw
7350106	Cage spacing bolt
7143036	Record Front Changer complete with braze-on hanger
7102009	Front Changer braze-on hanger
7300105	Concave washer for braze-on front changer
7350115	Screw for braze-on front changer

Record Braze-on



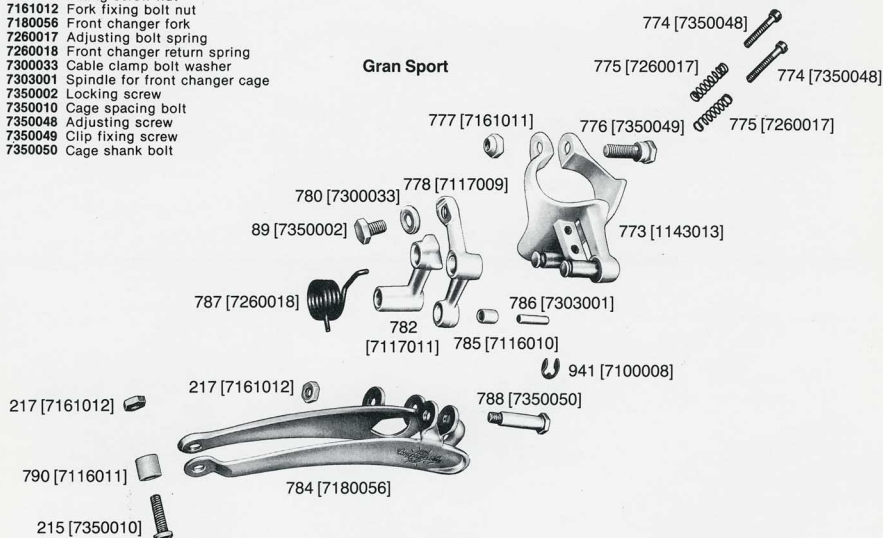
Super Record



[Numbers in brackets are new identification numbers]

- | | |
|---------|--|
| 1143013 | Front changer body (with clip and hinge) |
| 7100008 | Circlip |
| 7116010 | Ferrule for front changer cage |
| 7116011 | Bush |
| 7117009 | Upper arm |
| 7117011 | Lower arm |
| 7161011 | Fixing screw nut |
| 7161012 | Fork fixing bolt nut |
| 7180056 | Front changer fork |
| 7260017 | Adjusting bolt spring |
| 7260018 | Front changer return spring |
| 7300033 | Cable clamp bolt washer |
| 7303001 | Spindle for front changer cage |
| 7350002 | Locking screw |
| 7350010 | Cage spacing bolt |
| 7350048 | Adjusting screw |
| 7350049 | Clip fixing screw |
| 7350050 | Cage shank bolt |

Gran Sport



[Numbers in brackets are new identification numbers]

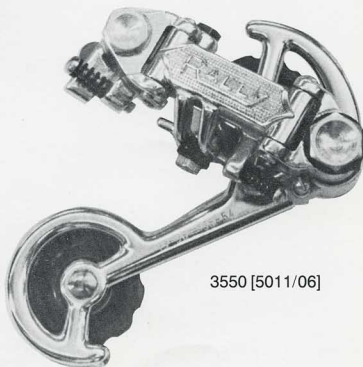
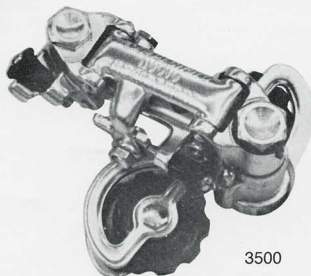
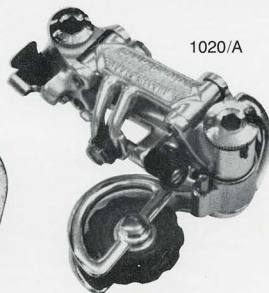
Gear Changers, Rear

GEAR CHANGERS, REAR

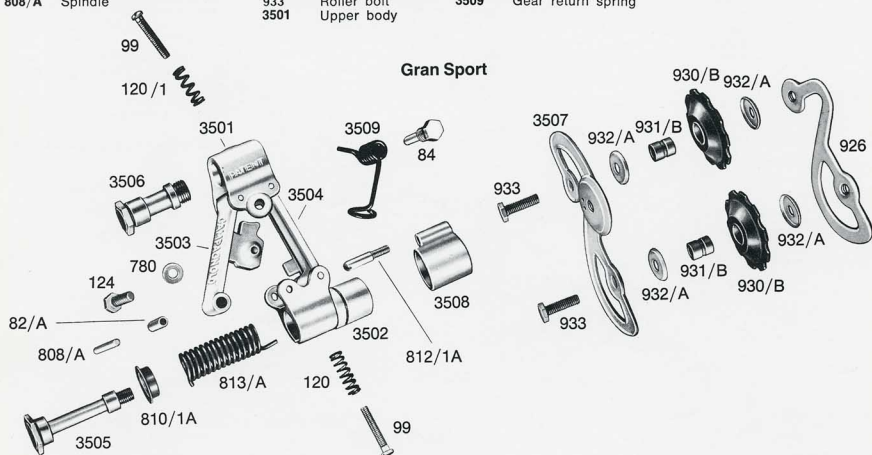
1020/A	Nuovo Record
3500	Gran Sport
5011/06	Gran Sport Rally
6011/00	980
0102018	Super Record

	0102018	3500	5011/06	1020/A	980
Weight Grams	182	220	225	199	200
Teeth Capacity	28	26	32	26	26
Applications	Racing	Sport/ Racing	Touring	Racing	Sport/ Touring

[Numbers in brackets are new identification numbers]



82/A	Body ferrule	810/1A	Lower body bush	3502	Lower body
84	Gear return spring screw	812/1A	Grub screw	3503	Front arm
99	Gear adjusting screw	813/A	Tension spring	3504	Inner arm
120	Lower adjuster spring	926	Inner cage plate	3505	Spring cage bolt
120/1	Upper adjuster spring	930/B	Roller	3506	Upper pivot bolt
124	Fixing screw	931/B	Roller bush	3507	Outer cage plate
780	Cable clamp screw washer	932/A	Roller dust cover	3508	Cover
808/A	Spindle	933	Roller bolt	3509	Gear return spring
		3501	Upper body		



Pedals

PEDALS

1037	Record road, steel cage
1037/A	Record Superlight road, aluminum cage
1038	Record track, steel cage
1038/A	Record Superlight track, aluminum cage
3700	Gran Sport road, aluminum cage
4021	Super Record road, aluminum cage, titanium axle
4121	Super Record track, aluminum cage, titanium axle

All of the pedals use the dust cap #679/A.

To specify left or right add, S, for left and D, for right, to the part number.





4121



1038/A



1038

- 89 Locking screw for superlight pedal
 669 Left hand pedal axle with thread $\varnothing$ 9/16" x 20F. Upon request are furnished with thread M.14 x 1,25
 670 Right hand pedal axle with thread $\varnothing$ 9/16" x 20F. Upon request are furnished with thread M.14 x 1,25
 672 Inserted race (available also in oversize)

- 673 Pedal axle washer
 674 Pedal axle cone
 675 Pedal axle lock nut
 676 Toe clip bolt
 677 Toe clip washer
 678 Inner dust cap
 679/A Superlight pedal dust cap
 2103 Set (48) special $\varnothing$ 5/32" pedal balls selected with 1/1000 of mm. tolerance



672



672



674



673



675



678



679/A



89



677



676

Record Road and Track and BMX



2103



669



670

7131053	Pedal inserted race	89	Toe clip locking screw for superlight pedals
7133002	Pedal axle cone	673	Pedal axle washer
7142002	Pedal dust cap	675	Pedal axle lock nut
7146008	Inner dust cap	677	Toe clip washer
7161001	Pedal axle lock nut	678	Inner dust cap
7281066	Right hand pedal axle with thread $\varnothing 9/16" \times 20 F$	679/A	Pedal dust cap
7281067	Left hand pedal axle with thread $\varnothing 9/16" \times 20 F$	4024	Super Record right hand Titanium pedal
7300001	Pedal axle washer	4025	Super Record left hand Titanium pedal
7300002	Toe clip washer	4026	Inserted pedal race (available also in oversize)
7350003	Pedal locking screw	4027	Pedal axle cone
		4028	Set (64) special $\varnothing 1/8"$ pedal balls selected with 1/1000 of mm. tolerance



7131053



7133002



7142002



[7300001]
673



[7161001]
675



7146008



[7142002]
679/A

Gran Sport



[7300002]
677



[7350003]
676



7281067



7281066



4026



4026



4027



673



675



678



679/A

Super Record Road and Track



677



89



4028



4025



4024

[Numbers in brackets are new identification numbers]

Hubs

HUBS

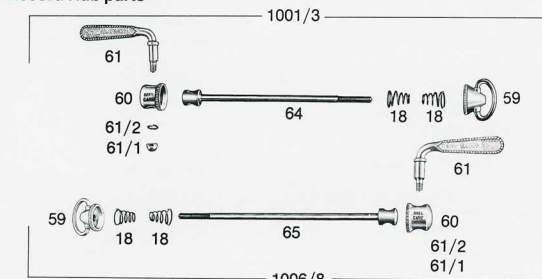
1034	Record road, small flange
1035	Record road, large flange
HiLo	Record road, small flange front, large-small flange rear ¹
1036	Record track, large flange
1036/2	Record track, small flange
1251	Gran Sport road, small flange
1253	Gran Sport road, large flange

¹ Available with English threading and five speed spacing only.

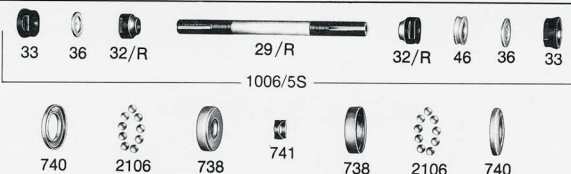
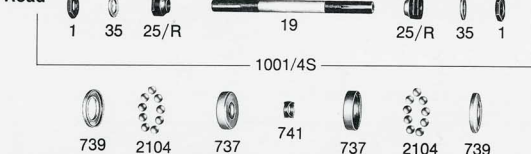
See Grupos for specifications.



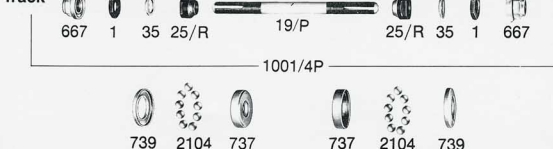
Record Hub parts



Road

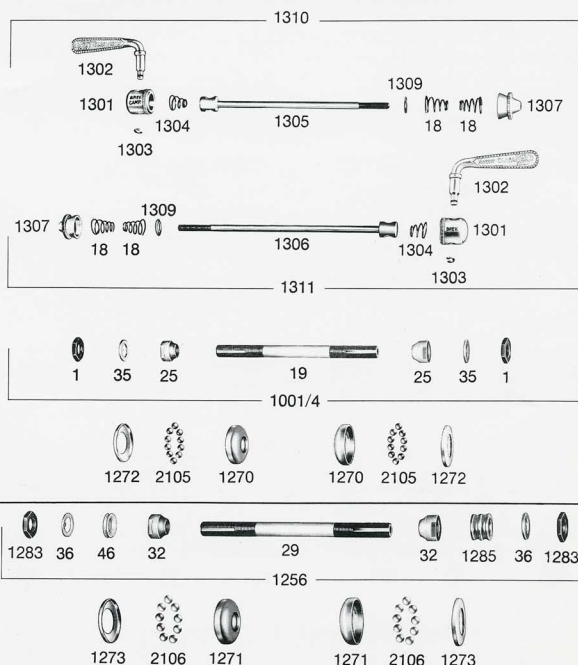


Track



- 1 Front lock nut
- 18 Conical spring
- 19 Front hollow axle
- 25/R Front cone
- 29/R Rear hollow axle (132mm long)
Upon request are furnished
spindles 132 - 134 and 140 mm.
long
- 32/R Rear cone
- 33 Rear lock nut
- 35 Front hub lock washer
- 36 Rear hub lock washer
- 46 Rear spacing collar
- 59 Quick release conical adjuster
- 60 Quick release cap
- 61 Quick release lever
- 61/1 Domed nut
- 61/2 Grover washer
- 64 Quick release front skewer
- 65 Quick release rear skewer
- 737 Front ball cup
- 738 Rear ball cup
- 739 Front dust cover
- 740 Rear dust cover
- 741 Spring clip
- 1001/3 Complete front quick release
skewer for Record hub
- 1001/4S Complete front axle for Record
road hub
- 1006/5S Complete rear axle for Record hub,
five speed.
- 1006/6S Complete rear axle for Record hub,
six speed.
- 1006/8 Complete rear quick release skewer
for Record hub, five speed.
- 1006/8x6 Complete rear quick release skewer
for Record hub, six speed.
- 2104 Set (9+9) special Ø 7/32" balls
selected with 1/1000 of mm.
tolerance
- 2106 Set (9+9) special Ø 1/4" balls
selected with 1/1000 of mm.
tolerance
- 19/P Front track solid spindle axle
- 29/P Rear track solid spindle axle
- 33/P Rear lock nut
- 667 Track front nut
- 668 Track rear nut
- 743 Track lock ring
- 1001/4P Complete front axle for Record
track hub
- 1006/5P Complete rear axle for Record
track hub

- 1 Front lock nut
- 18 Conical spring
- 19 Front hollow axle
- 25 Front cone
- 29 Rear hollow axle (132mm long).
Upon request is
furnished with the 134mm long spindle.
- 32 Rear cone
- 35 Front hub lock washer
- 36 Rear hub lock washer
- 46 Rear spacing collar
- 1001/4 Complete front hollow spindle for
Nuovo Tipo hub
- 1256 Complete rear hollow spindle for
Nuovo Tipo hub
- 1270 Front ball cup
- 1271 Rear ball cup
- 1272 Front dust cover
- 1273 Rear dust cover
- 1283 Rear lock nut
- 1285 Large spacing collar
- 1301 Quick release cap
- 1302 Quick release lever
- 1303 Circlip for lever
- 1304 Conical tension spring
- 1305 Quick release front skewer
- 1306 Quick release rear skewer
- 1307 Knurled adjusting nut
- 1309 Washer for skewer
- 1310 Complete front quick release
skewer for Nuovo Tipo hub
- 1311 Complete rear quick release
skewer for Nuovo Tipo hub
- 2105 Set (10+10) special $\varnothing$ 3/16"
balls selected with 1/1000 of mm.
tolerance
- 2106 Set (9+9) special $\varnothing$ 1/4"
balls selected with 1/1000 of mm.
tolerance



Gran Sport Hub parts

Headsets

HEADSETS

1039	Record road
1040	Record track
1040/A	Gran Sport road
4041	Super Record road
4141	Super Record track

See Gruppis for specifications.

Bearings #2101 for 1039 and 4041

#2102 for 1040, 1040/A, and 4141



- 681 Locking nut
(specify type of threading)
- 682 Locking washer
- 683 Screwed road race
(specify type of threading)
- 684 Road top head race
(0,5 mm. larger gauge available)
- 685 Road bottom head race
(0,5 mm. larger gauge available)
- 686 Road crown race
(smaller diameter available)
- 2101 Set bearings with (20+20)
special b/b Ø 3/16" balls
selected with 1/1000 of mm.
tolerance
- 687/A Sport screwed race
(specify type of threading)
- 688/A Sport top head race
(0,5 mm. larger gauge available)
- 689/A Sport bottom head race
(0,5 mm. larger gauge available)
- 690/A Sport crown race
(smaller diameter available)
- 2102 Set (25+25) special Ø 5/32"
balls selected with 1/1000 of
mm. tolerance
- 687 Track screwed race
(specify type of threading)
- 688 Track top head race
(0,5 mm. larger gauge available)
- 689 Track bottom head race
(0,5 mm. larger gauge available)
- 690 Track crown race
(smaller diameter available)
- 4042 Super Record locking nut
(specify type of threading)
- 4043 Super Record locking washer
- 4044 Super Record screwed road race
(specify type of threading)
- 4045 Super Record road top head
race (0,5 mm. larger
gauge available)
- 4046 Super Record road bottom head
race (0,5 mm. larger
gauge available)
- 4047 Super Record road crown race
(smaller diameter available)
- 4142 Super Record track screwed race
(specify type of threading)
- 4143 Super Record track top head
race (0,5 mm. larger gauge
available)
- 4144 Super Record track bottom head
race (0,5 mm. larger gauge
available)
- 4145 Super Record track crown race
(smaller diameter available)

Note: See Gruppo for thread specifications.

1039



1040/A



2102

1040



4041



4141



2102



2101



2102



Campagnolo

Freewheel

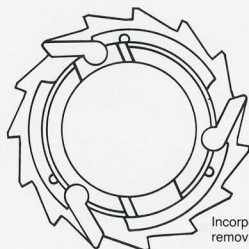
FREEWHEEL Six Speed Available in the Following Ranges:

TEETH	
12-13-14-15-16-17	13-14-16-18-20-22
12-13-14-15-17-19	13-15-17-19-21-23
12-13-14-16-18-20	13-15-18-20-22-24
13-14-15-16-17-18	14-15-16-17-19-21
13-14-15-16-18-20	14-15-17-19-21-23
13-14-15-17-19-21	14-16-19-22-24-26



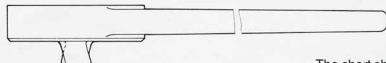
Freewheel Tool Kit

A complete set of tools to disassemble and assemble the worlds best freewheel.



Incorporates a 3 pawl design and special helical removing tool.

Freewheel weight between 114 and 170 grams.

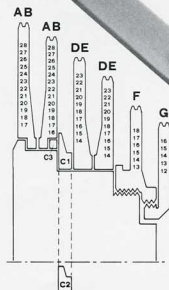


The chart shows the position and teeth available at each of these positions.

The C-2 spacer is for use with the B-16 sprocket.

All other combinations use the C-1 and C-3 spacers.

[0520/40]
No. 1

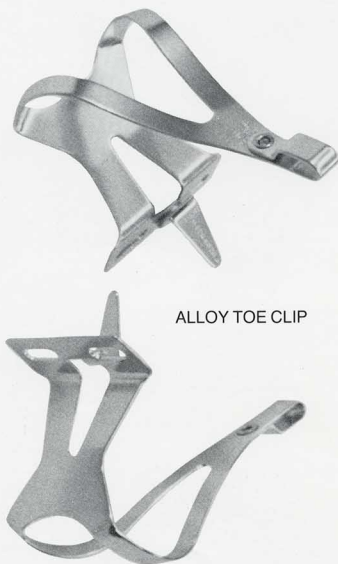


Toe Clips

The Campagnolo toe clip is anatomically contoured to fit the instep of the foot without modification. The toe-clip also has a patented shoe plate which helps the shoe slide smoothly into position without jamming. The aluminum version is tempered for strength. The steel is chrome-plated.

The toe clip fits all Campagnolo pedals. Sizes are small, medium and large.

Weights	Steel	Aluminum
Small	32 gms	12 gms
Medium	36 gms	13.4 gms
Large	40 gms	14.8 gms



Chainwheels

CHAINWHEELS

1049	Record road
1049/3	Record triple 42 teeth low*
1049/4	Record cyclocross*
1049/5	Record triple 36 teeth low, special right hand arm*
1049/A	Super Record road
1051	Record track
4151	Super Record Track

*Not Pictured.



1049/A



4151



1049



1051



0305



0306

- 0304 Gran Sport
- 0305 Gran Sport touring, 116mm bolt pattern, road
- 0306 Gran Sport touring, 116mm bolt pattern, triple

Record road chainrings, #753, 41 to 57 teeth
 Super Record road chainrings, #753/A, 42 to 57 teeth
 Gran Sport road chainrings, #753/GS, 42 to 57 teeth

Record, Super Record, and Gran Sport chainrings are interchangeable $\frac{1}{2}'' \times \frac{3}{32}''$.

Record track chainrings, #760, 44 to 57 teeth
 Super Record track chainrings, #760/A, 44 to 57 teeth

Record and Super Record track chainrings are interchangeable, $\frac{1}{2}'' \times \frac{1}{8}''$, $\frac{1}{2}'' \times \frac{3}{32}''$ by special order.

Gran Sport Touring road chainrings, 753/T, 35 to 43 teeth, and 50 to 53 teeth, 116mm bolt circle, $\frac{1}{2}'' \times \frac{3}{32}''$.

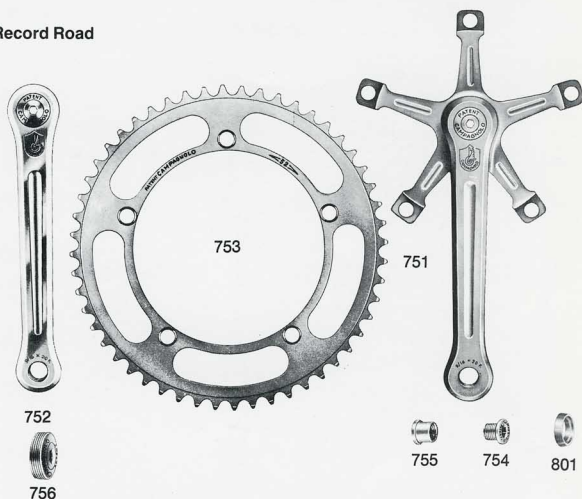


0304

- 751 Right hand road crank
(complete with cover 756,
170 mm. long).
- 752 Left hand road crank
(complete with cover 756,
170 mm. long).
- 753 Road chainring
- 754 Road chainwheel fastening screw
- 755 Road chainwheel fastening nut
- 756 Crank cover plate
- 801 Spacer for single chainring
- 751 Right hand road crank
(complete with cover 756,
170 mm. long).
- 752 Left hand road crank
(complete with cover 756,
170 mm. long).
- 753/A Super Record road chainring
- 754 Road chainwheel fastening screw
- 755 Road chainwheel fastening nut
- 756 Crank cover plate
- 801 Spacer for single chainring

Note: See Gruppis for specifications.

Record Road



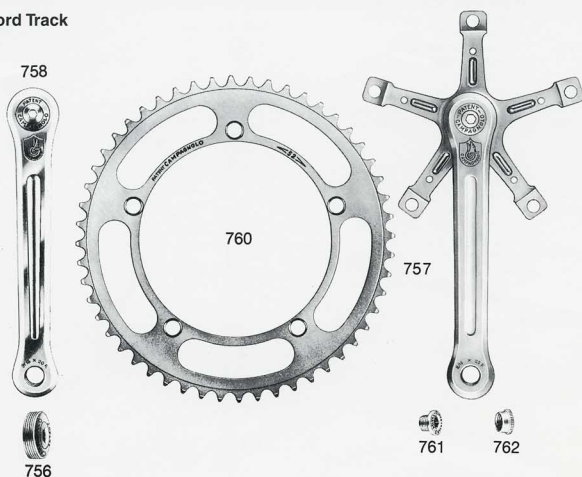
Super Record Road



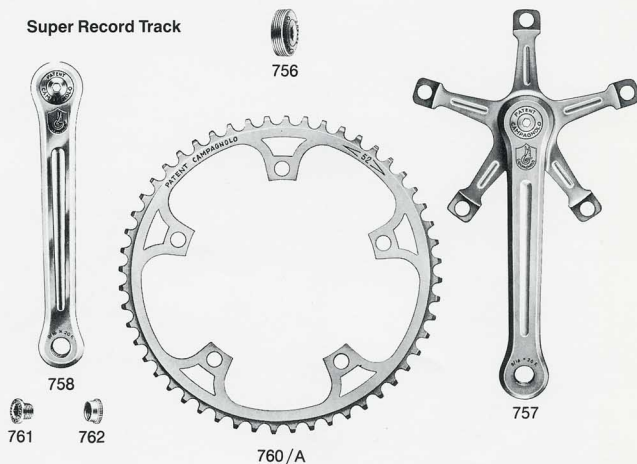
- 756 Crank cover plate
- 757 Track right hand crank (complete with cover 756, 170 mm. long).
- 758 Track left hand crank (complete with cover 756, 170 mm. long).
- 760 Record track chainring
- 761 Track chainwheel fastening screw
- 762 Track chainwheel fastening nut
- 756 Crank cover plate
- 757 Track right hand crank (complete with cover 756, 170 mm. long).
- 758 Track left hand crank (complete with cover 756, 170 mm. long).
- 760/A Super Record track chainring
- 761 Track chainwheel fastening screw
- 762 Track chainwheel fastening nut

Note: See Gruppis for specifications.

Record Track



Super Record Track



1288086 Right hand Gran Sport crank
(170 mm long, complete with
cover 7136002, with pedal hole
Ø 9/16" x 20 F).

1288087 Left hand Gran Sport crank
(170 mm long, complete with
cover 7136002, with pedal hole
Ø 9/16" x 20 F)

7136002 Crank cover plate

7161022 Chainwheel fastening nut

7350018 Chainwheel fastening screw

72301... Road chainring

751 Right hand road crank
(complete with cover 756,
170 mm. long).

752 Left hand road crank
complete with cover 756,
170 mm. long).

753 Road chainring
756 Crank cover plate
830 Triple chainring and
cyclocross fixing bolt

831 Nut for bolt 830
832 Triple chainring and cyclocross
spacer

Note: See Gruppis for specifications.

Gran Sport

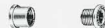


3321/5F [1288087]



756 [7136002]

3322/5F [1288086]



755 [7161022] 754 [7350018]

Record Triple, 41 Teeth Low



752



756



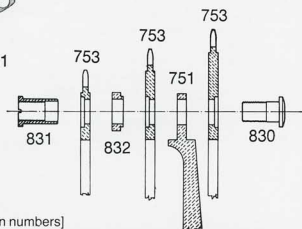
751



830

832

831

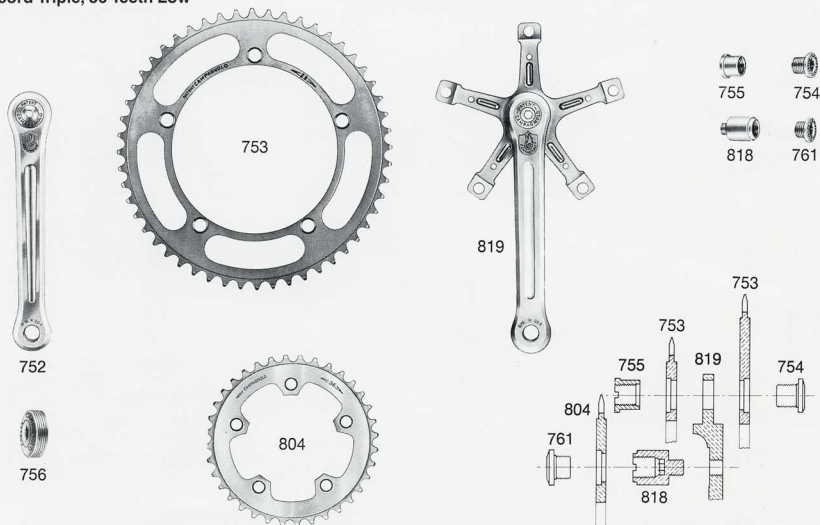


[Numbers in brackets are new identification numbers]

- | | | | |
|-----|--|-----|--|
| 752 | Road left hand crank
(complete with cover 756,
170 mm. long) | 761 | Track chainwheel fastening
screw |
| 753 | Road chainring | 804 | Chainring for 1/2" x 3/32"
(2 mm.) chain with fixed 36 teeth |
| 754 | Road chainwheel fastening screw | 818 | Triple chainring spacer |
| 755 | Road chainwheel fastening nut | 819 | Right crank for special triple
chainring
(complete with cover plate
756 - 170 mm. long) |
| 756 | Crank cover plate | | |

Note: See Grupos for specifications.

Record Triple, 36 Teeth Low



Between 1978 and 1979 Campagnolo changed the design of the right crank arm. This change makes more space between the outer chainring and the inside of the crank arm. In order to maintain the correct chainline, a new axle was designed, the identification of which is explained in the selection on Bottom Brackets. All new Nuovo and Super Record Cranksets are of the new style, however many old style units are still being used. To identify the new style, look at the collar around the axle hole on the back of the arm. The new style has a raised collar 5-6mm wide and 2mm high. The old style collar is 10-11mm wide and 3mm high. Once you have seen both, the difference is obvious. The old arm will work on the new axle but the new arm will not usually work on old style axles.

The reason for this change is because of the Consumer Product Safety Commission's rules on bicycles. The definition of "PROTRUSION" is such that it included the outer tange plate of the front derailleur. To meet regulations, Campagnolo thickened the tange and the crank had to be modified to accommodate the change.

Bottom Brackets

BOTTOM BRACKETS

- 1046** Record road and track
1046/3 Record triple and cyclocross*
1046/A Nuovo Record road
3331 Gran Sport road
5031/00 Gran Sport Touring triple*
4031 Super Record road, titanium axle
4131 Super Record track, titanium axle
 see Gruppo description for thread specifications.

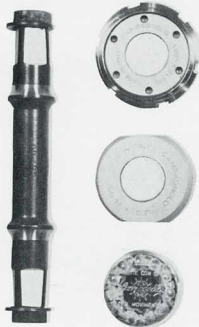
THREADS	Super Record Road	Super Record Track	Nuovo Record Road	Record Road	Record Track	Record Cyclocross	Gran Sport	Gran Sport Touring
French	+	+	+	+	+	+	+	+
English	+	+	+	+	+	+	+	+
Italian	+	+	+	+	+	+	+	+
Swiss			+					
0.5mm Oversize			+					
BOTTOM BRACKET WIDTH								
65mm					+			
68mm	+	+	+	+	+	+	+	+
70mm	+	+	+	+	+	+	+	+
74mm				+				



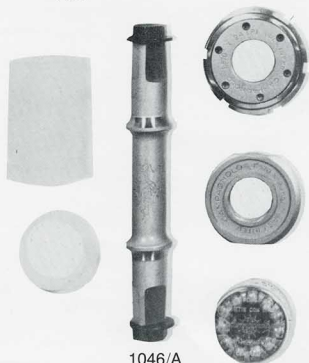
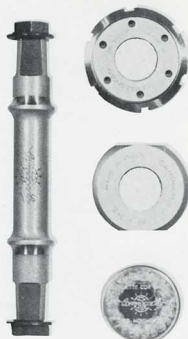
4131



3331



1046



1046/A



4031

- 744/1 Triple chaining cotterless spindle. See measurements and indicate spindle size
- 745 Fixed cup.
- 746 Adjustable cup.
- 747 Locking with normal 3.5 mm. thickness (available also with 4 mm. and 4.5 mm. thickness)
- 748 Indicate required thread
- 748 Fixing screw
- 749 Fixing washer
- 2100 Set (11+11) special $\varnothing$ 1/4" balls selected with 1/1000 of mm. tolerance
- 744/A Nuovo Record cotterless road spindle. See measurements and indicate spindle size
- 745/A Fixed cup.
- 746/A Adjustable cup.
- 747 Indicate required thread
- 747 Locking with normal 3.5 mm. thickness (available also with 4 mm. and 4.5 mm. thickness).
- 748 Indicate required thread
- 748 Fixing screw
- 749 Fixing washer
- 2100 Set (11+11) special $\varnothing$ 1/4" balls selected with 1/1000 of mm. tolerance
- 2110 Record sleeve
- 2110/1 Cone for sleeve

In order to comply with CPSC regulations, Campagnolo changed the design of the crank arms in 1978. The modification of the arms necessitated a new axle to be provided. The new axles are identified by looking at the markings between the bearing races.

Old Style Axles	New Style Axles
68 SS 120	68 SS -or- 68 SS 120 + 1.0 + 1.5
70 SS 120	70 SS -or- 70 SS 120 + 1.0 + 1.5

The new axles are usable with old style cranks. The old style axles may or may not work with new style arms.

Super Records were originally hollow with threaded bolt holes. The new style titanium axles are solid and use nuts rather than bolts.



2100

Record

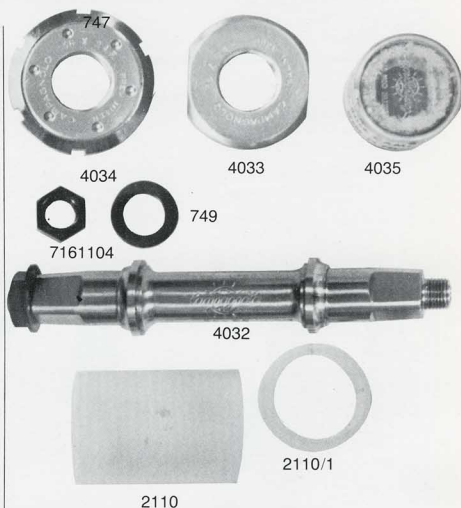
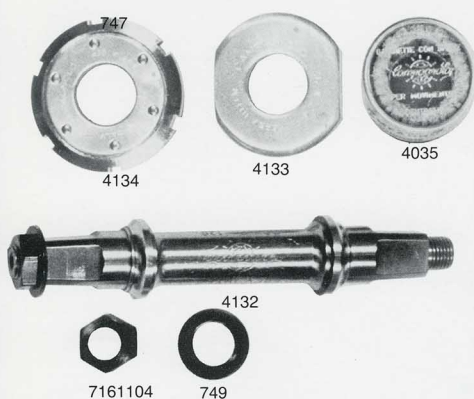


Nuovo Record



2100





Super Record Track 4131

Super Record Road 4031

Gran Sport 3331



- 747** Locking with normal 3.5mm thickness (available also with 4mm and 4.5mm thickness). Indicate required thread
- 749** Fixing washer
- 2110** Record sleeve
- 2110/1** Cone for sleeve
- 4032** Super Record cotterless Titanium road spindle. See measurements and indicate spindle size.
- 4033** Fixed cup. Indicate required thread
- 4034** Adjustable cup. Indicate required thread
- 4035** Set (14 + 14) special $\varnothing \frac{3}{16}$ " b/b balls selected with 1/1000 of mm tolerance.
- 7161104** Fixing nut

- 747** Locking with normal 3.5mm thickness (available also with 4mm and 4.5mm thickness). Indicate required thread
- 749** Fixing washer
- 4035** Set (14 + 14) special $\varnothing \frac{3}{16}$ " b/b balls selected with 1/1000 of mm tolerance.
- 4132** Super Record cotterless Titanium track spindle. See measurements and indicate spindle size.
- 4133** Fixed cup. Indicate required thread
- 4134** Adjustable cup. Indicate required thread
- 7161104** Fixing nut

- 745** Fixed cup.
- 746** Indicate required thread
- 747** Adjustable cup.
- 748** Locking with normal 3.5 mm. thickness (available also with 4 mm. and 4.5 mm. thickness)
- 749** Indicate required thread
- 2100** Fixing screw
- 2100** Fixing washer
- 3332** Set (11+11) special $\varnothing \frac{1}{4}$ " balls selected with 1/1000 of mm. tolerance
- 3331** Sport cotterless spindle. See measurements and indicate spindle size

Seat Posts

SEAT POST

- | | |
|--------|-------------------------------|
| 1044 | Record seat post |
| 3800 | Gran Sport seat post |
| 4051/1 | Nuovo Super Record seat post. |

*See Gruppo specifications for diameters
and lengths.*



3800



1044



4051/1



698



699



703



701



702



700



1160/03 [7320017]



1160/02 [7316006]



1160/01 [7300068]



1160/04 [7350082]

0124061/70 Nuovo Super Record seat pin
(pin length 180 mm). Specify
diameter stem: 25 - 25.8 - 26
26.2 - 26.4 - 26.6 - 26.8 - 27
27.2 - 27.4 mm.

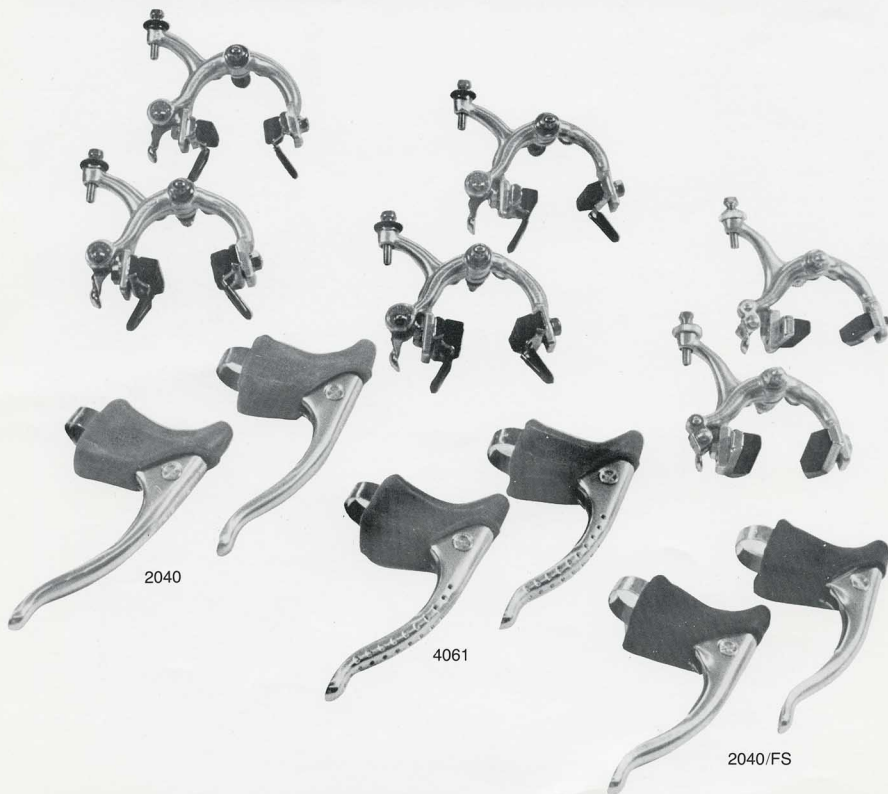
7350082 Fixing bolt
7300068 Convex washer
7320017 Locking bracket
7316006 Sliding support
698 Front bracket
699 Rear bracket
700 Bolt nut
701 Left hand side support
702 Right hand side support
703 Fixing and adjusting bolt

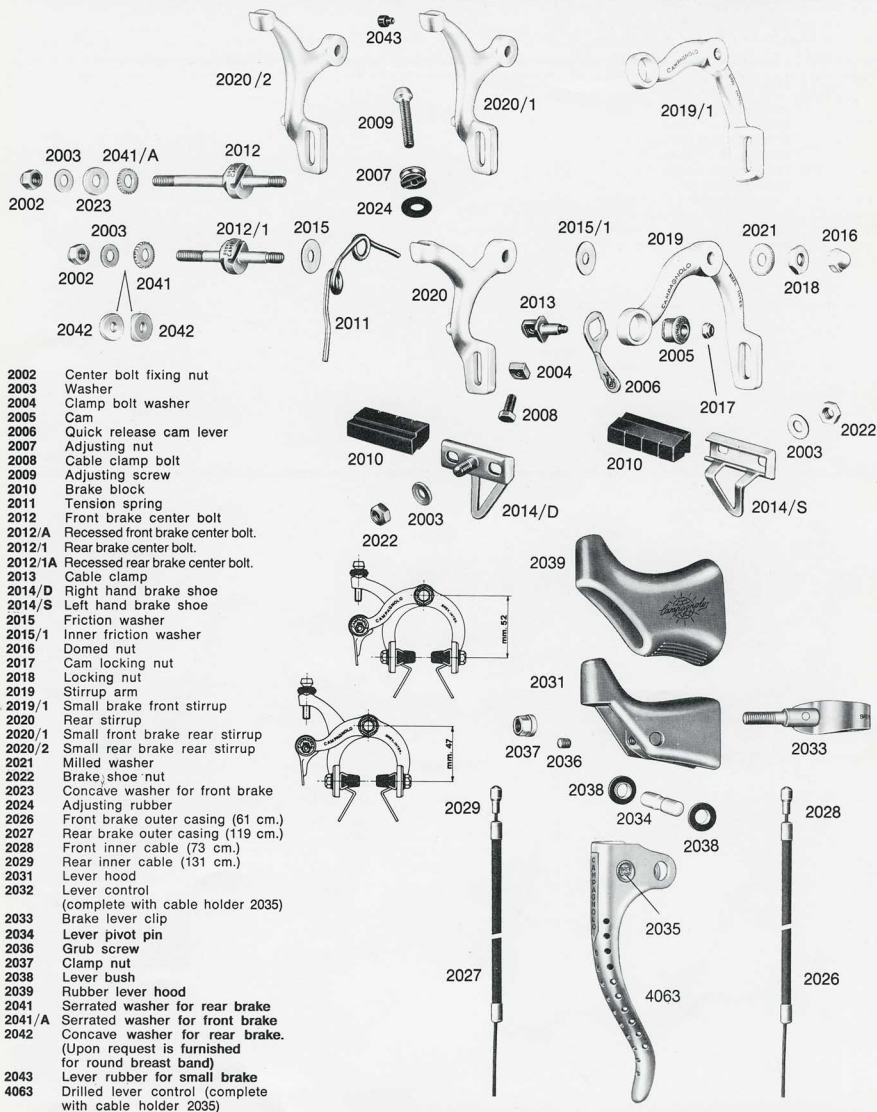
Brake Sets

BRAKE SETS

2040	Record 52mm*
2040/1	Record 47mm*
4061	Super Record 52mm*
4061/1	Super Record 47mm*
117 2040/FS	Gran Sport 47mm
118 2040/F	Gran Sport 52mm

*Recessed allen bolts specified by adding an A to the above part numbers.





Control Levers

CONTROL LEVERS

1012/3	Handlebar control
1013/1	Gear downtube control lever
1013/1A	Gran Sport gear downtube control lever
1013/5, 10316	Front and gear control braze on
1014	Twin downtube control lever
1014/1	Twin control lever with pump clip
1014/1A	Gran Sport twin control lever
1207, 1208	Gran Sport front and gear control braze on*

*Not pictured.



1014



1014/1



1014/1A



1013/5 & 6



1013/1



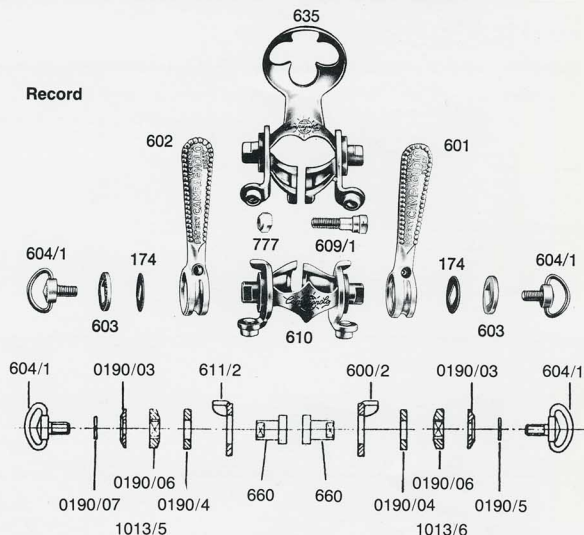
1013/1A



1012/3

- 137 Segment expanding screw
- 138 Segment
- 139/1 Counter-nut
- 139/2 Hexagonal screw
- 140/1 Tension adjusting screw
- 142 Spring segment holder
- 173 Handlebar lever rubber
- 174 Handlebar friction plate 0190/06
- 174/1 Lever friction plate
- 200/2 Handlebar control body
- 201 Handlebar lever
- 600/2 Right hand braze-on control lever plate
- 601 Gear control lever only
- 602 Front changer control lever only
- 603 Cover plate 0190/03 + 0190/07
- 604/1 Friction adjusting wing nut
- 606 Down tube control gear inner wire (118 cm.)
- 609/1 Fixing clip bolt
- 610 Record twin control clip
- 611/2 Left hand braze-on control lever plate
- 660 Braze-on boss
- 661 Brazed boss collar 0190/09
- 663 Braze-on cable ferrule
- 777 Nut
- 601/1 Right hand control lever only
- 602/1 Left hand control lever only
- 609/1 Left hand control lever only
- 777 Fixing clip bolt
- 3393 Right hand toothed washer
- 3396 Milled nut for Gran Sport lever
- 3397 Left hand toothed washer
- 3398 Elastic washer
- 3401 Gran Sport twin control clip
- 3402 Gran Sport right hand control clip

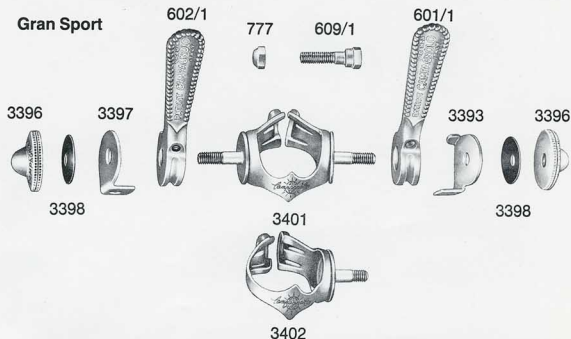
Record



Bar Control



Gran Sport



Fork Ends

FORK ENDS

1010	Record
1010/A	Record without eyelets (Not Shown)
1010/B	Nuovo Record small without eyelets
1010/1	Sport
1053	Track
1060	Corsa

Part #80/1 is a braze-on replacement hanger.

CHAIN HOLDERS

0100006	Two screw, Nuovo Record.
0100007	One screw, Record.



1010

7350085



7350085



7316007



7316008

7300085

7350100



1053



1010/B



BMX 305 Pedals

Pedals aluminum alloy cages in black, blue and gold. Axle replacement parts are the same as 1037/A road pedals.

821
822

Hub set, small flange.

Hub set, large flange.

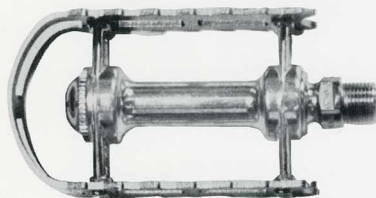
Hubs in silver, blue, and gold with English freewheel threads and track axles, spacing 100mm front and 120mm rear.

BMX 806

Chainwheel set.

Chainwheel set in silver, blue, and gold with 170mm or 175mm arms. Chainrings in matching colors from 42 to 46 teeth,¹ 1/2" x 1/8". Uses a 3331 or 1046 road bottom bracket.

¹For larger sizes #760 chainrings, in silver only, are available, 1/2" x 1/8". For 1/2" x 3/32" chainrings use #753, #753/A or 753/GS in silver only.



305 MX
GOLD
BLUE
BLACK



821
GOLD
BLUE
SILVER



822
GOLD
BLUE
SILVER



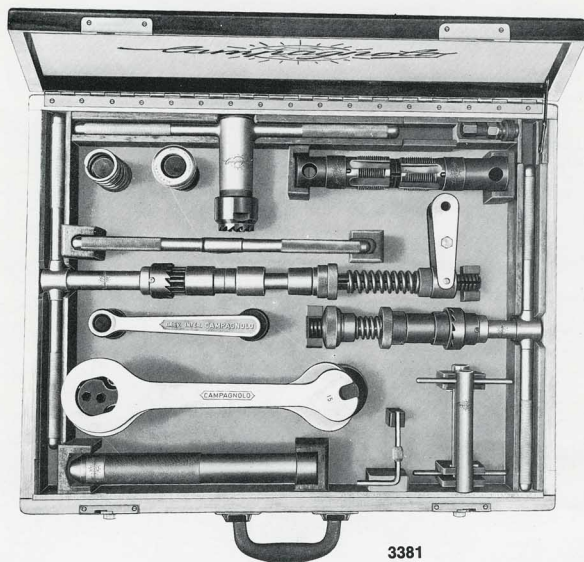
806
GOLD
BLUE
SILVER

Complete Tool Case

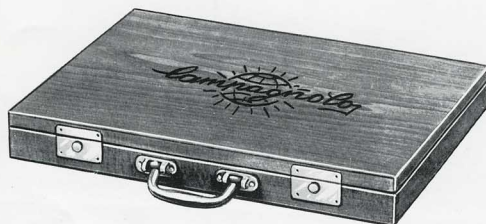


Campagnolo

Reduced Tool Case



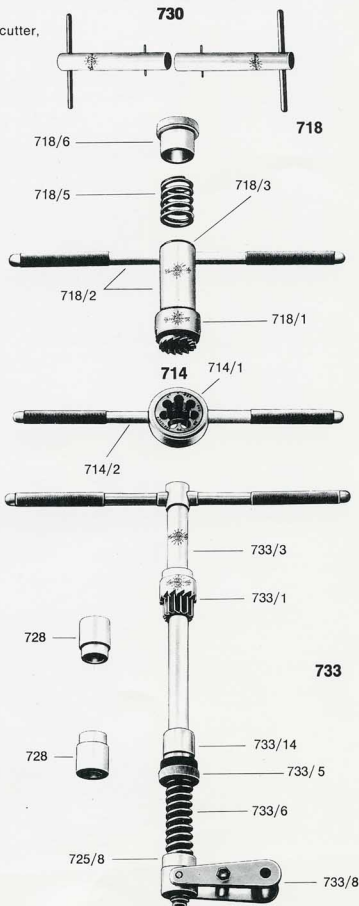
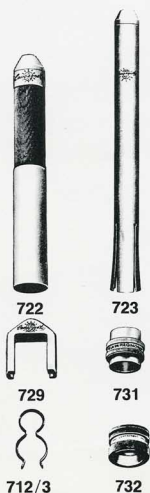
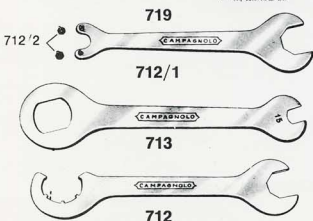
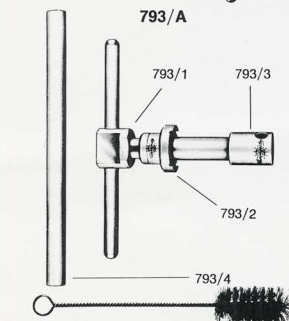
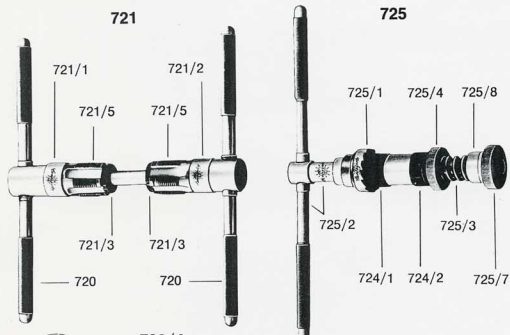
3381



- 712 * Bottom bracket locking tool
 712/1 * Bottom bracket adjusting cup tool
 712/2 * Spacing spring for 712/1
 712/3 * Spacing spring for head set tool
 713 * Bottom bracket fixed cup tool
 714 * Fork column die (specify size of threading), composed by:
 714/1 Fork column die (specify size of threading)
 714/2 Die holder body
 718 * Crown race cutter, composed by:
 718/1 Crown race mill
 718/2 Cutter holder with rotation lever
 718/3 Guide ring
 718/5 Tension spring

- 718/6 * Threaded locking (specify size of threading)
 Brush
 719 * Bottom bracket double tap (specify size of threading) composed by:
 720 * Rotation lever
 721/1 * Tap body with stem
 721/2 * Tap body with stem guide hole
 721/3 * Tap locking nut
 721/5 * Spare tap (specify size of threading)
 722 * Headset cup punch
 723 * Headset cup remover
 725 * Bottom bracket face cutter, composed by:

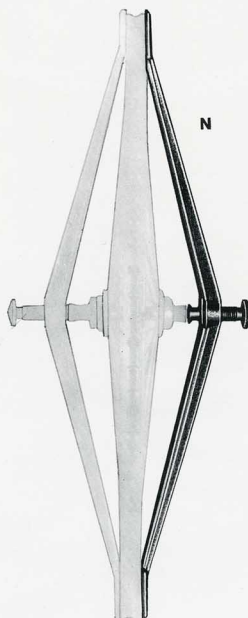
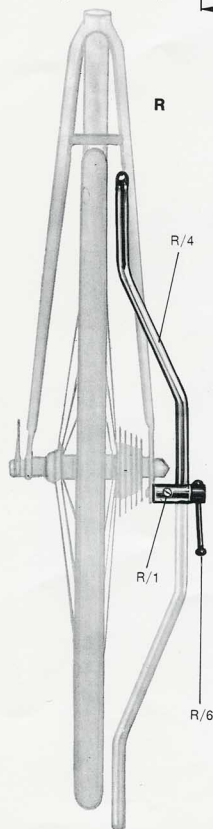
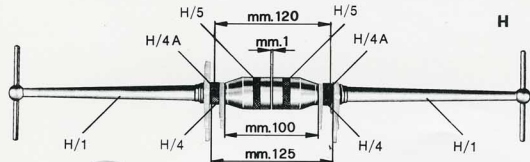
- 724/1 * Inner threaded guide sleeve for cutter 725 (specify size of threading)
 724/2 * Outer threaded guide sleeve for cutter 725 (specify size of threading)
 725/1 * Mill
 725/2 * Cutter holder stem with rotation lever
 725/3 * Tension spring
 725/4 * Washer
 725/7 * Threaded locking



- 725/8 * Toothed washer
 729 * Fork crown race remover
 730 * Set of keys for sleeve 724/1 and 724/2
 731 Headset jig
 732 Fork crown jig
 733 * Head race mill, composed by:
 725/8 * Toothed washer

- 728 * Sleeve for art. 733
 733/1 * Head race mill
 733/3 * Cutter holder with rotation lever
 733/5 * Washer
 733/6 * Tension spring
 733/8 * Lockring stirrup
 733/14 * Centraliser sleeve

- 767 * « L » shaped chainwheel screw
 alley key - 5 mm.
 768 Chainwheel screw peg spanner
 769 * Cotterless b/b axle spanner
 770 * Cotterless crank extractor
 793/A Right hand bottom bracket tool,
 composed by:
 793/1 Tool holder body with rotation
 lever
 793/2 36 mm. tool
 793/3 Cutter sleeve
 793/4 Tube for rotation tool
 G Straight edge for the alignment
 of the rudder pedals
 H Back stay tool for the perfect
 alignment of forks and fork ends,
 composed by:
 H/1 Stem with lever
 H/4 Spacer for 120 mm. width
 H/4A Additional spacer for 125 mm.
 width (to match with spacer H/4)
 H/5 Cup
 I 14t. freewheel tool, composed by:
 I/2 Ring nut lever holder
 704 Insert for freewheel removing
 tool fig. I
 704/1 Reducing insert tool fig. I for
 13t. freewheel.
 (This tool is furnished only upon
 specific request)
 N Wheel dish tool for checking the
 centering of the rim to the
 locknuts of hubs
 R Back stay tool for checking the
 hanger of the right hand
 fork end, composed by:
 R/1 Screw
 R/4 Rotating rod
 R/6 Spindle with lever



767



768



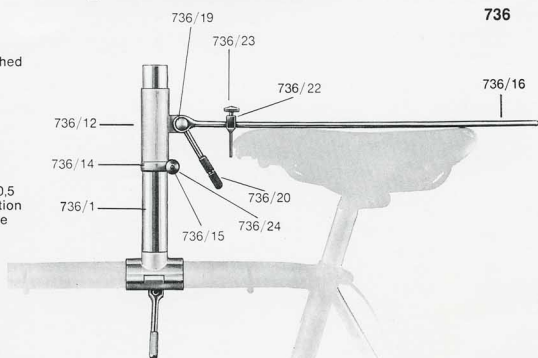
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Special Tools

- 143/2 T wrench 6-8 mm.
 710 Pedal wrench
 771 Saddle spanner
 2025 Special brake spanner
 P Axle holding tool
 Q Set of tools for cones and locknuts (13-14 mm.).
 Upon request the set is furnished with tools 15-16 mm.
 705 Pedal tap right hand
 Ø 9/16" x 20F. thread
 706 Pedal tap left hand
 Ø 9/16" x 20F. thread
 707 Gear hanger tap Ø 10 x 26F thread
 708 Mudguard eye tap M5 x 0.8
 709 Rear end adjuster tap M3 x 0.5
 736 Alignment to maintain in position the saddle when replacing the seat pin and the pin, composed by:
 736/1 Stanchion with hinge
 736/12 Sliding rod holder
 736/14 Sliding adjusting clip
 736/15 Clip fixing screw
 736/16 Saddle positioning rod
 736/19 Rod locking screw
 736/20 Rod quick release lever
 736/22 Saddle positioning plate
 736/23 Plate quick release screw
 736/24 Clip locking stirrup
 1101 Pedal spanner, composed by:
 1101/1 Multiple head (15-16-17 mm.)
 1101/2 Head locking screw
 1101/3 Multiple tool lever



771



2025



P



Q



705



706



707



708



709



1101/3



143/2



710

- 3385 100 grs. tin special grease
 3386 500 grs. tin special grease
 3387 1 kg. tin special grease



Campagnolo

Promotional Items

The Campagnolo Wings Belt Buckle... available in a brass and



pewter 3" round design.

NEW ITEM!



Set of three different Campagnolo 1984 Olympic Lapel Pins. Pins in gold, red and blue colors showing the "Stars in Motion", the 1984 Olympic theme, and each pin with a different Campagnolo logo. Set of three individually boxed.

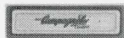


The Campagnolo Spoken Here Sticker... available in 5" window stickers or 12" cardboard signs.

For the purist in you...

Campagnolo

The Campagnolo equipped Frame Sticker... printed in black, blue, red and yellow on mylar. Available in packages of 100.



The Campagnolo equipped Gold Sticker... designed with a striped border of the world champion. Available in packages of 100.

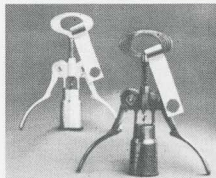


The Campagnolo Travel Bag... designed in nylon with reinforced bottom for extra wear. The Deluxe Model is available with shoulder strap and double bottom that zips from the side for easy access. Both styles, light blue with dark blue and white trim.



The Campagnolo Nutcracker... designed to crack not crush all sizes and types of nuts.

Finished in bright silver and packed in a custom-fitted gift-box.



The Campagnolo Corkscrew... designed to remove even the most difficult cork. Available in either 18K gold, silver or bronze light alloy; yellow, orange or brown plastic. Packed in a custom-fitted gift box.



The Oval Stickers... designed for frames, doors, windows, bumpers or tool chests. The Campagnolo Oval is available in 1", 4" and 12" sizes; all, in packages of 100.

LIMITED EDITION

Gold Vermeil Collectors Belt Buckle Set

Actual Size
3" x 2 1/2"



This special limited edition 24 karat gold vermeil and silver plated buckle set commemorates Tullio Campagnolo's eightieth birthday. Tullio Campagnolo is probably the single most influential individual in the history of bicycling.

The set consists of three magnificent 24 karat gold vermeil and silver plated buckles, one each as follows:

1. A 2 1/2" circular buckle with the "Campagnolo Wings" logo — the symbol of unexcelled quality in bicycle parts.
2. A 3 3/4" oval buckle with the "Prodotti Campagnolo Special" logo



3. — the world renowned symbol of quality.
 3. A 3" x 2 1/2" rectangular buckle of an exquisite reproduction of a picture of Tullio Campagnolo competing in a cycle race on the Aune Gros pass on November 11, 1927. It was during this race that Tullio Campagnolo conceived the ideas that would change the mechanics of the world of bicycling.
- The collector series is elegantly packaged in a royal blue case. The custom designed insert holds each buckle in place.

Notations

Campagnolo

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