BREVETTI INTERNAZIONALI



catalogue n. 18 bis

Campagnolo

INDEX

	page
THE COMPANY	4
ITS PRODUCTS	5
RECORD corsa group	6-7
RECORD track group	8-9
VICTORY corsa group	10-11
VICTORY leisure group	12-13
TRIOMPHE corsa group	14-15
TRIOMPHE leisure group	16-17
GEARS	18
C-RECORD gear	19
VICTORY corsa gear	20
VICTORY leisure gear	21
TRIOMPHE corsa gear	22
TRIOMPHE leisure gear	23
990 gear	24
FRONT CHANGERS	25
C-RECORD braze-on and clip-on front changers	26
VICTORY corsa braze-on and clip-on front changers	27
TRIOMPHE corsa front changers	29
TRIOMPHE leisure front changers	30
980 front changers	31
Gear control LEVERS	32
Gear control LEVERS COMPONENTS	33
HUBS sets	34
HUBS components	35
QUICK releases and relevant components	36
HEAD sets	37
CHAINWHEEL sets	38-39
CHAINWHEEL components	40
SEAT PINS	41
BOTTOM BRACKET sets	42
BOTTOM BRACKET set components	43
PEDALS sets	44
PEDALS components	45
BRAKES sets	46-47
RECORD BRAKE components	48-49
VICTORY and TRIOMPHE BRAKE components	50-51
RIMS	52
RIMS range	53
RIMS technology of performance	54

THE COMPANY

1927. Tullio Campagnolo, valid cyclist, punctures during a race on the Croce d'Aune pass.
Is is winter time: the cold, the snow and the frozen hands do not permit him to release the screws that fix the wheel to the frame.
Tullio Campagnolo loses the race, but that event is the push of a series of happy intuitions that in a few years radically change the bicycle and the cycling sport too.
Those times are now far away: today the most famous components in the world are produced by a leader Company that entrusts its performances to a valid managerial team, to its technicians' experience, to the qualifications of the employees, to its capacity to change and of updating its range of products.



ITS PRODUCTS

The vocation of the Company is certainly the production of bicycle components: Campagnolo is one of the very few Companies in the world that manufactures a complete ensemble and the only one that offers a production of exclusive quality.
All the parts as the hubs and the brakes, the gear and the chainset, the wheelworks and rims, but especially the small components such as the titanium screw for the gear and the seasoned rubber hoods for levers, witness the steady research of the quality, which is meant as safety, aesthetics, simplicity of solutions. A complete range of products which are the soul of the bicycle and which ennoble and mark it in an unmistakable way.



Campagnolo®

RECORD® corsa group

180 RECORD® corsa group

composed of: double spring gear **0102050**, clip-on front changer **0104018**, braze-on double control levers **0118071-0118072**, gear cable **606**, front changer cable **608**, steel casing **617**, small flange hubs set **322/101**, chainset with incorporated extractor **306/101**, bottom bracket set **303/101**, pedals set complete with toe-clips and toe-straps **305/101**, head set **304/104**, seat pillar with one fixing screw **316/101**, brakes set preset for the passage onf the outer, lateral and inner cables, complete with cables and casings **315/101**, fixing bolt and nut for sept pin ∅ 8, art. **1072**.

The RECORD Group: a unique and exclusive Group.
For those who demand the ultimate of themselves and of their bicycles.
Avant-garde appearance, clean lines, attention to every detail, shapes that are a challenge to the latest technology.
Brakes with a variable leverage, shifting levers with clutch mechanism, chainwheel arm incorporates with the crank: Campagnolo technology, style and reliability make the RECORD Group the top of the cycle components.

The brakes set **315/101** is not available when printing this catalogue. The group is equipped with a brake set of the Super Record family.



Campagnolo®

RECORD® pista group

182 C-RECORD® pista group

composed of: large flange hubs set **321/102**, chainset **306/102**, bottom bracket set **303/102**, pedals set with toe-clips and toe-straps **305/101**, head set **304/104**, seat pillar with one fixing screw **316/101**, fixing bolt and nut for set pin ∅ 8, art. **1072**.



VICTORY® corsa group set

269 VICTORY® group set in corsa version

composed of: rear gear with adjusting device of position for superior body, without hanger **0102045**, clip-on front changer **0104020**, double control levers, braze-on version **0118037-0118038** or clip-on version **0118060**, small flange hubs **422/000**, chain set with self extracting cranks **0355/000**, bottom bracket set **403/100**, pedals set with toe-clips and toe-straps **405/000**, head set **404/000**, styled seat pillar with one fixing screw **416/000**, brakes with levers having a carved cable-ruck for quick cable replacement complete with outer cable **415/000**.

VICTORY: a Group based on racing experience.
To equip prestigious competicion bicycles, built to last.
Strikingly modern in appearance, with articulated parallelogram derailleurs, pedals with central axis, single action saddle adjustement.
All the classic Campagnolo technical features enhanced in a new Group of winning quality.



VICTORY® leisure group set

268 VICTORY® group set in leisure version

composed of: rear gear with position adjusting device for superior body, with long cage plate, without hanger **0102047**, clip-on front changer, long fork **0104024**, double control levers, braze-on version **0118037-0118038** or clip-on version **0118060**, small flange hubs **422/000**, chain set with self-extractingcranks **0355/000**, bottom bracket set **403/100**, pedals with toe-clips and toe-straps **405/000**, head set **404/000**, styled seat pillar with one fixing screw **416/000**, brakes with levers having a carve cable-ruck for quick cable replacement complete with outer cable **415/000**.

VICTORY: The Leisure version is for those who don't look for ultimate performances in riding, but who still want an exceptionally dependable machine.
VICTORY Leisure: large capacity long-arm changer for a more comfortable ride over hilly terrain.



TRIOMPHE® corsa group set

267 TRIOMPHE® group set in corsa version

composed of: rear gear without hanger **0102055**, clip-on front changer **0104026**, double control levers braze-on version **0118042-0118043** or clip-on version **0118061**, small flange hubs **922/000**, chain set with screw and washer for bottom bracket fitting **0365/000**, bottom bracket set **903/100**, pedals set with toe-clips and toe-straps **905/000**, head set **904/000**, styled seat pillar with one screw **416/000**, brakes with levers and cables **915/000**.

TRIOMPHE: Campagnolo technology reaches many lightweight racing bicycles.
For a wide open space sport, which is getting younger, year by year, in competition and in enjoiment.
Well tested technical solutions, a renewed tradition, an undisputed experience: the TRIOMPHE Group is signed Campagnolo.



TRIOMPHE® leisure group set

266 TRIOMPHE® group set in leisure version

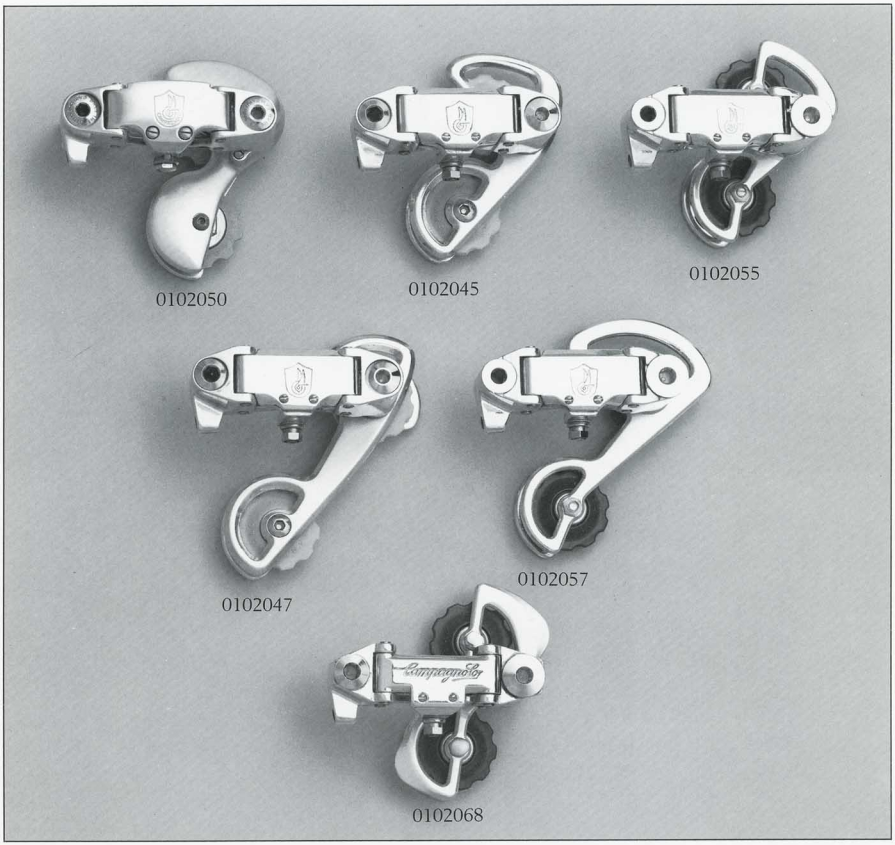
composed of: rear gear without hanger, long cage plate **0102057**, clip-on front changer, long fork **0104027**, double control levers, braze-on version **0118042-0118043** or in clip-on version **0118061**, small flange hubs **922/000**, chain set with screw and washer for bottom bracket fitting **0365/000**, bottom bracket set **903/100**, pedals set with toe-clips and toe-straps **905/000**, head set **904/000**, styled seat pillar with one fixing screw **416/000**, brakes with levers and cables **915/000**.

TRIOMPHE: The Leisure version is for cycling enthusiasts who want lower, more "comfortable" gears.
"A TRIOMPHE Leisure bicycle": the bicycle to get on and go, to widen your horizons.
The bicycle one can't stop loving.



GEARS

0102050 «C-RECORD» gear
0102045 «VICTORY» corsa gear
0102047 «VICTORY» leisure gear
0102055 «TRIOMPHE» corsa gear
0102057 «TRIOMPHE» leisure gear
0102068 «990» gear



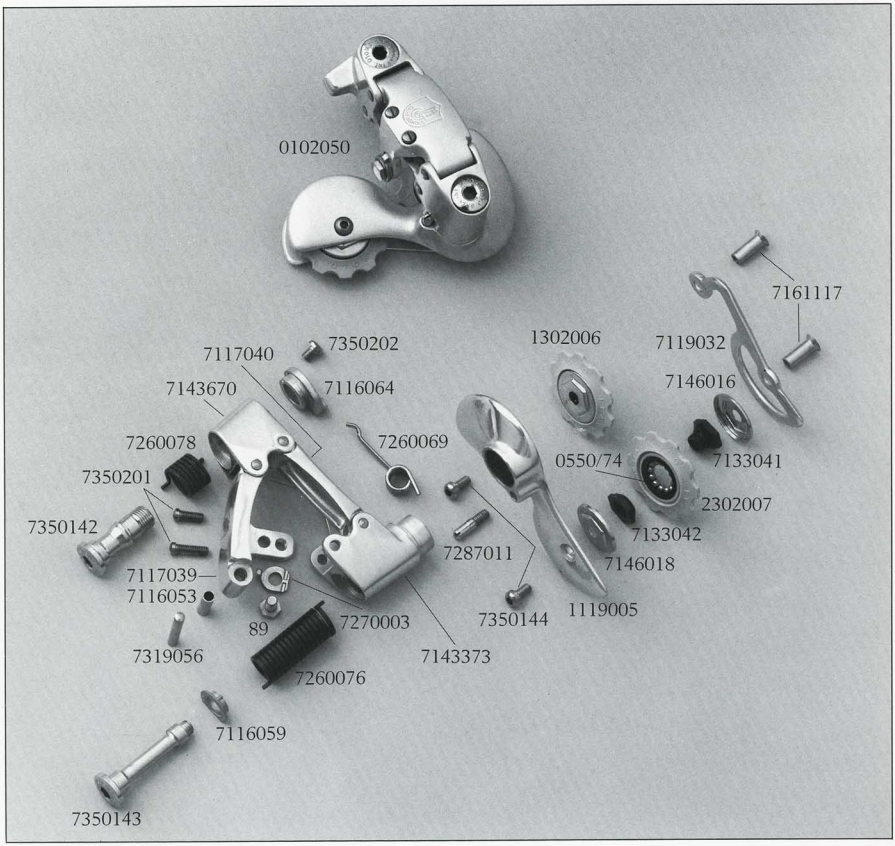
C-RECORD® gear

0102050 composed of:

0550/74 set (12) roller balls, **89** cable fixing screw, **1119005** front cage plate **2302007** roller, **7116053** ferrule, **7116059** bush, **7116064** upper body bush, **7117039** front arm, **7117040** inner arm, **7119032** inner cage plate, **7133041** male cone for roller, **7133042** female cone for roller, **7143373** lower body, **7143670** upper body, **7146016** roller dust cover, **7146018** roller dust cover with indentation, **7161117** roller fixing screw, **7260069** return spring, **7260076** cage plate rotation spring, **7260078** upper body spring, **7270003** clamp washer, **7287011** grub screw, **7319056** arm rivet, **7350142** gear hanger screw, **7350143** spring cage screw, **7350144** roller fixing screw, **7250201** adjusting screw, **7350202** bush clamp screw.

Roller **1302006** complete with: 0500/74-2302007, 7133041, 7133042, 7146016, 7146018.

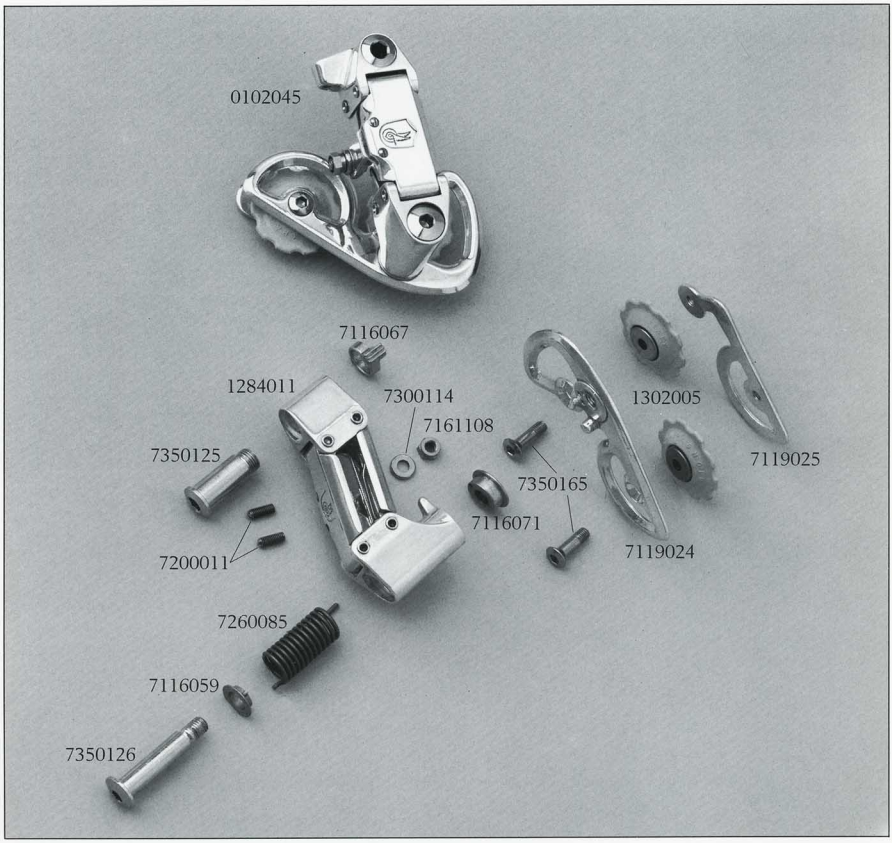
REMARK: The roller is supplied only complete.



VICTORY® corsa gear

0102045 composed of:
1302005 gear roller, **7116059** bush, **7116067** upper body bush, **7116071** lower body ferrule, **7119024** front cage plate, **7119025** inner cage plate, **7161108** nut, **7200011** adjusting screw, **7260085** gear spring, **7300114** washer, **7350125** gear hanger screw, **7350126** spring cage screw, **7350165** gear fixing screw.

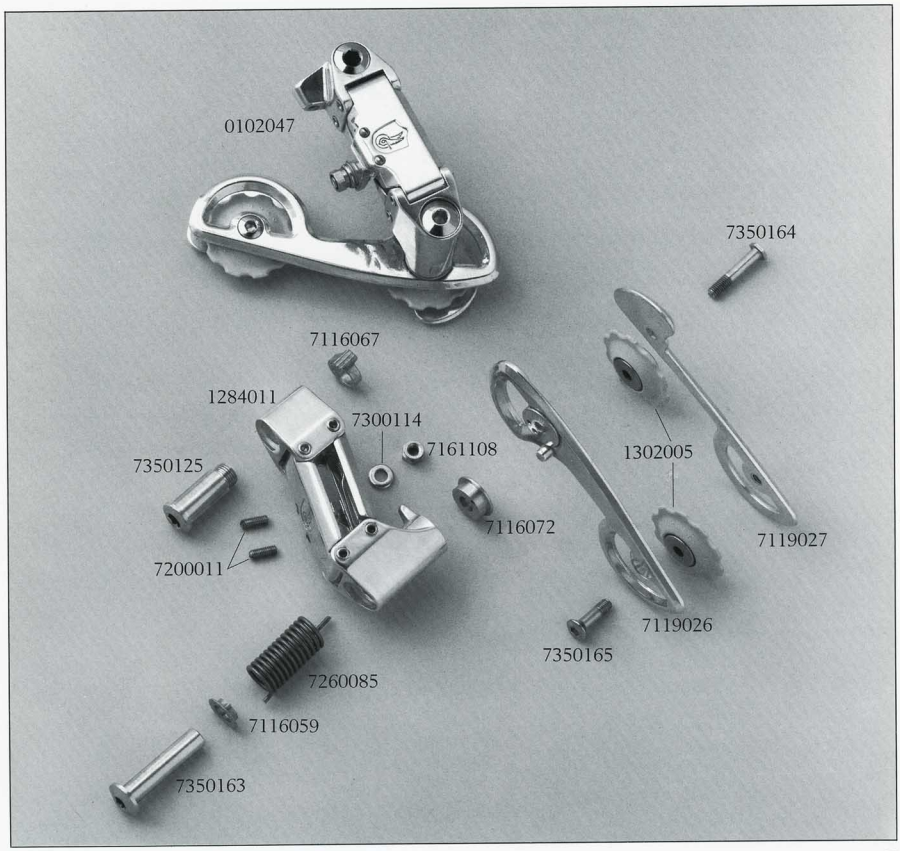
Parallelogram **1284011** complete with:
7116053 ferrule, **7117045** front arm, **7117046** inner arm, **7143359** lower body, **7143668** upper body, **7222025** insert for adjusting screws, **7260069** gear return spring, **7319932** pin, **7350119** gear cable fixing screw (the components of the parallelogram **1284011**are not supplied disassembled)



VICTORY® leisure gear

0102047 composed of:
1302005 gear roller, **7116059** bush, **7116067** upper body bush, **7116072** lower body ferrule, **7119026** front cage plate, **7119027** inner cage plate, **7161108** nut, **7200011** adjusting screw, **7260085** gear spring, **7300114** washer, **7350125** gear hanger screw, **7350163** spring cage screw, **7350164** roller screw for long cage plate, **7350165** roller fixing screw.

Parallelogram **1284011** complete with:
7116053 gear ferrule, **7117045** front arm, **7117046** inner arm, **7143359** lower body, **7143668** upper body, **7222025** insert for adjusting screws, **7260069** gear return spring, **7319032** pin, **7350119** gear cable fixing screw (the components of the parallelogram **1284011** are not supplied disassembled).

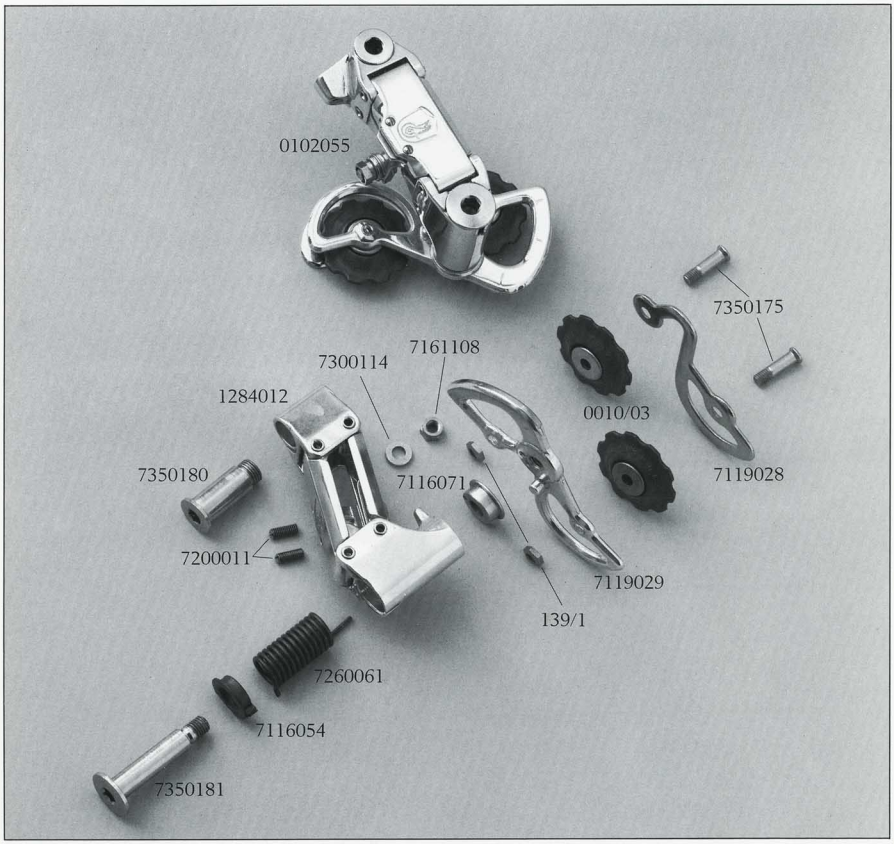


TRIOMPHE® corsa gear

0102055 composed of:

0010/03 roller, **139/1** nut, **7116054** bush, **7116071** lower body ferrule, **7119028** inner cage plate, **7119029** front cage plate, **7161108** cable fixing screw nut, **7200011** adjusting screw, **7260061** gear spring, **7300114** washer, **7350175** roller fixing screw, **7350180** gear hanger screw, **7350181** spring cage screw.

Parallelogram **1284012** complete with:
7116053 ferrule, **7117045** front arm, **7117046** inner arm, **7143358** upper body, **7143669** lower body, **7222025** insert for adjusting screws, **7260069** gear return spring, **7319032** screws, **7350119** cable fixing screw (the components of the parallelogram **1284012** are not supplied disassembled).

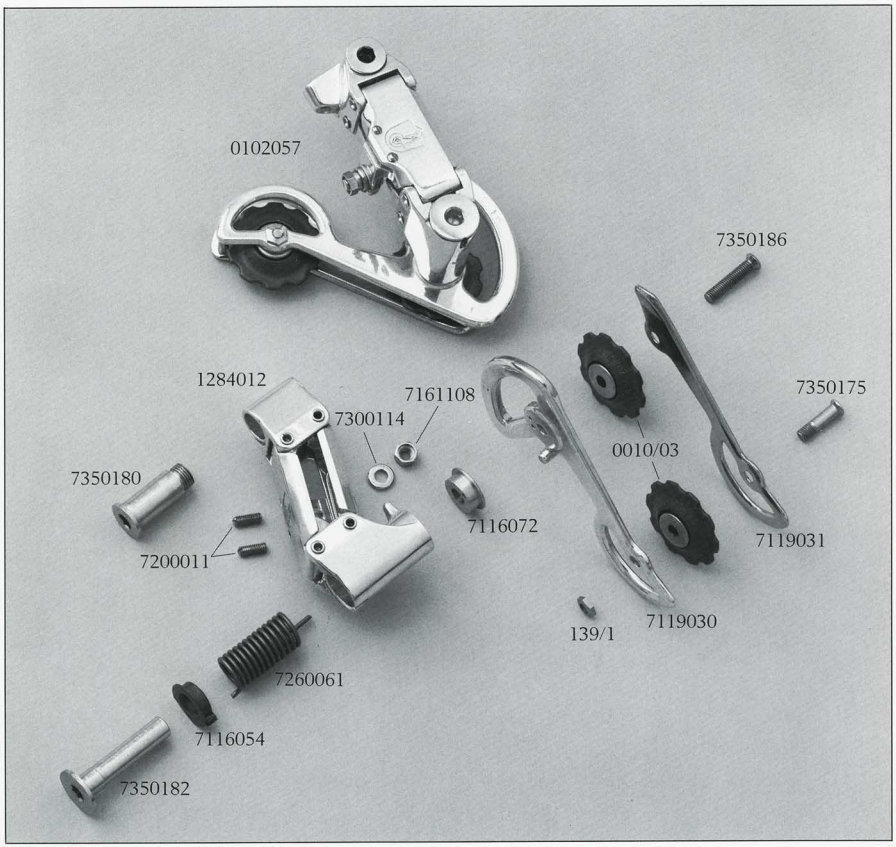


TRIOMPHE® leisure gear

0102057 composed of:

0010/03 gear roller, **139/1** nut, **7116054** bush, **7116072** lower body ferrule, **7119030** front cage plate, **7119031** inner cage plate, **7161108** cable fixing screw nut, **7200011** adjusting screw, **7160061** gear spring, **7300114** washer, **7350175** roller fixing screw, **7350180** gear hanger screw, **7350182** spring cage screw, **7350186** roller screw for long cage plate gear.

Parallelogram **1284012** complete with:
7116053 ferrule, **7117045** front arm, **7117046** inner arm, **7143358**, upper body, **7143669** lower body, **7222025** insert for adjusting screw, **7260069** gear return spring, **7319032** screw, **7350119** cable fixing screw (the components of the parallelogram **1284012** are not supplied disassembled).

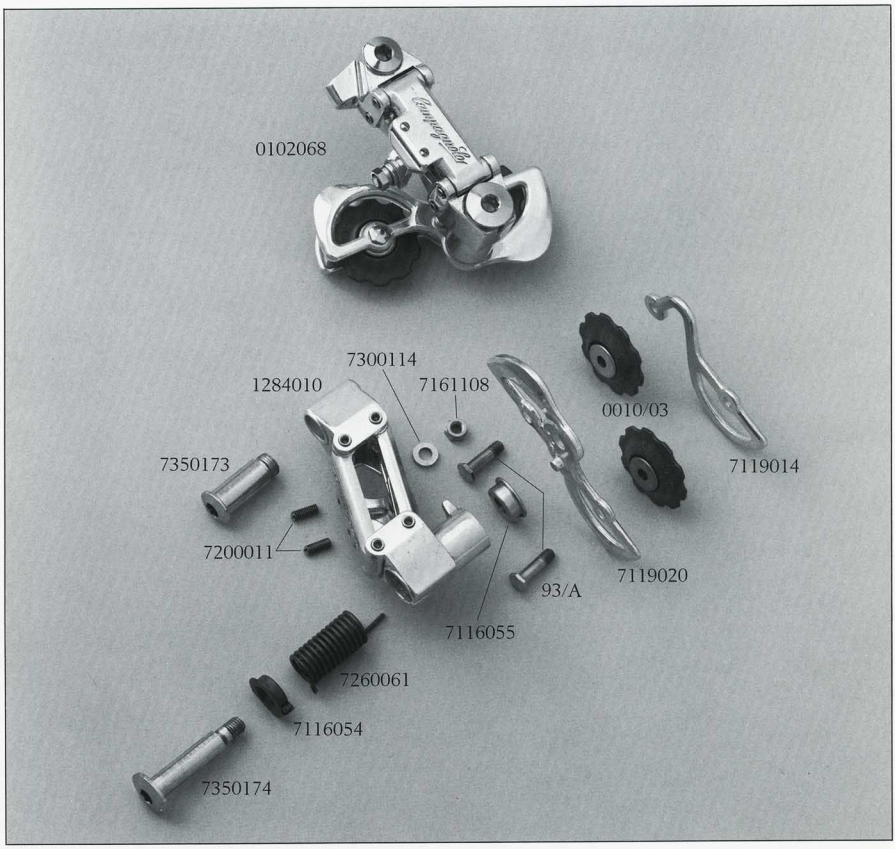


990 gear

0102068 composed of:

0010/03 gear roller, **93/A** roller fixing screw, **7116054** bush, **7116055** ferrule, **7119014** inner cage plate, **7119020** front cage plate, **7161108** nut, **7200011** adjusting screw, **7260061** gear spring, **7300114** washer, **7350173** gear hanger screw, **7350174** cage plate screw.

Parallelogram **1284010** complete with:
7116059 ferrule, **7117024**, inner arm, **7117034** front arm, **7143357** lower body, **7143679** upper body, **7222021** friction insert for adjusting screws, **7260069** gear return spring, **7319032** screw, **7350119** gear cable fixing screw (the components of the parallelogram **1284010** are not supplied disassembled).



FRONT CHANGERS

0104018 «C-RECORD» clip-on front changer
0104019 «C-RECORD» braze-on front changer
0104020 «VICTORY» corsa clip-on front changer
0104021 «VICTORY» corsa braze-on front changer
0104024 «VICTORY» leisure clip-on front changer
0104025 «VICTORY» leisure braze-on front changer
0104026 «TRIOMPHE» corsa clip-on front changer
0104027 «TRIOMPHE» corsa braze-on front changer
0104012 «980» clip-on front changer
0104013 «980» clip-on large fork front changer

Remark: The bodies and the forks of the front changers are supplied only complete.



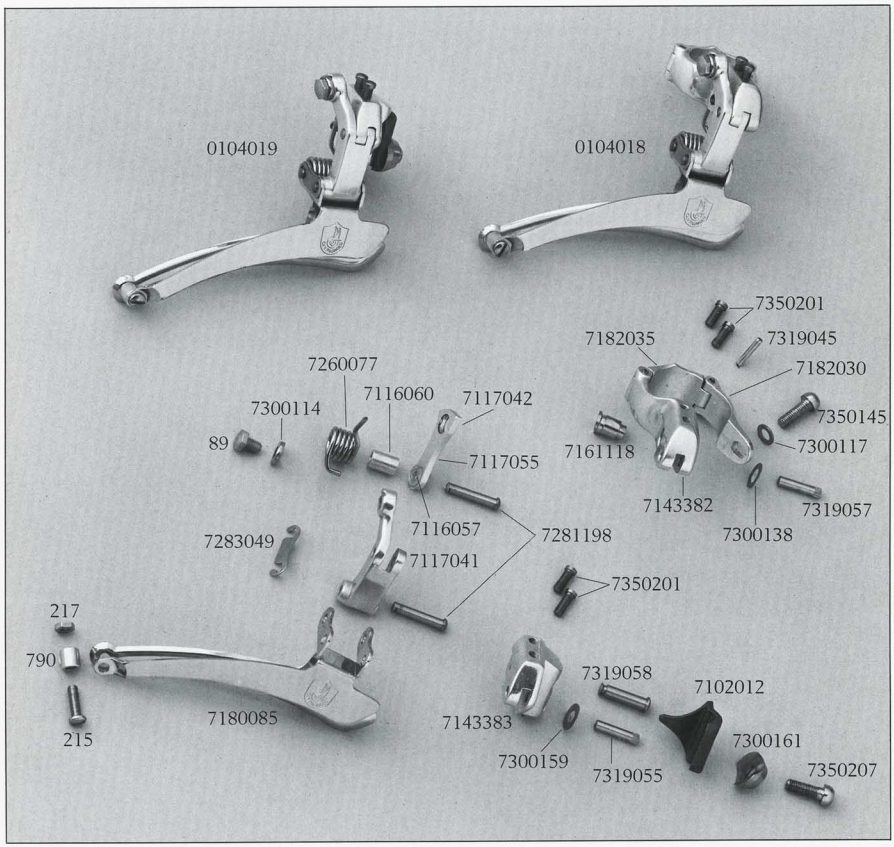
C-RECORD® braze-on and clip-on front changers

0104018 and 0104019 composed of:

89 cable fixing screw, **215** fork cage bolt, **217** nut, **790** bush, **7102012** braze-on boss, **7116057** lower arm bush, **7116060** cage spring bush, **7117041** front arm, **7117042** clip-on front changer inner arm, **7117055** braze-on front changer arm, **7161118** clip fixing nut, **7180085** front changer fork, **7182030** fixing clip, **7182035** inner clip, **7260077** return spring, **7181198** fork fixing axle, **7283049** arm stop plate, **7300114** cable fixing screw washer, **7300117** fixing clip screw washer, **7300138** fixing clip nut washer, **7300159** braze-on front changer washer, **7300161** braze-on front changer concave washer, **7319045** clip pin, **7319055** front arm bolt for braze-on front changer, **7319057** front arm pin for clip-on front changer, **7319058** inner arm pin for braze-on front changer, **7350145** clip-on front changer fixing screw, **7350201** adjusting screw, **7350207** braze-on front changer fixing screw.

Clip-on body **1143067** complete with: 7143382, 7161118, 7182030, 7182035, 7300117, 7319045, 7350145.

Braze-on body **1143068** complete with: 7143383, 7300105, 7319055, 7319058, 7350207.



VICTORY® braze-on and clip-on front changer

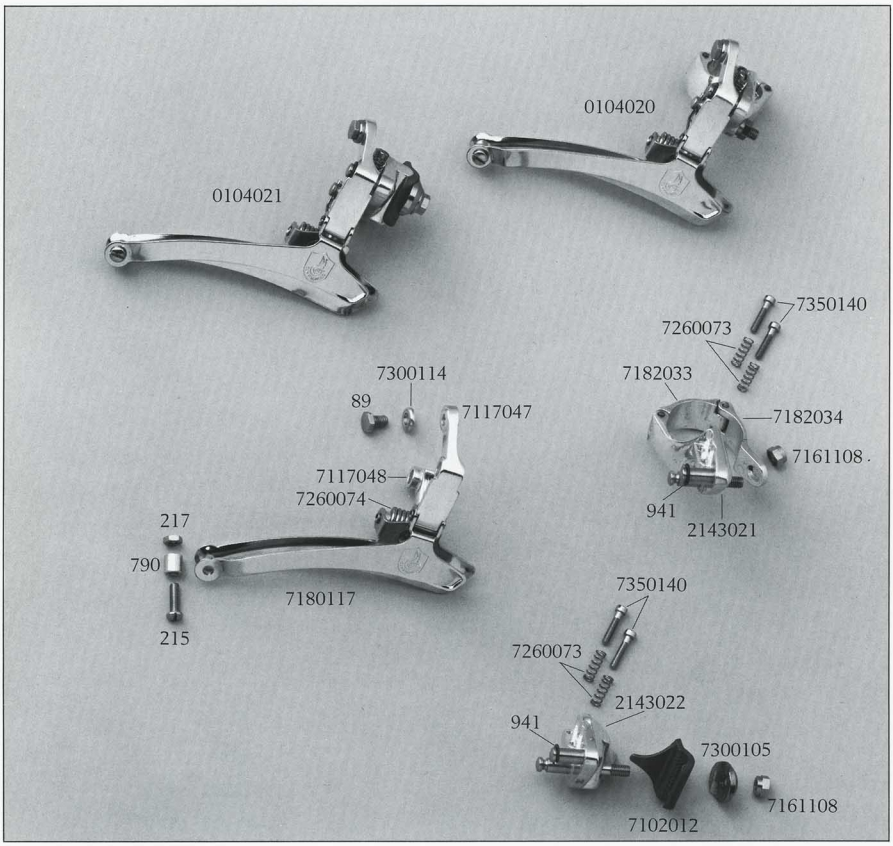
0104020 and 0104021 composed of:

89 fixing screw, **215** fork cage bolt, **217** nut, **790** bush, **941** circlip, **7102012** braze-on boss, **7117047** front arm, **7117048** inner arm, **7161108** nut, **7182033** inner clip, **7182034** locking clip, **7260073** adjusting screw spring, **7260074** gear return spring, **7300105** convex washer, **7300114** washer, **7350140** adjusting screw.

Fork **1180008** complete with: 215, 217, 790, 7117048, 7180117, 7260074.

Clip-on body **1143064** complete with: 941, 2143021, 7161108, 7182034.

Braze-on body **1143066** complete with: 941, 2143022, 7102012, 7300105, 7161108.



VICTORY® braze-on and clip-on front changer

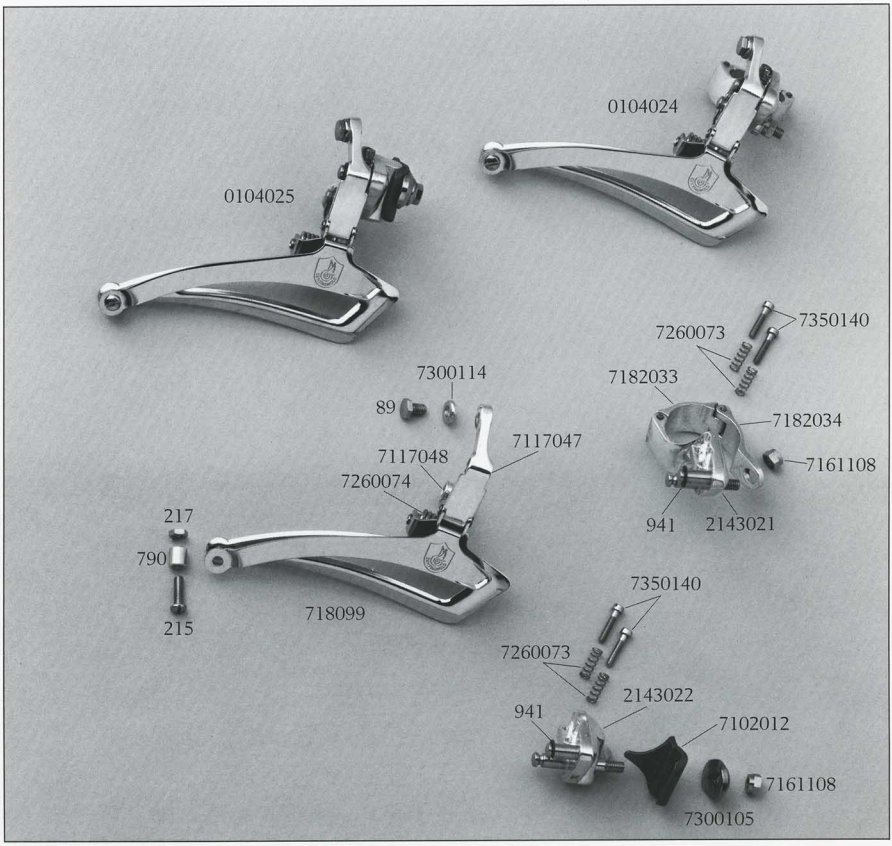
0104024 and 0104025 composed of:

89 cable fixing screw, **215** fork cage bolt, **217** nut, **790** bush, **941** circlip, **7102012** braze-on boss, **7117047** front arm, **7117048** inner arm, **7161108** nut, **7182033** inner clip, **7182034** locking clip, **7260073** adjusting screw spring, **7260074** return spring, **7300105** convex washer, **7300114** washers, **7350140** adjusting screw.

Fork **1180009** complete with: 215, 217, 790, 7117047, 7117048, 7180099, 7260074.

Clip-on body **1143064** complete with: 941, 2143021, 7161108, 7182033, 7182034.

Braze-on body **1143066** complete with: 941, 2143022, 7102012, 7300105, 7161108.



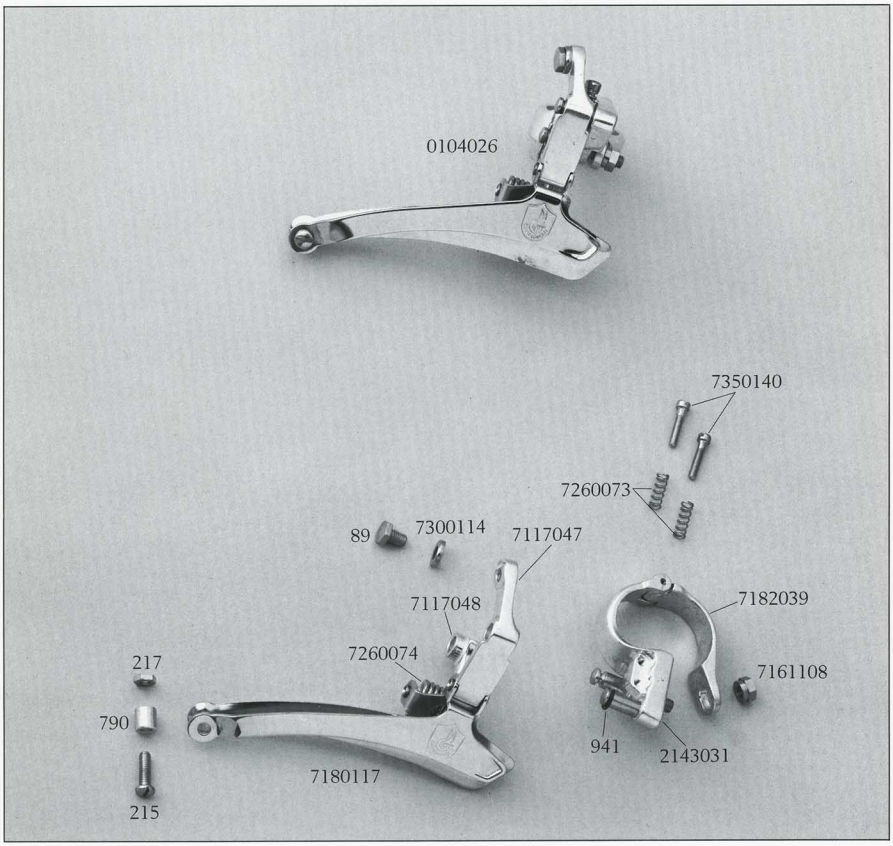
TRIOMPHE® corsa front changer

0104026 composed of:

89 cable fixing screw, **215** fork cage bolt, **217** nut, **790** bush, **941** circlip, **7117047** front arm, **7117048** inner arm, **7161108** nut, **7182039** fixing clip, **7260073** adjusting screw spring, **7260074** return spring, **7300114** washers, **7350140** adjusting spring.

Fork **1180008** complete with: 215, 217, 790, 7117047, 7117048, 7260074, 7180117.

Body **1143065** complete with: 941, 2143031, 7161108, 7182039.



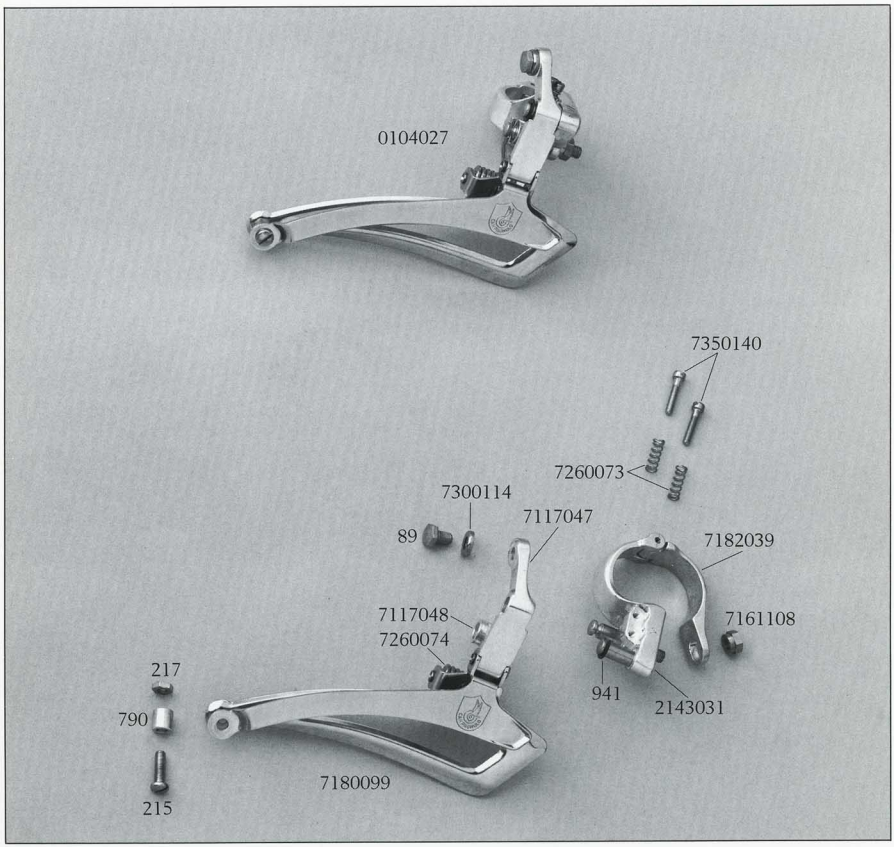
TRIOMPHE® leisure front changer

0104027 composed of:

89 cable fixing screw, **215** fork cage bolt, **217** nut, **790** bush, **941** circlip, **7117047** front arm, **7117048** inner arm, **7161108** nut, **7182039** fixing clip, **7260073** adjusting screw spring, **7260074** return spring, **7300114** washer, **7350140** adjusting screw.

Fork **1180009** complete with: 215, 217, 790, 7117047, 7117048, 7180099, 7260074.

Body **1143065** complete with: 941, 2143031, 7161108, 7182039.



980 Front Changer

0104012 and 0104013 composed of:

89 cable fixing screw, **215** fork cage bolt, **217** nut, **790** bush, **2215/A** adjusting spring, **2217** adjusting screw spring, **7117025** upper arm, **7117048** inner arm, **7161108** nut, **7182026** fixing clip, **7260063** return spring, **7300114** cable fixing washer.

Small fork **1180005** complete with: 215, 217, 790, 7117025, 7117048, 7180077, 7260063.

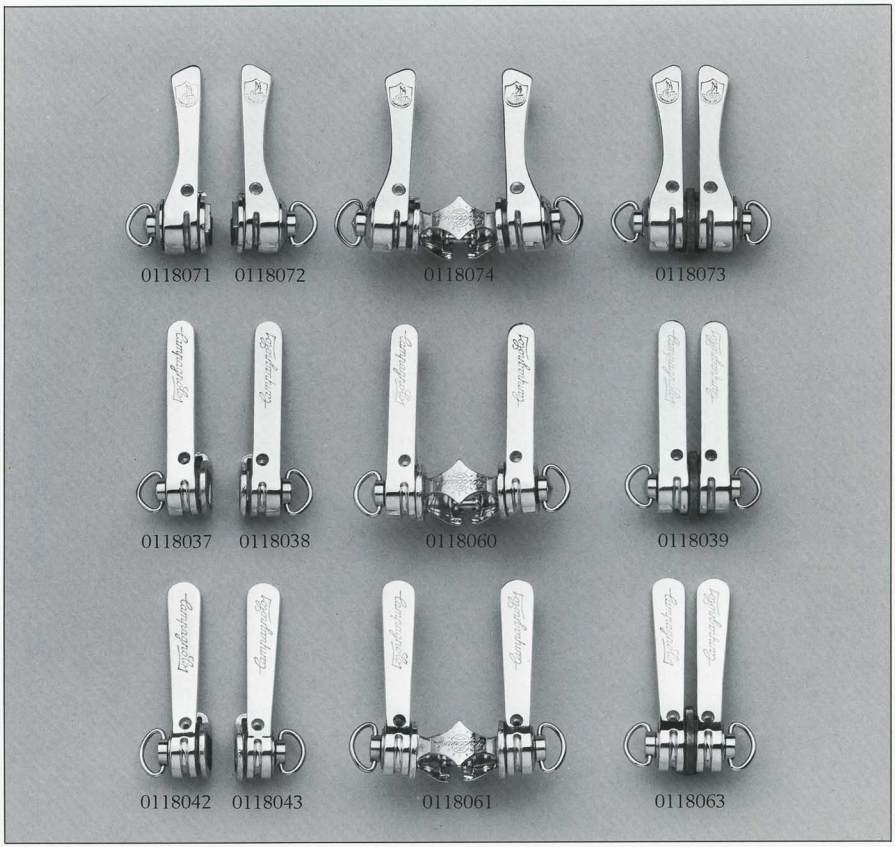
Large fork **1180007** complete with: 215, 217, 790, 7117025, 7117048, 7180099, 7260063.

Body **1143046** complete with: 941, 2143015, 7161108, 7182026.



Gear control levers

0118071 «C-RECORD» braze-on gear lever, without boss 660
0118072 «C-RECORD» braze-on front changer lever, without boss 660
0118073 «C-RECORD» braze-on on top of tube lever
0118074 «C-RECORD» clip-on lever
0118037 «VICTORY» braze-on gear lever, without boss 660
0118038 «VICTORY» braze-on front changer lever, without boss 660
0118039 «VICTORY» braze-on on top of tube double levers
0118060 «VICTORY» clip-on double levers
0118042 «TRIOMPHE» braze-on gear lever, without boss 660
0118043 «TRIOMPHE» braze-on front changer lever, without boss 660
0118061 «TRIOMPHE» clip-on double levers
0118063 «TRIOMPHE» braze-on on top of tube double levers



Campagnolo

GEAR CONTROL LEVERS components

COMPONENTS	C-RECORD	VICTORY	TRIOMPHE
Gear braze-on control levers*	0118071	0118037	0118042
Front changer braze-on control levers*	0118072	0118038	0118043
Adjusting wing nut	604/1	1202004	1202003
Outer friction washers	7306005	0190/06	0190/06
R.H. lever	1264041	7264018	7264020
L.H. lever	1264015	7264019	7264021
Inner friction washer	7306004	0190/04	0190/04
R.H. bracket	7320031	7320025	7320025
L.H. bracket	7320032	7320026	7320026
Braze-on boss	660	660	660
Clip-on twin control levers*	0118074	0118060	0118061
Adjusting wing nut	604/1	1202004	1202003
Outer friction washers	7306005	0190/06	0190/06
R.H. lever	1264014	7264018	7264020
L.H. lever	1264015	7264019	7264021
Inner friction washer	7306004	–	–
Clip fixing nut	777	777	777
Clip fixing screw	609/1	609/1	609/1
Twin control lever clip	1182021	1182021	1182021
Braze-on on top tube levers*	0118073	0118039	0118063
Adjusting wing nut	604/1	1202004	1202003
Outer friction washers	7306005	0190/06	0190/06
R.H. lever	1264014	7264018	7264020
L.H. lever	1264015	7264019	7264021
Washer	7300152	–	–
Inner friction lever	7306004	0190/04	0190/04
On top of tube braze-on boss	7316014	7316014	7316014
COMMON PARTS			
Convex washer	–	–	7304005
Washers	–	–	7320115
Disc spring	–	0190/07	–
Cover	7136040	7136030	–
Cup spring	7325002	–	–
Bush	7325002	–	–

Remark: In the packages are not included the b/o bosses 660 and 7316014 must ber ordered separately.

*** See also COMMON PARTS.**

Campagnolo

HUBS sets

322/101 «C-RECORD» s.f. hubs sets with original q.r. (24-28-32-36-40 holes)
321/101 «C-RECORD» l.f. hubs sets with original q.r. (24-28-32-36-40 holes)
322/102 «C-RECORD» s.f. solid spindle track hubs sets (24-28-32-36-40 holes)
321/102 «C-RECORD» l.f. solid spindle track hubs sets (24-28-32-36-40 holes)
422/000 «VICTORY» s.f. hubs sets with original q.r. (32-36 holes)
421/000 «VICTORY» l.f. hubs sets with original q.r. (32-36 holes)
922/000 «TRIOMPHE» s.f. hubs sets with original q.r. (36 holes)
921/000 «TRIOMPHE» l.f. hubs sets with original q.r. (36 holes)

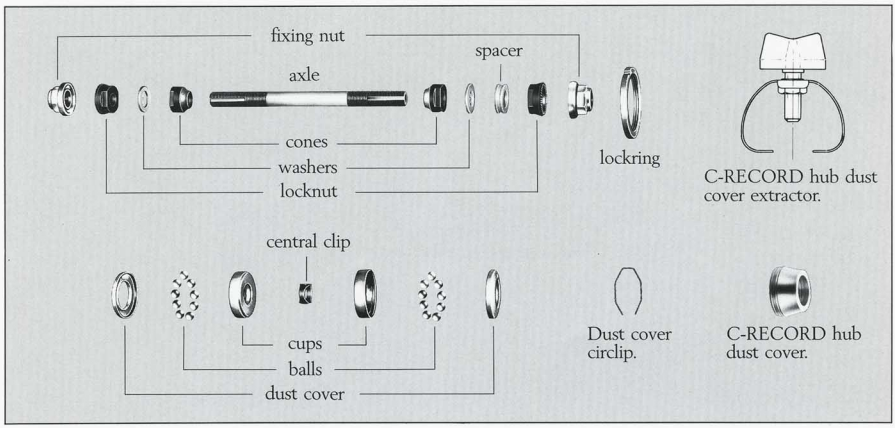
Remark: If not specified the hubs will be supplied: 36 holes, Italia thread, 6 speed.



HUBS Components

COMPONENTS	C-RECORD corsa	C-RECORD track	VICTORY	TRIOMPHE
Front hub cup	7131071	7131071	1270	1270
Front dust cover	7146011	7146011	7146012	7146012
Front axle	19	19/P	420/003	420/003
Front cone	7133051	7133051	7133052	7133052
Front washer	320/001	320/001	420/001	420/001
Front lockring	7161128	7161128	1	1
3/16" front ball sets (9+9)	2104	2104	2104	2104
Circlip for front dust cover	7100033	7100033	–	–
Central clip	7182028	7182028	–	–
Rear hub cup	7131072	7131072	1271	1271
Rear dust cover	7146015	7146015	7146013	7146013
L.H. rear dust cover	7146014	7146017	–	–
Rear axle	29/R	29/P	420/004	420/004
Rear cone	7133053	7133053	7133053	7133053
Rear teethed washer	320/002	320/002	420/002	420/002
Rear lockring	7161129	1283	1283	1283
1/4" rear ball sets (9+9)	2106	2106	2106	2106
Circlip for rear dust cover	7100034	7100034	–	–
Front fixing screw	–	667	–	–
Rear fixing screw	–	668	–	–
Spacers	46	–	46	46
Lockring	–	743	–	–

Remark: For the extraction of the dust covers from the C-RECORD corsa and track hubs it is necessary to use the EXTRACTOR 1170004 to ber ordered separately.

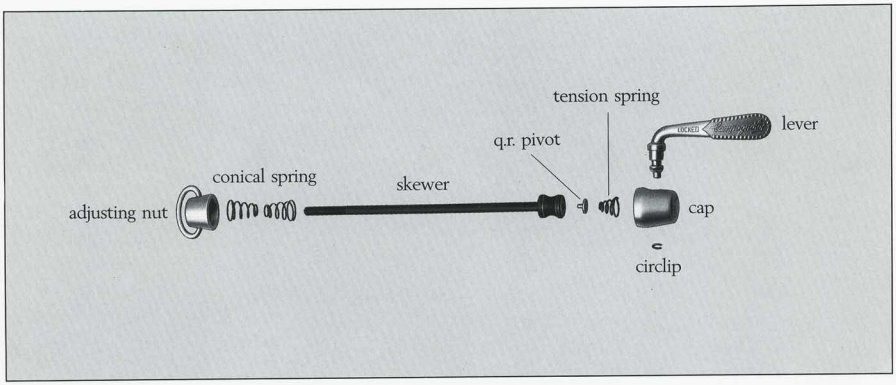


QUICK RELEASE Components

314/101 «C-RECORD»complete front quick release
314/102 «C-RECORD» complete rear quick release
414/101 «VICTORY» complete front quick release
414/102 «VICTORY» complete rear quick release
914/101 «TRIOMPHE» complete front quick release
914/102 «TRIOMPHE» complete rear quick release

COMPONENTS	C-RECORD	VICTORY	TRIOMPHE
Cap	7142008	7142009	7142010
Tension spring	1304	1304	1304
Lever	7264026	7264027	7264027
Q.r. pivot	7281199	–	–
Front skewer	314/001	1305	1305
Rear skewer	314/002	1306	1306
Adjusting nut	2202003	2161006	7161141
Spring	–	1309	1309
Conical spring	18	18	18
Circlip	–	7100040	7100040

Remark: The quick releases and relevant skewers are available in the versions: five, six, seven speed. If not specifies the six speed version will be supplied.

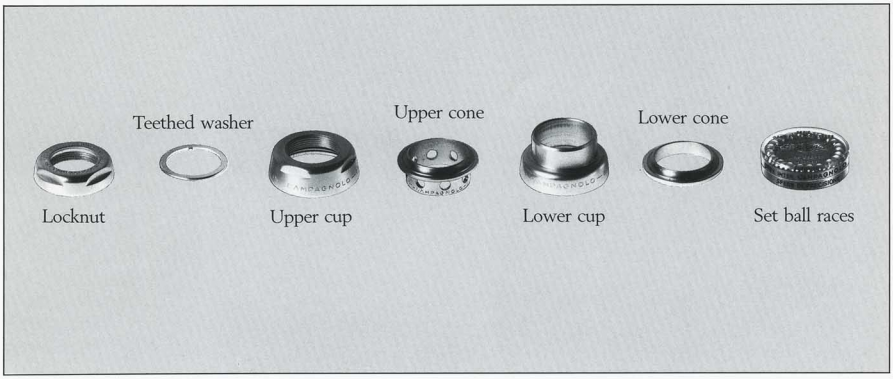


HEAD Sets

304/104 «C-RECORD» corsa and track head set
404/000 «VICTORY» corsa and leisure head set
904/000 «TRIOMPHE» corsa and leisure head set

COMPONENTS	C-RECORD	VICTORY	TRIOMPHE
Locknut	304/003	681	681
Teethed washers	7300119	682	682
Upper cup	304/004	404/001	904/001
Upper cone	7133045	684	684
Lower cup	1131038	685	7131084
Lower cone	7133046	686	7133063
Set ball races	1134014	2101	2101

Remark: Each model is available with Italian, French, Bsa thread. If not specified Italian thread will be supplied.



Campagnolo

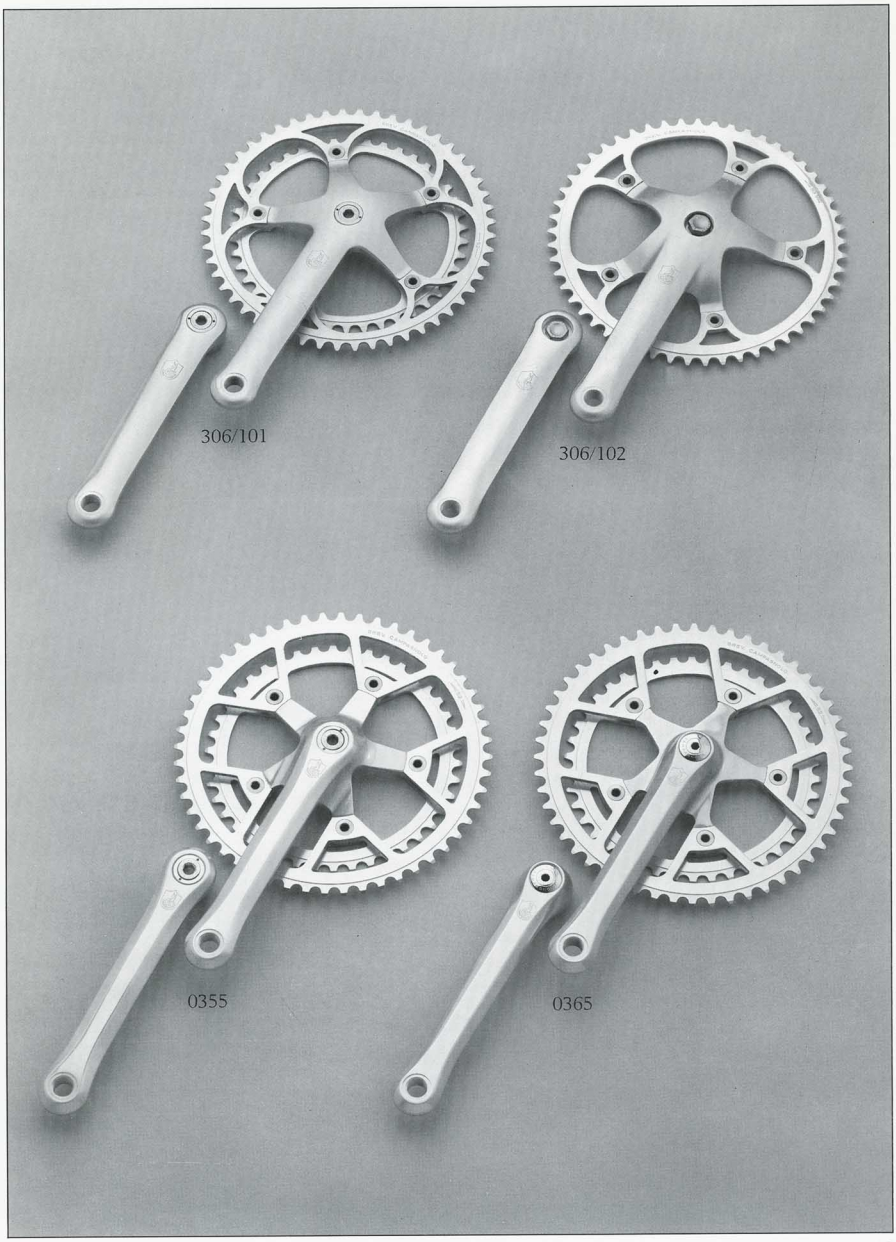
CHAINWHEEL components

0355 « VICTORY » corsa and leisure chainwheel set, 116 mm w., 170 mm long crank, pedal hole ø 9/16"x20F. and 1/2x3/32" (2 mm) chainrings, available in 35, 36, 37, 38, 39, 40, 41, 42, 43, 50, 51, 52, 53, teeth.

0365 « TRIOMPHE » corsa and leisure chainwheel set, 116 mm w., 170 mm long crank, pedal hole ø 9/16"x20F. and 1/2x 3/32" (2 mm) chainrings, available in 35, 36, 37, 38, 39, 40, 41, 42, 50, 51, 52, 53 teeth.

306/101 « C-RECORD » corsa chainwheel set, 135 mm w., 170 mm long crank, pedal hole ø 9/16"x20F. and 1/2x3/32" (2 mm) chainring. Specify number of rings available from 39 to 57 teeth. Upon request cranks 165, 167.5, 172.5, 175, 180 mm long are supplied.

306/102 « C-RECORD » track chainwheel set, 144 mm w., 170 mm long crank, pedal hole ø9/16"x20F. and 1/2x1/8" chainrings (3 mm). Specify number of rings available from 42 to 56 teeth. Upon request cranks 165, 167.5, 172.5, 175, 177.5, 180 mm long and rings 1/2x1/8" (2 mm) are supplied.


306/101
306/102
0355
0365

CHAINWHEEL SET Components

306/051 «C-RECORD» corsa chainring 1/2x3/32" (2 mm)
760/A «C-RECORD» track chainring 1/2x1/8" (3 mm)
3327/GS «VICTORY» and «TRIOMPHE» 1/2x3/32" (2 mm)

number of teeth of chainrings	chainrings in mm			
	C-RECORD Corsa	C-RECORD Track	VICTORY	TRIOMPHE
35	–	–	116	116
36	–	–	116	116
37	–	–	116	116
38	–	–	116	116
39	135	–	116	116
40	135	–	116	116
41	135	–	116	116
42	135	144	116	116
43	135	144	116	116
44	135	144	–	–
45	135	144	–	–
46	135	144	–	–
47	135	144	–	–
48	135	144	–	–
49	135	144	–	–
50	135	144	116	116
51	135	144	116	116
52	135	144	116	116
53	135	144	116	116
54	135	144	–	–
55	135	144	–	–
56	135	144	–	–
57	135	–	–	–

CRANKS	C-RECORD Corsa	C-RECORD Track	VICTORY	TRIOMPHE
Right hand crank	306/001	306/003	406/001	906/001
Left hand crank	306/002	306/004	406/002	906/002

CRANKS LENGTH in mm	C-RECORD Corsa	C-RECORD Track	VICTORY	TRIOMPHE
165	●	●		
167,5	●	●		
170	●	●	●	●
172,5	●	●		
175	●	●		
177,5	●	●		
180	●	●		

COMPONENTS	C-RECORD Corsa	C-RECORD Track	VICTORY	TRIOMPHE
Chainrings fix. screw	754	761	754	754
Chainring fix. nut	755	762	755	755
Screw with incorporated extractor	2350001	–	2350001	–
Washer	7300116	–	7300116	–
Cover	–	756	–	756

Remark: For the C-RECORD ranges specify the crank length. If not specified the standard version 170 mm long will be supplied.

SEAT PINS

316/101 «C-RECORD» corsa and track with one fixing screw, 180 mm long, **styled** seat pin.
316/102 «C-RECORD» corsa and track with one fixing screw, 130 mm long, **circular** seat pin.
Available in the following diametres: 25, 25.8, 26, 26.2, 26.4, 26.6, 26.8, 27, 27.2.

416/000 «VICTORY» and «TRIOMPHE» corsa and leisure, with one fixing screw, 180 mm long **styled** seat pin.
416/101 «VICTORY» and «TRIOMPHE» corsa and leisure, with one fixing screw, 130 mm long, **circular** seat pin.
Available in the following diametres: 25, 26.2, 26.4, 26.8, 27, 27.2.

Components: **1160/02**«C-RECORD» seat pin support, **1160/03** «C-RECORD» seat pin bracket, **7300122** «VICTORY» and «TRIOMPHE» seat pin convex washer, **7300129** «C-RECORD» seat pin convex washers, **7316013** «VICTORY» and «TRIOMPHE» seat pin support, **7320024** «VICTORY» and «TRIOMPHE» seat pin bracket, **7350152** «VICTORY» and «TRIOMPHE» seat pin screw, **7350162** «C-RECORD» seat pin screw.

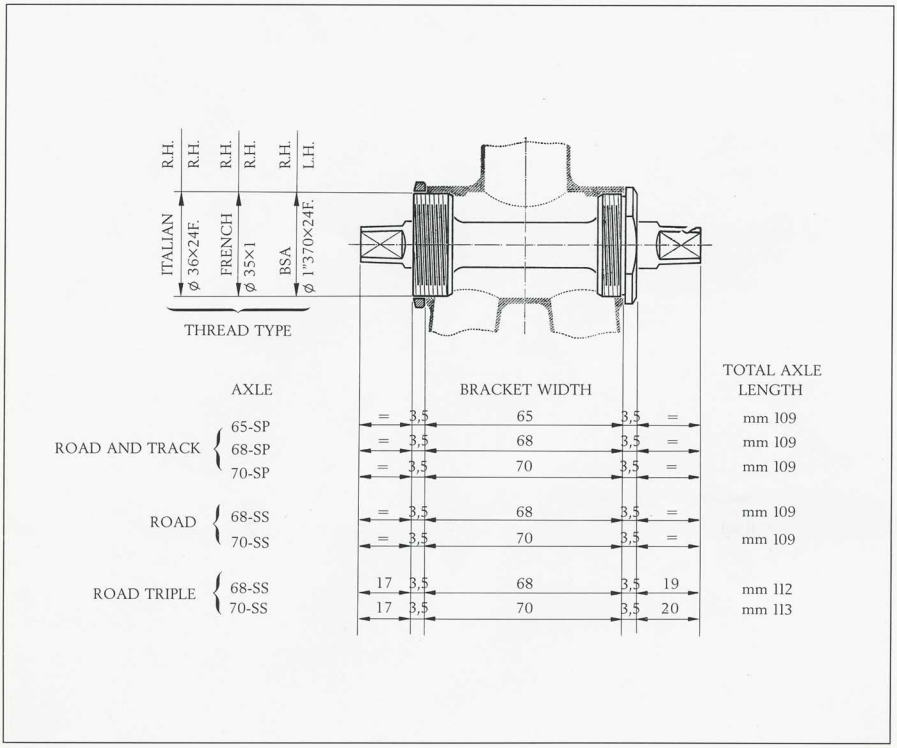


BOTTOM BRACKET Sets

303/101 «C-RECORD» road bottom bracket set with braze-on boss
303/102 «C-RECORD» track bottom bracket set with braze-on boss, with screws and washers
403/100 «VICTORY» bottom bracket set with braze-on boss
903/100 «TRIOMPHE» bottom bracket set with braze-on boss, with screws and washers
3331 «GRAN SPORT» bottom bracket set with braze-on boss, with screws and washers (to convert the «VICTORY» and «TRIOMPHE» chainwheels into triple chainring)

Meaning of the «Axle initials»
– the first number indicates the bracket width
– the letters SS indicate road
– the letters SP indicate road and track (equal sizes)

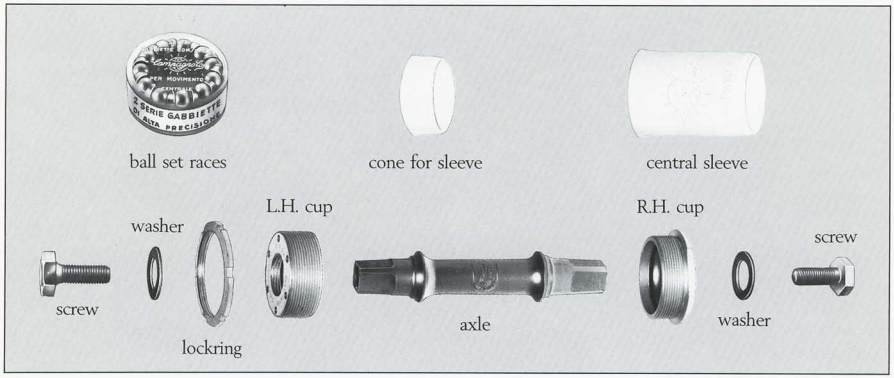
Upon request the set of the cups and lockring with thread incresed by 0,5 mm is supplied.



BOTTOM BRACKET Components

COMPONENTS	C-RECORD ROAD	C-RECORD TRACK	VICTORY corsa/leisure	TRIOMPHE corsa/leisure	GRAN SPORT
R.H. cup	4033	4033	745	903001	745
L.H. cup	4034	4034	746	903002	746
Axle	303001	303001	403001	903003	3332
Lockring	747	747	747	747	747
Ball races	4035/A	4035/A	2100	2100	2100
Cone for sleeve	2110/1	–	–	–	–
Sleeve	2110	–	–	–	–
Washer	–	7300160	–	749	749
Screw	–	7350204	–	748	748

Remark: Each model is available with Italian, French and Bsa thread. If not specified Italian thread will be supplied.



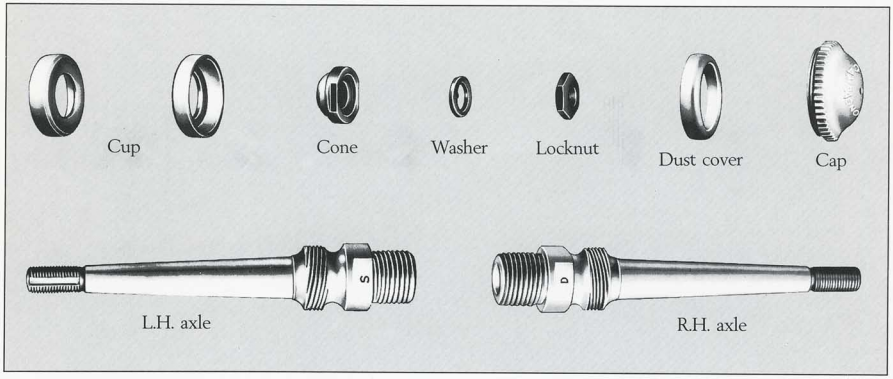
PEDALS sets

305/501 «C-RECORD» corsa and track pedals set
405/000 «VICTORY» corsa and leisure pedals set
905/000 «TRIOMPHE» corsa and leisure pedals set



PEDALS Components

COMPONENTS	C-RECORD	VICTORY	TRIOMPHE
Cup	672	7131053	7131053
Dust cover	678	678	678
Cone	674	674	674
Teethed washer	673	673	673
Locknut	675	675	675
R.H. pedal axle	670	7281066	7281066
L.H. pedal axle	669	7281067	7281067
(48) ø 5/32" Ball set	2103	2103	2103
Pedal cap	7136031	7136029	7136029
R.H. pedal plate	7283031	–	–
L.H. pedal plate	7283032	–	–
Medium toe-clip	1183015	1183011	1183013
Long toe-clip	1183016	1183012	1183014
Toe-clip plate	7283043	7283044	7283045
Toe-clip fixing screw	7350149	7350149	7350149
Nut	–	217	–
Plate fixing screws	7350148	–	–
Strap	2153003	2153001	2153002
Strap retainer	7188006	7188004	7188005
Retainer fixing screws	7350178	7350178	7350178



BRAKES Components

315/101 «C-RECORD» brakes set with levers, cable and casing - adjusting stroke 40,5 mm and 56,5 mm.

415/000 «VICTORY» brakes set with levers, cables and casings - adjusting stroke 47 mm.

915/101 «TRIOMPHE» brakes set with levers and cables - adjusting stroke 47 mm and 52 mm.

Remark: VICTORY and TRIOMPHE are available in the normal and allen bolt versions. If not specified allen bolt, 47 mm version will be supplied.

315/101



415/000



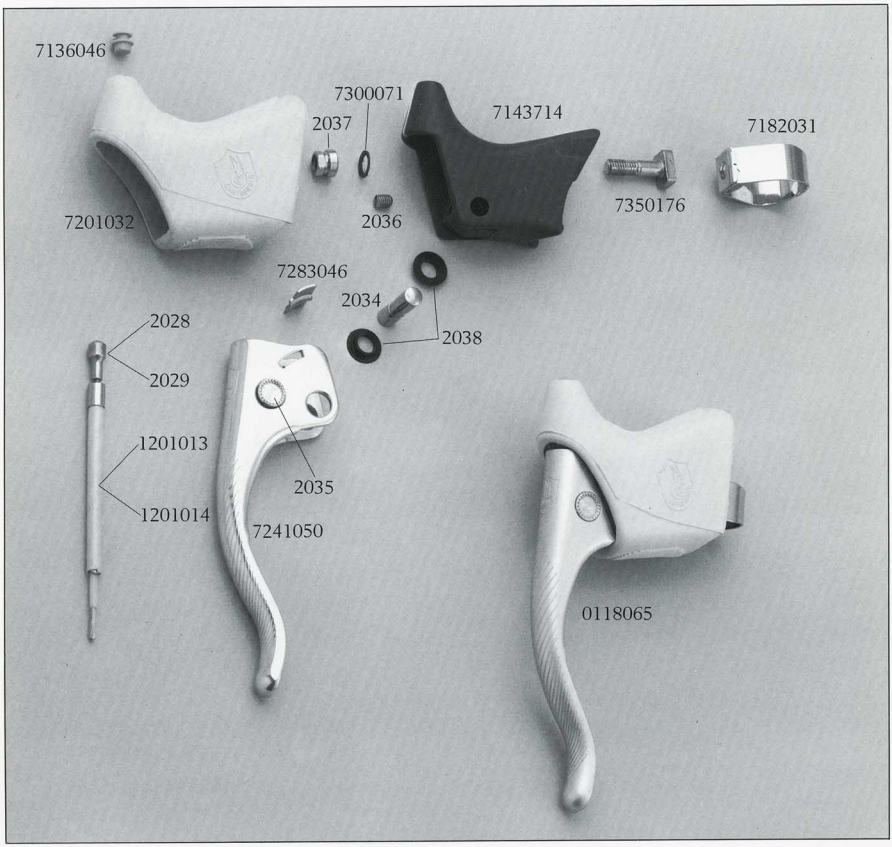
915/000

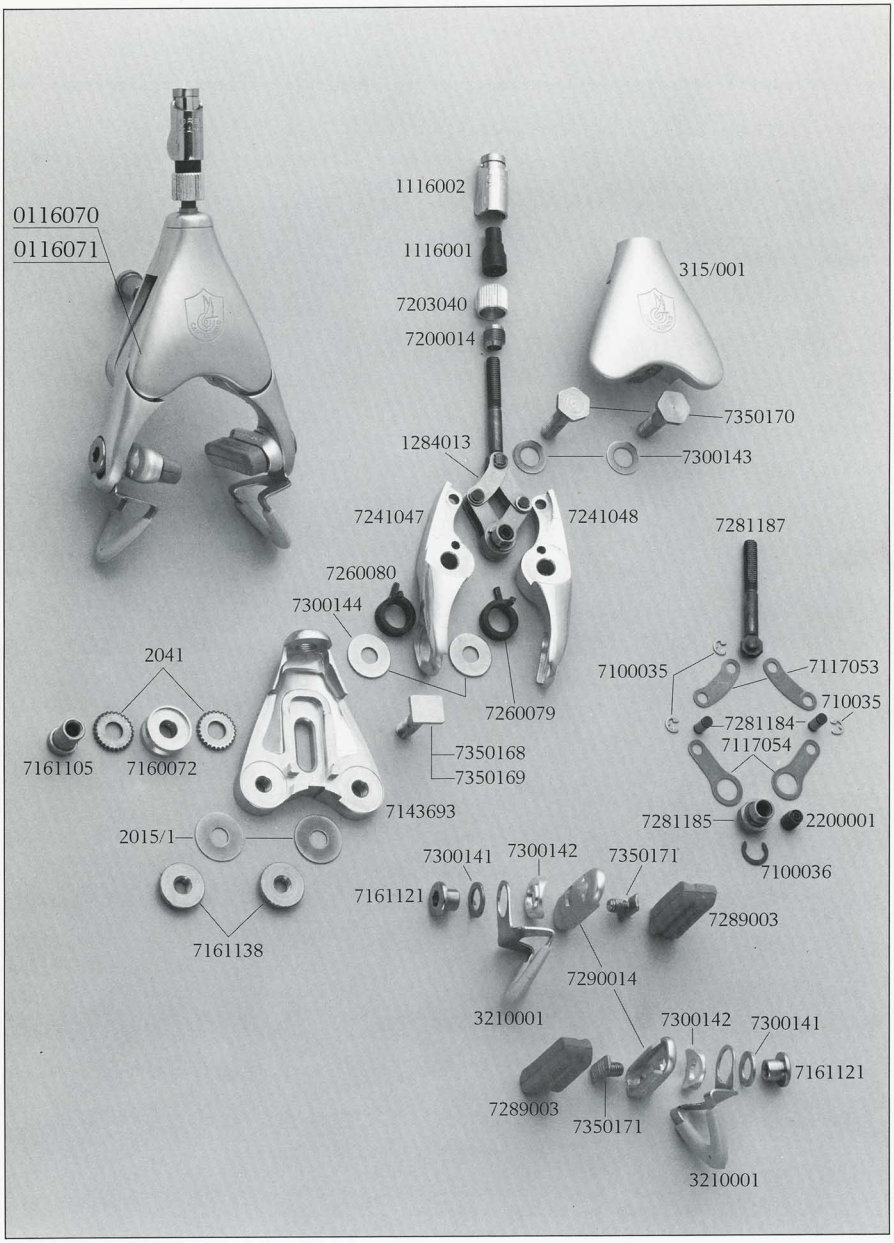


RECORD brakes components

0116070, 0116071, 0118065 composed of:

0120059 complete front cable and casing, **0120060** complete rear cable and casing, **315/001** cover, **2015/1** washers, **2028** front cable, **2029** rear cable, **2034** lever pivot pin, **2035** pivot pin, **2036** grub screw, **2037** nut fixing clip, **2038** bush, **2041** toothed washer, **1116001** cam bush, **1116002** end cap bush, **1201013** front casing, **1210104** rear casing, **2200001** cable grub, **3210001** wheelguide, **7100035** arm stop axle ring, **7100036** cable pivot stop ring, **7117053** upper arm, **7117054** lower arm, **7136046** rubber, **7143693** brake body, **7143714** lever brake body, **7160072** spacer, **7161105** allen brake fixing bolt, **7161121** brake shoe fixing nut, **7161138** lever fixing screws locknut, **7182031** brake lever fixing clip, **7200014** cover fixing grub, **7201032** brake lever hood, **7203040** adjusting sleeve, **7241047** r.h. brake shoe lever, **7241048** l.h. brake shoe, **7241050** brake lever, **7260079** r.h. spring, **7260080** r.h. spring, **7281184** arm connecting pivot, **7281185** cable locking nut, **7281187** guide cable pivot, **7283046** guide cable plate, **7289003** brake block, **7290014** brake shoes, **7300071** washer, **7300141** washer, **7300142** concave washer, **7300143** washer, **7300144** spacer, **7350168** front brake axle, **7350169** rear brake axle, **7350170** brake levers fixing screws, **7350171** brake shoes fixing screws, **7350176** lever fixing screws, **1284013** complete arm mechanism.



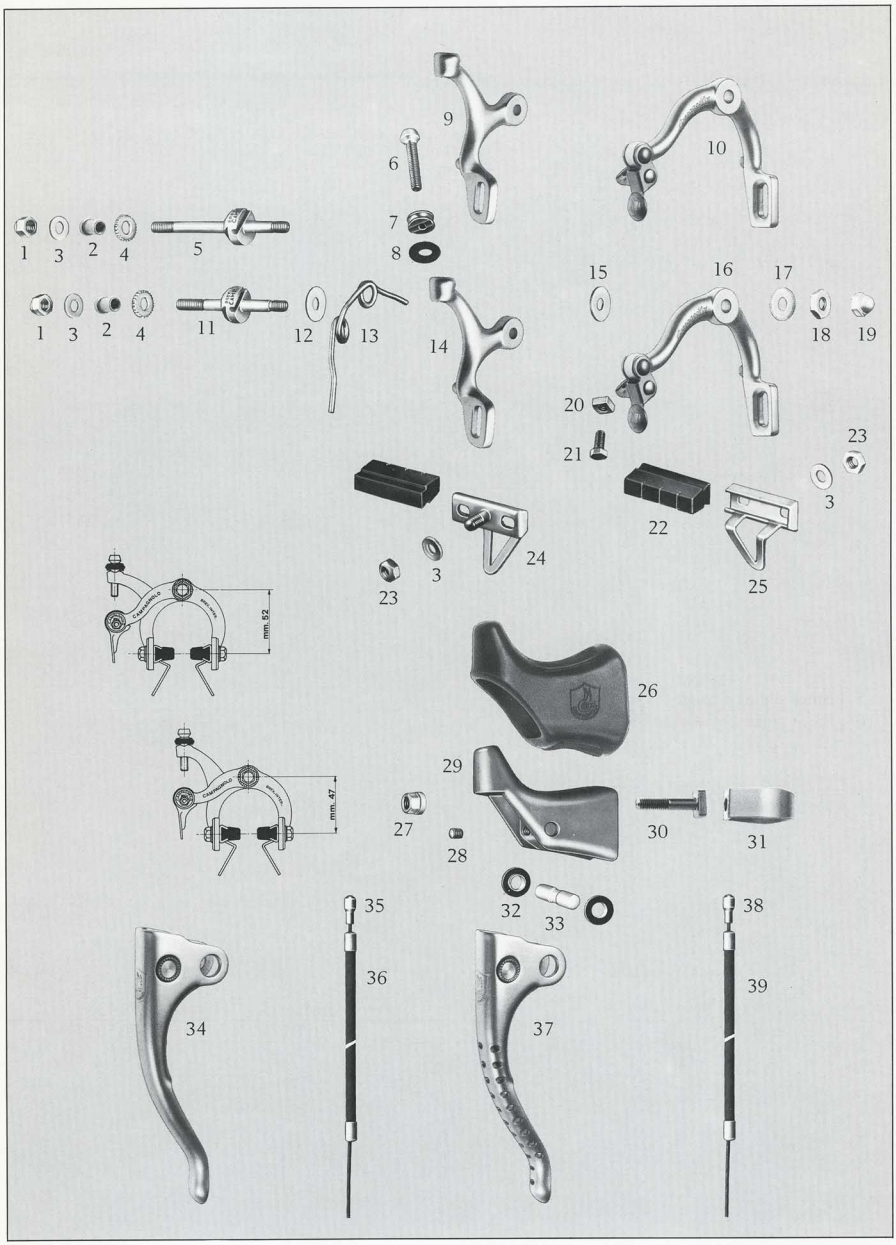

0116070
0116071
1116002
1116001
7203040
7200014
315/001
7350170
1284013
7300143
7241047
7241048
7281187
7260080
7300144
2041
7100035
7117053
710035
7281184
7117054
7161105
7160072
7260079
7350168
7350169
7143693
2015/1
7281185
2200001
7100036
7300141
7300142
7350171
7161121
7289003
7161138
7290014
3210001
7300142
7300141
7161121
7289003
7350171
3210001

Campagnolo

VICTORY® and TRIOMPHE® brake components

415/001 «VICTORY» brake set, normal version, small 47 mm
415/102 «VICTORY» brake set, allen bolt version, small 47 mm
915/101 «TRIOMPHE» brake set, normal version, small 47 mm
915/102 «TRIOMPHE» brake set, normal version, large 52 mm
915/201 «TRIOMPHE» brake set, allen bolt version, small 47 mm
915/202 «TRIOMPHE» brake set, allen bolt version large 52 mm
0118065 «C-RECORD» complete brake lever
0118059 «VICTORY» complete brake lever
0118066 «TRIOMPHE» complete brake lever

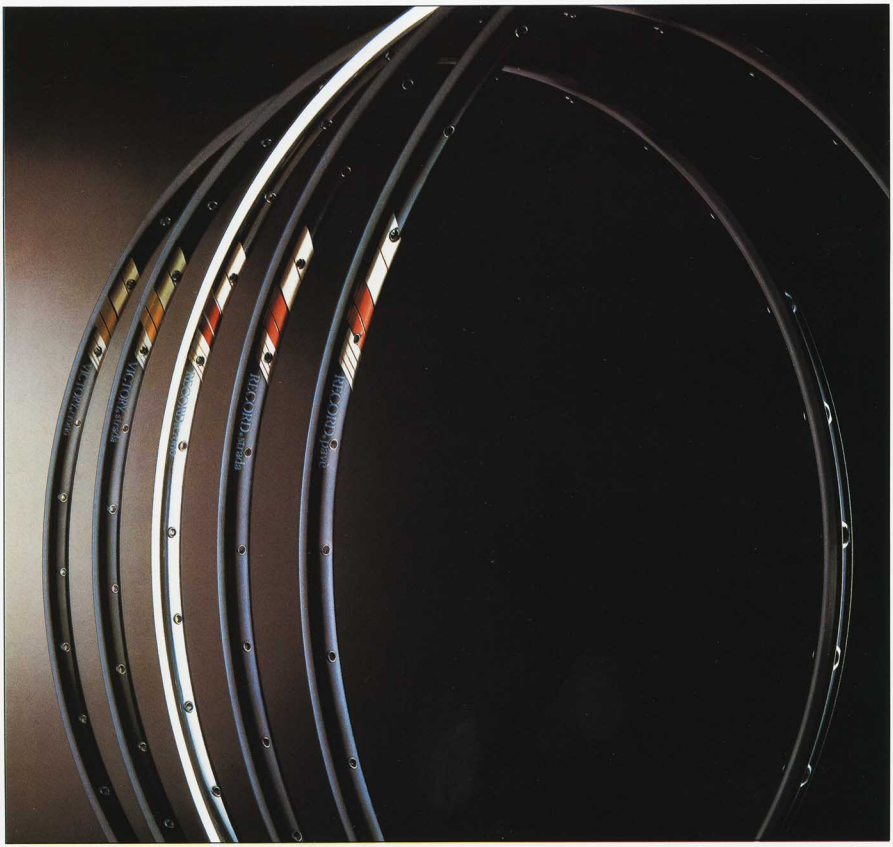
REF.	COMPONENTS	VICTORY	TRIOMPHE
1	Self locking nut	2002/AB	2002/AB
2	Allen bolt	7161105	7161105
3	Washer	2003	2003
4	Toothed washer	2041	2041
5	Normal front axle	7281143	7281143
5	Front allen axle and rear normal axle	7281144	7281144
6	Adjusting screw	2009	2009
7	Adjusting nut	7161139	7161139
8	Adjusting nut rubber	7208011	2024
9	Rear large brake shoe lever	–	7241061
10	Front large brake shoe lever	–	1241022
11	Rear normal axle and front allen axle	7281144	7281144
11	Rear allen axle	7281146	7281146
12	Sliding washer	2015	2015
13	Spring	2011	2011
14	Rear small brake shoe lever	7241040	7241060
15	Inner sliding washer	2015/1	2015/1
16	Front small brake shoe lever	1241021	1241023
17	Brake shoe fixing lever washer	7300145	7300145
18	Brake shoe fixing lever nut	7161140	7161140
19	Brake shoe fixing lever locknut	7161120	7161142
20	Cable clamp washer	2004	2004
21	Cable clamp washer	2008	2008
22	Block	7289004	2010
23	Brake block fixing nut	7161126	7161126
24	R.H. brake shoe	7290009	7290009
25	L.H. brake shoe	7290010	7290010
26	Brake lever hood	7201031	2039
27	Clip fixing nut	2037	2037
28	Retainer grub	2036	2036
29	Brake lever support	7143394	7143394
30	Clip fixing screw	7350177	7350177
31	Brake lever fixing clip	7281031	7182031
32	Brake lever bush	2038	2038
33	Lever pivot pin	2034	2034
34	Brake lever	–	7241054
35	Front brake cable	2028	2028
36	Front brake casing	2026	–
37	Brake lever	7241053	–
38	Rear brake cable	2029	2029
39	Rear brake casing	2027	–


1
3
2
4
5
1
3
2
4
11
12
13
14
6
7
8
9
10
15
16
17
18
19
20
21
22
23
3
25
23
3
24
mm. 52
mm. 47
26
27
28
29
30
31
32
33
34
35
36
37
38
39

Campagnolo

RIM

Elasticity and rigidity.
Two conflicting needs that have to be brought together in the best rims.
This is the Campagnolo challenge to the former technical limits.
The CERCHIO rim is the winning answer to this challenge.
International patents, advanced alloys, special treatments, computer-designed cross-sections, angled double eyelets, micrometric anodisation setting with guaranteed tolerances: all the Campagnolo technology for a perfect geometrical shape.
High impact strength, high tubular adherence, easy mounting, reduced vibration under braking, minimum spoke wear.
All lightness.
All Campagnolo.



Range RIMS

The range of Campagnolo rims is the following:

art. **060.101** «RECORD» pavé rim
art. **060.102** «RECORD» strada rim
art. **060.103** «RECORD» crono rim
art. **060.104** «VICTORY» strada rim
art. **060.105** «VICTORY» crono rim

FEATURES					
TYPE	RECORD			VICTORY	
USE TO BE MADE	PAVÉ	STRADA	CRONO	STRADA	CRONO
CATALOGUE	060.101	060.102	060.103	060.104	060.105
SIZE	700 C	700 C	700 C	700 C	700 C
WIDTH	22 mm	22 mm	20 mm	20 mm	20 mm
WEIGHT	330 g	300 g	275 g	305 g	280 g
THICKNESS TOLERANCE	± 3/100 mm	± 3/100 mm	± 3/100 mm	± 3/100 mm	± 3/100 mm
HEAT TREATMENT	YES	YES	YES	YES	YES
FINISHING	hard anodizing		silver	hard anodizing	
DRILLING	N°. 24 - 28 - 32 - 36 - 40 holes			N°. 32 - 36 * holes	
EYELETS	double positioned				

* other drilling upon request.

Technology and performances

The rims of Campagnolo range are characterized by a different profile, by a different weight, by a different heat treatment. All the rims have the same high quality degree and the maximum technology.
The level of performances changes according to the different use which has to be made with the rims.

Profile:

For tubular tyre. Obtained from an alloy rolled section, brazed and shaped according to computer drawing to guarantee the maximum ratio between the radial elasticity and the transversal stiffness according to the performances (**maximum stoutness and comfort**).

Tolerance of the rolled section thickness 3/100 mm (**better balancing**).

Bending of the sides designed for the perfect centering of the brake blocks (**reduction of braking vibrations**).

Very high elastic limit (**indeformability - ease of centering**).

Shaping of the tubular tyre seat for its best seal to the side-thrusts (**seal in curve**).

Special connectors of the shaping to protect the safety of the tubular tyre (**less wear of same**).

Joint:

Inner coupling precision with tolerance ± 1/100 mm (**guarantee of superficial continuity**).

Alloy:

The most advanced Al-Zn alloy present for heat treatments (**higher breaking load**).

Drilling and eyelets:

Misaligned drilling of the offset, positioned according to the crossing angle of the spokes. Exclusive double eyelets in Al and nickel silver, positioned according to the spokes direction (**perfectly straight spokes, less wear of the spokes, better bedding of the rim**).

Width:

From 20 to 22 mm.

Weight:

The innovating and exclusive Campagnolo technology allows very high performances together with a remarkable reduction of the rims weight.

BREVETTI INTERNAZIONALI



Via della Chimica, 4
36100 VICENZA - Italia

società per azioni
Capitale Sociale Lit. 16.000.000.000
N. 11558 Reg. Soc. Tribunale di Vicenza
Telefono 0444/564933 (16 linee con r.a.)
Telefax 0444/565062
Telex 480074 CAMPA I
Telegr. CAMPAGNOLO VICENZA
Casella Postale N. 822

FOTOTECNICA - Vicenza – Printed in Italy / OFFSET INVICTA S.p.A. - Limena/Padova - 4/85