

Malossi New Products Jan 06



VM272996 - 4 Valve & Spring set for -

Aprilia - Atlantic 125/200 (Piaggio M234M), Scarabeo 125 4T L/C (Piaggio), Sportcity 125 4T L/C (Piaggio M281M), Sportcity 200 4T L/C (Piaggio),
Gilera - DNA 125/180, Runner VX125 to 2005, Runner VXR180/200
Malaguti - Madison 180/200 4T L/C, Phantom Max 2004T L/C (Piaggio),
Piaggio - Beverly 125/200 4T L/C, Super Hexagon 125/180 4T L/C GTX,
Vespa - Granturismo L (Leader), 200 L (M312M), X8 125/180 4T L/C, X9 125/180 4T Amalfi, 200 4T L/C.



VM622605 - Whoop Brake Disc

Malossi's unique F32S front fork kits use a larger disc as supplied in the kit. However now Malossi have introduced "Whoop" discs as replacements. The Whoop is wavy disc that gives excellent braking in conjunction with good quality disc pads.



VX532781 - Competition Crankshaft

Malossi have produced a competition crankshaft for the Peugeot Jet Force L/C TSDI (HL1), Jet C-Tech L/C, Ludix, Ludix L/C, Blaster (HL 2) - 50cc 2 Strokes. The crank has been exclusively designed to exacting standards and has been used extensively in races in Europe. The crank is suitable only with pistons with a 12mm gudgeon pin, and comes with the small end.



VM552894 - Digitronic ECO Unit

Malossi have introduced an ECU conversion for owners of fuel injected scooters. Fuel injected scooters have little scope when it comes to tuning the fuel system, so with that in mind Malossi have introduced a conversion to allow a Carburettor to be used. Likewise any tuning work for fuel injected scooters is expensive, and this option allows a greater amount of flexibility for owners. The kit uses a Digitronic KRM electronic ECU device to to utilise the vast selection of Malossi carburettors available. The Malossi ECU simply replaces the original ECU and is connected to the existing wiring. No other modifications are required. This kit does not include a carburettor, owners will use different sizes, etc. The ECU fits Aprilia, Gilera, Peugeot, Piaggio makes and models using fuel injection. This one unit will work with any of the above makes & models.

and for **MINARELLI 50cc LIQUID COOLED HORIZONTAL ENGINES** as fitted to :-

APRILIA - SR 50 LC 1994-2000, RALLY, SONIC GP, AREA 51

BETA - ARK LC, EIKON 50

BENELLI - 491, K2

ITALJET - DRAGSTER 50

MALAGUTI - F12 PHANTOM LC, F15 FIREFOX

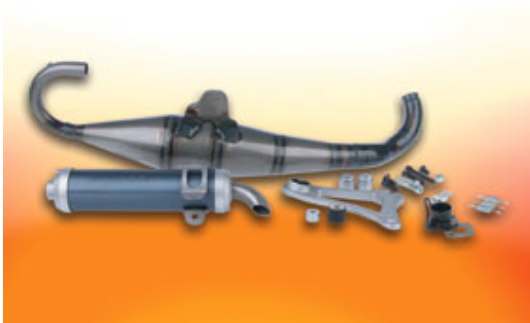
MBK - NITRO, MACH G LC

YAMAHA - AEROX, JOG RR

We have the following new items -



YM312642 - 70cc Cylinder Kit



YM322799 - Race Exhaust System



YM532810 - Competition Crank



YM612811 - Over-Range Gear up Kit

The “Newest Generation of Disk Brakes”. Light, non corrosive, non-warping, anti-stress. Studied for prolonged use in all weather conditions and types of terrain. The “WHOOOP DISCS” were exposed to numerous tests during competitions, giving Malossi technicians an opportunity to fine-tune the disk brakes for various scooters. The “WHOOOP DISC” paired with Malossi BRAKE PADS guarantee a progressive and secure braking even under extreme conditions.

Technical features -

- Stainless steel disk, laser cut, hardened and surface machined.
- Profile designed using CAD to insure complete scraping of the brake pad, the elimination of brake dust, and the removal of water and mud during braking.
- Surface area doubled to lower the disk’s working temperature.
- The image may differ from the product to which they refer, as concerning some details

We regret to inform you that the BRAKE POWER DISC art. 6211619 will not be produced and it will be replaced by 6212929.



6212343 HONDA SILVER WING 4t 600 (*) A 2001-->2002

6212344 SUZUKI BURGMAN AN 4t 250 (*) A 1998-->, BURGMAN AN 4t 400 [BUSINESS] (*) A 1999-->

6212345 MBK SKYLINER 4t 250 (*) A 2000--> - YAMAHA MAJESTY 4t 250 (*) A 1996-->

6212347 YAMAHA T MAX 4t 500 [5GJ] (*) A

6212348 APRILIA LEONARDO 4t 125 (*) A 1996-->, 4t 150 (*) A 1997-->, LEONARDO 4t 250 (*) A 1999-->, SCARABEO 50 (*) A 1998-->, SCARABEO 4t 125-150 (ROTAX) (*) P 1999-->, SCARABEO 4t 200 (ROTAX) (*) P 2001-->, SPORTCITY 4t 125 (PIAGGIO M281M) (*) P, SPORTCITY 4t 200 (PIAGGIO) (*) P, - BETA EIKON 4t 125-150 (*) A 1999-->

6212349 BENELLI VELVET DUSK 4t 400 (*) A - MALAGUTI MADISON 4t 125 (*) A 1999-->, 4t 150 (*) A 2000-->, MADISON 4t 180 (*) A/P 2001-->, MADISON 4t 250 (YAMAHA) (*) P 1999-->, MADISON RS 4t 250 (PIAGGIO M237M) (*) A/P, PHANTOM MAX (YAMAHA) 4t 125 (*) A/P, PHANTOM MAX (PIAGGIO) 4t 200 (*) A/P, PHANTOMMAX 4t 250 (PIAGGIO M361M) (*) A/P

6212350 APRILIA ATLANTIC 4t 500 (*) A 2002, ATLANTIC SPRINT 4t 500 (PIAGGIO M273M) (*) A, SCARABEO 4t 125-150 (ROTAX) (*) A 1999-->, SCARABEO 4t 125 (PIAGGIO) (*) A, SCARABEO 4t 200 (ROTAX) (*) A 2001-->, SCARABEO 4t 250 (PIAGGIO M285M) (*) A, SCARABEO 4t 500 (*) A, SPORTCITY 4t 125 (PIAGGIO M281M) (*) A, SPORTCITY 4t 200 (PIAGGIO) (*) A

6212351 GILERA DNA 50 LC (*) A 2000-->, DNA 4t 125 (*) A 2000-->, DNA 4t 180 (*) A 2001-->, NEXUS 4t 500 (*) P - PIAGGIO X8 4t 125-200 (*) P, X9 4t 125-180 AMALFI-200 (*) A, X9 4t 250 (HONDA) (*) A 2000-->, X9 EVOLUTION 4t 250 (M237M) (*) A/P
6212352 GILERA NEXUS 4t 500 (*) A - PIAGGIO BEVERLY 4t 200 (*) A, BEVERLY 4t 250 (M285M) (*) A/P, X8 4t 125-200 (*) A, X9 EVOLUTION 4t 500 (*) A 2001-->
6212603 APRILIA GULLIVER-GULLIVER LC 50 (*) A 1995-->, RALLY 50 (*) A 1995-->, RALLY 50 LC (*) A 1996-->, SR 50 (*) A 1993>1996, SR 2004-carb (PIAGGIO) 50 LC (*) A, SR DITECH 50 LC (*) A/P 2000-->, SR DITECH GP1 (PIAG. C361M) 50 LC (*) A, SR NETSCAPER/RACING (MINARELLI) 50 LC (*) A 1993-->, SR R-carb (PIAGGIO) (*) A, SR R-FACTORY 50 LC (*) A, SR REPLICA 50 LC (*) A 1993-->, SR REPLICA 2000 (APRILIA) 50 LC (*) A/P 2000-->, SR STEALTH 50 LC (MINARELLI) (*) A 1993-->, SR WWW 50 (*) A 1993--> - BETA ARK-ARK 50 LC (*) A 1996-->, CHRONO 50 (*) A 1992>1994, EIKON 50 LC (*) A 1999-->, QUADRA 50 (*) A 1995--> - GILERA STALKER 50 (*) A 1997-->, STORM 50 (*) A 1994-->, TYPHOON-TYPHOON X 50 (*) A 1993-->, TYPHOON-TYPHOON X 2t 125 (*) A 1995--> - HONDA BALI 50 (*) A 1993-->, SGX SKY 50 (*) A 2000--> -MALAGUTI F12 PHANTOM 50 (*) A 1994-->, F12 PHANTOM 50 LC (*) A 1995-->, F12 PHANTOM50 LC DIGIT KAT/DIGIT KAT euro 2 (*) A - MBK OVETTO 50 (*) A 1997-->, OVETTO 100 (*) A 2000-->, STUNT 50 (*) A 2000--> - PEUGEOT BUXY-BUXY RS 50 (*) A 1994-->, METAL-X 50 (*) A, SPEEDAKE 50 (*) A 1995-->, SQUAB 50 (*) A 1996-->, TREKKER 50 (*) A 1997--> - PIAGGIO NRG LC 50 (*) A, NRG MC2 50 LC (*) A 1996-->, NTT 50 LC (*) A - YAMAHA JOG R 50 (*) A 1993-->, NEO'S 50 (*) A 1997-->, SLIDER 50 (*) A 2000-->
6212604 GILERA DNA 50 LC (*) P 2000--> - PIAGGIO FLY 4t 125-150 (LEADER M422M) (*) A, HEXAGON LX 2t 125 LC (*) A 1998-->, HEXAGON LX4 4t 125 (*) A, HEXAGON LXT 2t 180 LC (*) A 1998-->, SFERA RESTYLING 50 (*) A, VESPA ET2 [carb.] VESPA ET2 2000 50 (*) A 1997-->, VESPA ET4 4t 125 (*) A 1996-->, VESPA ET4 4t 125-150 (LEADER) (*) A 1999-->, VESPA LX 4t 125-150 (LEADER) (*) A, ZIP 4t 125 (*) A 2000-->, ZIP SP 50 LC (*) A 1996-->
6212852 YAMAHA CYGNUS X 4t 125 (*) A.
6212929 DERBI BOULEVARD 4t 200 (PIAGGIO M387M) (*) A - GILERA RUNNER 50 2t LC (*) A 1997-->, RUNNER PureJet 50 2t LC (*) A <--2005, RUNNER SP 50 2t LC (*) A 1998>1999, RUNNER 2t 125 LC FX (*) A 2000-->, RUNNER 2t 180 LC FXR (*) A 1999-->, RUNNER 4t 125 LC VX (*) A 2001-->2005, RUNNER 4t 180-200 LC VXR (*) A 2001--> - PIAGGIO NRG EXTREME/EXTREME LC 50 2t (*) A 1998-->, NRG MC3 DD LC/MC3 DT 50 2t (*) A 1998-->

(*) A = FRONT, P = REAR

A secret from Malossi racing department -

Light, perfect: a technology extract in its simplicity; design and formula of the materials are registered. Abstract from of Malossi Engineering R& D department archives CVT Transmission systems .

Chapter: contrast spring.

The Aim -

Pull down vibrations and to make the system operation stable at any rpm and temperature.

Design path -

We have considered both on theoretical and practical basis all the existing fifth wheel systems: balls, rollers and radial sliding fifth wheels of metal type. All the tests gave unsatisfactory results.

We have made prototypes with alternative systems, metallic type, without any positive results.

Only after exhausting laboratory and racetrack tests we have eventually come to Torsion Controller design.

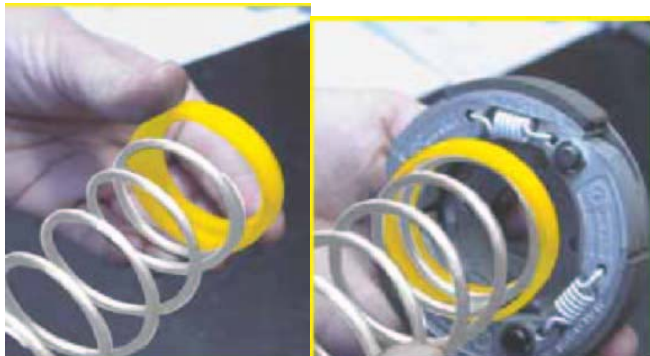
Thesis -

The above-mentioned component solves the following problems:

During gear curve range the bushing of the movable pulley (torque drive) slides into the driven pulley in axial way along fixed pulley hub, making a small rotation which gives a torsion to the contrast spring. Sometimes the spring loses its position while frictioning on the shoe-holder plate, metal against metal; some others, the spring remains stuck in its position causing some accidentally different contrast forces.

Second problem: centrifugal forces caused at high rpm affect the spring which consequently buckled and starts to veer as to create big vibrations, very annoying for the driver as well as dangerous for the engine and, above all, making unsteady the gear curve.

Result



We approved the project with great success after strict tests at R & D department and on racetrack on all examined scooter models.

2512827 TORSION CONTROLLER for YAMAHA - MINARELLI engine 50 cc 50 2t : APRILIA AREA 51 LC, RALLY /RALLY LC, SCARABEO, SONIC /SONIC LC, SR 1994-->, SR REPLICA LC, SR NETSCAPER /RACING /STEALTH (MINARELLI) LC, SR WWW - BENELLI 491 GT /491 SPORT (MINARELLI) LC, K2 /K2 LC, NAKED, PEPE - BETA ARK / ARK LC, CHRONO, EIKON LC, TEMPO - ITALJET DRAGSTER LC, PISTA 2, SCOOP, YANKEE - MALAGUTI CENTRO, CIAK, F10, F12 PHANTOM /F12 PHANTOM LC, F12 PHANTOM DIGIT KAT LC, F12 PHANTOM DIGIT KAT euro 2 LC, F15 FIREFOX LC, YESTERDAY - MBK BOOSTER euro 0-1 , BOOSTER euro 2, BOOSTER NG /ROCKET /SPIRIT euro 0-1 , BOOSTER NG /NAKED /ROCKET (A137E) euro 2 , EVOLIS, FIZZ, FLIPPER, FORTE, MACH G /MACH G LC, NITRO LC, OVETTO, STUNT euro 0-1-2 , TARGET - YAMAHA AEROX euro 0-1-2 LC, AXIS, BREEZE, BW'S /BW'S NG euro 0-1 , BW'S /BW'S NG (A137E) euro 2, CRZ, JOG, JOG ER, JOG R, NEO'S , SLIDER, SPY, VINO, WHY, ZEST, 100 2t : APRILIA SCARABEO - BENELLI K2 - ITALJET MILLENNIUM - MBK BOOSTER, NITRO, OVETTO - YAMAHA AEROX, BW'S , NEO'S

2512828 TORSION CONTROLLER for PIAGGIO - HONDA - KYMCO - PEUGEOT engine 50 cc
APRILIA SR 2t LC 2004-carb (PIAGGIO), SR 2t LC R-carb (PIAGGIO), SR 2t LC DITECH GP1 (PIAGGIO C361M), SR 2t LC R FACTORY -DERBI ATLANTIS 2t BULLET, GP1 2t LC, GP1 2t LC REVOLUTION - GILERA DNA 2t LC, EASY MOVING 2t, ICE 2t, STALKER 2t, STORM 2t, TYPHOON /TYPHOON X 2t, RUNNER /RUNNER PureJet /RUNNER SP <--2005 /RUNNER SP 2006-carb (C451M) 2t LC - HONDA BALI 2t, DIO 2t G, DIO 2t SP, DIO 2t SR, DIO 2t ZX <--1994, DIO 4t LC CLEAN 4 YOU, SFX 2t, SGX SKY 2t, SH 2t 1996--> , SHADOW 2t, SXR 2t, VISION /VISION MET IN 2t, WALLAROO, X8R 2t X-S, ZOOMER-RUCKUS 4t LC - ITALJET TORPEDO 2t NEW - KYMCO CX 2t, DINK /DINK LC 2t, DJ X 2t, DJ Y 2t, HEROISM 2t, K 12 2t, MXer 2t, PEOPLE 2t, SNIPER 2t, SUPER 9 2t LC, TOP BOY-COBRA 2t - PEUGEOT BUXY /BUXY RS 2t, ELYSEO 2t, FOX, JET C-TECH 2t LC, JET FORCE 2t LC TSDI (HL 1), LOOXOR 2t TSDI, LUDIX /LUDIX LC BLASTER (HL 2) 2t, METAL-X 2t, RAPIDO 2t, SPEEDAKE 2t, SPEEDFIGHT /SPEEDFIGHT LC /SPEEDFIGHT 2 LC 2004 [X-FIGHT] 2t, SQUAB 2t, ST 2t, SV GEO 2t, TREKKER 2t, VIVACITY 2t, X-FIGHT /X-FIGHT LC 2t, ZENITH 2t - PIAGGIO DIESIS 2t, FLY 2t, FREE 2t, LIBERTY 2t, NRG 2t LC, NRG EXTREME /NRG LC EXTREME 2t, NRG MC2 2t LC, NRG MC3 DD /NRG MC3 Purejet 2t LC, NRG MC3 DT 2t, NRG Power DD /NRG Power Purejet 2t LC, NTT 2t LC, QUARTZ 2t LC, SFERA 2t RESTYLING, VESPA ET2 [carb.] 2t, VESPA ET2 2000 2t, VESPA LX 2t, ZIP 2000 2t, ZIP FAST RIDER 2t, ZIP SP 2t LC, SYM DD 2t . 50

Available February 2006

TORSION CONTROLLER TORSION CONTROLLER - The Antifriction fifth wheel for variator contrast spring

• The image may differ from the product to which they refer, as concerning some details



61 8625B - VENTILVAR half-pulley MHR - ATTENTION : IT CUTS OUT the ELECTRIC STARTING
APRILIA SR LC 2004-carb (PIAGGIO), SR LC R-carb (PIAGGIO) -DERBI ATLANTIS BULLET, GP1 LC, GP1 LC REVOLUTION -GILERA DNA LC, EASY MOVING, ICE, RUNNER LC, RUNNER LC SP <-- 2005, RUNNER LC SP-carb (C451M) 2006 -->, STALKER, STORM, TYPHOON, TYPHOON X -ITALJET JET SET, TORPEDO NEW - PIAGGIO DIESIS, FLY, FREE, LIBERTY, NRG LC, NRG EXTREME, NRG LC EXTREME, NRG LC MC2, NRG LC MC3 DD, NRG MC3 DT, NRG LC Power DD, NTT LC, QUARTZ LC, SFERA, SFERA RESTYLING, ZIP 2000, ZIP FAST RIDER, ZIP LC SP, VESPA ET2 [carb.], VESPA ET2 2000, VESPA LX . 50 2t



2912658.W0 - WHITE VARIATOR ADJUSTER SPRING

for MULTIVAR 2000 and for ORIGINAL VARIATOR

PEUGEOT BUXY, BUXY RS, ELYSEO, JET C-TECH LC, JET FORCE LC TSDI (HL 1), LOOXOR TSDI, LUDIX, LUDIX BLASTER LC (HL 2), METAL-X, SPEEDAKE, SPEEDFIGHT / SPEEDFIGHT LC, SPEEDFIGHT 2 LC 2004 [X-FIGHT], SQUAB, TREKKER, VIVACITY, X-FIGHT / X-FIGHT LC, ZENITH . 50 2t



42 7756.D5 - DVD MALOSSI WORLD 2003 - 2004 - 2005

A collection of the most spectacular photos at the Annual Adria (Italy) Event 2003 - 2004 - 2005 which is the international final for all Malossi Trophy races.



5112942 - MULTIVAR 2000

HONDA FORZA X [NSS] . 250 4t LC



5212840 - MAXI FLY CLUTCH NOT adjustable automatic clutch

APRILIA SR 125-150 -GILERA RUNNER 125 LC FX, RUNNER 180 LC FXR, TYPHOON/TYPHOON X 125 -ITALJET DRAGSTER 125-180 LC -PIAGGIO HEXAGON 125-150 LC, HEXAGON 125 LC LX, HEXAGON 180 LC LXT, SKIPPER 125-150, SKIPPER 125 LX, SKIPPER 150 LXT . 2t