



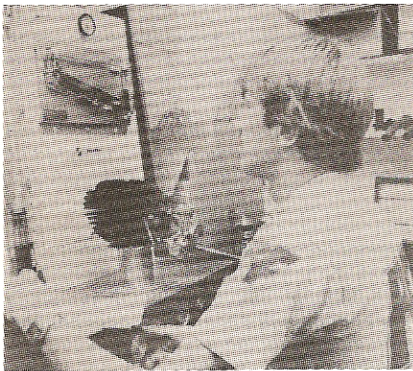
RF

DON CALVERT'S

ROOST FACTORY

Product Catalog

Who is Don Emler?



What is the Roost Factory?

Southern California has been the center of motocross racing since the early seventies. In those days Don Emler was an aspiring young racer, with a mechanical leaning. During the weekends he'd be out flogging SoCal's famous race tracks, and during the week days he'd be testing, designing and working to improve the meager powerbands that came stock on Sachs, American Eagle, Zundapp and Greeves two-strokes. Emler's trick pipes soon became the hot set-up, and the Flying Machine Factory (FMF) was off and flying.

When the hey-day of two-stroke development hit, Don Emler was at the front of the pack. His FMF Pentons, Monarks, Hondas, Suzukis, and Yamahas became instant winners. Victory and FMF were one and the same. Factory racing teams were knocking on FMF's front door.

When the time came to move on Don Emler stepped up to the Roost Factory. At the Roost Factory Don builds into every product, race engine or special fabrication the same care and expertise that made stars out of those young Californians so few years ago. The Roost Factory constantly researches, tests and develops hot new products for motocross bikes. In only one year it has grown to become the leader in the development of motocross racing products. It has become a motocross tradition. Fast bikes and Don Emler. That's understood!

Roost Factory is a dream, an idea and a reality that makes motocross come true. Roost Factory is a factory whose goal is to improve, refine and race prepare competition machinery. Like any motorcycle manufacturer Roost Factory has a building, machinery, equipment and physical plant, but unlike a lot of factories it is manned by **real** people. People who race motorcycles, live motorcycles and enjoy their work. All of the work performed at Roost Factory is done by knowledgeable hands. Each part is expertly designed, well stocked, and shipped the same day. It takes a racer to know how important a port job, roost bottle, carb mod or reed valve is to another racer.

The Roost Factory manufactures quality products that have been tested and race proven. Roost Factory isn't a Supermarket of motorcycle parts. Only the best parts, the most proven and valuable items are carried by the Roost Factory. We don't want to waste our time selling products that we don't believe in, and you don't really need.

ROOST FACTORY TEAM WEAR

Now you can look like a real winner when your showing off in RF Team apparel. Hats, cool, comfortable 100 percent cotton t-shirts and jerseys are the only products we make that won't make you faster, but they will make you look sharper.

Our bright yellow t-shirts with the red team logo's on the front and back are color fast and come with a pocket (and that's rare these days), and it's not hard for the crowd to see who's winning with that giant red Team RF logo embedded on the front of our bright yellow team jerseys.

The immortal Roost Factory hat, the one with the big RF on it, can also be ordered in Suzuki, Yamaha, Honda or Kawasaki designs. Let your competition know your riding with the team that doesn't like to lose! (Jerseys and t-shirts also available in white.)



APPJ01



APPT01



APP002



APP001



APP003



APP005



APP004

ROOST BOTTLES

Roost Factory has been the leader in the manufacture and development of Roost bottles for all popular dirt bikes. These easy-to-install power boosters fit every dirt bike made. To guarantee a proper fit, Roost Factory has an expert available to explain the installation on any and all types of bikes, regardless of brand. A smoother power band, increased torque and better throttle response can be yours in less than 15 minutes (the time it takes to install a Roost Bottle). Now you can have the same crisp power band that the works bikes have. Roost bottles come with complete instructions, special tools and all mounting brackets. It's easy and it works.

RF NO. HPBB1

HPBB1 A	YZ 100, all years
HPBB1 A	YZ 125, all years
HPBB1 A	YZ 250, all years
HPBB1 A	YZ 360-490, all years
HPBB1 A	IT 125-465, all years
HPBB1 A	MX 125-250, all years
HPBB1 A	DT 100-400, all years
HPBB1 B	RM 250, 1981-1982
HPBB1 B	CR 250R, 1982
HPBB1 B	XR 200, all years
HPBB1 B	XR 250, all years
HPBB1 B	XR 500, all years
HPBB1 B	ODESSY, all years
HPBB1 C	RM 125Z, 1982
HPBB1 D	TRI-MOTO, 1979-1982

RF NO. HPBB2

HPBB2 A	CR 125, 1973-1982
HPBB2 A	CR 250, 1973-1981
HPBB2 A	CR 450-480, all years
HPBB2 A	MUGEN 125-360, all years
HPBB2 B	ATC 250R, 1981-1982

RF NO. HPBB3

HPBB3 A	RM 125, through 1981
HPBB3 A	RM 250, 1976-1980
HPBB3 A	RM 370-400, all years
HPBB3 A	TS, all years
HPBB3 A	PE 175-400, all years
HPBB3 A	TM 100-125-250, all years
HPBB3 A	DS 100-400, all years
HPBB3 B	HUSKY 125-490, all years
HPBB3 C	MAICO 125-490, all years
HPBB3 C	KTM 125-490, all years

RF NO. HPBB4

HPBB4 A	CR 80, all years
HPBB4 A	YZ 50-60-80, all years
HPBB4 A	KX 80, all years
HPBB4 A	MX 80, all years
HPBB4 B	RD 350-400, all years (Requires two kits)

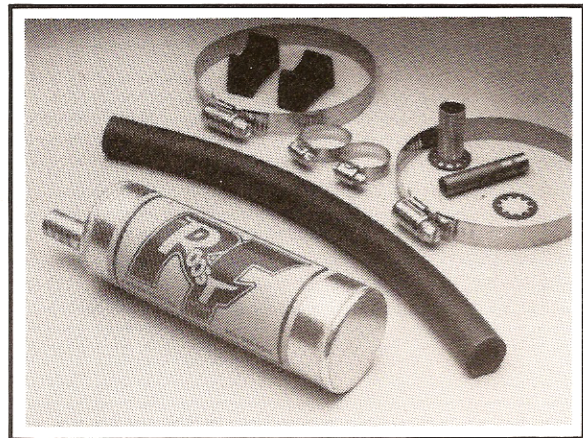
RF NO. HPBB5

HPBB5 A	KX 125-250-420, 1982
HPBB5 B	KX 250, 1978-1981
HPBB5 B	KX 125-420, 1978-1981
HPBB5 B	KDX 125-420, up to 82

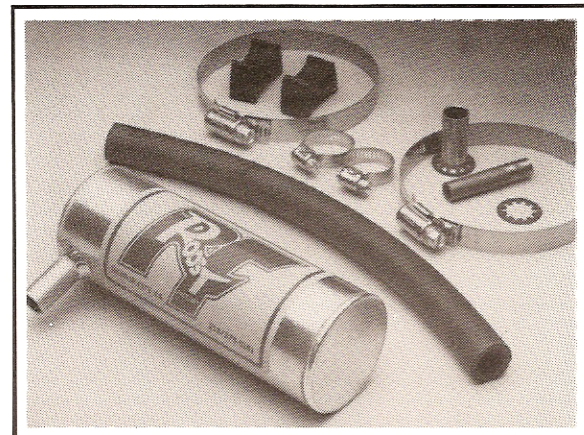
If your bike is not listed, custom fitting is available.



HPBB5 B



HPBB1B

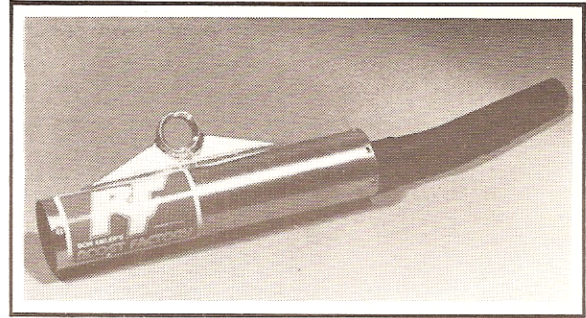


HPBB1A

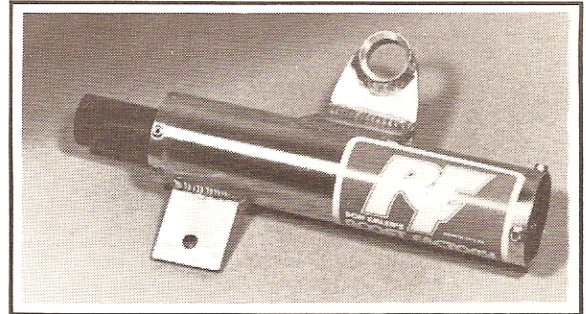
ROOST FACTORY ALLOY SILENCERS

Making a lightweight alloy silencer isn't just a matter of cobbing up a sheet of aluminum. Alloy silencers should be light, but they should also be strong. Roost Factory alloy silencers feature aircraft grade welding, unit construction, rebuildable cores and maximum flow. By combining solid design with alloy metallurgy Roost Factory silencers get the job done, save weight, look trick and last a long time. Available for most Yamaha, Honda, Suzuki and Kawasaki motocross bikes and the Honda ATC250R.

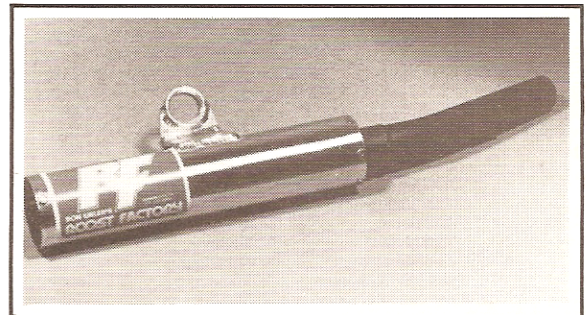
HPY001	YZ 80, 1981-1982
HPY002	YZ 125, 1980-1981
HPY003	YZ 125, 1982
HPY004	YZ 250, 1980-1982
HPY005	YZ 465, 1981
HPY006	YZ 490, 1982
HPR001	RM 80, 1982
HPR002	RM 125, 1981-1982
HPR003	RM 250, 1981-1982
HPR004	RM 465, 1981-1982
HPK001	KX 80, 1982
HPK002	KX 125, 1978-1982
HPK003	KX 250-420, 1980-1982
HPH001	CR 80, 1982
HPH002	CR 125R, 1981-1982
HPH003	CR 250R, 1981-1982
HPH004	CR 450R, 1981
HPH004	CR 480R, 1982
HPA001	ATC 250R, 1981-1982
SPA001	SPARK ARRESTOR ADAPTOR



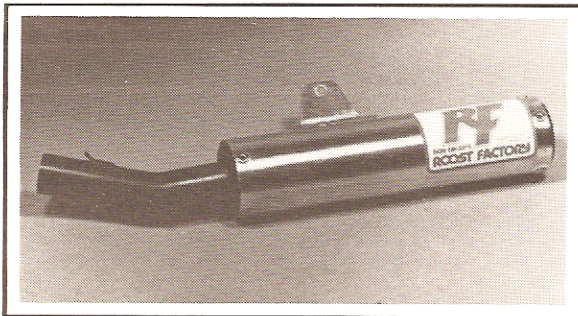
YZ 125, 1981



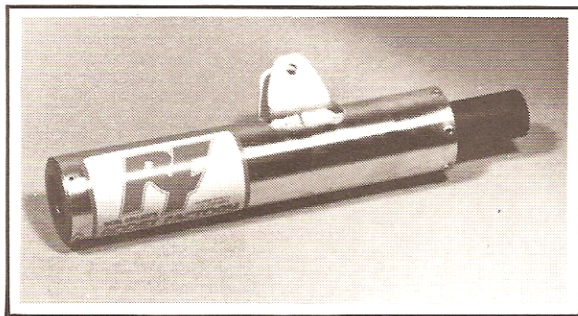
RM 125, 1981-1982



YZ 125, 1982



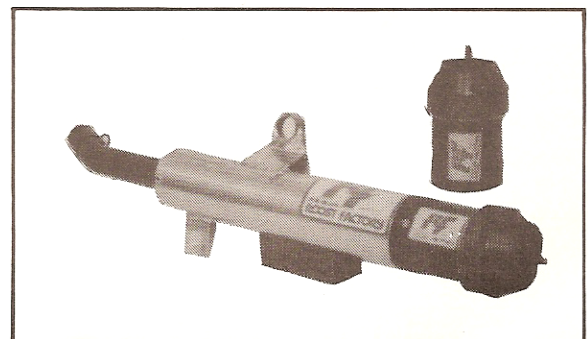
ATC 250R, 1981-1982



KX 125, 1978-1982

RF FORESTRY APPROVED SPARK ARRESTORS

The new Roost Factory Spark Arrestors will bolt right up to Roost Factory Silencers. They are approved by the U.S. Department of Forestry and are necessary to ride legally in some parts of the U.S. and some other countries.



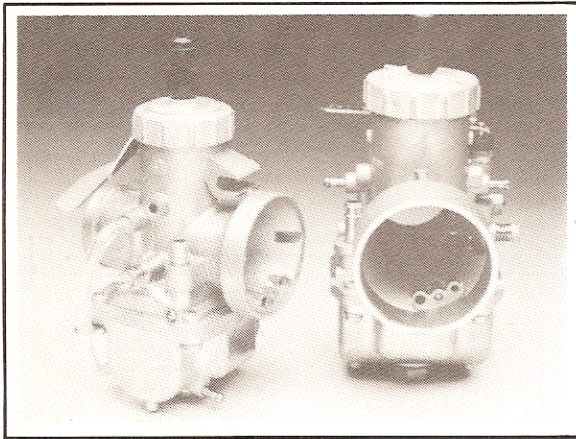
SPA001

ROOST FACTORY MIKUNI CARB KITS

Getting your bike on the pipe means getting on the gas. It's no secret that most minis and 125s come with small diameter carbs to make for more manageable powerbands (instead of maximum horsepower). Roost Factory has carefully jetted 30mm, 32mm, 34mm, 36mm and 38mm Mikuni carbs to fit all size bikes. Roost Factory pre-jets & machines 34mm and 36mm Mikuni carbs that will bolt on RM 125s without modifications, and killer 38mm Mikunis for YZ 125s and KX 125s.

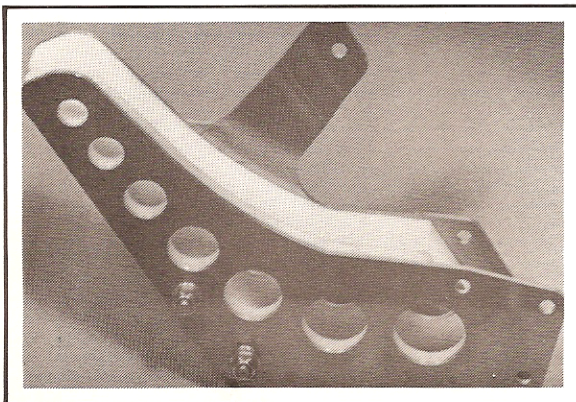
All carbs are pre-jetted to factory specs. Specify make, year, and displacement of your bike.

- HPCK01 30mm Honda, Yam., Suz., Kaw.
- HPCK02 32mm Honda, Yam., Suz., Kaw.
- HPCK03 34mm Honda, Yam., Suz., Kaw.
- HPCK04 36mm Honda, Yam., Suz., Kaw.
- HPCK05 38mm Honda, Yam., Suz., Kaw.
- HPCK3A 34mm ATC 250R
(comes with uni-dual stage filter and throttle cable)



ROOST FACTORY ALLOY CHAIN GUIDES

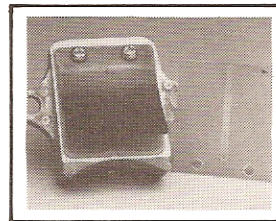
These perfectly machine polished Alloy Chain Guides are made from maximum strength aircraft aluminum. They are designed to fit right up against the rear sprocket so you can't throw your chain.



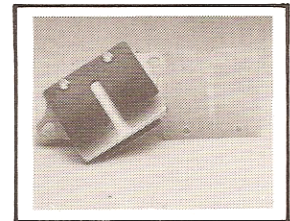
ROOST FACTORY POWER REEDS

You can only make an engine as fast as the fuel flow will allow, and that is why RF Power Reeders are the hot ticket to victoryland. Power Reeders come complete with reed block, petals and mounting instructions. No cylinder modifications are necessary, but flow can be increased by as much as 75 percent. Throttle response picks up drastically and the amount of power available is magnified by the increased quantity of fuel. All Power Reed kits come complete with spare reed petals to insure full satisfaction.

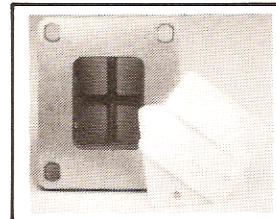
- HPReed—1 RM 80 all
- HPR R01 RM 80 all 5PK petals
- HPReed—2 KX 80, 1979-1980
- HPR R02 KX 80, 1979-1980 5PK petals
- HPReed—3 CR 80 R
- HPR R03 CR 80 R 5PK petals
- HPReed—4 Tri-Moto
- HPR R04 Tri-Moto 5PK petals
- HPReed—5 YZ 80 DEF
- HPR R05 YZ 80 DEF 5PK petals
- HPReed—6 RM 100/125 N/T
- HPR R06 RM 100/125 N/T 5PK petals
- HPReed—7 RM 100/400 ABC
- HPR R07 RM 100/400 5PK petals



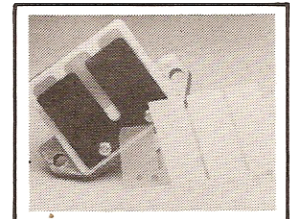
HPReed—1



HPReed—6



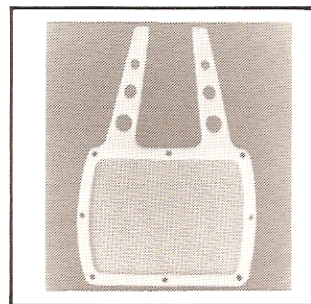
HPReed—5



HPReed—7

EXPERT NUMBER PLATES

Made from polyethylene, unbreakable plastic and designed to let the maximum amount of air flow to pass through it. Accepts 8" numbers.



- HPN001 ATC
- HPN002 RM 125-465
- HPN003 YZ 125-490
- HPN004 KX 125-420
- HPN005 CR 125, 480
- HPN006 RM 80
- HPN007 YZ 80 J
- HPN008 KX 80
- HPN009 CR 80

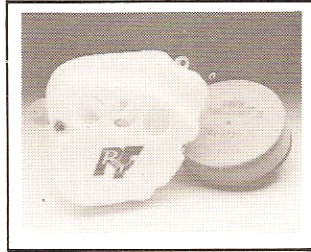
ROOST FACTORY HIGH VOLUME AIRBOXES

Nothing hampers an engine's performance more than a restrictive airbox, and lately some of the production bikes have been getting choked down by over-engineered airboxes. Roost Factory has a quick solution to a suffocating Suzuki RM 125, RM 250 or Honda ATC. By manufacturing a light weight, high volume and easy to mount plastic air box to replace the stock unit Roost Factory has eliminated the problem and found a way to slip in larger and better breathing filters. Don't get on the gas only to run out of air!

- HPAB01** ATC
(available in red or white)
- HPAB02** RM 125 X, Z 1981-82
(must specify carb size)
- HPAB03** RM 250XZ, 1981-82
- HPAB04** YZ 80H, J.
- HPAB05** KX 125, 1982
- HPAB06** KX 80, 1982
- HPAB07** RM 80, 1982



HPAB04

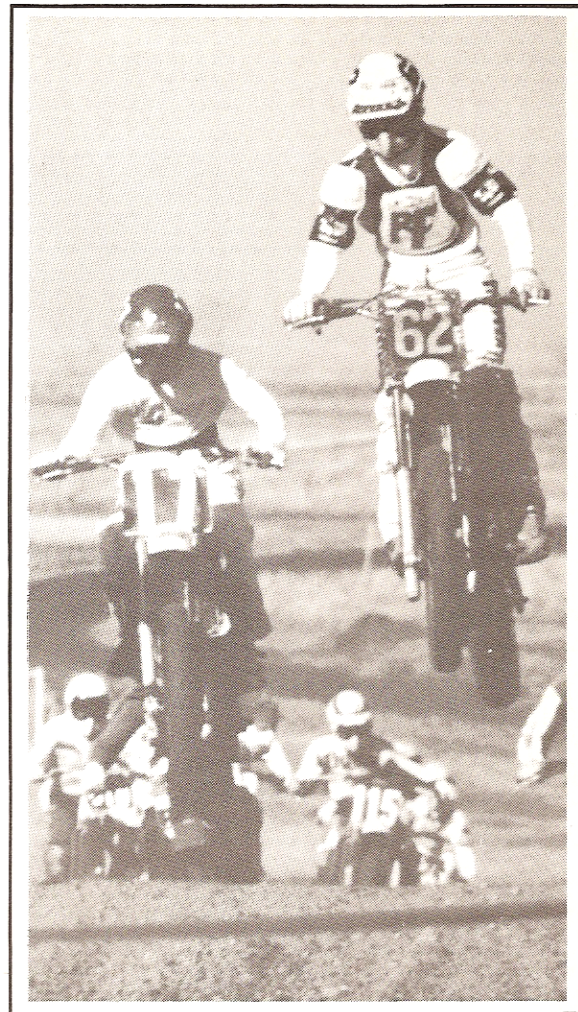
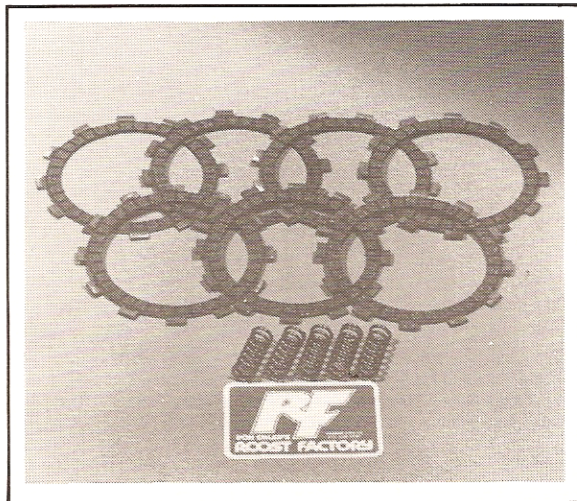


HPAB02

RF HIGH PERFORMANCE CLUTCH KITS

It's difficult to make your RM roost if the power isn't making it past the clutch. Roost Factory Clutch Kits are made from high quality metallic sintered fibers, that are bonded to a copper plated blanchard ground drive plate. These are much stronger and less likely to break or slip over the stock plates. The May issue of Motocross Action recommends RF Clutch Kits for your RM. Clutch Kits available for 50cc, 80cc, 100cc and 175cc 1976 through 1982, please specify year.

- HPRMCR** RM Clutch Kit

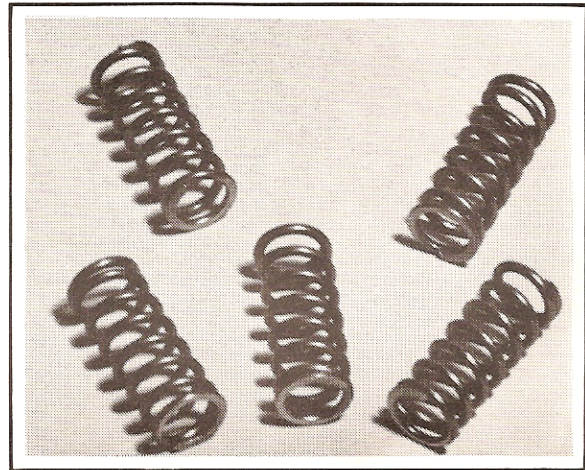


(Hole shots are common with RF horsepower.)

RF HEAVY DUTY CLUTCH SPRINGS

Most clutch slippage problems are due to weak clutch springs. To help solve this problem, the Roost Factory now has heavy duty clutch springs for all 1981-82 RM's, CR's, YZ's and KX moto-cross bikes.

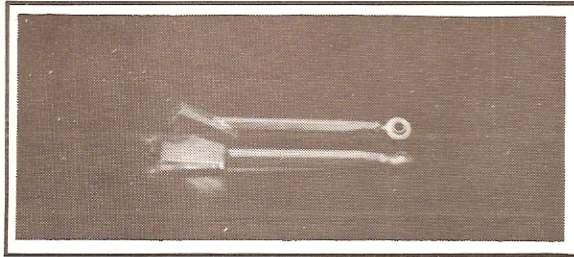
- HPRICS** Suzuki Clutch Springs
 - HPRICH** Honda Clutch Springs
 - HPRICY** Yamaha Clutch Springs
 - HPRICK** Kawasaki Clutch Springs
- (Must specify model, size and year when ordering.)



ADJUSTABLE ALLOY SHOCK STRUTTS

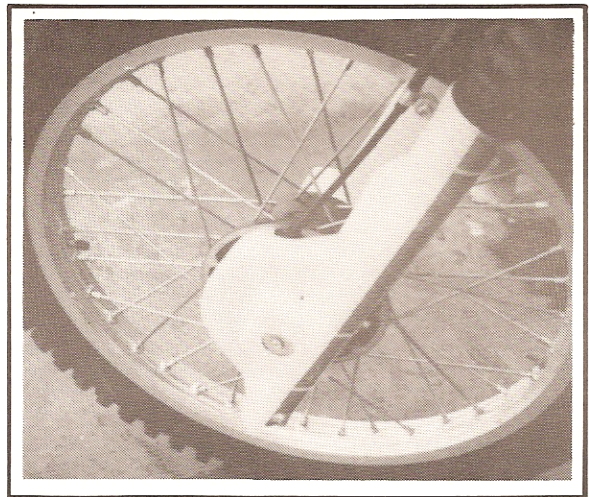
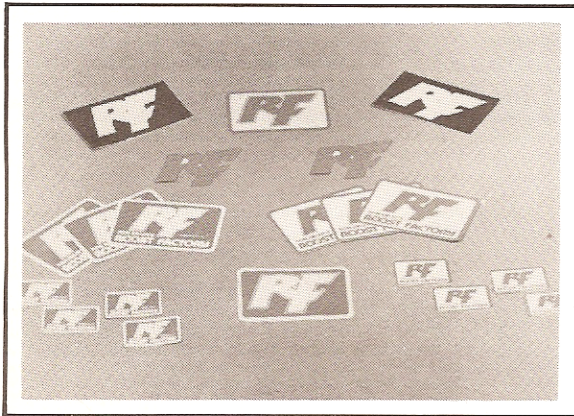
HPSAS1 Adjustable Alloy Strutt RM 125 XZ

HPSAS2 Adjustable Alloy Strutt RM 250-465 XZ



ROOST FACTORY STICKER KIT

RFS001 Sticker Kit



RF WORKS BRAKE PROTECTORS

The current craze on the works bikes are the plastic brake protectors. Undemeath the plastic shield is a regular drum but the cover keeps mud and rocks out of the lever, also protects the forks against the same kind of damage.

Available in white, red and yellow for all CR's, KX's, RM's and YZ's, including all mini's.

HPBC01 White All 125-500

HPBC02 Yellow All 125-500

HPBC03 Red All 125-500

HPBC04 White All Mini Bikes

HPBC05 Yellow All Mini Bikes

HPBC06 Red All Mini Bikes

(All models trim to fit)

ROOST FLOW PORTING

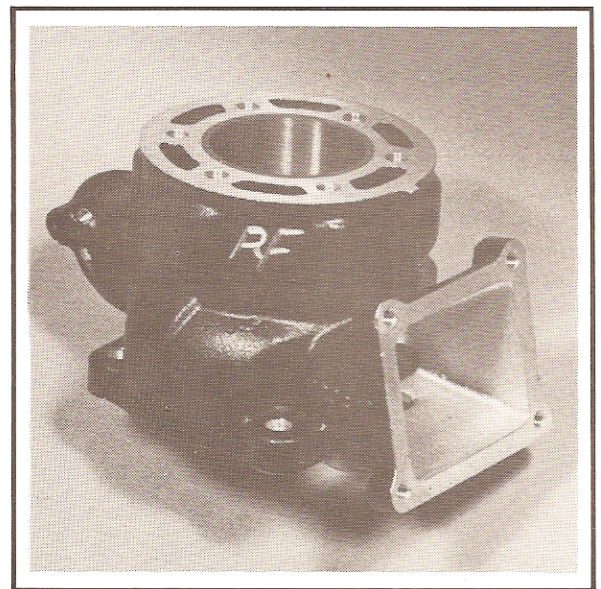
If you have ever experienced having had your cylinder ported only to find that it's lost power instead of gaining it, or waited two to three weeks to get your cylinder back from the company that you sent it to, then you didn't get your porting from the Roost Factory, because we specialize in porting cylinders so your bike will get the power where it's needed. Any racer knows that if you ride tight tracks you don't want to lose all your low end power and if you ride fast tracks you want all the power you can get in those straights. Our Roost Flow Porting provides your bike with the widest use of its powerband. We have a well staffed team of porting technicians so we can have your cylinder back to you within only a few days.

HPRFlo1 ATC Boost Porting (Pro porting with boost ports)

HPRFlo2 Pro-Flo (Gives top end and mid range for wide open power)

HPRFlo3 Intermediate (Wider use at all points of the powerband)

HPRFlo4 Novice (A basic clean and match)



ROOST FACTORY EXHAUST PIPE

Don Emler has been building pipes for motocross since the early days of MX in America. He knows what works and what doesn't. You won't find radical peaks and valleys in a Roost Factory Pipe powerband.

YAMAHA

- HPP01 YZ 60 J, 1982
- HPP02 YZ 80 J, 1982
- HPP03 YZINGER, 1982
- HPP04 YZ 125 J, 1982
- HPP05 Tri Moto 125, 1981-1982
- HPP06 Tri Moto 175, 1982

SUZUKI

- HPP07 RM 80 Z, 1982
- HPP08 RM 125X, Z, 1981-1982
- HPP09 RM 250 Z, 1982

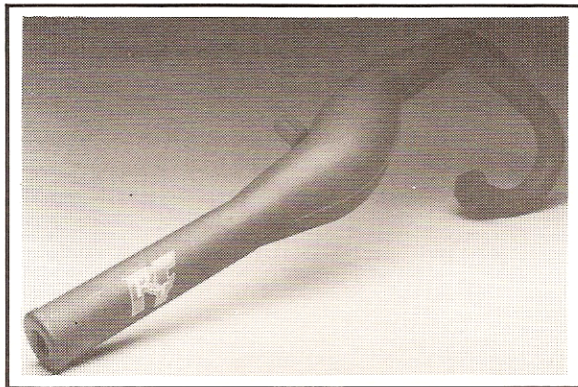
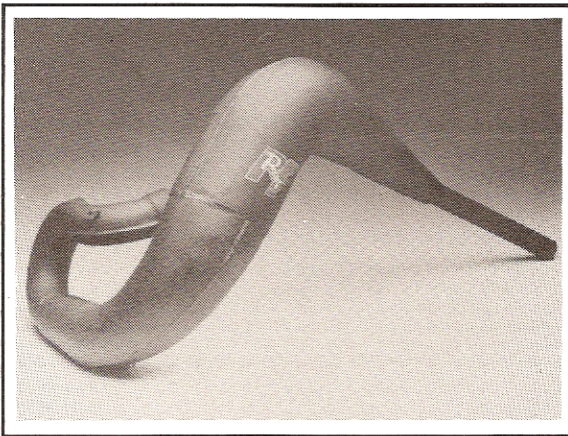
HONDA

- HPP10 XR 80 with Super Trapp, 1981-1982
- HPP11 CR 125 R, 1982
- HPP12 CR 250 R, 1982
- HPP13 Odyssey, 1978-1982
- HPP14 ATC 90/110 with Super Trapp 1978-1982
- HPP15 ATC 185/200 High Performance, 1979-1982
- HPP16 ATC 250R with Built-in Muffler, 1981-1982
- HPP17 ATC 250R with Stinger, 1981-1982

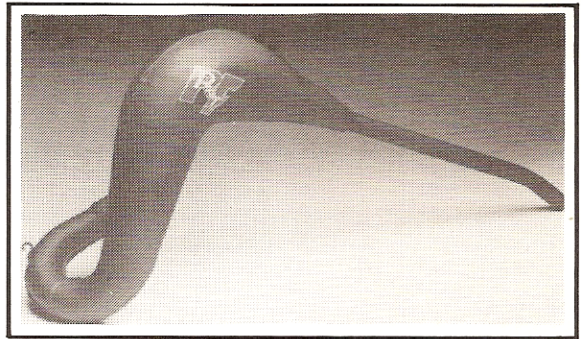
KAWASAKI

- HPP18 KX 80, 1982
- HPP19 KX 125, 1982
- HPP20 KLX 200 with Super Trapp, 1982
- HPP21 KDX 175, 1982

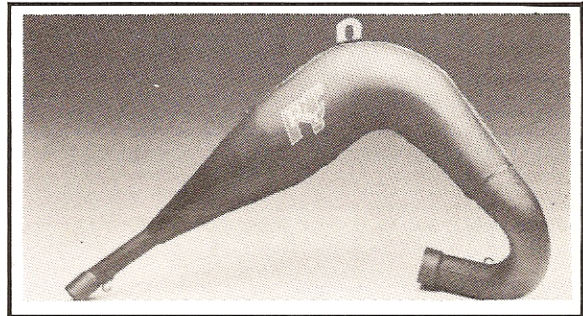
HPP12



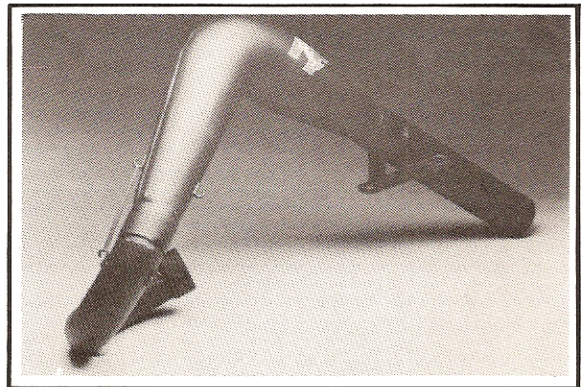
HPP05



HPP11



HPP04



HPP13

Refer to price sheet for complete engine kits.

THE ROOST POWER VALVE

Designed to replace the stock arm that actuates the YZ 125 and 250 power valve linkage. The stock arm is made from flimsy cold steel and has a tendency to bend, which will result in a great loss of horsepower. The Roost Power Valve is made from high grade machine aluminum and will not bend or twist.

- HPV001 Roost Power Valve

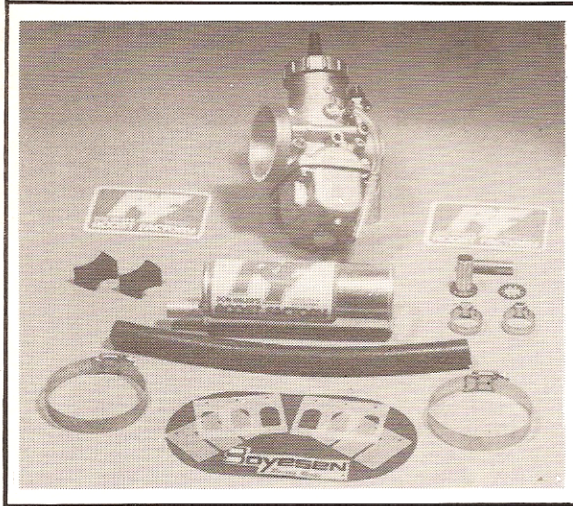
THE ROOST FACTORY INDUCTION KIT FOR THE ATC 250R

This money saving kit is designed to give your bike more horsepower, smoother powerband, increase low end torque and will **SAVE** you up to **\$20.00**.

Kit includes:

- Pre-jetted Mikuni Carb Kit (filter and cable)
- Factory Roost Bottle
- and Boyesen Reeds

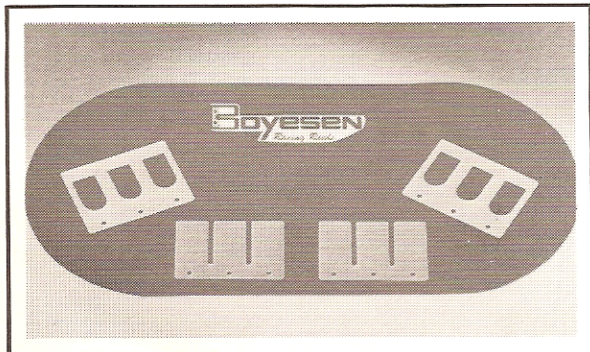
HPIK1 Induction Kit



BOYESEN DUAL STAGE REEDS

Rarely has one product been graced with such magic powers as the Boyesen dual stage reeds. Utilizing a patented two-stage reed petal the Boyesen reeds have been known to bring to life lackluster motors. By carefully controlling the fibre thickness and flexibility of the reed petal the Boyesen reed opens sooner to increase low-end power. But that isn't all! The second stage of the Boyesen reed kicks in at the mid-range to increase fuel flow for a power rush. Boyesen reeds give your motor new life by making the fuel flow more responsive to entire rpm. Boyesen reeds bolt right on without any muss or fuss.

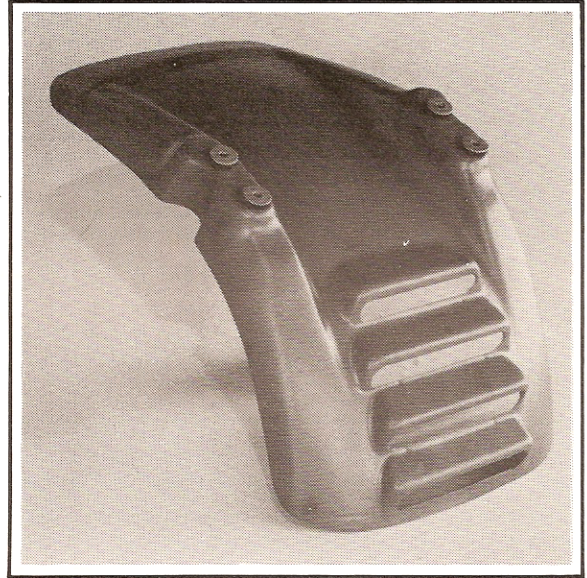
Refer to Price List for application chart.



ATC LOUVERED FENDER

These super trick ATC 250R Front Fenders are designed to allow maximum air flow to the power plant. They are made of sturdy unbreakable polyethylene plastic and are a must for desert riders.

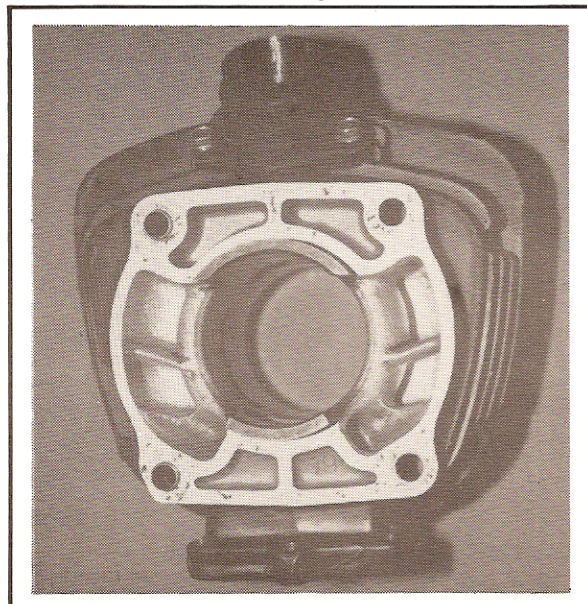
HLF001 ATC Louvered Fender



ATC 250R BOOST PORTING

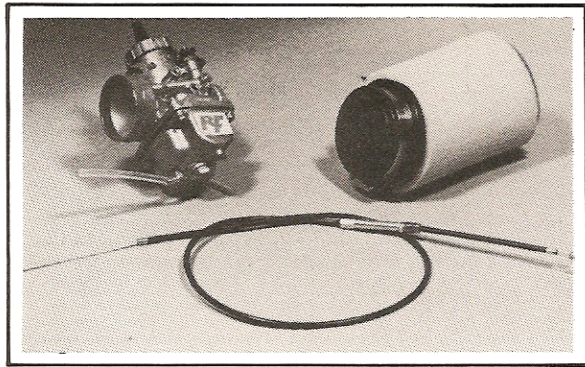
ATC racing has become a very competitive new sport, and very often the difference between winning and losing is determined by the racer who can get the hole shot or out-horsepower his competitors up the hills and down the straights. Don Emler knows that and that's why he recommends Roost Factory ATC Porting with Boost Ports. It's the hot tip when it comes to maximum horsepower.

HPRFio1 250R Pro Porting with Boost Ports



ATC CARB KITS

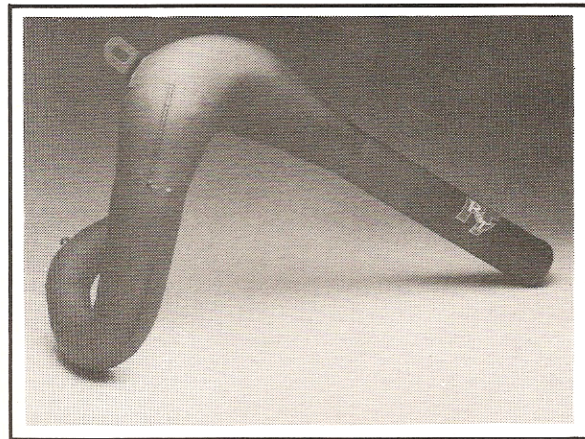
HPCK3A ATC 250R Filter and Cable



ATC EXHAUST PIPE

Roost Factory's latest development is the ATC 250R Exhaust Pipe. This pipe was designed for competition use and is recommended for riders that are used to exploding off the line, wheeling out of the turns, and flying down the straights! It'll be hard enough just to hang on after you put a Roost Factory Pipe on your ATC 250R.

HPP16 ATC 250R Exhaust Pipe

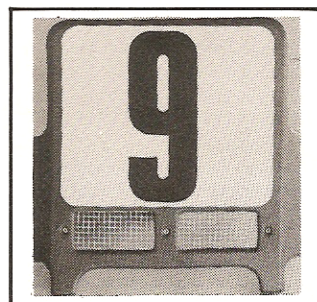


ATC 250R PLASTIC GAS TANK

HPAG01 ATC 250R

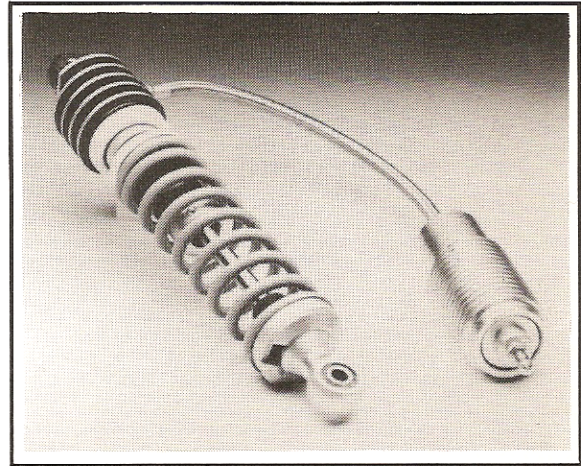
ATC NUMBER PLATE

HNP001 ATC 250R



WORKS PERFORMANCE SHOCKS

HPSR01 YZ 80 H, 1981
HPSR02 YZ 80 J, 1982
HPSR03 KX 80, 1982
HPSR04 ATC 250R, 1981-1982



ATC 250R BOLT ON KIT

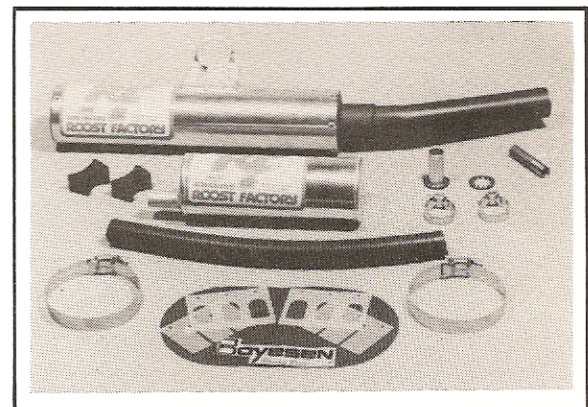
Now three of the most popular items on the motocross market to date are in one money saving kit.

Kit includes:

- Rebuildable Alloy Silencer
- Factory Roost Bottle
- and Boyesen Dual Stage Reeds

HPB0K1 ATC 250R, 1981-1982

Also available for all CR, RM, KX and YZ most years (also most enduros).



SIMONS ATC 250R FORK KIT

More and more ATC racing events are now held on motocross tracks, which are tough enough on regular motocross bikes. But, when you try to race on those same tracks with your ATC you better have top notch suspension under you. That's why we recommend the Simons Fork Kit to dial in your front forks. The Simons Fork Kit is a sure cure for a weak ATC front suspension.

HPFORK Simons ATC 250R Fork Kit

A special thank you to our customers.

At the Roost Factory we will provide the best service, best quality, and most competitive prices.
Thank you for your support.

Don Emler

Don Emler
President

Dear Roost Factory,

I recently sent for one of your roost bottles for a YZ-80G. You say it improves throttle response, produces more torque, and makes a smoother power band. Well, it did just that. It does make your bike run better and faster. It also got here very fast. I live in Pennsylvania and ordered it from California, it got here in three days.

My congratulations for a great product.

*Sincerely,
Andrew Fitzcarrin*

April 20, 1982

Public Relations Director,

I wanted to write you a personal thank you for the wonderful care that was shown by your men from the Roost Factory at the Saddleback, California race, World Mini, and Race of Champion races, on April 16th-17th-18th.

My son John Mock went over to visit your Roost Factory team, and was treated to the best and nicest service. He made lasting friends, and we were very impressed by the fact that they took the time and patience to be his friend.

I spoke briefly with these people, and I can tell you, they are number 1 on our list, and we felt we should let you know. So please give them our special thanks as we appreciate your support.

You have the right team working for you, and we will spread the word on the great Roost Factory.

Thank you.

*Sincerely,
Gene & Millie Mock*

And a special thanks from John as he has made great friends!



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