

All About Suspension-Damper Rods & Fork Kits

POPULAR

CYCLING IND

June 1976 \$1.00

34120

SUPER TESTS!

- Bultaco 370 Pursang
- Yamaha IT 400

HOW TO:

Build A 116cc XR

Honda • Build Gas

Shocks-\$9.95 •

Enduro-ize Your

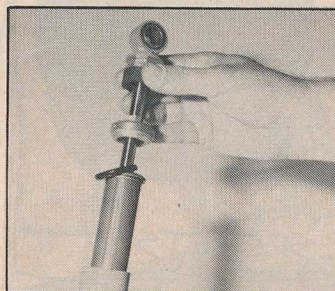
RM • True Wheels •

Change A Wheel In

7-Seconds!



JUNE 1976



Cover:
Marty Tripes puts the new Bultaco 370 Pursang into the outer hemisphere for Steve Reyes' trusty Pentax.

Centerspread:
Tony D., Roger, and other heroes, under the lights, earning a living.

POPULAR CYCLING

VOLUME 9, NUMBER 6

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Modifying Your RM 250/370 For Enduros

If You'd Like to Try Your Hand in the Backwoods,
You Don't Have to Buy a New Bike,
Just Get Out the Toolkit (and the Checkbook)

By Rick Valasek



If you're getting a little burned out with the weekend battle on the motocross track, maybe it's time you tried a few enduros to provide a little variety in your cycling life. "All that's good but what do I do for a bike?" you might ask. Well, the one you have might just be suited for the task, given a little help from the right accessories.

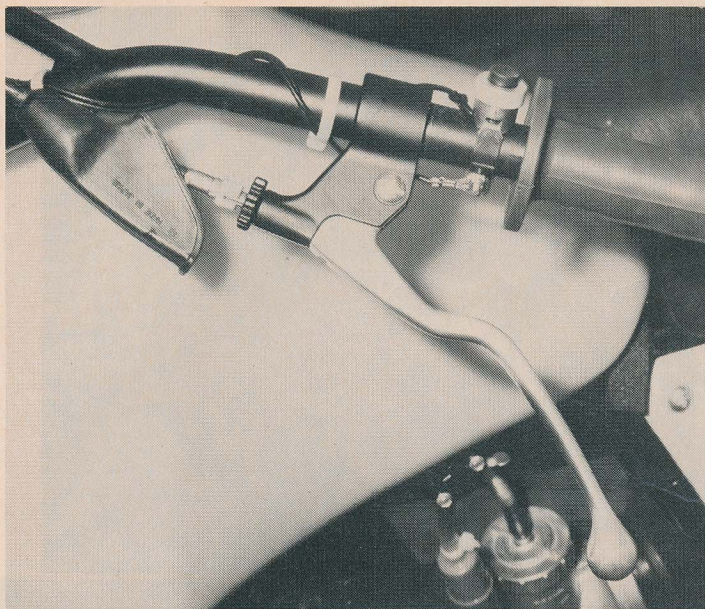
Cycle Products West has set up several motocross bikes for enduros. The follow-

ing photos show what can be done with an RM 250. Don't let the fact that the bike is a Suzuki limit you; CPW can also provide the same accessories for a variety of brands. Also, you might note that the bike shown here has the full treatment, you're going to have to sit down and decide how far you want to go with your budget to produce a competitive bike. If you eliminate some of the non-essential features, you can still be in the running

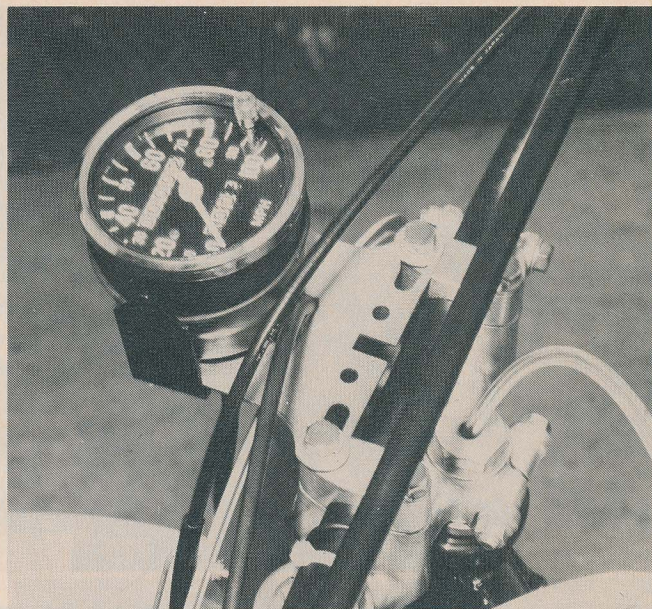
and save up for all of the trick stuff later.

One of the nicest things about the conversion is that it makes your bike super-sano for a motocross. While porting and blueprinting your cylinder is not essential for enduro work (for beginners), it doesn't hurt you on the motocross track.

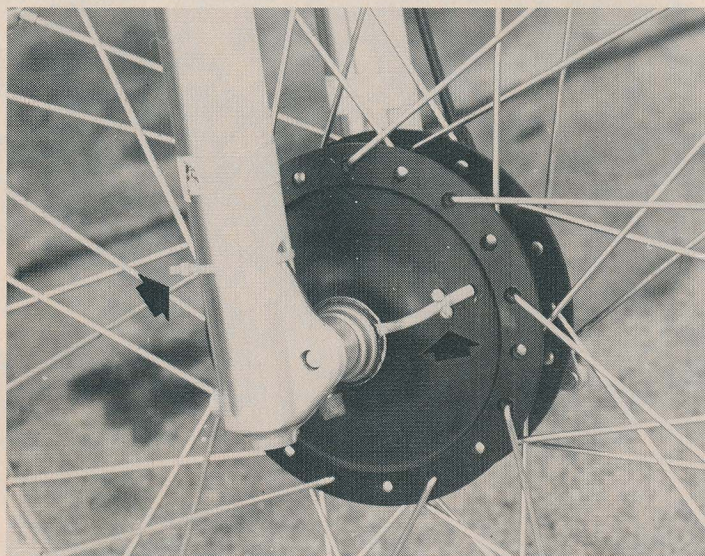
We might also mention that CPW has a 38mm carb, pipe and silencer kit that broadens the entire powerband.



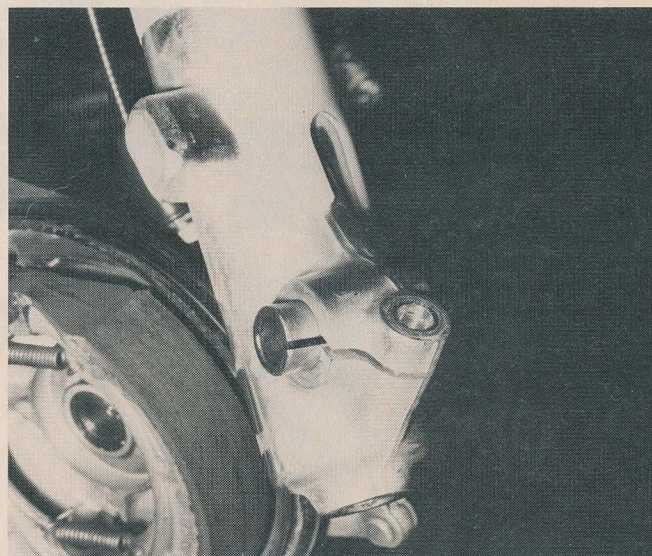
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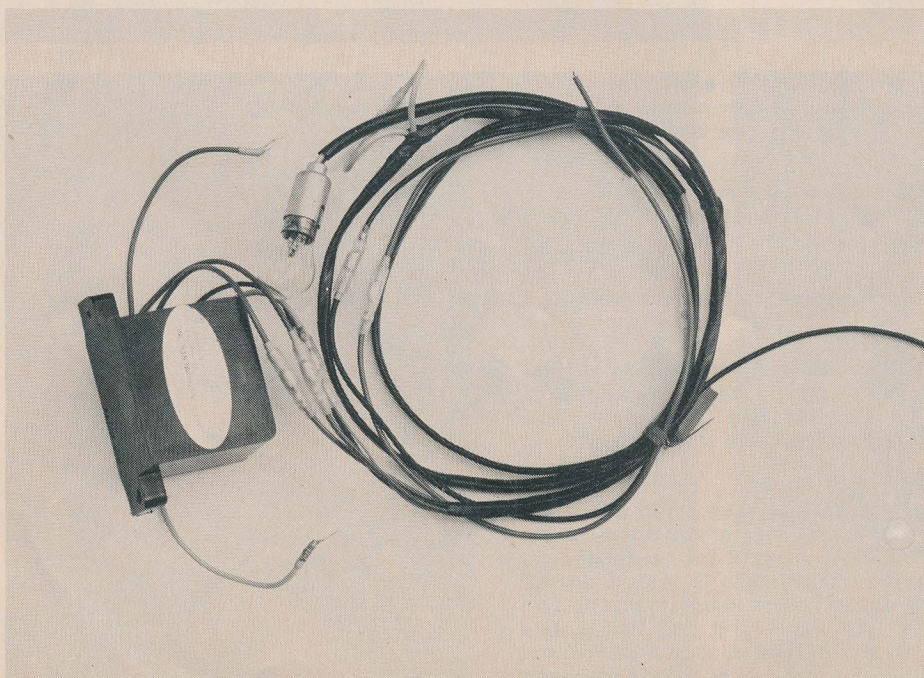
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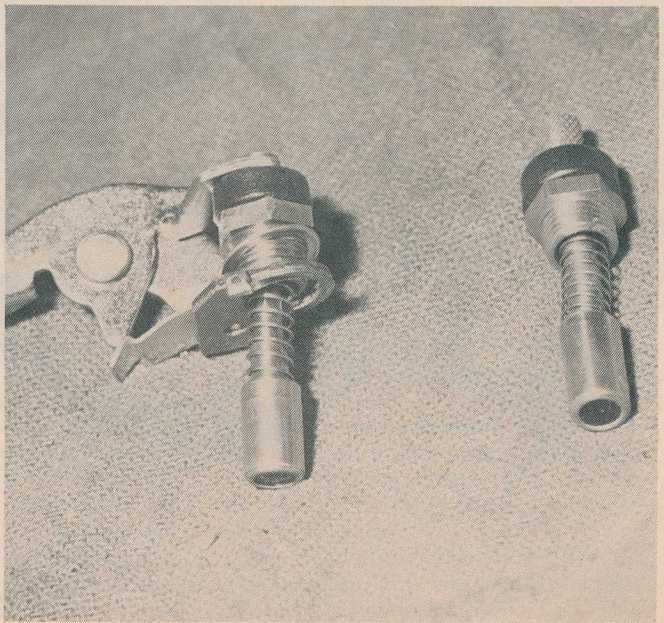
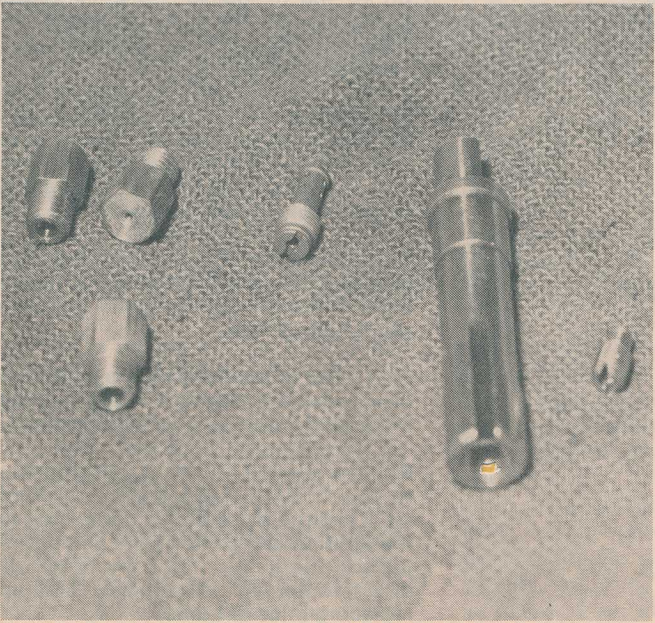
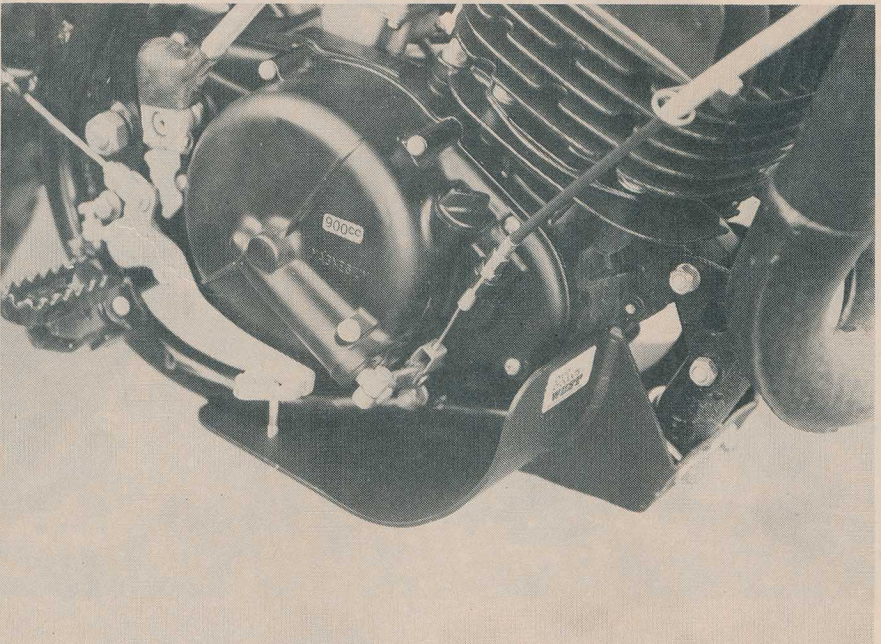
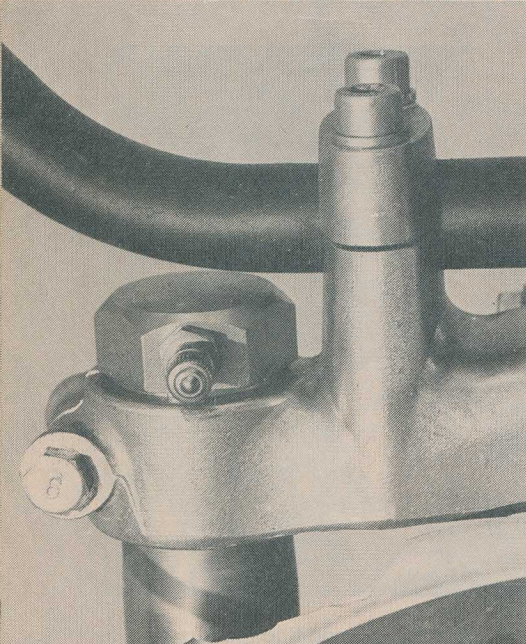
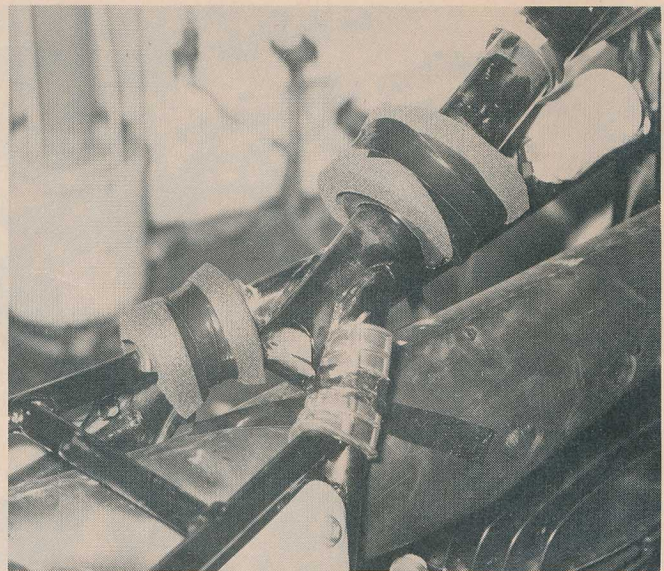
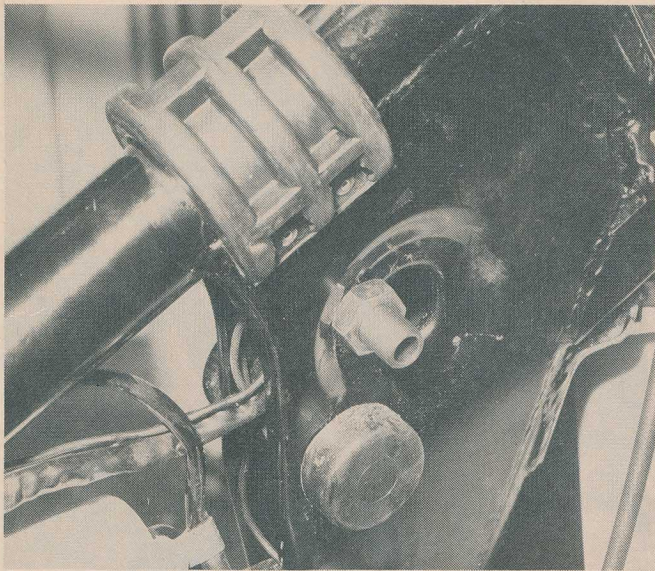
1. Most people will find the Suzuki a lot more manageable if about an inch is cut off of the handlebars. Magura power levers replace the stockers and Ridco grips provide a lot of stickum even when wet.

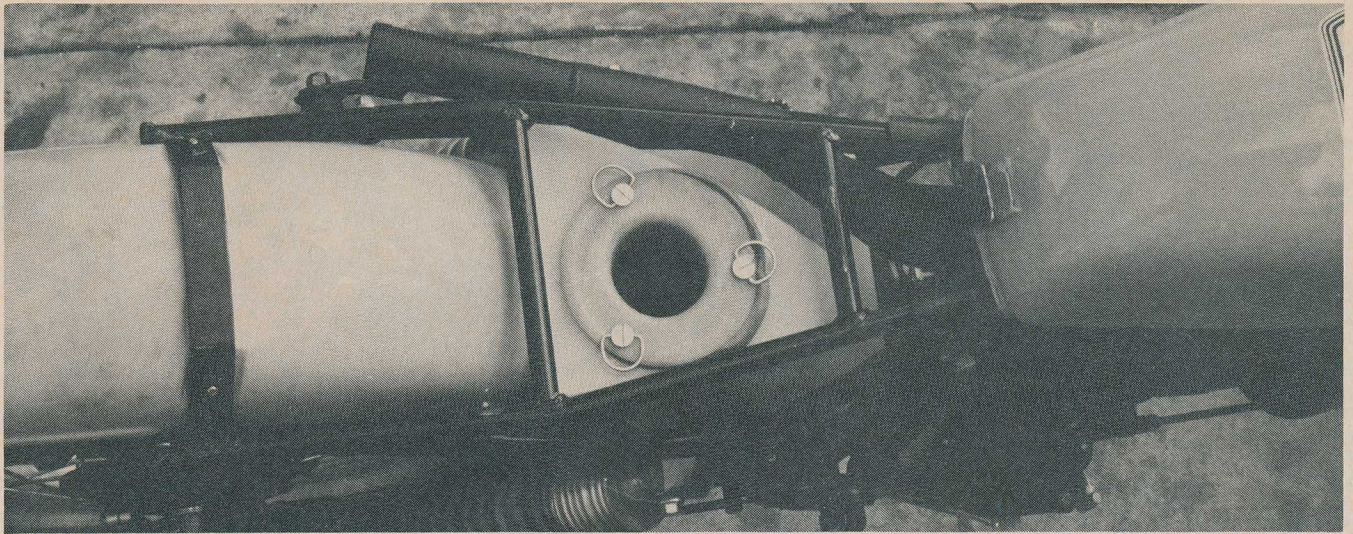
2. CPW offers this VDO Speedo, bracket and sending unit that have been calibrated for the Suzuki front wheel. This is a must-have item if you're going to get involved with enduros.

3. The sending unit replaces the right axle spacer and is secured to the hub by sheet metal screws. The cable is held in place with zip-ties.

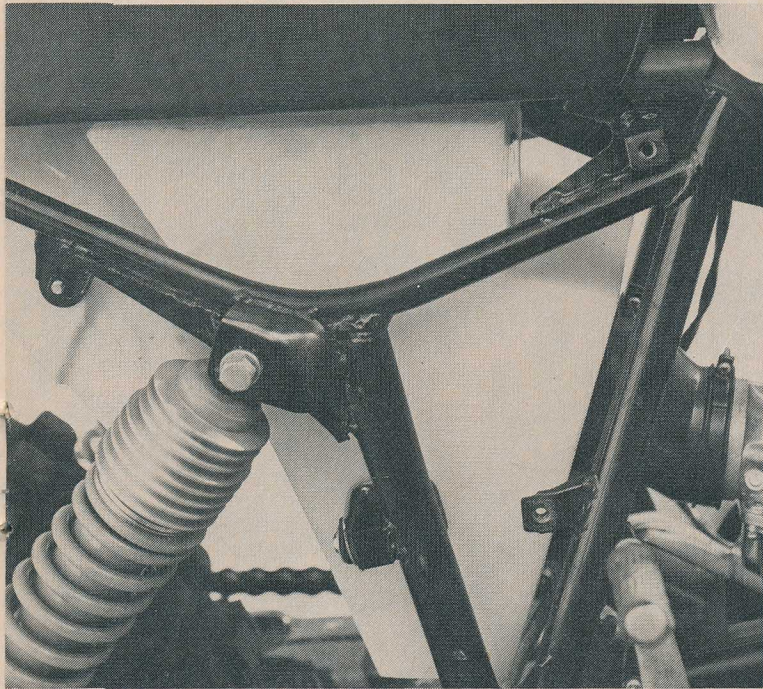
4. A note of caution: Line up the axle sleeve slot with the slot in the fork leg in order to secure the axle properly.

5. Here are the electrical components to the Preston Petty/Weda headlight kit. The little black box is connected to the ignition and controls the amount of juice to the bulbs. If you try to go the direct route, you're going to end up replacing a lot of bulbs.

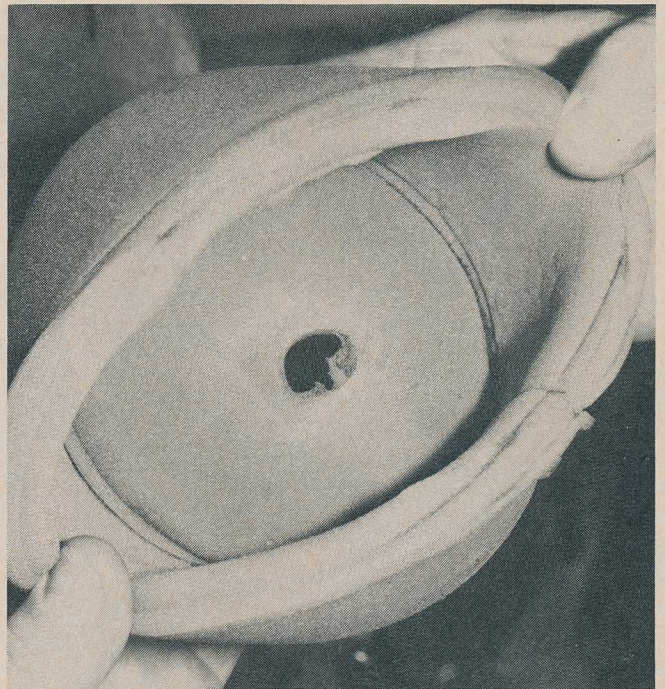




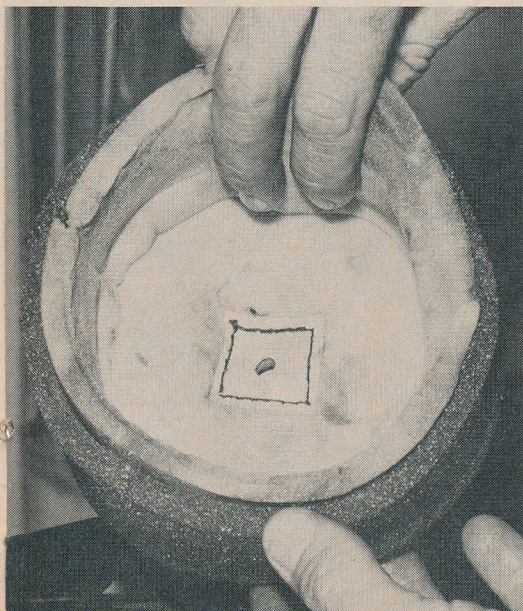
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6. To mount the Vesco Skinny-Fat tank, you have to drill a hole through the steering head and bolt this fitting into place.

7. Next, wrap some foam (provided) around the tubes to protect the tank from vibration and to keep it away from the pipe.

8. Air fork caps and a new front fork kit are optional items.

9. This aluminum skid plate is necessary unless you enjoy buying new cases every weekend. This particular skid plate also protects the clutch assembly.

10. If you don't want to shell out the money for a 38mm carb, at least get your hands on one of these jetting kits for the stocker. It contains three main jets, an air correction screw, needle jet, and a pilot jet. If you are having a problem with your jetting, this is definitely the hot setup.

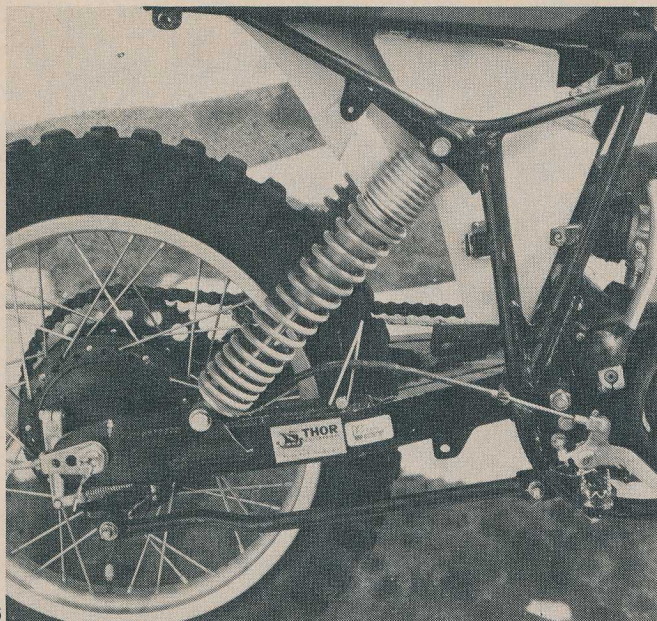
11. On the right is the stock choke lever, CPW makes the replacement on the left. This is another non-essential unless you happen to wear gloves when you ride.

12. If you have had the pleasure of trying to remove the air cleaner from your stock Suzuki, here's an item you'll be interested in. This replacement air-box comes from Hoss Industries complete with a two-stage foam element.

13. As you can see, the element is easily removed. This system is a little different from most. The filter is connected to the box rather than the carb throat, so if any dirt gets through the filter, it will settle in the bottom of the box rather than in your cylinder.

14. After one cleaning, the stock filter begins to tear . . .

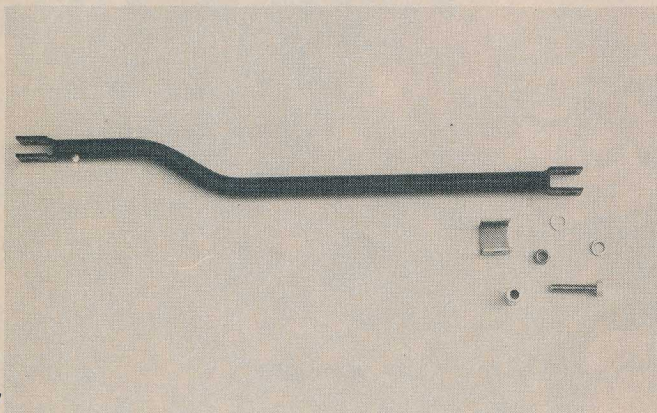
15. . . the new Hoss two-stage filter seems to have solved the problem.



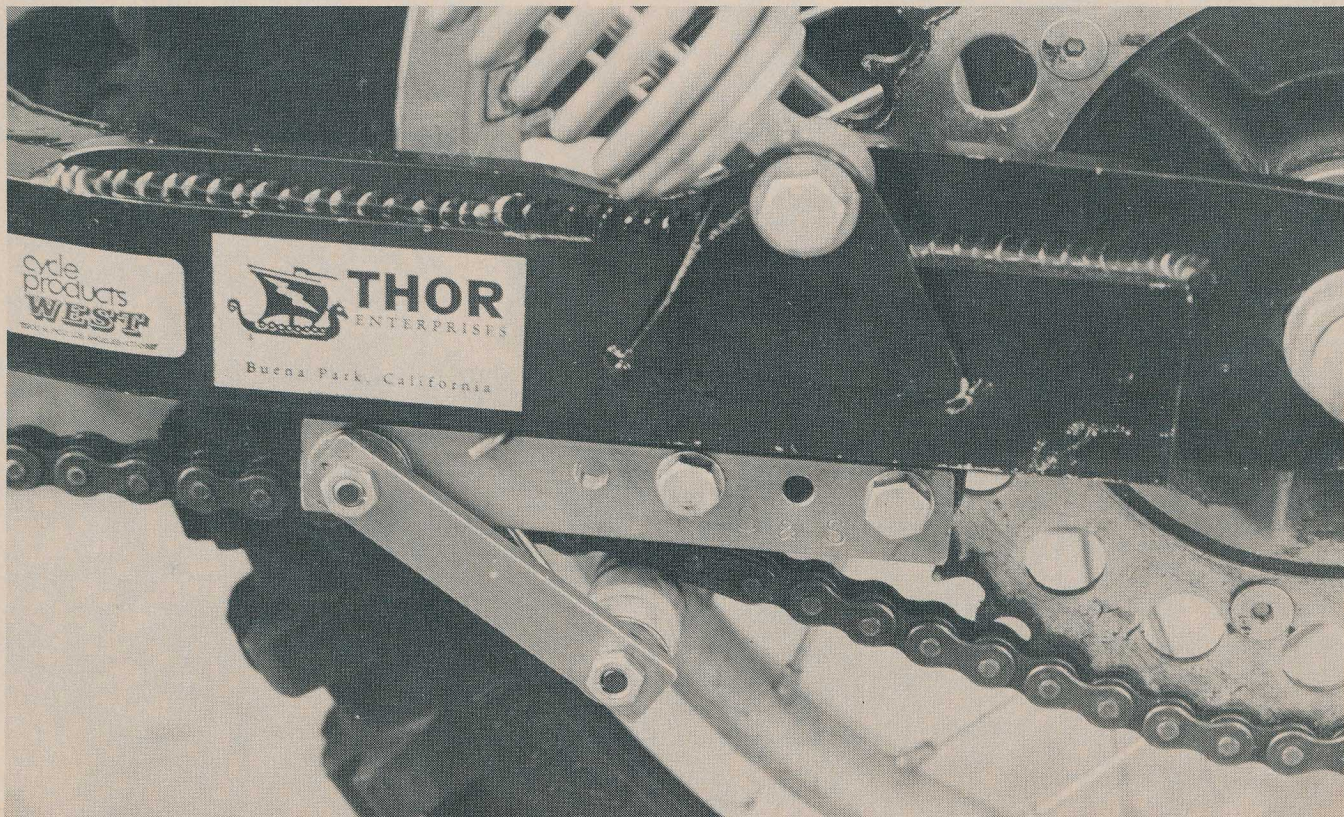
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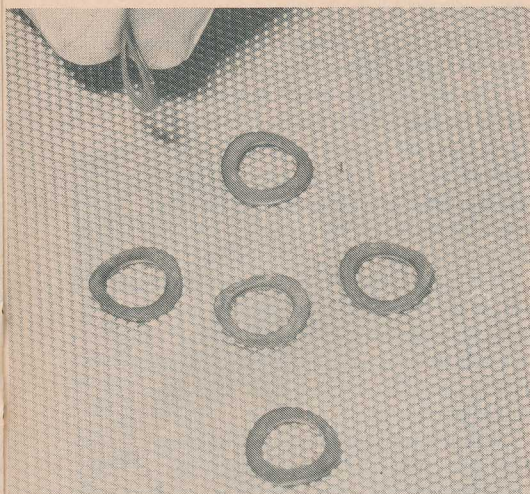
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16. Shocks are long travel Boge Mulhollands. Swingarm is by Thor Enterprises, it's as close to the factory item as you can get.

17. This is the rear floating brake arm assembly. Next time you see Roger D., check out his rear wheel. Although this is essentially a motocross item, you might want to include it on your enduro bike.

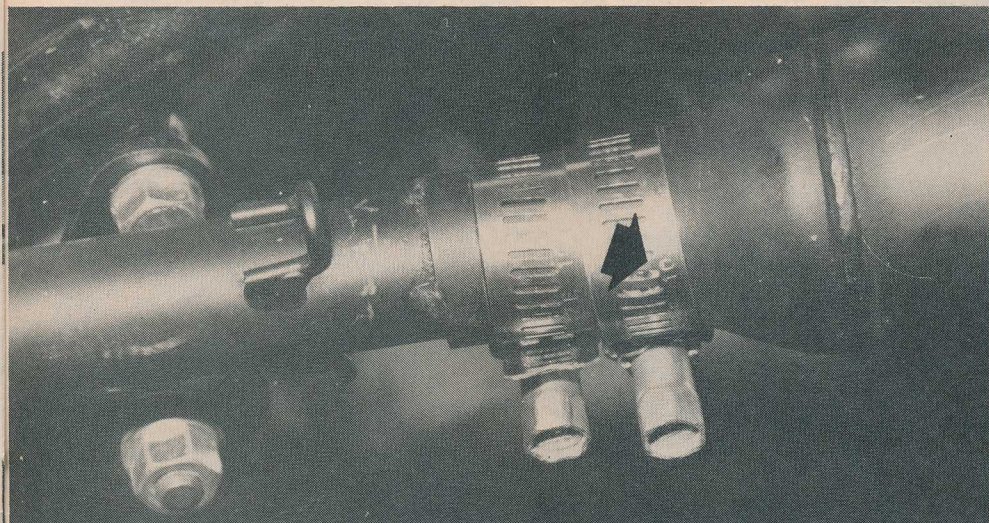
18. Because of the long travel shocks, you are going to need a chain tensioner on your bike. This S&S unit does the job.

19. The Hoss front mudguard fender is another dual purpose item that can be seen on the motocross track as well as the enduro circuit.

20. These spring washers, together with the aircraft locknuts, will save you big bucks. If you haven't replaced the stock bolts and nuts on your rear hub, do it now before you end up with a lot of scrap metal.

21. The Trapp Silencer is hooked up to the stock pipe. CPW recommends that you use a sheet metal screw to hold it in place and put an additional hose clamp over the screw. This adjustable silencer is great for the stock pipes. If you buy it as part of the replacement pipe kit, it works even better.

22. Last, but hardly least, is this ISDT Gold Medal tool bag. Remember, if you break down in an enduro, it's nice to have the fixing tools with you instead of 40 miles away in the back of your truck.



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PRICE LIST:

Thor aluminum factory replica swingarm	\$149.95
Magura power levers, pair	23.99
Ridco grips	4.25
Throttle cable (nylon)	4.95
Clutch and brake cable (nylon), each	5.95
V.D.O. Speedo kit with sending unit, calibrated for RM 250/370	74.95
Vesco Skinny-Fat tank, 3.3 gal.	54.95
Preston Petty/Weda lighting kit with ignition unit and wiring	59.95
Front fork kit with springs	29.95
Air caps	14.95
Skid plate (aluminum)	26.99
Carb rebuild kit for 36mm Mikuni—has three main jets, air correction screw, needle jet and pilot jet	7.99
38mm Mikuni road-racing carb with extra main—set up for RM 250	49.95
Expansion chamber with Trapp silencer and spark arrestor (if desired)	69.95
Choke lever for 36mm Mikuni	7.99
Hoss airbox with twin stage filter	49.95
Twin stage filter only	9.50
Boge LTG long travel gas shocks	89.95
Springs for Boge shocks (specify progressive or straight wound)	19.95 to 27.95
S&S chain tensioner	24.95
Rear floating brake arm	19.99
Hoss mudguard front fender	11.99
Rear Hub Saver kit (includes spring washers and 8mm aircraft lock nuts)	1.99
Trapp silencer (complete with extra washers)	22.99
ISDT Gold Medal leather tool bag (brown or black)	22.99
Enduro chart holder	16.25
Built-up seat (send yours in—CPW does the work)	24.95
Preston Petty IT rear fender	18.95
Countershaft sprockets	7.99
Fork boots	14.95
Allen screw kit for cases	3.99
AC gas filter	1.99
Porting and blueprinting cylinder	50.00



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ALL ITEMS CAN BE PURCHASED AT CYCLE PRODUCTS WEST, 11900 WEST PICO BLVD., LOS ANGELES, CA 90064 (213) 473-7996