

DATE July 15, 1983

## IT490K PERFORMANCE MODIFICATIONS

The modifications described here will make the IT490K a more competitive enduro and cross country machine. These modifications, however, are not intended to wring out the last ounce of horsepower at the expense of reliability or mid-range performance.

Bear in mind that some of these modifications will affect the warranty; see your Owner's Warranty Guide for details.

### FRONT FORKS

If you desire stiffer fork springs, install the standard YZ490K springs (23X-23141-10-00). They will stiffen the front suspension and change the motorcycle's attitude by raising the front end. This also increases high-speed stability. The spring rate for the YZ490K spring is 0.305 kg/mm; spring rate for the stock spring is 0.290 kg/mm.

If you do not want stiffer springs, lower the fork tubes in the clamps until the tops of the tubes are flush with the top of the triple clamp. This will improve high-speed stability by raising the front end.

### FRONT BRAKE CABLE

The front brake cable can be repositioned so it does not block your view of the odometer. Substitute the top cable guide from the XT550K (5Y1-23317-00-00) for the stock guide.

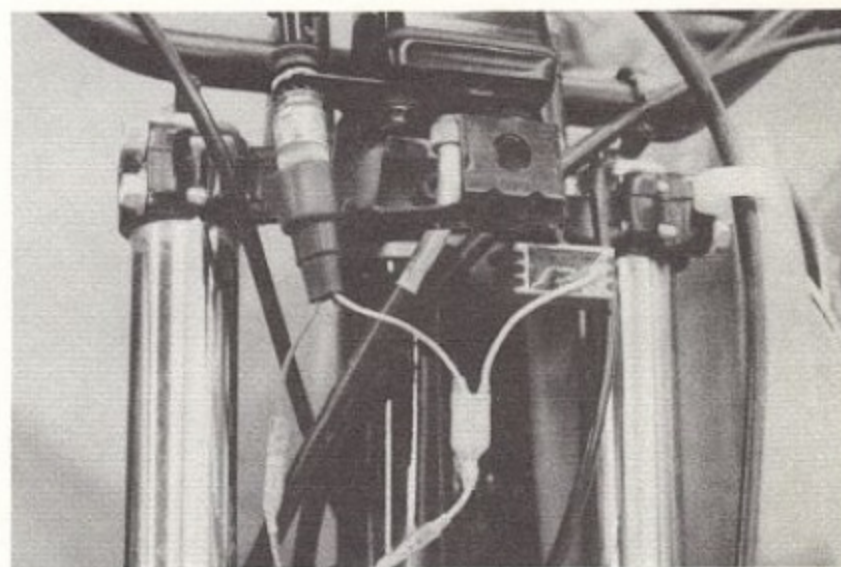
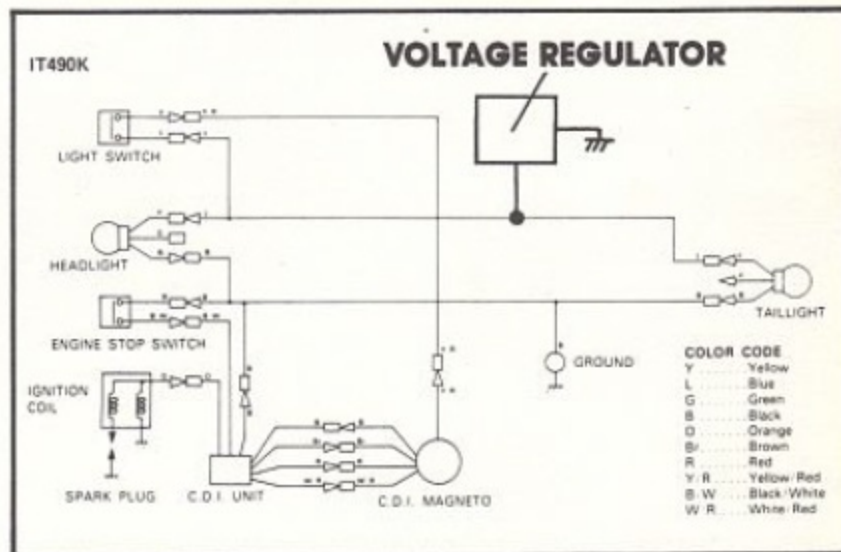
### HORSEPOWER

Installing an Answer Products silencer-spark arrestor will increase horsepower and reduce weight by approximately 2-1/2 pounds. Be aware, however, that this silencer may not pass some sound tests.

If your engine pings when using this silencer, raise the jet needle in the carburetor or install a Q-4 needle jet (510-14141-54-00).

### LIGHTING

Install a voltage regulator (4F4-81910-60-00) to improve the reliability of the lighting system. The regulator will prevent voltage spikes which can blow bulbs.



SERVICE COPY	SER MGR	MECH	MECH	MECH	BINDER
OFFICE COPY	GEN MGR	SALES	PARTS	BINDER	PAGE 1 OF 1