



RAJO Leads in Speed and Power!

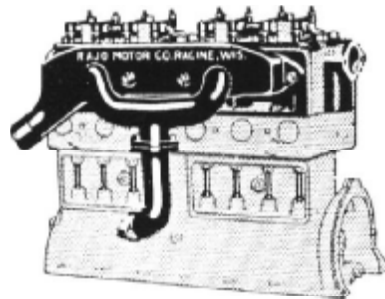
On Labor Day, up Pike's Peak in 19 minutes 50 $\frac{4}{5}$ seconds, winning the world's 1922 hill climbing championship, competing with leading makes of cars-

On Sept. 3rd, at San Luis Obispo, Cal., around the mile oval in 4-t seconds flat, breaking all previous records for one mile on a dirt track-
On Sept. 4th, at San Luis Obispo, 15 miles in 12 minutes flat; 20 miles in 15 minutes, 55 seconds; 25 miles in 20 minutes, 1 second-all world's records, as of that date-

On Sept. 8th, around the half-mile dirt track at Longmont, Colo., in 32 seconds flat, breaking the Colorado state record for the half-mile-

These are a few of the latest 1922 speed and power records made by Fords equipped with the RAJO Valve-in-Head—records made possible only by RAJO superior overhead valve design and absolutely accurate machining of combustion chambers.

POWER, SPEED, ECONOMY—they are all yours when you equip your Ford with a RAJO. Be a leader! Put your Ford in the champion class. Write for descriptive information and prices.

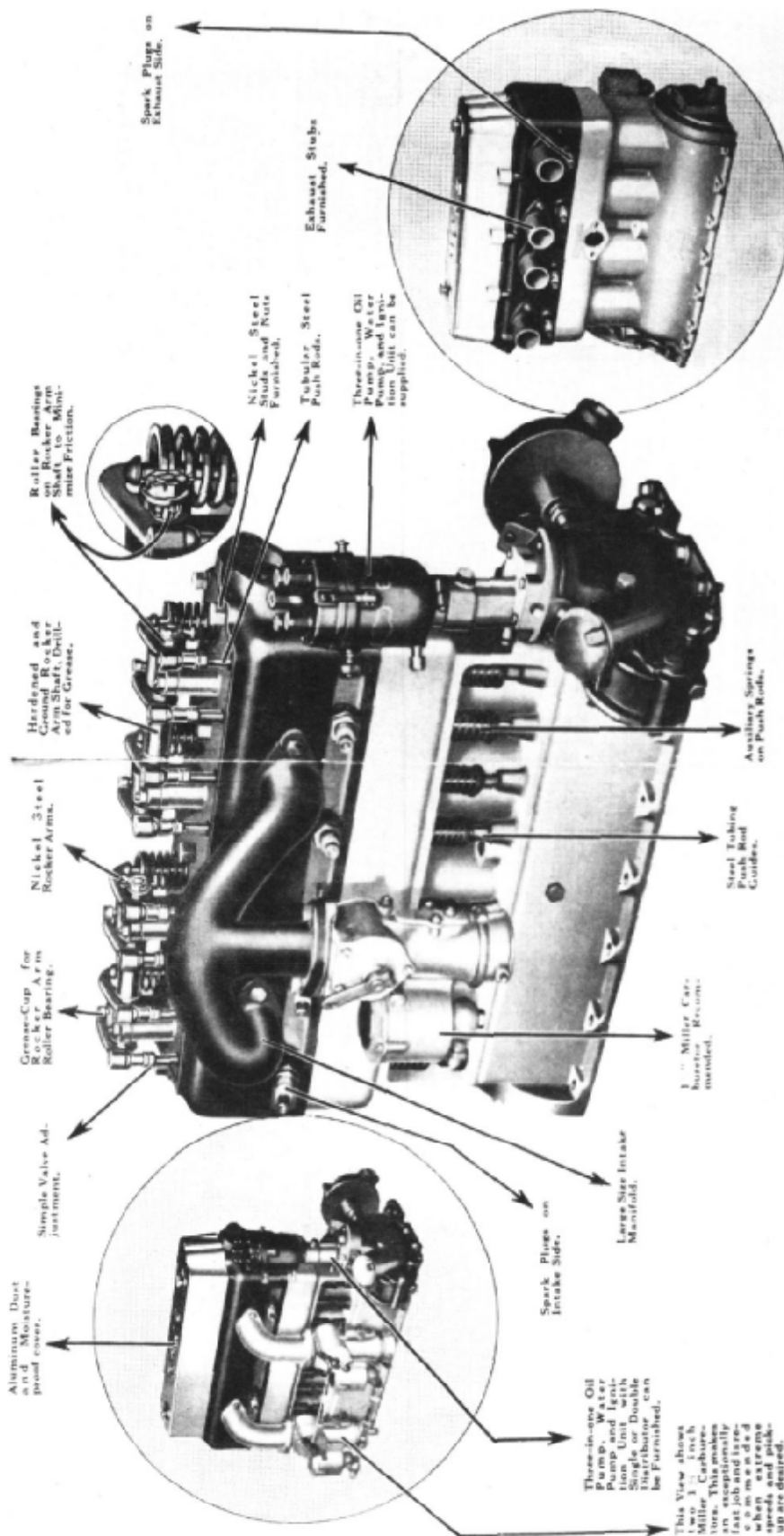


The standard type RAJO Valve-in-Head for stock model Fords adds from 8 to 14 H. P. to the capacity of the Ford motor, makes possible speeds of more than 55 miles an hour with standard gear ratio, develops pick-up of from 5 to 40 miles in 14 seconds, and saves gas. The RAJO duplex "hot spot," double capacity Tungsten steel valves, direct firing, and better cooling make RAJO marvelous performance possible.

RAJO MOTOR COMPANY
1355 Racine Street Racine, Wisconsin



The RAJO ads. The RAJO Motor Company ran a series of ads in the "Ford Owner and Dealer" trade magazine proclaiming the RAJO Ford victories at Pike's Peak. In addition, RAJO distributed a colorful flyer featuring Bullock's sensational victory.



These Features Make Rajo Supreme!

The Rajo Valve-in-Head is built to "stand the gaff." Only the finest materials and most careful workmanship enter into its construction. The tests of racing are too severe to take chances. Rajo supremacy is based on Rajo quality.

The head casting itself is of the best grade gray iron. The large 1 1/2" valves are made of Tungsten steel. The hardened and ground rocker arm shaft is drilled for oiling, the oil being fed by oil cups located on the bearings. The rocker arms are of nickel steel and are fitted with roller bearings. This eliminates friction to the last degree. The cylinder head studs are

nickel steel, the push rods and push rod guides are steel tubing. The head is drilled for the use of two sets of spark plugs—a set to each side. Auxiliary valve springs are furnished.

The Rajo Valve-in-Head for racing purposes is a quality job clear through. It leads the field of racing models just the same as its powerful mate, the "Model A." Rajo head leads the field for commercial use and ordinary driving. This racing model will develop speeds as high as 110 miles an hour. It will make any Ford the speediest car, per pound of weight and piston displacement, that it is possible to build.