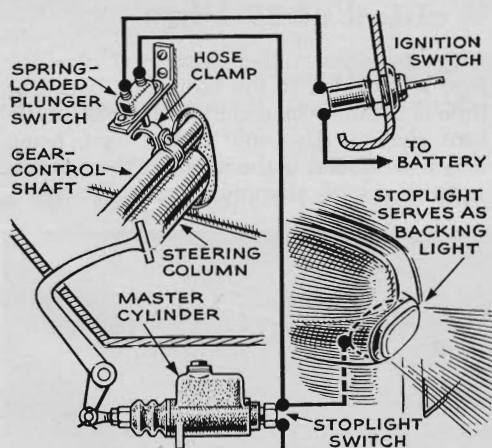
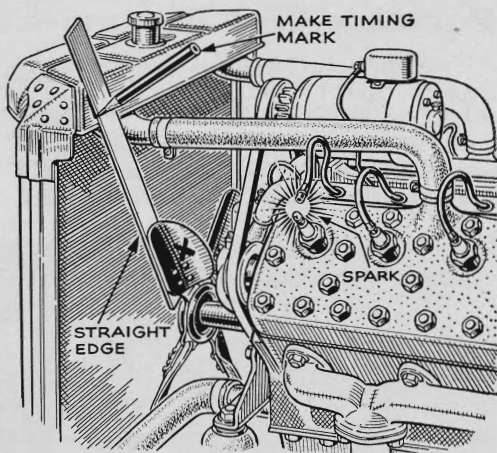


Guide for Backing Trailer. Anyone who has ever backed a two-wheel auto trailer will appreciate this simple guide to its direction. Suggested by Ralph S. Wilkes, of Keuka Park, N. Y., the directional guide is an upright hardwood stick about 1" square

by 3' long and a clamping device. If you can't buy the wing bolts, make your own by heating the heads of $\frac{1}{4}$ " or $\frac{3}{8}$ " machine bolts and flattening the heads with a hammer. The nuts are set into square recesses chiseled in the wood.



Light for Backing Car. F. W. Atwood, of Danvers, Mass., wired his stoplight so it serves also as a backing light. He mounted a spring-loaded switch on the fire-wall and a hose clamp on the shifter rod. Shifting into reverse turns on the stoplight. It's wired through the ignition so the car can be left parked in reverse. The motor can be started without the key (with shift in reverse and brake on), but this does no harm.



Ignition Timing Kink. Here's an easy method, writes H. W. Mills, of Albion, Ill., for checking the timing of a car with a direct-drive fan. Slowly crank the engine with the ignition on after disconnecting No. 1 spark plug. When you get a spark, use a straightedge on a fan blade to mark a spot on the radiator. Also identify the fan blade as well. This is mainly useful if one mark is made when the timing is just right.