

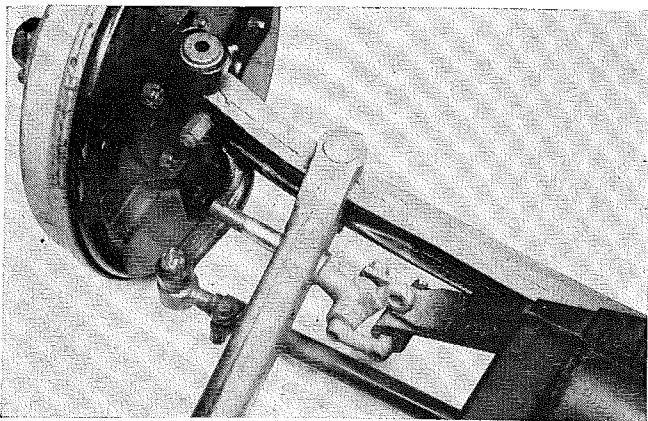
HOW TO BUILD A HOT ROD

“(continued)”

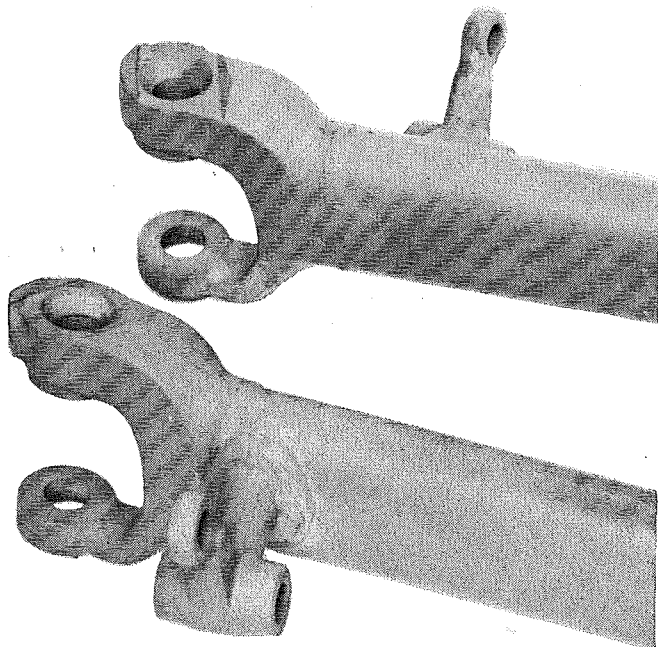
axle it will be necessary to relocate the spring hangers. To locate the correct position for the new spring hangers it is necessary to obtain the correct angle at which the radius rods mate with the axle. Bolt the new Model “A” front spring to the front frame crossmember spring perch. Be sure the spring is parallel to the front frame cross-member. This can be insured by measuring the distance from the cross-member to each end of the spring.

Attach the radius rod hanger brackets to the radius rod end fittings. Place the front end assembly under the frame in its approximate location. Secure the tie rod fittings and brackets under the side of the frame rails. Align the front end assembly so the center of the spring is two inches behind the axle. Clamp the radius rod hanger brackets to the underside of the frame to insure alignment; be sure axle, spring, and front cross-member are parallel.

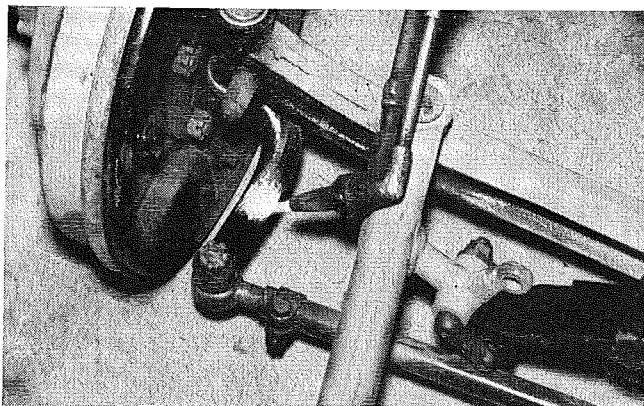
Measure as closely as possible the angle the radius rods make with the axle; approximately 83°. This is the angle that must be kept when drilling the holes for the new



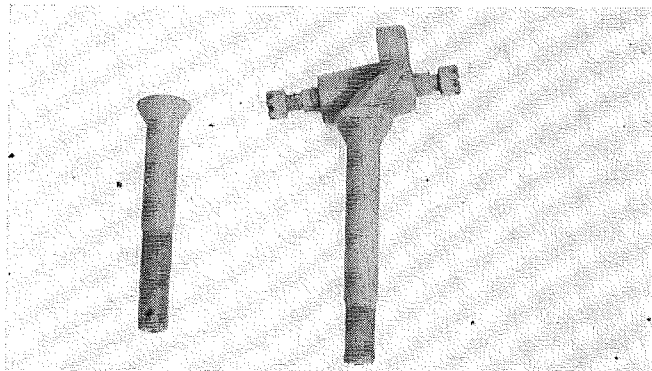
The front end is assembled and the new spring hanger is aligned. When aligned, the spring hanger bolts are welded on the inside flange. The radius rods are again removed from frame.



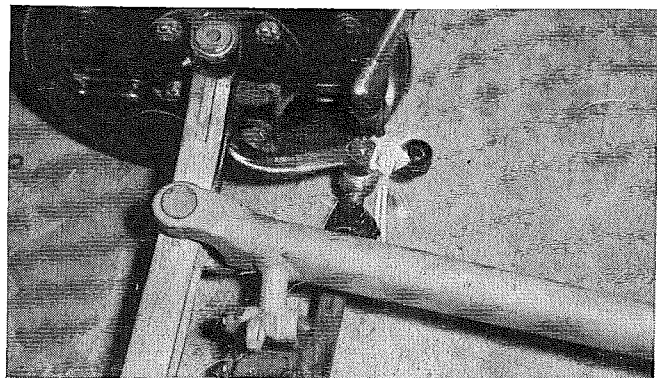
The excess threaded length of the spring hanger bolts is cut off and welded and radius rods are finish welded. For maximum strength the thick portion of radius rods must be kept on top.



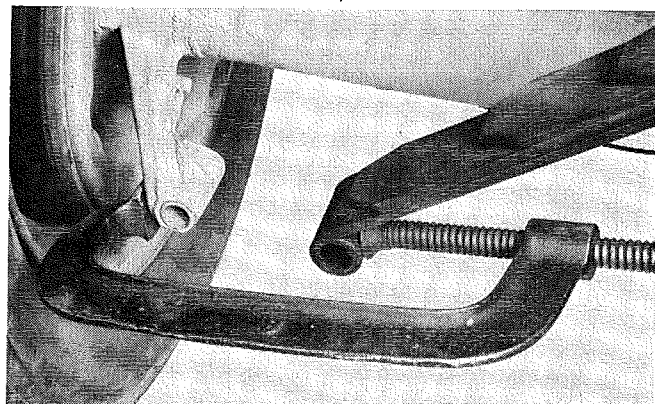
If interference is present between the spring and tie rod when the spring is extended, the arms on the spindle must be lowered. Apply heat and force down. Measure distance from floor to the arm and bend the opposite arm down to same distance.



Stock stabilizer hanger or spring perch bolt (right), whichever is used, can be altered by removing the excess mounting hardware. A hacksaw or torch in the right place gives an uncluttered look to the spring perch bolt (left). Finish smooth.



By changing from the later type of steering, the extra hole in the right spindle steering arm is not required. Again, a cutting torch or hacksaw will enhance the finish appearance.



A firm grip on the spring hanger and spring eye with the clamp is necessary to spread the high arched Model A rear spring in place. Be sure of your grip, this spring packs quite a wallop.