

## BALANCE BAR SET-UP

### BRC 310-9070 Balance Bar Setup

1. REMOVE THE STANDARD JAM NUTS THAT COME ON THE MASTER CYLINDER RODS. SCREW THE LONG SLIDER BUSHINGS ONTO YOUR MASTER CYLINDERS PUSH RODS. THE FLATS FOR THE WRENCH NEED TO BE AT THE FARTHEST END AWAY FROM THE MASTER CYLINDER BODY. THE TOP MASTER IS FOR YOUR FRONT BRAKES, THE BOTTOM ONE IS FOR YOUR REAR BRAKES. SCREW THE TOP ONE ON SO THAT THERE IS  $\frac{1}{2}$ " TO  $\frac{5}{8}$ " OF THE MASTER CYLINDER PUSH ROD THREADS SHOWING. SCREW THE BOTTOM ONE ON SO THAT THERE IS  $\frac{5}{16}$ " -  $\frac{3}{8}$ " OF THE MASTER CYLINDER PUSH ROD THREADS SHOWING.



2. SLIDE BOTH MASTER CYLINDERS INTO PLACE AND TIGHTEN THE MOUNTING NUTS. BE SURE TO RECHECK THEM ONCE THE UNIT IS MOUNTED IN THE CAR. **IF AT THIS POINT THE MASTERS RODS DO NOT MOVE IN AND OUT FREELY. LOOSEN NUTS, RE POSITION AND TRY AGAIN. RE TIGHTEN. SOME MASTERS MIGHT NOT BE 100% PERPENDICULAR BETWEEN THE FACE AND THE BORE. IF THEY ARE NOT, IT CAN CAUSE A BIND. YOU WILL HAVE TO FILE OUT THE BRONZE BUSHING TO MAKE THEM SLIDE EASILY. DO NOT BE ALARMED IF YOU HAVE TO DO THIS, BUT DO NOT CONTINUE IF IT SEEMS IMPOSSIBLE FOR THESE TO MOVE FREELY IN AND OUT. CALL BICKNELL RACING FOR HELP.**

3. TAKE THE PIVOT BLOCK ASSEMBLY WITH THE BRAKE ROD CLEVIS POINTING FORWARDS AND THE ADJUSTER KNOB POINTING UP AND WIND THE TOP ROD END ONTO THE MASTER CYLINDER ROD. BE SURE THAT THE ROD AND THE BUSHING ARE NOT TURNING. YOU NEED TO MAINTAIN THAT  $\frac{1}{2}$  TO  $\frac{5}{8}$  OF THREAD TO SCREW INTO THE ROD END. **FAILURE TO DO SO CAN RESULT IN BRAKE FAILURE.** ONCE YOU HAVE WOUND THE HEIM UP TO THE LONG SLIDER BUSHING, TAKE TWO  $\frac{7}{16}$  WRENCHES AND LOCK THEM TOGETHER BY TURNING THEM OPPOSITE DIRECTIONS.

