



Incorporated  
762 Bonham Avenue / Columbus, Ohio 43211

### JEG'S MOTOR PLATE KIT

# 40101 small block Chev kit

# 40103 big block Chev kit

The Jegster plate may be trimmed to fit many different applications. The plates or tabs that the mid plate bolts to are usually positioned behind the plate. Use a minimum of one  $7/16$  bolt, per side, to attach the plate to the frame mount.

### ENGINE POSITIONING IN A CUSTOM BUILT OR MODIFIED CHASSIS

Automotive universal joints work best when operating at zero angle. It would seem then that the engine - trans centerline should be aimed straight at pinion. However, most drag race rear suspensions are arranged so that the rear end moves downward away from the car body when the car accelerates. Because of this we suggest that the engine be mounted so that the crank centerline projected will be slightly lower than the pinion centerline when the car is not moving. Also many cars are built with the pinion off center to the passenger side. In this case the engine should also be off center the same amount.

Front to rear engine placement is often a matter of practical consideration with windshield clearance and pedal clearance being deciding factors. Weight distribution should also be considered. Moving an eight hundred pound engine - trans combination five inches rearward will add forty pounds to the rear tire loading and subtract the same amount from the front if the wheelbase is one hundred inches.

