

6033

INSTRUCTIONS FOR 289/302/351W FORD MOTOR PLATE

<u>ITEM</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	1425	289/302/351W Ford Motor Plate
2	6	2305	Chassis tab 3/8
3	6	3217	Aircraft washer 3/8
4	6	3209	Locknut 3/8-24
5	6	3105	Bolt 3/8-24 x 1

Note: This plate fits most 289/302/351 Windsor Ford small block engines. For best water flow, the holes in the motor plate must match the shape and size of the holes in the water pump. HOLES MUST BE DRILLED IF NEEDED. (Use a gasket and cover to help match the size needed.)

1. Mount the motor plate to the engine and check the fit.
2. Use a die grinder to match the water pump holes to the water pump.
3. Drill any of the water pump mounting holes that are not drilled. Many of the different engine models have different bolt patterns. Trim the bottom of the plate if needed for clearance.
4. The chassis tabs supplied can be used on the rectangular frame rails by sawing the center off even with the ears.
5. When using these plates with a tube chassis, it is recommended that the front of the engine have a 10 to 11 inch crank centerline (distance from the ground to the center of the crank hub at ride height). The engine should be positioned so a line straight through the crank shaft points straight into the pinion of the rear end (this will position the engine so the backside runs uphill approximately 2 degrees).
6. The front of the engine should be approximately even with the front axle centerline. Two inches either way will not affect the chassis.
7. Three tabs and bolts should be used on each side of the engine plate. The easiest way to attach the tabs to the chassis is to weld a tube up from the frame rail to the forward strut tube that runs above the frame. Attach the three tabs to the side of this tube.

Revision Date: May 13, 2003

