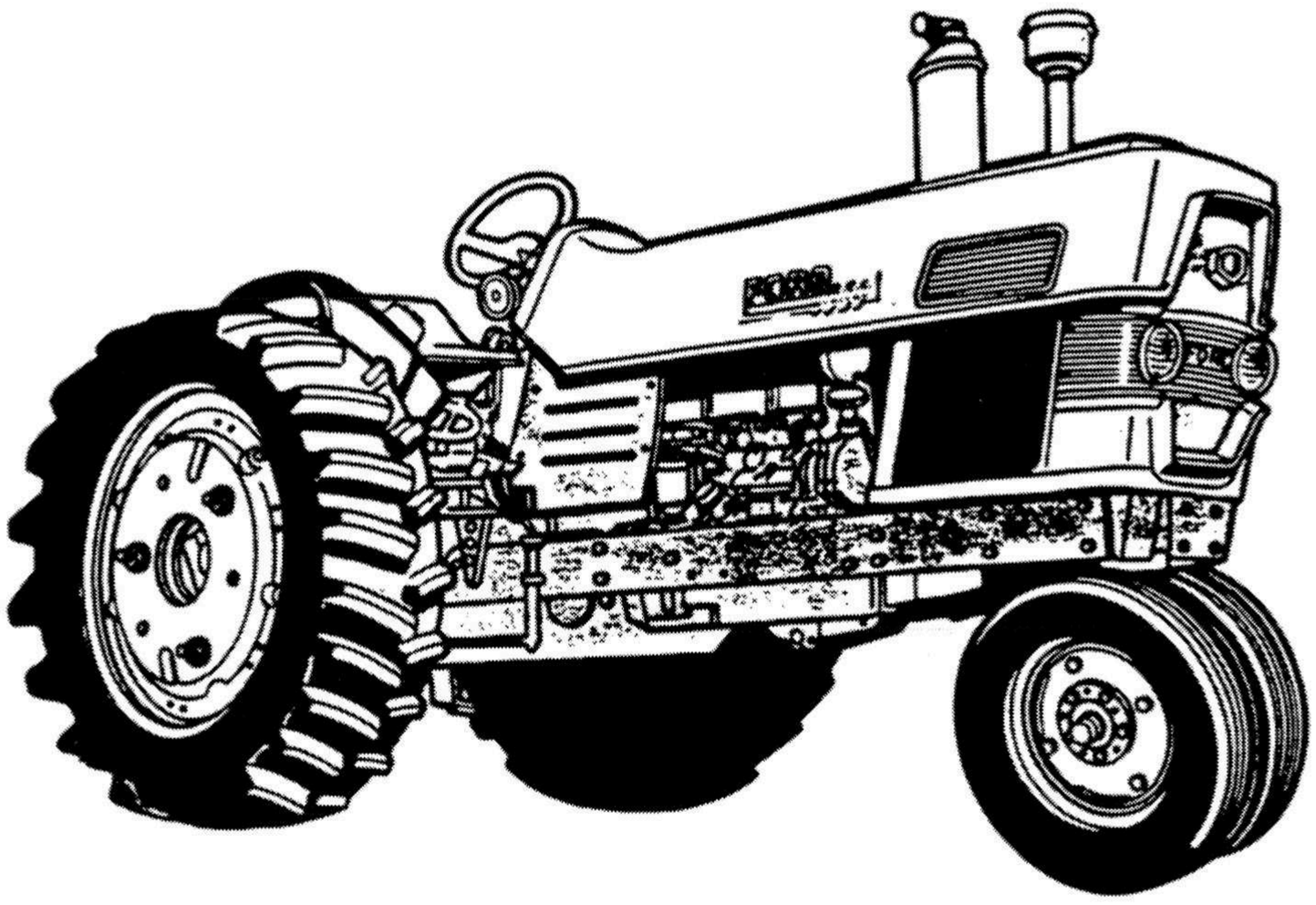
FORD

Service Manual

Tractor
6000



40600010

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Part ONE

POWER PLANT

Chapter 1

ENGINE

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1. ENGINE REMOVAL AND INSTALLATION

The engine used in the 6000 Series Ford Tractors, both gasoline and diesel, are of the six cylinder, four cycle, overhead valve type. The diesel engine has a 3.62 inch cylinder bore and a 3.90 inch stroke, giving a 242 cubic inch piston displacement. The gasoline engine has a 3.62 inch bore, 3.60 inch stroke, giving a 223 cubic inch piston displacement.

A. Engine Removal

1. Deactivate the hydraulic system (with the tractor engine "off") by depressing and releasing the brake pedals and by raising and lowering the hydraulic lift arms until the oil pressure is completely relieved.

2. Remove the air pre-cleaner and air inlet stack, which is a slip fit into the air cleaner inlet.

3. Remove the two screws which secure the muffler cover to the muffler and remove the cover. Loosen the muffler clamp nuts and lift the muffler off the exhaust pipe.

4. Remove the radiator and fuel tank caps.

5. Remove the front air inlet screens and upper screens and the rear side panels.

6. Remove the three Phillips head screws at the rear of the center hood section, the two bolts that secure the front hood support to the hood support rails, and the two slotted head screws that secure the hood to the front side panels. Remove the center hood section by lifting it out of position.

7. Remove the front side panels.

8. Remove the air intake lower baffle and splash shield and the upper air baffle.

9. Replace the radiator cap, the fuel tank cap, and position the exhaust rain cap on the exhaust pipe.

10. Clean the tractor thoroughly. The components immediately in front, behind, over, and under the radiator should be especially clean.

11. Position the tractor in the work area and again be sure the hydraulic system pressure is relieved as in step 1.

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