

## YOUR KEY TO THE WORLD'S FINEST ENGINES

This chart explains the unique Briggs & Stratton numerical model designation system. It is possible to determine most of the important mechanical features of the engine by merely knowing the model number. Here is how it works:

- A. The first one or two digits indicate the approximate CUBIC INCH DISPLACEMENT.
- B. The first digit after the displacement indicates the BASIC DESIGN SERIES, relating to cylinder construction, ignition, general configuration, etc.
- C. The second digit after the displacement indicates ORIENTATION OF CRANKSHAFT.
- D. The third digit after the displacement indicates TYPE OF BEARINGS, and whether or not the engine is equipped with REDUCTION GEAR or AUXILIARY DRIVE.
- E. The last digit indicates the TYPE OF STARTER.

### BRIGGS & STRATTON MODEL NUMBERING SYSTEM

| <u>A</u>                           | <u>FIRST DIGIT<br/>AFTER DISPLACEMENT</u><br><u>B</u> | <u>SECOND DIGIT<br/>AFTER DISPLACEMENT</u><br><u>C</u>                                                       | <u>THIRD DIGIT<br/>AFTER DISPLACEMENT</u><br><u>D</u>                                                                                                                                                                                                                                                 | <u>FOURTH DIGIT<br/>AFTER DISPLACEMENT</u><br><u>E</u>                                                                              |
|------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <u>CUBIC INCH<br/>DISPLACEMENT</u> | <u>BASIC<br/>DESIGN SERIES</u>                        | <u>CRANKSHAFT<br/>ORIENTATION</u>                                                                            | <u>PTO BEARING,<br/>REDUCTION GEAR,<br/>AUXILIARY DRIVE,<br/>LUBRICATION</u>                                                                                                                                                                                                                          | <u>TYPE OF STARTER</u>                                                                                                              |
| 2-61                               | 0 - 9<br>A - Z                                        | 0 to 4 - Horizontal Shaft<br>5 to 9 - Vertical Shaft<br>A to G - Horizontal Shaft<br>H to Z - Vertical Shaft | 0 - Plain Bearing<br>3 - Ball Bearing<br>4 - Ball Bearing<br>Pressure Lubrication<br>5 - Plain Bearing<br>Gear Reduction<br>(6 to 1) CCW Rotation<br>6 - Ball Bearing<br>Gear Reduction<br>(2 to 1) CCW Rotation<br>7 - Plain Bearing<br>Pressure Lubrication<br>9 - Plain Bearing<br>Auxiliary Drive | 0 - Without Starter<br>2 - Rewind Starter<br>5 - Electric Starter<br>6 - Alternator Only<br>7 - Electric Starter<br>with Alternator |

EXAMPLE - To identify Model 303447:

|               |                 |                  |                                      |                                     |
|---------------|-----------------|------------------|--------------------------------------|-------------------------------------|
| <u>30</u>     | <u>3</u>        | <u>4</u>         | <u>4</u>                             | <u>7</u>                            |
| 30 Cubic Inch | Design Series 3 | Horizontal Shaft | Ball Bearing<br>Pressure Lubrication | Electric Starter<br>with Alternator |

**TYPE 123401**, The type number identifies the engines mechanical parts, color of paint, decals, governed speed, and Original Equipment Manufacturer.

**CODE 01061201**, The code is the manufacturing date and is read as follows:

| <u>YEAR</u> | <u>MONTH</u> | <u>DAY</u> | <u>ASSEMBLY LINE AND MANUFACTURING PLANT</u> |
|-------------|--------------|------------|----------------------------------------------|
| 01          | 06           | 12         | 01                                           |

Column D historical numbers that have been discontinued include: 1- Plain Bearing/DU, 2- Sleeve Bearing Flange Mounting Splash Lube, 8- Plain Bearing Auxiliary Drive (PTO) Perpendicular to Crankshaft

Column E historical numbers that have been discontinued include: 1- Rope Starter, 3- Electrical Starter Only 110 or 230 Volt Gear Drive, 4- Electrical Starter/110 or 230 Volt Gear Drive with Alternator, 7- Electrical Starter Only 12 or 24 Volt Gear Drive, 8- Vertical Pull Starter or Side Pull Starter, 9- Mechanical Starter and A- Electrical Starter 12 or 24 Volt Gear Drive with Alternator & Inverter

