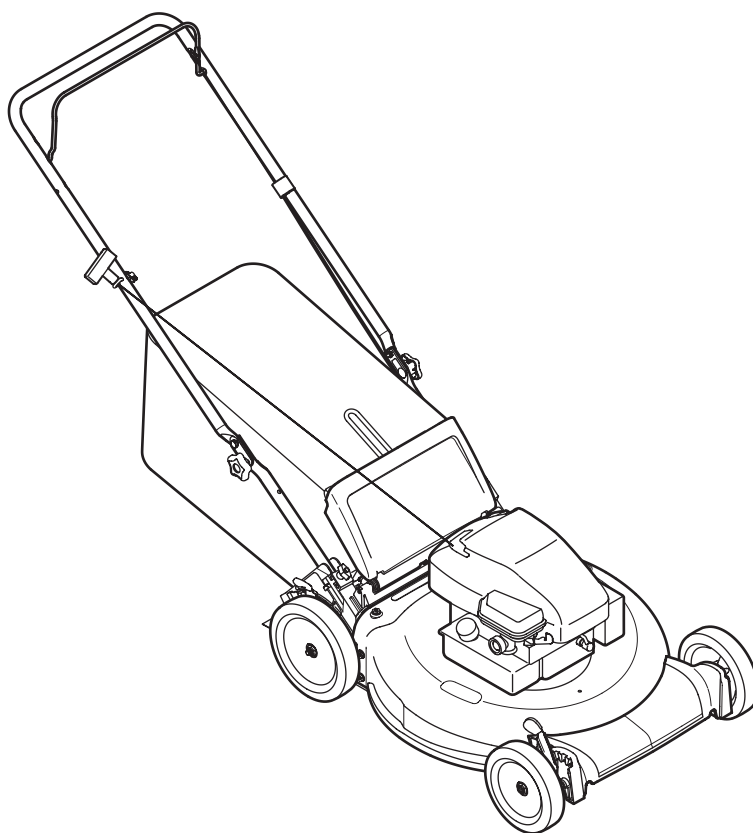


# Operator's Manual

# CRAFTSMAN®

## 21" LAWN MOWER

Model No. 247.38821



**CAUTION:** Before using this product, read this manual and follow all safety rules and operating instructions.

- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE
- PARTS LIST
- ESPAÑOL, p. 33

**Sears Brands Management Corporation, Hoffman Estates, IL 60179, U.S.A.**

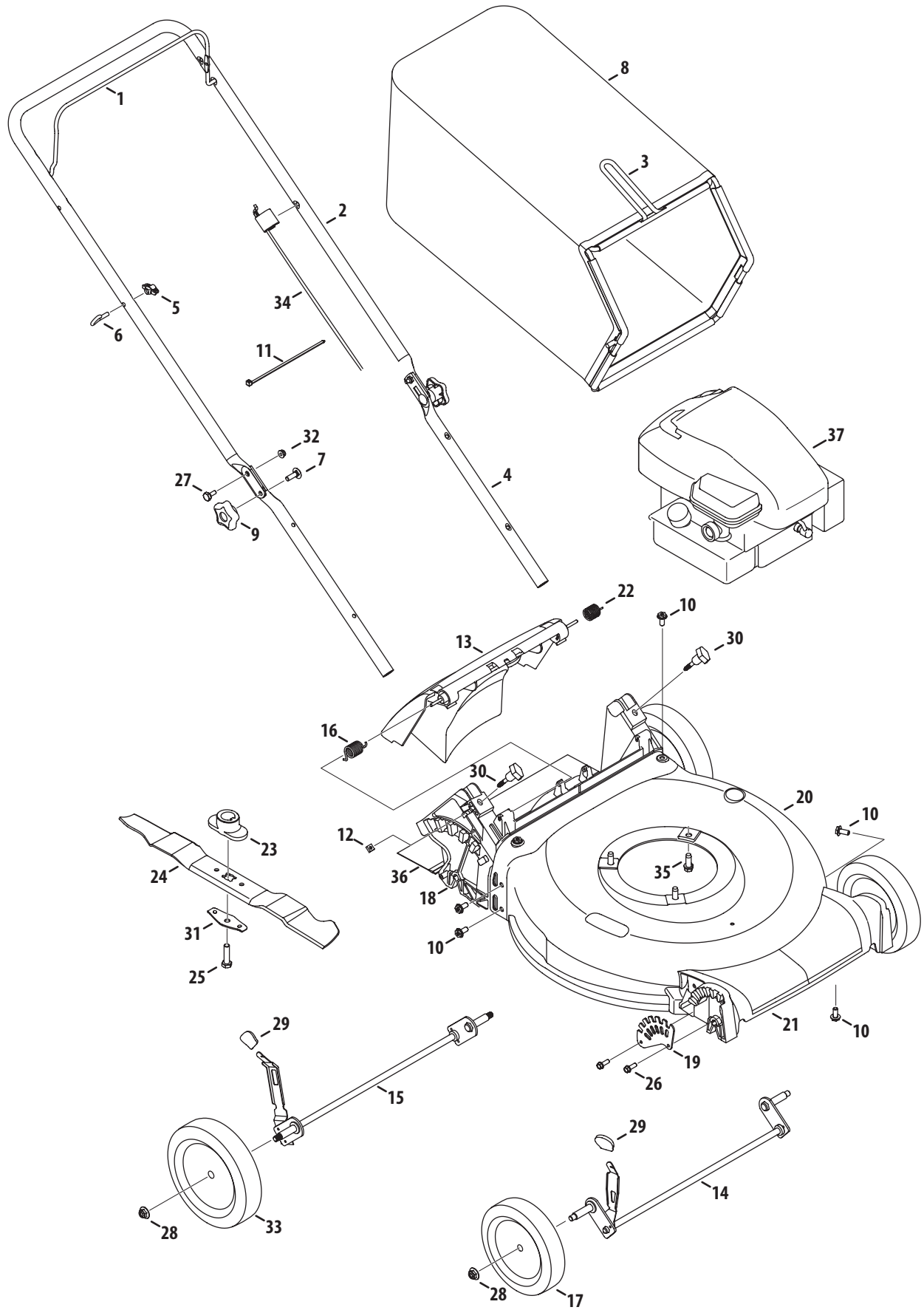
Visit our website: [www.craftsman.com](http://www.craftsman.com)

FORM NO. 769-06471A

12/14/2010

## PARTS LIST

# Craftsman Mower — Model No. 247.38821



# PARTS LIST

## Craftsman Mower — Model No. 247.38821

| Ref. No. | Part No.        | Description                       |
|----------|-----------------|-----------------------------------|
| 1        | 747-05184       | Blade Control                     |
| 2        | 749-04680-0637  | Upper Handle                      |
| 3        | 747-05450       | Grass Catcher Frame-Red           |
|          | 747-05226-0637  | Grass Catcher Frame-Black         |
| 4        | 749-04608A-0637 | Lower Handle                      |
| 5        | 720-0279        | Wing Nut                          |
| 6        | 710-1205        | Rope Guide                        |
| 7        | 710-04998       | Carriage Screw ,5/16-18           |
| 8        | 964-04154       | Grass Bag                         |
| 9        | 720-04072A      | Hand Knob                         |
| 10       | 710-04995       | Screw, 5/16-14 x .750             |
| 11       | 725-0157        | Cable Tie                         |
| 12       | 712-04222       | Nut, Sq., 1/4-20                  |
| 13       | 631-04369       | Rear Discharge Door Assembly      |
| 14       | 911-04143B      | Front Axle Assembly               |
| 15       | 911-04142       | Rear Axle Assembly                |
| 16       | 732-04673       | Torsion Spring - RH               |
| 17       | 734-04562       | Wheel, 7 x 1.8                    |
| 18       | 631-04369       | Rear Baffle                       |
| 19       | 787-01818A-0637 | Front Height Adjuster Plate       |
| 20       | 787-01870-4043  | Deck - 21"                        |
| 21       | 731-07078       | Front Cover                       |
| 22       | 732-04674       | Torsion Spring - LH               |
| 23       | 748-0376E       | Blade Adapter                     |
| 24       | 942-0741A       | Mulching Blade                    |
| 25       | 710-1044        | Screw , 3/8-24 x 1.50             |
| 26       | 710-0895        | Screw, 1/4-15 x .750              |
| 27       | 738-04419A      | Sldr. Screw, .375 x .126 x 1/4-20 |
| 28       | 712-04217       | Flange Lock Nut, 3/8-16           |
| 29       | 720-04130       | Adjustment Lever Knob             |
| 30       | 720-04123       | Wing Nut                          |
| 31       | 736-0524B       | Blade Bell Support                |
| 32       | 712-04064       | Nut, Flange Lock, 1/4-20          |
| 33       | 734-04563       | Wheel, 8 x 1.8                    |
| 34       | 946-0957        | Control Cable                     |
| 35       | 710-0654A       | TT Sems Screw, 3/8-16 x 1.0       |
| 36       | 731-07203       | Trail shield                      |
| 37       | 10T802-3780-B1  | Engine                            |

# PARTS LIST

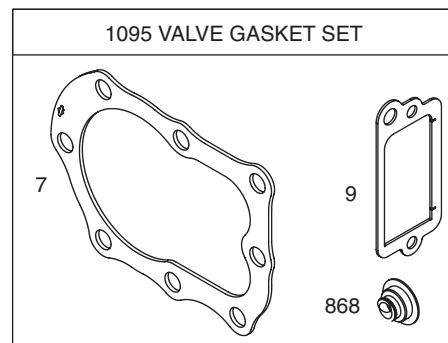
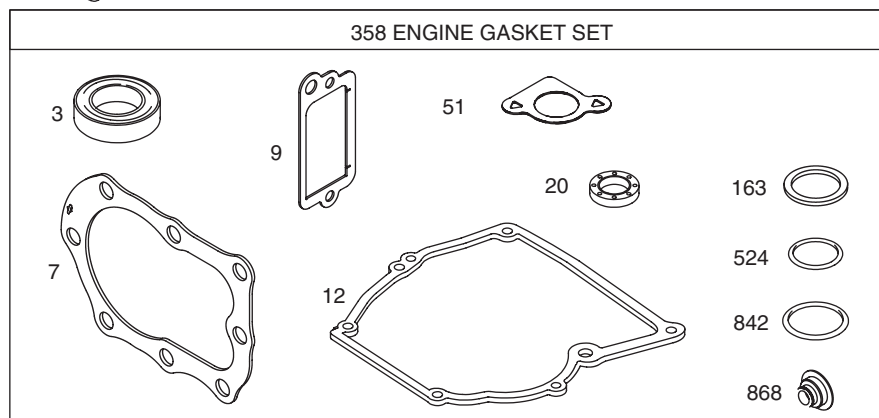
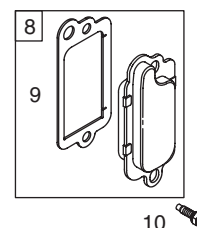
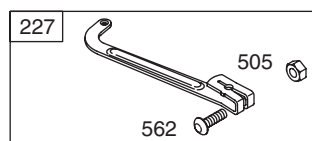
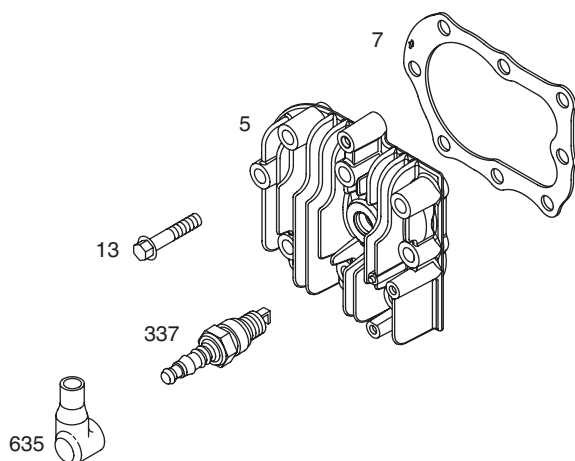
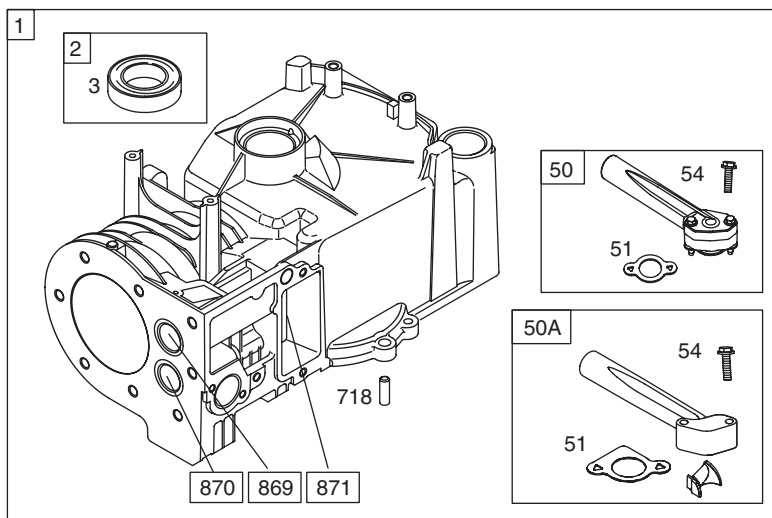
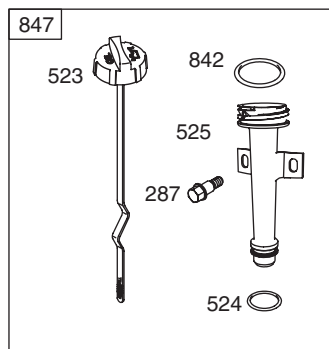
Craftsman Engine Model No. 10T802-3780-B1 For Craftsman Mower Model No. 247.38821

48 SHORT BLOCK

1058 OPERATOR'S MANUAL

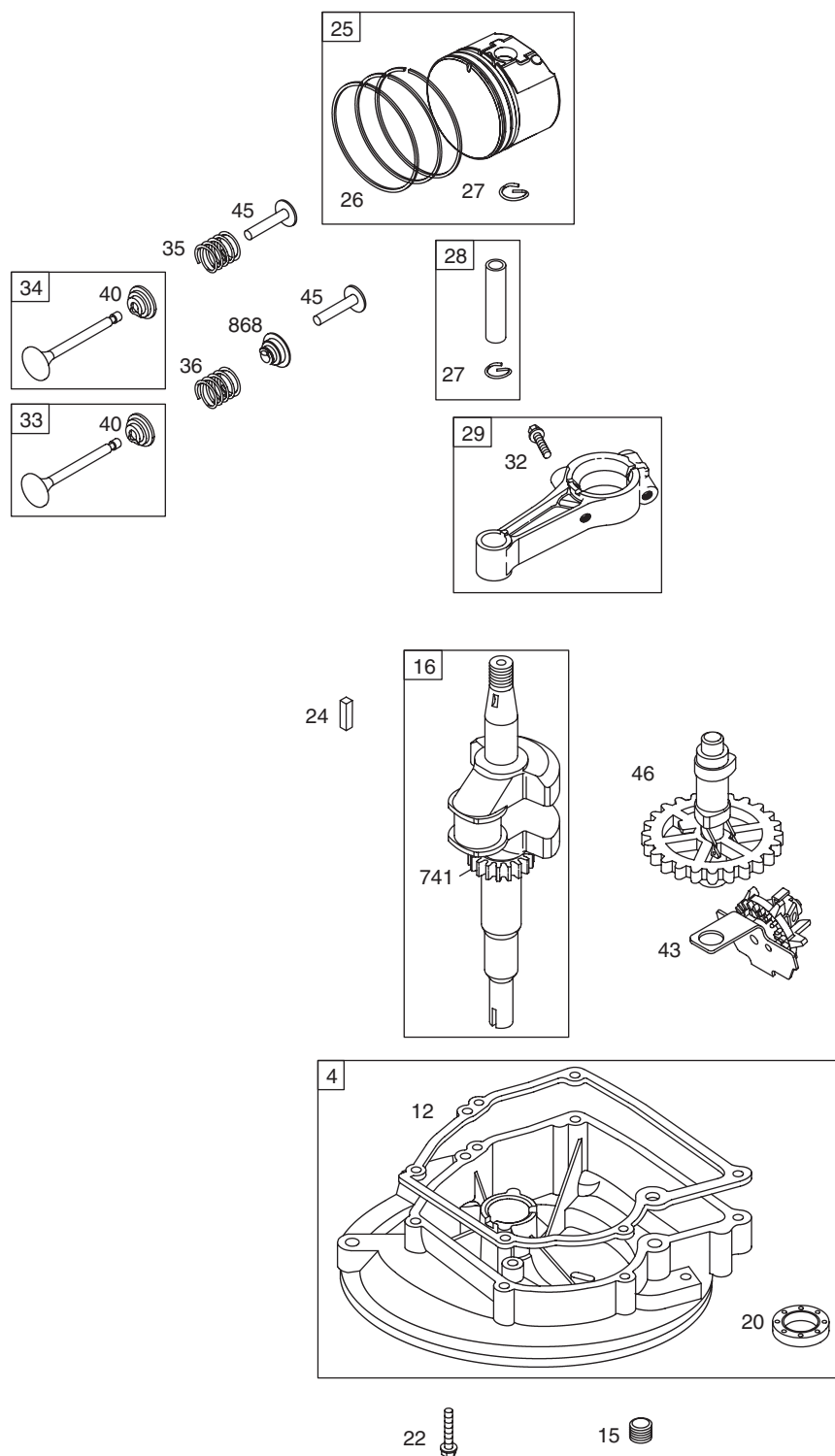
1329 REPLACEMENT ENGINE

1330 REPAIR MANUAL



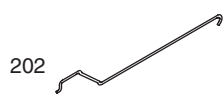
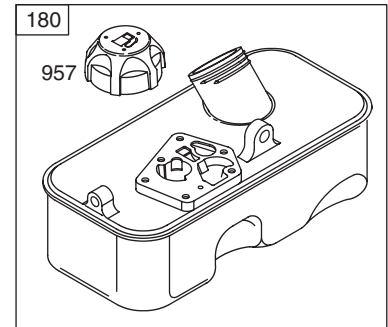
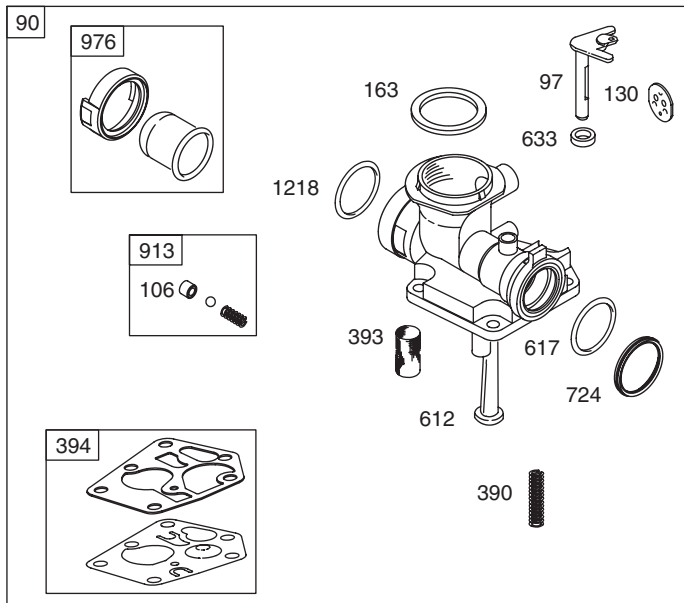
# PARTS LIST

Craftsman Engine Model No. 10T802-3780-B1 For Craftsman Mower Model No. 247.38821

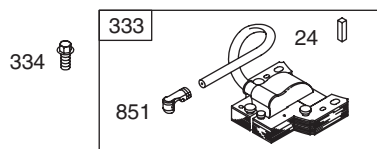
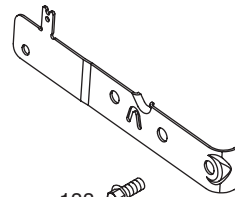


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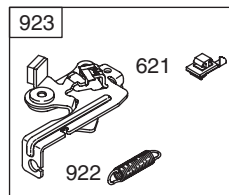
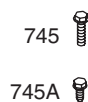
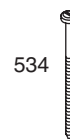
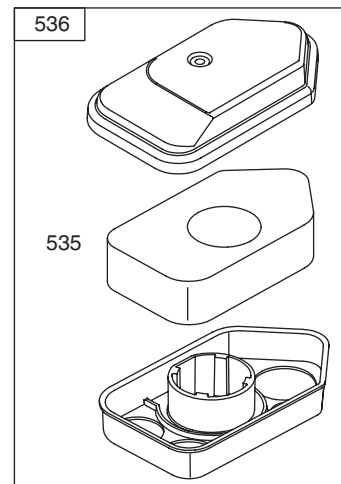
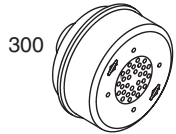
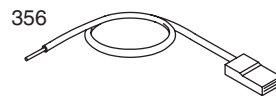
Craftsman Engine Model No. 10T802-3780-B1 For Craftsman Mower Model No. 247.38821



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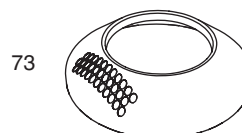
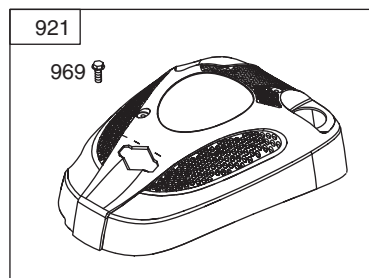


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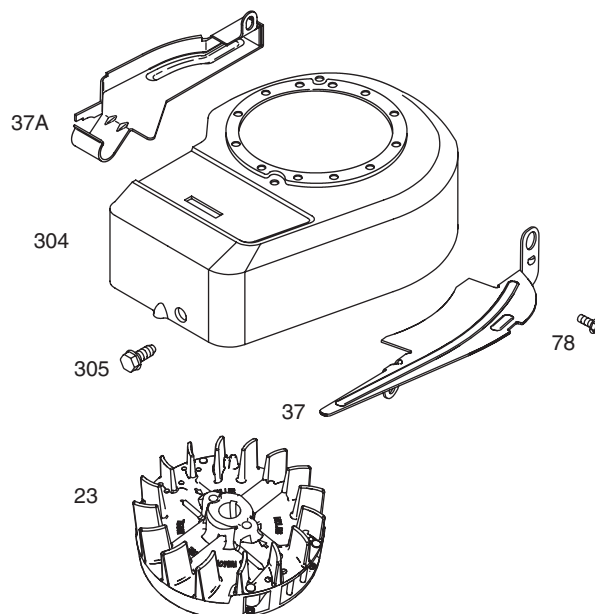
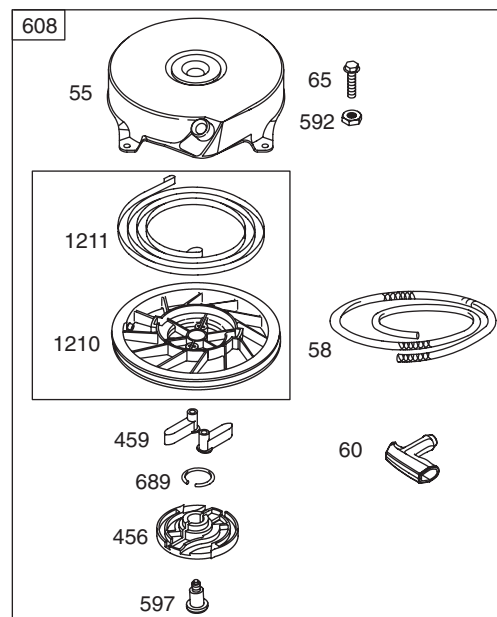


# PARTS LIST

Craftsman Engine Model No. 10T802-3780-B1 For Craftsman Mower Model No. 247.38821



1036 EMISSIONS LABEL



# PARTS LIST

## Craftsman Engine Model No. 10T802-3780-B1 For Craftsman Mower Model No. 247.38821

| Ref. No. | Part No. |                                  |
|----------|----------|----------------------------------|
| 1        | 699650   | Cylinder Assembly                |
| 2        | 399269   | Kit-Bushing/Seal (Magneto Side)  |
| 3        | 299819s  | Seal-Oil (Magneto Side)          |
| 4        | 798264   | Sump-Engine                      |
| 5        | 790169   | Head-Cylinder                    |
| 7        | 698747   | Gasket-Cylinder Head             |
| 8        | 791781   | Breather Assembly                |
| 9        | 695890   | Gasket-Breather                  |
| 10       | 691666   | Screw (Breather Assembly         |
| 11       | 691245   | Tube-Breather                    |
| 12       | 692218   | Gasket-Crankcase                 |
| 13       | 691640   | Screw (Cylinder Head)            |
| 15       | 691680   | Plug-Oil Drain                   |
| 16       | 796217   | Crankshaft                       |
| 20       | 391483s  | Seal-Oil (PTO Side)              |
| 22       | 692551   | Screw (Crankcase Cover/Sump)     |
| 23       | 795549   | Flywheel                         |
| 24       | 222698s  | Key-Flywheel                     |
| 25       | 795691   | Piston Assembly (Standard)       |
|          | 795689   | Piston Assembly (.020" Oversize) |
| 26       | 795690   | Ring Set (Standard)              |
|          | 795688   | Ring Set (.020" Oversize)        |
| 27       | 691588   | Lock-Piston Pin                  |
| 28       | 699659   | Pin-Piston                       |
| 29       | 699654   | Rod-Connecting                   |
| 32       | 691664   | Screw (Connecting Rod)           |
| 33       | 296676   | Valve-Exhaust                    |
| 34       | 296677   | Valve-Intake                     |
| 35       | 690520   | Spring-Valve (Intake)            |
| 36       | 690520   | Spring-Valve (Exhaust)           |
| 37       | 793478   | Guard-Flywheel (Muffler Side)    |
| 37A      | 697403   | Guard-Flywheel (Carburetor Side) |
| 40       | 692194   | Retainer-Valve                   |

| Ref. No. | Part No. |                                  |
|----------|----------|----------------------------------|
| 43       | 697799   | Slinger-Governor/Oil             |
| 45       | 690762   | Tappet-Valve                     |
| 46       | 691998   | Camshaft                         |
| 48       | 793347   | Short Block                      |
| 50       | 699644   | Manifold-Intake                  |
| 50       | 792388A  | Manifold-Intake                  |
| 51       | 792389   | Gasket-Intake                    |
| 54       | 691111   | Screw (Intake Manifold)          |
| 55       | 692144   | Housing-Rewind Starter           |
| 58       | 697316   | Rope-Starter                     |
| 60       | 281434s  | Grip-Starter Rope                |
| 65       | 690837   | Screw (Rewind Starter)           |
| 73       | 699850   | Screen-Rotating                  |
| 78       | 692198   | Screw (Flywheel Guard)           |
| 89       | 692348   | Plug (Cylinder)                  |
| 90       | 798758   | Carburetor                       |
| 97       | 697414   | Shaft-Throttle                   |
| 106      | 690901   | Seat-Inlet                       |
| 130      | 691190   | Valve-Throttle                   |
| 163      | 271139s  | Gasket-Air Cleaner               |
| 180      | 494406   | Tank-Fuel                        |
| 188      | 692198   | Screw (Control Bracket)          |
| 190      | 691640   | Screw (Fuel Tank) (5/16-18x1.79) |
| 190A     | 691108   | Screw (Fuel Tank) (1/4-20x.58)   |
| 202      | 698835   | Link-Mechanical Governor         |
| 209      | 698719   | Spring-Governor (Light Blue)     |
| 222      | 698725   | Bracket-Control                  |
| 227      | 697402   | Lever-Governor Control           |
| 287      | 691002   | Screw (Dipstick Tube)            |
| 300      | 394569s  | Muffler                          |
| 304      | 697411   | Housing-Blower                   |
| 305      | 692198   | Screw (Blower Housing)           |
| 332      | 690662   | Nut (Flywheel)                   |

# PARTS LIST

**Craftsman Engine Model No. 10T802-3780-B1 For Craftsman Mower Model No. 247.38821**

| Ref. No. | Part No. |                                            |
|----------|----------|--------------------------------------------|
| 333      | 799471   | Armature-Magneto                           |
| 334      | 691061   | Screw (Magneto Armature)                   |
| 337      | 802592s  | Plug-Spark                                 |
| 356      | 692390   | Wire-Stop                                  |
| 358      | 794209   | Gasket Set-Engine                          |
| 365      | 790029   | Screw (Carburetor)                         |
| 390      | 691839   | Spring-Choke Diaphragm                     |
| 393      | 691837   | Screen-Carburetor                          |
| 394      | 795478   | Diaphragm-Carburetor                       |
| 404      | 690272   | Washer (Governor Crank)                    |
| 455      | 691236   | Cup-Flywheel                               |
| 456      | 692299   | Plate-Pawl Friction                        |
| 459      | 281505s  | Pawl-Ratchet                               |
| 505      | 691251   | Nut (Governor Control Lever)               |
| 523      | 692040   | Dipstick                                   |
| 524      | 691876   | Seal- Dipstick Tube                        |
| 525      | 691320   | Tube-Dipstick                              |
| 529      | 692189   | Grommet                                    |
| 534      | 691417   | Screw (Air Cleaner)                        |
| 535      | 698369   | Filter-Air Cleaner Foam                    |
| 536      | 698472   | Cleaner-Air                                |
| 562      | 691119   | Bolt (Governor Control Lever)              |
| 592      | 690800   | Nut (Rewind Starter)                       |
| 597      | 691696   | Screw (Pawl Friction Plate)                |
| 608      | 499706   | Starter-Rewind                             |
| 612      | 496046s  | Tube-Pick Up                               |
| 615      | 690340   | Retainer-Governor Shaft                    |
| 616      | 697405   | Crank-Governor                             |
| 617      | 270344s  | Seal-O Ring (Intake Manifold)              |
| 621      | 692310   | Switch-Stop (Brake)                        |
| 633      | 691321   | Seal-Choke/Throttle Shaft (Throttle Shaft) |
| 635      | 66538s   | Boot-Spark Plug                            |
| 670      | 691633   | Spacer-Fuel Tank                           |

| Ref. No. | Part No.  |                                                                        |
|----------|-----------|------------------------------------------------------------------------|
| 689      | 691855    | Spring-Friction                                                        |
| 718      | 690959    | Pin-Locating                                                           |
| 724      | 697478    | Retainer-Seal                                                          |
| 729      | 690586    | Clip-Wire                                                              |
| 741      | 796210    | Gear-Timing                                                            |
| 745      | 691146    | Screw (Brake) (7/8" Long)                                              |
| 745A     | 690859    | Screw (Brake) (1/2" Long)                                              |
| 842      | 691870    | Seal-O Ring (Dipstick Tube)                                            |
| 847      | 691440    | Dipstick/Tube Assembly                                                 |
| 851      | 493880s   | Terminal-Spark Plug                                                    |
| 868      | 697338    | Seal-Valve                                                             |
| 869      | 699641    | Seat-Valve (Intake)                                                    |
| 870      | 699642    | Seat-Valve (Exhaust)                                                   |
| 871      | 699643    | Bushing-Valve Guide (Exhaust Valve)                                    |
|          | 63709     | Bushing-Valve Guide (Intake Valve)                                     |
| 913      | 494409    | Seat-Check Valve                                                       |
| 921      | 795397    | Cover-Blower Housing                                                   |
| 922      | 692135    | Spring-Brake                                                           |
| 923      | 691487    | Brake                                                                  |
| 957      | 497929s   | Cap-Fuel                                                               |
| 969      | 799014    | Screw (Blower Housing Cover)                                           |
| 976      | 694394    | Primer-Carburetor                                                      |
| 1036     |           | Label-Emissions (Available from a Briggs & Stratton Authorized Dealer) |
| 1058     | 277038TRI | Operator's Manual                                                      |
| 1095     | 498526    | Gasket Set-Valve                                                       |
| 1210     | 499901    | Pulley/Spring Assembly (Pulley)                                        |
| 1211     | 499901    | Pulley/Spring Assembly (Spring)                                        |
| 1218     | 695866    | Seal-O Ring (Carburetor)                                               |
| 1329     | 10T802-   | Replacement Engine                                                     |
|          | 3780-B1   |                                                                        |
| 1330     | 270962    | Repair Manual                                                          |

Engine Gasket Set  
Valve Gasket Set

Key No. 358  
Key No. 1095