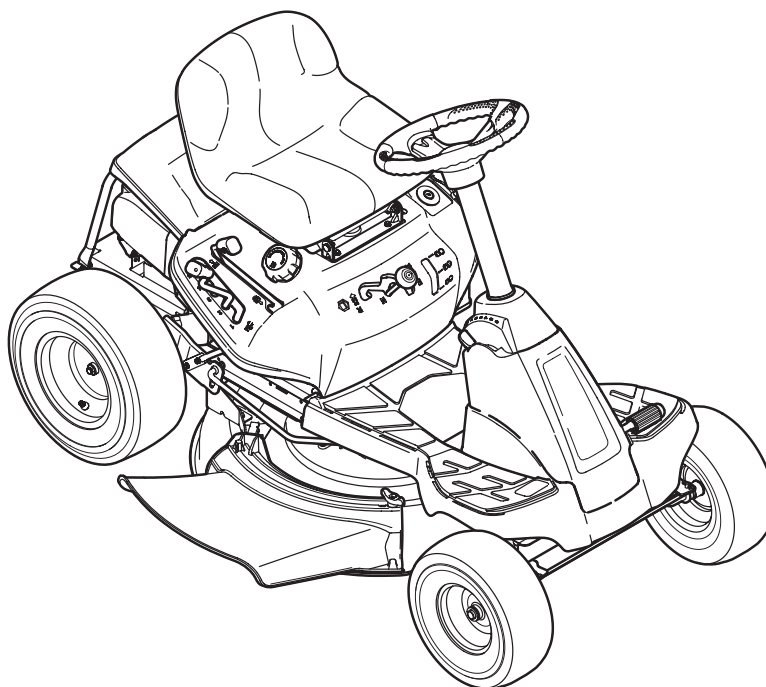




# ILLUSTRATED PARTS MANUAL



## Model Series 26J Mini Rider

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TROY-BILT LLC, P.O. BOX 361131 CLEVELAND, OHIO 44136-0019

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# To The Owner

## Thank You

Thank you for purchasing this lawn tractor. It was carefully engineered to provide excellent performance when properly operated and maintained.

All information in this manual is relative to the most recent product information available at the time of printing. Please be aware that this Illustrated Part's Manual may cover a range of product specifications for various models.

Components listed and/or illustrated in this manual may not be applicable to all models. We reserve the right to change product specifications, designs and equipment without notice and without incurring obligation.

Throughout this manual, all references to *right* (RH) and *left* (LH) are observed from the operating position.

## Table of Contents

|                                                        |                    |                                                         |                    |
|--------------------------------------------------------|--------------------|---------------------------------------------------------|--------------------|
| <a href="#">Frame &amp; Fender .....</a>               | <a href="#">4</a>  | <a href="#">Engine Accessories MTD P90 .....</a>        | <a href="#">14</a> |
| <a href="#">Drive System .....</a>                     | <a href="#">6</a>  | <a href="#">Engine Accessories B&amp;S Mod 21 .....</a> | <a href="#">15</a> |
| <a href="#">Seat, Fuel Tank &amp; Electrical .....</a> | <a href="#">8</a>  | <a href="#">30" Deck .....</a>                          | <a href="#">16</a> |
| <a href="#">Front End Steering .....</a>               | <a href="#">10</a> | <a href="#">Wiring Harness Schematic .....</a>          | <a href="#">18</a> |
| <a href="#">Pedal Controls .....</a>                   | <a href="#">12</a> | <a href="#">Engine Model 4P90JUA .....</a>              | <a href="#">20</a> |
| <a href="#">Deck Lift .....</a>                        | <a href="#">13</a> | <a href="#">Engine Model 4P90JUB .....</a>              | <a href="#">34</a> |

## Record Product Information

To ease in ordering replacement parts, please locate the model plate on the equipment and record the information in the provided area to the right. You can locate the model plate by looking beneath the seat.

### MODEL NUMBER

|  |  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|--|
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### SERIAL NUMBER

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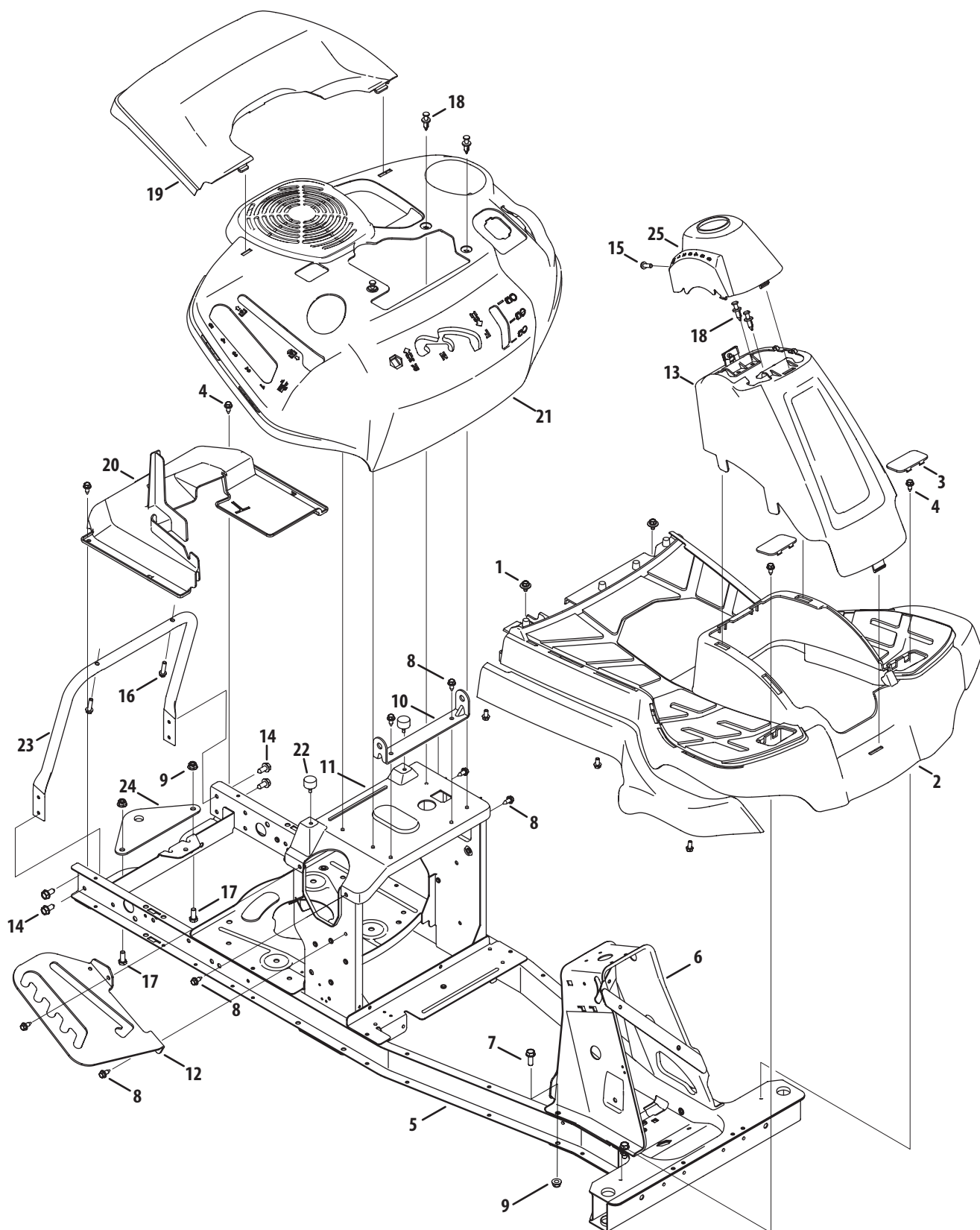
## Painted Parts

When ordering painted service parts, a four digit color suffix must be added to the part number (e.g. 783-XXXX-0637). Please refer to the table below for current color codes:

|      |                                             |       |                              |
|------|---------------------------------------------|-------|------------------------------|
| 0637 | Black                                       | 0674  | Yellow (Yard-Man)            |
| 0709 | Dark Green (Bolens, Yard-Man)               | 0650  | Metallic Red (White Outdoor) |
| 0662 | Oyster Gray (MTD Gold)                      | 0629  | Silver Flake (MTD Platinum)  |
| 0638 | Red (Yard Machines, Huskee, Troy-Bilt, MTD) | 04038 | Day Orange (Daedong)         |
| 0691 | Black Jack (MTD Gold, MasterCut)            | 04033 | Flint Mica (Troy-Bilt XP)    |

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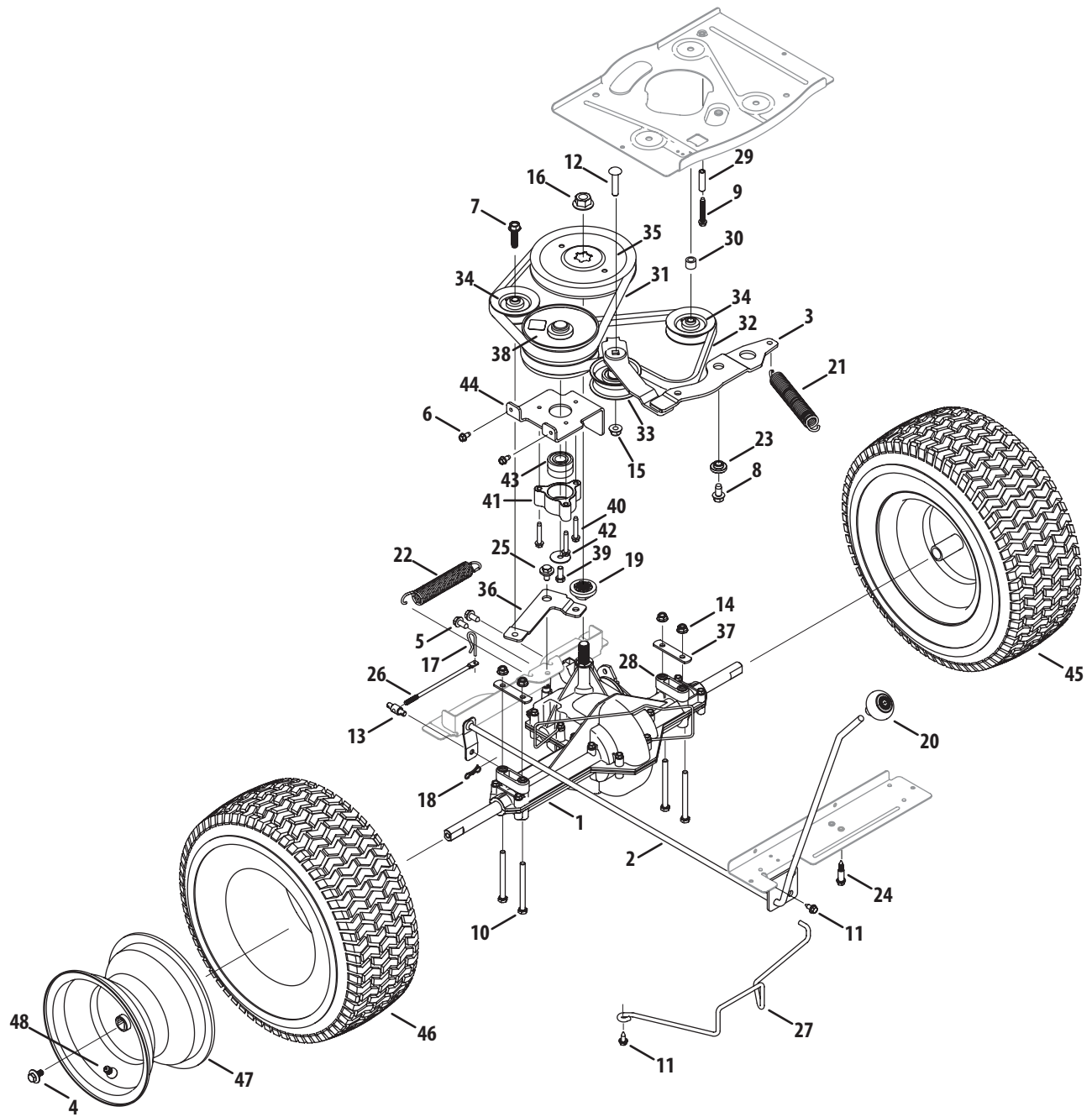
## Frame & Fender



| Ref. No. | Part No.   | Description                        |
|----------|------------|------------------------------------|
| 1        | 710-05073  | Screw, 1/4-20 x .500               |
| 2        | 931-09591  | Running Board, RMC                 |
| 3        | 731-08753A | Running Board Plug                 |
| 4        | 738-04184A | Shoulder Screw, .368 X.113: 1/4-20 |
| 5        | 683-05015  | Frame Assembly                     |
| 6        | 683-05019  | Column Assembly                    |
| 7        | 710-06194  | Hex Washer Screw, 5/16-18 x .75    |
| 8        | 710-1652   | Tap Screw, 1/4-20, .625            |
| 9        | 912-0429   | Hex Locknut, 5/16-18               |
| 10       | 783-07168  | Seat Pivot Bracket                 |
| 11       | 783-08197  | Seat Pan                           |
| 12       | 783-08260  | Deck Lift Index Bracket            |
| 13       | 631-05038  | Column Cover                       |
| 14       | 710-04484  | Tap Screw, 5/16-18, .750           |
| 15       | 710-0924   | Machine Screw, 1/4-20, 0.750       |
| 16       | 710-1241   | Hex Screw, 1/4-15, 1.000           |
| 17       | 710-3008   | Hex Head Screw, 5/16-18, .75       |
| 18       | 728-0199   | Rivet, .3125                       |
| 19       | 731-08620A | Rear Cover                         |
| 20       | 731-09185  | Top Rear Drive Cover               |
| 21       | 931-09465  | Fender (MTD Eng.)                  |
|          | 931-08708A | Fender, (B&S Eng.)                 |
| 22       | 735-05006  | Bumper, .62 Dia. x .50             |
| 23       | 749-04932  | Rear Cover Support Tube            |
| 24       | 783-07208  | Hitch Plate                        |
| 25       | 731-09382  | Steering Column Cap                |

**NOTE,** Tractor features vary by model. NOT all parts listed above and pictured on the previous page are standard equipment.

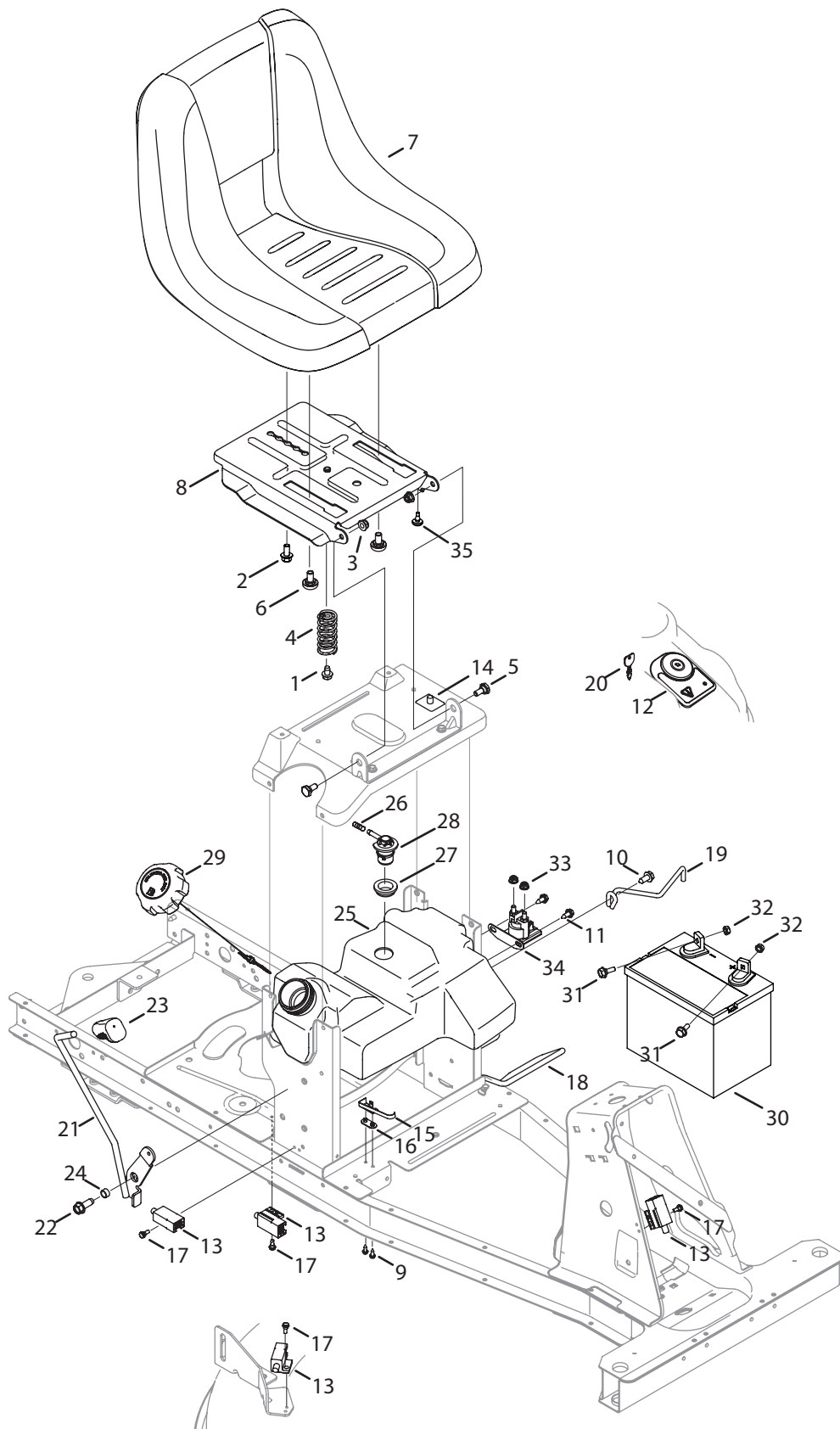
# Drive System



| Ref. No. | Part No.   | Description                           | Ref. No. | Part No.   | Description                          |
|----------|------------|---------------------------------------|----------|------------|--------------------------------------|
| 1        | 918-05056A | Transmission Assembly                 | 25       | 738-05019  | Shoulder Screw, .560 x .165, 5/16-18 |
| 2        | 647-04262C | Shift Handle Assembly                 | 26       | 747-05593  | Shift Rod                            |
| 3        | 683-04768A | Drive Assembly Idler                  | 27       | 747-06126  | Deck Belt Keeper, 30"                |
| 4        | 710-05339  | Screw, 5/16-24 x .750                 | 28       | 948-0334   | Spacer                               |
| 5        | 710-04484  | Tap Screw, 5/16-18, .750              | 29       | 750-04456  | Spacer, .260 X .372 X 1.420          |
| 6        | 710-0599   | Tap Scw, 1/4-20, 0.500                | 30       | 750-05563  | Spacer, .385 x .625 x .500           |
| 7        | 710-06016  | Screw, 3/8-16 x 1.375                 | 31       | 954-05040  | V-Belt, 5L:35.25                     |
| 8        | 710-0623   | Tap Screw, 3/8-16, 0.750              | 32       | 954-04331  | V-Belt, 5L:35.28                     |
| 9        | 710-1026   | Screw, 1/4-20 x 1.750                 | 33       | 756-04224  | Flat Idler Pulley, 2.75 OD           |
| 10       | 710-1266   | Hex Cap Screw, 5/16-18 x 3.5, Gr5     | 34       | 756-04325  | V-Type Idler Pulley, 3.06            |
| 11       | 710-1652   | Tap Screw, 1/4-20 x .625              | 35       | 756-04464  | V-Type Pulley, 6.56                  |
| 12       | 710-0560   | Screw, Carriage: 3/8-16 x 1.75"       | 36       | 783-07248  | Rear Idler Arm Bracket               |
| 13       | 711-06141  | Adjustable Ferrule, 1/4-20 X 1.00     | 37       | 783-08131  | Transaxle Mounting Bracket           |
| 14       | 712-04063  | Flange Locknut, 5/16-18               | 38       | 956-04015A | Variable Speed Pulley Assembly       |
| 15       | 712-04065  | Flange Lock Nut, 3/8-16               | 39       | 710-0627   | Hex Head Lock Screw, 5/16-24:.750    |
| 16       | 712-0700   | Flange Nut, 9/16-18                   | 40       | 710-0778   | Tap Screw, 1/4-20:1.500              |
| 17       | 914-0209   | Internal Cotter Pin, .125 Dia.        | 41       | 718-04261  | Bearing Cup                          |
| 18       | 714-04040  | Bow-Tie Cotter Pin                    | 42       | 736-0362   | Flat Washer, .330x1.250x.060         |
| 19       | 718-04407  | Pulley Hub, 5/8 Spline                | 43       | 941-0600   | Ball Bearing, 17 X 40 X 12           |
| 20       | 720-04028  | Shift Knob                            | 44       | 783-08210  | Variable Bracket                     |
| 21       | 732-0459C  | Extension Spring, .94 Dia. X 6.74 Lg. | 45       | 634-0139   | Complete Wheel Assembly              |
| 22       | 732-04934  | Extension Spring, .97 OD X 6.18       | 46       | 734-04641  | Tire, 16 x 6.5 x 8 Sq. Shldr.        |
| 23       | 738-0372B  | Shoulder Spacer, 1.00 X .38 X .38     | 47       | 934-04319  | Rim Assembly, 8.0 x 5.38             |
| 24       | 738-05016  | Shoulder Screw, .368 x .75, 1/4-20    | 48       | 934-0255   | Air Valve                            |

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## Seat, Fuel Tank & Electrical

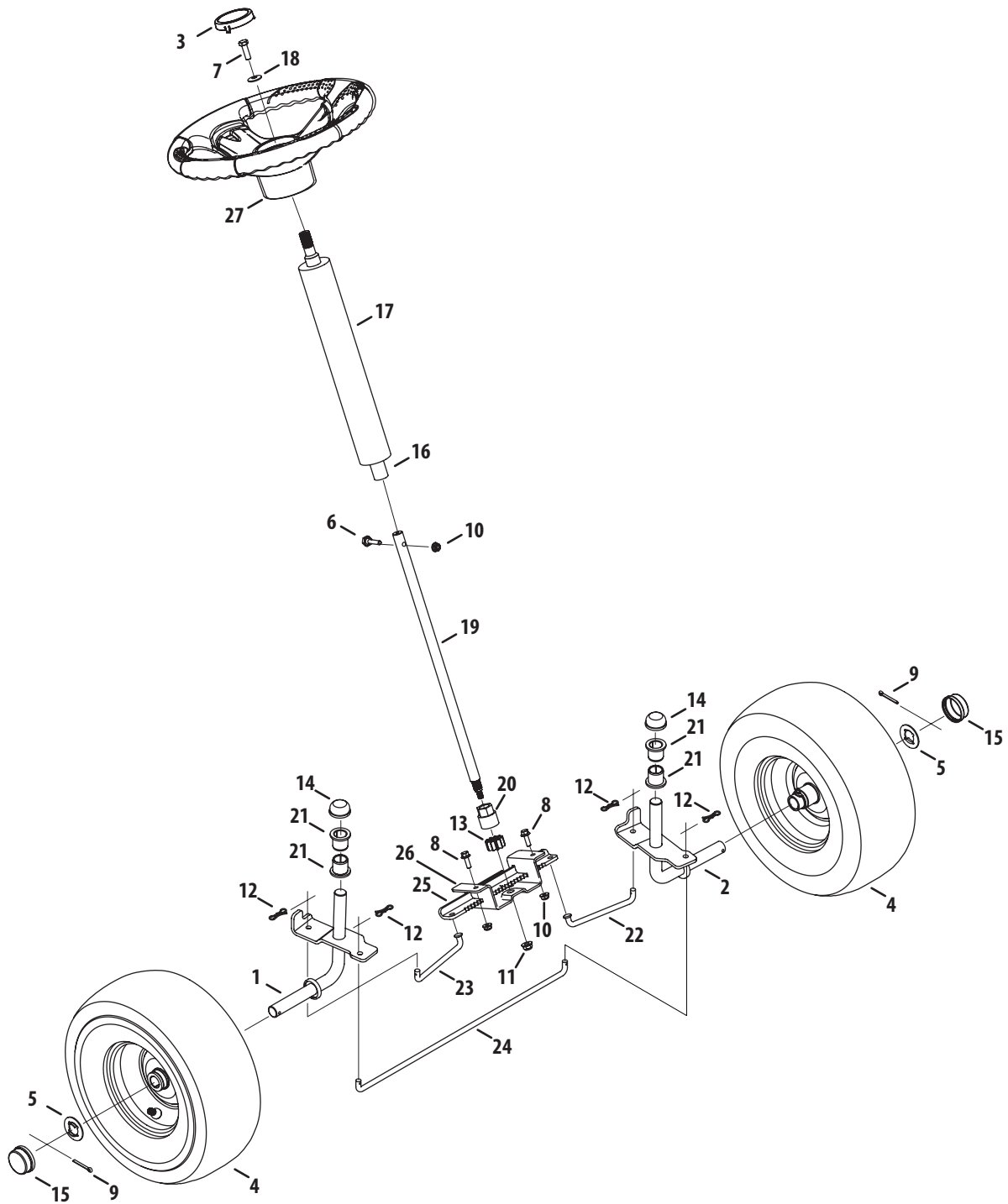




| Ref. No. | Part No.     | Description                          |
|----------|--------------|--------------------------------------|
| 1        | 710-0607     | Tap Screw, 5/16-18, 0.500            |
| 2        | 710-06095    | Hex Flange Screw, 3/8-16 x .75       |
| 3        | 712-04063    | Flange Lock Nut, 5/16-18             |
| 4        | 732-04905    | Seat Spring                          |
| 5        | 938-0140     | Shldr Spacer, .435 X .178-5/16 X .56 |
| 6        | 738-04012B   | Shoulder Screw, .625 x .145, 3/8-16  |
| 7        | 757-05003    | Seat                                 |
| 8        | 783-07213A   | Seat Pivot Bracket                   |
| 9        | 710-0227     | Screw, #8                            |
| 10       | 710-04484    | Tap Screw, 5/16-18, .750             |
| 11       | 710-1652     | Tap Screw, 1/4-20, .625              |
| 12       | 925-06119    | Key Switch                           |
| 13       | 725-04363    | Interlock Switch                     |
| 14       | 925-05013    | Seat Switch                          |
| 15       | 725-1643     | Switch Spring                        |
| 16       | 926-0320     | Insulator Plate                      |
| 17       | 738-04237A   | Shoulder Screw, #10-32, .500         |
| 18       | 747-06131A   | Battery Rod                          |
| 19       | 747-06148    | Battery Hold Down Bracket            |
| 20       | 625-05002    | Key, Assembly                        |
| 21       | 683-04754    | PTO Handle Assembly                  |
| 22       | 710-04683A   | Tap Screw, 3/8-16, 1.000             |
| 23       | 720-04049A   | Handle Grip, 3/8                     |
| 24       | 750-0526     | Spacer, .380 ID x .50 OD x .265      |
| 25       | 951-04366B   | Fuel Tank, 1-3 Gal.                  |
| 26       | 751-12089-28 | Hose Vent, 3/16 EPA                  |
| 27       | 735-04081    | Rubber Grommet                       |
| 28       | 751-12118    | Rollover Valve                       |
| 29       | 951-12179B   | Fuel Cap                             |
| 30       | 925-1707D    | Battery, 155 CCA                     |
| 31       | 738-1132     | Screw, Shoulder, .250 x .150         |
| 32       | 712-0271     | Nut, Sems, 1/4-20                    |
| 33       | 712-04064    | Flange Lock Nut, 1/4-20              |
| 34       | 725-04439    | Solienoid, 12v                       |
| 35       | 935-0199A    | Rubber Bumper, .63 Dia               |
| —        | 925-06042    | Wiring Harness (Not Shown)           |

**NOTE,** Tractor features vary by model. NOT all parts listed above and pictured on the previous page are standard equipment.

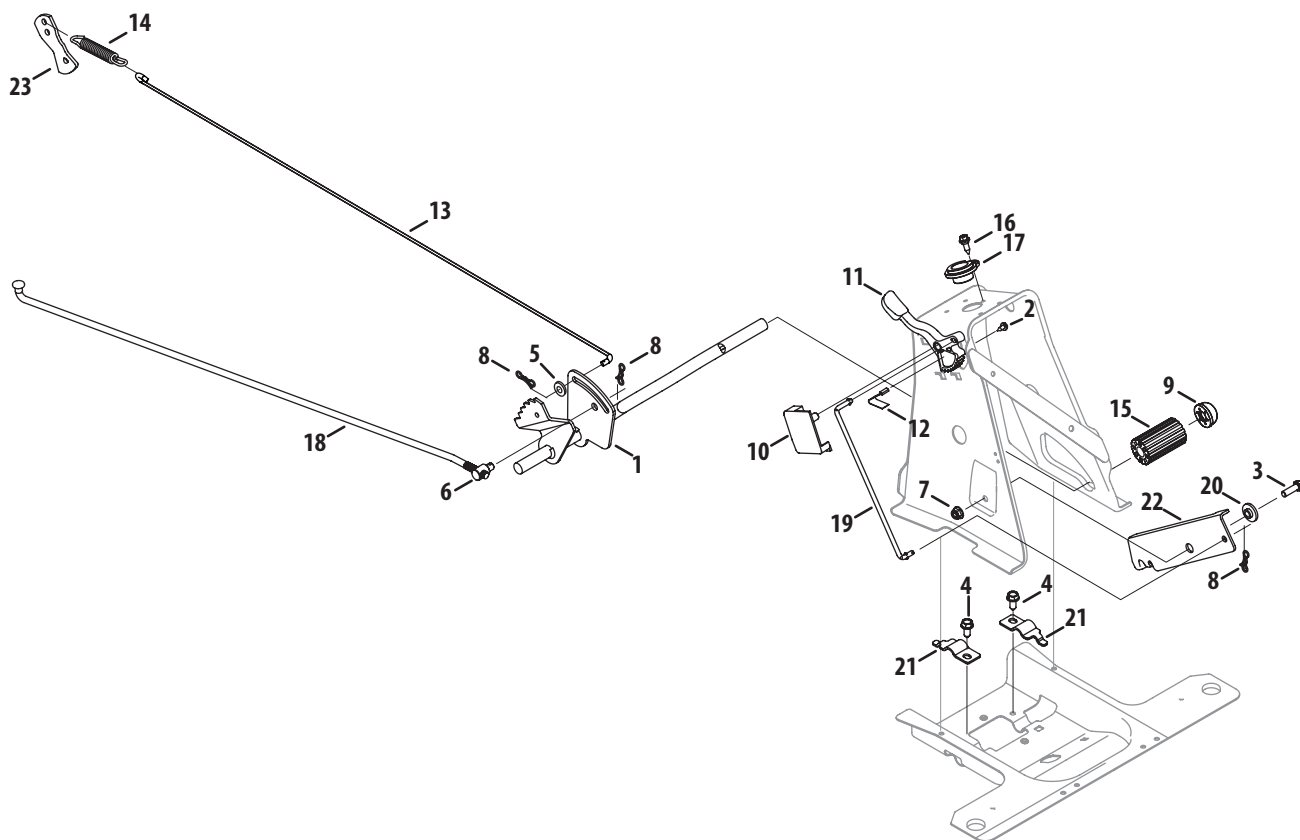
## Front End Steering



| Ref. No. | Part No.       | Description                          |
|----------|----------------|--------------------------------------|
| 1        | 683-04726      | Front Axle Assembly, RH              |
| 2        | 683-04727      | Front Axle Assembly, LH              |
| 3        | 731-04681      | Cap, Troy-Bilt                       |
| 4        | 634-04726-0911 | Complete Wheel Assembly              |
| 5        | 736-04228A     | Washer, .781 x 1.59                  |
| 6        | 738-05000      | Shoulder Screw, .375 x .148 x 1/4-20 |
| 7        | 710-0643       | Hex Head Screw, 5/16-18:1.00         |
| 8        | 710-0703       | Carriage Screw, 1/4-20, .75          |
| 9        | 714-0162       | Cotter Pin, 5/32 x 1.25              |
| 10       | 712-04064      | Flange Lock Nut, 1/4-20              |
| 11       | 712-04065      | Flange Lock Nut, 3/8-16              |
| 12       | 714-04040      | Bow-Tie Cotter Pin, 72               |
| 13       | 717-1554       | Steering Pinion Gear                 |
| 14       | 726-0341       | Push Cap, 3/4                        |
| 15       | 931-0484A      | Hub Cap                              |
| 16       | 983-04763      | Tube Assembly, Non-Telescoping       |
| 17       | 723-04095A     | Steering Sleeve                      |
| 18       | 736-0242       | Bevel Washer, .340X.872X.060         |
| 19       | 738-04537A     | Steering Shaft, .625 OD X 18.03      |
| 20       | 741-04542A     | Hex Flange Bearing, 5/8              |
| 21       | 741-0660A      | Flange Bearing, .760 X .941 X 1.0    |
| 22       | 747-05514      | Steering Rod, LH                     |
| 23       | 747-05585      | Steering Rod, RH                     |
| 24       | 747-06027      | Front Tie Rod                        |
| 25       | 783-06988A     | Steering Rack Plate                  |
| 26       | 783-07239A     | Lower Steering Bearing               |
| 27       | 631-04008A     | Steering Wheel, Soft Grip            |

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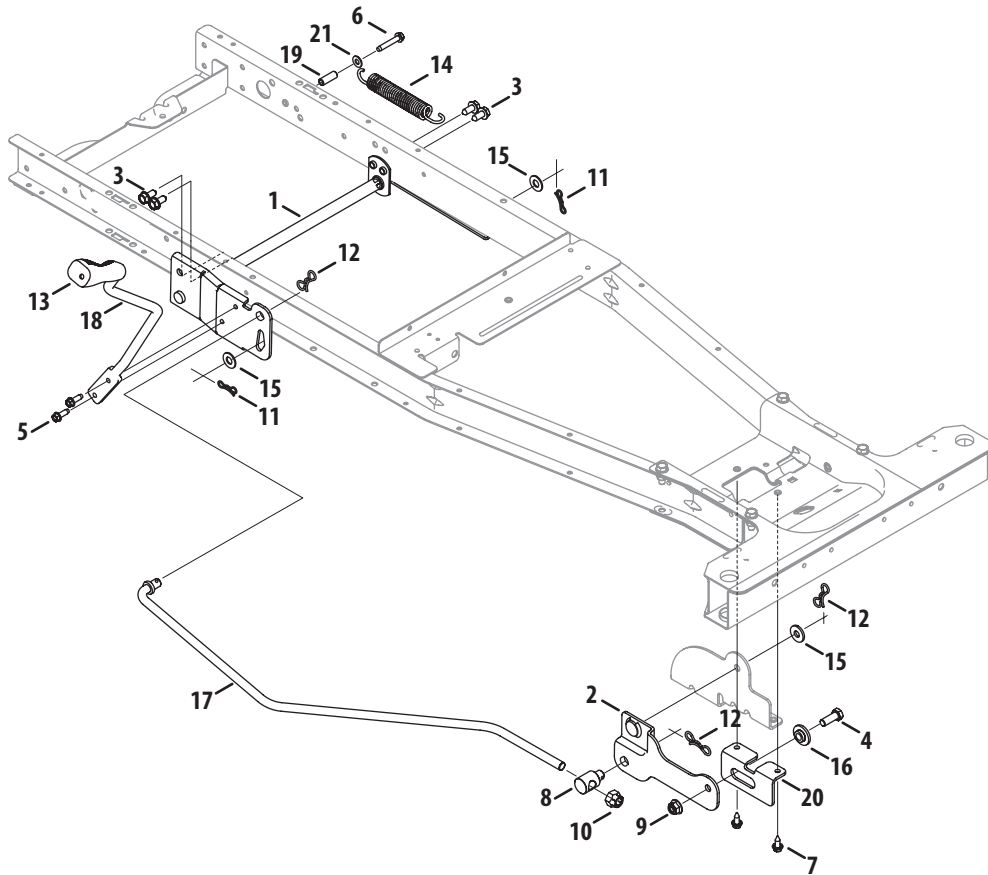
## Pedal Controls



| Ref. No. | Part No.   | Description                     |
|----------|------------|---------------------------------|
| 1        | 683-05017  | Brake Pedal Assembly            |
| 2        | 910-0224   | Screw, #10-16:0.500             |
| 3        | 710-0376   | Hex Head Scerw, 5/16-18:1.00    |
| 4        | 710-04484  | Tap Screw, 5/16-18:.750         |
| 5        | 936-0264   | Flat Washer, .330 x .630 x .064 |
| 6        | 711-06103  | Ferrule 3/8-24 X .375 Dia.      |
| 7        | 712-04063  | Flange Lock Nut, 5/16-18        |
| 8        | 714-04040  | Bow-Tie Cotter Pin, 72          |
| 9        | 726-0214   | Push Cap, 5/8                   |
| 10       | 731-08656A | Speed Control Cover             |
| 11       | 731-08743B | Speed Lever, 6-SPEED            |
| 12       | 732-04937  | Shift Spring                    |

| Ref. No. | Part No.   | Description                           |
|----------|------------|---------------------------------------|
| 13       | 747-06033A | Brake Rod                             |
| 14       | 732-0716D  | Extension Spring, .59 OD x 4.00 LG    |
| 15       | 735-04279  | Foot Pad, 2.5" LG.                    |
| 16       | 738-04184A | Shoulder Screw, .368 X.113, 1/4-20    |
| 17       | 741-0356A  | Steering Col. Bearing, .880 ID X 1.36 |
| 18       | 747-05506  | Variable Speed Control Rod            |
| 19       | 747-06015  | Speed Selector Control Rod            |
| 20       | 748-0234   | Shoulder Spacer                       |
| 21       | 783-05940  | Pedal Strap Support Bracket, 5/8      |
| 22       | 783-08116A | Speed Latch Bracket                   |
| 23       | 717-0772B  | Brake lever Bracket                   |

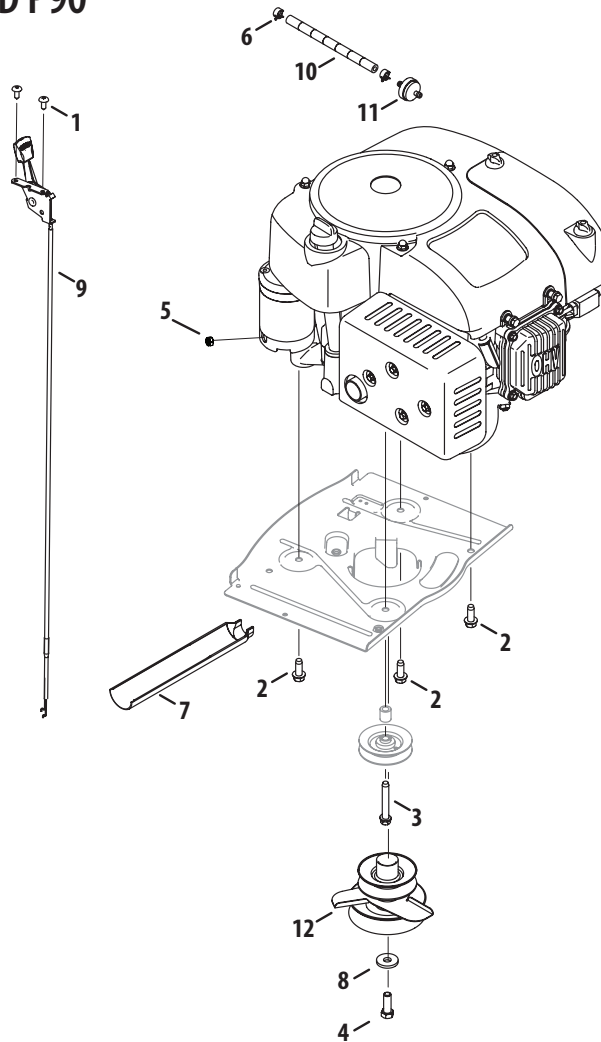
NOTE, Tractor features vary by model. NOT all parts listed and pictured above are standard equipment.



| Ref. No. | Part No.  | Description                   | Ref. No. | Part No.  | Description                         |
|----------|-----------|-------------------------------|----------|-----------|-------------------------------------|
| 1        | 683-05060 | Lift Assembly Shaft           | 12       | 714-04043 | Bow-Tie Cotter Pin, 91              |
| 2        | 683-04757 | Front Hanger Bracket Assembly | 13       | 720-0311  | Grip Handle, 1/2                    |
| 3        | 710-04484 | Tap Screw, 5/16-18, .750      | 14       | 732-04692 | Extension Spring, .85 OD X 5.915 LG |
| 4        | 710-0514  | Hex Head Screw, 3/8-16, 1.00  | 15       | 936-0300  | Flat Washer, .406 X .875 X .059     |
| 5        | 710-0642  | Tap Screw, 1/4-20, 0.750      | 16       | 938-0347  | Shoulder Spacer, .625 ID X .169     |
| 6        | 710-0778  | Screw, 1/4-20, 1.50           | 17       | 747-05511 | Lift Link Rod                       |
| 7        | 710-1652  | Tap Screw, 1/4-20 X .625      | 18       | 747-05576 | Deck Lift Rod                       |
| 8        | 711-05690 | Ferrule, .50 X .50            | 19       | 750-0566A | Spacer, .260 x .375 x 1.030 LG      |
| 9        | 712-04065 | Flange Lock Nut, 3/8-16       | 20       | 783-07129 | Front Deck Mounting Bracket         |
| 10       | 712-05046 | Hex Lock Nut, 1/2-13          | 21       | 936-0463  | Flat Washer, .250 x .630 x .052     |
| 11       | 714-04040 | Bow-Tie Cotter Pin, 72        |          |           |                                     |

NOTE, Tractor features vary by model. NOT all parts listed and pictured above are standard equipment.

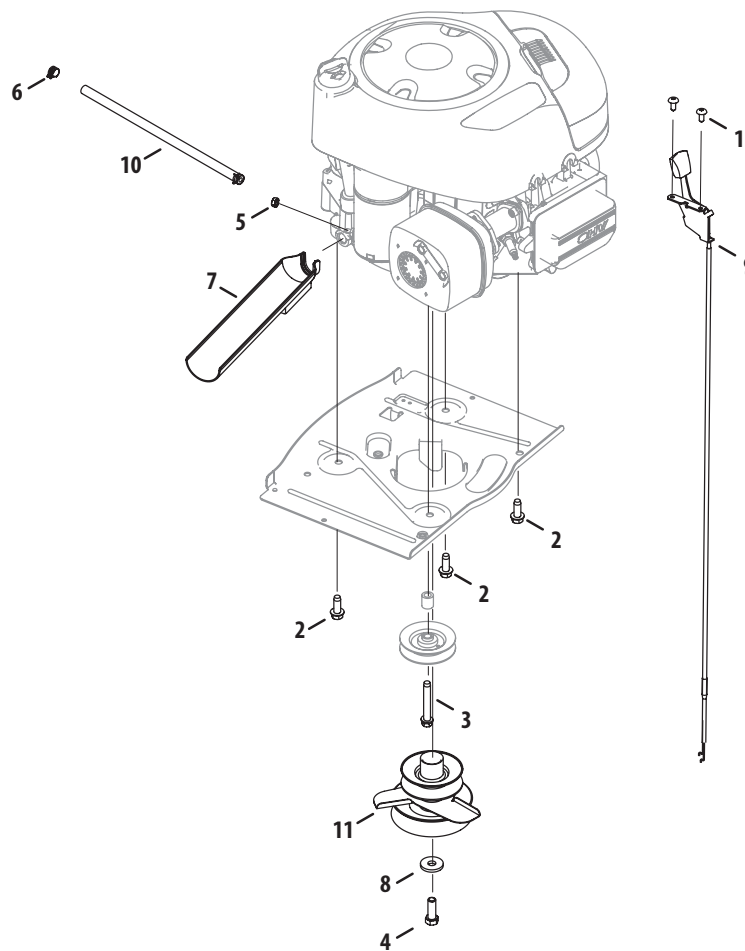
## Engine Accessories MTD P90



| Ref. No. | Part No.   | Description                     |
|----------|------------|---------------------------------|
| 1        | 710-04483  | Tap Screw, 1/4-20, 0.500        |
| 2        | 710-04683A | Tap Screw, 3/8-16, 1.000        |
| 3        | 710-05446  | Tap Screw, 3/8-16, 2.250        |
| 4        | 710-06067  | Hex Head Screw, 7/16-20 x 1.25  |
| 5        | 912-0691   | Nut, Hex Nylon Lock, M6-1.0     |
| 6        | 726-0205   | Hose Clamp, .490 DIA.           |
| 7        | 731-1682A  | Oil Drain Sleeve                |
| 8        | 736-0322   | Flat Washer, .450 x 1.25 x .164 |
| 9        | 946-04829A | Throttle/Choke Cable 31 Lg.     |
| 10       | 751-10349  | Low Permeation Fuel Line, 1/4   |
| 11       | BS-298090S | Fuel Filter, 1/4", 298090       |
| 12       | 756-04479A | Engine Pulley, 4.46 / 3.39      |

NOTE, Tractor features vary by model. NOT all parts listed and pictured above are standard equipment.

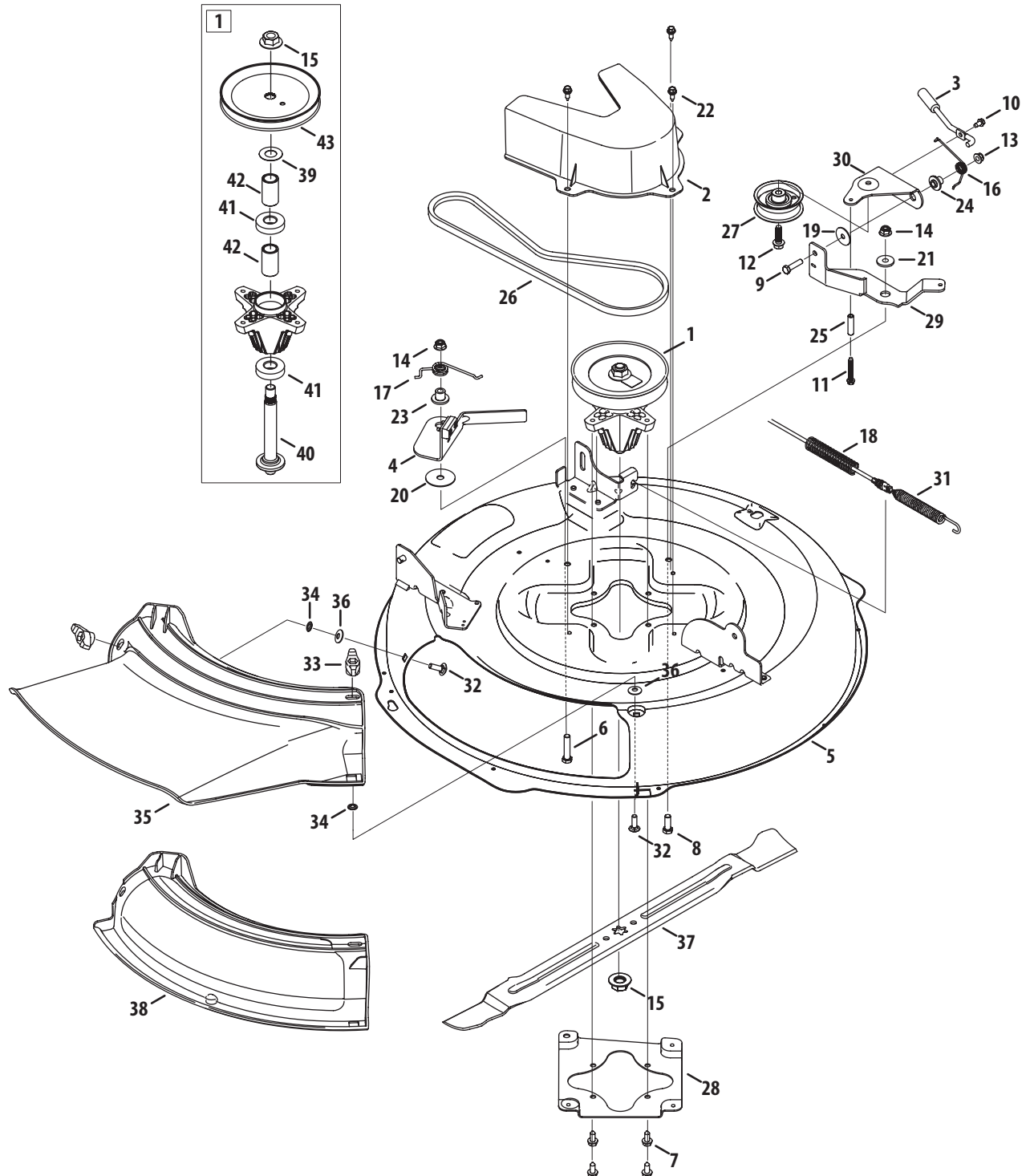
## Engine Accessories B&S Mod 21



| Ref. No. | Part No.   | Description                     |
|----------|------------|---------------------------------|
| 1        | 710-04483  | Tap Screw, 1/4-20, 0.500        |
| 2        | 710-04683A | Tap Screw, 3/8-16, 1.000        |
| 3        | 710-05446  | Tap Screw, 3/8-16, 2.250        |
| 4        | 710-06067  | Hex Head Screw, 7/16-20 x 1.25  |
| 5        | 712-0271   | Sems Nut, 1/4-20                |
| 6        | 726-0205   | Hose Clamp, .490 DIA.           |
| 7        | 731-09188  | Oil Drain                       |
| 8        | 736-0322   | Flat Washer, .450 x 1.25 x .164 |
| 9        | 946-04829A | Throttle/Choke Cable 31 Lg.     |
| 10       | 751-10349  | Low Permeation Fuel Line, 1/4   |
| 11       | 756-04479A | Engine Pulley, 4.46 / 3.39      |

NOTE, Tractor features vary by model. NOT all parts listed and pictured above are standard equipment.

# 30" Deck



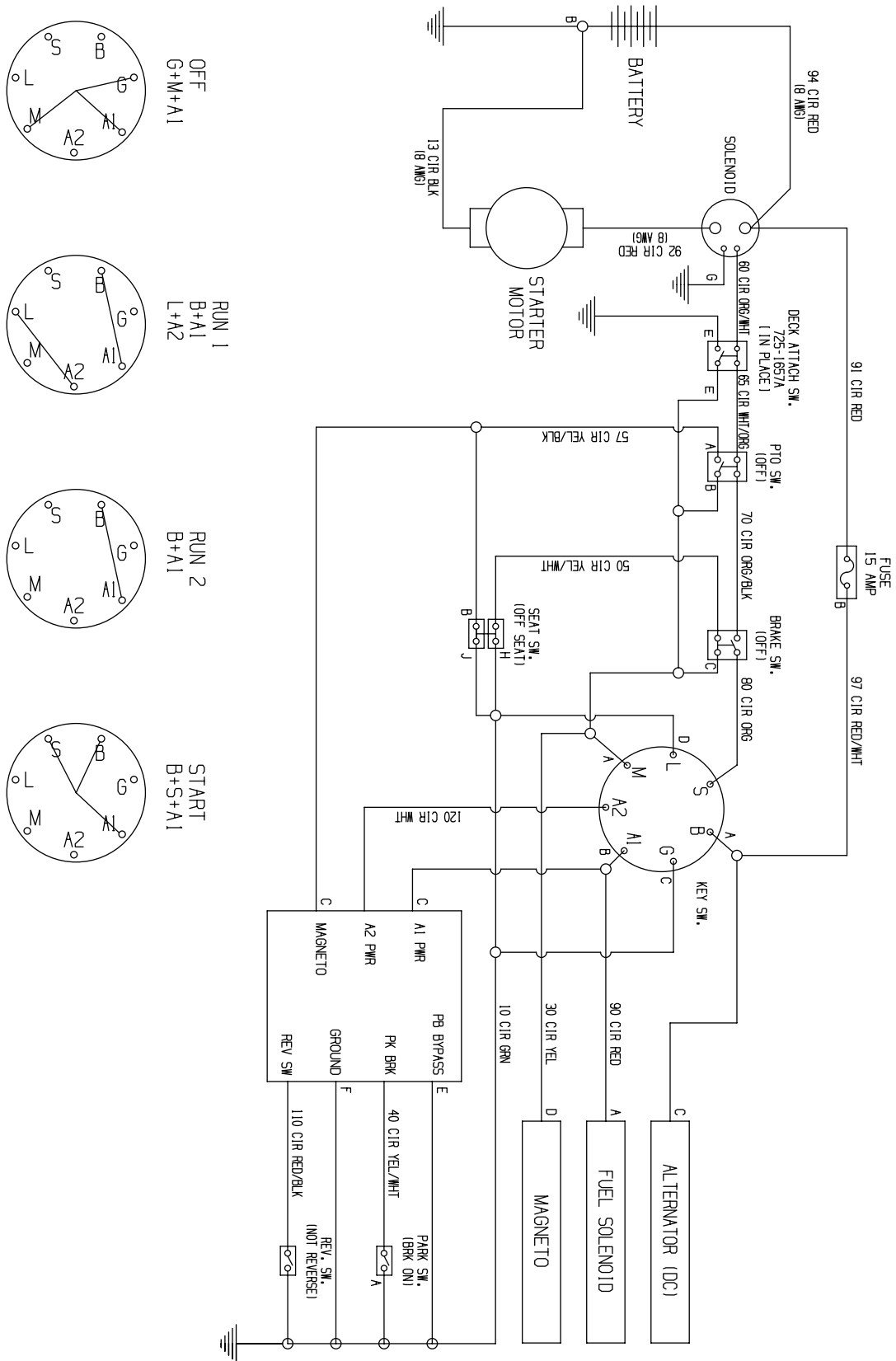


| Ref. | Part Number | Description                        |
|------|-------------|------------------------------------|
| 1    | 918-04822A  | Spindle Pulley Assembly, 6.3 DIA   |
| 2    | 631-05024   | Deck Belt Cover                    |
| 3    | 647-05028   | Idler Rod Assembly                 |
| 4    | 983-05034   | PTO Brake Assembly Bracket         |
| 5    | 983-05040A  | Deck, 30" w/out Nozzle             |
| 6    | 710-0347    | Hex Cap Screw, 3/8-16 x 1.75       |
| 7    | 710-1260A   | Tap Screw, 5/16-18, .750           |
| 8    | 710-0514    | Hex Head Screw, 3/8-16, 1.00       |
| 9    | 710-0528    | Hex Cap Screw, 5/16-18 x 1.25      |
| 10   | 710-0599    | Tap Screw, 1/4-20, 0.500           |
| 11   | 710-1026    | Tap Screw, 1/4-20, 1.750           |
| 12   | 710-1315    | Tap Screw, 3/8-16, 1.250           |
| 13   | 712-04063   | Flange Lock Nut, 5/16-18           |
| 14   | 712-04065   | Flange Lock Nut, 3/8-16            |
| 15   | 712-0417A   | Flange Nut, 5/8-18                 |
| 16   | 732-05045   | PTO Torsion Spring                 |
| 17   | 732-05046   | Brake Torsion Spring               |
| 18   | 732-0583    | Compression Spring, .625 x 4.0     |
| 19   | 736-0362    | Flat Washer, .330x1.250x.060       |
| 20   | 736-3040    | Flat Washer, .406 x 1.920 x .060   |
| 21   | 938-0347    | Shoulder Spacer, .625 ID X .169    |
| 22   | 738-04184A  | Shoulder Screw, .368 X.113: 1/4-20 |

| Ref. | Part Number | Description                         |
|------|-------------|-------------------------------------|
| 23   | 738-05021   | Shoulder Spacer, .173 x .625 x .563 |
| 24   | 738-05022   | Shoulder Spacer, .134 x .500 x .438 |
| 25   | 750-04456   | Spacer, .260 X .372 X 1.420 LG      |
| 26   | 954-05001   | V-Type Belt, 43.5 LG                |
| 27   | 756-04224   | Flat Idler Pulley, 2.75 OD          |
| 28   | 783-08047A  | Deck Spindle Support Bracket        |
| 29   | 783-08128   | Lower Floating Idler Bracket        |
| 30   | 783-08226   | Upper Floating Idler Bracket        |
| 31   | 946-04802A  | PTO Cable                           |
| 32   | 710-04998   | Carriage Screw, 5/16-18, 1.00       |
| 33   | 720-04122   | Wing Knob, 5/16-18                  |
| 34   | 726-0201    | Speed Nut, .3125 ID                 |
| 35   | 731-10267   | Chute Deflector                     |
| 36   | 736-0242    | Bevel Washer, .340X.872X.060        |
| 37   | 942-04385   | Cutting Blade, 30.00" 3-IN-1        |
| 38   | 731-09312   | Mulch Plug                          |
| 39   | 936-0351    | Shim Washer, .760X1.500X.030        |
| 40   | 738-1186A   | Spindle Shaft, 6.11 LG.             |
| 41   | 941-0919B   | Ball Bearing, .787ID X 1.85 ODX.551 |
| 42   | 750-04936   | Spacer, .792 X 1.060 X 1.860 LG     |
| 43   | 956-1227    | Deck Pulley, 6.3 DIA                |

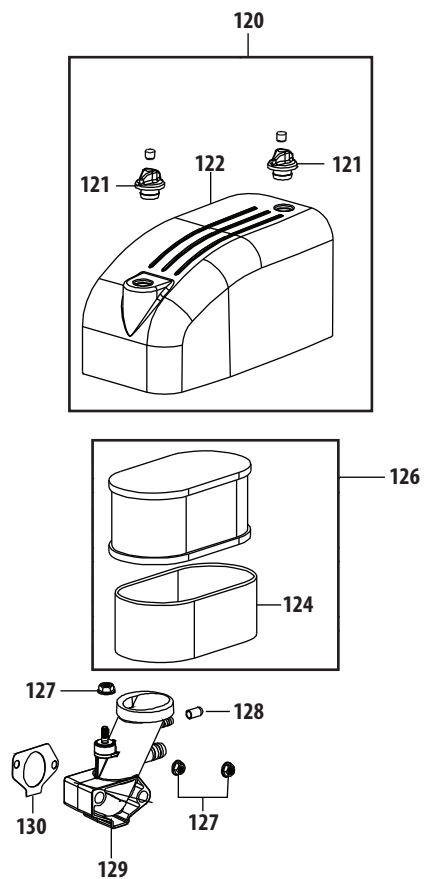
**NOTE,** Tractor features vary by model. NOT all parts listed above and pictured on the previous page are standard equipment.

# Wiring Harness Schematic - 725-06042

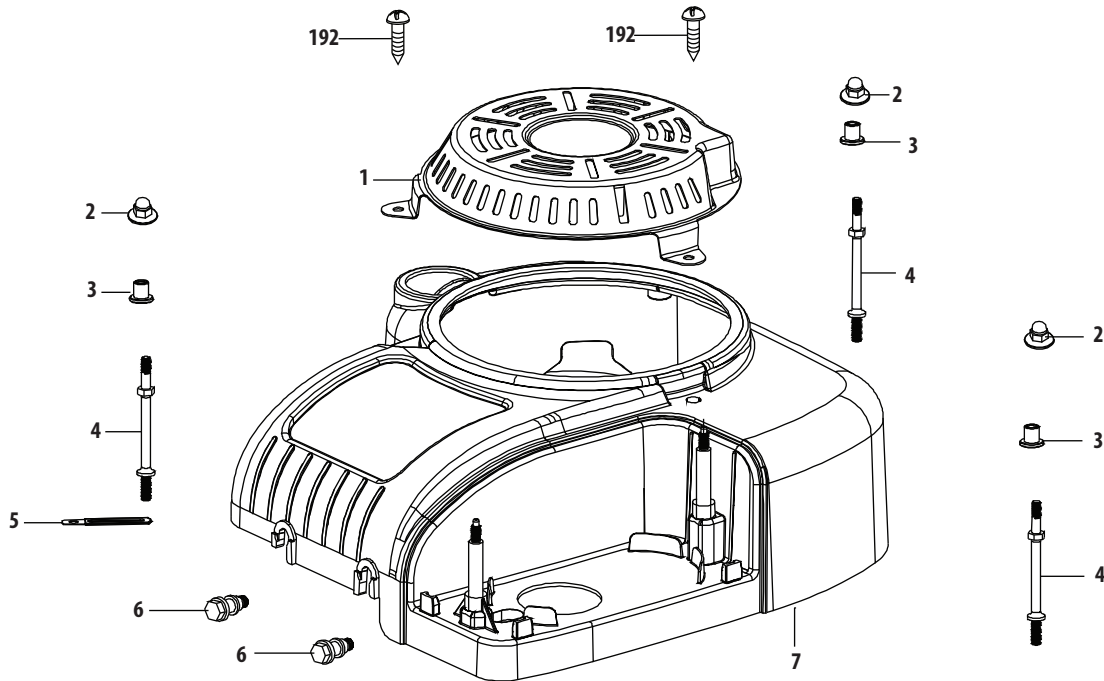


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## Engine Model 4P90JUA Air Intake

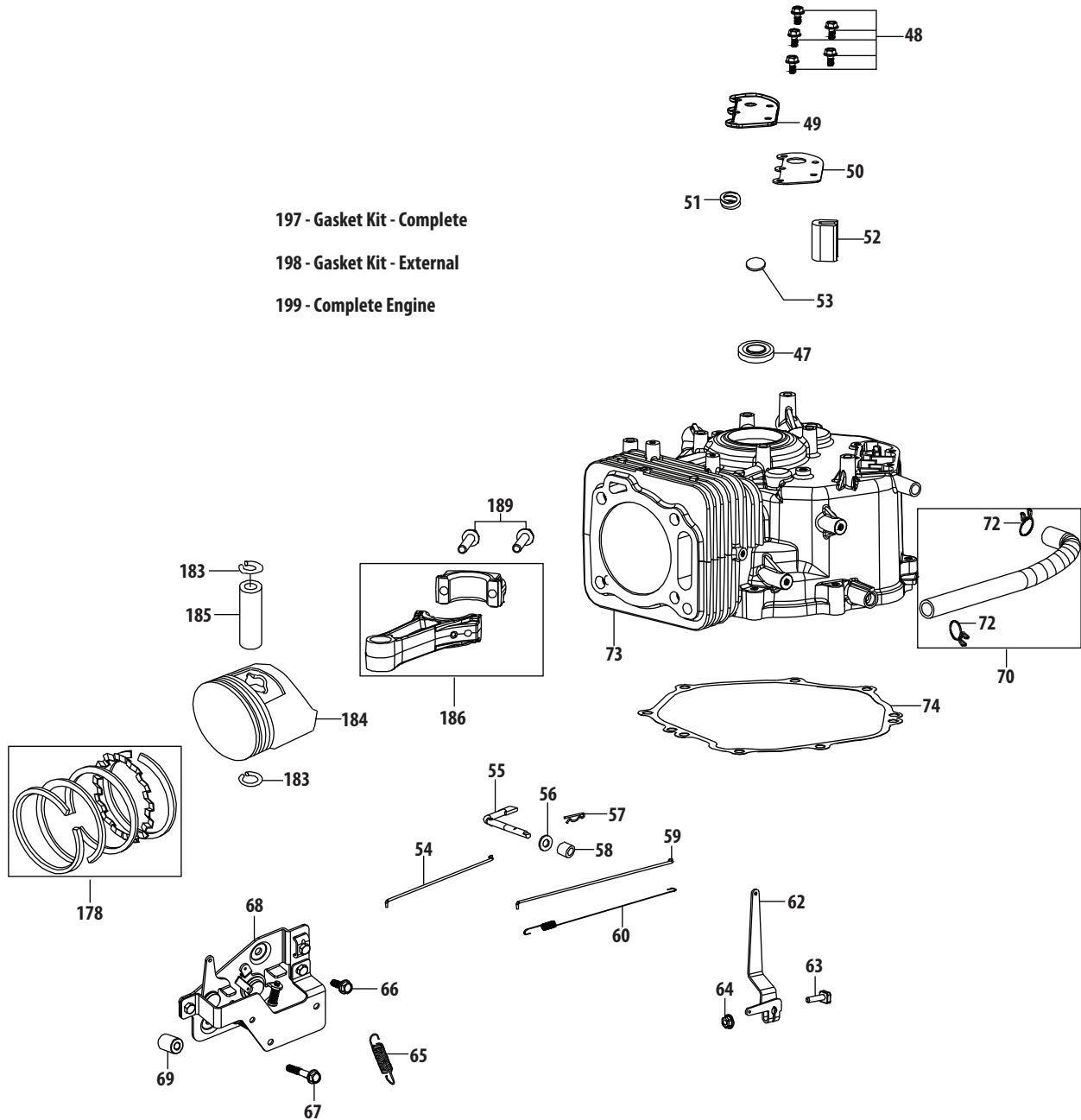


| Ref. | Part Number | Description               |
|------|-------------|---------------------------|
| 120  | 951-12255   | Air Filter Cover Assembly |
| 121  | 712-04291   | Air Filter Lock Nut       |
| 122  | 951-12255   | Air Filter Cover          |
| 124  | 951-12256   | Sponge Filter             |
| 126  | 951-12260   | Air Filter Assembly       |
| 127  | 712-04212   | Nut M6                    |
| 128  | 951-12328   | Rubber Cap                |
| 129  | 951-12257   | Manifold                  |
| 130  | 951-12258   | Manifold Gasket           |



| Ref. | Part Number | Description                  |
|------|-------------|------------------------------|
| 1    | 751-12205   | Debris Shield                |
| 2    | 712-04290   | Nut                          |
| 3    | 750-05320   | Engine Shroud Spacer         |
| 4    | 710-05304   | Starter / Shroud Stud M6×100 |
| 5    | 951-11622   | Flexible Clamp               |
| 6    | 710-05305   | Hook Bolt                    |
| 7    | 951-12206   | Air Shield                   |
| 192  | 710-05303   | Self-Tapping Bolt 5.5×25     |

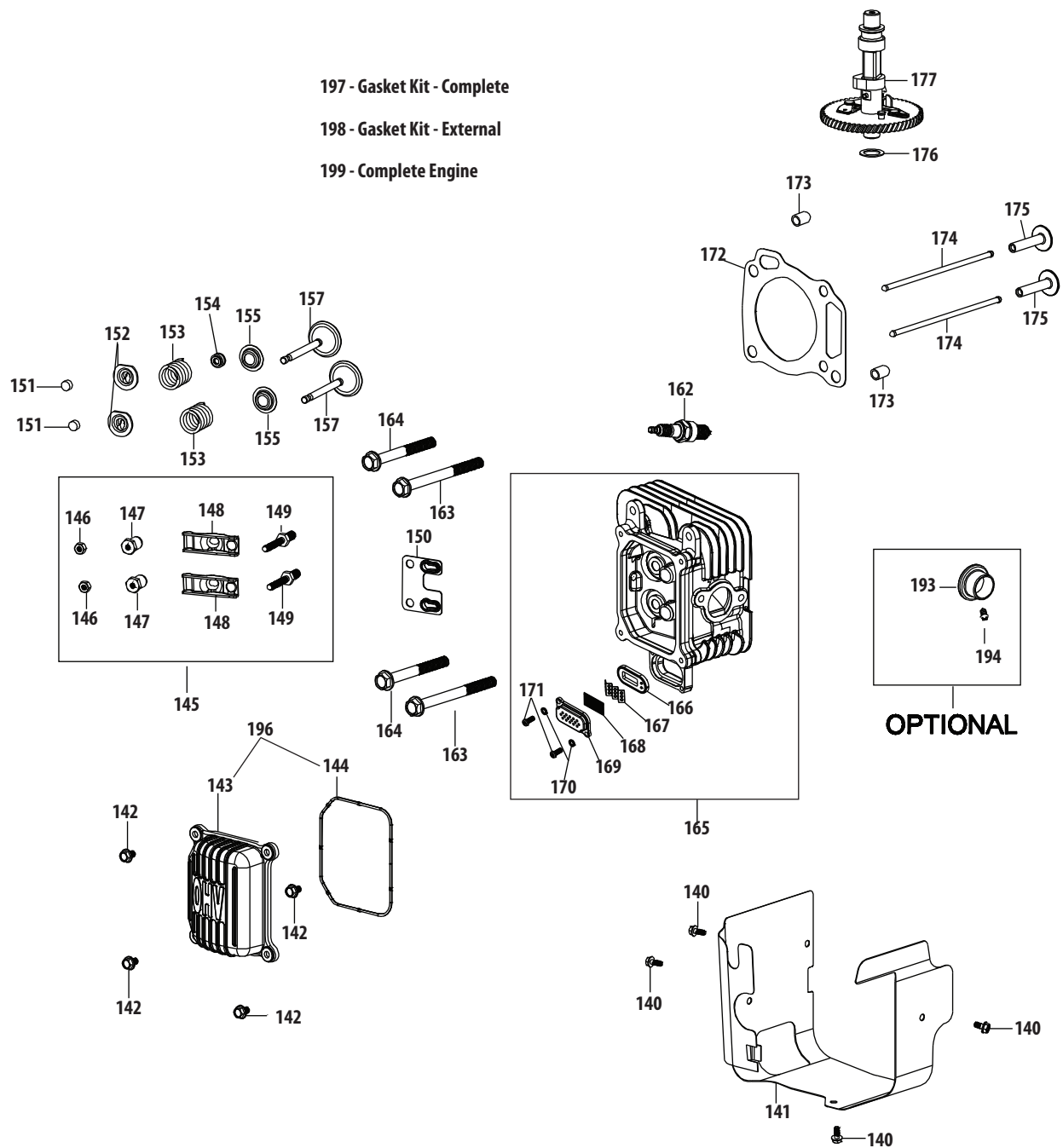
# 4P90JUA Crankcase



| Ref. | Part Number | Description             |
|------|-------------|-------------------------|
| 47   | 951-11499   | Upper Crankshaft Seal   |
| 48   | 710-04916   | Bolt M6×14              |
| 49   | 751-12770   | Breather Cover Plate    |
| 50   | 951-12226   | Breather Gasket         |
| 51   | 951-12685   | Umbrella Valve          |
| 52   | 951-12227   | Mesh Screen             |
| 53   | 951-12686   | Umbrella Valve Seat     |
| 54   | 951-12228   | Choke Linkage           |
| 55   | 951-12229   | Governor Arm Shaft      |
| 56   | 736-04558   | Governor Washer         |
| 57   | 714-04074   | Governor Cotter Pin     |
| 58   | 951-11574   | Governor Seal           |
| 59   | 951-12230   | Throttle Linkage        |
| 60   | 951-12231   | Throttle Linkage Spring |
| 62   | 951-12232   | Governor Arm            |
| 63   | 710-04908   | Governor Arm Bolt       |
| 64   | 712-04212   | Governor Arm Nut M6     |
| 65   | 951-12233   | Governor Spring         |
| 66   | 710-04979   | Bolt M6×18              |
| 67   | 710-05310   | Bolt M6×38              |

| Ref. | Part Number | Description                                                                                                                                   |
|------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 68   | 951-12234   | Throttle Control Bracket                                                                                                                      |
| 69   | 750-05530   | Component Bracket Spacer                                                                                                                      |
| 70   | 951-12235   | Breather Hose Assembly                                                                                                                        |
| 72   | 951-12236   | Breather Hose Clamp                                                                                                                           |
| 73   | 751-12200A  | Short Block Assembly<br>(Incl.37,47-53,55-58,73-77,84,<br>86-89,91-93,98-104,112,113,<br>115-119,137,138,144,160,<br>172,173,175-178,183-186) |
| 184  | 951-12276   | Piston                                                                                                                                        |
| 185  | 951-11954   | Piston Pin                                                                                                                                    |
| 186  | 951-12277   | Connecting Rod Assembly                                                                                                                       |
| 189  | 710-05319   | Connecting Rod Bolt                                                                                                                           |
| 197  | 951-12204   | Gasket Kit - Complete<br>(Incl.47,50,58,74,113,118,130<br>136-138,144,160,166)                                                                |
| 198  | 951-12201   | Gasket Kit - External<br>(Incl.113,130,136-138,144,160)                                                                                       |
| 199  | 952Z4P90JUA | Complete Engine                                                                                                                               |

# 4P90JUA Cylinder Head



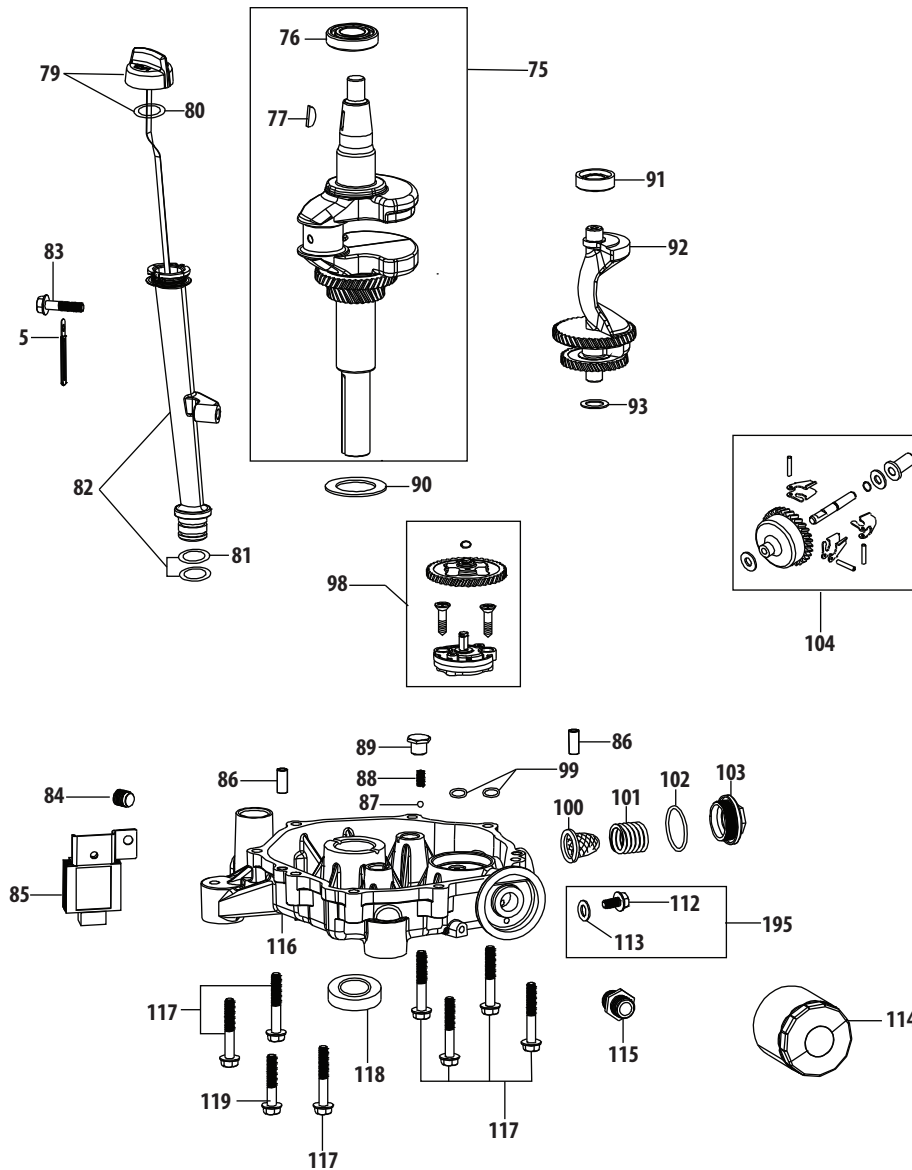


## 4P90JUA Cylinder Head

| Ref. | Part Number | Description                                                        |
|------|-------------|--------------------------------------------------------------------|
| 140  | 710-05315   | Bolt M5×10                                                         |
| 141  | 951-12265   | Cowl                                                               |
| 142  | 710-05316   | Valve Cover Bolt                                                   |
| 143  | 951-12266   | Valve Cover                                                        |
| 144  | 951-12267   | Valve Cover Ring Gasket                                            |
| 145  | 951-11981   | Rocker Arm Assembly                                                |
| 146  | 751-11124   | Jam Nut                                                            |
| 147  | 751-11123   | Fulcrum Nut                                                        |
| 148  | 951-11966   | Rocker Arm                                                         |
| 149  | 710-04962   | Rocker Arm Stud                                                    |
| 150  | 951-12268   | Push Rod Guide                                                     |
| 151  | 951-12081   | Exhaust Valve Adjuster                                             |
| 152  | 951-12080   | Exhaust Valve Spring Retainer                                      |
| 153  | 951-12078   | Valve Spring                                                       |
| 154  | 951-11964   | Intake Valve Seal                                                  |
| 155  | 951-12077   | Valve Spring Retainer                                              |
| 157  | 951-11337   | Valve Kit                                                          |
| 162  | 951-10292   | Spark Plug/F6Rtc                                                   |
| 163  | 710-05317   | Bolt M10×1.25×85                                                   |
| 164  | 710-05318   | Bolt /M10×1.25×65                                                  |
| 165  | 751-12778   | Cylinder Head Asm<br>(Incl.137-139,144,146-157<br>160,161,163-172) |

| Ref. | Part Number | Description                                                                    |
|------|-------------|--------------------------------------------------------------------------------|
| 165  | 951-12202   | Cylinder Head Kit<br>(Incl.144,156,163,164,166)                                |
| 166  | 751-12774   | Air Valve Core                                                                 |
| 167  | 751-12775   | Strainer Clip                                                                  |
| 168  | 751-12776   | Strainer                                                                       |
| 169  | 751-12777   | The Air Valve Bonnet                                                           |
| 170  | 736-04629   | Washer                                                                         |
| 171  | 710-05450   | Screw M5×12                                                                    |
| 172  | 951-12273   | Cylinder Head Gasket                                                           |
| 173  | 715-04122   | Cylinder Head Dowel 12×16                                                      |
| 174  | 951-11335   | Push Rod Kit                                                                   |
| 175  | 951-11962   | Tappet                                                                         |
| 176  | 736-04561   | Camshaft Thrust Washer                                                         |
| 177  | 951-12274   | Camshaft Assembly                                                              |
| 193  | 951-12329   | Spark Arrestor                                                                 |
| 194  | 710-05344   | Spark Arrestor Screw                                                           |
| 196  | 951-12197   | Valve Cover Kit                                                                |
| 197  | 951-12204   | Gasket Kit - Complete<br>(Incl.47,50,58,74,113,118,130<br>136-138,144,160,166) |
| 198  | 951-12201   | Gasket Kit - External<br>(Incl.113,130,136-138,144,160)                        |
| 199  | 952Z4P90JUA | Complete Engine                                                                |

# 4P90JUA Crankshaft & Crankcase Cover

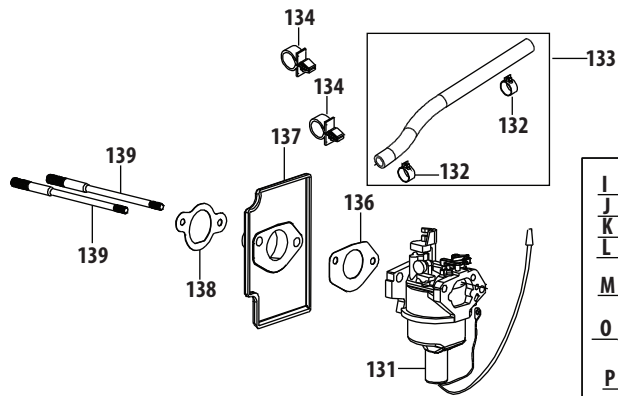


## 4P90JUA Crankshaft & Crankcase Cover

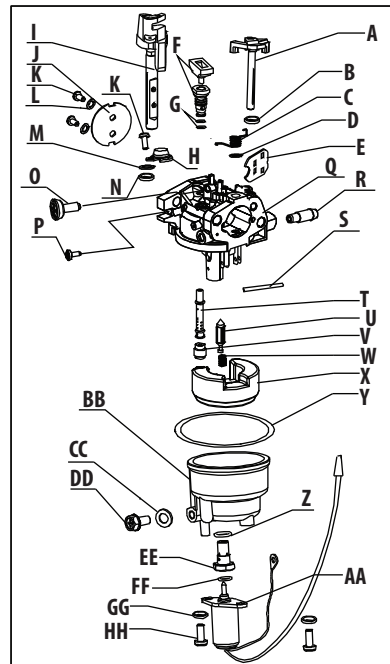
| Ref. | Part Number | Description                |
|------|-------------|----------------------------|
| 5    | 951-11622   | Flexible Clamp             |
| 75   | 951-12238   | Crankshaft Assembly        |
| 76   | 951-11969   | Main Bearing               |
| 77   | 951-10307   | Woodruff Key               |
| 79   | 951-12239   | Dipstick Assembly          |
| 80   | 951-12241   | Upper O-Ring               |
| 81   | 951-12363   | Lower O-Ring               |
| 82   | 951-12240   | Oil Fill Tube Assembly     |
| 83   | 710-04980   | Bolt M6×35                 |
| 84   | 710-05311   | Oil Drain Plug             |
| 85   | 951-12242   | Regulator                  |
| 86   | 715-04121   | Dowel Pin 8×14             |
| 87   | 951-12243   | Ball 6.35                  |
| 88   | 951-12244   | Spring                     |
| 89   | 710-05312   | Bolt                       |
| 90   | 736-04557   | Crankshaft Thrust Washer   |
| 91   | 951-12245   | Balanceable Shaft Bearing  |
| 92   | 751-12246   | Balanceable Shaft Assembly |
| 93   | 736-04559   | Balanceable Thrust Washer  |

| Ref. | Part Number | Description                                                 |
|------|-------------|-------------------------------------------------------------|
| 98   | 951-12248   | Oil Pump Assembly                                           |
| 99   | 951-12247   | O-Ring 10×2.65                                              |
| 100  | 951-12249   | Filter                                                      |
| 101  | 951-12250   | Filter Spring                                               |
| 102  | 951-12251   | O-Ring 35.5×2.65                                            |
| 103  | 951-12252   | Filter Cover                                                |
| 104  | 951-11956   | Governor Gear/Shaft Assembly                                |
| 112  | 710-05313   | Bolt M8×15                                                  |
| 113  | 736-04560   | Oil Drain Plug Washer                                       |
| 114  | 951-12690   | Oil Filter                                                  |
| 115  | 951-12253   | Screw Joint                                                 |
| 116  | 951-12254   | Crankcase Cover                                             |
|      | 951-12318   | Crankcase Cover Asm<br>(Incl.87-89,100-104,112,113,115,116) |
| 117  | 710-04982   | Bolt M8×54                                                  |
| 118  | 951-11375   | Lower Crankshaft Seal                                       |
| 119  | 710-05314   | Bolt M8×43                                                  |
| 195  | 951-12194   | Oil Drain Plug Assembly                                     |

# 4P90JUA Carburetor Assembly



200 - Carburetor Kit - Major

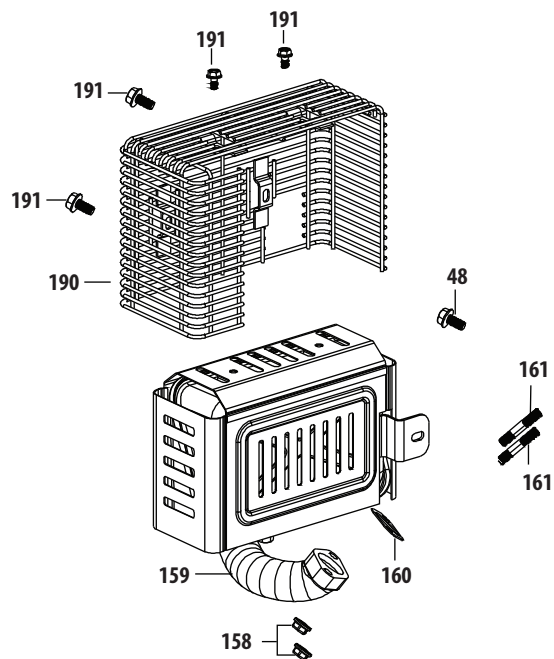


## 4P90JUA Carburetor Assembly

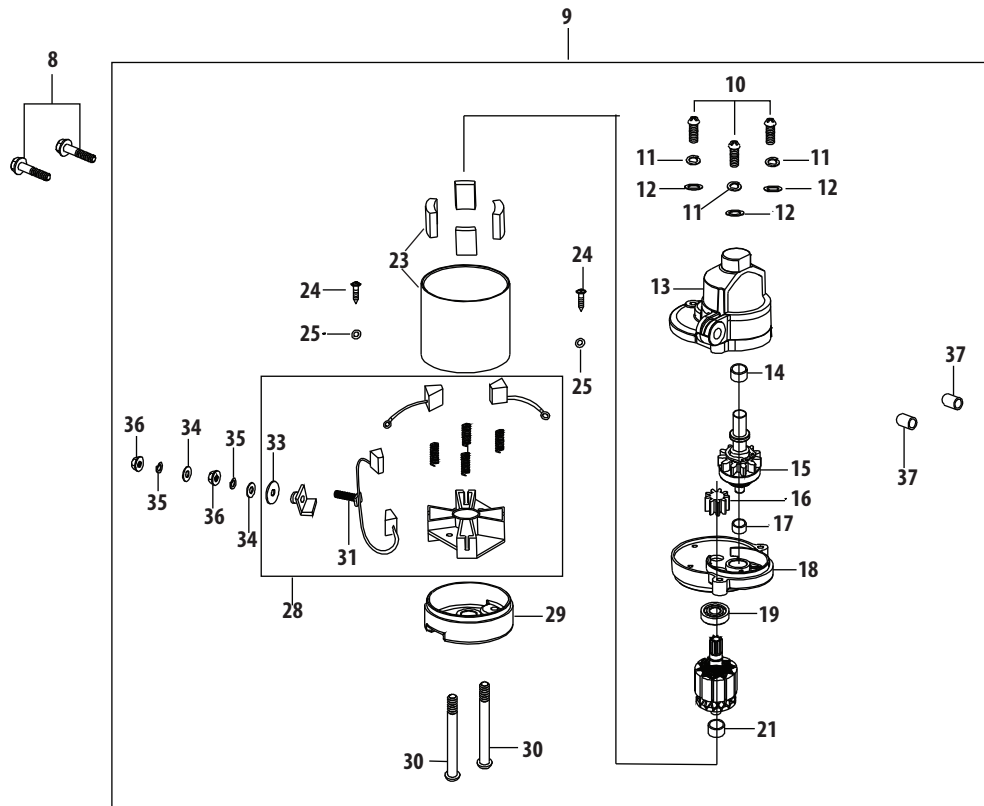
| Ref. | Part Number | Description                                                          |
|------|-------------|----------------------------------------------------------------------|
| 131  | 951-12823   | Carburetor Assembly                                                  |
| 132  | 951-11731   | Fuel Hose Clamp                                                      |
| 133  | 951-11336   | Fuel Line Kit                                                        |
| 134  | 723-04071   | Plastic Support Clamp                                                |
| 136  | 951-12261   | Carburetor Gasket                                                    |
| 137  | 951-12262   | Carburetor Insulator                                                 |
| 138  | 951-12263   | Carburetor Insulator Gasket                                          |
| 139  | 951-12264   | Carb Stud                                                            |
| 200  | 751-12779   | Carburetor Kit - Major<br>(Incl.130,136,B,BB,CC,DD<br>G,M,N,U,W,Y,Z) |
| A    | n/a         | Choke Shaft                                                          |
| B    | n/a         | Fiber O-Ring                                                         |
| C    | n/a         | Choke Return Spring                                                  |
| D    | n/a         | Flat Steel Washer                                                    |
| E    | n/a         | Choke Plate                                                          |
| F    | n/a         | Idle Jet Assembly                                                    |
| G    | n/a         | Idle Jet O-Ring                                                      |
| H    | n/a         | Sheetmetal Housing                                                   |
| I    | n/a         | Throttle Shaft                                                       |
| J    | n/a         | Throttle Plate                                                       |
| K    | n/a         | Screw M3×5                                                           |

| Ref. | Part Number | Description                |
|------|-------------|----------------------------|
| L    | n/a         | Lock Washer                |
| M    | n/a         | Nylon/Plastic O-Ring       |
| N    | n/a         | Fiber O-Ring               |
| O    | n/a         | Idle Speed Adjusting Screw |
| P    | n/a         | Idle Mixture Screw         |
| Q    | n/a         | Carburetor Body            |
| R    | n/a         | Fuel Inlet                 |
| S    | n/a         | Float Pin                  |
| T    | n/a         | Emulsion Tube              |
| U    | n/a         | Needle Valve               |
| V    | n/a         | Main Jet                   |
| W    | n/a         | Needle Valve Spring        |
| X    | n/a         | Float                      |
| Y    | 951-12304   | Fuel Bowl O-Ring           |
| Z    | 751-12772   | Seat/Fuel Bowl Bolt O-Ring |
| AA   | 751-12773   | Solenoid Valve Assembly    |
| BB   | n/a         | Fuel Bowl                  |
| CC   | 951-11349   | Fuel Drain Plug Gasket     |
| DD   | 710-04938   | Fuel Drain Plug            |
| EE   | 710-05449   | Seat/Fuel Bowl Bolt        |
| GG   | 736-04554   | Washer                     |
| HH   | 710-05337   | Screw M5×12                |

## 4P90JUA Muffler Assembly



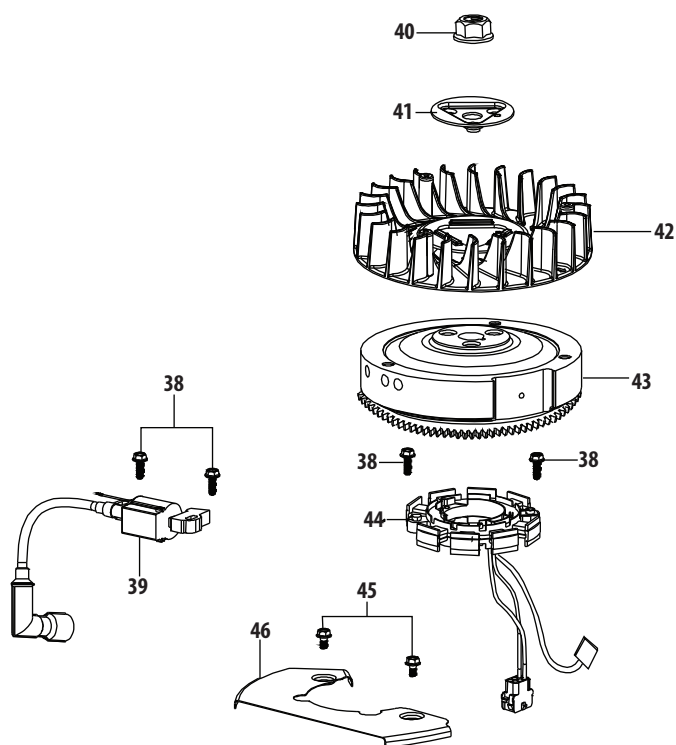
| Ref. | Part Number | Description           |
|------|-------------|-----------------------|
| 48   | 710-04916   | Bolt M6×14            |
| 158  | 712-04219   | Nut M8                |
| 159  | 951-12270   | Muffler Assembly      |
| 160  | 951-12271   | Exhaust Pipe Gasket   |
| 161  | 951-12272   | Muff Stud M8×47       |
| 161  | 951-12196   | Muffler Stud Assembly |
| 190  | 951-12278   | Wire Mesh Shield      |
| 191  | 710-05051   | Bolt M6×12            |



| Ref. | Part Number | Description                    |
|------|-------------|--------------------------------|
| 8    | 710-05306   | Bolt M8×40                     |
| 9    | 951-12207   | Starter Assembly               |
| 10   | 710-05307   | Screw M5×25                    |
| 11   | 736-04554   | Lock Washer 5                  |
| 12   | 736-04556   | Plain Washer 6                 |
| 13   | 951-12208   | Electrical Starter Front Cover |
| 14   | 951-12211   | Bearing                        |
| 15   | 951-12210   | Pinion/Clutch Assembly         |
| 16   | 951-12312   | Gear                           |
| 17   | 951-12209   | Bearing                        |
| 18   | 951-12212   | Pinion Cover                   |
| 19   | 951-12214   | Bearing 6001Zz                 |
| 21   | 951-12216   | Bearing                        |

| Ref. | Part Number | Description                   |
|------|-------------|-------------------------------|
| 23   | 951-12528   | Starter Housing Assembly      |
| 24   | 951-12217   | Screw                         |
| 25   | 736-04554   | Lock Washer                   |
| 28   | 951-12529   | Brush Assembly                |
| 29   | 951-12219   | Electrical Starter Back Cover |
| 30   | 710-05308   | Bolt M6×100                   |
| 31   | 951-12324   | Bolt M6×30 Assembly           |
| 33   | 736-04555   | Insulation Washer             |
| 34   | 736-04556   | Plain Washer 6                |
| 35   | 736-04477   | Lock Washer 6                 |
| 36   | 712-04212   | Nut M6                        |
| 37   | 715-04120   | Dowel Pin 10×14               |

## 4P90JUA Ignition & Electrical

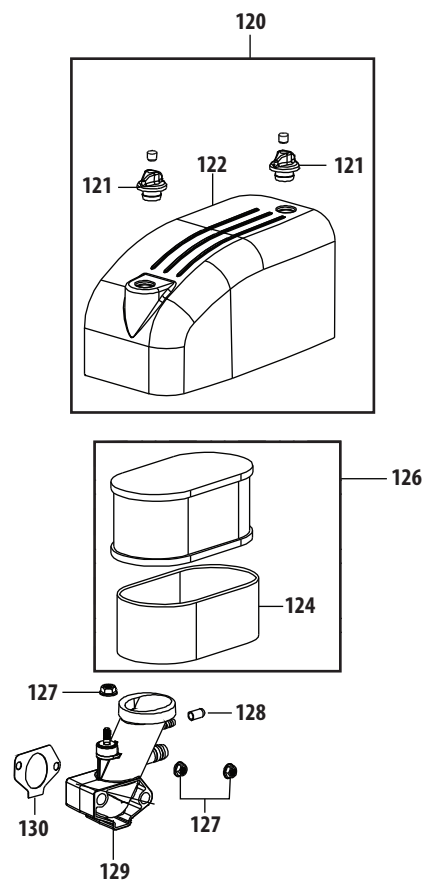


| Ref. | Part Number | Description            |
|------|-------------|------------------------|
| 38   | 710-04920   | Bolt M6×28             |
| 39   | 951-12220   | Ignition Coil Assembly |
| 40   | 712-04220   | Flywheel Nut M16×1.5   |
| 41   | 951-12221   | Fan Mounting Plate     |
| 42   | 751-12222A  | Cooling Fan            |
| 43   | 951-12223   | Flywheel               |
| 44   | 951-12224   | Coil Assy. Charge      |
| 45   | 710-04940   | Bolt M6×10             |
| 46   | 951-12279   | Cowl                   |

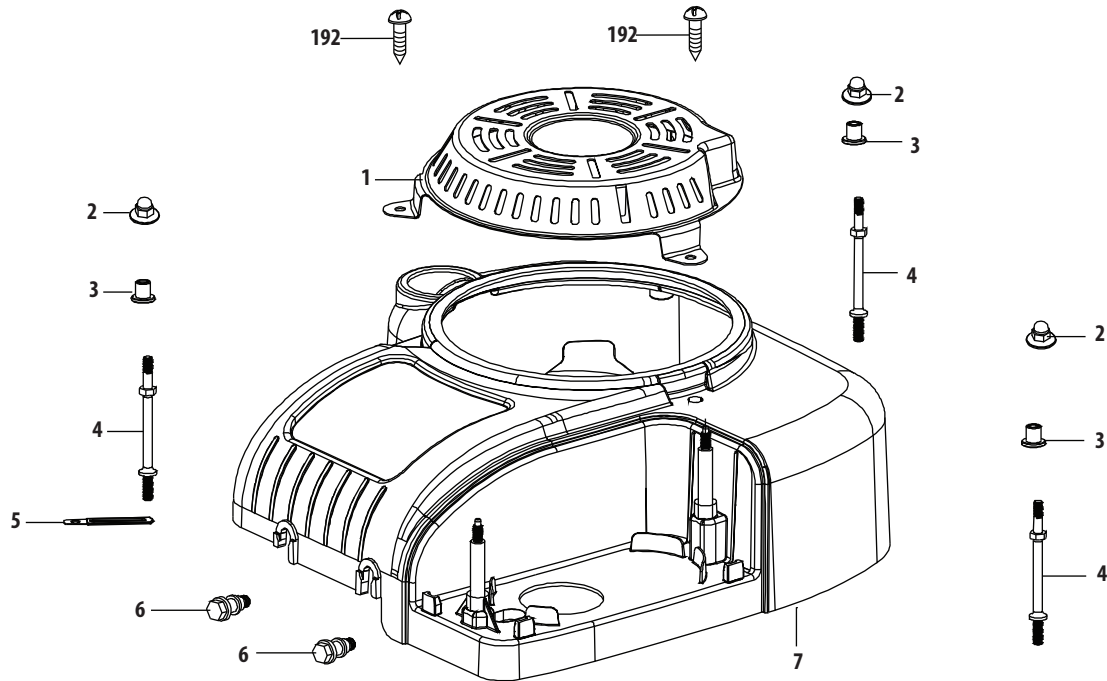


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## Engine Model 4P90JUB Air Intake

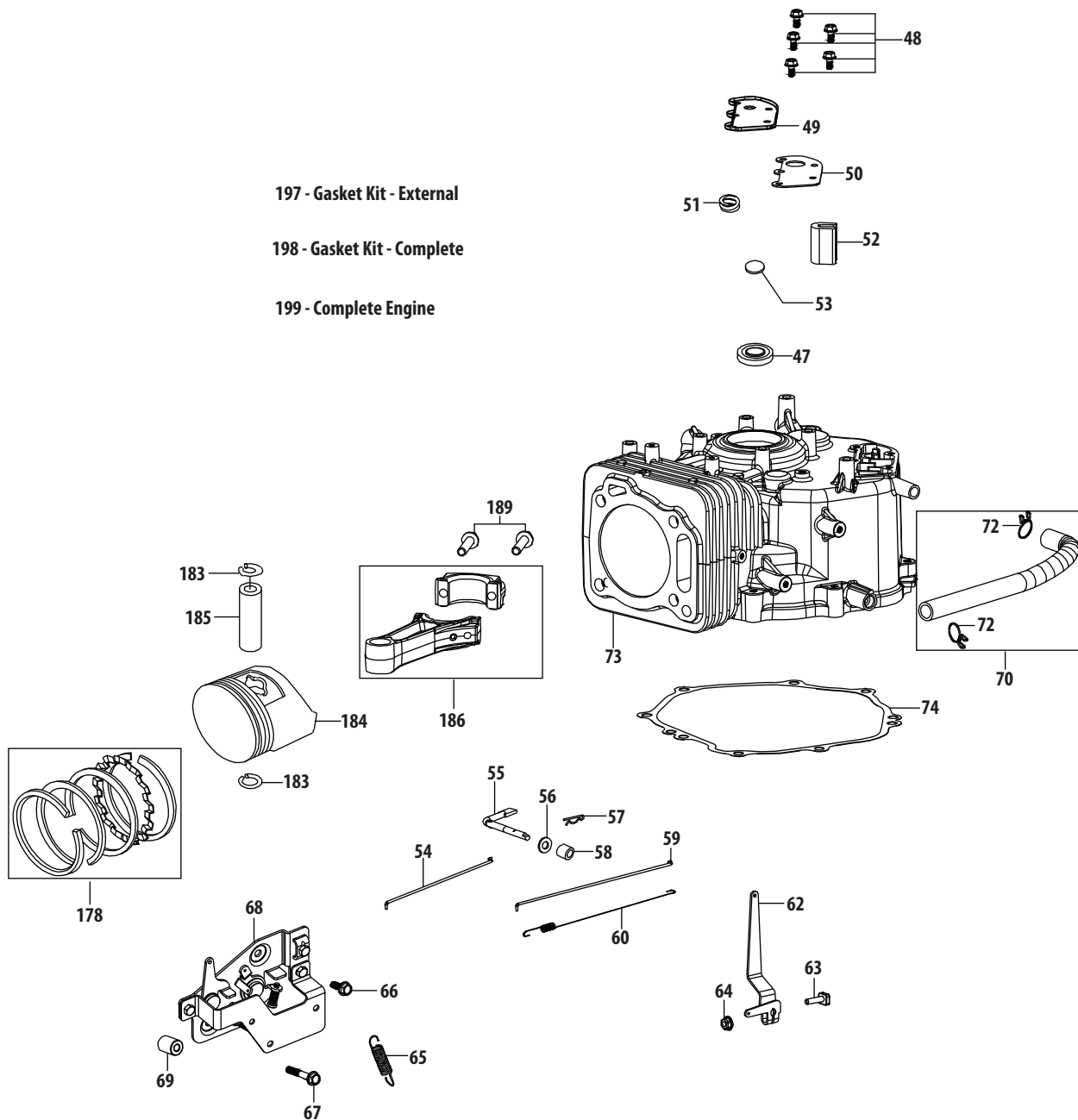


| Ref. | Part Number | Description               |
|------|-------------|---------------------------|
| 120  | 951-14458   | Air Filter Cover Assembly |
| 121  | 951-14466   | Air Filter Lock Nut       |
| 122  | 951-12255   | Air Filter Cover          |
| 124  | 951-12256   | Sponge Filter             |
| 126  | 951-12260   | Air Filter Assembly       |
| 127  | 712-04212   | Nut M6                    |
| 128  | 951-12328   | Rubber Cap                |
| 129  | 951-12257   | Manifold                  |
| 130  | 951-12258   | Manifold Gasket           |



| Ref. | Part Number | Description                 |
|------|-------------|-----------------------------|
| 1    | 951-12205   | Debris Shield               |
| 2    | 712-04290   | Nut                         |
| 3    | 750-05320   | Engine Shroud Spacer        |
| 4    | 951-14454   | Starter / Shroud Stud M6×99 |
| 5    | 951-11622   | Flexible Clamp              |
| 6    | 710-05305   | Hook Bolt                   |
| 7    | 751-14455   | Air Shield                  |
| 192  | 710-05303   | Self-Tapping Bolt 5.5×25    |

# 4P90JUB Crankcase



| Ref. | Part Number | Description                |
|------|-------------|----------------------------|
| 47   | 951-11499   | Upper Crankshaft Seal      |
| 48   | 710-04916   | Bolt M6×14                 |
| 49   | 951-14456   | Breather Cover Plate       |
| 50   | 951-12226   | Breather Gasket            |
| 51   | 951-12685   | Umbrella Valve             |
| 52   | 951-12227   | Mesh Screen                |
| 53   | 951-12686   | Umbrella Valve Set         |
| 54   | 951-12228   | Choke Linkage              |
| 55   | 951-12229   | Governor Arm Shaft         |
| 56   | 736-04558   | Governor Washer            |
| 57   | 714-04074   | Governor Cotter Pin        |
| 58   | 951-11574   | Governor Seal              |
| 59   | 951-12230   | Throttle Linkage           |
| 60   | 951-12231   | Throttle Linkage Spring    |
| 62   | 951-12232   | Governor Arm               |
| 63   | 710-04908   | Governor Arm Bolt          |
| 64   | 712-04212   | Governor Arm Nut M6        |
| 65   | 951-12233   | Governor Spring            |
| 66   | 710-04979   | Bolt M6×18                 |
| 67   | 710-05310   | Bolt M6×38                 |
| 68   | 951-14457   | Component Bracket/Separate |

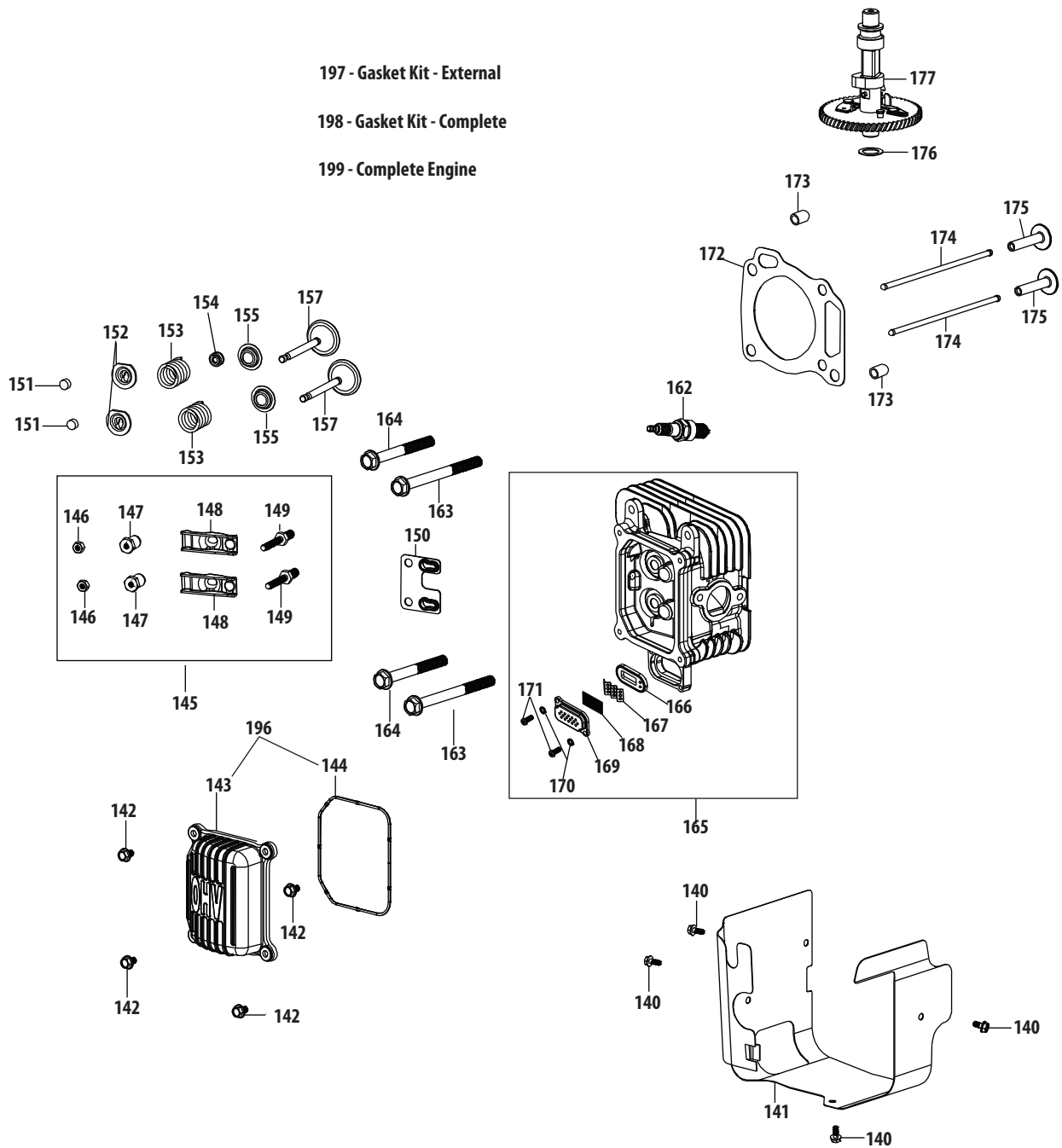
| Ref. | Part Number | Description                                                                                                                                  |
|------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 69   | 750-05530   | Component Bracket Spacer                                                                                                                     |
| 70   | 951-12235   | Breather Hose Assembly                                                                                                                       |
| 72   | 951-12236   | Breather Hose Clamp                                                                                                                          |
| 73   | 951-14462   | Short Block Assembly<br>(Incl.37,47-53,55-58,73-77,84,86,87-89,<br>91-93,98-104,112,113,115-119,137-138,<br>144,160,172,173,175-178,183-186) |
| 74   | 951-12237   | Crankcase Cover Gasket                                                                                                                       |
| 178  | 951-12275   | Piston Ring Set                                                                                                                              |
| 183  | 951-11953   | Piston Pin Snap Ring                                                                                                                         |
| 184  | 951-12276   | Piston                                                                                                                                       |
| 185  | 951-11954   | Piston Pin                                                                                                                                   |
| 186  | 951-12277   | Connecting Rod Assembly                                                                                                                      |
| 189  | 710-05319   | Connecting Rod Bolt                                                                                                                          |
| 197  | 951-12201   | Gasket Kit - External<br>(Incl.113,130,136,137,138,114,160)                                                                                  |
| 198  | 951-12204   | Gasket Kit - Complete<br>(Incl.47,50,58,74,113,118,130,<br>136,137,138,144,160,172)                                                          |
| 199  | 952Z4P90JUB | Complete Engine                                                                                                                              |

# 4P90JUB Cylinder Head

197 - Gasket Kit - External

198 - Gasket Kit - Complete

199 - Complete Engine

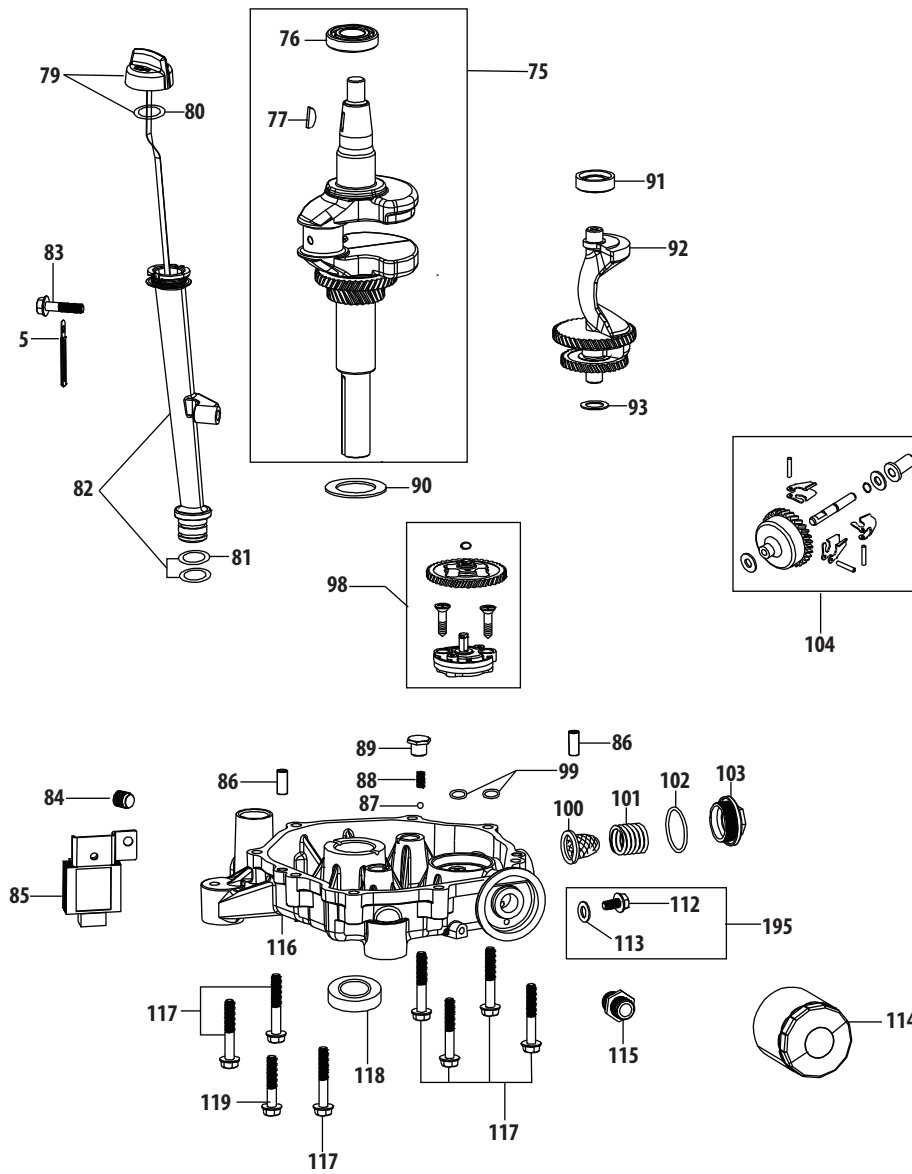


## 4P90JUB Cylinder Head

| Ref. | Part Number | Description                                     |
|------|-------------|-------------------------------------------------|
| 140  | 710-05315   | Bolt M5×10                                      |
| 141  | 951-12265   | Cowl                                            |
| 142  | 710-05316   | Valve Cover Bolt                                |
| 143  | 951-12266   | Valve Cover                                     |
| 144  | 951-12267   | Valve Cover Ring                                |
| 145  | 951-11981   | Rocker Arm Assembly                             |
| 146  | 751-11124   | Jam Nut                                         |
| 147  | 751-11123   | Fulcrum Nut                                     |
| 148  | 951-11966   | Rocker Arm                                      |
| 149  | 710-04962   | Rocker Arm Stud                                 |
| 150  | 951-12268   | Push Rod Guide                                  |
| 151  | 951-12269   | Exhaust Valve Adjuster                          |
| 152  | 951-12080   | Exhaust Valve Spring Retainer                   |
| 153  | 951-12078   | Valve Spring                                    |
| 154  | 951-11964   | Intake Valve Seal                               |
| 155  | 951-12077   | Valve Spring Retainer                           |
| 156  | 951-11337   | Valve Kit                                       |
| 157  | 951-11337   | Valve Kit                                       |
| 162  | 951-10292   | Spark Plug/F6Rtc                                |
| 163  | 710-05317   | Bolt M10×1.25×85                                |
| 164  | 710-05318   | Bolt /M10×1.25×65                               |
| 165  | 951-12202   | Cylinder Head Kit<br>(Incl.144,154,163,164,172) |

| Ref. | Part Number | Description                                                                         |
|------|-------------|-------------------------------------------------------------------------------------|
|      | 951-14463   | Cylinder Head Asm<br>(Incl.137-139,144,146-159,<br>161-163,165-170)                 |
| 166  | 951-14460   | Air Valve Core                                                                      |
| 167  | 951-12775   | Strainer Clip                                                                       |
| 168  | 951-12776   | Second Air Valve Filter Element                                                     |
| 169  | 951-12777   | The Air Valve Bonnet                                                                |
| 170  | 736-04629   | Washer                                                                              |
| 171  | 710-05337   | Screw M5×12                                                                         |
| 172  | 951-12273   | Cylinder Head Gasket                                                                |
| 173  | 715-04122   | Cylinder Head Dowel 12×16                                                           |
| 174  | 951-11335   | Push Rod Kit                                                                        |
| 175  | 951-11962   | Tappet                                                                              |
| 176  | 736-04561   | Camshaft Thrust Washer                                                              |
| 177  | 951-12274   | Camshaft Assembly                                                                   |
| 196  | 951-12197   | Valve Cover Kit                                                                     |
| 197  | 951-12201   | Gasket Kit - External<br>(Incl.113,130,136,137,138,114,160)                         |
| 198  | 951-12204   | Gasket Kit - Complete<br>(Incl.47,50,58,74,113,118,130,<br>136,137,138,144,160,172) |
| 199  | 952Z4P90JUB | Complete Engine                                                                     |

## 4P90JUB Crankshaft & Crankcase Cover



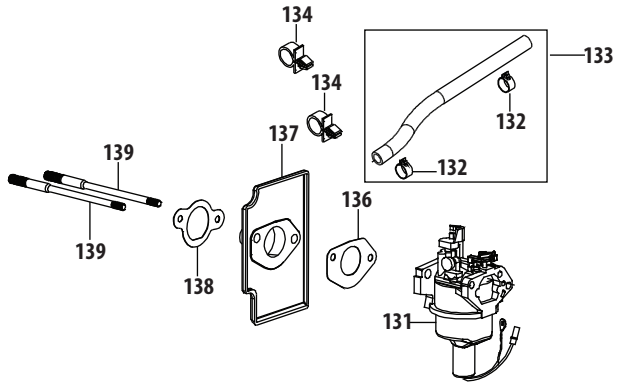


## 4P90JUB Crankshaft & Crankcase Cover

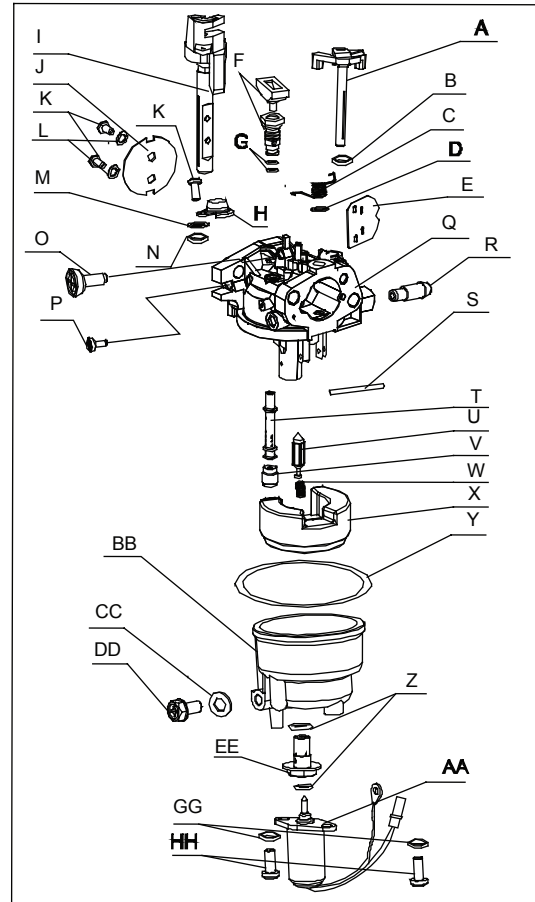
| Ref. | Part Number | Description                |
|------|-------------|----------------------------|
| 5    | 951-11622   | Flexible Clamp             |
| 75   | 951-12238   | Crankshaft Assembly        |
| 76   | 951-11969   | Main Bearing               |
| 77   | 951-10307   | Woodruff Key               |
| 79   | 951-12239   | Dipstick Assembly          |
| 80   | 951-12241   | Upper O-Ring               |
| 81   | 951-12363   | Lower O-Ring               |
| 82   | 951-12240   | Oil Fill Tube Assembly     |
| 83   | 710-04980   | Bolt M6×35                 |
| 84   | 710-05311   | Oil Drain Plug             |
| 85   | 951-12242   | Regulator                  |
| 86   | 715-04121   | Dowel Pin 8×14             |
| 87   | 951-12243   | Ball 6.35                  |
| 88   | 951-12244   | Spring                     |
| 89   | 710-05312   | Bolt                       |
| 90   | 736-04557   | Crankshaft Thrust Washer   |
| 91   | 951-12245   | Balanceable Shaft Bearing  |
| 92   | 751-12246   | Balanceable Shaft Assembly |
| 93   | 736-04559   | Balanceable Thrust Washer  |

| Ref. | Part Number | Description                                                                    |
|------|-------------|--------------------------------------------------------------------------------|
| 98   | 951-12248   | Oil Pump Assembly                                                              |
| 99   | 951-12247   | O-Ring 10×2.65                                                                 |
| 100  | 951-12249   | Filter                                                                         |
| 101  | 951-12250   | Filter Spring                                                                  |
| 102  | 951-12251   | O-Ring 35.5×2.65                                                               |
| 103  | 951-12252   | Filter Cover                                                                   |
| 104  | 951-11956   | Governor Gear/Shaft Assembly                                                   |
| 112  | 710-05313   | Bolt M8×15                                                                     |
| 113  | 736-04560   | Oil Drain Plug Washer                                                          |
| 114  | 951-12690   | Oil Filter                                                                     |
| 115  | 951-12253   | Screw Joint                                                                    |
| 116  | 951-12254   | Crankcase Cover                                                                |
|      | 951-12318   | Crankcase Cover Asm<br>(Incl.87,88,89,100,101,102,<br>103,104,112,113,115,116) |
| 117  | 710-04982   | Bolt M8×54                                                                     |
| 118  | 951-11375   | Lower Crankshaft Seal                                                          |
| 119  | 710-05314   | Bolt M8×43                                                                     |
| 195  | 951-12194   | Oil Drain Plug Assembly                                                        |

# 4P90JUB Carburetor Assembly



200 - Carburetor Kit - Major

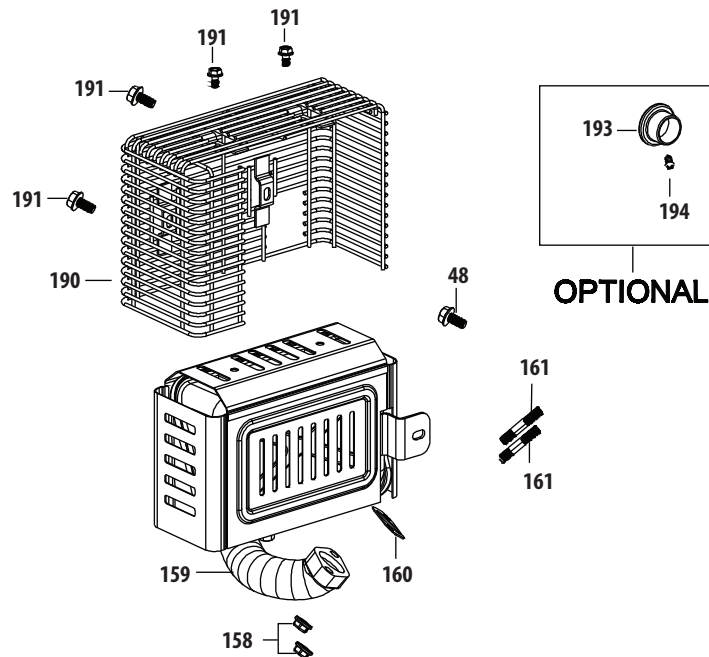


## 4P90JUB Carburetor Assembly

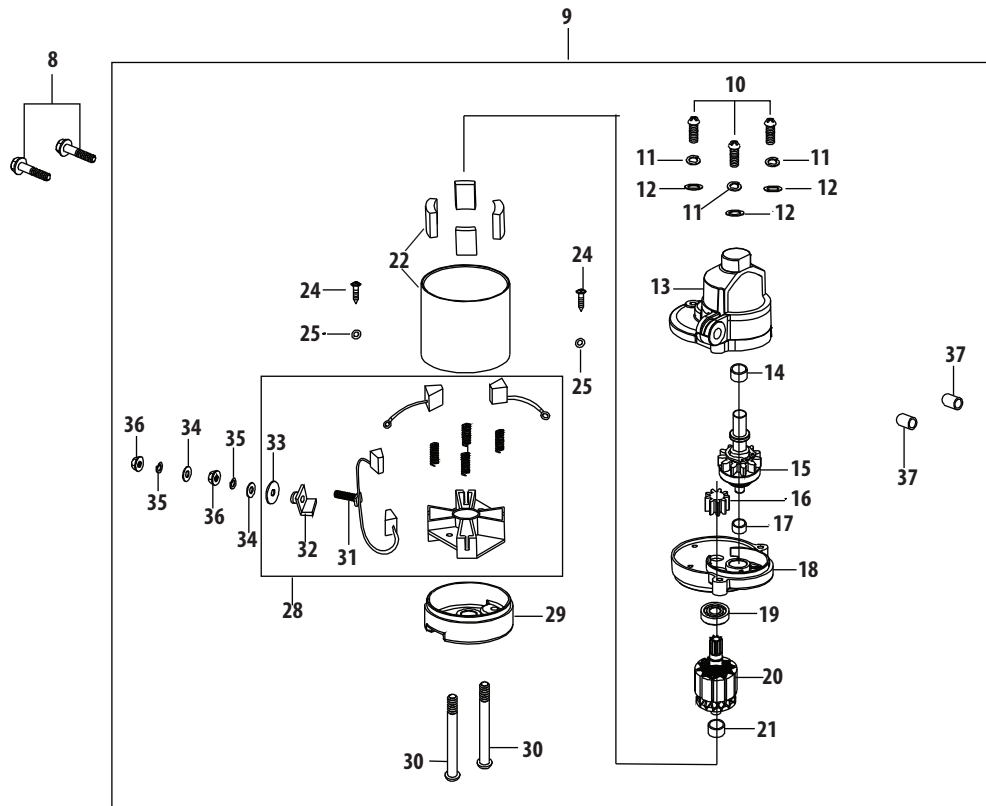
| Ref. | Part Number | Description                                                      |
|------|-------------|------------------------------------------------------------------|
| 131  | 951-12771A  | Carburetor Assembly                                              |
| 132  | 951-11731   | Fuel Hose Clamp                                                  |
| 133  | 951-11336   | Fuel Line Kit                                                    |
| 134  | 723-04071   | Plastic Support Clamp                                            |
| 136  | 951-12261   | Carburetor Gasket                                                |
| 137  | 951-12262   | Carburetor Insulator                                             |
| 138  | 951-12263   | Carburetor Insulator Gasket                                      |
| 139  | 951-12264   | Carb Stud                                                        |
| 200  | 951-14179   | Carburetor Kit - Major<br>(Incl.130,136,138,F,G,S,T,U,V,W,X,Y,Z) |
| A    | n/a         | Choke Shaft                                                      |
| B    | n/a         | Choke Shaft Fiber O-Ring                                         |
| C    | n/a         | Choke Return Spring                                              |
| D    | n/a         | Flat Steel Washer                                                |
| E    | n/a         | Choke Plate                                                      |
| F    | n/a         | Idle Jet Assembly                                                |
| G    | n/a         | Idle Jet O-Ring                                                  |
| H    | n/a         | Sheetmetal Housing                                               |
| I    | n/a         | Throttle Shaft                                                   |
| J    | n/a         | Throttle Plate                                                   |
| K    | n/a         | Screw M3×5                                                       |
| L    | n/a         | Lock Washer                                                      |
| M    | n/a         | Nylon/Plastic O-Ring                                             |

| Ref. | Part Number | Description                                                     |
|------|-------------|-----------------------------------------------------------------|
| N    | n/a         | Fiber O-Ring                                                    |
| O    | n/a         | Idle Speed Adjusting Screw                                      |
| P    | n/a         | Idle Mixture Screw                                              |
| Q    | n/a         | Carburetor Body                                                 |
| R    | n/a         | Fuel Inlet                                                      |
| S    | n/a         | Float Pin                                                       |
| T    | n/a         | Emulsion Tube                                                   |
| U    | n/a         | Needle Valve                                                    |
| V    | n/a         | Main Jet                                                        |
| W    | n/a         | Needle Valve Spring                                             |
| X    | n/a         | Float                                                           |
| Y    | n/a         | Fuel Bowl O-Ring                                                |
| Z    | n/a         | O-Ring                                                          |
| AA   | 951-14175   | Fuel Shut-off Solenoid Valve Kit<br>(Incl.130,136,138,AA,G,H,Z) |
| BB   | 951-14176   | Fuel Bowl Kit<br>(Incl.130,136,138,BB,CC,DD,EE,Y,Z)             |
| CC   | n/a         | Fuel Drain Plug Gasket                                          |
| DD   | n/a         | Fuel Drain Plug                                                 |
| EE   | n/a         | Seat/Fuel Bowl Bolt                                             |
| GG   | n/a         | Washer                                                          |
| HH   | n/a         | Screw M5×12                                                     |

## 4P90JUB Muffler Assembly



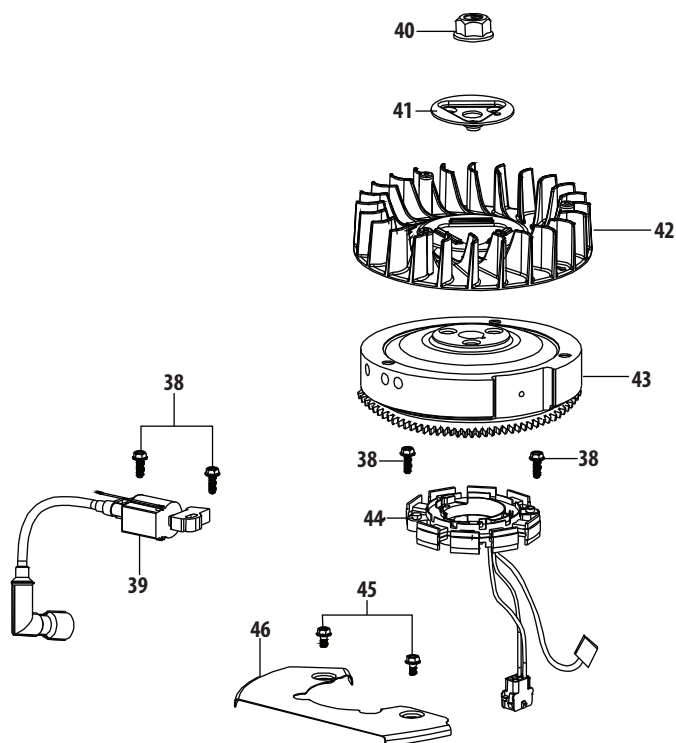
| Ref. | Part Number | Description           |
|------|-------------|-----------------------|
| 48   | 710-04916   | Bolt M6×14            |
| 158  | 712-04219   | Nut M8                |
| 159  | 951-14468   | Muffler Assembly      |
| 160  | 951-12271   | Exhaust Pipe Gasket   |
| 161  | 951-12272   | Muff Stud M8×47       |
| 161  | 951-12196   | Muffler Stud Assembly |
| 190  | 951-12278   | Wire Mesh Shield      |
| 191  | 710-05051   | Bolt M6×12            |
| 193  | 951-12329   | Spark Arrestor        |
| 194  | 710-05344   | Spark Arrestor Screw  |



| Ref. | Part Number | Description                    |
|------|-------------|--------------------------------|
| 8    | 710-05306   | Bolt M8×40                     |
| 9    | 951-12207   | Starter Assembly               |
| 10   | 710-05307   | Screw M5×25                    |
| 11   | 736-04554   | Lock Washer 5                  |
| 12   | 736-04556   | Plain Washer 6                 |
| 13   | 951-12208   | Electrical Starter Front Cover |
| 14   | 951-12211   | Bearing                        |
| 15   | 951-12210   | Pinion/Clutch Assembly         |
| 16   | 951-12312   | Gear                           |
| 17   | 951-12209   | Bearing                        |
| 18   | 951-12212   | Pinion Cover                   |
| 19   | 951-12214   | Bearing 6001Zz                 |
| 21   | 951-12216   | Bearing                        |

| Ref. | Part Number | Description                   |
|------|-------------|-------------------------------|
| 23   | 951-12528   | Starter Housing Assembly      |
| 24   | 951-12217   | Screw                         |
| 25   | 736-04554   | Lock Washer                   |
| 28   | 951-12529   | Brush Assembly                |
| 29   | 951-12219   | Electrical Starter Back Cover |
| 30   | 710-05308   | Bolt M6×100                   |
| 31   | 951-12324   | Bolt M6×30 Assembly           |
| 33   | 736-04555   | Insulation Washer             |
| 34   | 736-04556   | Plain Washer 6                |
| 35   | 736-04477   | Lock Washer 6                 |
| 36   | 712-04212   | Nut M6                        |
| 37   | 715-04120   | Dowel Pin 10×14               |

## 4P90JUB Ignition & Electrical



| Ref. | Part Number | Description            |
|------|-------------|------------------------|
| 38   | 710-04931   | Bolt M6×28             |
| 39   | 951-12220   | Ignition Coil Assembly |
| 40   | 712-04220   | Flywheel Nut M16×1.5   |
| 41   | 951-12221   | Plate                  |
| 42   | 951-12222A  | Cooling Fan            |
| 43   | 951-12223   | Flywheel               |
| 44   | 951-12224   | Coil Assy. Charge      |
| 45   | 710-04940   | Bolt M6×10             |
| 46   | 951-12279   | Cowl                   |

[illegible]



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