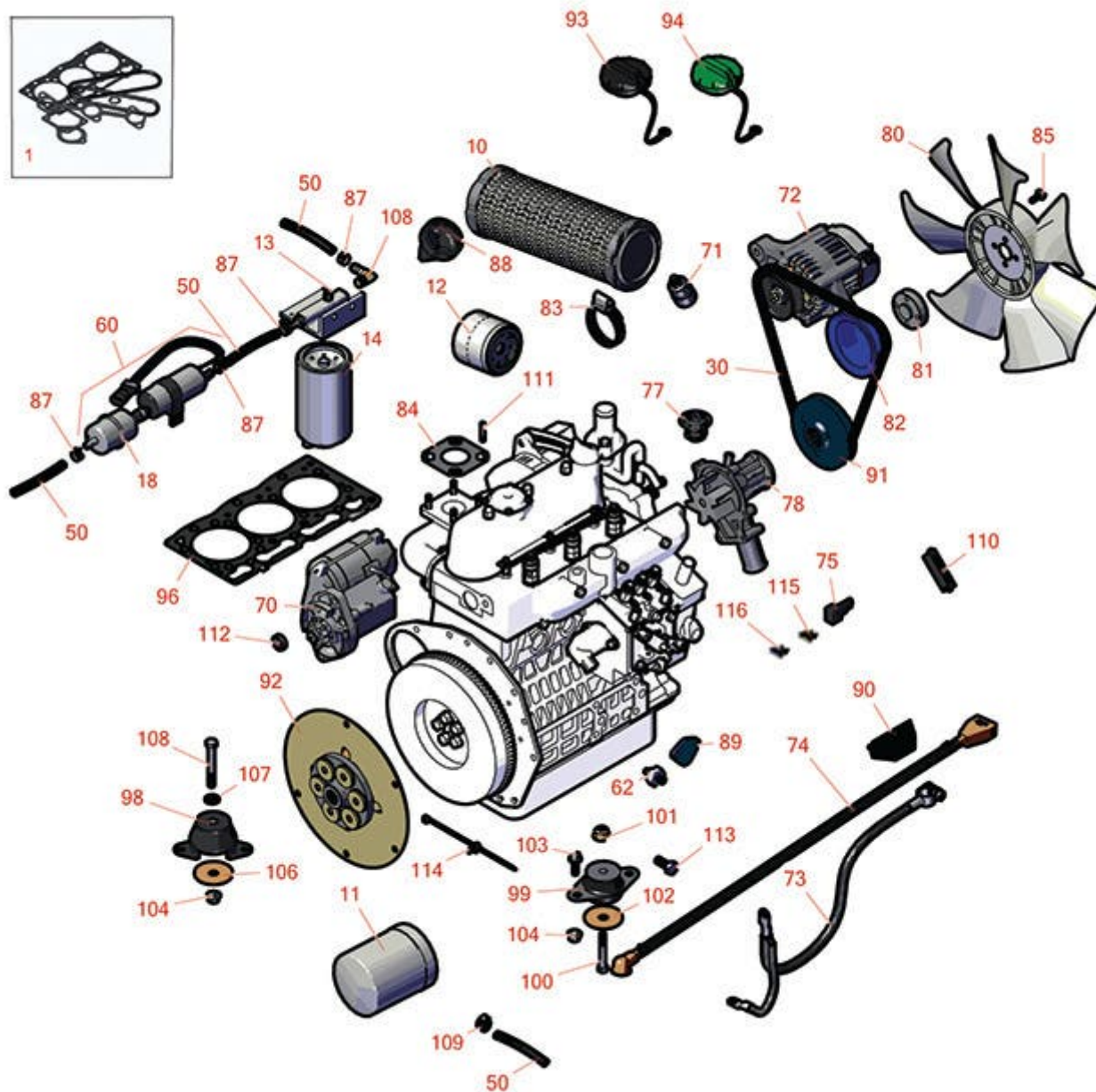




# Replaces Toro Groundsmaster 360

## Parts

2WD Traction Unit - Models 31201, 31228, 31229 & 31230  
Engine



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# Replaces Toro Groundsmaster 360 Parts

2WD Traction Unit - Models 31201, 31228, 31229 & 31230  
Engine



| Item No                                    | R&R Part No.        | OEM Part No.                                                           | Description                          | Qty Req | Order Quantity |
|--------------------------------------------|---------------------|------------------------------------------------------------------------|--------------------------------------|---------|----------------|
| <b>Overhaul kits</b>                       |                     |                                                                        |                                      |         |                |
| 1                                          | <b>R107-7848</b>    | 107-7848                                                               | Upper Gasket Kit                     | 1       |                |
| <i>Tech Note: Fits 31228 / 31229 only:</i> |                     |                                                                        |                                      |         |                |
| <b>Filters</b>                             |                     |                                                                        |                                      |         |                |
| 10                                         | <b>R5000919</b>     | 108-3810,<br>1083810,<br>98-9763,<br>989763                            | Baldwin Air Filter Element           | 1       |                |
| 10                                         | <b>RRF10143</b>     | 108-3810,<br>1083810,<br>98-9763,<br>989763                            | SilverGuard Air Filter Element       | 1       |                |
| 11                                         | <b>R108-5194</b>    | 108-5194                                                               | Oil Filter - Hyd                     | 1       |                |
| 12                                         | <b>R42-9030</b>     | 104-5167,<br>108-3841,<br>127-0511,<br>42-9030,<br>67-4330,<br>98-9651 | Baldwin Oil Filter - Engine          | 1       |                |
| 12                                         | <b>RRF10607</b>     | 104-5167,<br>108-3841,<br>42-9030,<br>99-8384                          | SilverGuard Oil Filter - 3 3/4" Long | 1       |                |
| 12                                         | <b>RRF10606</b>     | 108-3841,<br>67-4330,<br>98-9651                                       | SilverGuard Oil Filter - 2 3/4" Long | 1       |                |
| 12                                         | <b>RX7000074034</b> | 99-8384                                                                | Kubota Oil Filter                    | 1       |                |
| 13                                         | <b>R110-9044</b>    | 110-9044,<br>125-2914                                                  | Donaldson Water/Fuel Separator Assy  | 1       |                |
| 14                                         | <b>R110-9049</b>    | 110-9049                                                               | Donaldson Fuel Filter - Spin On      | 1       |                |

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# Replaces Toro Groundsmaster 360 Parts

2WD Traction Unit - Models 31201, 31228, 31229 & 31230  
Engine



| Item No | R&R Part No.     | OEM Part No.                       | Description                      | Qty Req | Order Quantity |
|---------|------------------|------------------------------------|----------------------------------|---------|----------------|
| 14      | <b>RRF10515</b>  | 105-8045,<br>108-3854,<br>110-9049 | SilverGuard Fuel Filter          | 1       |                |
| 18      | <b>R112-7836</b> | 112-7836,<br>RR ONLY               | Baldwin Fuel Filter - in Line    | 1       |                |
| 18      | <b>RRF10534</b>  | 112-7836,<br>RR ONLY,<br>RRONLY    | SilverGuard Fuel Filter - Inline | 1       |                |

## Belts

|    |                     |                      |               |   |  |
|----|---------------------|----------------------|---------------|---|--|
| 30 | <b>RX1628297010</b> | 127-0426,<br>98-9676 | Kubota V-Belt | 1 |  |
|----|---------------------|----------------------|---------------|---|--|

*Tech Note: Fits 31201 / 31228 / 31229 only:*

## Hoses

|    |                  |                                   |             |   |  |
|----|------------------|-----------------------------------|-------------|---|--|
| 50 | <b>R108-3284</b> | 108-3284,<br>93-3949              | Hose - Fuel | 2 |  |
| 50 | <b>R109-0275</b> | 109-0275,<br>83-2041              | Hose - Fuel | 1 |  |
| 50 | <b>R110-3257</b> | 110-3257,<br>63-7630              | Hose-Fuel   | 1 |  |
| 50 | <b>R110-4101</b> | 110-4101                          | Hose-Fuel   | 1 |  |
| 50 | <b>R110-3958</b> | 110-3958                          | Hose-Fuel   | 1 |  |
| 50 | <b>R110-4109</b> | 104-0076,<br>110-4109,<br>56-2241 | Hose-Fuel   | 1 |  |

*Tech Note: Fits 31230 only:*

|    |                  |          |           |   |  |
|----|------------------|----------|-----------|---|--|
| 50 | <b>R110-6187</b> | 110-6187 | Hose-Fuel | 1 |  |
| 50 | <b>R110-4105</b> | 110-4105 | Fuel Hose | 1 |  |

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# Replaces Toro Groundsmaster 360 Parts

2WD Traction Unit - Models 31201, 31228, 31229 & 31230  
Engine



| Item No                                                     | R&R Part No.        | OEM Part No.                     | Description                      | Qty Req | Order Quantity |
|-------------------------------------------------------------|---------------------|----------------------------------|----------------------------------|---------|----------------|
| 50                                                          | <b>R121-7914</b>    | 121-7914                         | Fuel Hose                        | 1       |                |
| <i>Tech Note: Fits 31230 only:</i>                          |                     |                                  |                                  |         |                |
| 50                                                          | <b>R106-1126</b>    | 106-1126,<br>19-3250,<br>71-3381 | Hose-Fuel                        | 1       |                |
| <b>Gauges and Controls</b>                                  |                     |                                  |                                  |         |                |
| 60                                                          | <b>R110-8806</b>    | 110-8806                         | Fuel Pump and Filter Assy        | 1       |                |
| 62                                                          | <b>RX1545139012</b> | 98-9416                          | Kubota Sensor - Oil Pressure     | 1       |                |
| <b>Other Parts Available</b>                                |                     |                                  |                                  |         |                |
| 70                                                          | <b>RX3756063010</b> | 98-9705                          | Kubota Starter                   | 1       |                |
| 71                                                          | <b>R93-9164</b>     | 93-9164                          | Indicator - Service - Air Filter | 1       |                |
| 72                                                          | <b>R117-5541</b>    | 117-5541                         | Alternator Assy                  | 1       |                |
| <i>Tech Note: Fits 31230 / 31230N only:</i>                 |                     |                                  |                                  |         |                |
| 72                                                          | <b>RX1624164012</b> | 98-9474                          | Kubota Alternator - Assy 40A     | 1       |                |
| <i>Tech Note: Fits 31201 / 31228 / 31229 only:</i>          |                     |                                  |                                  |         |                |
| 72                                                          | <b>R131-6557</b>    | 131-6557                         | Alternator Assy                  | 1       |                |
| <i>Tech Note: Fits 31201 / 31228 / 31229 only:</i>          |                     |                                  |                                  |         |                |
| 73                                                          | <b>R105-0040</b>    | 105-0040                         | Cable- Battery- Negative         | 1       |                |
| <i>Tech Note: Fits 31228 / 31229 / 31230 / 31230N only:</i> |                     |                                  |                                  |         |                |
| 74                                                          | <b>R104-0086</b>    | 104-0086,<br>43-4030             | Cable- Battery - Positive        | 1       |                |
| 75                                                          | <b>R100-4918</b>    | 100-4918                         | Diode                            | 1       |                |

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# Replaces Toro Groundsmaster 360 Parts

2WD Traction Unit - Models 31201, 31228, 31229 & 31230  
Engine



| Item No                            | R&R Part No.        | OEM Part No.                                              | Description                   | Qty Req | Order Quantity |
|------------------------------------|---------------------|-----------------------------------------------------------|-------------------------------|---------|----------------|
| 77                                 | <b>RX1943473014</b> | 105-2881,<br>120-5825,<br>98-7438,<br>98-7778,<br>98-9715 | Kubota Thermostat Assy        | 1       |                |
| 78                                 | <b>R107-9089</b>    | 104-4885,<br>107-9089,<br>108-4426                        | Water Pump Assy               | 1       |                |
| 80                                 | <b>R104-4246</b>    | 107-9096                                                  | Fan - Engine                  | 1       |                |
| 80                                 | <b>RX1628374110</b> | 104-4246,<br>99-3461                                      | Kubota Fan                    | 1       |                |
| 81                                 | <b>R105-0000</b>    | 104-4247,<br>105-0000                                     | Spacer-Fan                    | 1       |                |
| 82                                 | <b>RX1624174250</b> | 110-0972,<br>98-9584,<br>99-3453                          | Kubota Pulley - Fan           | 1       |                |
| 83                                 | <b>R2412-130</b>    | 2412-130,<br>2412-92                                      | Clamp - Hose 1 5/16-2 1/2     | 4       |                |
| 84                                 | <b>RX1526312370</b> | 98-9611,<br>99-8343                                       | Kubota Gasket - Muffler       | 1       |                |
| 86                                 | <b>R33103-020</b>   | 33103-020                                                 | Bolt - Hex Washer M6-1.0 x 20 | 1       |                |
| 87                                 | <b>R92-2379</b>     | 92-2379                                                   | Clamp - Hose                  | 2       |                |
| 88                                 | <b>R87-9400</b>     | 104-0498,<br>87-9400                                      | Valve - Vacuator              | 1       |                |
| <i>Tech Note: Fits 31230 only:</i> |                     |                                                           |                               |         |                |
| 89                                 | <b>R99-3514</b>     | 99-3514                                                   | Cover                         | 1       |                |
| 90                                 | <b>R66-2490</b>     | 66-2490                                                   | Retainer - Battery            | 1       |                |
| 91                                 | <b>RX1624974280</b> | 105-3745                                                  | Kubota Fan Drive Pulley       | 1       |                |

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# Replaces Toro Groundsmaster 360 Parts

2WD Traction Unit - Models 31201, 31228, 31229 & 31230  
Engine



| Item No                                            | R&R Part No.     | OEM Part No.                                                   | Description                    | Qty Req | Order Quantity |
|----------------------------------------------------|------------------|----------------------------------------------------------------|--------------------------------|---------|----------------|
| <i>Tech Note: Fits 31230 / 31230N only:</i>        |                  |                                                                |                                |         |                |
| 92                                                 | <b>R110-9729</b> | 105-0101,<br>110-9729                                          | Flywheel & Coupling            | 1       |                |
| 93                                                 | <b>R115-5305</b> | 115-5305                                                       | Fuel Cap - Diesel              | 1       |                |
| 94                                                 | <b>R93-3102</b>  | 107-2172,<br>93-3102                                           | Fuel Cap - Diesel - Green      | 1       |                |
| 96                                                 | <b>R108-6573</b> | 108-6573                                                       | Gasket - Cylinder Head         | 1       |                |
| <i>Tech Note: Fits 31201 / 31228 / 31229 only:</i> |                  |                                                                |                                |         |                |
| 98                                                 | <b>R107-2289</b> | 107-2289                                                       | Mount - Motor                  | 2       |                |
| 99                                                 | <b>R130-2486</b> | 130-2486,<br>53-9681                                           | Mount - Motor                  | 2       |                |
| <i>Tech Note: Fits 31230 only:</i>                 |                  |                                                                |                                |         |                |
| 100                                                | <b>R322-11</b>   | 01-150-0390,<br>01-178-0518,<br>20-31-AD,<br>322-11,<br>3223-7 | Bolt - 5/16-18 x 2 1/4 Hx HD   | 2       |                |
| 101                                                | <b>R114-8417</b> | 114-8417                                                       | Locknut - 7/16-14 Nylon Hx Fl  | 2       |                |
| 102                                                | <b>R87-5100</b>  | 87-5100                                                        | Washer - Snubbing              | 2       |                |
| 103                                                | <b>R3234-42</b>  | 3234-42                                                        | Bolt - 3/8-16 x 1 Hx HD Fl     | 4       |                |
| 104                                                | <b>R104-8301</b> | 104-8301,<br>104-9301,<br>109-6658,<br>133-7570                | Locknut - 3/8-16 Nylon Flanged | 6       |                |
| 106                                                | <b>R80-8560</b>  | 80-8560                                                        | Washer - Hardened              | 2       |                |

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2WD Traction Unit - Models 31201, 31228, 31229 & 31230  
Engine



| Item No | R&R Part No. | OEM Part No.                                                                                                                                                                                                                                                                                                                   | Description                    | Qty Req | Order Quantity |
|---------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------|----------------|
| 107     | R453011      | 01-166-0100,<br>01-166-0120,<br>01-166-0270,<br>01-166-0500,<br>01-166-0600,<br>01-166-0620,<br>132-4593,<br>2356-3,<br>237-12,<br>24-10-AD,<br>24-11-AD,<br>24-11-BD,<br>24-12-AD,<br>24-12-BD,<br>30-9310,<br>32-8190,<br>3256-24,<br>3256-3,<br>3256-36,<br>3256-4,<br>453011,<br>47-9950,<br>48-9220,<br>513458,<br>7-0052 | Washer - Flat 3/8 SAE Y/Zinc   | 2       |                |
| 108     | R353-781     | 353-781                                                                                                                                                                                                                                                                                                                        | Fitting-Elbow                  | 2       |                |
| 109     | R2412-108    | 2412-108,<br>97406                                                                                                                                                                                                                                                                                                             | Clamp - Worm - 1/4 - Stainless | 1       |                |
| 110     | R58-4250     | 58-4250,<br>99-3497                                                                                                                                                                                                                                                                                                            | Catch - Magnetic               | 1       |                |
| 111     | R98-7769     | 98-7769                                                                                                                                                                                                                                                                                                                        | Stud                           | 4       |                |
| 112     | R98-7743     | 98-7743                                                                                                                                                                                                                                                                                                                        | Bearing                        | 1       |                |
| 113     | R43-0090     | 43-0090,<br>95-8812                                                                                                                                                                                                                                                                                                            | Bolt - 10mm x 1.25 x 25 Hex HD | 8       |                |
| 114     | R32180-030   | 32180-030                                                                                                                                                                                                                                                                                                                      | Clip-Harness                   | 2       |                |

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## Replaces Toro Groundsmaster 360 Parts

*2WD Traction Unit - Models 31201, 31228, 31229 & 31230  
Engine*



| Item No | R&R Part No.    | OEM Part No.                  | Description       | Qty Req | Order Quantity |
|---------|-----------------|-------------------------------|-------------------|---------|----------------|
| 115     | <b>R150812</b>  | 109102,<br>109355,<br>218-581 | Fuse - 15 Amp     | 2       |                |
| 116     | <b>R94-6710</b> | 94-6710                       | Fuse-Blade, 2 Amp | 1       |                |

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