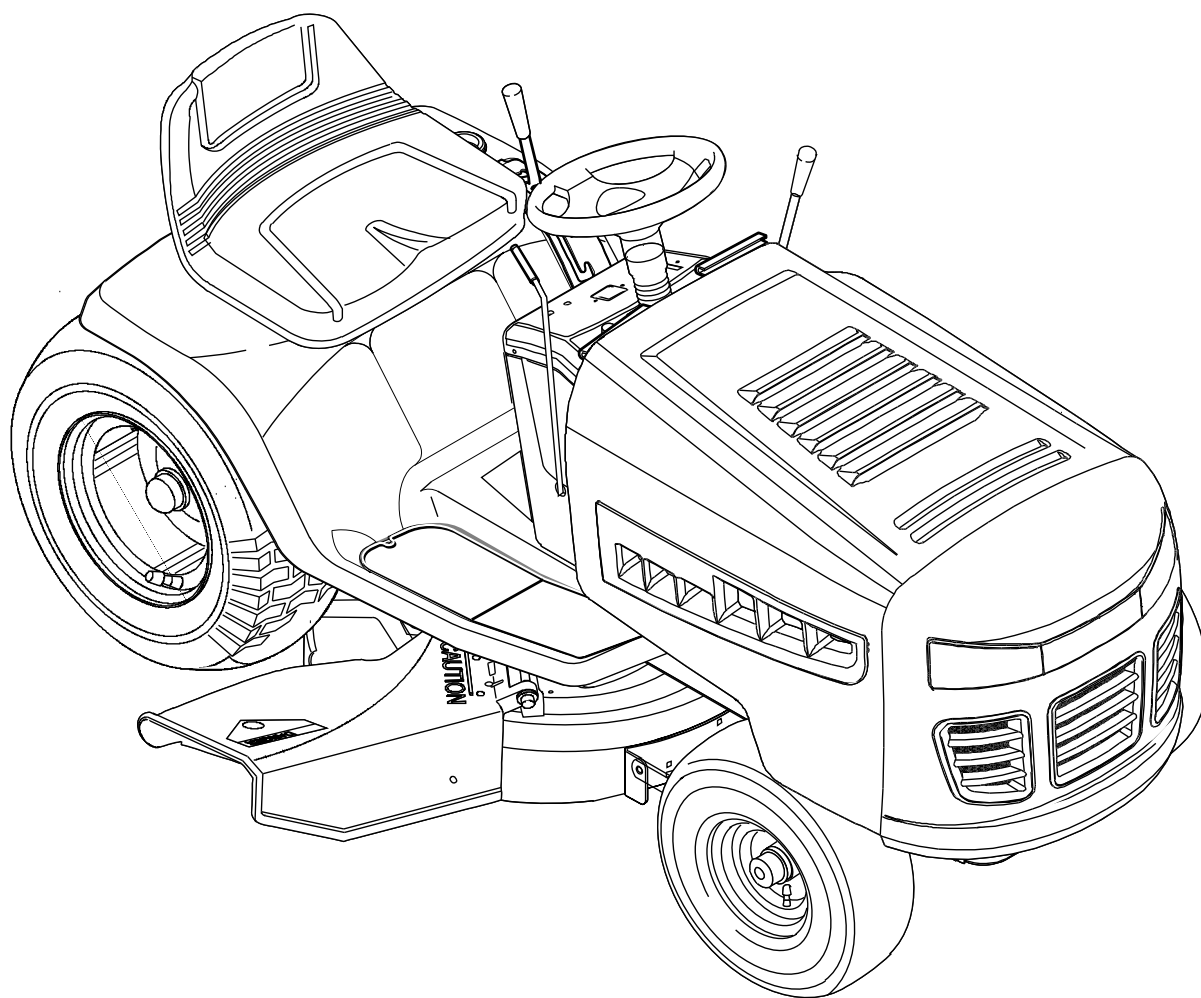




# Parts List

Model  
**7800283**



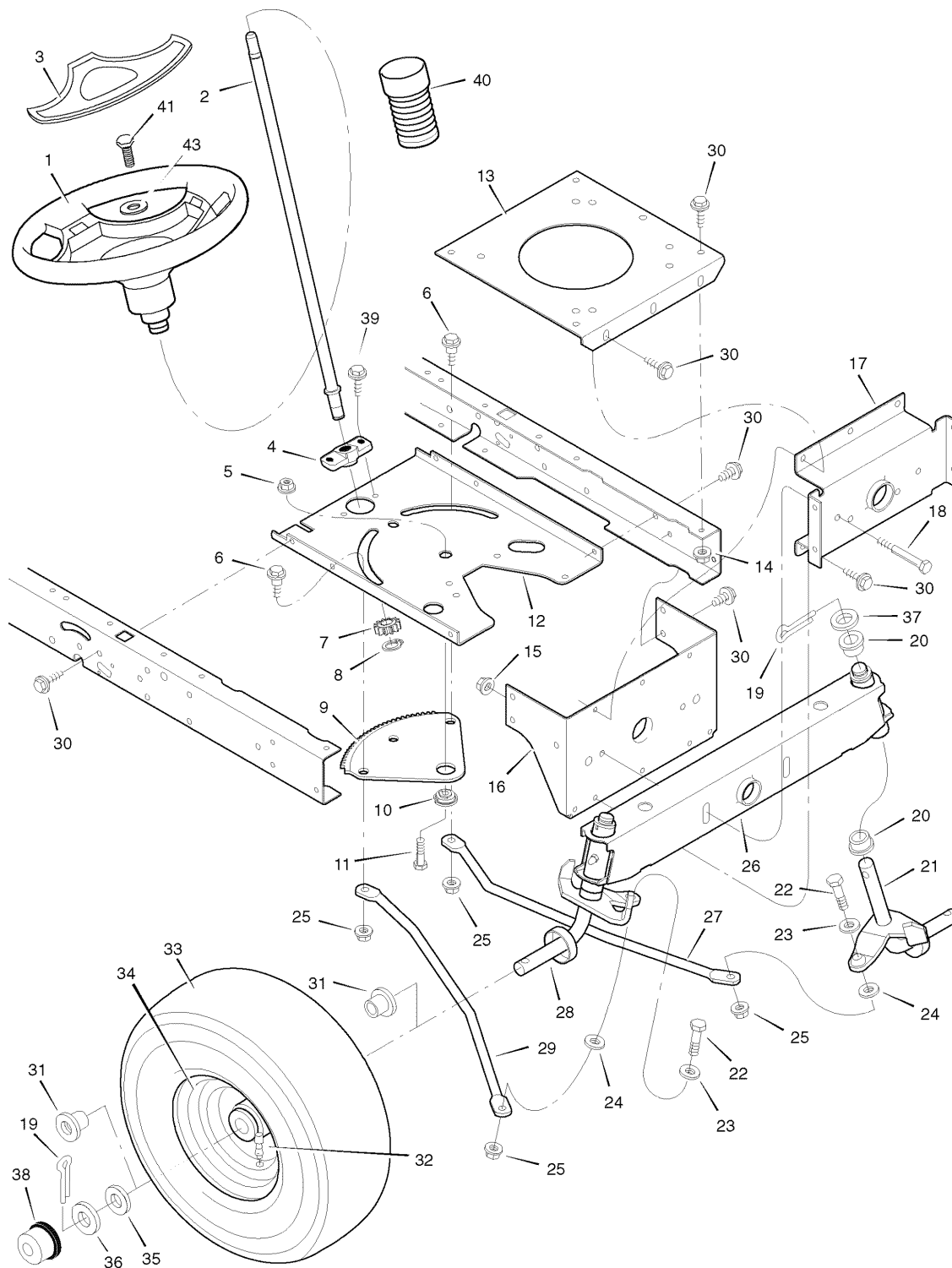
7102113  
Revision 00  
Rev. Date 05/2008  
TP 400-4914-00-LT-R



| <b>PRODUCT COMPONENTS</b>               | <b>PAGES</b>             |
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## Steering

**NOTE:** Unless noted otherwise,  
use the standard hardware torque  
specification chart.



**The above parts group applies to the following Mfg. Nos.:**  
7800283 - 465307x51

## Steering

| REF NO | PART NO.      | DESCRIPTION                             |
|--------|---------------|-----------------------------------------|
| 1      | 1001981MA     | Wheel, Steering                         |
| 2      | 690625MA      | Post, Steering                          |
| 3      | 1001982MA     | Cover, Steering Wheel                   |
| 4      | 094124MA      | Bearing (Included with Ref. No. 2)      |
| 5      | 15X111MA      | Nut, Flange (Included with Ref. No. 2)  |
| 6      | 009X57MA      | Bolt, Shoulder                          |
| 7      | 1001893MA     | Gear, Pinion (Included with Ref. No. 2) |
| 8      | 011X25MA      | Ring, Snap (Included with Ref. No. 2)   |
| 9      | 094121MA      | Gear, Sector                            |
| 10     | 094123MA      | Bearing                                 |
| 11     | 001X84MA      | Bolt                                    |
| 12     | 1001121E701MA | Plate, Steering                         |
| 13     | 094006E701MA  | Plate, Engine                           |
| 14     | 015X88MA      | Nut, Flange                             |
| 15     | 15X118MA      | Nut, Flange                             |
| 16     | 1001270E701MA | Bracket, Hanger                         |
| 17     | 094007E701MA  | Axle, Hanger                            |
| 18     | 01X146MA      | Bolt                                    |
| 19     | 030X49MA      | Pin, Cotter                             |
| 20     | 690150MA      | Bearing                                 |
| 21     | 094576E701MA  | Spindle Assembly, Left                  |
| 22     | 01X111MA      | Bolt                                    |
| 23     | 710083MA      | Washer                                  |
| 24     | 017X53MA      | Washer                                  |
| 25     | 015X84MA      | Nut, Flange                             |
| 26     | 1001460E701MA | Axle Assembly                           |
| 27     | 095329E701MA  | Drag Link, Left                         |
| 28     | 094575E701MA  | Spindle Assembly, Right                 |
| 29     | 095328E701MA  | Drag Link, Right                        |
| 30     | 26X249MA      | Screw                                   |
| 31     | 91334MA       | Bearing Wheel                           |
| 32     | 024373MA      | Stem, Valve                             |
| 33     | 091912MA      | Tire *                                  |
| --     | 407924MA      | Tube                                    |
| 34     | 094581650MA   | Wheel and Tire Assembly                 |
| 35     | 17X195MA      | Washer                                  |
| 36     | 17X192MA      | Washer                                  |
| 37     | 17X113MA      | Washer                                  |
| 38     | 094618MA      | Hub Cap                                 |
| 39     | 26X267MA      | Screw                                   |
| 40     | 092059MA      | Bellows                                 |
| 41     | 0025X3MA      | Screw, Hex                              |
| 43     | 17X146MA      | Washer                                  |

### Footnotes

Note\* When you order a tire, make sure to give the brand name of the tire so that the tread pattern on the tire will match.

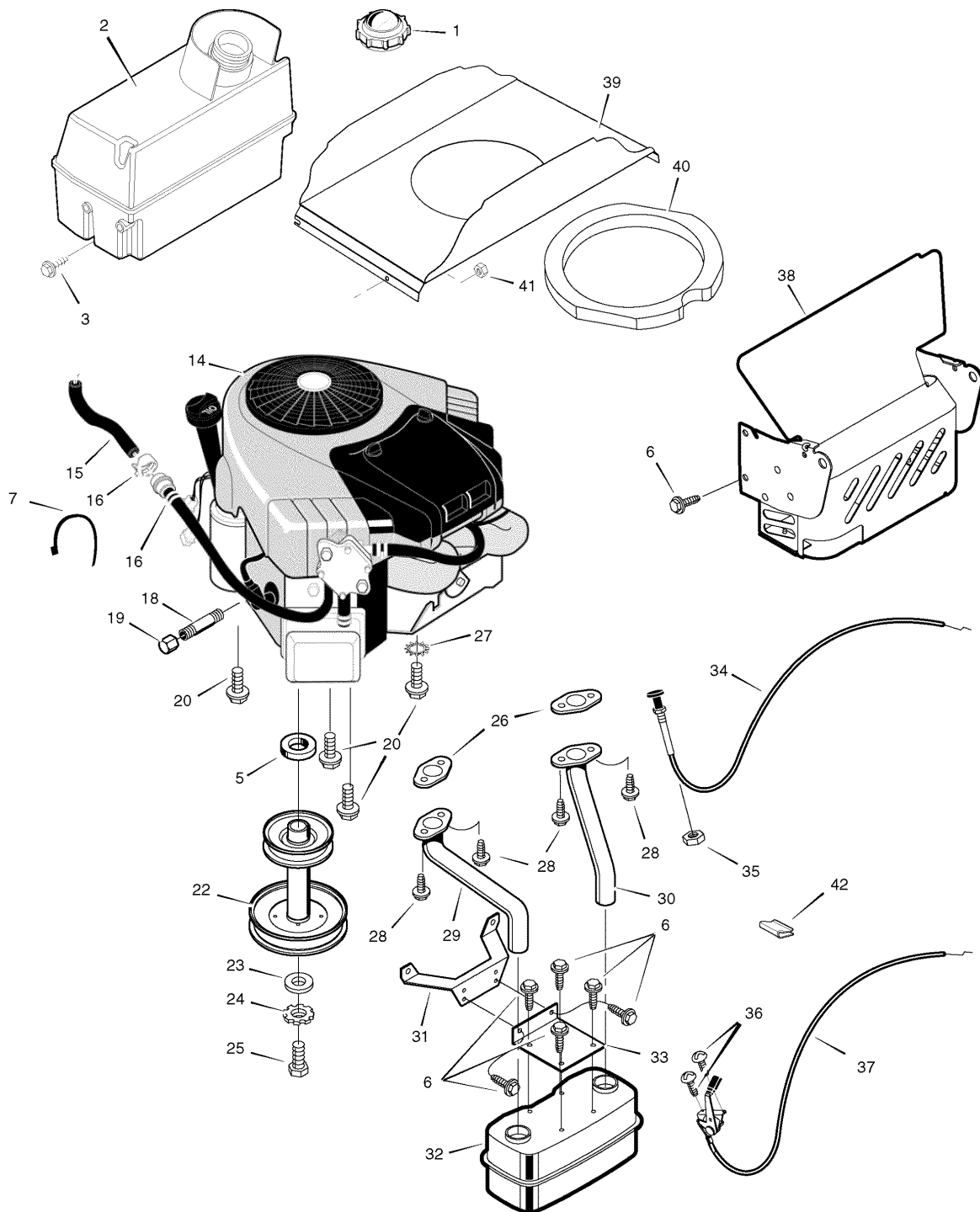
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The above parts group applies to the following Mfg. Nos.:

7800283 - 465307x51

## Engine Mount

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.



The above parts group applies to the following Mfg. Nos.:  
7800283 - 465307x51

## Engine Mount

| REF NO | PART NO.      | DESCRIPTION                          |
|--------|---------------|--------------------------------------|
| 1      | 092317MA      | Cap, Fuel (Included with Ref. No. 2) |
| 2      | 7601093MA     | Tank, Fuel                           |
| 3      | 26X253MA      | Screw                                |
| 5      | 093077MA      | Spacer, Engine                       |
| 6      | 26X263MA      | Screw                                |
| 7      | 032618MA      | Tie Strap                            |
| 14     | -----         | Engine * (Model: 4416770144B1)       |
| 15     | 7601033MA     | Fuel Line (Must cut to length)       |
| 16     | 095197MA      | Clamp (Included with Ref. No. 2)     |
| 18     | 092279MA      | Pipe, Oil Drain                      |
| 19     | 021651ZMA     | Cap, Oil Drain                       |
| 20     | 0025X7MA      | Bolt                                 |
| 22     | 1001136MA     | Pulley, Stack                        |
| 23     | 17X170MA      | Washer                               |
| 24     | 019X35MA      | Lockwasher                           |
| 25     | 01X140MA      | Bolt                                 |
| 26     | 711851MA      | Gasket                               |
| 27     | 0019X8MA      | Washer, Star                         |
| 28     | 06X103MA      | Bolt                                 |
| 29     | 690541MA      | Tube, Right Exhaust                  |
| 30     | 690542MA      | Tube, Left Exhaust                   |
| 31     | 7300817ZMA    | Bracket, Muffler Mount               |
| 32     | 093259MA      | Muffler                              |
| 33     | 7300760AMA    | Bracket, Muffler                     |
| 34     | 690401MA      | Choke                                |
| 35     | 015X68MA      | Nut                                  |
| 36     | 26X201MA      | Screw                                |
| 37     | 093165MA      | Control, Throttle                    |
| 38     | 1001920E701MA | Shield Assembly, Heat                |
| 39     | 7300913YP     | Plenum                               |
| 40     | 7102138YP     | Baffle                               |
| 41     | 015X66MA      | Nut                                  |
| 42     | 055939MA      | Clip Wire                            |

### Footnotes

NOTE \* For information on Replacement Parts contact the engine manufacturer.

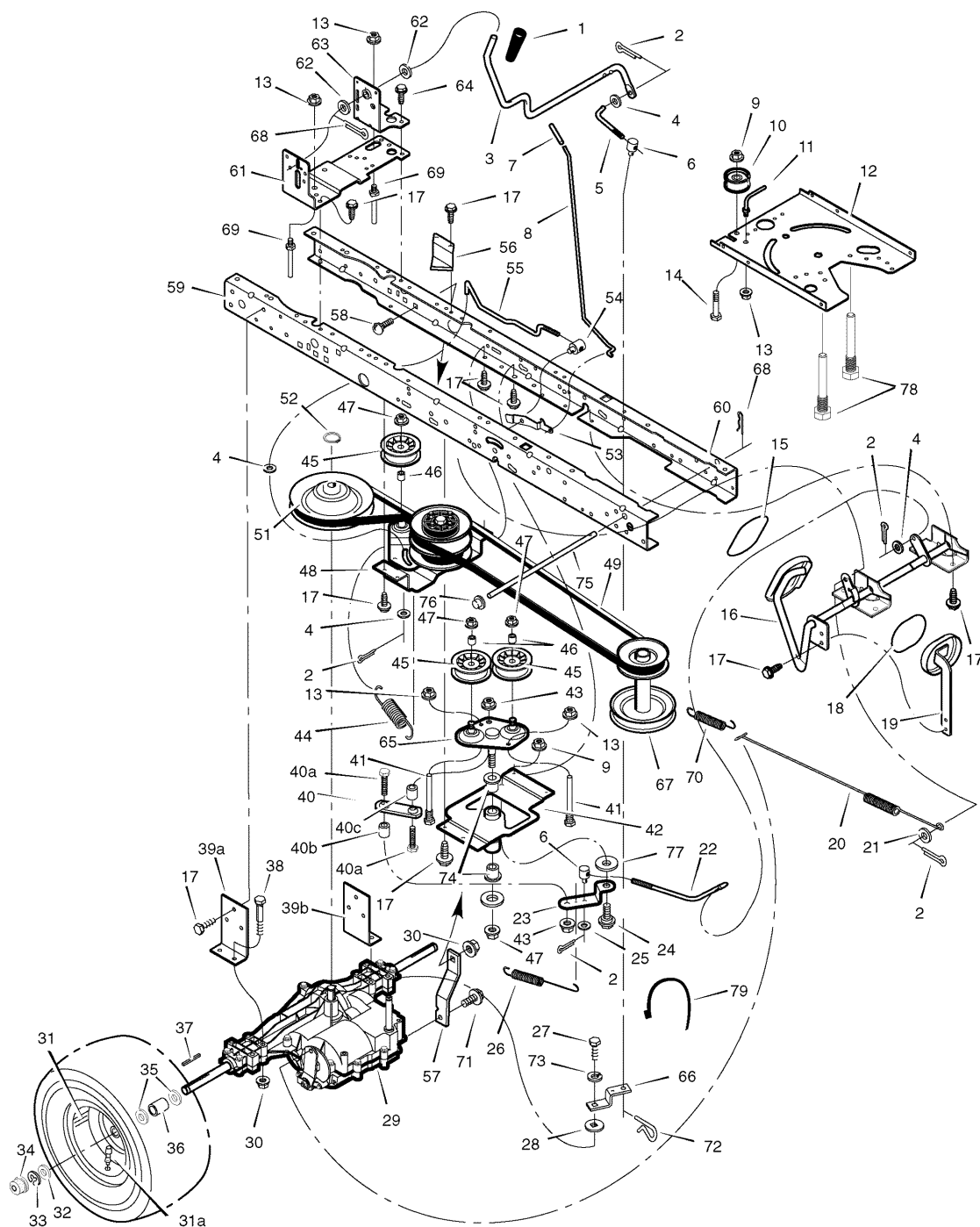
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The above parts group applies to the following Mfg. Nos.:

7800283 - 465307x51

## Motion Drive

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.



The above parts group applies to the following Mfg. Nos.:

7800283 - 465307x51

## Motion Drive

| REF NO | PART NO.      | DESCRIPTION              |
|--------|---------------|--------------------------|
| 1      | 1741756MA     | Grip, Shift              |
| 2      | 030X20MA      | Pin, Cotter              |
| 3      | 094043ZMA     | Lever, Shift             |
| 4      | 017X47MA      | Washer                   |
| 5      | 094044ZMA     | Link, Shifter            |
| 6      | 021920ZMA     | Nut, Adjuster            |
| 7      | 091079MA      | Grip                     |
| 8      | 1001245ZMA    | Rod, Parking Brake       |
| 9      | 015X84MA      | Nut                      |
| 10     | 1001187MA     | Pulley, Idler            |
| 11     | 1001122MA     | Guide, Belt              |
| 12     | 7300867ZMA    | Plate, Steering          |
| 13     | 015X79MA      | Nut                      |
| 14     | 01X111MA      | Bolt, Hex                |
| 15     | 1001138MA     | Pad, Motion Drive        |
| 16     | 1001148E701MA | Assembly, Speed Control  |
| 17     | 26X249MA      | Screw, Self Tapping      |
| 18     | 1001139MA     | Pad, Brake Pedal         |
| 19     | 1001147E701MA | Assembly, Brake Pedal    |
| 20     | 165X115MA     | Spring, Extension        |
| 21     | 17X169MA      | Washer                   |
| 22     | 1001120MA     | Rod, Speed Control       |
| 23     | 1001104ZMA    | Bellcrank                |
| 24     | 009X39MA      | Bolt, Shoulder           |
| 25     | 17X124MA      | Washer                   |
| 26     | 165X152MA     | Spring, Extension        |
| 27     | 06X105MA      | Screw, Cap               |
| 28     | 17X148MA      | Washer                   |
| 29     | -----         | Transaxle **             |
| 30     | 015X88MA      | Nut                      |
| 31     | 092300601MA   | Assembly, Wheel and Tire |
| 31a    | 024373MA      | Stem, Valve              |
| 32     | 17X195MA      | Washer                   |
| 33     | 0011X3MA      | E-Ring                   |
| 34     | 094618MA      | Hubcap                   |
| 35     | 17X160MA      | Washer                   |
| 36     | 690554ZMA     | Spacer                   |
| 37     | 021553MA      | Key, Square              |
| 38     | 01X155MA      | Bolt, Hex                |
| 39a    | 094184E701MA  | Bracket, Right Transaxle |
| 39b    | 094185E701MA  | Bracket, Left Transaxle  |
| 40     | 1001576MA     | Link, Variator           |
| 40a    | 01X194MA      | Bolt, Hex                |

### Footnotes

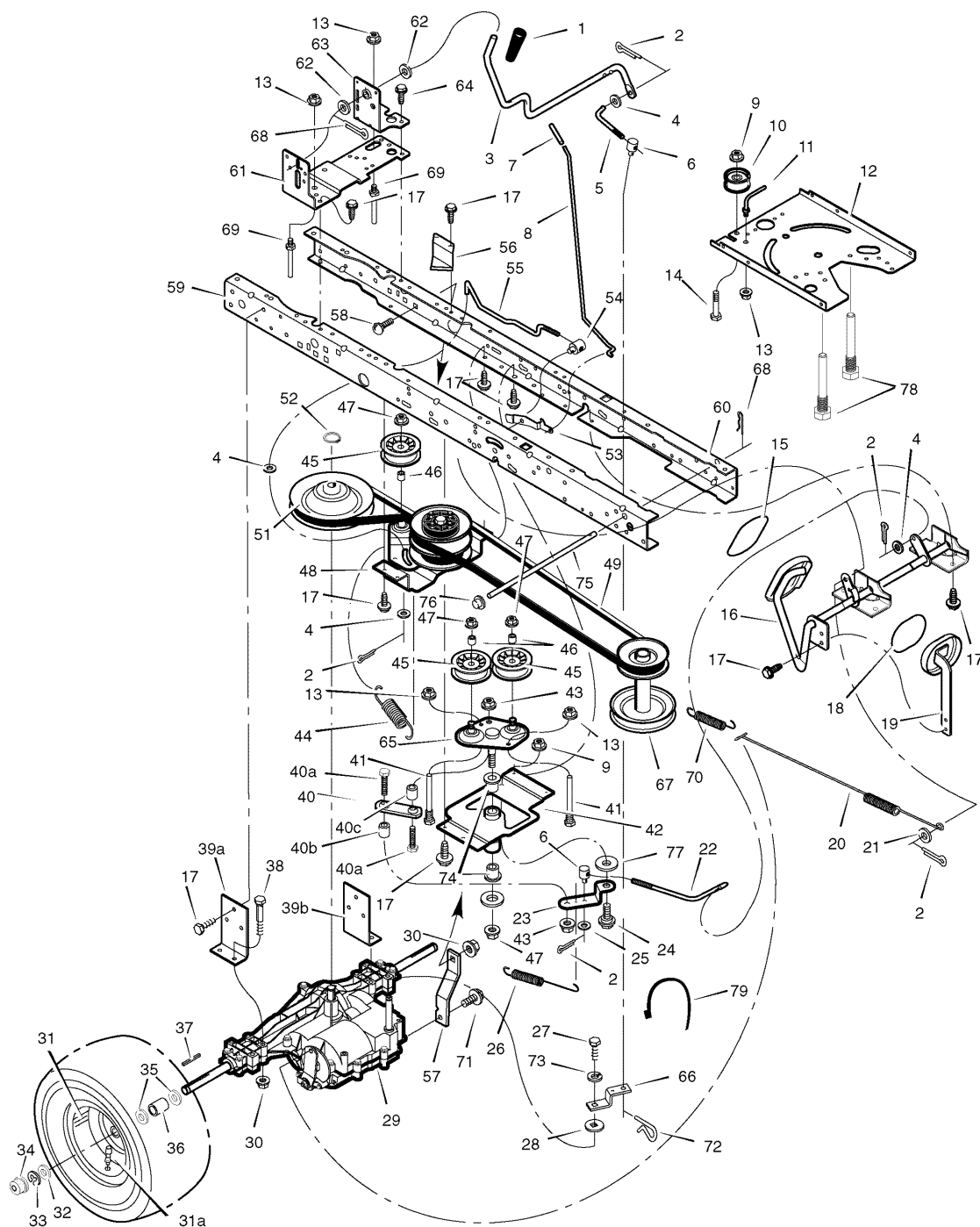
Note\*\* For information on Replacement Parts contact the transaxle manufacturer.

The above parts group applies to the following Mfg. Nos.:

7800283 - 465307x51

## Motion Drive

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.



The above parts group applies to the following Mfg. Nos.:

7800283 - 465307x51

## **Motion Drive**

| <b>REF NO</b> | <b>PART NO.</b> | <b>DESCRIPTION</b>           |
|---------------|-----------------|------------------------------|
| 40b           | 1001520MA       | Spacer, 1/2"                 |
| 40c           | 1001519MA       | Spacer, 3/4"                 |
| 41            | 093349MA        | Guide, Belt                  |
| 42            | 1001277E701MA   | Bracket, Front Frame         |
| 43            | 015X87ZMA       | Nut, Lock                    |
| 44            | 165X153MA       | Spring, Extension            |
| 45            | 690409MA        | Pulley                       |
| 46            | 690369MA        | Spacer                       |
| 47            | 015X98MA        | Nut                          |
| 48            | 1001133MA       | Assembly, Variator and Idler |
| 49            | 37X112MA        | Belt, Primary                |
| 50            | 37X113MA        | Belt, Secondary              |
| 51            | 1001106MA       | Pulley, Transaxle            |
| 52            | 0011X7MA        | Ring, Snap                   |
| 53            | 094045ZMA       | Latch, Parking Brake         |
| 54            | 094815ZMA       | Nut, Adjusting               |
| 55            | 1001145ZMA      | Rod, Clutch                  |
| 56            | 1001135ZMA      | Bracket, Brake               |
| 57            | 094433E701MA    | BRACKET, Torque Strap, LH    |
| 58            | 002X53MA        | Screw                        |
| 59            | 1001928E701MA   | Rail, Right Frame            |
| 60            | 1001927E701MA   | Rail, Left Frame             |
| 61            | 7300824ZMA      | Bracket, Right Shift         |
| 62            | 17X102MA        | Washer                       |
| 63            | 1001303ZMA      | Bracket, Shift Pivot         |
| 64            | 26X267MA        | Screw                        |
| 65            | 1002101ZMA      | Assembly, Idler              |
| 66            | 094031ZMA       | Yoke, Shift                  |
| 67            | 1001136MA       | Pulley, Stack                |
| 68            | 0031X4MA        | Pin, Hair                    |
| 69            | 1001308MA       | Guide, Belt                  |
| 70            | 165X75MA        | Spring, Return               |
| 71            | 26X216MA        | Screw                        |
| 72            | 0031X6MA        | Pin, Hair                    |
| 73            | 017X38MA        | Washer                       |
| 74            | 1101159MA       | Bearing                      |
| 75            | 1001267ZMA      | Rod, Belt Guide              |
| 76            | 028X23MA        | Nut, Push-On                 |
| 77            | 17X174ZMA       | Washer                       |
| 78            | 094384MA        | Guide Screw                  |
| 79            | 032618MA        | Tie Strap                    |

### **Footnotes**

Note\*\* For information on Replacement Parts contact the transaxle manufacturer.

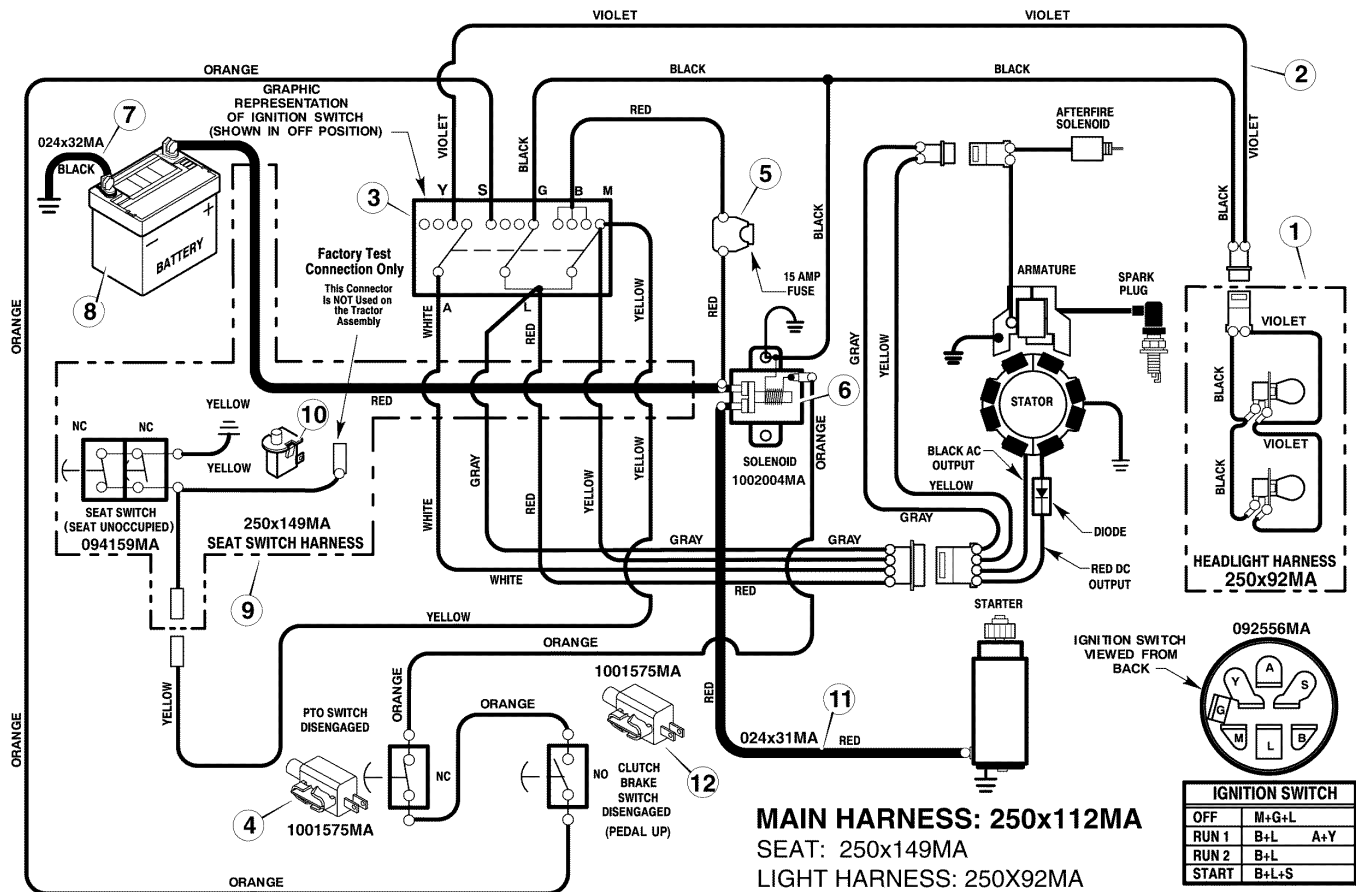
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**The above parts group applies to the following Mfg. Nos.:**

7800283 - 465307x51

## Electrical System

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.



The above parts group applies to the following Mfg. Nos.:  
 7800283 - 465307x51

## ***Electrical System***

| <b>REF NO</b> | <b>PART NO.</b> | <b>DESCRIPTION</b>                    |
|---------------|-----------------|---------------------------------------|
| 1             | 250X92MA        | Harness, Light Wire                   |
| --            | 1001716MA       | Socket, Light                         |
| --            | 090084MA        | Bulb, Light                           |
| 2             | 250X112MA       | Harness, Chassis Wire                 |
| 3             | 5412H           | Switch, Ignition                      |
| --            | 020729MA        | Key, Ignition                         |
| --            | 091489MA        | Nut, Hex                              |
| --            | 091488MA        | Cap, Ignition                         |
| 4             | 1001575MA       | Switch, Limit (PTO)                   |
| 5             | 302031MA        | Fuse                                  |
| --            | 407078MA        | Holder, Fuse                          |
| 6             | 1002004MA       | Solenoid                              |
| --            | 26X229MA        | Screw, Mounting                       |
| --            | 15X116MA        | Locknut                               |
| 7             | 024X32MA        | Cable, Battery Ground                 |
| --            | 26X213MA        | Screw, Ground Cable                   |
| 8             | -----           | Battery                               |
| --            | 002X82MA        | Bolt, Carriage                        |
| --            | 014X79MA        | Wingnut                               |
| 9             | 250X149MA       | Harness, Seat Switch Wire             |
| 10            | 094159MA        | Switch, Seat Sensor                   |
| 11            | 024X31MA        | Cable                                 |
| 12            | 1001575MA       | Switch, Select Reverse / Clutch Brake |

## **Footnotes**

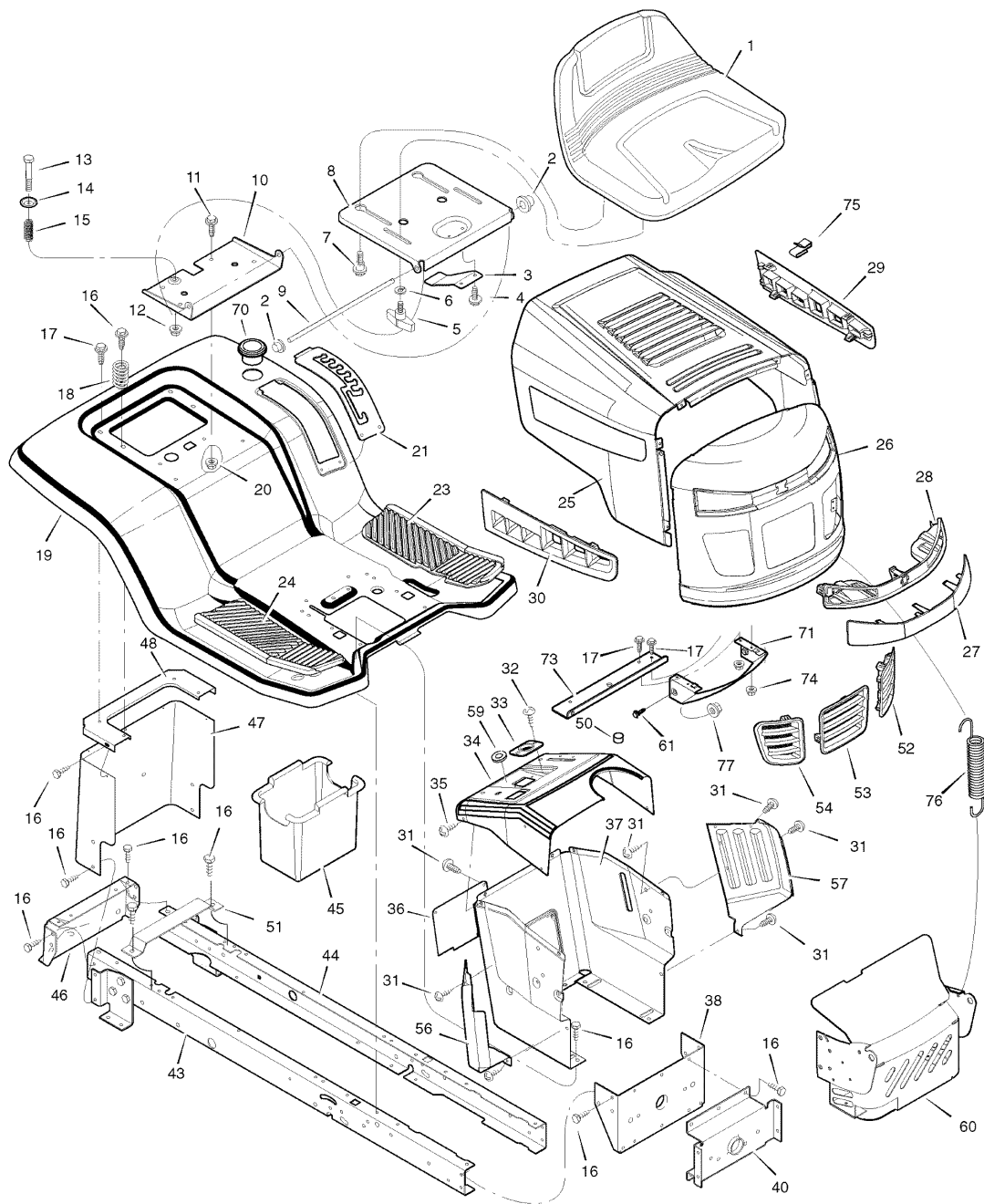
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**The above parts group applies to the following Mfg. Nos.:**

7800283 - 465307x51

## Chassis & Hood

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.



The above parts group applies to the following Mfg. Nos.:  
7800283 - 465307x51

## **Chassis & Hood**

| REF NO | PART NO.      | DESCRIPTION              |
|--------|---------------|--------------------------|
| 1      | 1001028MA     | Seat                     |
| 2      | 028X23MA      | Cap, Push On             |
| 3      | 094057MA      | Spring                   |
| 4      | 26X229MA      | Screw                    |
| 5      | 1001054MA     | Bolt, Wing               |
| 6      | 017X47MA      | Washer                   |
| 7      | 009X56MA      | Bolt, Shoulder           |
| 8      | 7300875ZMA    | Support, Seat            |
| 9      | 094156ZMA     | Rod, Pivot               |
| 10     | 7300794ZMA    | Bracket, Pivot           |
| 11     | 001X45MA      | Bolt                     |
| 12     | 015X89MA      | Nut                      |
| 13     | 009X55MA      | Bolt, Shoulder           |
| 14     | 094155ZMA     | Washer                   |
| 15     | 164X31MA      | Spring                   |
| 16     | 26X249MA      | Screw                    |
| 17     | 26X263MA      | Screw                    |
| 18     | 164X30MA      | Spring                   |
| 19     | 7300841ZYP    | Deck, Seat               |
| 20     | 15X123MA      | Nut                      |
| 21     | 7300838ZYP    | Plate, Index             |
| 23     | 1001143MA     | Mat, Left                |
| 24     | 1001142MA     | Mat, Right               |
| 25     | 1001812E245MA | Hood                     |
| 26     | 1001813E701MA | Grille                   |
| 27     | 1001820MA     | Plastic Cover, Center    |
| 28     | 1001819MA     | Headlamp Housing, Center |
| 29     | 1001814MA     | Hood Insert, Left        |
| 30     | 1001815MA     | Hood Insert, Right       |
| 31     | 26X270MA      | Screw                    |
| 32     | 26X238MA      | Screw                    |
| 33     | 1001491MA     | Bearing, Steering        |
| 34     | 7300902TYP    | Dash                     |
| 35     | 26X201MA      | Screw                    |
| 36     | 093007E701MA  | Panel, Access            |
| 37     | 7300872TMA    | Support, Dash            |
| 38     | 7300751ZMA    | Bracket, Rear Hanger     |
| 40     | 7300742ZMA    | Axle, Hanger             |
| 43     | 7300870ZMA    | Frame, Right             |
| 44     | 7300869ZMA    | Frame, Left              |
| 45     | 690424MA      | Container, Battery       |
| 46     | 7300864ZMA    | Plate, Hitch             |
| 47     | 7300866ZYP    | Plate, Rear              |

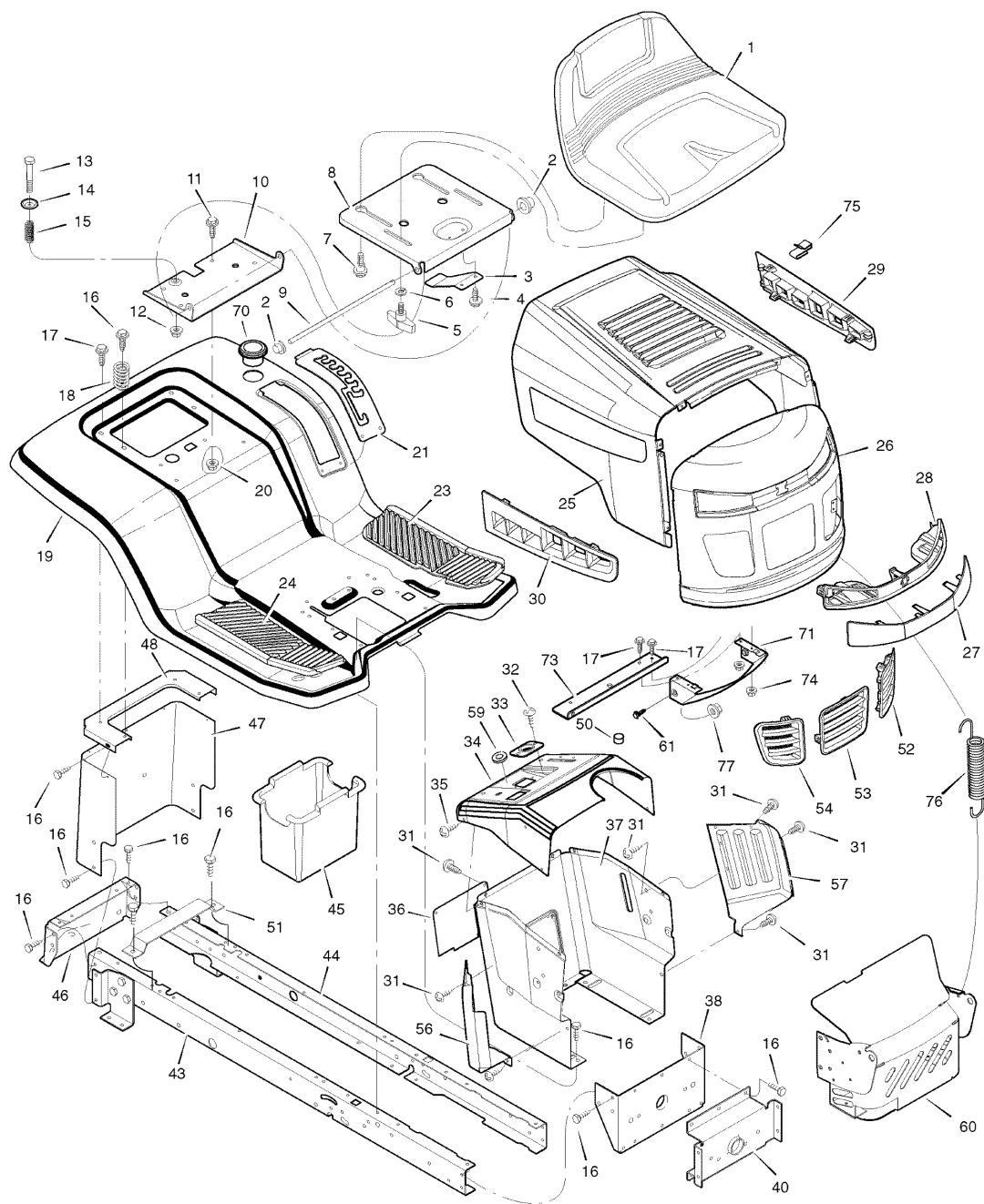
### **Footnotes**

**The above parts group applies to the following Mfg. Nos.:**

7800283 - 465307x51

## Chassis & Hood

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.



The above parts group applies to the following Mfg. Nos.:  
7800283 - 465307x51

## **Chassis & Hood**

| REF NO | PART NO.      | DESCRIPTION              |
|--------|---------------|--------------------------|
| 48     | 7300876ZYP    | Top, Rear Plate          |
| 50     | 094376MA      | Bumper, Black            |
| 51     | 690482E701MA  | Bracket, Battery Support |
| 52     | 1001818MA     | Grille Insert, Left      |
| 53     | 1001816MA     | Grille Insert, Center    |
| 54     | 1001817MA     | Grille Insert, Right     |
| 56     | 095217MA      | Panel, Side, RH          |
| 57     | 095218MA      | Panel, Side, LH          |
| 59     | 1001755MA     | Grommet, Parking Brake   |
| 61     | 009X58MA      | Bolt, Shoulder           |
| 60     | 1001920E701MA | Shield, Heat             |
| 70     | 1001542MA     | Holder, Cup              |
| 71     | 1001799E701MA | Bracket, Lower Pivot     |
| 73     | 1001921E701MA | Bracket, Grille Support  |
| 74     | 015X82MA      | Nut, Flange Lock         |
| 75     | 028X83MA      | Retainer, S-Clips        |
| 76     | 165X124MA     | Spring, Extension        |
| 77     | 015x84MA      | Nut                      |
| --     | 1002050MA     | Parts Bag, Assembly      |
| --     | 7102112       | Instruction Book         |
| --     | 7102113       | Manual, Parts List       |

## **Footnotes**

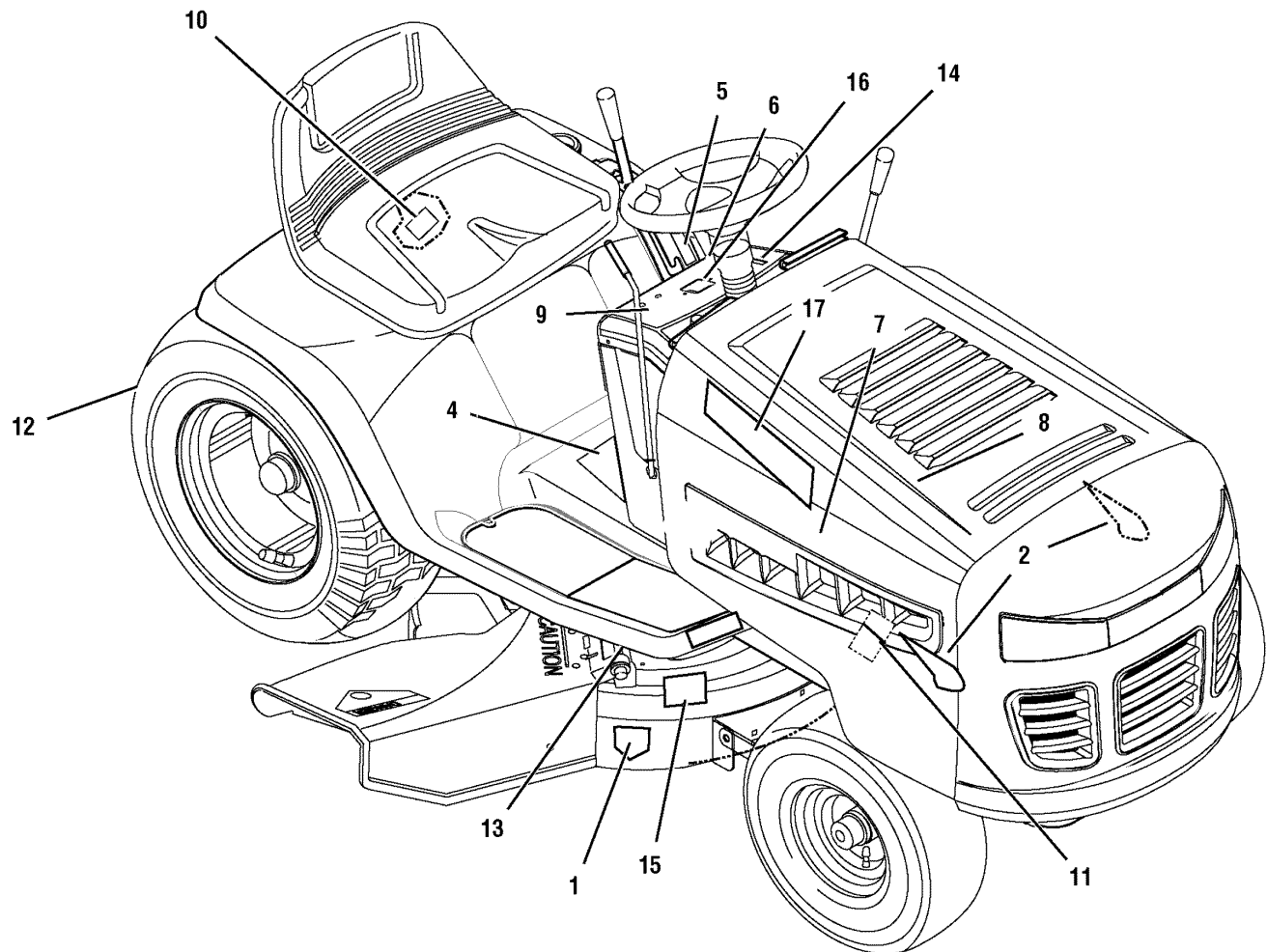
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**The above parts group applies to the following Mfg. Nos.:**

7800283 - 465307x51

## Decals

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.



The above parts group applies to the following Mfg. Nos.:  
7800283 - 465307x51

## ***Decals***

| <b>REF NO</b> | <b>PART NO.</b> | <b>DESCRIPTION</b>               |
|---------------|-----------------|----------------------------------|
| 1             | 48X4033MA       | DECAL, Cut Fingers Symbol        |
| 2             | 1740544MA       | DECAL, 200/117 L.H. & R.H.       |
| 4             | 48X4032MA       | DECAL, Warning Export            |
| 5             | 44X8039MA       | DECAL, 7 Position Cut Height     |
| 6             | 44X7027MA       | DECAL, Deck Level                |
| 7             | 48X4034MA       | DECAL, No Step Export            |
| 8             | 44X5437MA       | DECAL, Brake/Clutch Export       |
| 9             | 44X6670MA       | DECAL, Engage & Park Brake       |
| 10            | 48X687MA        | DECAL, Variator LG SD 1-2 FDR SH |
| 11            | 44X5936MA       | DECAL, Heat Shield Warning       |
| 12            | 48X511MA        | DECAL, Warning Load Limit Export |
| 13            | 44X6828MA       | DECAL, Warning Pinch Point       |
| 14            | 48X158MA        | DECAL, Throttle Twin             |
| 15            | 48X5911MA       | DECAL, 100db Export              |
| 16            | 44X6595MA       | DECAL, Gas Gauge                 |
| 17            | 1740552MA       | DECAL, Murray L.H. & R.H.        |

## **Footnotes**

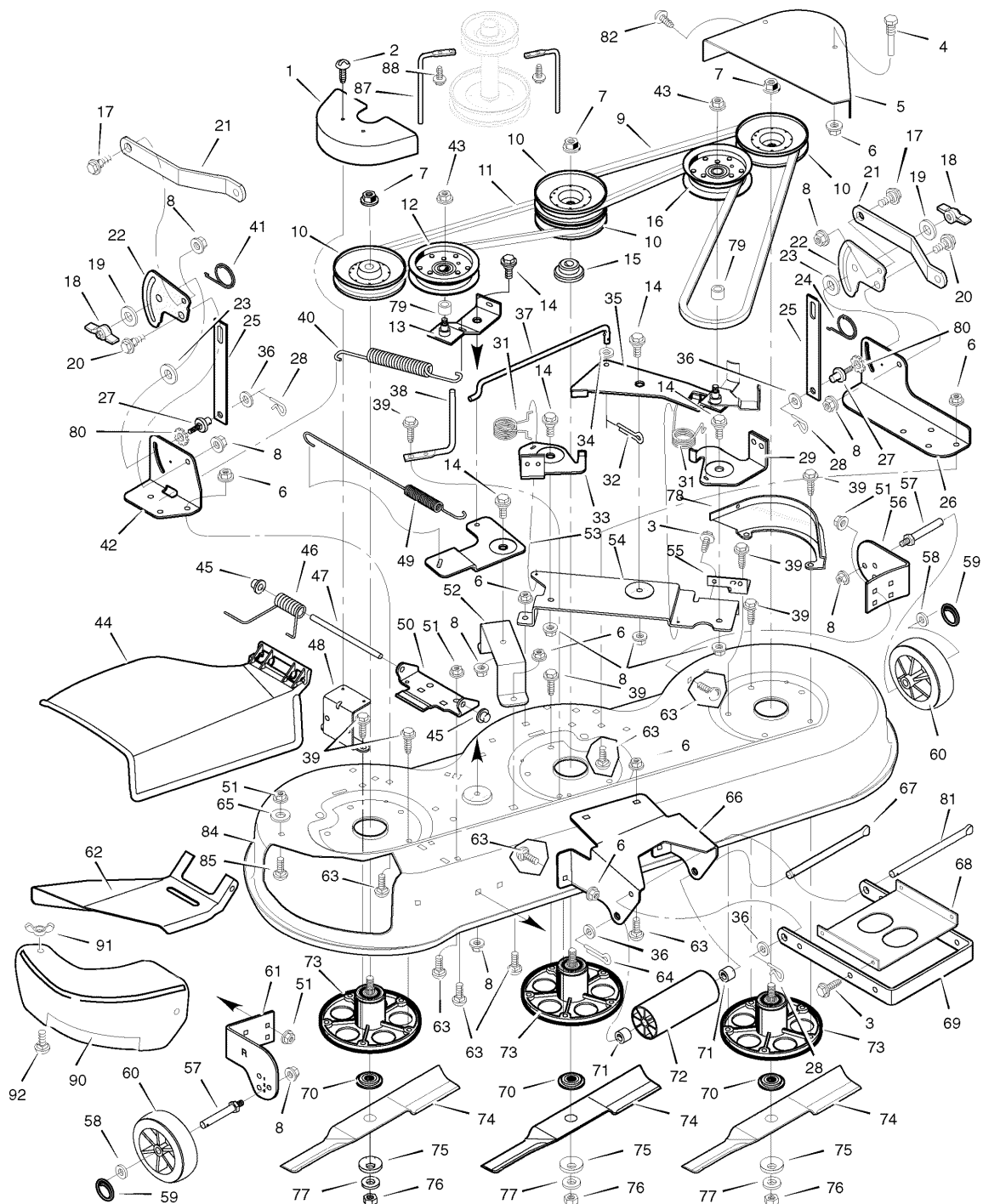
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**The above parts group applies to the following Mfg. Nos.:**

7800283 - 465307x51

## Mower Housing

**NOTE:** Unless noted otherwise,  
use the standard hardware torque  
specification chart.



**The above parts group applies to the following Mfg. Nos.:**  
7800283 - 465307x51

## Mower Housing

| REF NO | PART NO.     | DESCRIPTION              |
|--------|--------------|--------------------------|
| 1      | 094607E701MA | Cover, Right Pulley      |
| 2      | 26X250MA     | Screw                    |
| 3      | 26X249MA     | Screw                    |
| 4      | 091754MA     | Guide, Belt              |
| 5      | 094605E701MA | Cover, Left Pulley       |
| 6      | 015X79MA     | Nut, Hex                 |
| 7      | 15X140MA     | Nut, Flange              |
| 8      | 015X84MA     | Nut, Flange              |
| 9      | 037X89MA     | Belt, Primary            |
| 10     | 95309MA      | Pulley                   |
| 11     | 037X66MA     | Belt, Secondary          |
| 12     | 690549MA     | Pulley, Idler            |
| 13     | 094639E701MA | Arm, Idler               |
| 14     | 009X39MA     | Bolt, Shoulder           |
| 15     | 1001197MA    | Spacer, Pulley           |
| 16     | 091801MA     | Pulley, Idler            |
| 17     | 009X52MA     | Bolt, Shoulder           |
| 18     | 095004MA     | Knob                     |
| 19     | 017X45MA     | Washer                   |
| 20     | 009X51MA     | Bolt, Shoulder           |
| 21     | 094055E701MA | Bracket, Rear Suspension |
| 22     | 094128E701MA | Plate, Suspension        |
| 23     | 094137MA     | Pad, Friction            |
| 24     | 166X43MA     | Spring                   |
| 25     | 690212E701MA | Link, Lift               |
| 26     | 7300814ZYP   | Bracket, Left Lift       |
| 27     | 095194MA     | Pin, Hanger              |
| 28     | 0031X4MA     | Pin, Hair                |
| 29     | 094640E701MA | Brake Assembly, Left     |
| 31     | 166X41MA     | Spring                   |
| 32     | 030X20MA     | Pin, Cotter              |
| 33     | 094641E701MA | Brake Assembly, Right    |
| 34     | 017X47MA     | Washer                   |
| 35     | 690579E701MA | Idler, Arm               |
| 36     | 17X103MA     | Washer                   |
| 37     | 094606ZMA    | Link, Bell Crank         |
| 38     | 092116ZMA    | Guide, Belt              |
| 39     | 0025X7MA     | Screw                    |
| 40     | 165X79MA     | Spring, Extension        |
| 41     | 166X42MA     | Spring, Torsion          |
| 42     | 094598E701MA | Bracket, Suspension      |
| 43     | 015X98MA     | Nut                      |
| 44     | 092100MA     | Deflector, Chute         |

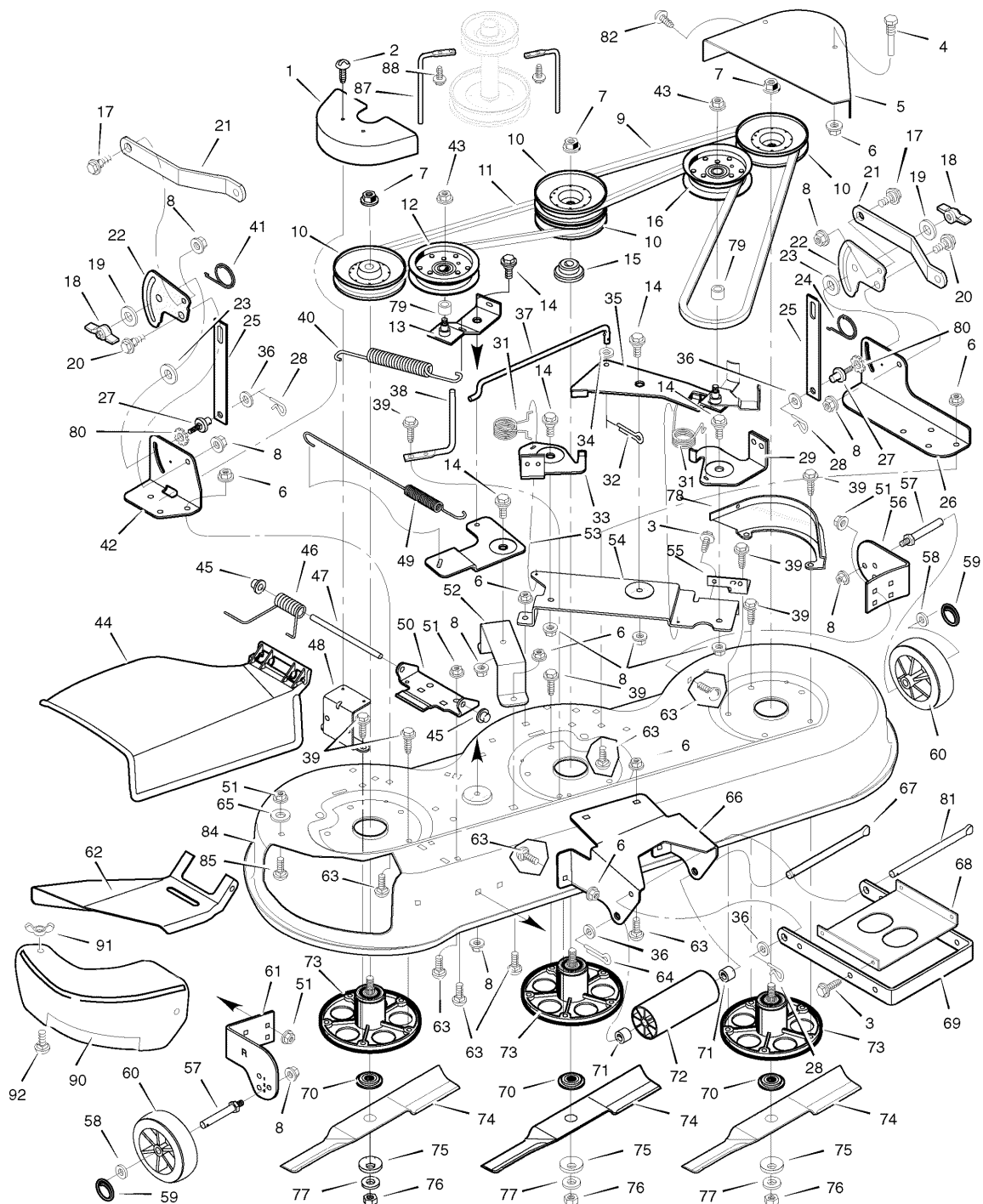
### Footnotes

The above parts group applies to the following Mfg. Nos.:

7800283 - 465307x51

## Mower Housing

**NOTE:** Unless noted otherwise,  
use the standard hardware torque  
specification chart.



**The above parts group applies to the following Mfg. Nos.:**  
7800283 - 465307x51

## Mower Housing

| REF NO | PART NO.      | DESCRIPTION                |
|--------|---------------|----------------------------|
| 45     | 028X23MA      | Push On Cap                |
| 46     | 166X34MA      | Spring, Torsion            |
| 47     | 092159ZMA     | Rod, Deflector             |
| 48     | 092140E701MA  | Bracket, Cover             |
| 49     | 165X120MA     | Spring, Extension          |
| 50     | 092104E701MA  | Bracket, Hinge             |
| 51     | 015X88MA      | Nut, Flange                |
| 52     | 094601E701MA  | Bracket, Bell Crank        |
| 53     | 094603E701MA  | Crank, Bell                |
| 54     | 094596E701MA  | Plate, Brake Arm           |
| 55     | 094602E701MA  | Bracket, Brake Plate       |
| 56     | 094919E701MA  | Bracket, Left Gauge Wheel  |
| 57     | 094025MA      | Axle                       |
| 58     | 017X91MA      | Washer                     |
| 59     | 031X11MA      | Ring, Locking              |
| 60     | 092683MA      | Wheel, Gauge               |
| 61     | 094918E701MA  | Bracket, Right Gauge Wheel |
| 62     | 092103E701MA  | Deflector, Inside          |
| 63     | 002X53MA      | Bolt, Carriage             |
| 64     | 030X49MA      | Pin, Cotter                |
| 65     | 017X57MA      | Washer                     |
| 66     | 094997E701MA  | Bracket, Front Deck        |
| 67     | 094996MA      | Rod, Hanger                |
| 68     | 094604E701MA  | Stiffener                  |
| 69     | 690539E701MA  | Bracket, Front Suspension  |
| 70     | 690411MA      | Adapter, Blade             |
| 71     | 091925MA      | Spacer                     |
| 72     | 092137MA      | Roller                     |
| 73     | 1001200MA     | Housing, Jackshaft         |
| 74     | 1001508E701MA | Blade                      |
| 75     | 17X166MA      | Washer, Belleville         |
| 76     | 15X100MA      | Nut                        |
| 77     | 17X165MA      | Washer                     |
| 78     | 690221E701MA  | Bracket, Pulley Cover      |
| 79     | 690369MA      | Spacer                     |
| 80     | 019X35MA      | Washer                     |
| 81     | 094996MA      | Rod, Hanger                |
| 82     | 26X277MA      | Screw                      |
| 84     | 1001589E701MA | Housing, Blade             |
| 85     | 002X74MA      | Bolt, Carriage             |
| 87     | 091797ZMA     | Guide, Belt                |
| 88     | 025X15MA      | Screw                      |
| 90     | 095086MA      | Cover, Mulch               |

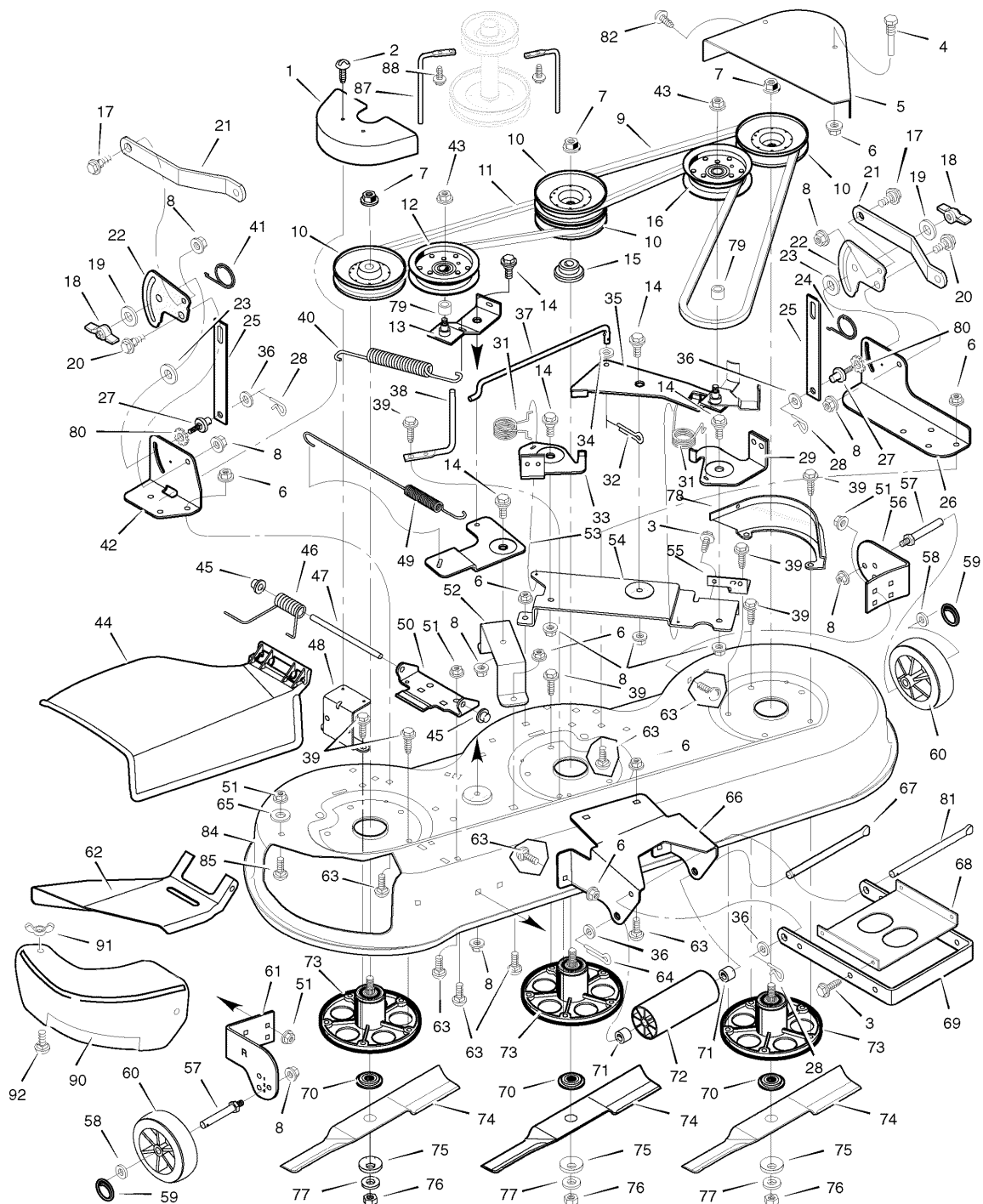
### Footnotes

The above parts group applies to the following Mfg. Nos.:

7800283 - 465307x51

## Mower Housing

**NOTE:** Unless noted otherwise,  
use the standard hardware torque  
specification chart.



The above parts group applies to the following Mfg. Nos.:  
7800283 - 465307x51

### ***Mower Housing***

| <b>REF NO</b> | <b>PART NO.</b> | <b>DESCRIPTION</b> |
|---------------|-----------------|--------------------|
| 91            | 014X86MA        | Wingnut            |
| 92            | 002X64MA        | Bolt, Carriage     |

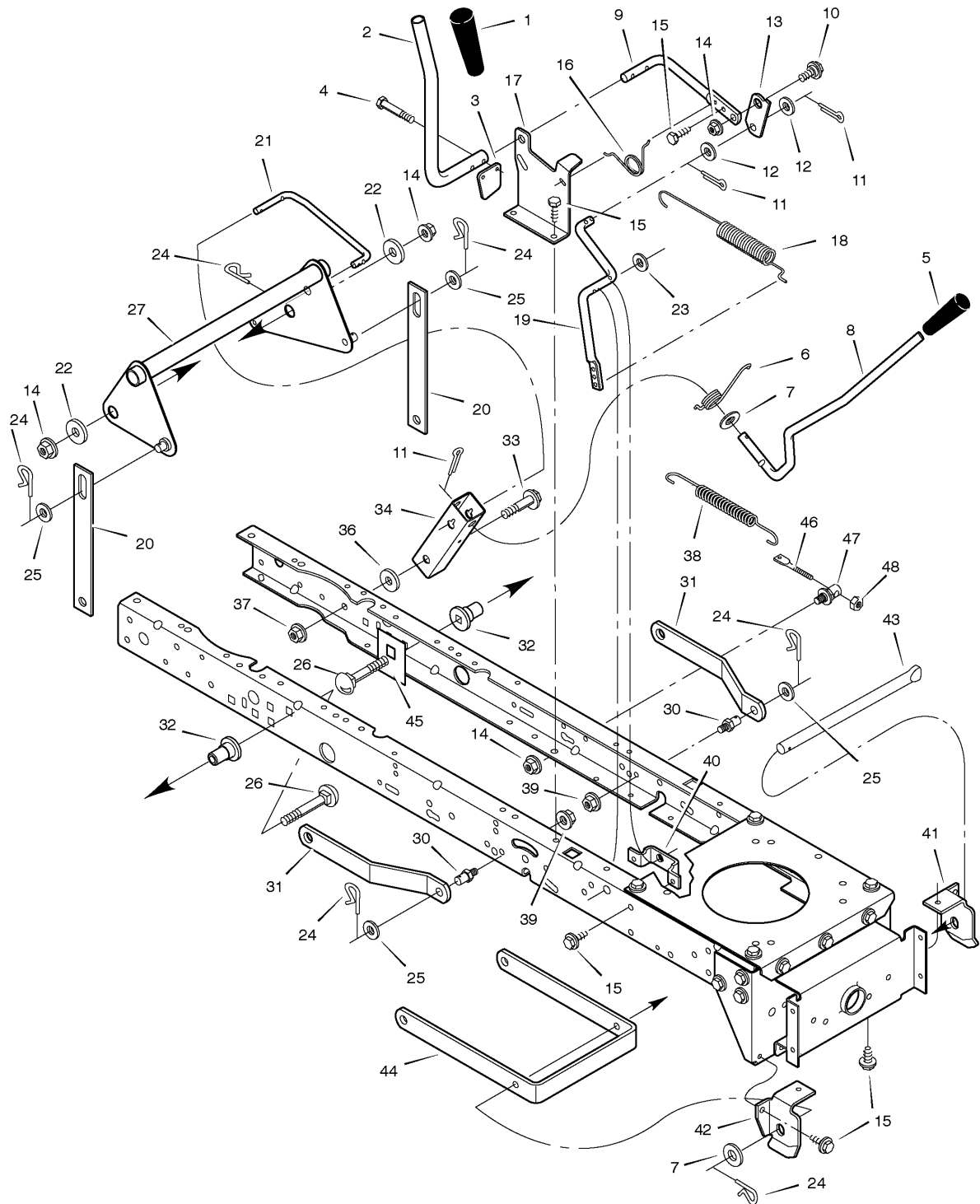
### **Footnotes**

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**The above parts group applies to the following Mfg. Nos.:**  
7800283 - 465307x51

## Mower Housing Suspension

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.



The above parts group applies to the following Mfg. Nos.:  
7800283 - 465307x51

## ***Mower Housing Suspension***

| <b>REF NO</b> | <b>PART NO.</b> | <b>DESCRIPTION</b>       |
|---------------|-----------------|--------------------------|
| 1             | 1741757MA       | Grip, PTO                |
| 2             | 094100ZMA       | Handle, PTO              |
| 3             | 094022ZMA       | Pad, Switch              |
| 4             | 0025X3MA        | Screw, Hex               |
| 5             | 1741756MA       | Grip, Lift               |
| 6             | 166X40MA        | Spring                   |
| 7             | 17X103MA        | Washer                   |
| 8             | 690533MA        | Lever, Lift              |
| 9             | 094017ZMA       | Lever, PTO               |
| 10            | 009X39MA        | Bolt, Shoulder           |
| 11            | 030X20MA        | Pin, Cotter              |
| 12            | 017X57MA        | Washer                   |
| 13            | 094004ZMA       | Link, PTO                |
| 14            | 015X84MA        | Nut, Flange              |
| 15            | 26X249MA        | Screw                    |
| 16            | 166X39MA        | Spring                   |
| 17            | 094018E701MA    | Bracket, PTO             |
| 18            | 165X120MA       | Spring                   |
| 19            | 690394E701MA    | Crank, PTO               |
| 20            | 690212E701MA    | Link, Lift               |
| 21            | 690122E701MA    | Link, Lift Handle        |
| 22            | 17X168ZMA       | Washer                   |
| 23            | 017X57MA        | Washer                   |
| 24            | 0031X4MA        | Pin, Hair                |
| 25            | 017X91MA        | Washer                   |
| 26            | 002X85MA        | Bolt, Carriage           |
| 27            | 1001111E701MA   | Lever Assembly, Lift     |
| 30            | 094067MA        | Pin                      |
| 31            | 094055E701MA    | Bracket, Rear Suspension |
| 32            | 690151MA        | Spacer, Lifter           |
| 33            | 009X53MA        | Bolt, Shoulder           |
| 34            | 094015E701MA    | Bracket, Pivot           |
| 36            | 17X191MA        | Washer                   |
| 37            | 015X84MA        | Nut, Flange              |
| 38            | 165X133MA       | Spring                   |
| 39            | 015X68MA        | Nut, Flange              |
| 40            | 094005E701MA    | Bracket, PTO             |
| 41            | 094027E701MA    | Hanger, Left Deck        |
| 42            | 094026E701MA    | Hanger, Right Deck       |
| 43            | 094158ZMA       | Rod, Hanger              |
| 44            | 690539E701MA    | Bracket, Suspension      |
| 45            | 1001098E701MA   | Plate, Stiffening        |
| 46            | 094042ZMA       | Stud, Spring Mount       |

### **Footnotes**

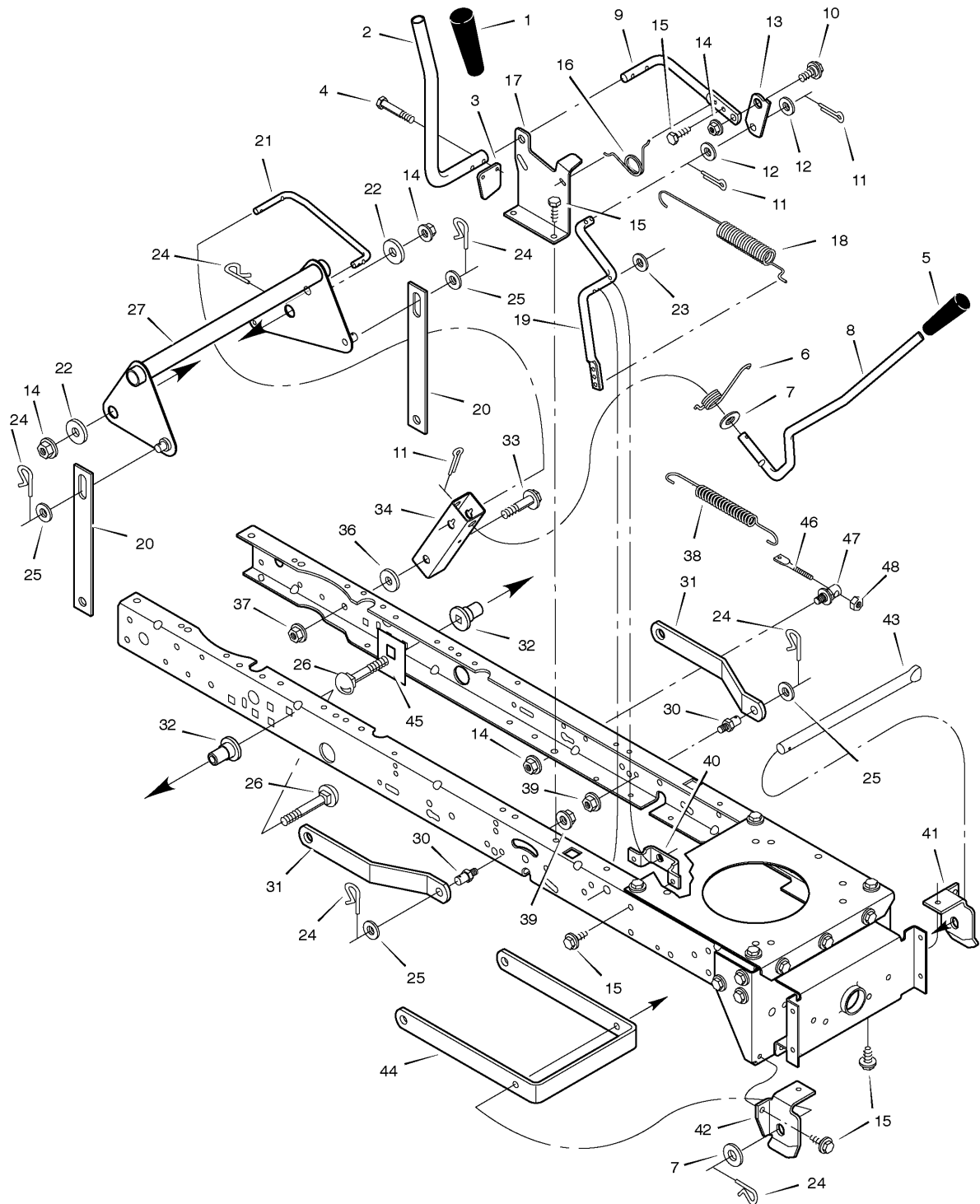
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**The above parts group applies to the following Mfg. Nos.:**

7800283 - 465307x51

## Mower Housing Suspension

NOTE: Unless noted otherwise,  
use the standard hardware torque  
specification chart.



The above parts group applies to the following Mfg. Nos.:  
7800283 - 465307x51

### ***Mower Housing Suspension***

| <b>REF NO</b> | <b>PART NO.</b> | <b>DESCRIPTION</b> |
|---------------|-----------------|--------------------|
| 47            | 690182MA        | Stud, Swivel       |
| 48            | 015X88MA        | Nut                |

### **Footnotes**

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**The above parts group applies to the following Mfg. Nos.:**  
7800283 - 465307x51



# Hardware Identification & Torque Specifications

## Common Hardware Types

Hex Head Capscrew



Washer



Lockwasher

Carriage Bolt



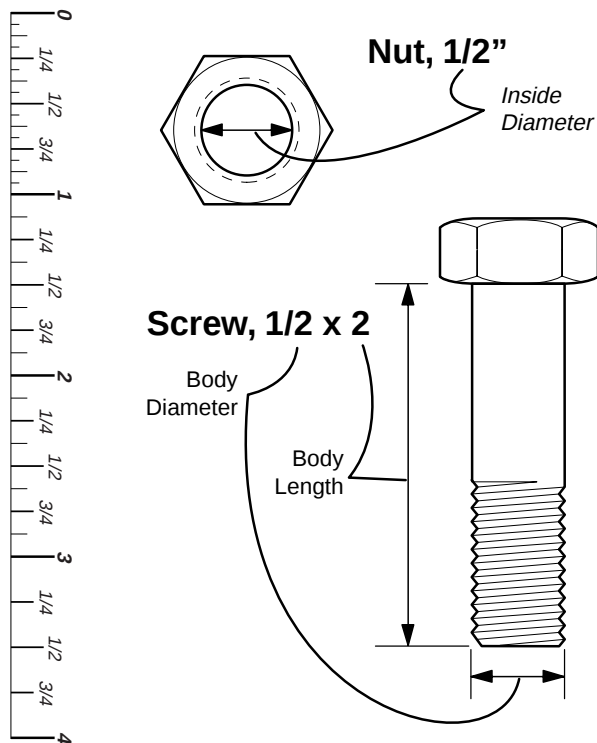
Hex Nut

## Standard Hardware Sizing

When a washer or nut is identified as **1/2"**, this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch; if a second number is present it represent the *threads per inch*

When bolt or capscrew is identified as **1/2 - 16 x 2"**, this means the *Nominal size*, or *body diameter* is 1/2 inch; the second number represents the *threads per inch* (16 in this example, and the final number is the *body length* of the bolt or screw (in this example 2 inches long).

**The guides and ruler furnished below are designed to help you select the appropriate hardware and tools.**



## Torque Specification Chart

FOR STANDARD MACHINE HARDWARE (Tolerance  $\pm 20\%$ )

| Hardware Grade | No Marks<br>SAE Grade 2 |       | SAE Grade 5      |       | SAE Grade 8      |         |
|----------------|-------------------------|-------|------------------|-------|------------------|---------|
|                | in/lbs<br>ft/lbs        | Nm.   | in/lbs<br>ft/lbs | Nm.   | in/lbs<br>ft/lbs | Nm.     |
| 8-32           | 19                      | 2.1   | 30               | 3.4   | 41               | 4.6     |
| 8-36           | 20                      | 2.3   | 31               | 3.5   | 43               | 4.9     |
| 10-24          | 27                      | 3.1   | 43               | 4.9   | 60               | 6.8     |
| 10-32          | 31                      | 3.5   | 49               | 5.5   | 68               | 7.7     |
| 1/4-20         | 66                      | 7.6   | 8                | 10.9  | 12               | 16.3    |
| 1/4-28         | 76                      | 8.6   | 10               | 13.6  | 14               | 19.0    |
| 5/16-18        | 11                      | 15.0  | 17               | 23.1  | 25               | 34.0    |
| 5/16-24        | 12                      | 16.3  | 19               | 25.8  | 27               | 34.0    |
| 3/8-16         | 20                      | 27.2  | 30               | 40.8  | 45               | 61.2    |
| 3/8-24         | 23                      | 31.3  | 35               | 47.6  | 50               | 68.0    |
| 7/16-14        | 30                      | 40.8  | 50               | 68.0  | 70               | 95.2    |
| 7/16-20        | 35                      | 47.6  | 55               | 74.8  | 80               | 108.8   |
| 1/2-13         | 50                      | 68.0  | 75               | 102.0 | 110              | 149.6   |
| 1/2-20         | 55                      | 74.8  | 90               | 122.4 | 120              | 163.2   |
| 9/16-12        | 65                      | 88.4  | 110              | 149.6 | 150              | 204.0   |
| 9/16-18        | 75                      | 102.0 | 120              | 163.2 | 170              | 231.2   |
| 5/8-11         | 90                      | 122.4 | 150              | 204.0 | 220              | 299.2   |
| 5/8-18         | 100                     | 136   | 180              | 244.8 | 240              | 326.4   |
| 3/4-10         | 160                     | 217.6 | 260              | 353.6 | 386              | 525.0   |
| 3/4-16         | 180                     | 244.8 | 300              | 408.0 | 420              | 571.2   |
| 7/8-9          | 140                     | 190.4 | 400              | 544.0 | 600              | 816.0   |
| 7/8-14         | 155                     | 210.8 | 440              | 598.4 | 660              | 897.6   |
| 1-8            | 220                     | 299.2 | 580              | 788.8 | 900              | 1,244.0 |
| 1-12           | 240                     | 326.4 | 640              | 870.4 | 1,000            | 1,360.0 |

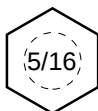
### NOTES

- These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- Recommended seating torque values for locknuts:
  - for prevailing torque locknuts - use 65% of grade 5 torques.
  - for flange whizlock nuts and screws - use 135% of grade 5 torques.
- Unless otherwise noted on assembly drawings, all torque values must meet this specification.

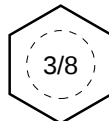
## Wrench & Fastener Size Guide



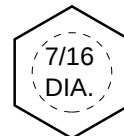
1/4" Bolt or Nut  
Wrench—7/16"



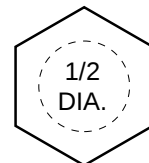
5/16" Bolt or Nut  
Wrench—1/2"



3/8" Bolt or Nut  
Wrench—9/16"



7/16" Bolt or Nut  
Wrench (Bolt)—5/8"  
Wrench (Nut)—11/16"



1/2" Bolt or Nut  
Wrench—3/4"

