



# Parts Manual

Mfg. No: MNA153003

Murray 22" Cut Walk Behind Mower  
(2024)



| List of Revisions |               |                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Revision          | Revision Date | Nature of Revision                                                                                                                                                                                                                                                                                                                                                                                       |
| 1.0               | 16-Jul-2021   | <ul style="list-style-type: none"><li>Initial Release</li></ul>                                                                                                                                                                                                                                                                                                                                          |
| 1.1               | 14-Mar-2024   | <ul style="list-style-type: none"><li>Updated PN for item 13 of the "Deck and Catcher Group" on pages 4-5.<ul style="list-style-type: none"><li>Item 13 (Spring): PN 84005393 &gt;&gt;&gt; PN 2102800021A</li></ul></li><li>Updated PN for item 72 of the "Drive Group" on page 8-9.<ul style="list-style-type: none"><li>Item 72 (V-Belt) : PN 84005369 &gt;&gt;&gt; PN 2102700002A</li></ul></li></ul> |
| 1.2               | 06-Mar-2025   | <ul style="list-style-type: none"><li>Updated PN for item 66 of the "Handles &amp; Controls Group" on pages 12-13.<ul style="list-style-type: none"><li>Item 66 (Bail Assembly): PN 84006828 &gt;&gt;&gt; PN 21063003360323A</li></ul></li></ul>                                                                                                                                                         |
|                   |               |                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   |               |                                                                                                                                                                                                                                                                                                                                                                                                          |

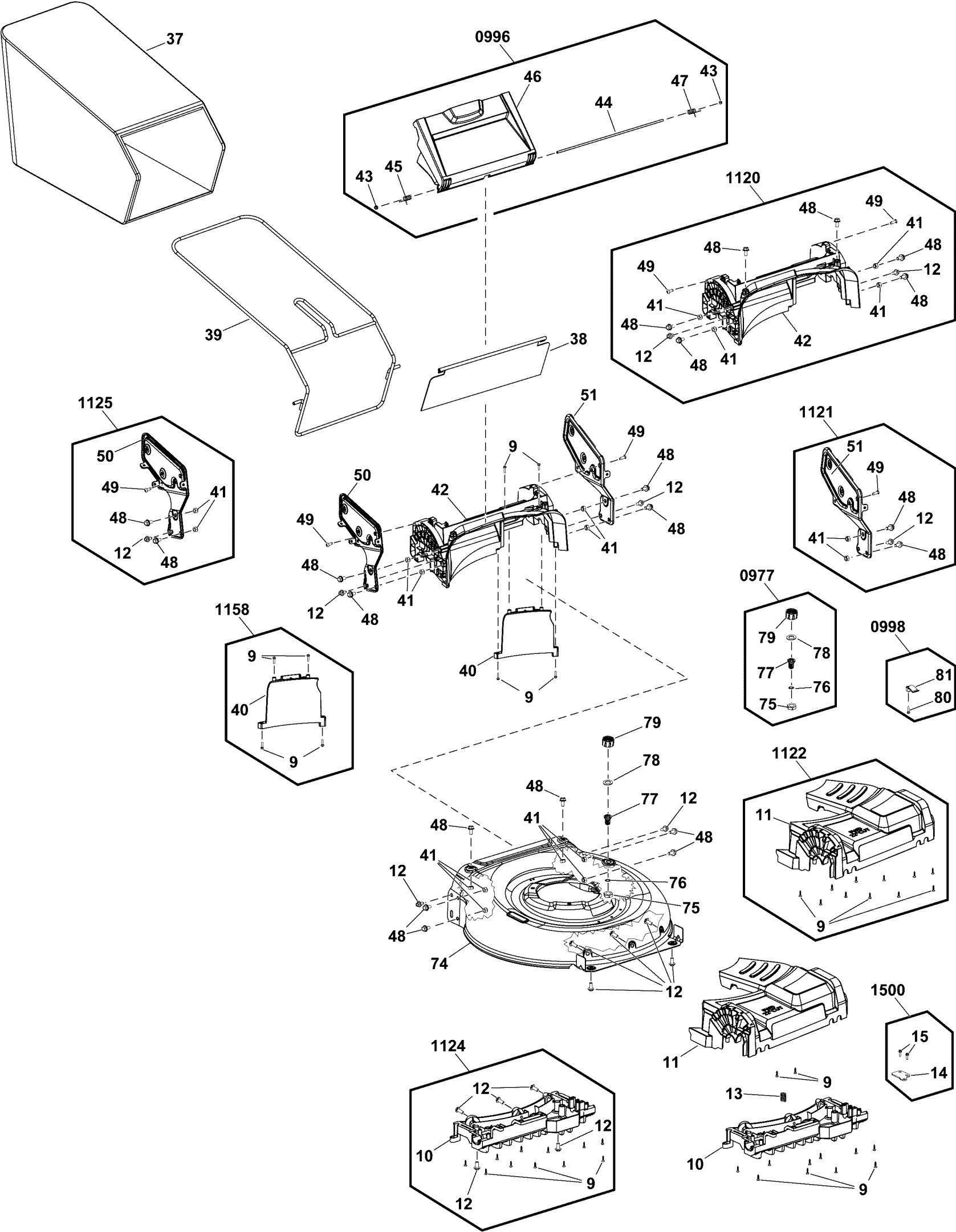
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Deck & Catcher Group

Note: Unless noted otherwise, use the standard torque specifications

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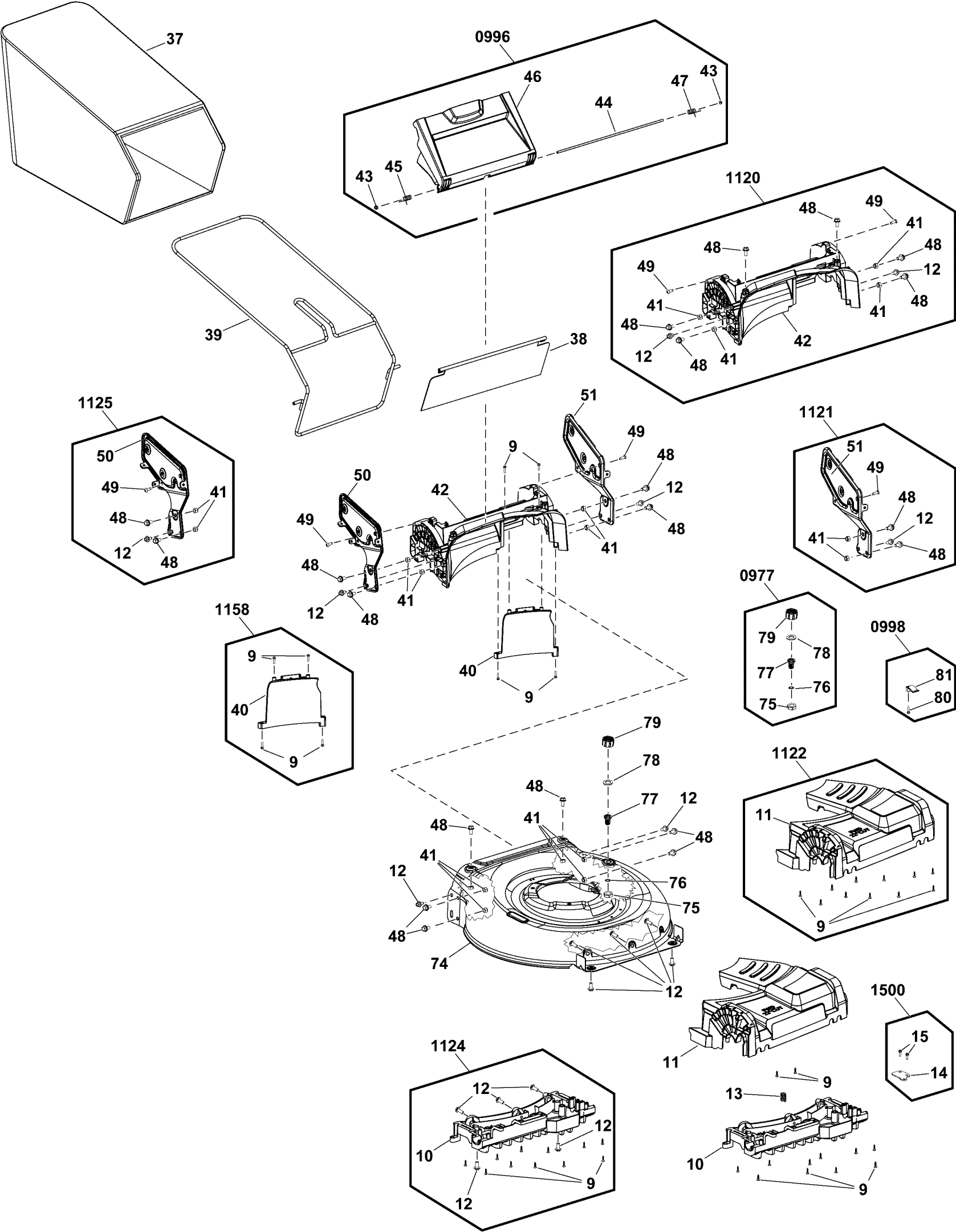
## Deck & Catcher Group

| REF NO | PART NO     | QTY | DESCRIPTION                                                   |
|--------|-------------|-----|---------------------------------------------------------------|
| 13     | 2102800021A | 1   | SPRING                                                        |
| 37     | 84006819    | 1   | CATCHER, Grass                                                |
| 38     | 84005389    | 1   | COVER, Dust                                                   |
| 39     | 84005390    | 1   | FRAME, Catcher, Grass                                         |
| 74     | -----       | 1   | DECK                                                          |
| 0977   | 84005375    | 1   | KIT, Washout Port<br>-(Incl. Ref. Nos. 75, 76, 77, 78, 79)    |
| 75     | -----       | 1   | NUT                                                           |
| 76     | -----       | 1   | WASHER, Lock                                                  |
| 77     | -----       | 1   | SPOOL, Washport                                               |
| 78     | -----       | 1   | SEAL, Ring                                                    |
| 79     | -----       | 1   | NUT, Washport                                                 |
| 0996   | 84005376    | 1   | KIT, Deflector, Rear<br>-(Incl. Ref. Nos. 43, 44, 45, 46, 47) |
| 43     | -----       | 2   | NUT, Lock                                                     |
| 44     | -----       | 1   | SHAFT, Rear Cover                                             |
| 45     | -----       | 1   | SPRING, Right                                                 |
| 46     | -----       | 1   | COVER, Rear                                                   |
| 47     | -----       | 1   | SPRING, Left                                                  |
| 0998   | 84005378    | 1   | KIT, Clamp, Cable Guide<br>-(Incl. Ref. Nos. 80, 81)          |
| 80     | -----       | 1   | SCREW                                                         |
| 81     | -----       | 1   | CLAMP, Cable Guide                                            |
| 1120   | 84006820    | 1   | KIT, Housing, Rear<br>-(Incl. Ref. Nos. 12, 41, 42, 48, 49)   |
| 12     | -----       | 2   | SCREW                                                         |
| 41     | -----       | 4   | NUT, Lock                                                     |
| 42     | -----       | 1   | HOUSING, Rear                                                 |
| 48     | -----       | 4   | BOLT                                                          |
| 49     | -----       | 2   | SCREW                                                         |
| 1121   | 84006821    | 1   | KIT, Bracket, Left<br>-(Incl. Ref. Nos. 12, 41, 48, 49, 51)   |
| 12     | -----       | 1   | SCREW                                                         |
| 41     | -----       | 2   | NUT, Lock                                                     |
| 48     | -----       | 2   | BOLT                                                          |
| 49     | -----       | 1   | SCREW                                                         |
| 51     | -----       | 1   | BRACKET, Left                                                 |
| 1122   | 84006823    | 1   | KIT, Cover, Drive Housing<br>-(Incl. Ref. Nos. 9, 11)         |
| 9      | -----       | 11  | SCREW                                                         |
| 11     | -----       | 1   | HOUSING, Front                                                |
| 1124   | 84006824    | 1   | KIT, Housing, Front<br>-(Incl. Ref. Nos. 9, 10, 12)           |
| 9      | -----       | 11  | SCREW                                                         |
| 10     | -----       | 1   | HOUSING, Front                                                |
| 12     | -----       | 5   | SCREW                                                         |
| 1125   | 84006822    | 1   | KIT, Bracket, Right<br>-(Incl. Ref. Nos. 12, 41, 48, 49, 50)  |
| 12     | -----       | 1   | SCREW                                                         |
| 41     | -----       | 2   | NUT, Lock                                                     |
| 48     | -----       | 2   | BOLT                                                          |
| 49     | -----       | 1   | SCREW                                                         |
| 50     | -----       | 1   | BRACKET, Right                                                |

Deck & Catcher Group

Note: Unless noted otherwise, use the standard torque specifications

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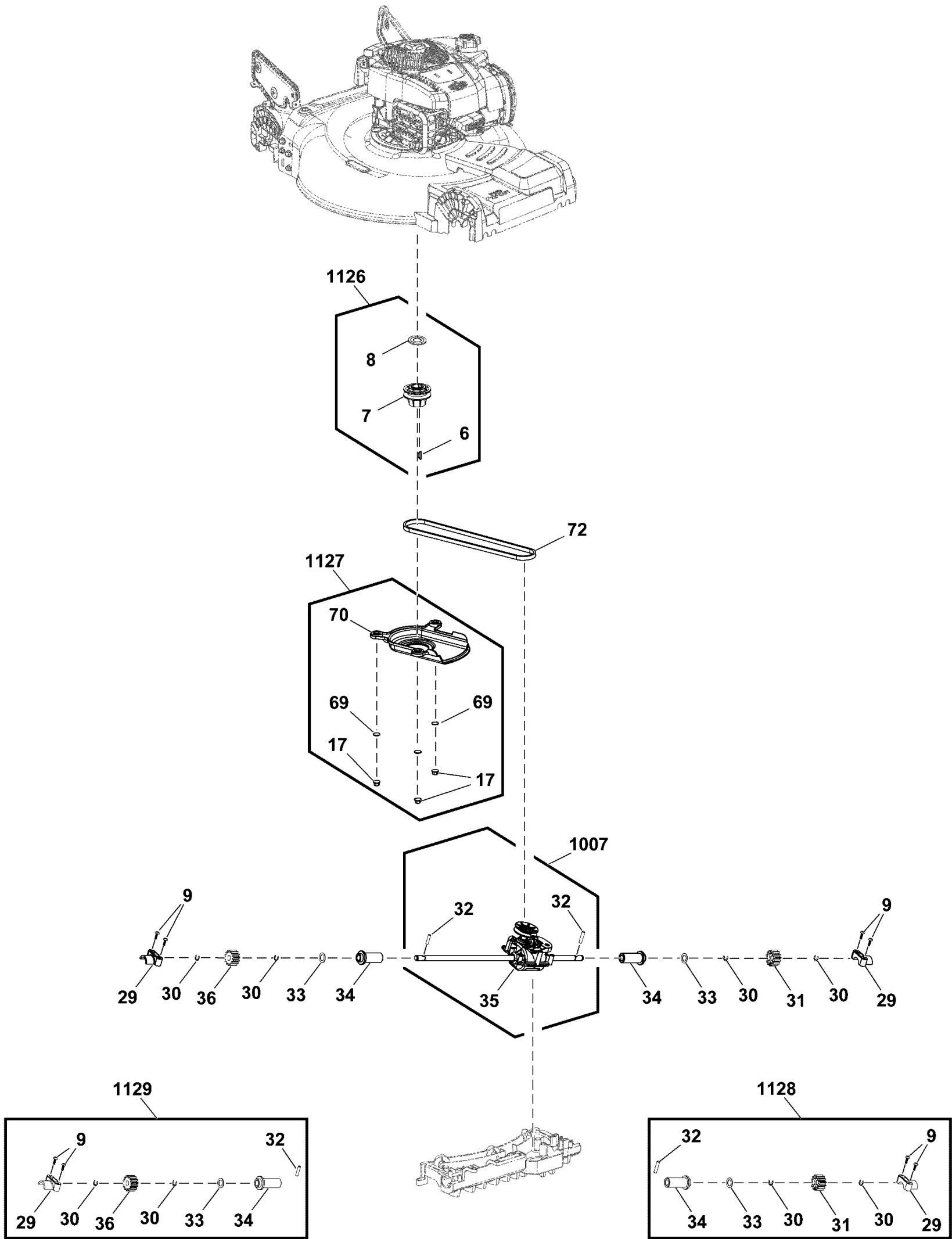
*Deck & Catcher Group*

| REF NO | PART NO  | QTY | DESCRIPTION                               |
|--------|----------|-----|-------------------------------------------|
| 1158   | 84006825 | 1   | KIT, Plug<br>-(Incl. Ref. Nos. 9, 40)     |
| 9      | -----    | 4   | SCREW                                     |
| 40     | -----    | 1   | PLUG, Rear                                |
| 1500   | 84005381 | 1   | KIT, Bracket<br>-(Incl. Ref. Nos. 14, 15) |
| 14     | -----    | 1   | BRACKET                                   |
| 15     | -----    | 2   | SCREW, Hex Head                           |

Drive Group

Note: Unless noted otherwise, use the standard torque specifications

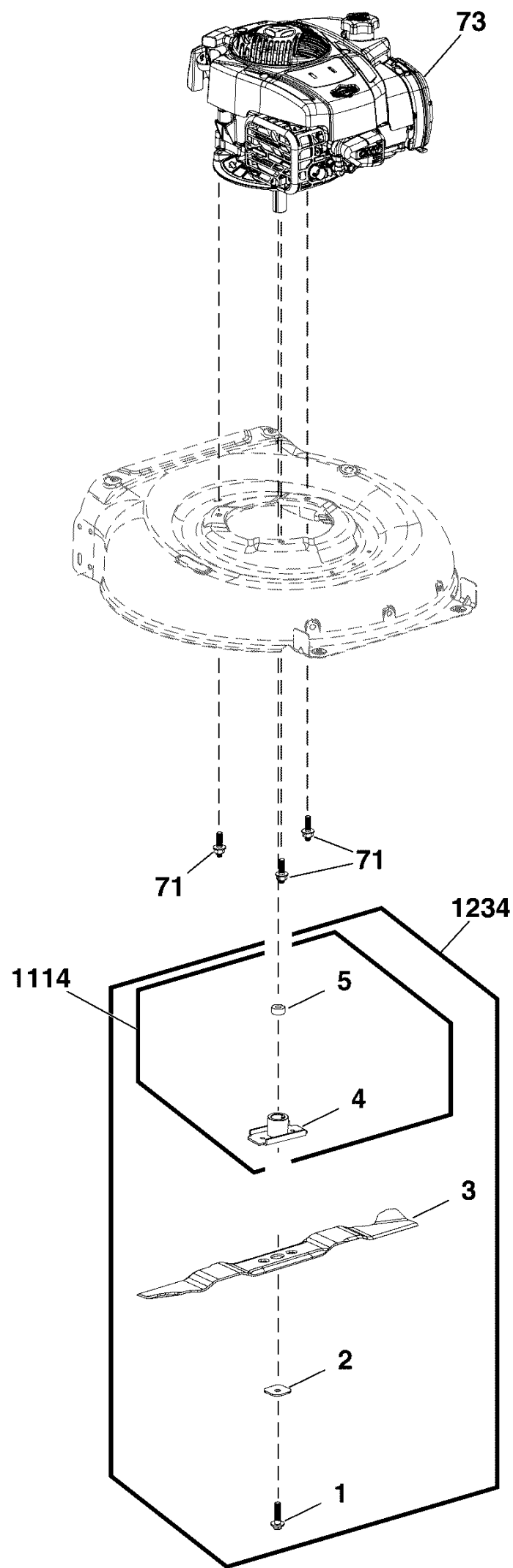
Mfg. No: MNA153003





## Drive Group

| REF NO | PART NO     | QTY | DESCRIPTION                                                            |
|--------|-------------|-----|------------------------------------------------------------------------|
| 72     | 2102700002A | 1   | V-BELT                                                                 |
| 1007   | 84005370    | 1   | KIT, Transmission<br>-(Incl. Ref. Nos. 36, 39)                         |
| 32     | -----       | 2   | PIN                                                                    |
| 35     | -----       | 1   | ASSEMBLY, Transmission                                                 |
| 1126   | 84006837    | 1   | KIT, Pulley Assembly<br>-(Incl. Ref. Nos. 6, 7, 8)                     |
| 6      | -----       | 1   | KEY, Flat                                                              |
| 7      | -----       | 1   | PULLEY, Drive                                                          |
| 8      | -----       | 1   | KEY, Flat                                                              |
| 1127   | 84006838    | 1   | KIT, Cover Dust<br>-(Incl. Ref. Nos. 17, 69, 70)                       |
| 17     | -----       | 3   | NUT, Lock                                                              |
| 69     | -----       | 3   | WASHER, Flat                                                           |
| 70     | -----       | 1   | COVER, Dust                                                            |
| 1128   | 84006839    | 1   | KIT, Drive Gear, Left<br>-(Incl. Ref. Nos. 9, 29, 30, 31, 32, 33, 34)  |
| 9      | -----       | 2   | SCREW                                                                  |
| 29     | -----       | 1   | PLATE, Axle                                                            |
| 30     | -----       | 2   | WASHER                                                                 |
| 31     | -----       | 1   | GEAR, Drive, Left                                                      |
| 32     | -----       | 1   | PIN                                                                    |
| 33     | -----       | 1   | WASHER, Flat                                                           |
| 34     | -----       | 1   | SLEEVE, Axle                                                           |
| 1129   | 84006840    | 1   | KIT, Drive Gear, Right<br>-(Incl. Ref. Nos. 9, 29, 30, 32, 33, 34, 36) |
| 9      | -----       | 2   | SCREW                                                                  |
| 29     | -----       | 1   | PLATE, Axle                                                            |
| 30     | -----       | 2   | WASHER                                                                 |
| 32     | -----       | 1   | PIN                                                                    |
| 33     | -----       | 1   | WASHER, Flat                                                           |
| 34     | -----       | 1   | SLEEVE, Axle                                                           |
| 36     | -----       | 1   | GEAR, Drive, Right                                                     |



## ***Engine & Blade Group***

| REF NO | PART NO        | QTY | DESCRIPTION                                    |
|--------|----------------|-----|------------------------------------------------|
| 71     | -----          | 3   | BOLT                                           |
| 73     | 09P702-0294-F1 | 1   | ENGINE<br>-(Refer to Note: *)                  |
| 1114   | 84006841       | 1   | KIT, Adapter<br>-(Incl. Ref. Nos. 4, 5)        |
| 4      | -----          | 1   | ADAPTER, Blade                                 |
| 5      | -----          | 1   | BUSHING, Blade                                 |
| 1234   | 84006826       | 1   | KIT, Blade<br>-(Incl. Ref. Nos. 1, 2, 3, 4, 5) |
| 1      | -----          | 1   | BOLT, Blade                                    |
| 2      | -----          | 1   | WASHER                                         |
| 3      | 84005313       | 1   | BLADE, Mower                                   |
| 4      | -----          | 1   | ADAPTER, Blade                                 |
| 5      | -----          | 1   | BUSHING, Blade                                 |

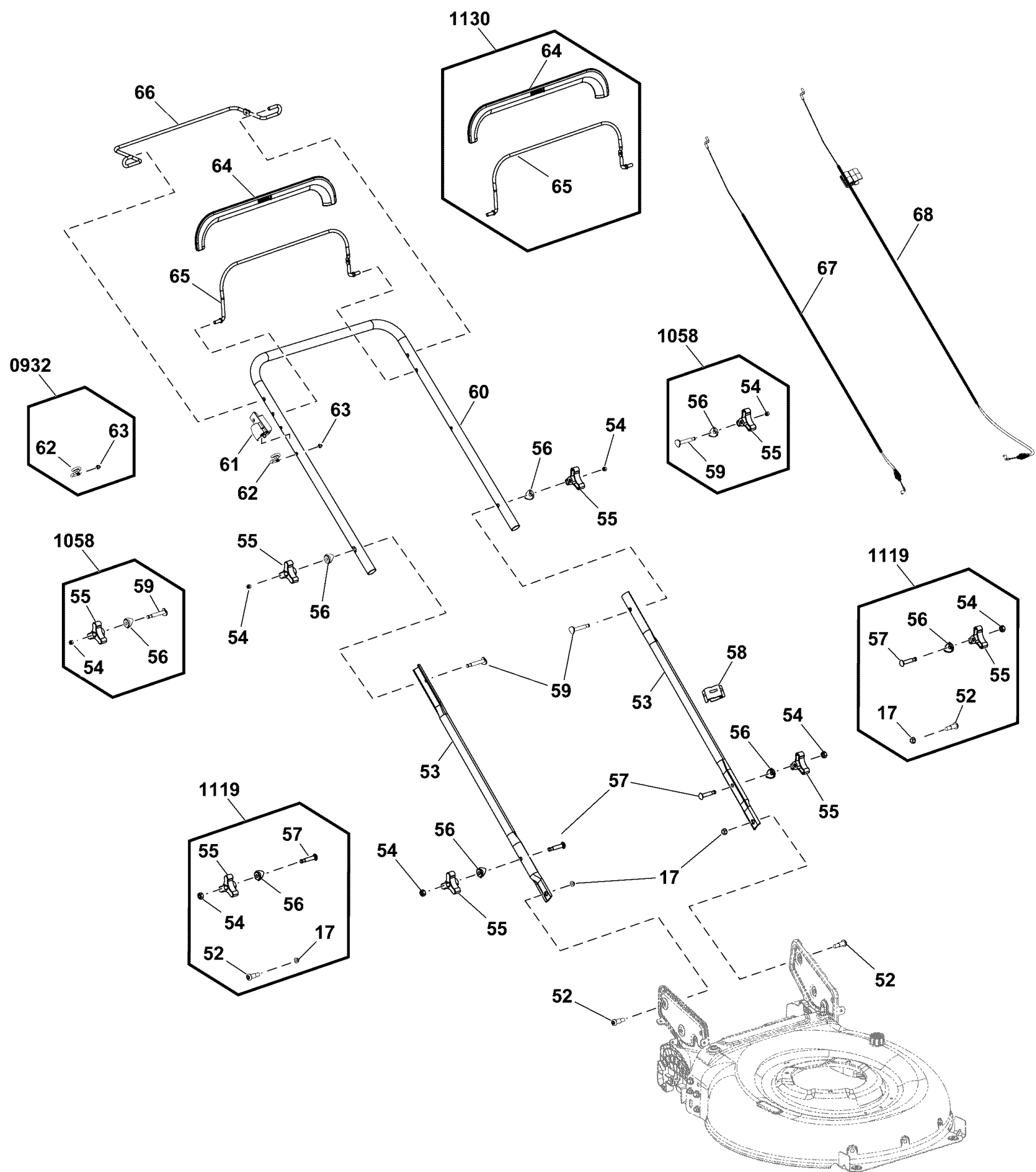
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### **Footnotes:**

Note:\* Refer to your local Briggs & Stratton distributor for parts and service.

**Handles & Controls Group**

Note: Unless noted otherwise, use the standard torque specifications Mfg. No: MNA153003



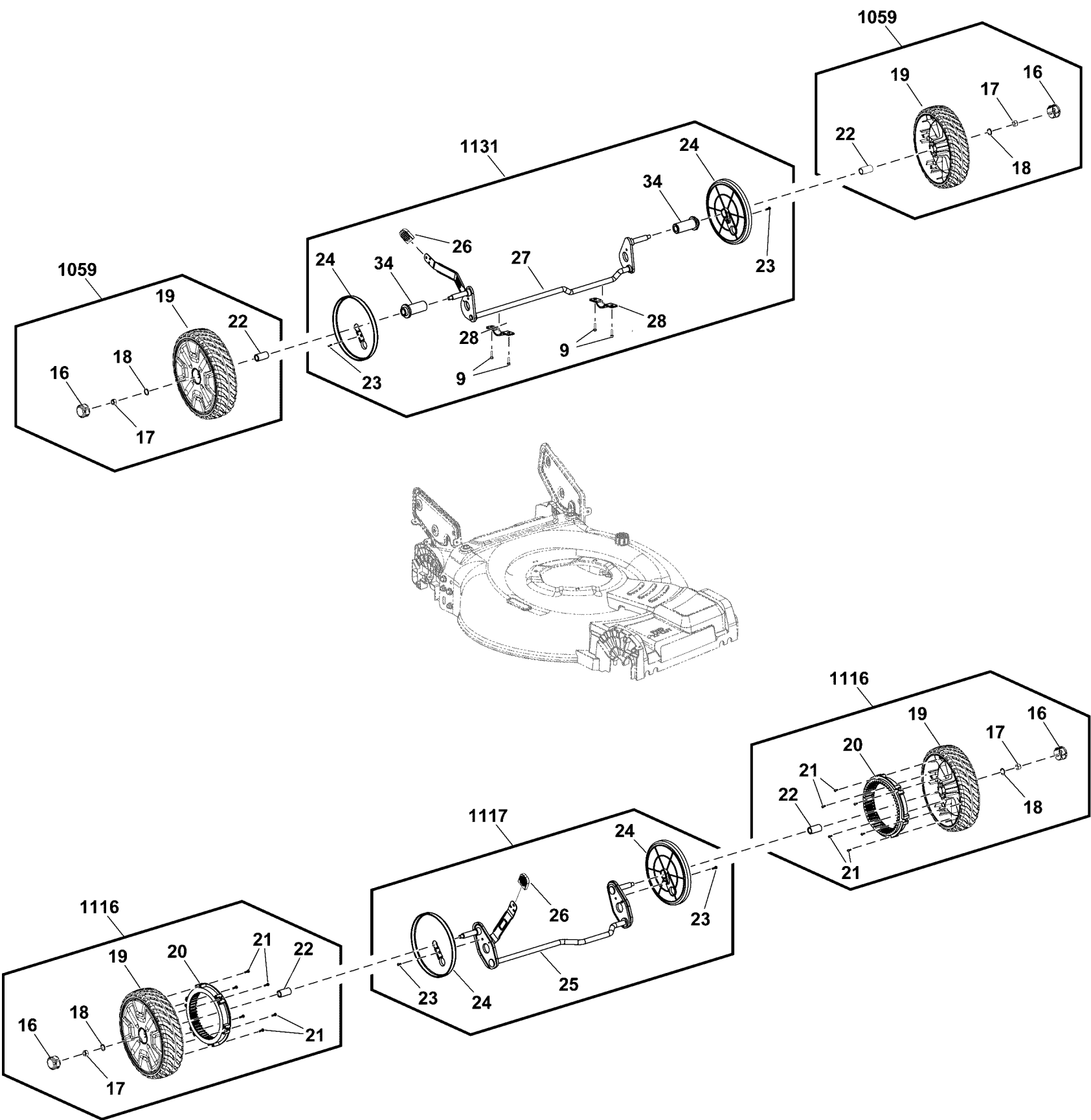
## *Handles & Controls Group*

| REF NO | PART NO         | QTY | DESCRIPTION                                                         |
|--------|-----------------|-----|---------------------------------------------------------------------|
| 53     | 84006830        | 2   | HANDLE, Lower                                                       |
| 58     | 84006831        | 1   | CLAMP, Wire                                                         |
| 60     | 84006829        | 1   | HANDLE, Upper                                                       |
| 61     | 84005228        | 1   | BRACKET, Rod                                                        |
| 66     | 21063003360323A | 1   | BAIL ASSEMBLY                                                       |
| 67     | 84005367        | 1   | CABLE, Drive                                                        |
| 68     | 84005366        | 1   | CABLE, Engine Stop                                                  |
| 0932   | 84005211        | 1   | KIT, Rope Guide<br>-(Incl. Ref. Nos. 59, 60)                        |
| 62     | -----           | 1   | GUIDE, Rope                                                         |
| 63     | -----           | 1   | NUT, Lock                                                           |
| 1058   | 84006728        | 2   | KIT, Wing Knob, Handle<br>-(Incl. Ref. Nos. 54, 55, 56, 59)         |
| 54     | -----           | 1   | NUT                                                                 |
| 55     | -----           | 1   | KNOB, Wing                                                          |
| 56     | -----           | 1   | WASHER, Curved                                                      |
| 59     | -----           | 1   | BOLT, Carriage                                                      |
| 1119   | 84006832        | 2   | KIT, Wing Knob, Handle<br>-(Incl. Ref. Nos. 17, 52, 54, 55, 56, 57) |
| 17     | -----           | 1   | NUT, Lock                                                           |
| 52     | -----           | 1   | BOLT                                                                |
| 54     | -----           | 1   | NUT                                                                 |
| 55     | -----           | 1   | KNOB, Wing                                                          |
| 56     | -----           | 1   | WASHER, Curved                                                      |
| 57     | -----           | 1   | BOLT                                                                |
| 1130   | 84006827        | 1   | BAIL ASSEMBLY<br>-(Incl. Ref. Nos. 64, 65)                          |
| 64     | -----           | 1   | COVER                                                               |
| 65     | -----           | 1   | BAIL ASSEMBLY                                                       |

Wheels Group

Note: Unless noted otherwise, use the standard torque specifications

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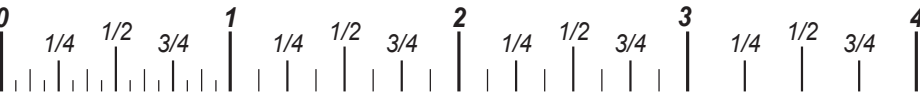
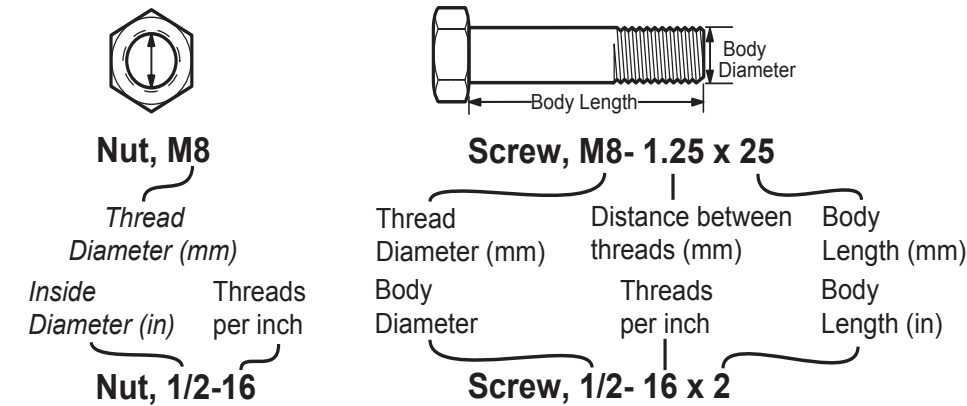
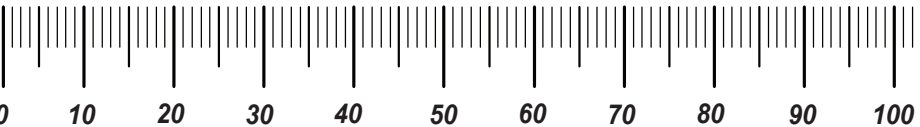
## Wheels Group

| REF NO | PART NO  | QTY | DESCRIPTION                                                    |
|--------|----------|-----|----------------------------------------------------------------|
| 1059   | 84006732 | 2   | KIT, Wheel<br>-(Incl. Ref. Nos. 16, 17, 18, 19, 22)            |
| 16     | -----    | 1   | CAP, Wheel                                                     |
| 17     | -----    | 1   | NUT, Lock                                                      |
| 18     | -----    | 1   | WASHER, Flat                                                   |
| 19     | -----    | 1   | WHEEL, Front                                                   |
| 22     | -----    | 1   | SLEEVE, Axle                                                   |
| 1116   | 84006834 | 2   | KIT, Wheel<br>-(Incl. Ref. Nos. 16, 17, 18, 19, 20, 21, 22)    |
| 16     | -----    | 1   | CAP, Wheel                                                     |
| 17     | -----    | 1   | NUT, Lock                                                      |
| 18     | -----    | 1   | WASHER, Flat                                                   |
| 19     | -----    | 1   | WHEEL, Front                                                   |
| 20     | -----    | 1   | GEAR, Driven                                                   |
| 21     | -----    | 6   | SCREW                                                          |
| 22     | -----    | 1   | SLEEVE, Axle                                                   |
| 1117   | 84006835 | 1   | KIT, Front Axle<br>-(Incl. Ref. Nos. 23, 24, 25, 26)           |
| 23     | -----    | 2   | SCREW                                                          |
| 24     | -----    | 2   | COVER, Dust                                                    |
| 25     | -----    | 1   | AXLE, Front                                                    |
| 26     | -----    | 1   | HANDLE, Height Adjust                                          |
| 1131   | 84006833 | 1   | KIT, Rear Axle<br>-(Incl. Ref. Nos. 9, 23, 24, 26, 27, 28, 34) |
| 9      | -----    | 4   | SCREW                                                          |
| 23     | -----    | 2   | SCREW                                                          |
| 24     | -----    | 2   | COVER, Dust                                                    |
| 26     | -----    | 1   | HANDLE, Height Adjust                                          |
| 27     | -----    | 1   | AXLE, Rear                                                     |
| 28     | -----    | 2   | PLATE, Rear Axle                                               |
| 34     | -----    | 2   | SLEEVE, Axle                                                   |

# Hardware Identification & Torque Specifications

| Torque Specification Chart                             |                                                                                                |      |                                                                                                |      |                                                                                                 |      |                                                                                                 |      |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------|------|
| FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 20%) |                                                                                                |      |                                                                                                |      |                                                                                                 |      |                                                                                                 |      |
| Property Class                                         | <br>Class 5.6 |      | <br>Class 8.8 |      | <br>Class 10.9 |      | <br>Class 12.9 |      |
| Size Of Hardware                                       | in/lbs<br>ft/lbs                                                                               | Nm.  | in/lbs<br>ft/lbs                                                                               | Nm.  | in/lbs<br>ft/lbs                                                                                | Nm.  | in/lbs<br>ft/lbs                                                                                | Nm.  |
| M3                                                     | 5.88                                                                                           | .56  | 13.44                                                                                          | 1.28 | 19.2                                                                                            | 1.80 | 22.92                                                                                           | 2.15 |
| M4                                                     | 13.44                                                                                          | 1.28 | 30.72                                                                                          | 2.90 | 43.44                                                                                           | 4.10 | 52.56                                                                                           | 4.95 |
| M5                                                     | 26.4                                                                                           | 2.50 | 60.96                                                                                          | 5.75 | 5.97                                                                                            | 8.10 | 7.15                                                                                            | 9.7  |
| M6                                                     | 44.64                                                                                          | 4.3  | 7.3                                                                                            | 9.9  | 10.3                                                                                            | 14   | 12.1                                                                                            | 16.5 |
| M7                                                     | 5.2                                                                                            | 7.1  | 12.1                                                                                           | 16.5 | 16.9                                                                                            | 23   | 19.9                                                                                            | 27   |
| M8                                                     | 7.7                                                                                            | 10.5 | 17.7                                                                                           | 24   | 25                                                                                              | 34   | 29                                                                                              | 40   |
| M10                                                    | 15                                                                                             | 21   | 35                                                                                             | 48   | 50                                                                                              | 67   | 59                                                                                              | 81   |
| M12                                                    | 26                                                                                             | 36   | 61                                                                                             | 83   | 86.2                                                                                            | 117  | 103                                                                                             | 140  |
| M14                                                    | 42                                                                                             | 58   | 101                                                                                            | 132  | 136                                                                                             | 185  | 162                                                                                             | 220  |
| M16                                                    | 64                                                                                             | 88   | 147                                                                                            | 200  | 210                                                                                             | 285  | 250                                                                                             | 340  |
| M18                                                    | 89                                                                                             | 121  | 202                                                                                            | 275  | 287                                                                                             | 390  | 346                                                                                             | 470  |
| M20                                                    | 126                                                                                            | 171  | 290                                                                                            | 390  | 405                                                                                             | 550  | 486                                                                                             | 660  |
| M22                                                    | 169                                                                                            | 230  | 390                                                                                            | 530  | 559                                                                                             | 745  | 656                                                                                             | 890  |
| M24                                                    | 217                                                                                            | 295  | 497                                                                                            | 375  | 708                                                                                             | 960  | 840                                                                                             | 1140 |
| M27                                                    | 320                                                                                            | 435  | 733                                                                                            | 995  | 1032                                                                                            | 1400 | 1239                                                                                            | 1680 |
| M30                                                    | 435                                                                                            | 590  | 995                                                                                            | 1350 | 1401                                                                                            | 1900 | 1681                                                                                            | 2280 |
| M33                                                    | 590                                                                                            | 800  | 1349                                                                                           | 1830 | 1902                                                                                            | 2580 | 2278                                                                                            | 3090 |
| M36                                                    | 759                                                                                            | 1030 | 1740                                                                                           | 2360 | 2441                                                                                            | 3310 | 2935                                                                                            | 3980 |
| M39                                                    | 988                                                                                            | 1340 | 2249                                                                                           | 3050 | 3163                                                                                            | 4290 | 3798                                                                                            | 5150 |

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



## Standard Hardware Sizing

When a washer or nut is identified as 1/2" (M8), this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch (8mm metric thread diameter); if a second number is present it represents the *threads per inch* (distance between threads).

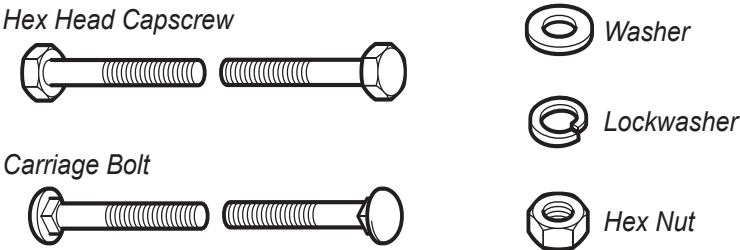
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw, 2 inches (50mm).

| Torque Specification Chart                      |                                                                                                    |       |                                                                                                    |       |                                                                                                    |         |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|---------|
| FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%) |                                                                                                    |       |                                                                                                    |       |                                                                                                    |         |
| Hardware Grade                                  | <br>SAE Grade 2 |       | <br>SAE Grade 5 |       | <br>SAE Grade 8 |         |
| Size Of Hardware                                | 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  | 29                                                                                                 | 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.

## Common Hardware Types



## Wrench & Fastener Size Guide

|                                                                                                                           |                                                                                                                           |                                                                                                                           |                                                                                                                                                         |                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <br>1/4" Bolt or Nut<br>Wrench—7/16" | <br>5/16" Bolt or Nut<br>Wrench—1/2" | <br>3/8" Bolt or Nut<br>Wrench—9/16" | <br>7/16" Bolt or Nut<br>Wrench (Bolt)—5/8"<br>Wrench (Nut)—11/16" | <br>1/2" Bolt or Nut<br>Wrench—3/4" |
| M6 Bolt or Nut<br>Wrench—10mm                                                                                             | M8 Bolt or Nut<br>Wrench—13mm                                                                                             | M10 Bolt or Nut<br>Wrench—17mm                                                                                            | M12 Bolt or Nut<br>Wrench—19mm                                                                                                                          | M14 Bolt or Nut<br>Wrench—22mm                                                                                           |



