



Parts Manual

Mfg. No: MNA153003

Murray 22" Cut Walk Behind Mower
(2024)



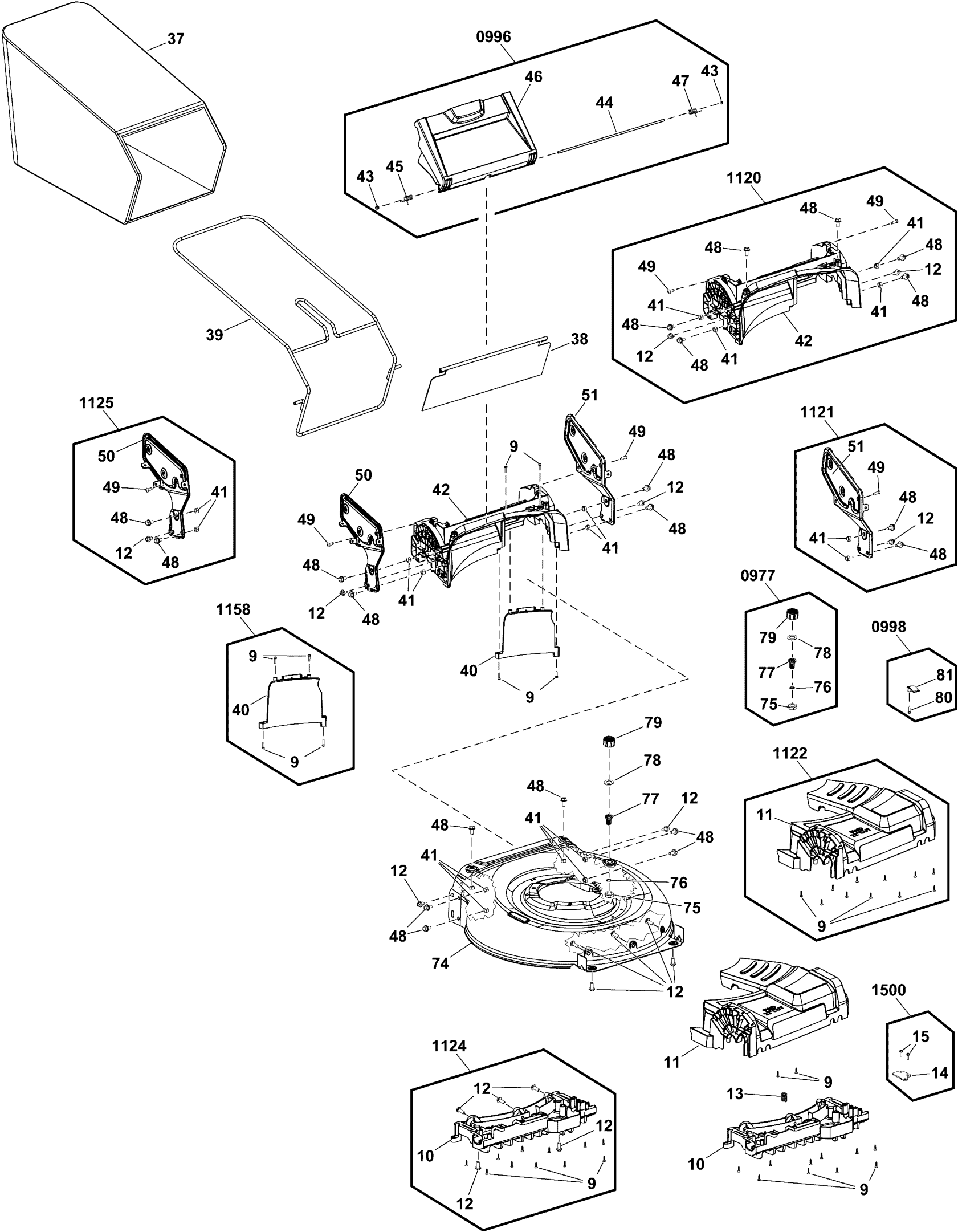
List of Revisions		
Revision	Revision Date	Nature of Revision
1.0	16-Jul-2021	Initial Release
1.1	14-Mar-2024	- Updated PN for item 13 of the "Deck and Catcher Group" on pages 4-5. - Item 13 (Spring): PN 84005393 >>> PN 2102800021A - Updated PN for item 72 of the "Drive Group" on page 8-9. - Item 72 (V-Belt) : PN 84005369 >>> PN 2102700002A
1.2	06-Mar-2025	- Updated PN for item 66 of the "Handles & Controls Group" on pages 12-13. - Item 66 (Bail Assembly): PN 84006828 >>> PN 21063003360323A

Model Components	Page
Deck & Catcher Group.	4
Drive Group.	8
Engine & Blade Group.	10
Handles & Controls Group.	12
Wheels Group.	14
Torque Specification Chart.	16

Deck & Catcher Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: MNA153003



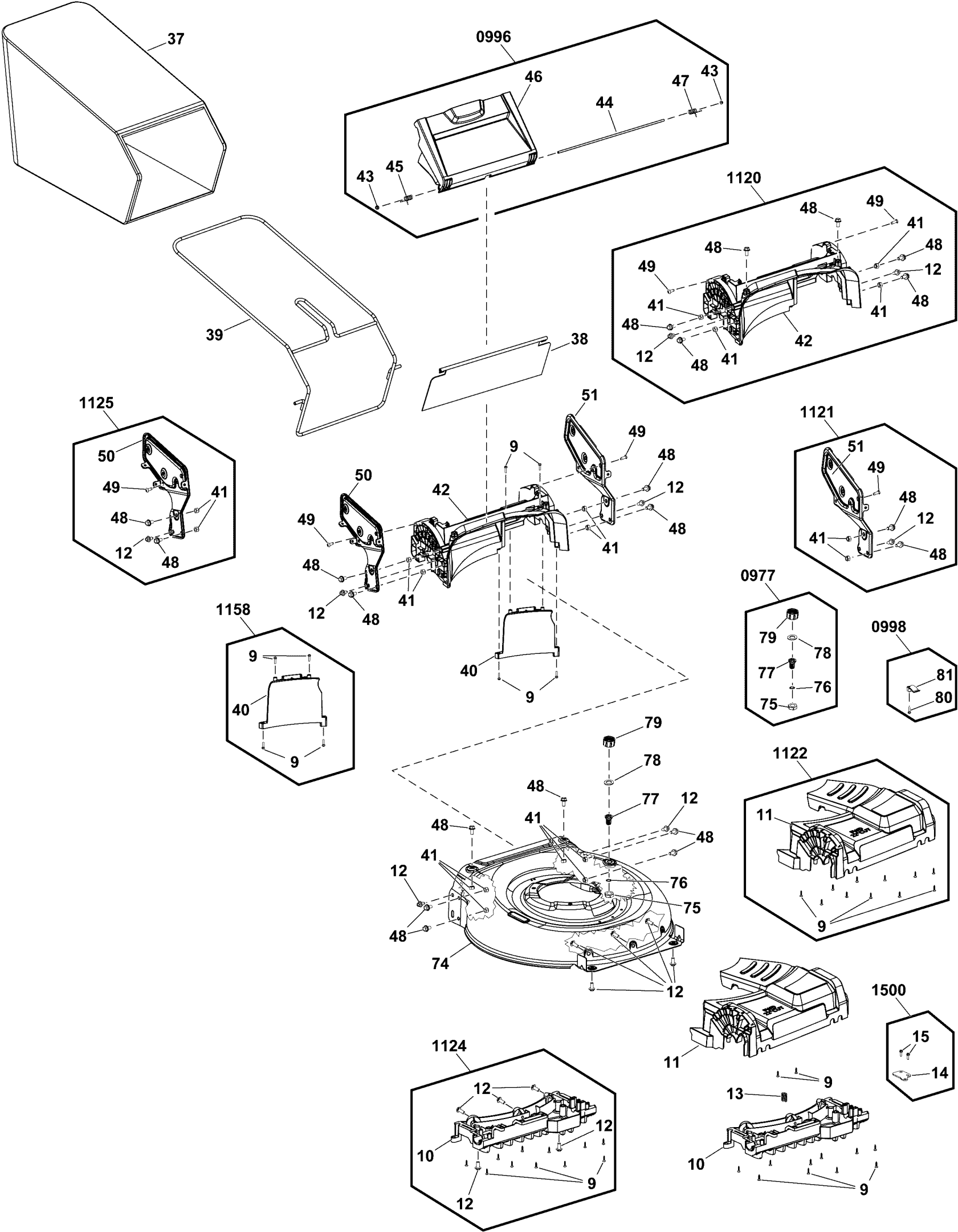
Deck & Catcher Group

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 -(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 -(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 -(Incl. Ref. Nos. 80, 81)
80	-----	1	SCREW
81	-----	1	CLAMP, Cable Guide
1120	84006820	1	KIT, Housing, Rear -(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 -(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 -(Incl. Ref. Nos. 9, 11)
9	-----	11	SCREW
11	-----	1	HOUSING, Front
1124	84006824	1	KIT, Housing, Front -(Incl. Ref. Nos. 9, 10, 12)
9	-----	11	SCREW
10	-----	1	HOUSING, Front
12	-----	5	SCREW
1125	84006822	1	KIT, Bracket, Right -(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

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Mfg. No: MNA153003



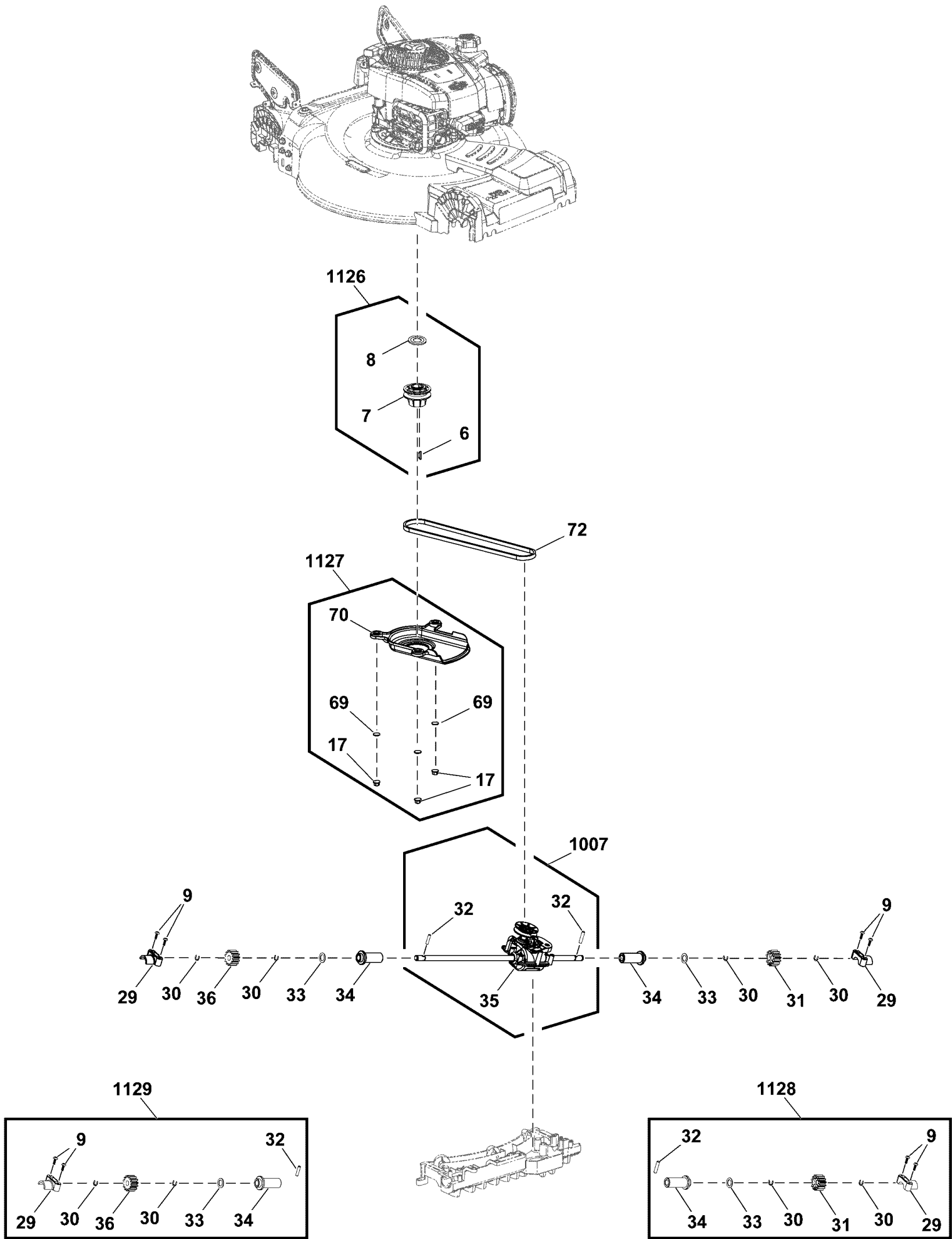
Deck & Catcher Group

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

Drive Group

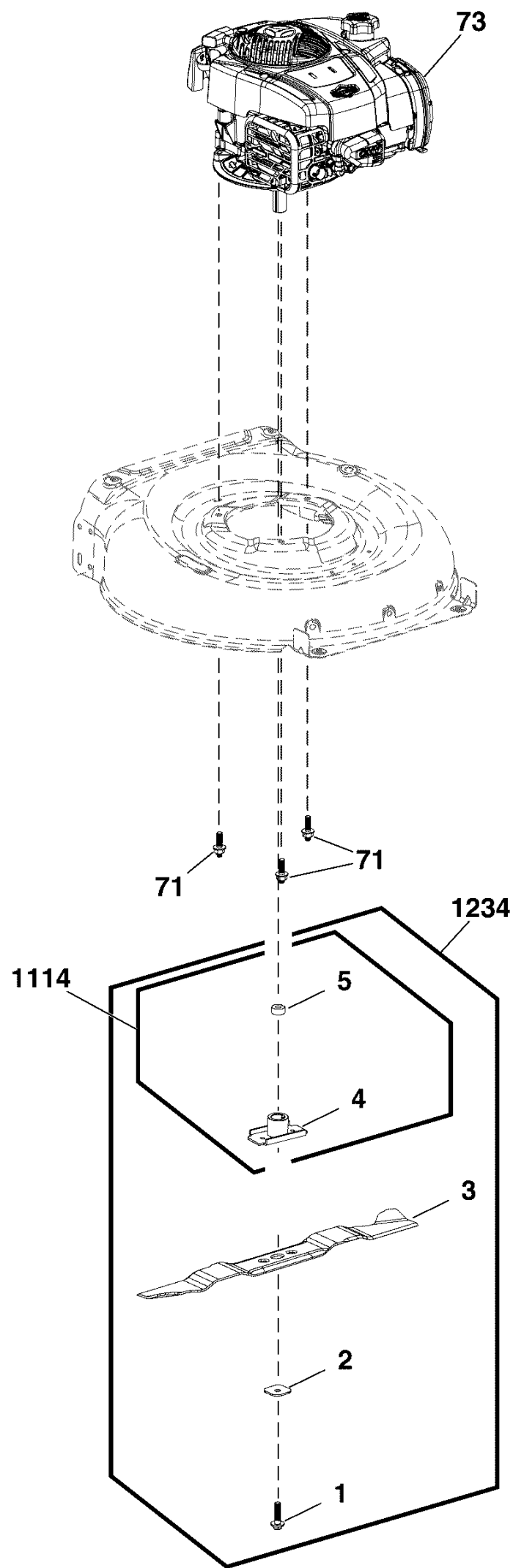
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Drive Group

REF NO	PART NO	QTY	DESCRIPTION
72	2102700002A	1	V-BELT
1007	84005370	1	KIT, Transmission -(Incl. Ref. Nos. 36, 39)
32	-----	2	PIN
35	-----	1	ASSEMBLY, Transmission
1126	84006837	1	KIT, Pulley Assembly -(Incl. Ref. Nos. 6, 7, 8)
6	-----	1	KEY, Flat
7	-----	1	PULLEY, Drive
8	-----	1	KEY, Flat
1127	84006838	1	KIT, Cover Dust -(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 -(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 -(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

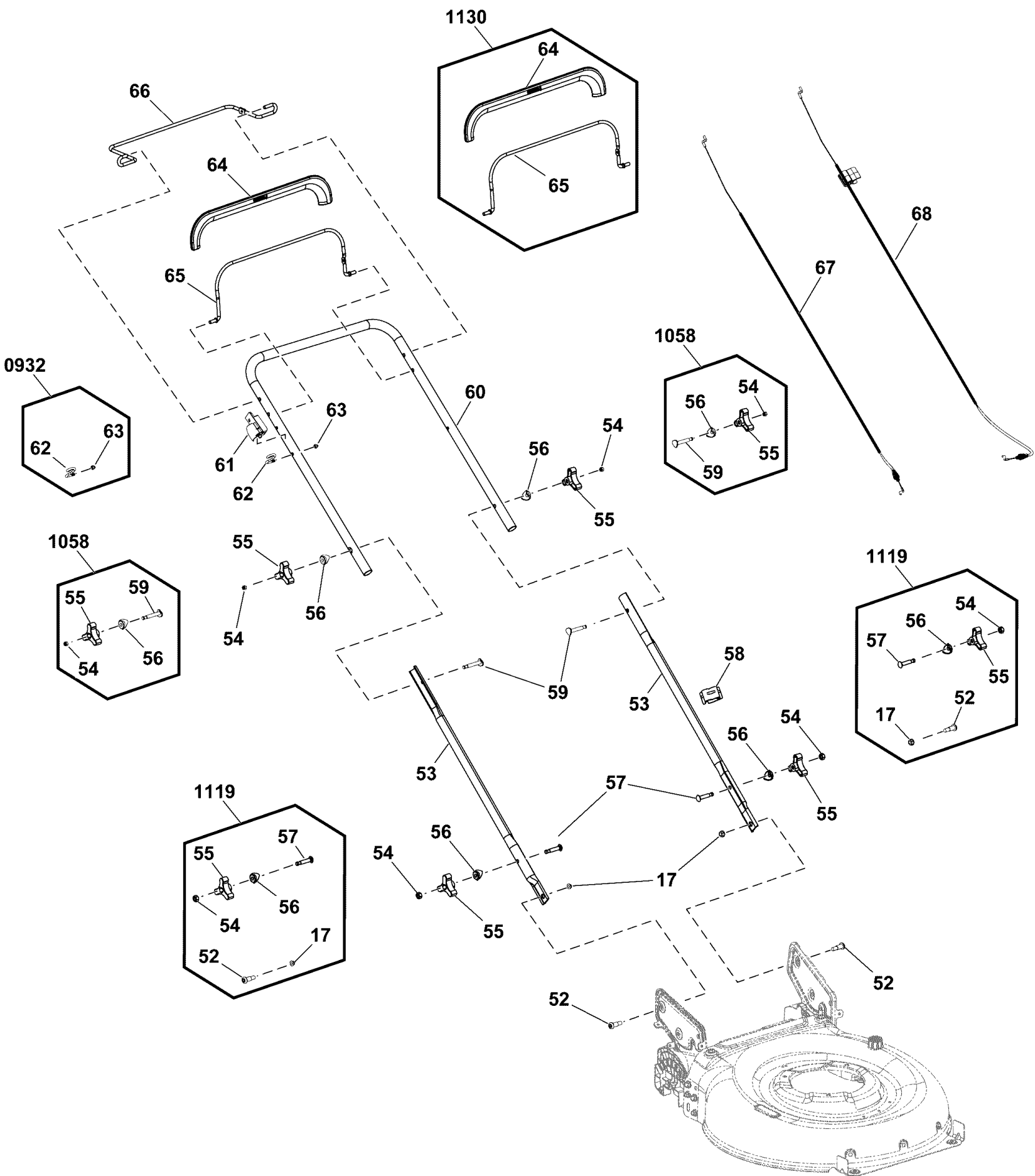
REF NO	PART NO	QTY	DESCRIPTION
71	-----	3	BOLT
73	09P702-0294-F1	1	ENGINE -(Refer to Note: *)
1114	84006841	1	KIT, Adapter -(Incl. Ref. Nos. 4, 5)
4	-----	1	ADAPTER, Blade
5	-----	1	BUSHING, Blade
1234	84006826	1	KIT, Blade -(Incl. Ref. Nos. 1, 2, 3, 4, 5)
1	-----	1	BOLT, Blade
2	-----	1	WASHER
3	84005313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

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



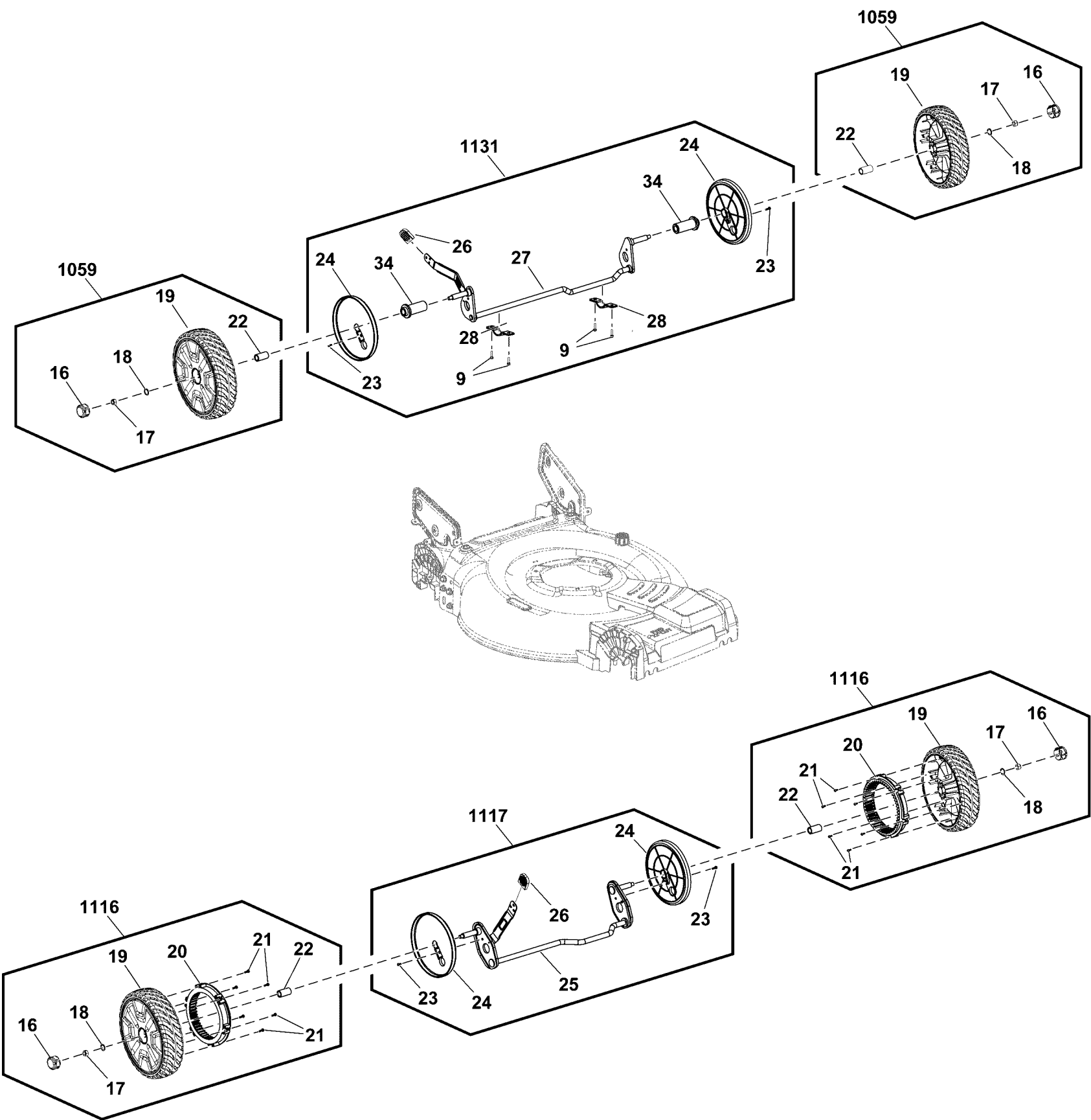
Handles & Controls Group

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 -(Incl. Ref. Nos. 59, 60)
62	-----	1	GUIDE, Rope
63	-----	1	NUT, Lock
1058	84006728	2	KIT, Wing Knob, Handle -(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 -(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 -(Incl. Ref. Nos. 64, 65)
64	-----	1	COVER
65	-----	1	BAIL ASSEMBLY

Wheels Group

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Mfg. No: MNA153003



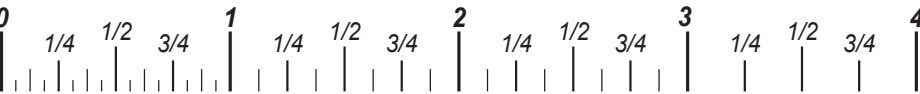
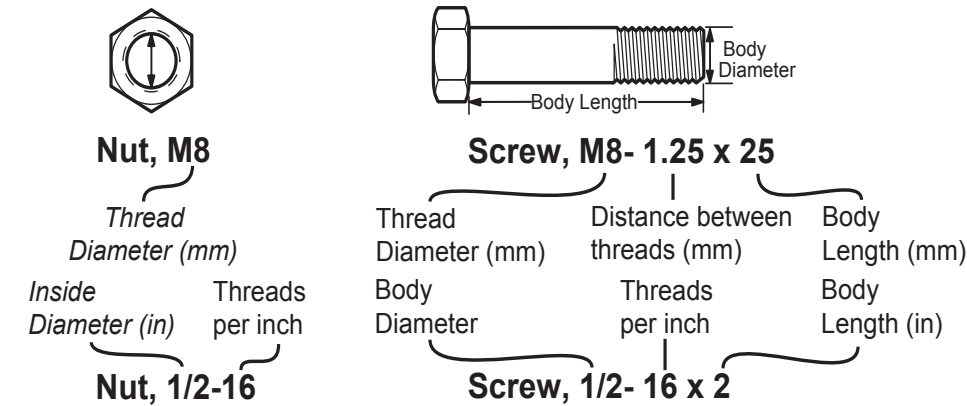
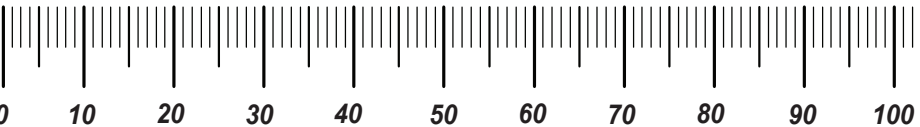
Wheels Group

REF NO	PART NO	QTY	DESCRIPTION
1059	84006732	2	KIT, Wheel -(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 -(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 -(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 -(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	 Class 5.6		 Class 8.8		 Class 10.9		 Class 12.9	
Size Of Hardware	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs 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).

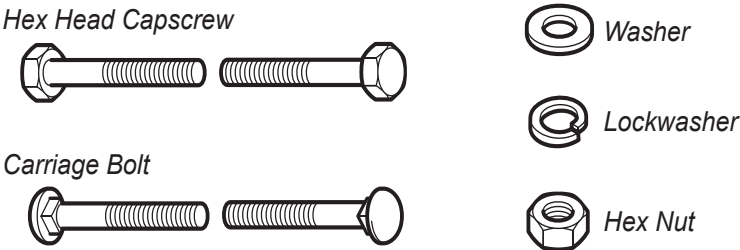
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

Torque Specification Chart						
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)						
Hardware Grade	 SAE Grade 2		 SAE Grade 5		 SAE Grade 8	
Size Of Hardware	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs 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

 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"
M6 Bolt or Nut Wrench—10mm	M8 Bolt or Nut Wrench—13mm	M10 Bolt or Nut Wrench—17mm	M12 Bolt or Nut Wrench—19mm	M14 Bolt or Nut Wrench—22mm

