



# Parts Manual

Mfg. No: 7800979-00  
2185020, 21" 8.75 GTP HV Steel Deck  
Series 20



7061201 - 21" Recycling Steel Deck Plug Kit. ....  
7061200 - 21" Recycling Steel Deck Cover Kit. ....

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Reproduction

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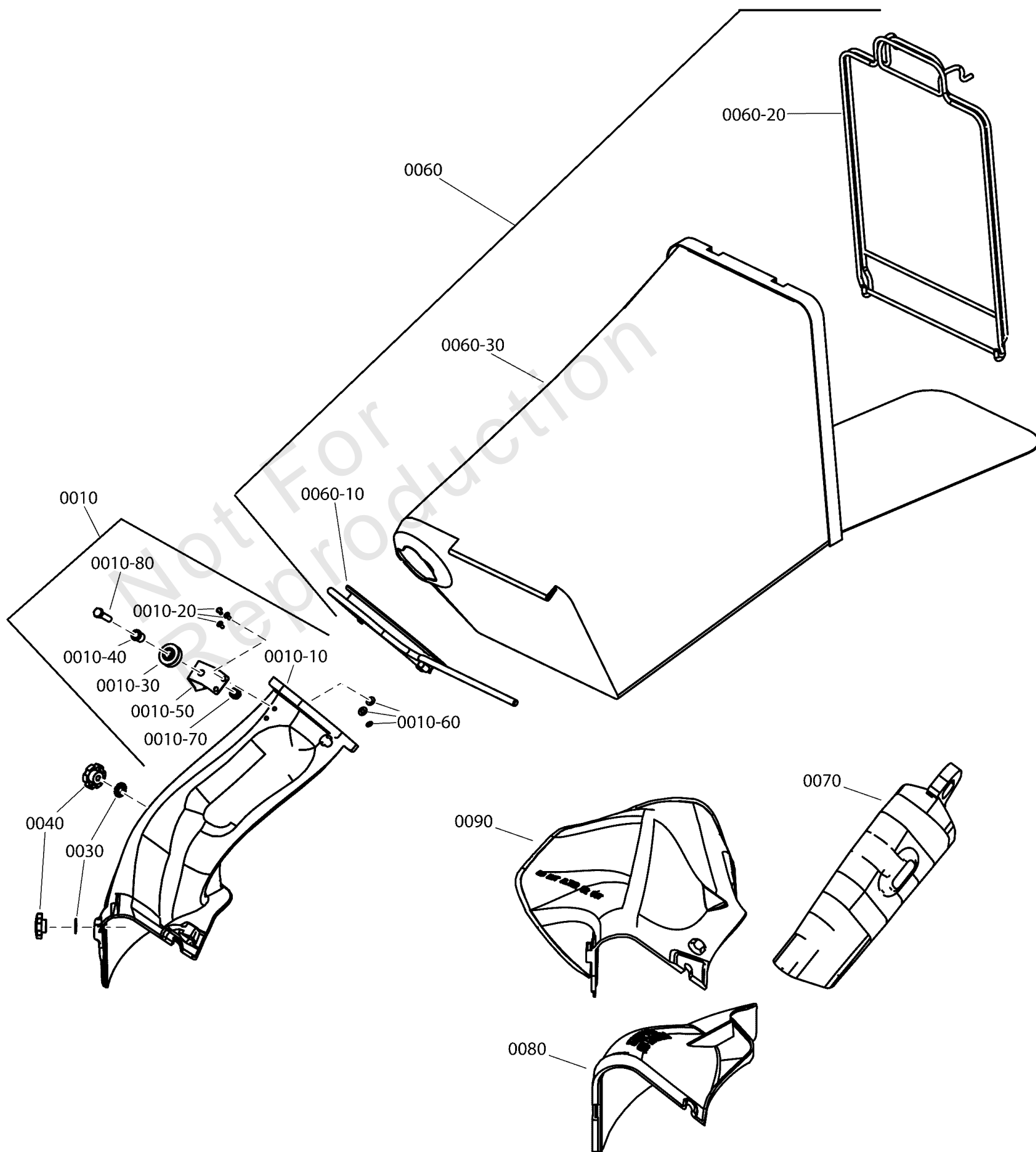
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# Bag, Discharge & Mulch Group

Note: Unless noted otherwise, use the standard torque specifications

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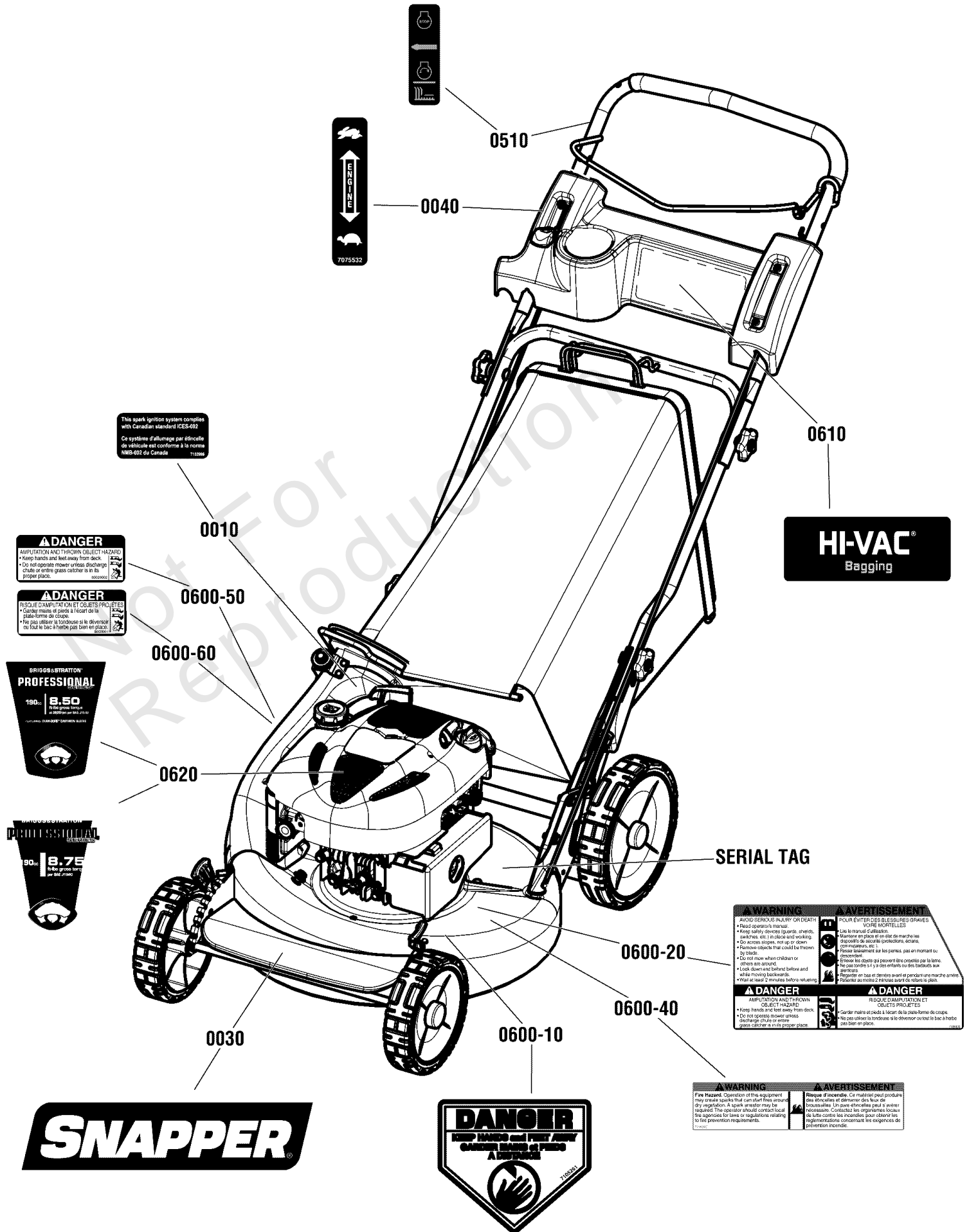
## **Bag, Discharge & Mulch Group**

<b>REF NO</b>	<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
0010	7600117YP	1	BAG ADAPTER ASSY. KIT
0010-10	-----	1	USE 7600117, Bag Adapter
0010-20	704032	3	RIVET, 3/16X.344
0010-30	7024228SM	1	PULLEY, Nylon, .75 ID, 1.3 OD
0010-40	703973	1	BUSHING
0010-50	7047082AYP	1	BRACKET, Rope Pulley
0010-60	703942	3	WASHER, 5/32 Flat, ZC/CL
0010-70	703409	1	NUT, 5/16-18, GR5
0010-80	703570	1	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
0030	703936	2	WASHER, .325IDX.850OD
0040	7101022YP	2	KNOB, Fluted (5/16-18 thread) on side chute
0060	7500153YP	1	ASSEMBLY, Grass Bag, Door, No Graphics, 12.5" W, 26.5" L
0060-10	7042489AYP	1	WELDMENT, Bag Connector
0060-20	7051906AYP	1	ASSEMBLY, Bag Wire, 12.25" Wide
0060-30	7100433YP	1	GRASS BAG, Door, No Graphics, 12.5" W, 26.5" L
0070	7016814YP	1	PLUG, Chute Adapter Mulching
0080	7029149YP	1	COVER, Mulching, 21" Deck
0090	7042965YP	1	CHUTE, 21" Side Discharge

# Decals

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This spark ignition system complies with Canadian standard ICES-002  
Ce système d'allumage par étincelle de véhicule est conforme à la norme NMS-002 du Canada 712266

**⚠ DANGER**  
AMPUTATION AND THROWN OBJECT HAZARD  
• Keep hands and feet away from deck.  
• Do not operate mower unless discharge chute or empty grass catcher is in its proper place.

**⚠ DANGER**  
RISQUE D'AMPUTATION ET D'OBJETS PROJÉTÉS  
• Garder mains et pieds à l'écart de la plate-forme de coupe.  
• Ne pas utiliser la tondeuse si le déversoir ou tout le sac à herbe n'est pas bien en place.

BRIGGS & STRATTON  
**PROFESSIONAL**  
190cc  
**8.50**  
8.50 HP (6000 RPM)  
190cc (6000 RPM)

BRIGGS & STRATTON  
**PROFESSIONAL**  
90cc  
**8.75**  
8.75 HP (6000 RPM)  
90cc (6000 RPM)

**⚠ WARNING**  
AVOID SERIOUS INJURY OR DEATH  
• Read operator's manual.  
• Keep safety devices (guards, covers, parkbrakes, etc.) in place and working.  
• Do not access, adjust, set up or operate.  
• Remove objects that could be thrown by blade.  
• Do not mow when children or others are around.  
• Lock down and bail out before and while moving backwards.  
• Wait at least 2 minutes before returning.

**⚠ DANGER**  
RISQUE D'AMPUTATION ET D'OBJETS PROJÉTÉS  
• Lire le manuel d'utilisation.  
• Garder en place et en état de marche les dispositifs de sécurité (coque, scie, frein à main, etc.).  
• Ne pas intervenir sur les parties, pas un moment ou deux.  
• Éviter les objets qui peuvent être projetés par la lame.  
• Ne pas moudre si y a des enfants ou des individus aux alentours.  
• Réguler en avant et arrière avant et pendant une marche arrière.  
• Patienter au moins 2 minutes avant de retourner à l'avant.

**⚠ WARNING**  
Fire Hazard. Operation of this equipment may create sparks that can start fires, including dry vegetation. A spark arrester may be required. The operator should consult local fire agencies for laws or regulations relating to fire prevention requirements.

**⚠ AVERTISSEMENT**  
Risque d'incendie. Ce matériel peut produire des étincelles et commencer des feux de végétation sèche. Un pare-étincelles peut s'avérer nécessaire. Consultez les organismes locaux de lutte contre les incendies pour obtenir les réglementations concernant les exigences de prévention incendie.

**⚠ DANGER**  
KEEP HANDS AND FEET AWAY  
GARDER MAINS ET PIEDS  
À L'ÉCART  
712266

**SNAPPER**

**HI-VAC**  
Bagging

## Decals

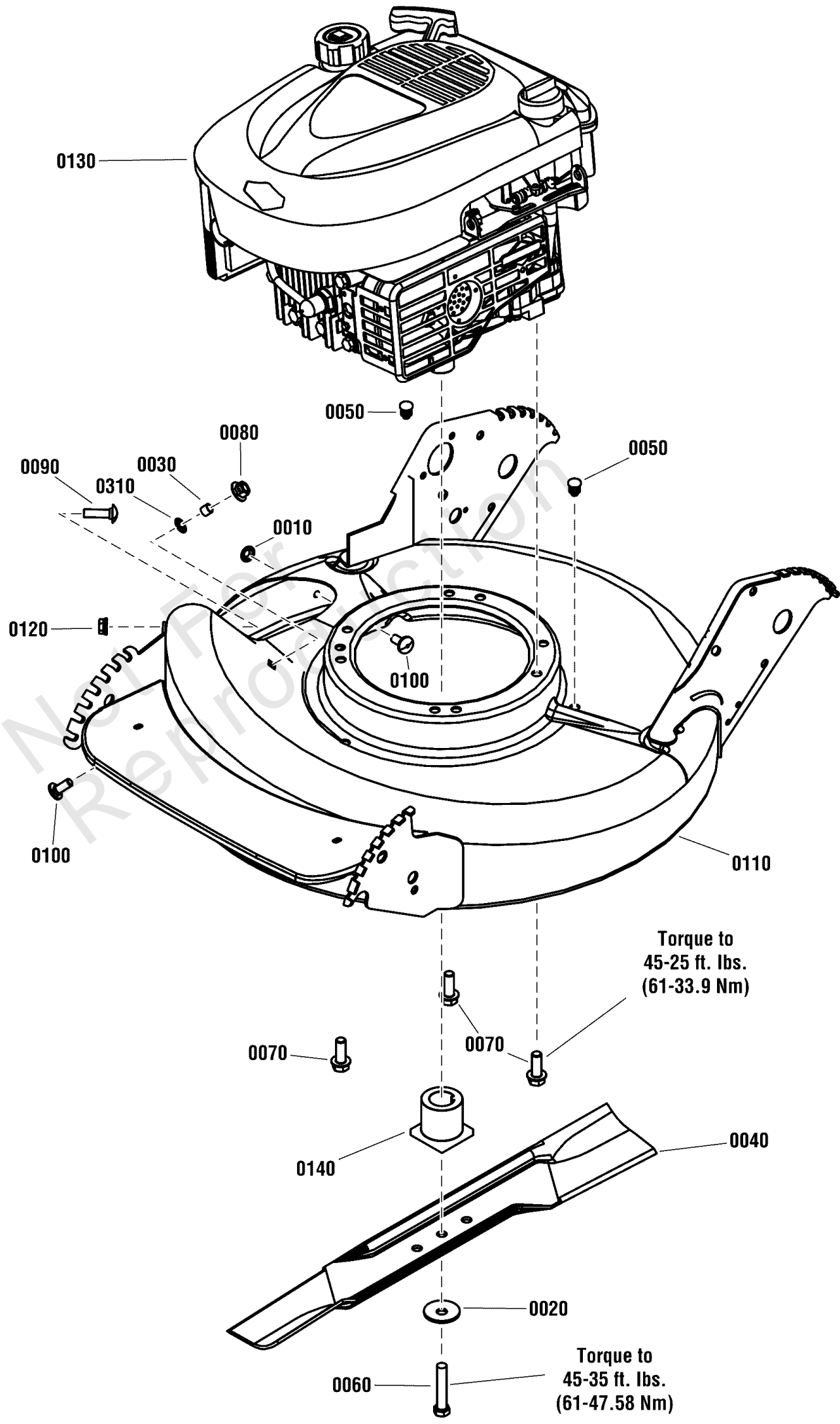
REF NO	PART NO	QTY	DESCRIPTION
0010	7102996YP	1	DECAL, Compliance, ICES
0030	7104148YP	1	DECAL, LOGO, REAR
0040	7075532YP	1	DECAL, Throttle Control, B&S
0510	7029782MA	1	DECAL, OPC Bail, INT'L Symbol
0600	7106353YP	1	DECAL SHEET, WARNINGS
0600-10	7105261YP	1	DECAL, FR/ENG, CPSC
0600-20	-----	1	DECAL, Warning/Danger, ENG/FRENCH -(Included on Decal Sheet #7106353YP)
0600-40	-----	1	DECAL, Spark Arrestor, ENG/FRENCH -(Included on Decal Sheet #7106353YP)
0600-50	-----	1	DECAL, Danger, English -(Included on Decal Sheet #7106353YP)
0600-60	-----	1	DECAL, Danger, French -(Included on Decal Sheet #7106353YP)
0610	7106322YP	1	DECAL, HI-VAC
0620	709542	1	DECAL, Turtle, 8.5TP
0620	7106319YP	1	DECAL, TURTLE, 8.75TP

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# Engine Group

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## Engine Group

REF NO	PART NO	QTY	DESCRIPTION
0010	703297	1	RETAINER, GR5, 5/16
0020	703963	1	WASHER, CONE
0030	7024340SM	1	SPACER, .316 I.D. x .375 O.D. x .310 thick
0040	7026691BZYP	1	BLADE, 21" STD.LIFT
0050	7046780SM	2	PLUG, Hole, .44" OD
0060	703999	1	SCREW, 3/8-24 X 2, Hex Head Cap, GR5
0070	704000	3	SCREW, 3/8-16 X 1.0, Hex Washer Self-Tap, ZC/CL
0080	704001	1	NUT, 5/16-18
0090	704002	1	BOLT,5/16-18X1.125
0100	703185	2	BOLT, Round Head, Short Square Neck
0110	7500549DYP	1	DECK KIT, HI-VAC
0120	703409	1	NUT, 5/16-18, GR5
0130	-----	1	* ENGINE, B&S 8.75 GT, PRO Model 121S02-0066-F1 -(Used on 7980946-02)
0130	121Q02-0028-F1	1	* ENGINE, B&S 8.5 GT, PRO Model 121Q02-0028-F1 -(Used on 7980079-00)
0140	7015626YP	1	HUB, Blade Drive, .25MM ID
0310	704015	1	WASHER, FLAT 5/16

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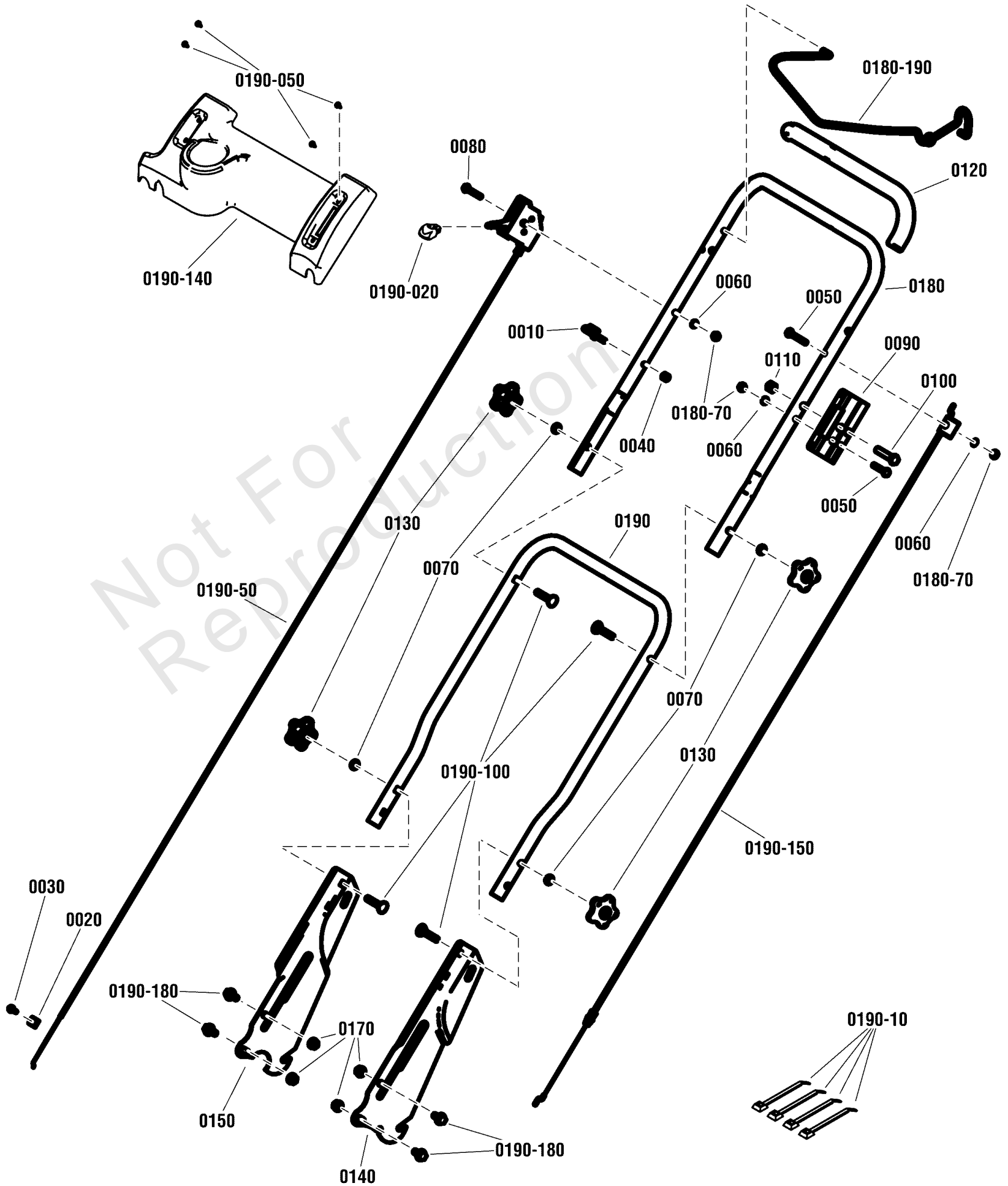
### Footnotes:

NOTE: \* Purchase engine & engine parts from engine service outlets.

# Handle Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 7800979-00



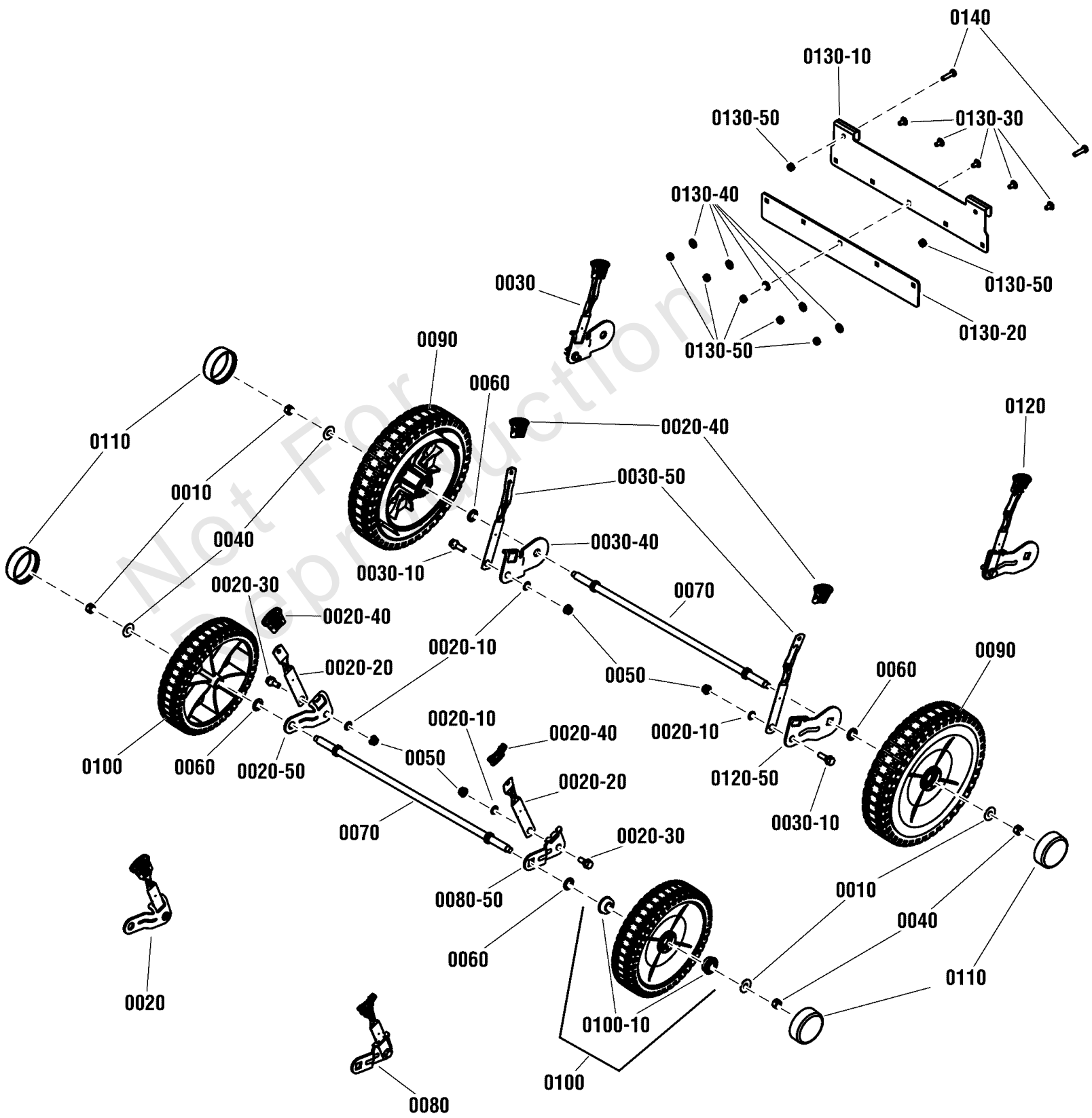
## Handle Group

REF NO	PART NO	QTY	DESCRIPTION
0010	7028488MA	1	GUIDE, 1/4-20, Rope, CL/ZC
0020	690798	1	CLAMP, Casing
0030	704324	1	SCREW, #10-32 X .615, Hex Head Cap Slotted, Zinc/Clear
0040	703232	1	NUT, 1/4-20, NYLOCK
0050	703234	2	CAPSCREW, 1/4-20X1.5
0060	703462	3	WASHER, LOCK, 1/4
0070	703587	4	WASHER, 5/16
0080	703588	1	SCREW
0090	7074003YP	1	BRACKET, Shift, Black Zinc
0100	703589	1	CAPSCREW, 3/8-16X2
0110	703347	1	NUT, 3/8-16
0120	7023810YP	1	FOAM GRIP, 18.75"
0130	7105085YP	4	KNOB,HANDLE,5 PRONG
0140	7033985AYP	1	HANDLE, Lower, ADJ, LH
0150	7033986AYP	1	HANDLE, LOWER, RH
0170	703409	4	NUT, 5/16-18, GR5
0180	7106258AYP	1	HANDLE
0180-70	703127	3	NUT
0180-190	7106255AYP	1	BAIL, OPC, Over-the-Top, Black
0190	7106232AYP	1	HANDLE, Middle, Black
0190-10	7024641YP	5	WIRE TIE, 5.5" L
0190-50	7102594YP	1	CONTROL, Throttle, W14, 63.12" L
0190-020	7075308YP	1	KNOB, Throttle, Red
0190-050	703961	4	SCREW, 1/4-20 X .550, T-30 Pan Head Torx, Self-Tapping, Zinc/Clear
0190-100	703059	4	BOLT, 5/16-18X2
0190-140	7106280YP	1	CONTROL PANEL, Push W/Throttle
0190-150	7106257YP	1	CABLE, OPC, 50.56" Long, Z Ends, Snap-in, for Over-the-Top Bail
0190-180	703354	4	SCREW, 5/16-18

# Wheel Group

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## Wheel Group

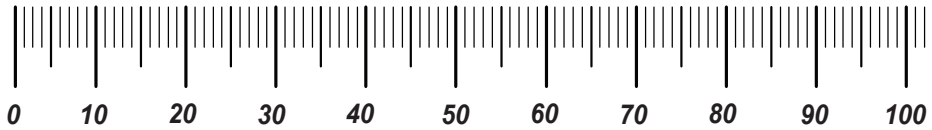
REF NO	PART NO	QTY	DESCRIPTION
0010	703966	4	WASHER, FLAT, .377X1
0020	7600180YP	1	KIT, FRONT WHEEL ARM
0020-10	703297	4	RETAINER, GR5, 5/16
0020-20	7012325YP	2	LATCH, Height
0020-30	703839	2	BOLT, 5/16-18X.75
0020-40	7103793YP	4	GRIP, HT LATCH, BLACK
0020-50	7031017YP	1	WHEEL ARM, Front, Round Hole, RH, Clear
0030	7054228YP	1	ASSEMBLY, Wheel Arm, Right Rear (Round hole) (Push)
0030-10	703840	2	BOLT,SHLDR 5/16-18X1
0030-40	7033776YP	1	WHEEL ARM, Rear R.H. Push Models (round hole) Zinc/Clear
0030-50	7035717YP	2	LATCH, Height Adjusting, (long)
0040	703347	4	NUT, 3/8-16
0050	703409	4	NUT, 5/16-18, GR5
0060	703835	4	WASHER, .531IDX.875OD
0070	7100752YP	2	AXLE, Easy Line (20.44" L, 3/8-16 Threads)
0080	7600183YP	1	KIT, FRONT WHEEL ARM
0080-50	7011393YP	1	WHEEL ARM, L.H. Front (.512 Square Hole) CZ/CL
0090	7503281	2	ASSEMBLY, Wheel, 10 x 2 Push, BB, Snapper Tread Charcoal Gray
0100	7503282	2	ASSEMBLY, Wheel, 8 X 2 Push w/Bearings, Gray
0100-10	7101380YP	8	BALL BEARING, Flange, 1-1/8 O.D. (Not Shown)
0110	7106302YP	4	HUBCAP, Round, 1.7" OD, Gray
0120	7600175YP	1	KIT, Wheel Arm Assembly, Left Rear Long (Push)
0120-50	7102587YP	1	WHEEL ARM, Rear, LH, Clear Zinc
0130-10	709674	1	SHIELD
0130-20	709675	1	SHIELD, Rubber
0130-30	703978	5	BOLT,1/4-20X0.5
0130-40	703332	5	WASHER
0130-50	703251	7	NUT, 1/4-20
0140	703820	2	CAPSCREW, 1/4-20X1

# Hardware Identification & Torque Specifications

Torque Specification Chart								
FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 20%)								
Property Class	5.6		8.8		10.9		12.9	
	Class 5.6		Class 8.8		Class 10.9		Class 12.9	
Size Of Hardware	in/lbs	Nm.	in/lbs	Nm.	in/lbs	Nm.	in/lbs	Nm.
	ft/lbs		ft/lbs		ft/lbs		ft/lbs	
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

Torque Specification Chart						
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)						
Hardware Grade	No Marks		SAE Grade 5		SAE Grade 8	
	SAE Grade 2		SAE Grade 5		SAE Grade 8	
Size Of Hardware	in/lbs	Nm.	in/lbs	Nm.	in/lbs	Nm.
	ft/lbs		ft/lbs		ft/lbs	
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

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

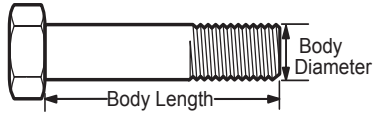


Nut, M8

Thread Diameter (mm)

Inside Diameter (in)      Threads per inch

Nut, 1/2-16

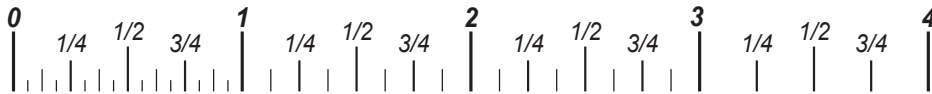


Screw, M8- 1.25 x 25

Thread Diameter (mm)      Distance between threads (mm)      Body Length (mm)

Body Diameter      Threads per inch      Body Length (in)

Screw, 1/2- 16 x 2



## 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).

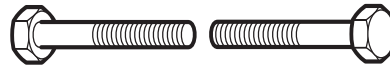
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

## 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

Hex Head Capscrew



Washer



Carriage Bolt



Hex Nut

## 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

