

Parts Manual

Mfg. No: 48377
61" E-Z Dump Collection System

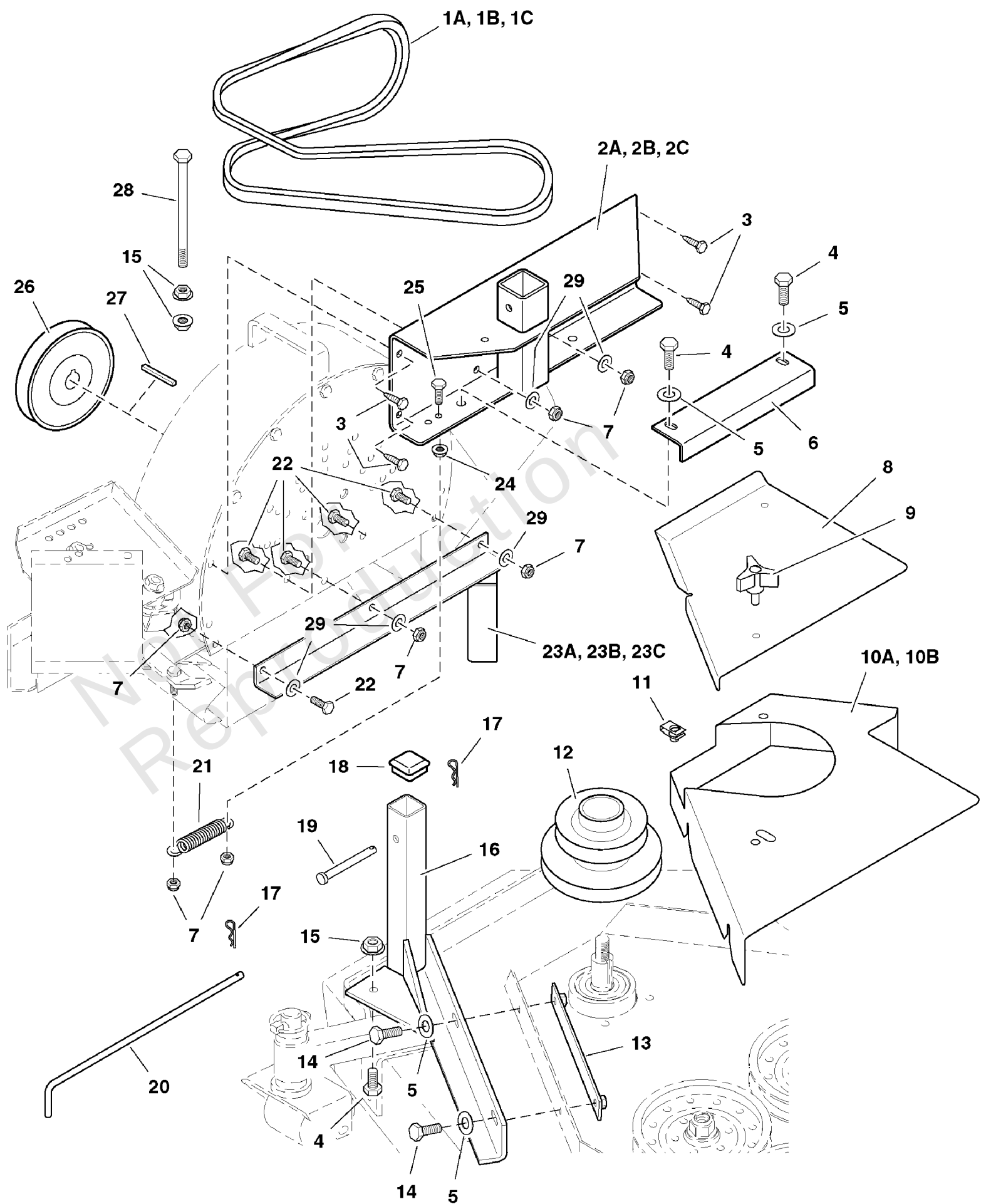
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Not For
Reproduction

61" Blower Mount & Drive Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 48377



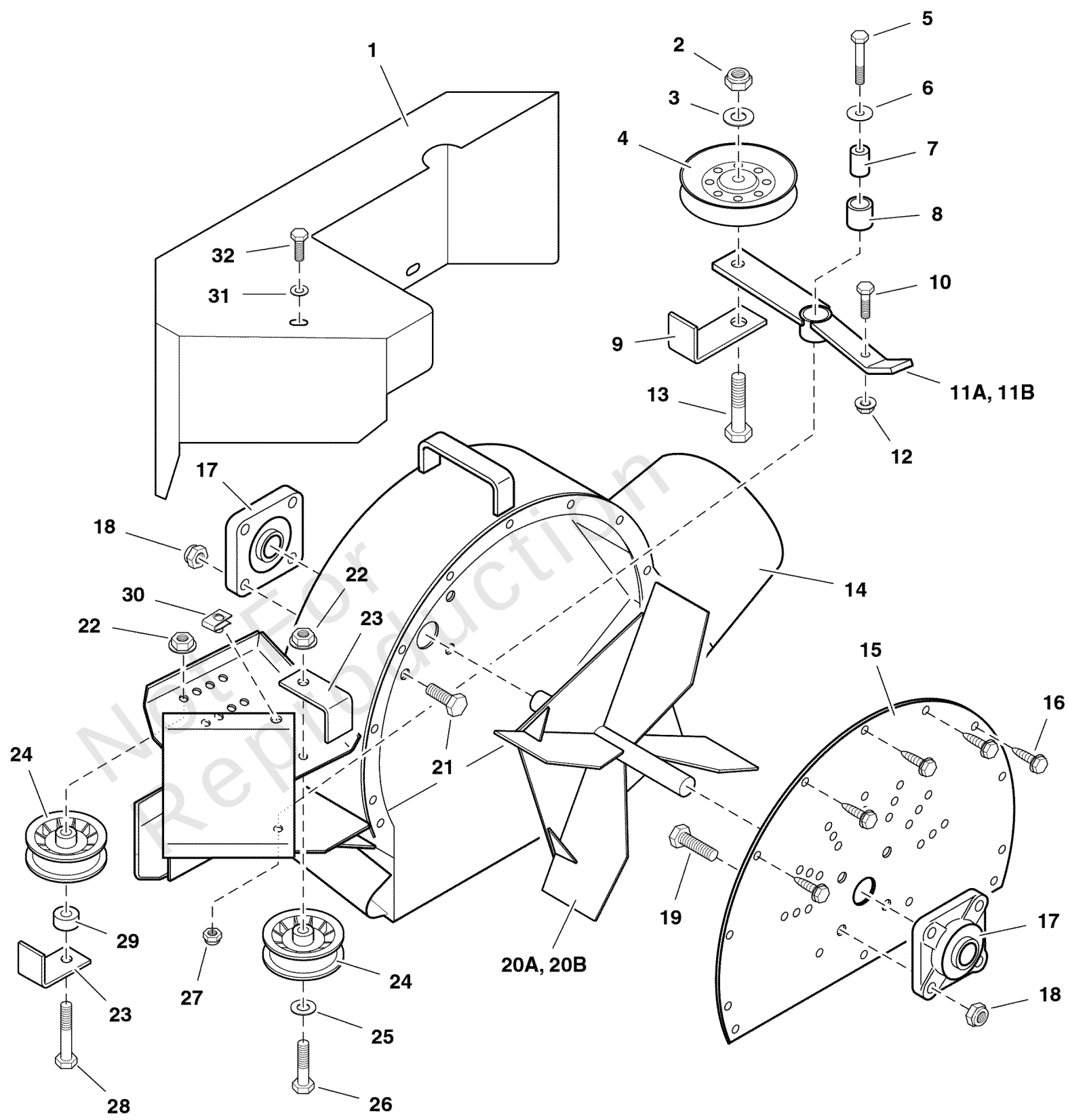
61" Blower Mount & Drive Group

REF NO	PART NO	QTY	DESCRIPTION
1A	5022840SM	1	BELT, # 7-6716, 85
1B	5022844SM	1	BELT, #7-6718, 92.0"
1C	5023107SM	1	BELT, A92
2A	502846871	1	BLOWER MOUNT (31207)(31207-61)
2B	5047520ASM	1	BLOWER MOUNT (31207-61A)
2C	5048271ASM	1	BLOWER MOUNT WELDMENT
3	5025059X6	4	SCREW, Self-tapping, 5/16-18 x 3/4
4	5025013X8SM	3	BOLT, 3/8-16 X 1" GD5
5	5025156SM	4	WASHER, 3/8
6	502846814	1	BOTTOM BRACE
7	5025057SM	7	NUT, Hex, Nylon Lock, 5/16-18
8	502846872	1	BELT SHIELD
9	5022319SM	2	KNOB, PLASTIC, 5/16-1
10A	502846874	1	DECK GUARD (31207)(31207-61)
10B	502847515	1	DECK GUARD (31207-61A)(31207-61B)
11	5022308SM	2	BODY CLIP, 5/16-18 X
12	5046702SM	1	PULLEY,DECK,61" BLOWE
13	502846844	1	INSIDE SUPPORT
14	5025013X10SM	2	BOLT, 3/8-16 X 1-1/4"
15	5025128SM	3	NUT, 3/8-16 HEX SERRA
16	502846842	1	BLOWER DECK SUPPORT
17	1918196SM	2	HAIRPIN CLIP
18	5022848	1	CAP
19	5025214X32	1	CLEVIS PIN, 3/8 x 4
20	5046773	1	QUICK CONNECT ROD
21	5020807SM	1	SPRING, EXTENSION
22	5025011X6SM	5	BOLT, 5/16-18 X 3/4"
23A	502846812	1	BOTTOM ADAPTER (31207)(31207-61)
23B	502847517	1	BOTTOM ADAPTER (31207-61A)
23C	502848272	1	BOTTOM ADAPTER (31207-61B)
24	1931277SM	1	NUT, Hex, Serrated Flange, 5/16-18
25	5025011X10SM	1	CAPSCREW, Hex Hd, 5/16-18 x 1-1/4
26	5046808	1	BLOWER DRIVE PULLEY
27	5022726	1	KEY, 1/4 Sq. x 1-1/2
28	5025013X48SM	1	BOLT, 3/8-16 X 6" GD5
29	703302	5	WASHER, 5/16

Blower Housing, Impeller, Guard & Idler Group

Note: Unless noted otherwise, use the standard torque specifications

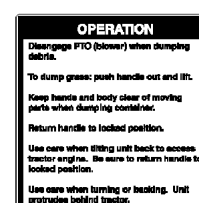
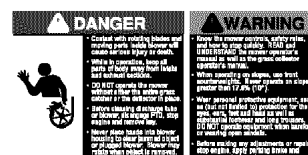
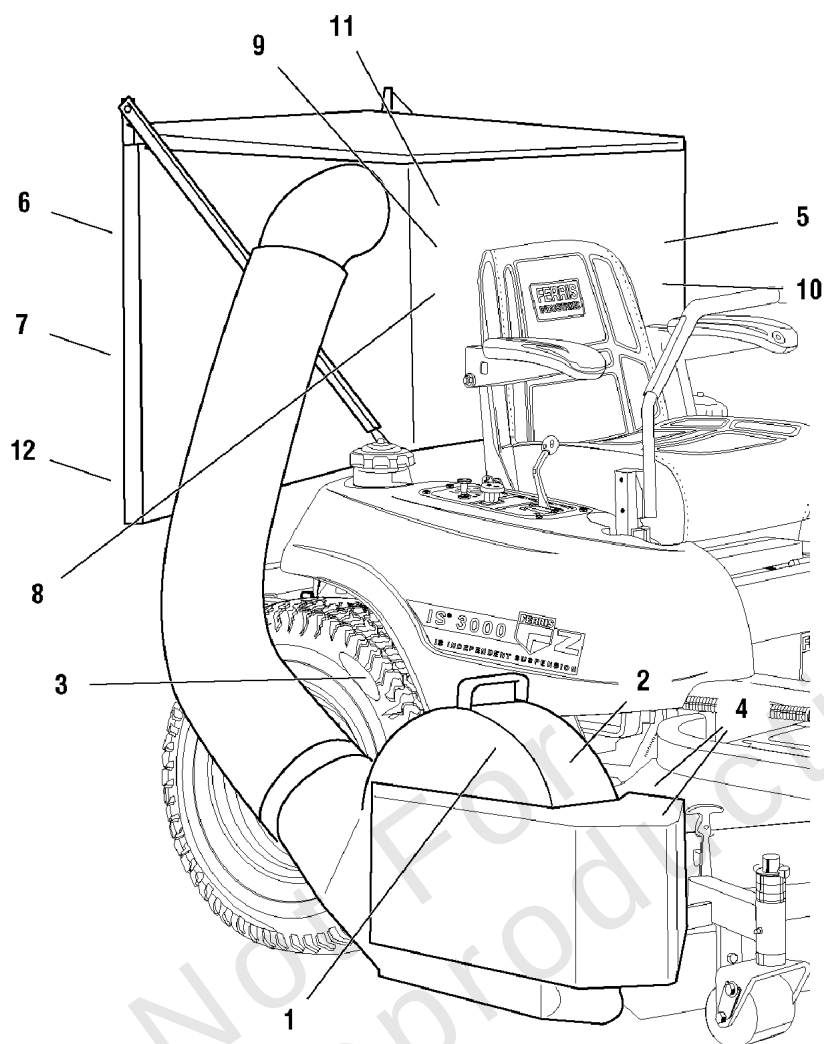
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Blower Housing, Impeller, Guard & Idler Group

REF NO	PART NO	QTY	DESCRIPTION
1	5046782A	1	BELT GUARD
2	5025056	1	NUT, 1/2-13 HEX NYLON LOCK
3	5025158	1	WASHER, 1/2 SAE
4	5021097	1	PULLEY, V-Idler
5	5025011X14	1	BOLT, 5/16-18 x 1-3/4
6	5025164	1	WASHER, 5/16" Fender
7	5042134	1	SPACER, .32 x .75 x 1.06
8	5020876B	1	BUSHING, Brass
9	5046824A	1	BELT KEEP
10	5025011X10	1	BOLT, 5/16-18 x 1-1/4
11a	5046827A	1	IDLER ARM -(31207, All / 31207-48, S/N: 101-160 / 31207-52, S/N: 101-140 / 31207-61, All)
11b	5047253A	1	IDLER ARM -(31207-48, S/N: 161 & above / 31207-52, S/N: 141 & above / 31207-61A, All / 31207-61B, All)
12	5025127	1	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
13	5025017X18	1	BOLT, 1/2-13 X 2-1/4" GD5 CZ
14	5046781A	1	BLOWER HOUSING
15	5046853A	1	BACK PLATE
16	5025059X6	5	BOLT, Self-Tapping, 5/16-18 x 3/4
17	5022832	2	BEARING
18	5025125	8	NUT, 7/16-14 Hex Nylon Lock
19	5025015X12	4	BOLT, 7/16-14 x 1-1/2
20a	5403741	1	WELD, IMPELLER, FAST VAC BLOWER -(Production Date 04/06/2010 & Earlier)
20b	5407093	1	WELD, IMPELLER, FAST-VAC BLOWER -(Production Date 04/07/2010 & Later)
21	5025015X10	4	BOLT, 7/16-14 x 1-1/4
22	5025128	2	NUT, 3/8-16 Hex Serrated Flange
23	5046813A	2	BELT KEEP
24	1721133SM	2	PULLEY, IDLER
25	5025156	1	WASHER, 3/8 SAE
26	5025013X14	1	BOLT, 3/8-16 X 1-3/4" GD5 CZ
27	5025057	1	NUT, 5/16-18 Hex Nylon Lock
28	5025013X18	1	BOLT, 3/8-16 X 2-1/4" GD5 CZ
29	5046860	1	SPACER, .39 x 1.00 x .50
30	5022308	3	BODY CLIP, 5/16-18-7GA MATERIAL
31	5025155	3	WASHER, 5/16" SAE
32	5025011X8	3	BOLT, 5/16-18 X 1 GD5 YZ

1 — **FAST-Vac**



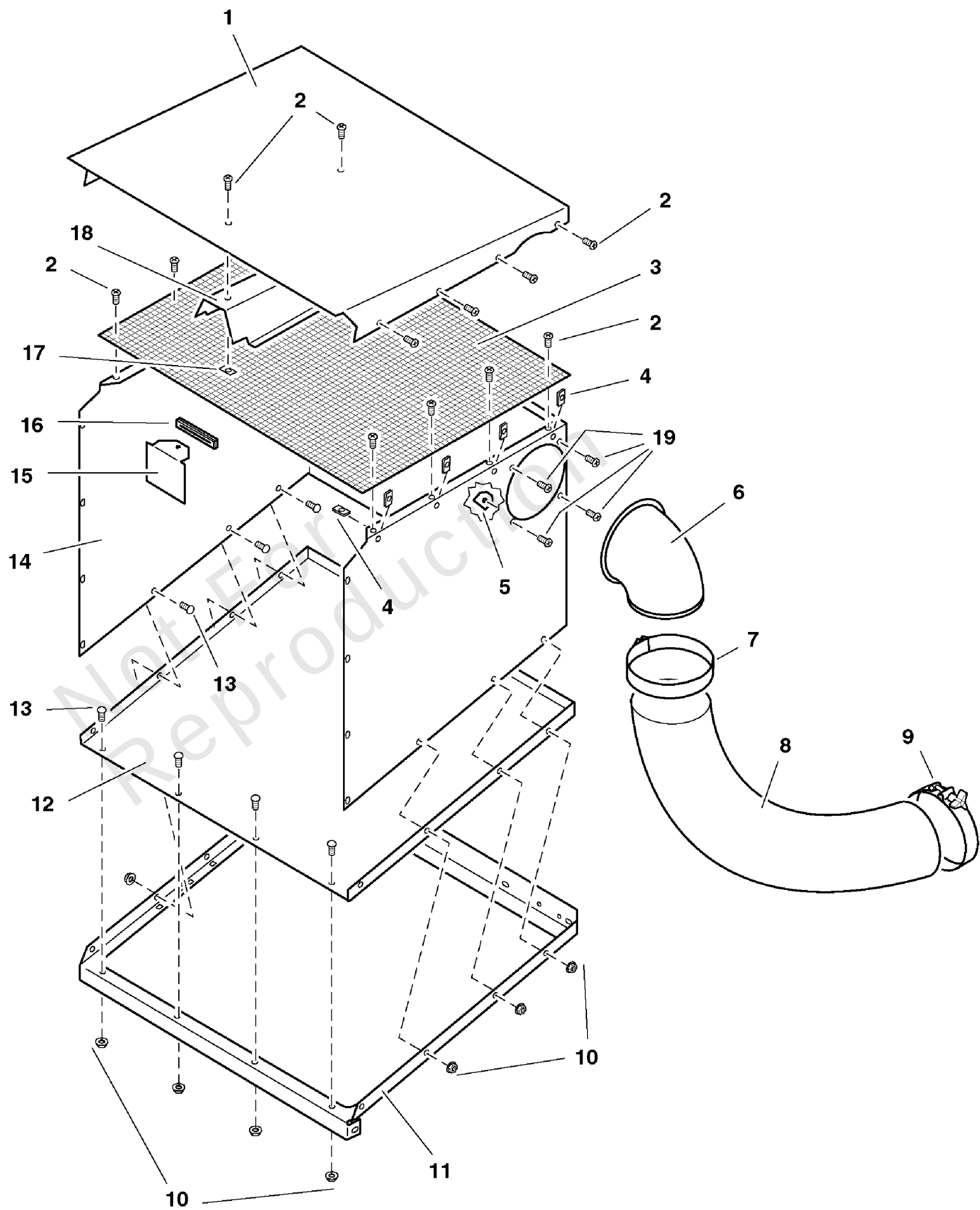
Decals - Brand, Safety & Instruction

REF NO	PART NO	QTY	DESCRIPTION
1	5046944	1	DECAL, Fast-Vac
2	5046850	1	DECAL, Danger/Warning
3	5046851	1	DECAL, Warning-Blower
4	5046883	2	DECAL, Warning-Shield
5	5023083	1	DECAL, Operation
6	R1050	1	DECAL, Warning
7	R1053	1	DECAL, Caution
8	R1052	1	DECAL, Warning
9	R1051	1	DECAL, Warning
10	R1055	1	DECAL, Dump Grass
11	R1054	1	DECAL, Tube Wear
12	R1057	2	DECAL, Strip

E-Z Dump Box & Frame Group

Note: Unless noted otherwise, use the standard torque specifications

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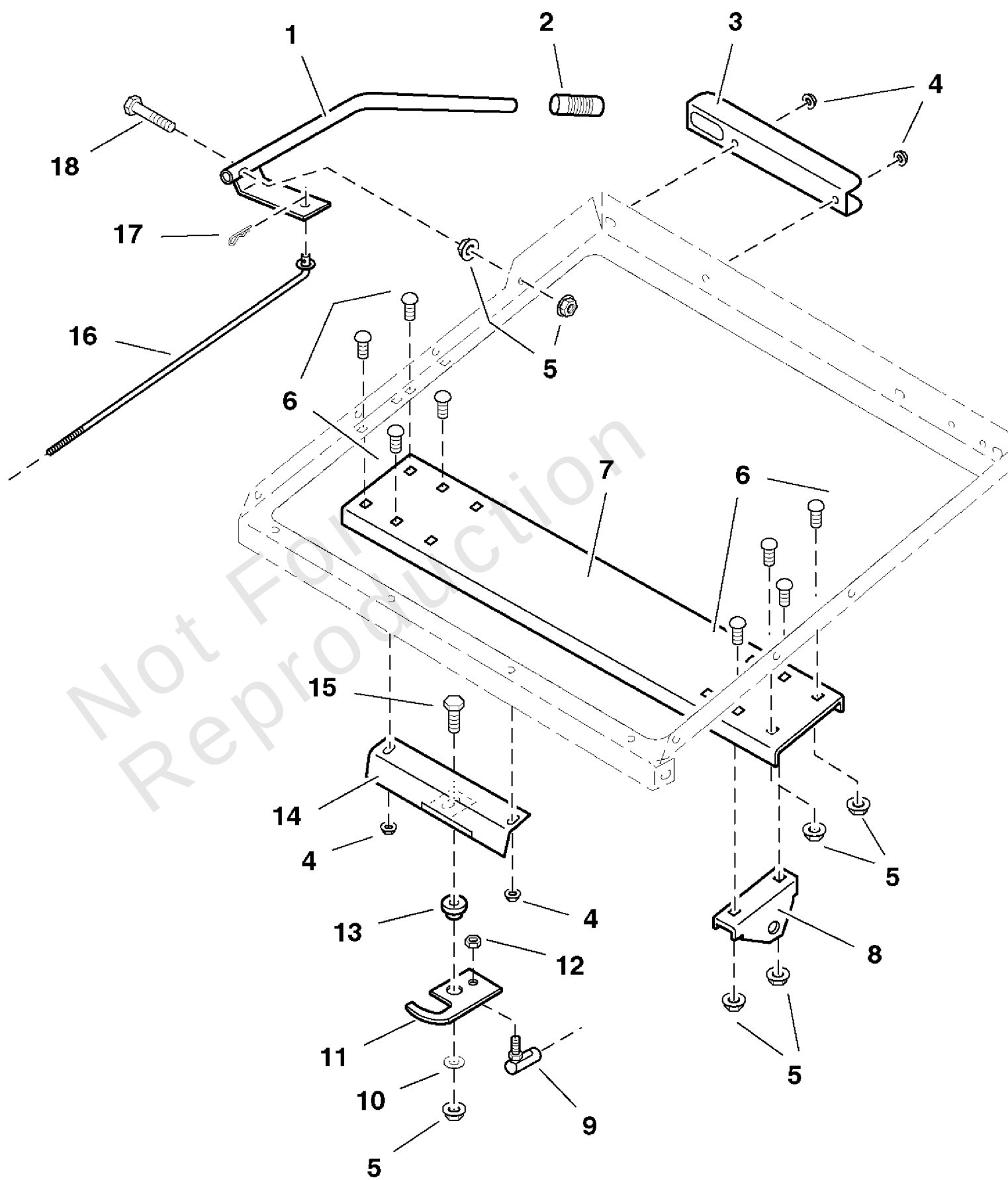
E-Z Dump Box & Frame Group

REF NO	PART NO	QTY	DESCRIPTION
1	5800108	1	BOX TOP
2	K1096	25	PHILIPS PAN HEAD SCREW, 14 x 1/2
3	5800105	1	SCREEN
4	K0028	23	TINNERMAN CLIP
5	5800099	4	INLET CLAMP
6	5800117	1	INLET
7	5022875	1	HOSE CLAMP, Upper
8	5103646	1	HOSE, FLEXIBLE, 7" DIA. X 58"
9	5022876	1	HOSE CLAMP, Lower
10	K1126	10	NUT, Hex, Flange, 1/4-20
11	5800102	1	BASE FRAME
12	5800107	1	BOX BOTTOM
13	K1010	10	CARRIAGE BOLT, 1/4-20 x 5/8
14	5800106	1	BOX BACK & SIDES
15	5800110	1	FULL GAUGE
16	5800116	1	SEAL
17	K0029	2	TINNERMAN NUT
18	5800109	1	SCREEN SUPPORT
19	K1092	4	PHILIPS PAN HEAD SCREW, 14 x 3/4

E-Z Dump Box Handle, Latch & Pivot Group

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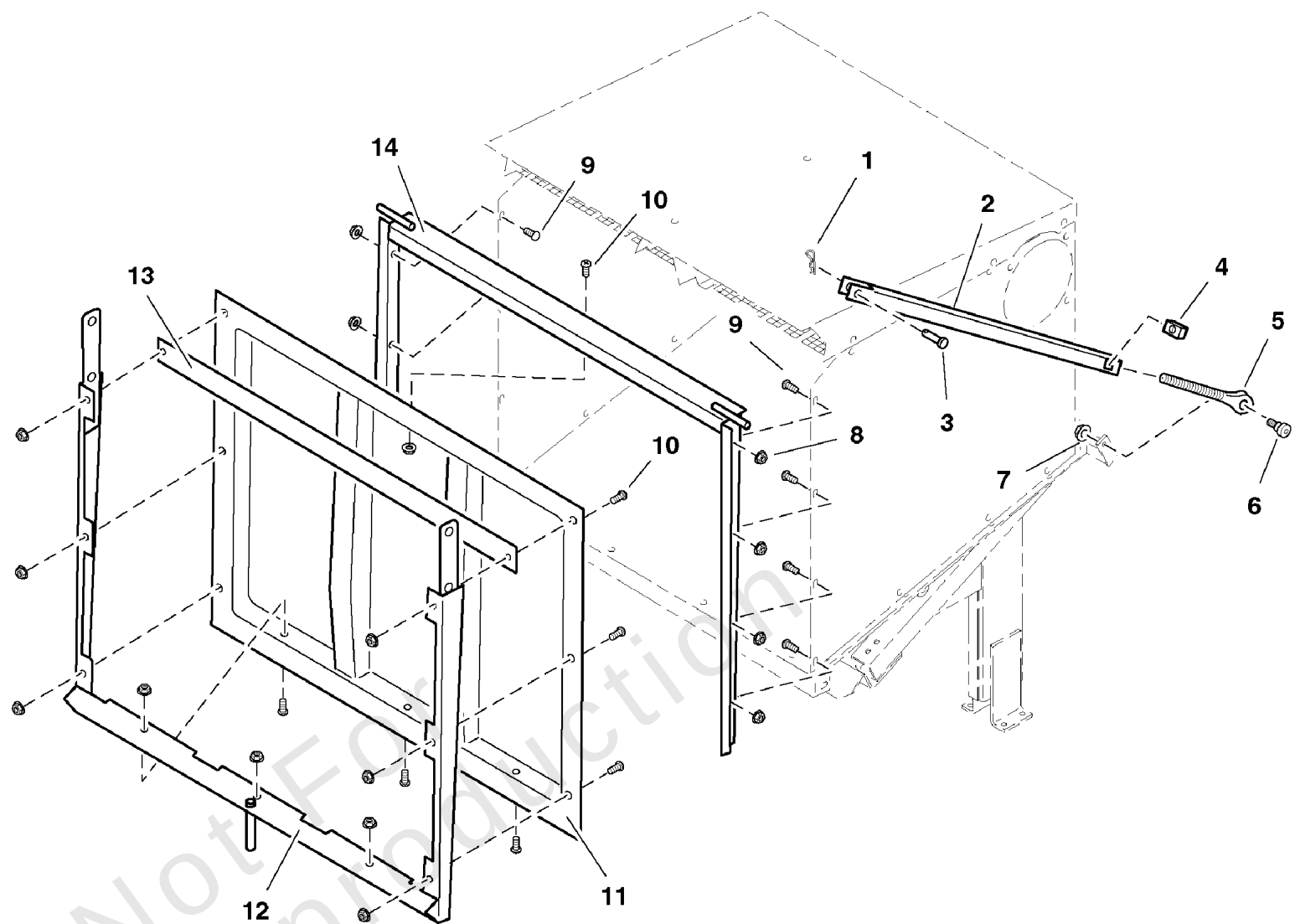
E-Z Dump Box Handle, Latch & Pivot Group

REF NO	PART NO	QTY	DESCRIPTION
1	5800094	1	BOX HANDLE
2	J0522	1	GRIP
3	5800101	1	HANDLE MOUNT BRACKET
4	K1126	4	NUT, Hex, Flange, 1/4-20
5	5025128	10	NUT, 3/8-16 Hex Serrated Flange
6	K1182	8	CARRIAGE BOLT, 3/8-16 x 1-1/2
7	5800100	1	BASE FRAME PIVOT MOUNT
8	5800098	2	PIVOT BRACKET
9	K1442	1	BALL JOINT
10	5025156	1	WASHER, 3/8 SAE
11	5800097	1	LATCH HOOK
12	K1215	1	NUT, Hex
13	5800115	1	LATCH HOOK HUB
14	5800092	1	LATCH HOOK PIVOT PLATE
15	K1191	1	CAPSCREW, Hex Hd, 3/8-16 x 1
16	5800093	1	LATCH ROD
17	K0094	1	HAIRPIN CLIP
18	5025013X16	1	BOLT, 3/8-16 X 2, GD5, CZ

E-Z Dump Door & Linkage Rod Group

Note: Unless noted otherwise, use the standard torque specifications

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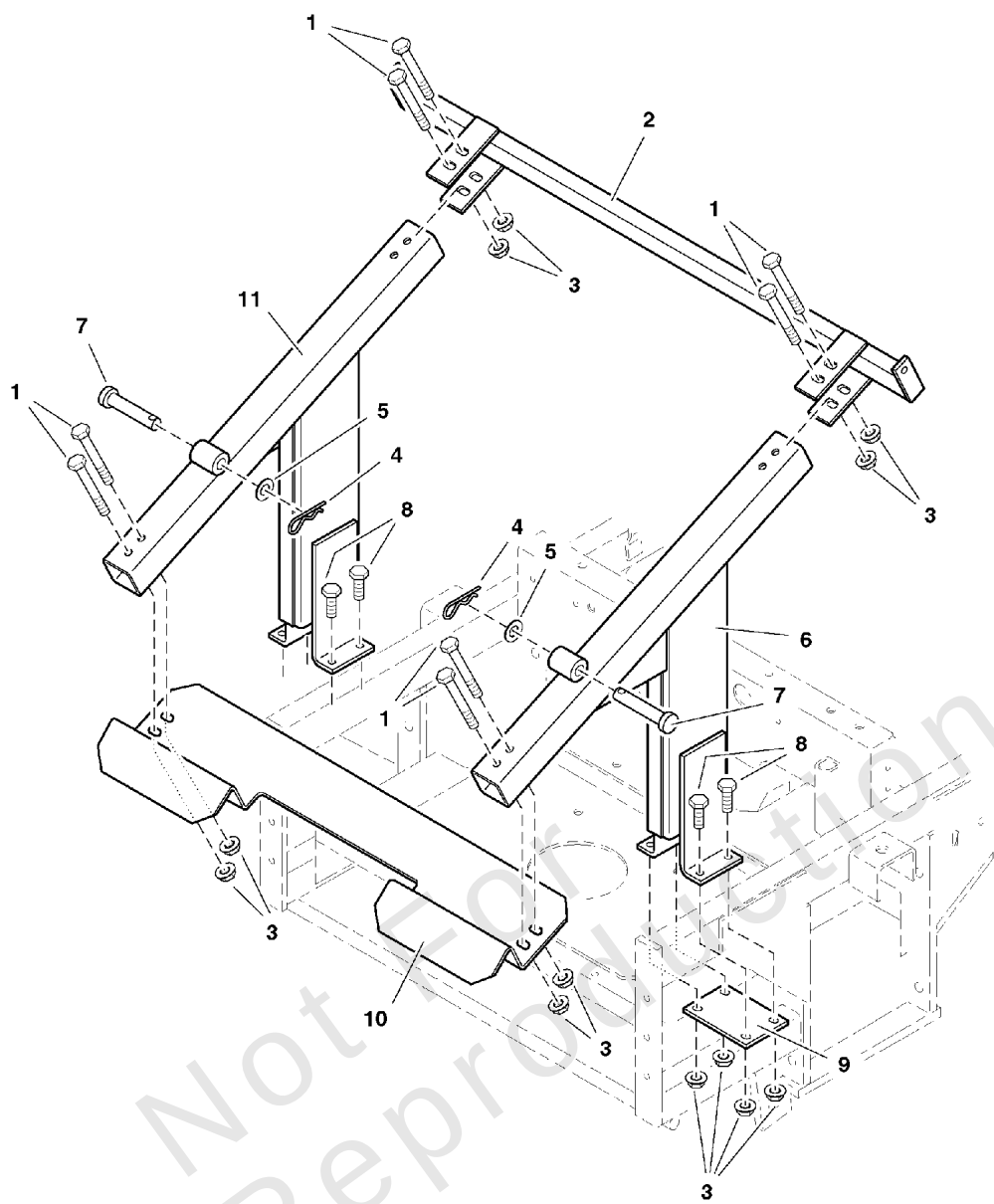
E-Z Dump Door & Linkage Rod Group

REF NO	PART NO	QTY	DESCRIPTION
1	K1437	2	PIN, RUE RING HAIR
2	5800103	2	LINKAGE ROD
3	K1418	2	LINKAGE PIN
4	K1422	2	ADJUSTING NUT
5	K1435	2	ADJUSTING SCREW
6	5025356	2	SHOULDER BOLT, 3/8 x 1/2
7	5025128	2	NUT, 3/8-16 Hex Serrated Flange
8	K1126	18	NUT, Hex, Flange, 1/4-20
9	K1010	10	CARRIAGE BOLT, 1/4-20 x 5/8
10	K1131	10	PHILIPS HEAD PAN SCREW, 1/4-20 x 5/8
11	5800118	1	PLASTIC DOOR
12	5800095	1	DOOR FRAME ASSEMBLY
13	5800104	1	UPPER DOOR MEMBER
14	5800096	1	BOX & DOOR FRAME

E-Z Dump Mount Group

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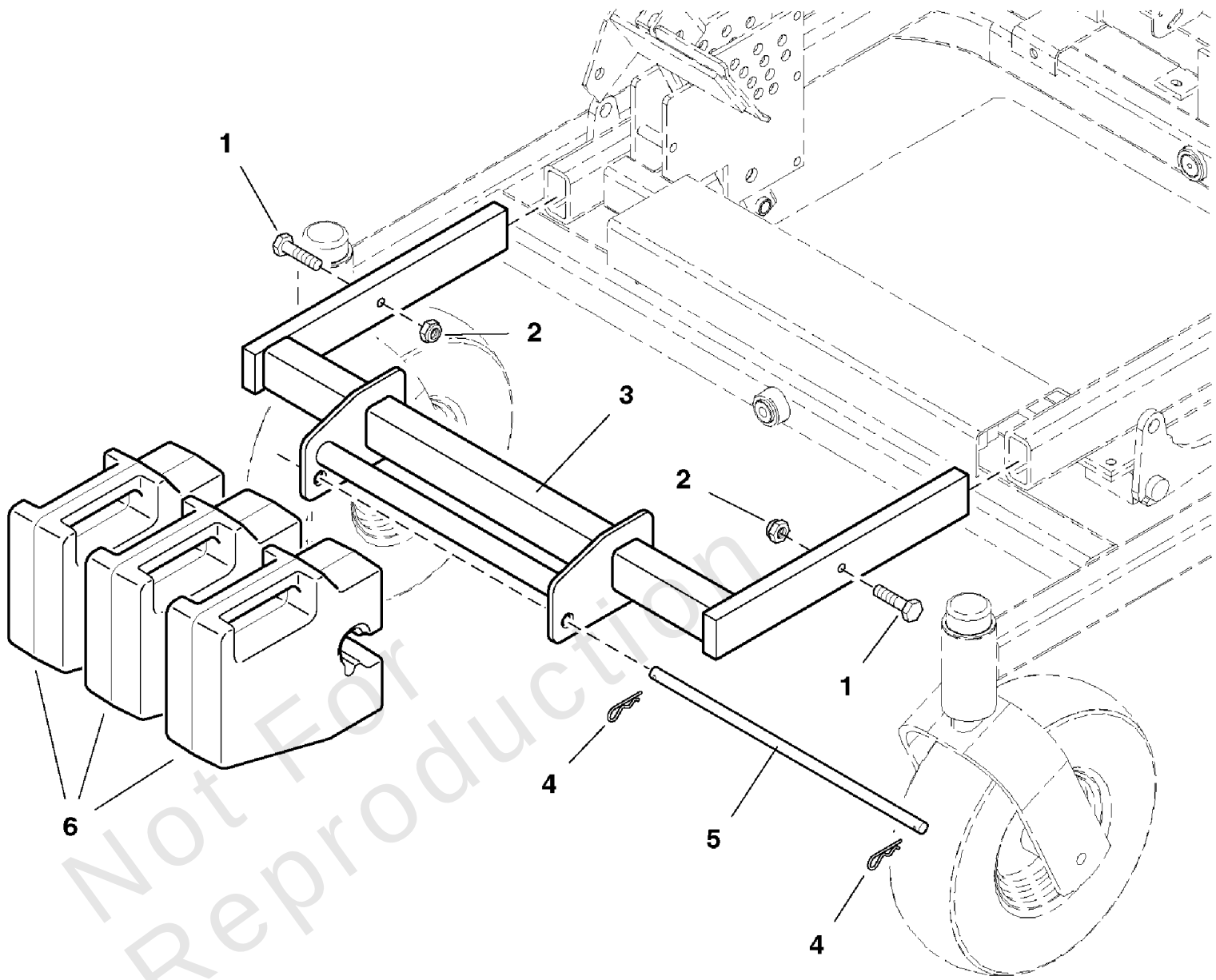
E-Z Dump Mount Group

REF NO	PART NO	QTY	DESCRIPTION
1	5025013X24	8	BOLT, 3/8-16 X 3" GD5 CZ
2	5048202A	1	FRONT CROSS MEMBER
3	5025128	16	NUT, 3/8-16 Hex Serrated Flange
4	K0088	1	HAIRPIN CLIP
5	5025281	2	WASHER, 5/8" SAE
6	5048212A	1	FRAME UPRIGHT - RH
7	K0172	1	PIN, Clevis, 5/8 x 3
8	5025013X10	8	BOLT, 3/8-16 X 1-1/4" GD5 CZ
9	5048205A	2	BOTTOM BRACE
10	5048207A	1	REAR CROSS SUPPORT
11	5048213A	1	FRAME UPRIGHT - LH

Weight Mount Group - IS3000Z & Stallion Models

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Weight Mount Group - IS3000Z & Stallion Models

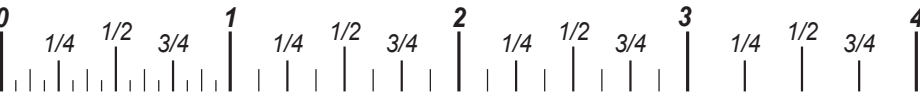
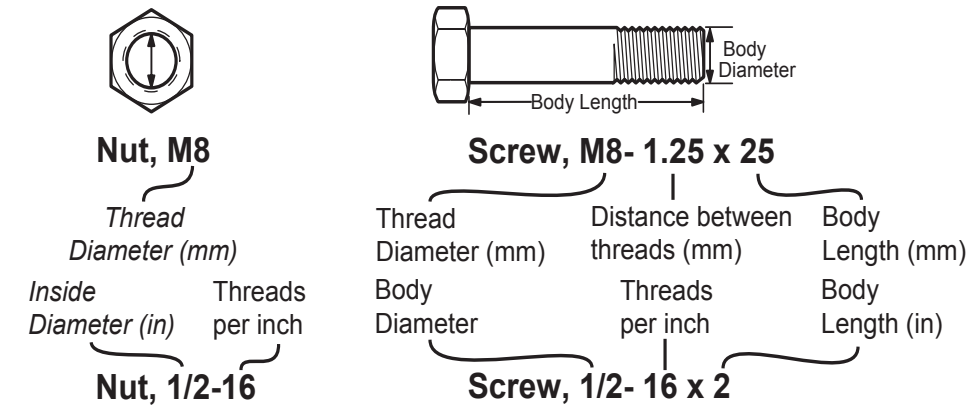
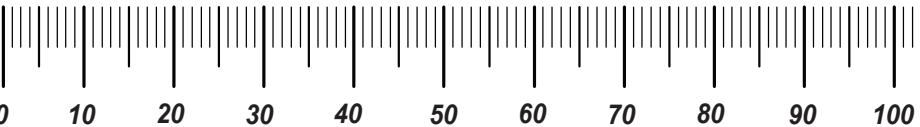
REF NO	PART NO	QTY	DESCRIPTION
1	5025013X16SM	2	CAPSCREW, Hex Hd, 3/8-16 x 2
2	5025096SM	2	NUT, 3/8-16 HEX NYLON
3	5046169ASM	1	WEIGHT MOUNT FRAME
4	1918196SM	2	HAIR PIN CLIP
5	5046174ASM	1	ROD, WEIGHT RETAINER
6	1692939	3	COUNTERWEIGHT, 50lbs (3-Bag Systems)
*	1692939	2	COUNTERWEIGHT, 50lbs. (E-Z Dump Systems)

Not For Reproduction

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).

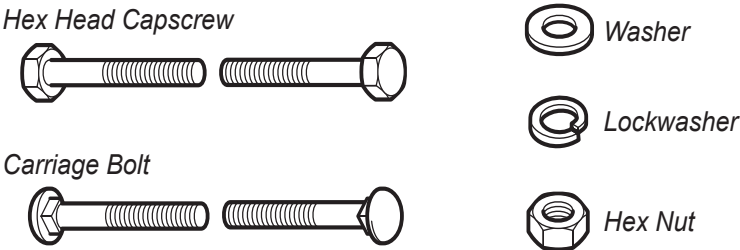
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

