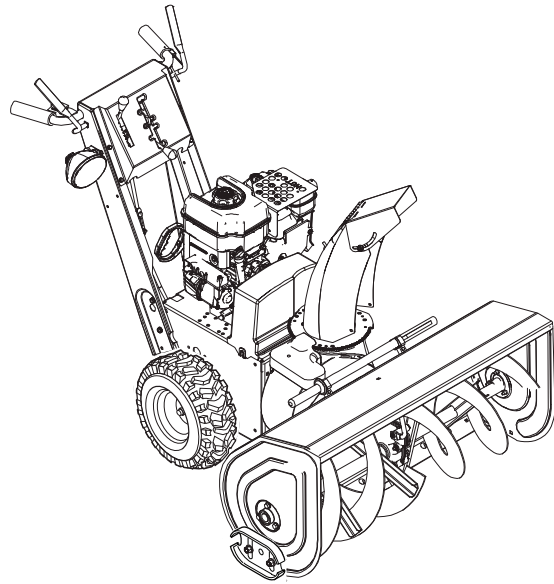




Signature Pro

Dual Stage Snowthrowers

Attachment

Mfg. No.	Description
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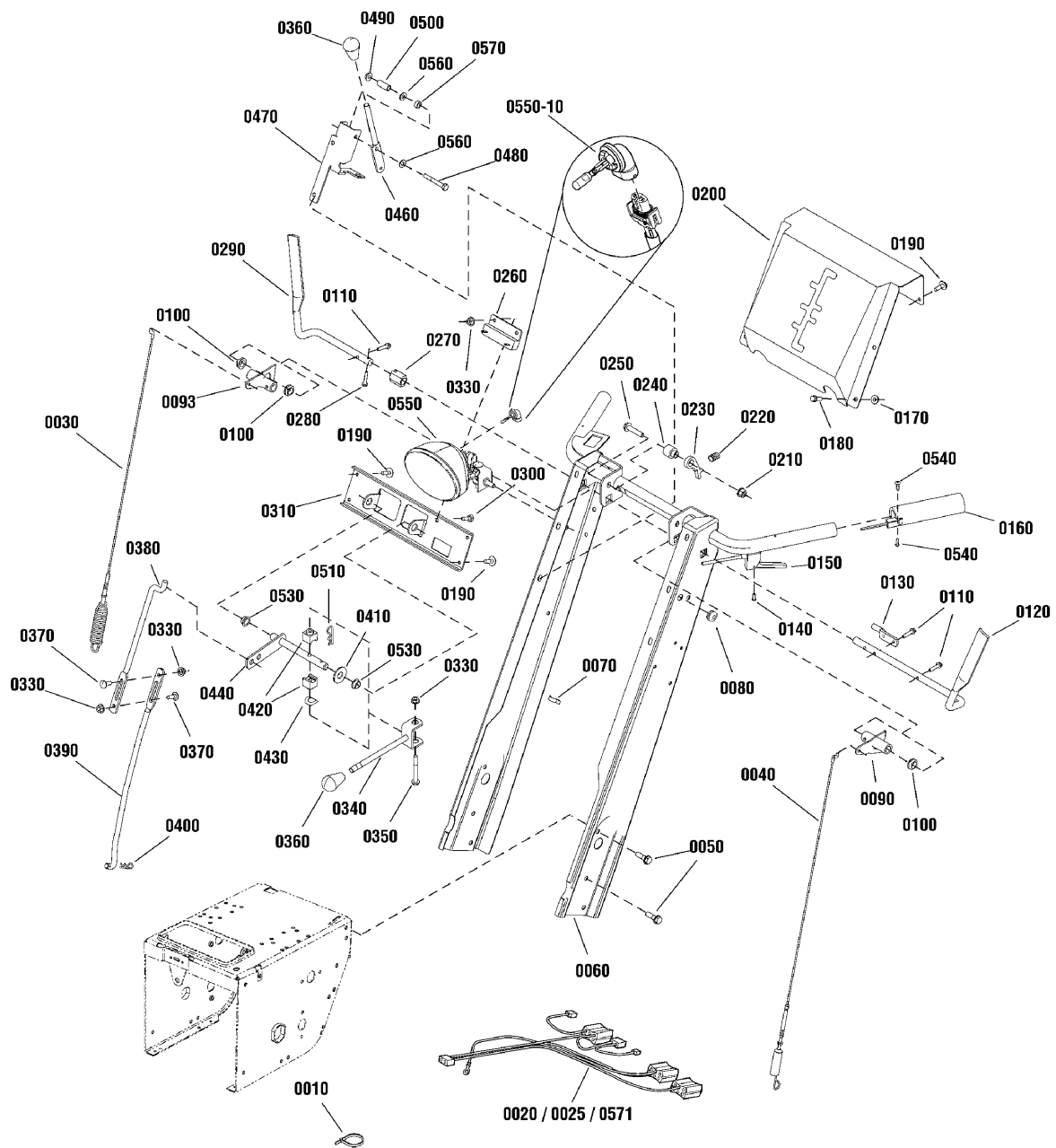
1695903-01	SIP1728EX, 16.5TP 28" Professional Dual Stage Snowthrower (CE/Export)
1696204-00	SIP2132SE, 21.0TP 32" Professional Dual Stage Snowthrower (CE/Export)
1696239-00	P1524E, 14.5TP 24" Professional Dual Stage Snowthrower
1696240-00	P1728E, 16.5TP 28" Professional Dual Stage Snowthrower
1696241-00	P2132E, 21.0TP 32" Professional Dual Stage Snowthrower
1696242-00	P2138E, 21.0TP 38" Professional Dual Stage Snowthrower

PRODUCT COMPONENTS	PAGES
Handles & Controls Group	4
Engine & Frame Group - 14.5TP & 16.5TP	8
Engine & Frame Group - 21TP	12
Auger Drive Group - Heavy Duty	16
Auger Housing Group	18
Traction Drive Group	20
Wheels & Tires Group	24
Decals Group	26
Chute & Rotation Group	28
Gear Case Assembly - Heavy Duty	30
Torque Specification Chart	Inside Back Cover

Handles & Controls Group

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

2990392



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

1695903-01 - SIP1728E 1696242-00 - P2138E
1696204-00 - SIP2132S
1696239-00 - P1524E
1696240-00 - P1728E
1696241-00 - P2132E

Handles & Controls Group

REF NO	PART NO.	QTY.	DESCRIPTION
0010	1701011SM	5	TIE, Self Lock
0020	1755059YP	1	HARNESS, Wiring (24" Model Only)
0020	1750773YP	1	HARNESS, Wiring (28, 32 & 38" models)
0025	1752164YP	1	HARNESS, Heated Hand Grip
0030	1735148SM	1	CABLE & SPRING ASSEMBLY, Auger, R.H.
0040	1728115SM	1	CABLE & SPRING ASSEMBLY, Traction, L.H.
0050	1664847SM	6	CAPSCREW, Hex Flange, 5/16-18 x 3/4
0060	1733890CSM	1	HANDLE ASSEMBLY (24" Model Only)
0060	1753936CYP	1	HANDLE ASSEMBLY (28, 32 & 38" models)
0070	2834683SM	2	CLIP, Wire
0080	1664022SM	1	GROMMET
0090	1725205ASM	1	LEVER, Clutch, L.H.
0093	1735133ASM	1	LEVER, Clutch, R.H.
0100	1732732SM	3	BUSHING
0110	1960471SM	4	CAPSCREW, Hex Washer Head, Taptite, #12-24 x 1
0120	1727127SM	1	HANDLE, Clutch, L.H.
0130	1677453SM	1	ROD, Control, 2-7/8
0140	1725702SM	1	SCREW, Pan Head Torx, #10 x 1/2
0150	1718791SM	1	CABLE & HANDLE ASSEMBLY
0160	1738124YP	2	GRIP, Hand, Heated
0170	1930641SM	4	NUT, Hex Flange, Whiz Lock, 1/4-20
0180	1935450SM	4	CAPSCREW, Hex Flange Head, 1/4-20 x 3/4
0190	1925592SM	6	CAPSCREW, Hex Washer Head, Taptite, 1/4-20 x 3/4
0200	1734387CSM	1	DASH, Handle (24" Model Only)
0200	1733919CSM	1	DASH, Handle (28, 32 & 38" models)
0210	1960686SM	1	NUT, Hex Flange, ESNA, 5/16-18
0220	1701342SM	1	SPRING, Compression
0230	1705898SM	1	LATCH, Control
0240	1678579SM	1	SPACER
0250	1933689SM	1	CAPSCREW, Hex Flange, Whiz Lock, 5/16-18 x 1-1/2 (28, 32 & 38" models)
0260	1724037SM	1	RESISTOR BLOCK
0270	1705899SM	1	GUIDE, Control
0280	1928732SM	1	SCREW, Hex Washer Head, Taptite, #10-24 x 1
0290	1727128SM	1	HANDLE, Clutch, R.H.
0300	1923341SM	1	CAPSCREW, Hex Flange Head, 1/4-20 x 3/4 (24" Domestic & 28" Export Model Only)
0310	1753953BMYP	1	BRACKET, Shift Control
0330	1960685SM	4	NUT, Hex Keps, 1/4-20
0340	1668523SM	1	ROD & CLEVIS ASSEMBLY
0350	1960705SM	1	CAPSCREW, Hex Flange, Whiz Lock, 1/4-20 x 2-1/4
0360	1732470SM	2	KNOB
0370	1931317SM	2	BOLT, Carriage, 1/4-20 x 3/4
0380	1734388SM	1	ROD, Shift, Upper, 10-1/2
0390	1666255SM	1	ROD, Shift, 15-5/16
0400	1722460SM	1	PIN, Quick

Footnotes

Note* See your local hardware store for replacement bulbs.

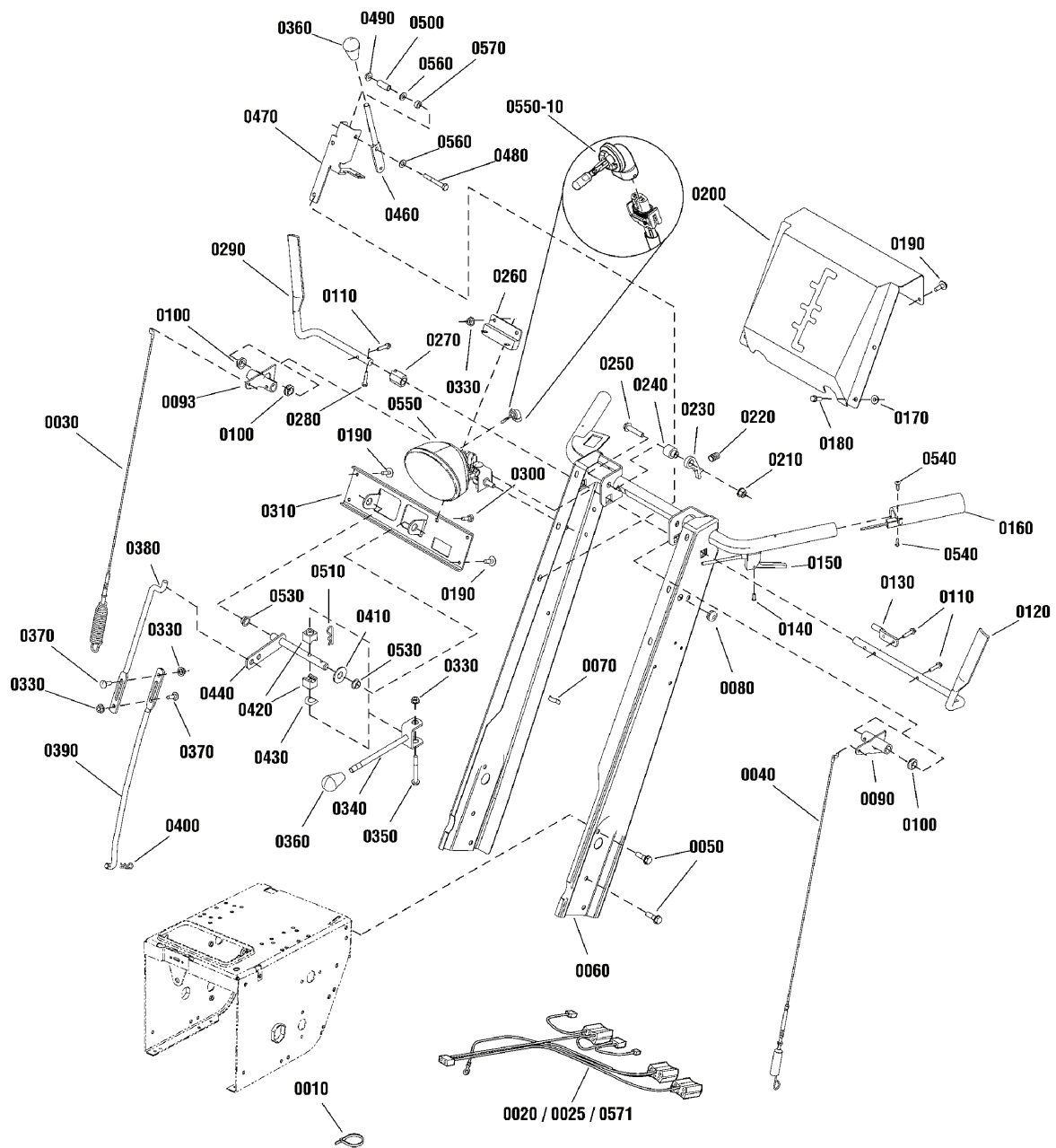
The above parts group applies to the following Mfg. Nos.:

1695903-01 - SIP1728E 1696242-00 - P2138E
 1696204-00 - SIP2132S
 1696239-00 - P1524E
 1696240-00 - P1728E
 1696241-00 - P2132E

Handles & Controls Group

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

2990392



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

1695903-01 - SIP1728E 1696242-00 - P2138E
1696204-00 - SIP2132S
1696239-00 - P1524E
1696240-00 - P1728E
1696241-00 - P2132E

Handles & Controls Group

REF NO	PART NO.	QTY.	DESCRIPTION
0410	1924361SM	1	WASHER, 1/2
0420	1668524SM	2	BLOCK, Pivot
0430	1668681SM	1	WASHER, Curved
0440	1734696SM	1	PIVOT ASSEMBLY
0460	1735290SM	1	ROD, Chute, Deflector (24" Model)
0470	1734385ASM	1	BRACKET, Deflector Handle (24" Model)
0480	1921963SM	1	CAPSCREW, Hex Flange Head, 1/4-20 x 2 (24" Model)
0490	1960694SM	1	NUT, Hex Flange, ESNA, 1/4-20 (24" Model)
0500	1734709SM	1	SPRING, Compression (24" Model)
0510	1960074SM	1	CLIP, Hair Pin
0530	1668185SM	2	BUSHING, 1/2 ID x 3/4 OD x 1/4
0540	703044	4	SCREW, Square Head, 1/8-20 x 1/32
0550	1737965YP	1	HEADLIGHT ASSEMBLY
0550-10	-----	1	* BULB, Headlight, Halogen, 881-12V 27W (Included with Ref. No. 0550)
0560	1921319SM	2	WASHER, 1/4 (24" Model)
0570	1666697SM	1	SPACER, 5/16 ID x 1/2 OD x 1/4 (24" Model)
0571	1737446YP	1	HARNESS, Wiring (28" Export Model Only)

Footnotes

Note* See your local hardware store for replacement bulbs.

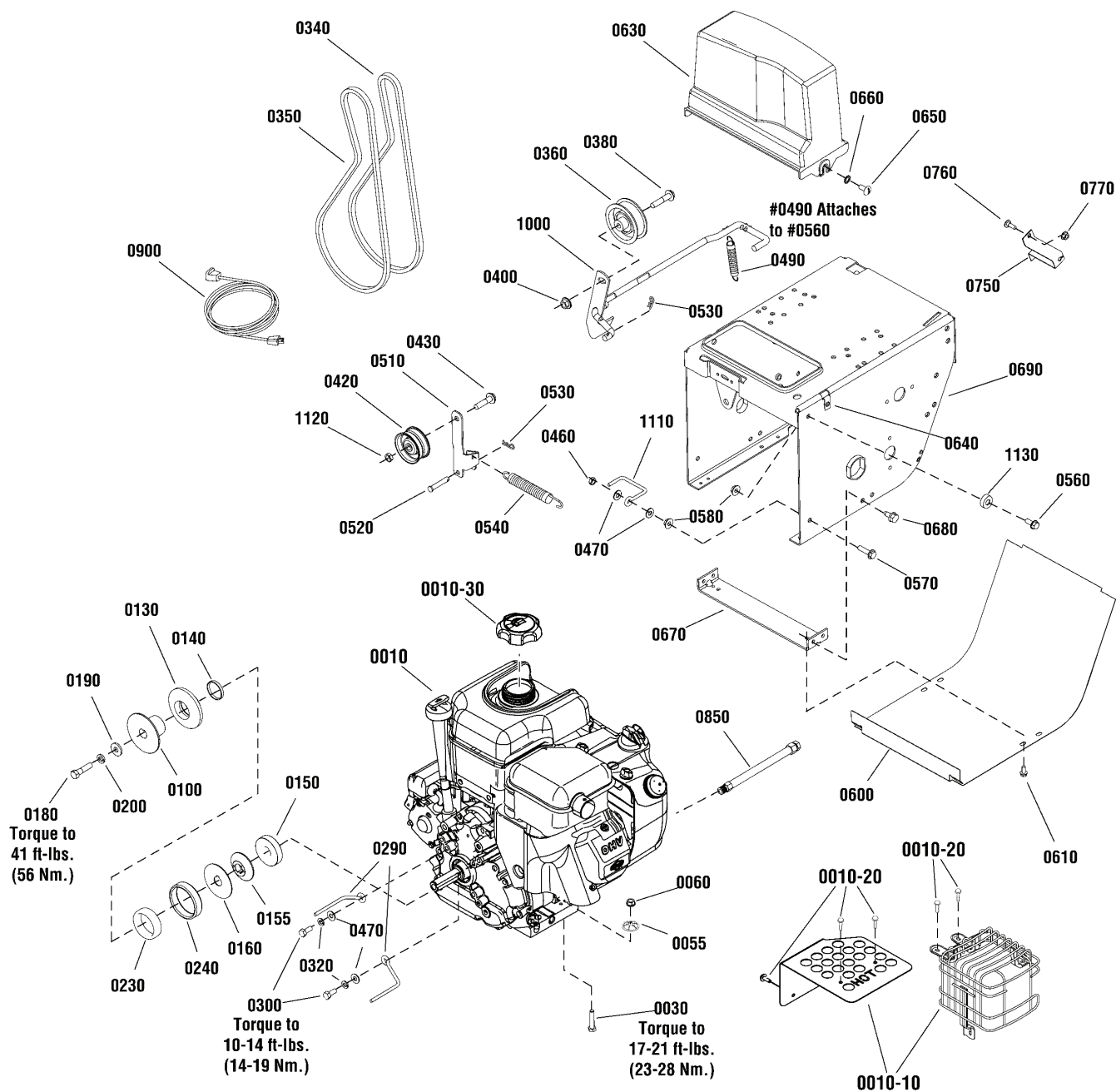
The above parts group applies to the following Mfg. Nos.:

1695903-01 - SIP1728E 1696242-00 - P2138E
1696204-00 - SIP2132S
1696239-00 - P1524E
1696240-00 - P1728E
1696241-00 - P2132E

Engine & Frame Group - 14.5TP & 16.5TP

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

2989204



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

1695903-01 - SIP1728E
1696239-00 - P1524E
1696240-00 - P1728E

Engine & Frame Group - 14.5TP & 16.5TP

REF NO	PART NO.	QTY.	DESCRIPTION
0010	20M314-0135-F1	1	* ENGINE, 14.5TP Briggs & Stratton (Engine Model: 20M314-0135-F1)
0010	21M314-0127-F1	1	* ENGINE, 16.5TP Briggs & Stratton, Domestic (Engine Model: 21M314-0127-F1)
0010	21M314-0129-H	1	* ENGINE, 16.5TP Briggs & Stratton, Export (Engine Model: 21M314-0129-H1)
0010-10	797095	1	* GUARD, Muffler, Plate (Domestic Models Only)
0010-10	796384	1	* GUARD, Muffler, Wire (Export Models Only)
0010-20	699234	1	* SCREW, Muffler Guard
0010-30	792647	1	* CAP, Fuel (Domestic Models Only)
0010-30	795027	1	* CAP, Fuel (Export Models Only)
0030	703217	4	CAPSCREW, Hex Head, 5/16-18 x 1-1/2, Full Thread (Use on Domestic Models)
0055	703297	4	RETAINER, 5/16, G5
0060	015X79MA	4	NUT, Flange, 5/16-18, G5
0100	1726864SM	1	PULLEY, Drive Half
0130	1726863SM	1	PULLEY, Engine Half
0140	1685366SM	1	WICK, Felt, 4.65"
0150	1726868SM	1	PULLEY, 3/4 ID x 2-1/4 OD
0155	1726869SM	1	PULLEY, Engine, Outside
0160	1701818SM	1	WASHER, Thrust, 3/4 ID x 2-3/4 OD
0180	1922128SM	1	CAPSCREW, Hex Head, 3/8-24 x 1-1/2, G8
0190	1922755SM	4	WASHER, Flat
0200	1916965SM	1	LOCKWASHER, Spring, 3/8
0230	1701849SM	1	SPRING, Compression, 1.32"
0240	1702425SM	1	SPRING, Compression, 2"
0290	1731178SM	2	STOP, Belt
0300	70336	2	CAPSCREW, Hex Head, 5/16-24 x 3/4, G5
0320	703116	2	LOCKWASHER, Split, 5/16
0340	1732249SM	1	V-BELT HA , 41.78, Auger Drive
0350	1672732SM	1	V-BELT 3L, 31.0, Traction Drive
0360	1726348SM	1	PULLEY, Idler, 2-3/4 OD
0380	2860709SM	1	SCREW, Hex Flange, Whiz Lock, 3/8-16 x 1-3/4
0400	1928352SM	1	NUT, Hex Flange, Whiz Lock, 3/8-16
0420	1668477SM	1	PULLEY, Idler, 2-1/4 OD
0430	1960647SM	1	SCREW, Hex Head, 3/8-16 x 1-1/2
0460	703164	2	NUT, Hex, Centerlock, 5/16-18
0470	1919326SM	6	WASHER, .34 ID x 3/4 OD
0490	703144	1	SPRING, Extension, 4-1/4"
0510	1703046BMYP	1	ARM, Idler
0520	703145	1	PIN, Clevis
0530	1722460SM	2	HAIRPIN
0540	703146	1	SPRING, Extension, 5.83"
0560	93571MA	3	SCREW, Whiz Lock, 5/16-18 x 3/4, G5
0570	1930595SM	2	SCREW, Hex Flange, Whiz Lock, 5/16 x 1-1/4
0580	703330	4	NUT, Flange, Whiz Lock, 5/16-18, G5
0600	1726870CSM	1	COVER, Bottom
0610	B4300GS	2	SCREW, Hex Head, Taptite, 1/4-20 x 1/2

Footnotes

Note* To verify your specific engine model, please reference the ID Tag located on your engine. See your local Briggs & Stratton distributor for parts and service.

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

1695903-01 - SIP1728E
1696239-00 - P1524E
1696240-00 - P1728E

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

0340

0350

0900

0630

0660

0650

0760

0770

0360

0380

1000

0400

0490

#0490 Attaches to #0560

0530

0430

0510

0420

1120

0520

0540

0530

0460

1110

0580

0470

0690

0640

1130

0560

0680

0570

0670

0850

0600

0610

0010-30

0010

0130

0140

0100

200

0150

0290

0155

0160

0240

0320

0300

Torque to 10-14 ft.-lbs. (14-19 Nm.)

0060

0055

0030

Torque to 17-21 ft.-lbs. (23-28 Nm.)

0010-20

0010-10

1695903-01 - SIP1728E
1696239-00 - P1524E
1696240-00 - P1728E

Engine & Frame Group - 14.5TP & 16.5TP

REF NO	PART NO.	QTY.	DESCRIPTION
0630	1725287SM	1	COVER, Belt
0640	1935255SM	2	NUT, Speed, 5/16-18
0650	1918249SM	2	SCREW, Truss Head Slotted, 5/16-18 x 3/4
0660	703138	2	WASHER, External Tooth, 5/16
0670	1727004BMYP	1	SUPPORT, Tie Bar
0680	703228	4	SCREW, Thread Roll, 5/16-18 x 3/4
0690	1726568CSM	1	FRAME
0750	1720404BMYP	1	SUPPORT, Clutch Cable
0760	1931317SM	2	BOLT Carriage, 1/4-20 x 3/4, G5
0770	703061	2	NUT, KEPS, 1/4-20
0850	798980	1	HOSE, Oil Drain
0900	62219MA	1	CORD, Electrical (Domestic Models Only)
1000	1729646BMYP	1	CLUTCH ROD & BRAKE ARM
1110	1702969SM	2	STOP, Belt
1120	1928731SM	1	NUT, Hex, Top Lock Jam, 3/8-16
1130	1666697SM	1	SPACER, 5/16 ID x 1/2 OD x 1/4"

Footnotes

Note* To verify your specific engine model, please reference the ID Tag located on your engine. See your local Briggs & Stratton distributor for parts and service.

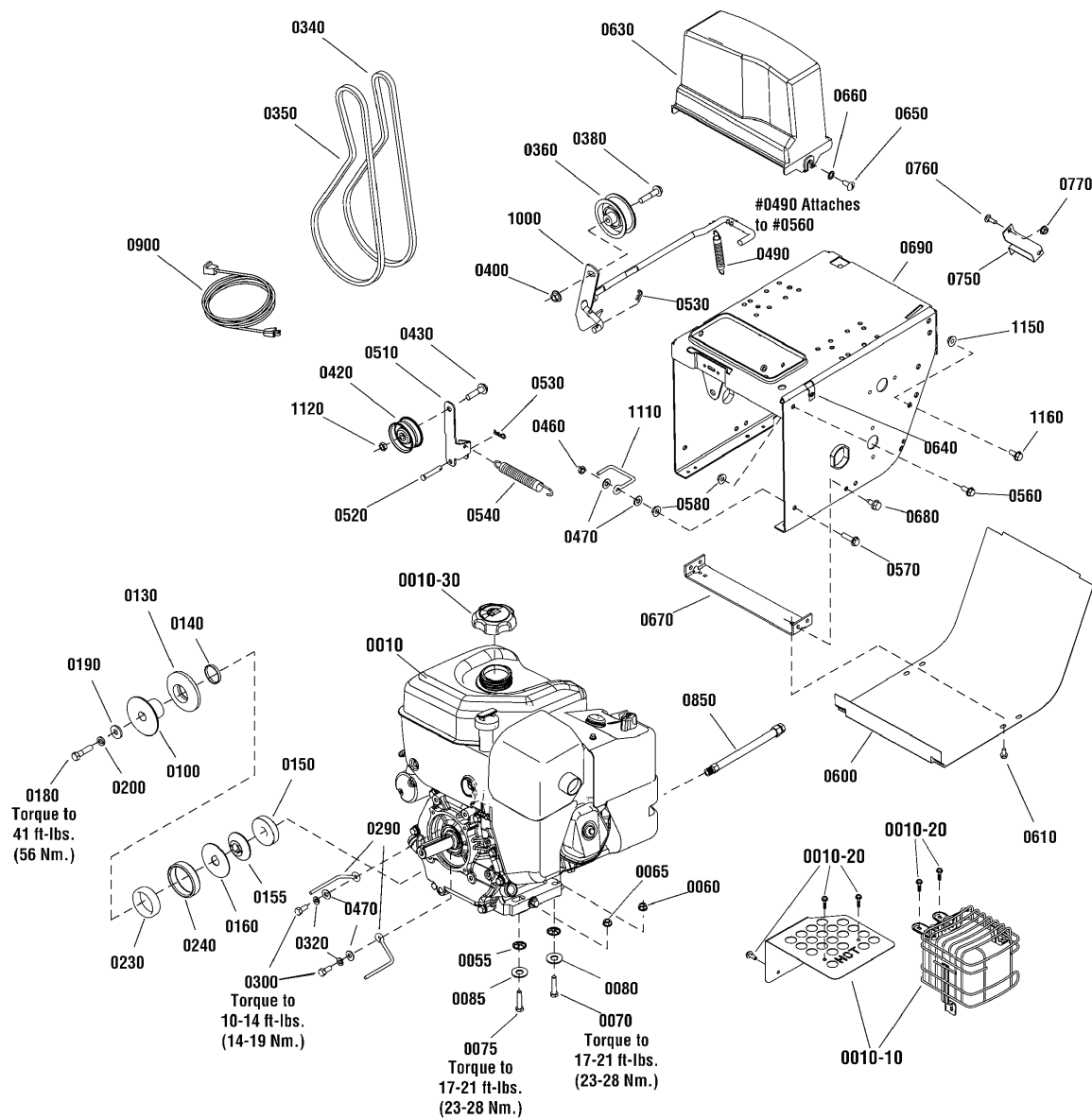
The above parts group applies to the following Mfg. Nos.:

1695903-01 - SIP1728E
1696239-00 - P1524E
1696240-00 - P1728E

Engine & Frame Group - 21TP

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

2990717



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

1696204-00 - SIP2132S
1696241-00 - P2132E
1696242-00 - P2138E

Engine & Frame Group - 21TP

REF NO	PART NO.	QTY.	DESCRIPTION
0010	20M314-0135-F1	1	* ENGINE, 14.5TP Briggs & Stratton (Engine Model: 20M314-0135-F1)
0010	21M314-0127-F1	1	* ENGINE, 16.5TP Briggs & Stratton, Domestic (Engine Model: 21M314-0127-F1)
0010	21M314-0129-H	1	* ENGINE, 16.5TP Briggs & Stratton, Export (Engine Model: 21M314-0129-H1)
0010-10	797095	1	* GUARD, Muffler, Plate (Domestic Models Only)
0010-10	796384	1	* GUARD, Muffler, Wire (Export Models Only)
0010-20	699234	1	* SCREW, Muffler Guard
0010-30	-----	1	* FUEL CAP
0055	028X76MA	4	PUSHNUT
0060	703333	4	NUT, Flange, 3/16 (Rear Engine Mount)
0065	80004275	2	NUT, Hex Flange, 7/16-14 (Front Engine Mount)
0070	1921971SM	2	CAPSCREW, Hex Head, 3/8-16 x 1-3/4, G5 (Rear Engine Mount)
0075	703171	2	CAPSCREW, Hex Head, 7/16-14 x 1-3/4, G5 (Front Engine Mount)
0080	71072MA	2	WASHER, Flat, 3/8 (Rear Engine Mount)
0085	703183	2	WASHER, Flat, 7/16 (Front Engine Mount)
0100	1726864SM	1	PULLEY, Drive Half
0130	1726863SM	1	PULLEY, Engine Half
0140	1685366SM	1	WICK, Felt, 4.65"
0150	1754517YP	1	PULLEY, 3/4 ID x 2-1/4 OD
0155	1726869SM	1	PULLEY, Engine, Outside
0160	1701818SM	1	WASHER, Thrust, 3/4 ID x 2-3/4 OD
0180	1922128SM	1	CAPSCREW, Hex Head, 3/8-24 x 1-1/2, G8
0190	1922755SM	4	WASHER, Flat
0200	1916965SM	1	LOCKWASHER, Spring, 3/8
0230	1701849SM	1	SPRING, Compression, 1.32"
0240	1702425SM	1	SPRING, Compression, 2"
0290	1733014SM	2	STOP, Belt
0300	703336	2	CAPSCREW, Hex Head, 5/16-24 x 3/4, G5
0320	703116	2	LOCKWASHER, Split, 5/16
0340	1753941YP	1	V-BELT HA, 43.80, Auger Drive
0350	1753942YP	1	V-BELT 3L, CVT, 32.90, Traction Drive
0360	1726348SM	1	PULLEY, Idler, 2-3/4 OD
0380	2860709SM	1	SCREW, Hex Flange, Whiz Lock, 3/8-16 x 1-3/4
0400	1928352SM	1	NUT, Hex Flange, Whiz Lock, 3/8-16
0420	1668477SM	1	PULLEY, Idler, 2-1/4 OD
0430	1960647SM	1	SCREW, Hex Head, 3/8-16 x 1-1/2
0460	703164	2	NUT, Hex, Centerlock, 5/16-18
0470	1919326SM	4	WASHER, .34 ID x 3/4 OD
0490	703144	1	SPRING, Extension, 4-1/4"
0510	1703046BMYP	1	ARM, Idler
0520	703145	1	PIN, Clevis
0530	1722460SM	2	HAIRPIN
0540	703146	1	SPRING, Extension, 5.83"
0560	93571MA	2	SCREW, Whiz Lock, 5/16-18 x 3/4, G5
0570	1930595SM	2	SCREW, Hex Flange, Whiz Lock, 5/16 x 1-1/4

Footnotes

Note* To verify your specific engine model, please reference the ID Tag located on your engine. See your local Briggs & Stratton distributor for parts and service.

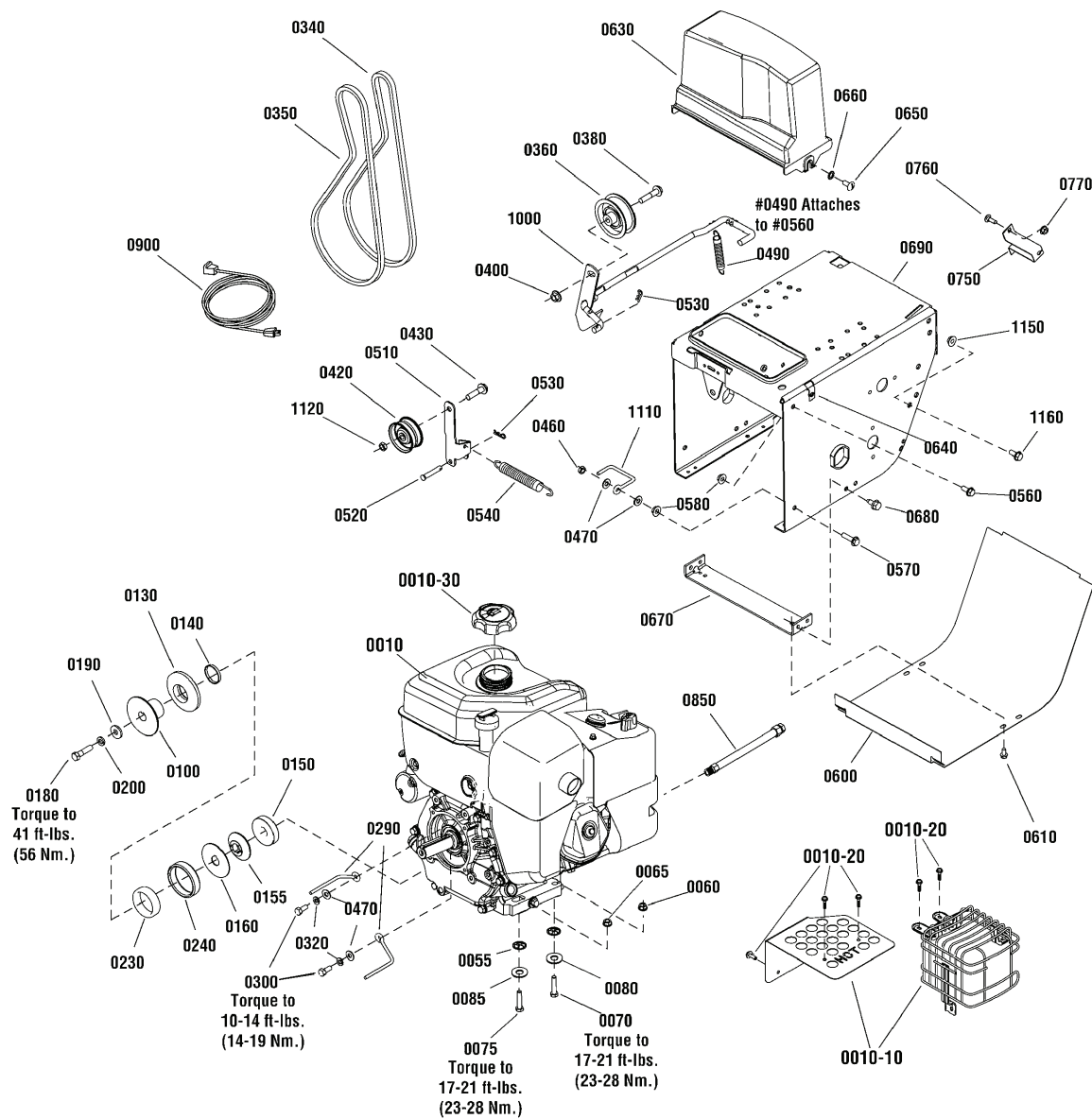
The above parts group applies to the following Mfg. Nos.:

1696204-00 - SIP2132S
 1696241-00 - P2132E
 1696242-00 - P2138E

Engine & Frame Group - 21TP

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

2990717



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

1696204-00 - SIP2132S
1696241-00 - P2132E
1696242-00 - P2138E

Engine & Frame Group - 21TP

REF NO	PART NO.	QTY.	DESCRIPTION
0580	703330	4	NUT, Flange, Whiz Lock, 5/16-18, G5
0600	1726870CSM	1	COVER, Bottom
0610	B4300GS	2	SCREW, Hex Head, Taptite, 1/4-20 x 1/2
0630	1725287SM	1	COVER, Belt
0640	1935255SM	2	NUT, Speed, 5/16-18
0650	1918249SM	2	SCREW, Truss Head Slotted, 5/16-18 x 3/4
0660	703138	2	WASHER, External Tooth, 5/16
0670	1727004BMYP	1	SUPPORT, Tie Bar
0680	703228	4	SCREW, Thread Roll, 5/16-18 x 3/4
0690	1754350CYP	1	FRAME
0750	1720404BMYP	1	SUPPORT, Clutch Cable
0760	1931317SM	2	BOLT Carriage, 1/4-20 x 3/4, G5
0770	703061	2	NUT, KEPS, 1/4-20
0850	798980	1	HOSE, Oil Drain
0900	6219MA	1	CORD, Electrical (Domestic Models Only)
1000	1729646BMYP	1	CLUTCH ROD & BRAKE
1110	1702969SM	2	STOP, Belt
1120	1928731SM	1	NUT, Hex, Top Lock Jam, 3/8-16
1150	1920161SM	1	NUT, Hex Jam, 5/16-18
1160	001X84MA	1	CAPSCREW, Hex Head, 5/16-18 x 1, G5

Footnotes

Note* To verify your specific engine model, please reference the ID Tag located on your engine. See your local Briggs & Stratton distributor for parts and service.

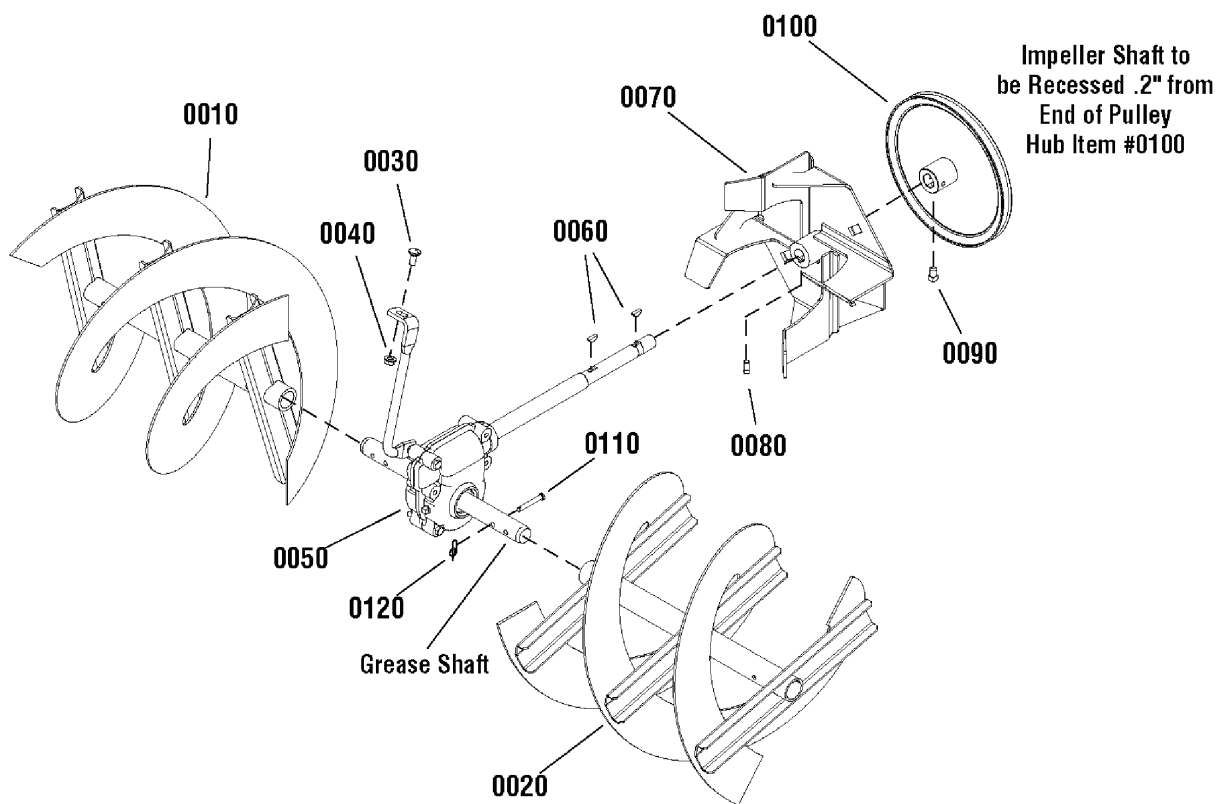
The above parts group applies to the following Mfg. Nos.:

1696204-00 - SIP2132S
1696241-00 - P2132E
1696242-00 - P2138E

Auger Drive Group - Heavy Duty

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

2988281



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

1695903-01 - SIP1728E 1696242-00 - P2138E
1696204-00 - SIP2132S
1696239-00 - P1524E
1696240-00 - P1728E
1696241-00 - P2132E

Auger Drive Group - Heavy Duty

REF NO	PART NO.	QTY.	DESCRIPTION
0010	1734674ASM	1	AUGER ASSEMBLY, 24", R.H.
0010	1734676ASM	1	AUGER ASSEMBLY, 28", R.H.
0010	1734678ASM	1	AUGER ASSEMBLY, 32", R.H.
0010	1734680ASM	1	AUGER ASSEMBLY, 38", R.H.
0020	1734673ASM	1	AUGER ASSEMBLY, 24", L.H.
0020	1734675ASM	1	AUGER ASSEMBLY, 28", L.H.
0020	1734677ASM	1	AUGER ASSEMBLY, 32", L.H.
0020	1734679ASM	1	AUGER ASSEMBLY, 38", L.H.
0030	1931333SM	1	BOLT, Carriage, 5/16-18 x 3/4, G5
0040	1931277SM	1	NUT, Hex Flange, Whiz Lock, 5/16-18
0050	1732303SM	1	GEAR CASE ASSEMBLY, Heavy Duty
0060	2818312SM	2	KEY, Woodruff
0070	1612187ASM	1	IMPELLER
0080	1960474SM	1	SCREW, Set, 3/8-16 x 1/2, G8
0090	1928721SM	2	SCREW, Set, 5/16-18 x 1/2, G8
0100	1732468SM	1	PULLEY, 9 OD x 3/4 ID
0110	1668344SM	2	PIN, Shear, 1-3/4
0120	7023590SM	2	PIN, Cotter, 1/4

Footnotes

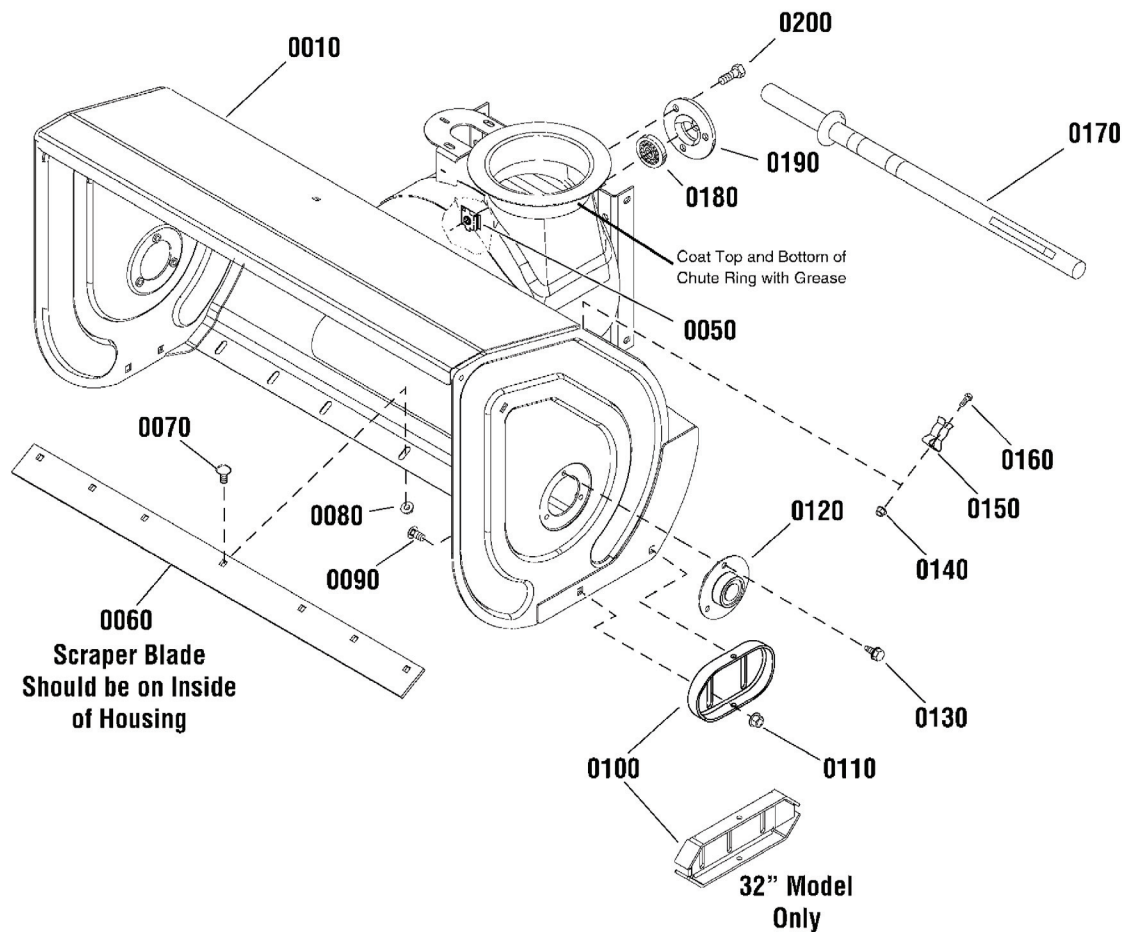
The above parts group applies to the following Mfg. Nos.:

1695903-01 - SIP1728E 1696242-00 - P2138E
1696204-00 - SIP2132S
1696239-00 - P1524E
1696240-00 - P1728E
1696241-00 - P2132E

Auger Housing Group

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

2990389



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

1695903-01 - SIP1728E 1696242-00 - P2138E
1696204-00 - SIP2132S
1696239-00 - P1524E
1696240-00 - P1728E
1696241-00 - P2132E

Auger Housing Group

REF NO	PART NO.	QTY.	DESCRIPTION
0010	1687706YP	1	AUGER HOUSING ASSEMBLY, 24"
0010	1687688YP	1	AUGER HOUSING ASSEMBLY, 28"
0010	1687707YP	1	AUGER HOUSING ASSEMBLY, 32"
0010	1687708YP	1	AUGER HOUSING ASSEMBLY, 38"
0050	703115	1	NUT, Flange Nylock, 5/16-18 (Use on 24" & 28" Models)
0050	1930659SM	3	NUT, Retainer, 5/16-18 (Use on 32" & 38" Models)
0060	1709946ASM	1	BLADE, Scraper, 24"
0060	1709947ASM	1	BLADE, Scraper, 28"
0060	1709948ASM	1	BLADE, Scraper, 32"
0060	1723921ASM	1	BLADE, Scraper, 38"
0070	703225	9	BOLT, Carriage, 5/16-18 x 3/4, G5 (Use on 32" & 38" Models)
0070	703159	9	BOLT, Carriage, 5/16-18 x 5/8 (Use on 24" & 28" Models)
0080	1935048SM	9	NUT, Hex Flange, Two Way Lock, 5/16-18
0090	703130	4	BOLT, Carriage, 3/8-16 x 1-1/4, G5 (24", 28" & 32" Housing Only)
0090	1960702SM	4	BOLT, Carriage, 3/8-16 x 1, G5 (38" Housing Only)
0100	1750222YP	2	SHOE, Skid, Reversible (24", 28" & 32" Housing Only)
0100	1725747BMYP	2	SHOE, Skid (38" Housing Only)
0110	1960687SM	4	NUT, Hex Flange, ESNA, 3/8-16
0120	1734645SM	2	BEARING, Ball
0130	1664847SM	6	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4
0140	15X146MA	2	NUT, Nylock, 10 x 24
0150	1736620YP	2	CLAMP, Retainer
0160	1960569SM	2	SCREW, Truss Head Torx, #10-24 x 3/8
0170	1736094YP	1	BRUSH, Cleanout
0180	2108202SM	1	BEARING, Ball
0190	1665982SM	1	RETAINER, Ball Bearing
0200	1960738SM	3	CAPSCREW, Hex Flange, Whiz Lock, 5/16-18 x 3/4

Footnotes

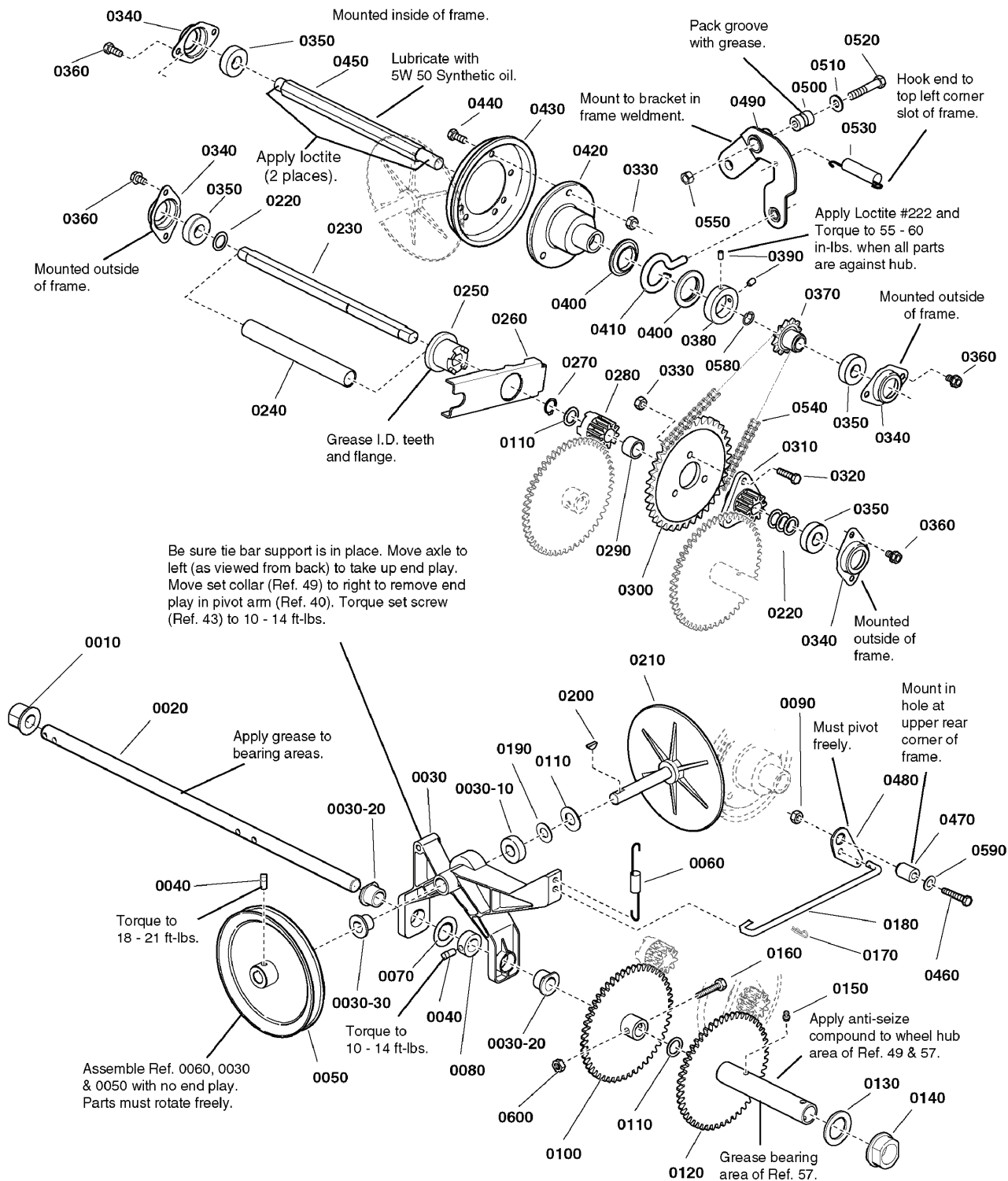
The above parts group applies to the following Mfg. Nos.:

1695903-01 - SIP1728E 1696242-00 - P2138E
 1696204-00 - SIP2132S
 1696239-00 - P1524E
 1696240-00 - P1728E
 1696241-00 - P2132E

Traction Drive Group

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

988280



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

1695903-01 - SIP1728E 1696242-00 - P2138E
1696204-00 - SIP2132S
1696239-00 - P1524E
1696240-00 - P1728E
1696241-00 - P2132E

Traction Drive Group

REF NO	PART NO.	QTY.	DESCRIPTION
0010	1666001SM	1	BUSHING, 1 Long
0020	1736641YP	1	AXLE, 22-13/16 Long
0030	1670849SM	1	ARM & PIVOT ASSEMBLY
0030-10	1665521SM	1	BEARING
0030-20	1666425SM	2	BUSHING, Flange
0030-30	1666855SM	1	BUSHING
0040	1928721SM	2	SCREW, Set, 5/16-18 x 1/2, G8
0050	1672595SM	1	PULLEY ASSEMBLY
0060	1725666SM	1	SPRING, Extension, 1/2 OD
0070	1919394SM	1	WASHER, 1-1/32 X 1-5/8 OD
0080	1729254SM	1	COLLAR, Set, 1/4 X 1-1/4 x 1/2
0090	1960686SM	1	NUT, Hex-Flange, 5/16-18
0100	1736639YP	1	GEAR ASSEMBLY
0110	1960114SM	3	WASHER, 3/4
0120	1730228SM	1	GEAR & HUB ASSEMBLY
0130	2860169SM	1	WASHER, 3/16
0140	1720305SM	1	BUSHING, 5/32
0150	7076998SM	1	Fitting, Lube, Straight, 1/4-28
0160	51374YP	2	CAPSCREW, Hex-Head, 1/4-20 x 1-1/2
0170	1722460SM	1	PIN, Quick, 1-3/16 Lg
0180	1726467SM	1	ROD, 9-1/2 Lg
0190	1924366SM	1	WASHER, 5/8
0200	2818312SM	1	KEY, Woodruff, 3/16 x 5/8, #61
0210	1719879SM	1	DISC, Drive, w/ Spindle
0220	2860164SM	4	WASHER, 5/8
0230	1718752SM	1	JACKSHAFT
0240	1720298SM	1	SPRING, Compression
0250	1718689SM	1	CLUTCH, Sliding, 1-1/2 OD
0260	1720078ASM	1	ARM, Clutch
0270	2827732SM	1	RING, Retaining, # 74, 3/4 Dia.
0280	1718688SM	1	GEAR, Stationary Clut
0290	1679556SM	1	SPACER, 1 Lg
0300	1667330SM	1	SPROCKET
0310	1718687SM	1	GEAR, 10T
0320	1921333SM	3	CAPSCREW, Hex-Head, 5/16-18 x 1, G5
0330	1960684SM	6	NUT, Hex, Conical Washer, 5/16-18
0340	1667341SM	4	RETAINER, Bearing
0350	1705897SM	4	BEARING, Ball, 11/16 X 1-9/16 x 15/32
0360	1930601SM	8	SCREW, Hex Washer-Head, 5/16-18 x 5/8
0370	1726931SM	1	SPROCKET, 10T
0380	1667335SM	1	COLLAR, 1-1/4 x 2 x 1/2
0390	1724333SM	2	SCREW, Set, 1/4-20 x 1/2
0400	1678956SM	2	COLLAR, Thrust, 1-1/4 ID x 2 OD
0410	1666207SM	1	PIN, LOOP 3/8 Dia. x 2-3/32 Lg

Footnotes

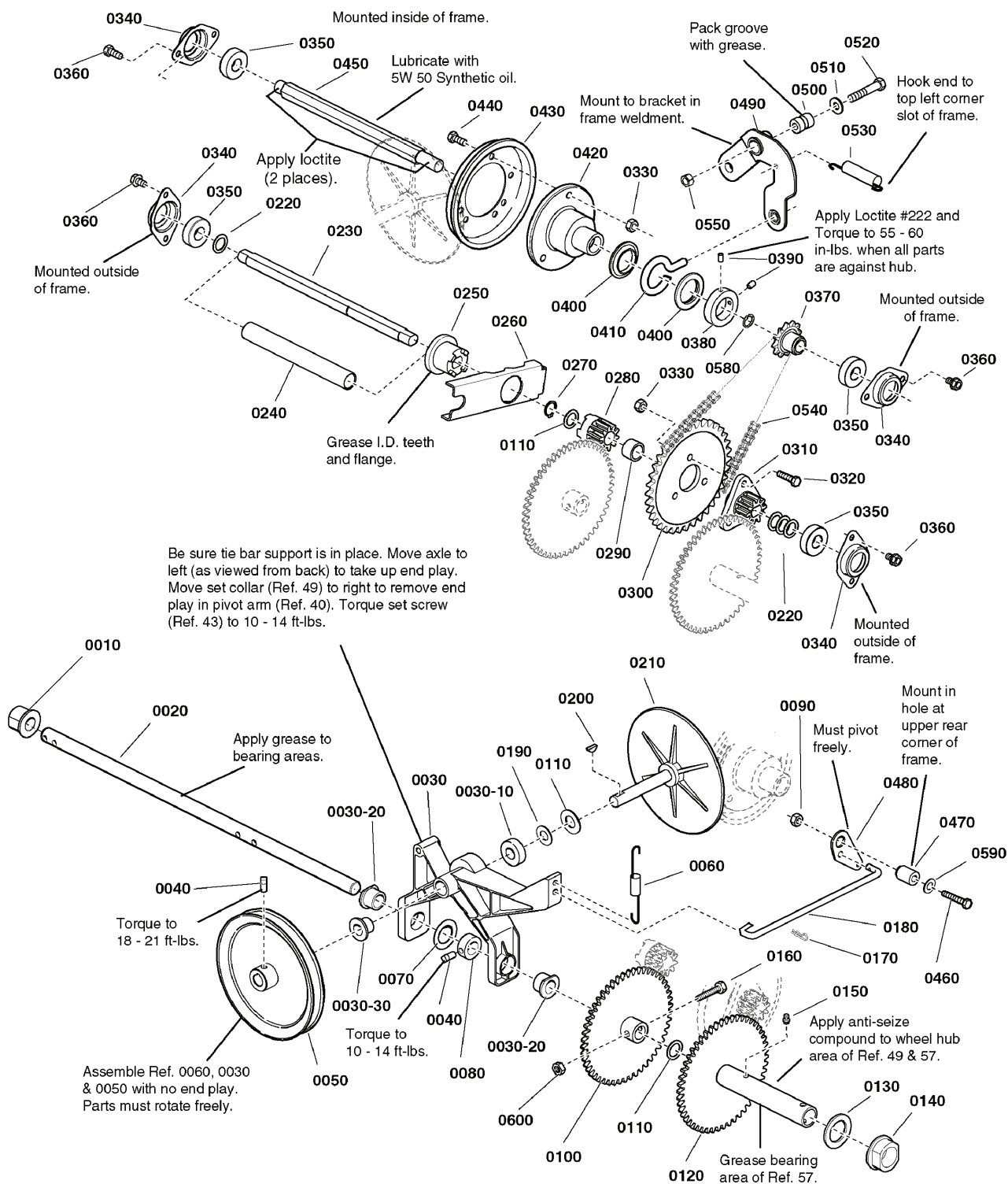
The above parts group applies to the following Mfg. Nos.:

1695903-01 - SIP1728E 1696242-00 - P2138E
 1696204-00 - SIP2132S
 1696239-00 - P1524E
 1696240-00 - P1728E
 1696241-00 - P2132E

Traction Drive Group

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

988280



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

1695903-01 - SIP1728E 1696242-00 - P2138E
1696204-00 - SIP2132S
1696239-00 - P1524E
1696240-00 - P1728E
1696241-00 - P2132E

Traction Drive Group

REF NO	PART NO.	QTY.	DESCRIPTION
0420	1665995SM	1	HUB, Friction Disc
0430	1725428SM	1	DISC, Friction
0440	1921332SM	3	CAPSCREW, Hex-Head, 5/16-18 x 3/4, G5
0450	1736100SM	1	SHAFT, Hex, 3/4 x 11-3/8 Lg, w/Groove
0460	1735776YP	1	CAPSCREW, Hex Socket-Head, 5/16-18 x 2, G8
0470	1666106SM	1	BUSHING, 11/32 ID x 3/4 OD, 1-1/16 Long
0480	1700473SM	1	BELLCRANK
0490	1669256SM	1	SHIFT ARM & PULLEY ASSEMBLY
0500	1666114SM	1	BUSHING
0510	1924940SM	1	WASHER, 3/8
0520	1923701SM	1	CAPSCREW, Hex-Head, 3/8-16 x 2, G5
0530	1668255SM	1	SPRING, Extension
0540	1666980SM	1	CHAIN, Roller, 22" Lg
0550	1960687SM	1	NUT, Hex-Flange, 3/8-16
0580	1736222YP	1	RING, Retaining, Split, # 79
0590	1919326SM	1	WASHER, 11/32 x 3/4 OD
0600	95661YP	2	NUT, Hex, Nylock 1/4-20

Footnotes

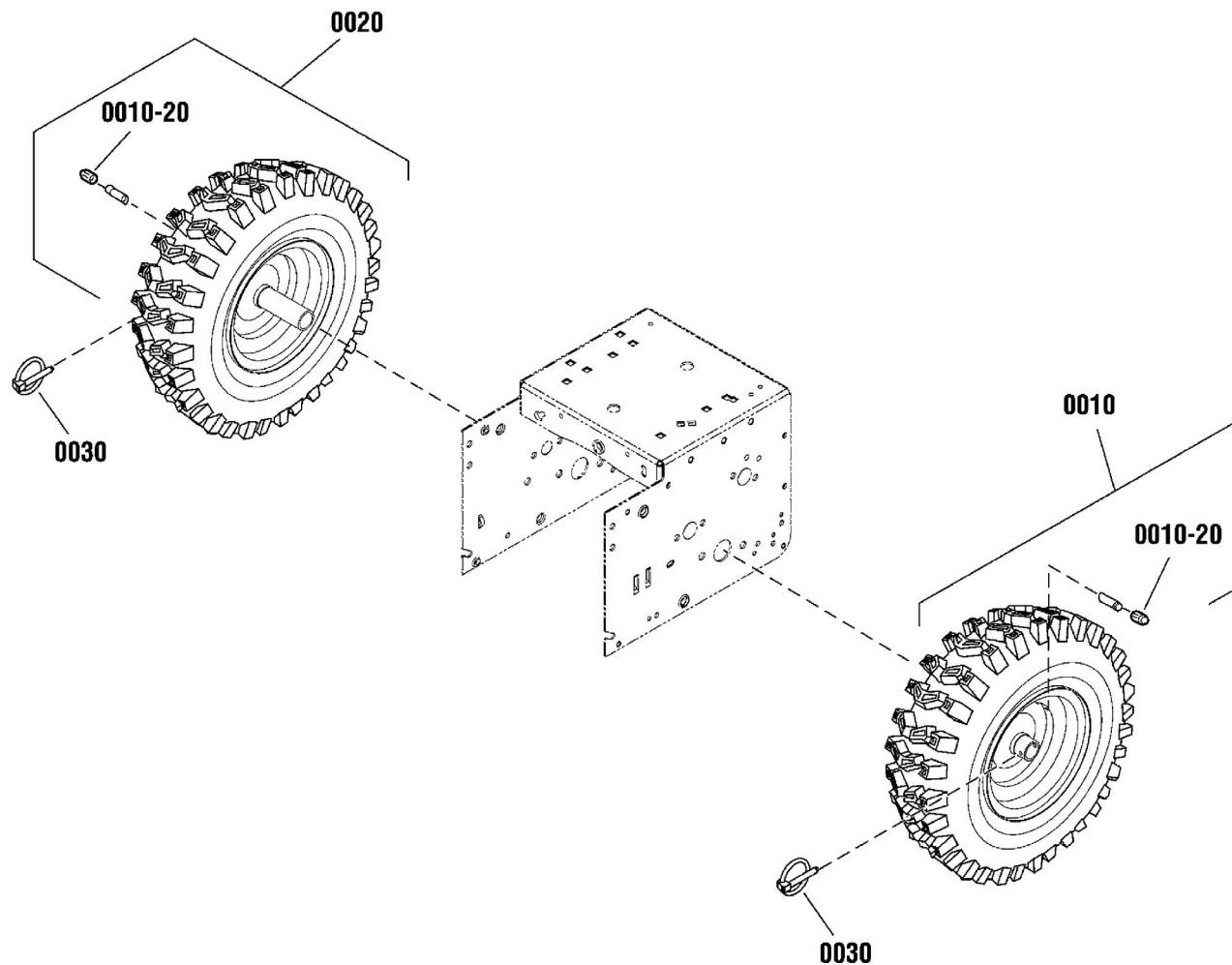
The above parts group applies to the following Mfg. Nos.:

1695903-01 - SIP1728E 1696242-00 - P2138E
1696204-00 - SIP2132S
1696239-00 - P1524E
1696240-00 - P1728E
1696241-00 - P2132E

Wheels & Tires Group

2990446

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



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

1695903-01 - SIP1728E 1696242-00 - P2138E
1696204-00 - SIP2132S
1696239-00 - P1524E
1696240-00 - P1728E
1696241-00 - P2132E

Wheels & Tires Group

REF NO	PART NO.	QTY.	DESCRIPTION
0010	1754527YP	1	WHEEL ASSEMBLY, 4.80-8, P2-578, LH (Use on 24" & 28" Models)
0010	1754529YP	1	WHEEL ASSEMBLY, 16 x 6.5, P2-578, LH (Use on 32" & 38" Models)
0020	1754528YP	1	WHEEL ASSEMBLY, 4.80-8, P2-578, RH (Use on 24" & 28" Models)
0020	1754531YP	1	WHEEL ASSEMBLY, 16 x 6.5, P2-578, RH (Use on 32" & 38" Models)
0010-20	2172353SM	2	VALVE STEM & CAP (Included with Ref. 0010 & 0020)
0030	703160	2	PIN, Klik

Footnotes

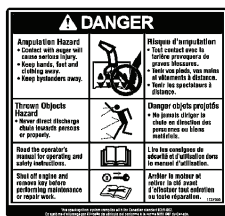
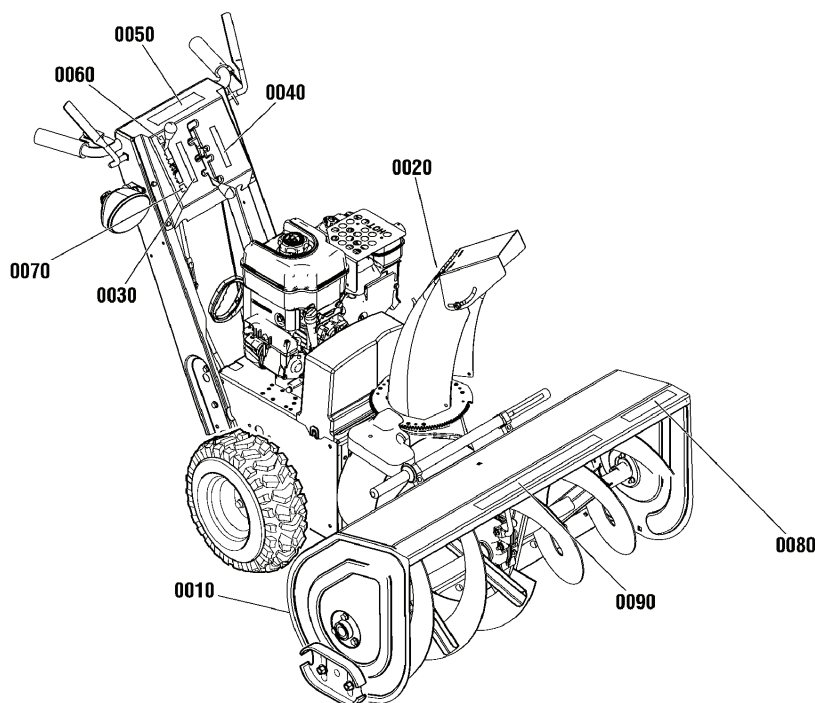
The above parts group applies to the following Mfg. Nos.:

1695903-01 - SIP1728E 1696242-00 - P2138E
1696204-00 - SIP2132S
1696239-00 - P1524E
1696240-00 - P1728E
1696241-00 - P2132E

Decals Group

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

2989691



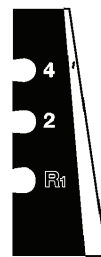
0010



0020



0030



0040



0080



0070



0010



0020



0050



0100



0060



0090

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

1695903-01 - SIP1728E 1696242-00 - P2138E
1696204-00 - SIP2132S
1696239-00 - P1524E
1696240-00 - P1728E
1696241-00 - P2132E

Decals Group

REF NO	PART NO.	QTY.	DESCRIPTION
0010	1737866YP	1	DECAL, Danger Foot, FR/ENG (Domestic)
0010	1737867YP	1	DECAL, Danger Auger Icons (CE/ Export)
0020	1737865YP	1	DECAL, Danger Chute Warning, FR/ENG (Domestic)
0020	1727207SM	1	DECAL, Chute Warning (CE/ Export)
0030	1734786SM	1	DECAL, Left Shift Pattern
0040	1734787SM	1	DECAL, Right Shift Pattern
0050	1737873YP	1	DECAL, Controls
0060	1734788SM	1	DECAL, Deflector Up
0070	1734789SM	1	DECAL, Deflector Down
0080	1754855YP	1	DECAL, Model, P1524E
0080	1750424YP	1	DECAL, Model, P1728E
0080	1754677YP	1	DECAL, Model, P1728EX
0080	1755805YP	1	DECAL, Model, P2132E
0080	1754678YP	1	DECAL, Model, SINP2132SE
0080	1755806YP	1	DECAL, Model, P2138E
0090	1733071SM	1	DECAL, Housing, Stripe, 24" Long
0090	1733247SM	1	DECAL, Housing, Stripe, 28" Long
0090	1733244SM	1	DECAL, Housing, Stripe, 32" Long
0090	1733074SM	1	DECAL, Housing, Stripe, 38" Long
0100	1725507SM	1	DECAL, Power Boost

Footnotes

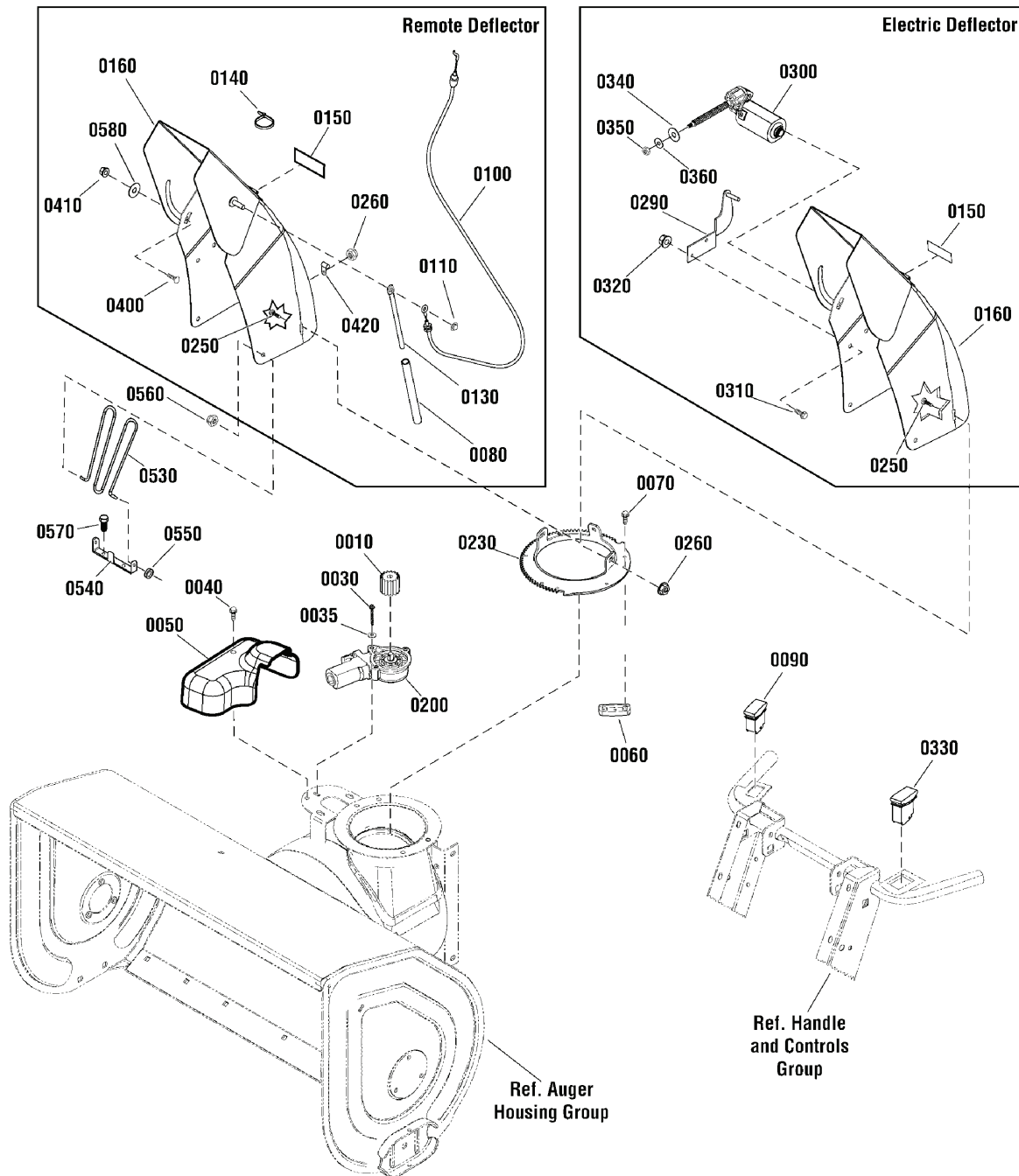
The above parts group applies to the following Mfg. Nos.:

1695903-01 - SIP1728E 1696242-00 - P2138E
1696204-00 - SIP2132S
1696239-00 - P1524E
1696240-00 - P1728E
1696241-00 - P2132E

Chute & Rotation Group

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

2989662



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

1695903-01 - SIP1728E 1696242-00 - P2138E
1696204-00 - SIP2132S
1696239-00 - P1524E
1696240-00 - P1728E
1696241-00 - P2132E

Chute & Rotation Group

REF NO	PART NO.	QTY.	DESCRIPTION
0010	1728967SM	1	PINION, 1-1/4 Lg
0030	1739621YP	3	SCREW, Torx Button Head, M5 x .8 x 14
0035	7091552SM	3	WASHER, Flat, 7/32 x 1/2 OD
0040	1925592SM	1	CAPSCREW, Hex Washer, Self-Tapping, 1/4-20 x 3/8
0050	1752877YP	1	COVER, Electric Chute Rotation
0060	7011938SM	3	RETAINER, Spout (Use on 24", 28" & 32" Models)
0060	1666613SM	3	RETAINER, Spout (Use on 38" Model)
0070	1960001SM	6	CAPSCREW, Hex Washer, 10-14 x 5/8
0080	1734647SM	1	SPRING, Compression, 9/16 OD X 6-1/16 Lg (Use on 24" Model)
0090	1752240YP	1	SWITCH, Rocker, Chute Rotation
0100	1750623YP	1	CABLE, Deflector Control (Use on 24" Model)
0110	1932718SM	1	PUSHNUT, 5/16 Dia. 5/8 OD (Use on 24" Model)
0130	1734708ASM	1	ROD, 5/16 Dia., 5.88 Lg (Use on 24" Model)
0140	1701011SM	1	TIE, Self Locking, 7-5/16 Lg
0150	1706085SM	2	DECAL, Hinge (Use on 24", 28" & 32" Models)
0150	1733598SM	2	DECAL, Hinge (Use on 38" Model)
0160	1752840CYP	1	CHUTE ASSEMBLY (Use on 24" Model)
0160	1752841CYP	1	CHUTE ASSEMBLY (Use on 28" & 32" Models)
0160	1739350CYP	1	CHUTE ASSEMBLY (Use on 38" Models Only)
0200	1739309YP	1	MOTOR, Spout Rotator
0230	1737962BMYP	1	GEAR, Chute, Tall (Use on 24", 28" & 32" Models)
0250	1931317SM	3	BOLT, Carriage, 1/4-20 x 3/4
0260	2860694SM	3	NUT, Hex Flange, 1/4-20, ESNA
0290	1738267BMYP	1	BRACKET ASSEMBLY (Use on 28" & 32" Models)
0290	1739758BMYP	1	BRACKET ASSEMBLY (Use on 38" Models Only)
0300	1737941YP	1	MOTOR, Chute Deflector (Use on 28", 32" & 38" Models)
0310	1960715SM	2	SCREW, Truss Head, Torx, 1/4-20 X 3/4 (Use on 28", 32" & 38" Models)
0320	1960694SM	2	NUT, Hex Flange, 1/4-20 (Use on 28", 32" & 38" Models)
0330	1737379YP	1	SWITCH, Deflector Control (Use on 28", 32" & 38" Models)
0340	1738244YP	1	WASHER, Rubber (Use on 28", 32" & 38" Models)
0350	1738245YP	1	NUT, 1/4-20, L.H. (Use on 28", 32" & 38" Models)
0360	5025154SM	1	WASHER, 1/4 (Use on 28", 32" & 38" Models)
0400	1931333SM	1	BOLT, Carriage, 5/16-18 X 0 3/4, G5 (Use on 24" Model)
0410	1960686SM	1	NUT, Hex Flange, 5/16-18 (Use on 24" Model)
0530	1733475SM	1	GUARD, Chute (CE/Export)
0540	1737683AYP	1	BRACKET, Chute Guard (CE/Export)
0550	1738174YP	2	GROMMET, Chute Guard Bracket (CE/Export)
0560	1960140SM	2	PUSHNUT, 3/16 Dia. (CE/Export)
0570	1925003SM	2	CAPSCREW, Hex Washer, Taptite, 1/4-20 x 1/2 (CE/Export)
0580	2860210SM	1	WASHER, Nylon, 3/8 (Use on 24" Model)
0420	1739331YP	1	CLIP (Use on 24" Model)

Footnotes

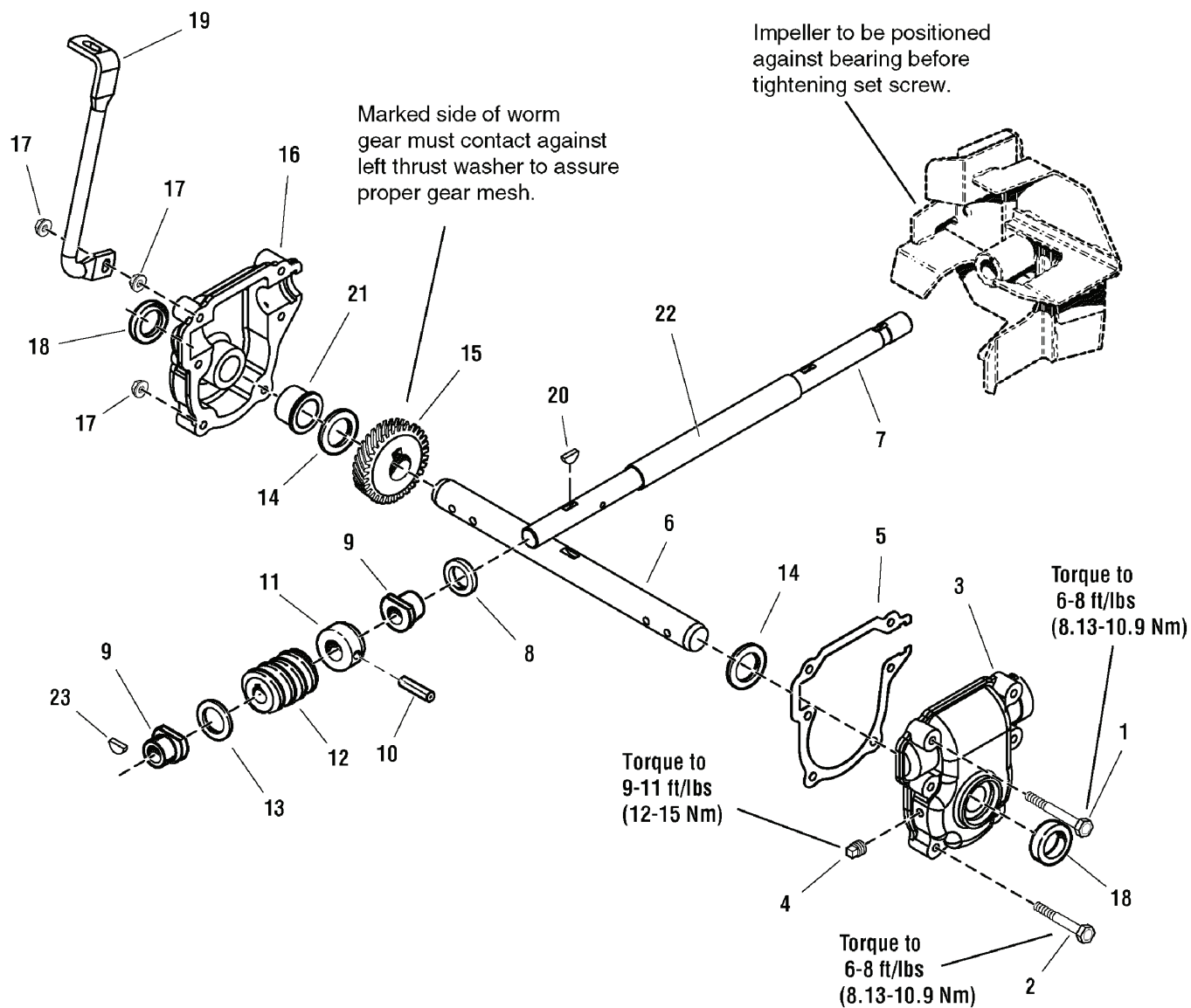
The above parts group applies to the following Mfg. Nos.:

1695903-01 - SIP1728E 1696242-00 - P2138E
 1696204-00 - SIP2132S
 1696239-00 - P1524E
 1696240-00 - P1728E
 1696241-00 - P2132E

Gear Case Assembly - Heavy Duty

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

1732303



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

1695903-01 - SIP1728E 1696242-00 - P2138E
 1696204-00 - SIP2132S
 1696239-00 - P1524E
 1696240-00 - P1728E
 1696241-00 - P2132E

Gear Case Assembly - Heavy Duty

REF NO	PART NO.	QTY.	DESCRIPTION
1	1923282SM	1	CAPSCREW, Hex Head, 1/4-20 x 2-1/2
2	1960346SM	5	CAPSCREW, Hex Head, 1/4-20 x 2-1/4
3	1612136SM	1	GEAR CASE, L.H.
4	1668971SM	1	FITTING, Pipe Plug
5	1612124SM	1	GASKET
6	1732440SM	1	SHAFT, Auger Cutoff
7	1732182SM	1	SHAFT, Worm Cutoff
8	1612093SM	2	SEAL, Oil
9	1612149SM	2	FLANGE BUSHING
10	2836098SM	1	PIN, Drive Lock
11	1612127SM	1	THRUST COLLAR
12	1612142SM	1	WORMGEAR, 1-3/4 OD x 1-3/8 Long
13	2168111SM	1	THRUST WASHER
14	2118315SM	2	THRUST WASHER
15	1612141SM	1	WORMGEAR, 21T, 3" O.D. x 7/8 Long
16	1612137SM	1	GEAR CASE, R.H.
17	1930642SM	7	NUT, Top Lock Flange 1/4-20
18	2118118SM	1	SEAL
19	1732152SM	1	BRACKET, Support
20	2818312SM	1	KEY, Woodruff .18 x .62
21	1732991SM	2	BUSHING
22	1612111SM	1	TUBE
23	2830246SM	1	KEY, Woodruff 1/4 x 3/4

Footnotes

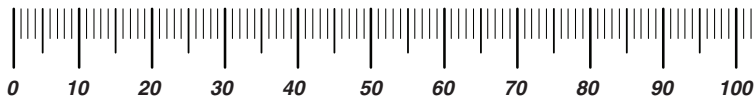
The above parts group applies to the following Mfg. Nos.:

1695903-01 - SIP1728E 1696242-00 - P2138E
1696204-00 - SIP2132S
1696239-00 - P1524E
1696240-00 - P1728E
1696241-00 - P2132E

Hardware Identification & Torque Specifications

Torque Specification Chart								
FOR STANDARD METRIC MACHINE HARDWARE (Tolerance $\pm 20\%$)								
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

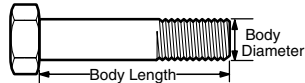
The guides and ruler furnished below are designed to help you select the appropriate hardware.



Nut, M8

Thread
Diameter (mm)
Inside Diameter (in)
Threads
per inch

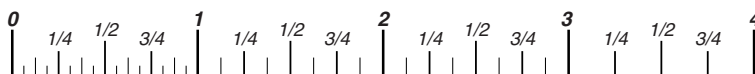
Nut, 1/2-16



Screw, M8- 1.25 x 25

Thread Diameter (mm)
Body Diameter
Distance between threads (mm)
Threads per inch
Body Length (mm)
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*, (1.25 thread diameter). The final number is the body length of the bolt or screw, 2 inches (50mm).

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

Hex Head Capscrew



Washer

Carriage Bolt



Lockwasher



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

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