



Parts Manual

Mfg. No: 2691396-00

MSD100, 17.5 Gross HP 42" Murray Lawn
Tractor (Export) (2017)

1691319SM - Suitcase Weights, 33Lbs.	
1694922SM - Weight Carrier, Rear.	
1696073 - Catcher, Clean Sweep Twin, 38" & 42".....	
1695597 - Front Bumper Kit.	
1696374YP - Grass Mulcher Kit, 42".....	
24515MA - Tire Chains.	

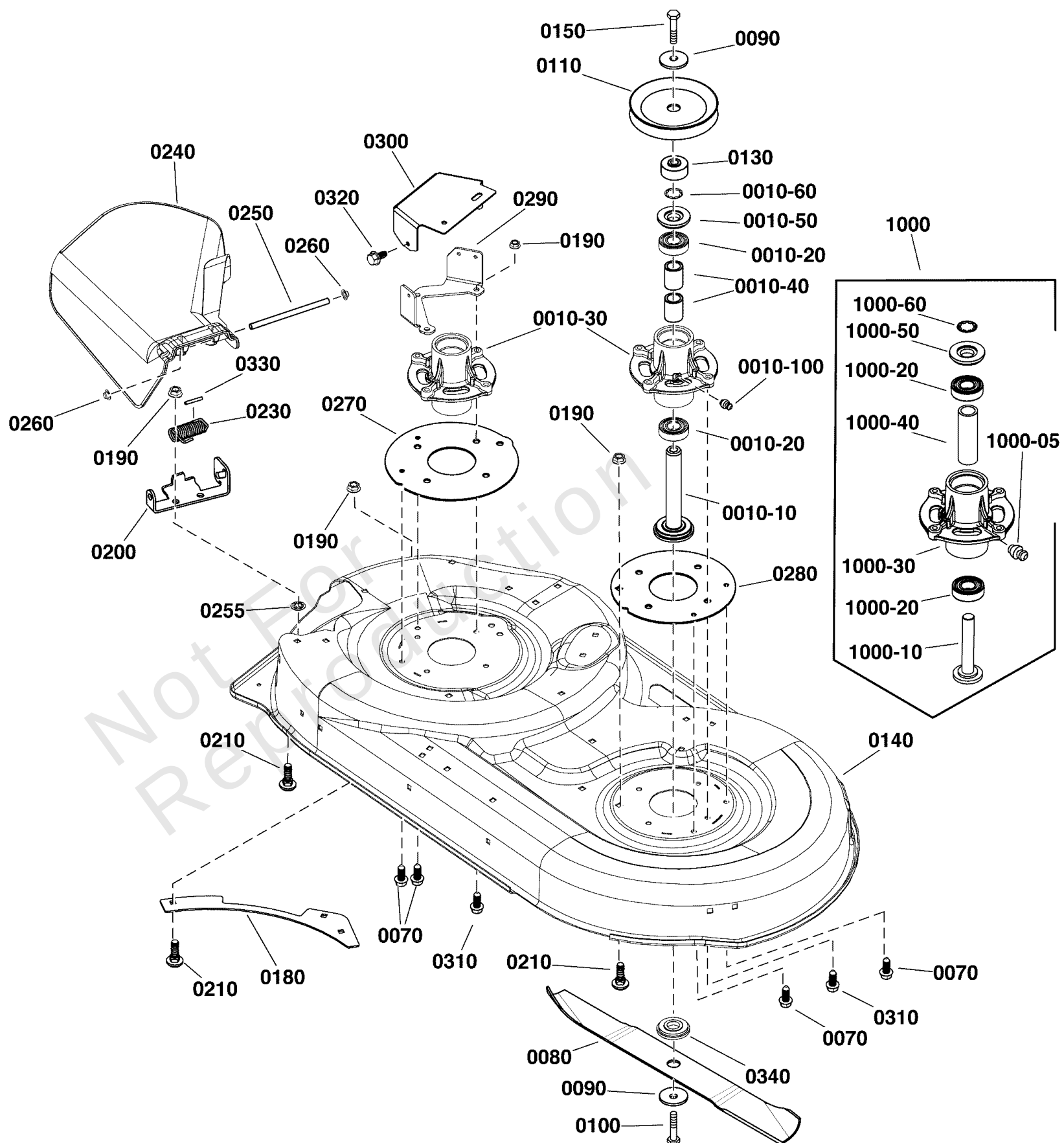
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42" (107cm) Mower Deck - Housing, Arbors & Blades Group

Note: Unless noted otherwise, use the standard torque specifications

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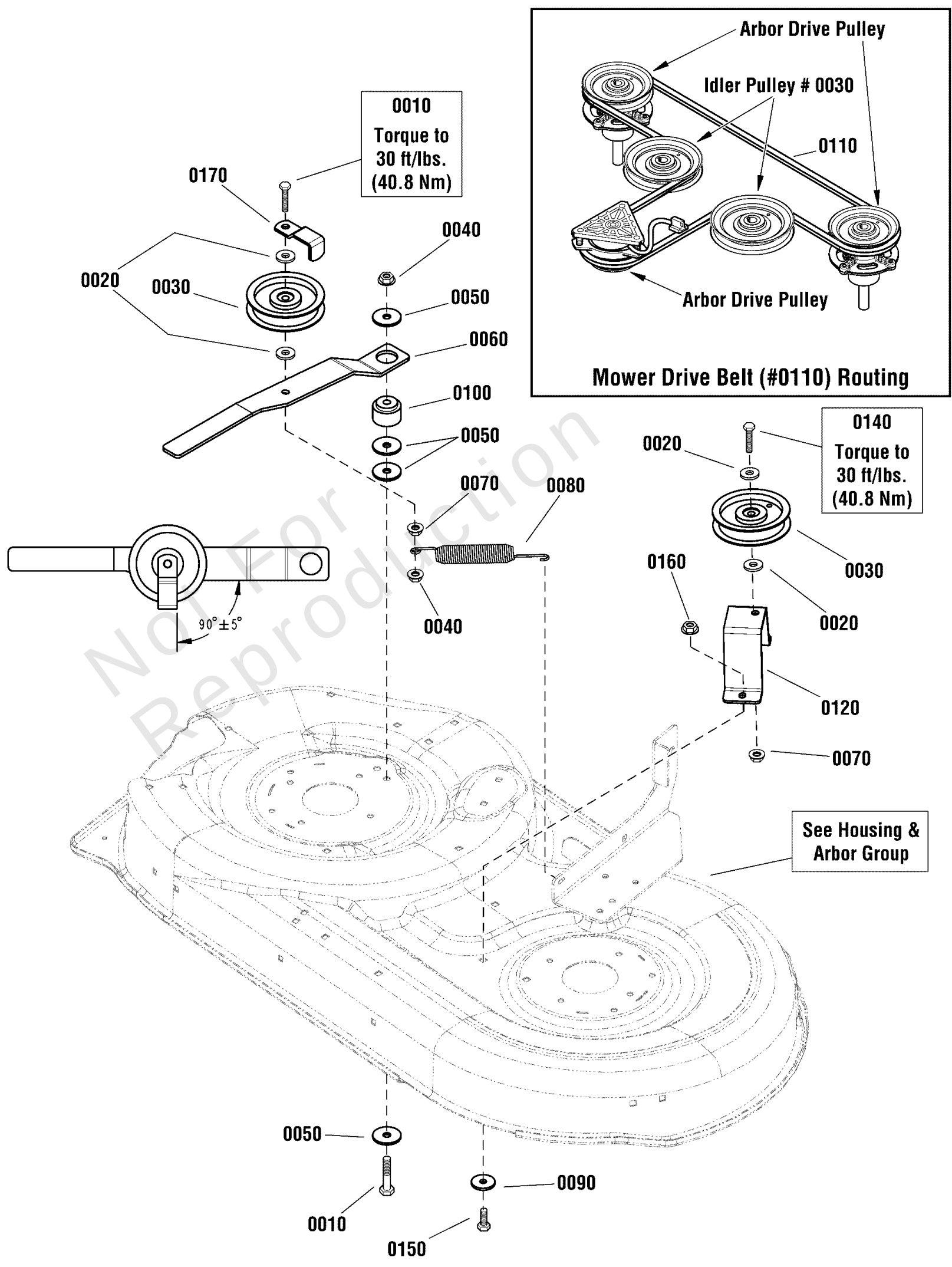
42" (107cm) Mower Deck - Housing, Arbors & Blades Group

REF NO	PART NO	QTY	DESCRIPTION
0010-10	1760276YP	2	SHAFT-SPINDLE -(Replaced by Ref. Nos. 1000-10, this spindle shaft is an exact replacement)
0010-20	1735399YP	4	BEARING, Ball, 20mm
0010-30	1735573YP	2	HOUSING, w/Lube Fitting
0010-40	1735328YP	4	SPACER, Bearing -(Replaced by Ref. Nos. 1000-50, this spacer is an exact replacement)
0010-50	1735323YP	4	SHIELD, Arbor
0010-60	1960766YP	2	RING, SELF LOCKING
0010-100	1704314SM	1	LUBE FITTING, .250 DR
1000	84003175	2	ARBOR ASSEMBLY
1000-05	1704314SM	1	LUBE FITTING, .250 DR
1000-10	84003170	1	SHAFT, SPINDLE
1000-20	1735399YP	2	BEARING, Ball, 20mm
1000-30	84003654	1	HOUSING ASSEMBLY
1000-40	84003167	1	SPACER, BEARING
1000-50	84003166	1	COVER, ARBOR
1000-60	1960766YP	1	RING, SELF LOCKING
0070	704146	4	SCREW, HEX, 5/16-18X1
0080	1752100AYP	2	BLADE, 42" Mower
0090	1656916SM	4	WASHER, SPRING 0.475I
0100	703579	2	HHCS, 7/16-14X1.25
0110	1737835YP	2	PULLEY, 4.50
0130	1737457YP	2	SPACER, Pulley
0140	1736504ZYP	1	HOUSING, 42" Mower Deck
0150	703579	2	HHCS, 7/16-14X1.25
0180	092426E701MA	2	PLATE, Rear
0190	703409	10	NUT, 5/16-18, GR5
0200	094956E701MA	1	BRACKET - HINGE
0210	703185	6	BOLT, Round Head, Short Square Neck
0230	0166X4MA	1	SPRING, Torsion
0240	094707MA	1	DEFLECTOR & SUPPORT ASSEMBLY, Chute
0250	094957ZMA	1	ROD, Deflector
0255	703297	2	RETAINER, GR5, 5/16
0260	703948	2	PUSHNUT, 3/8
0270	1750457BMYP	1	PLATE, SPINDLE, RH
0280	1750458BMYP	1	PLATE, SPINDLE, LH
0290	1752065BMYP	2	BRACKET, Guard Mount
0300	1758017BMYP	2	COVER, MOWER SPINDLE
0310	1930600SM	8	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 1-1/2
0320	26X263MA	6	SCREW.25-20 S-T
0330	5023489SM	1	CAP, PROTECTOR, .120
0340	1755892YP	2	SPACER, Blade Adapter

42" Mower Deck - Clutch Group

Note: Unless noted otherwise, use the standard torque specifications

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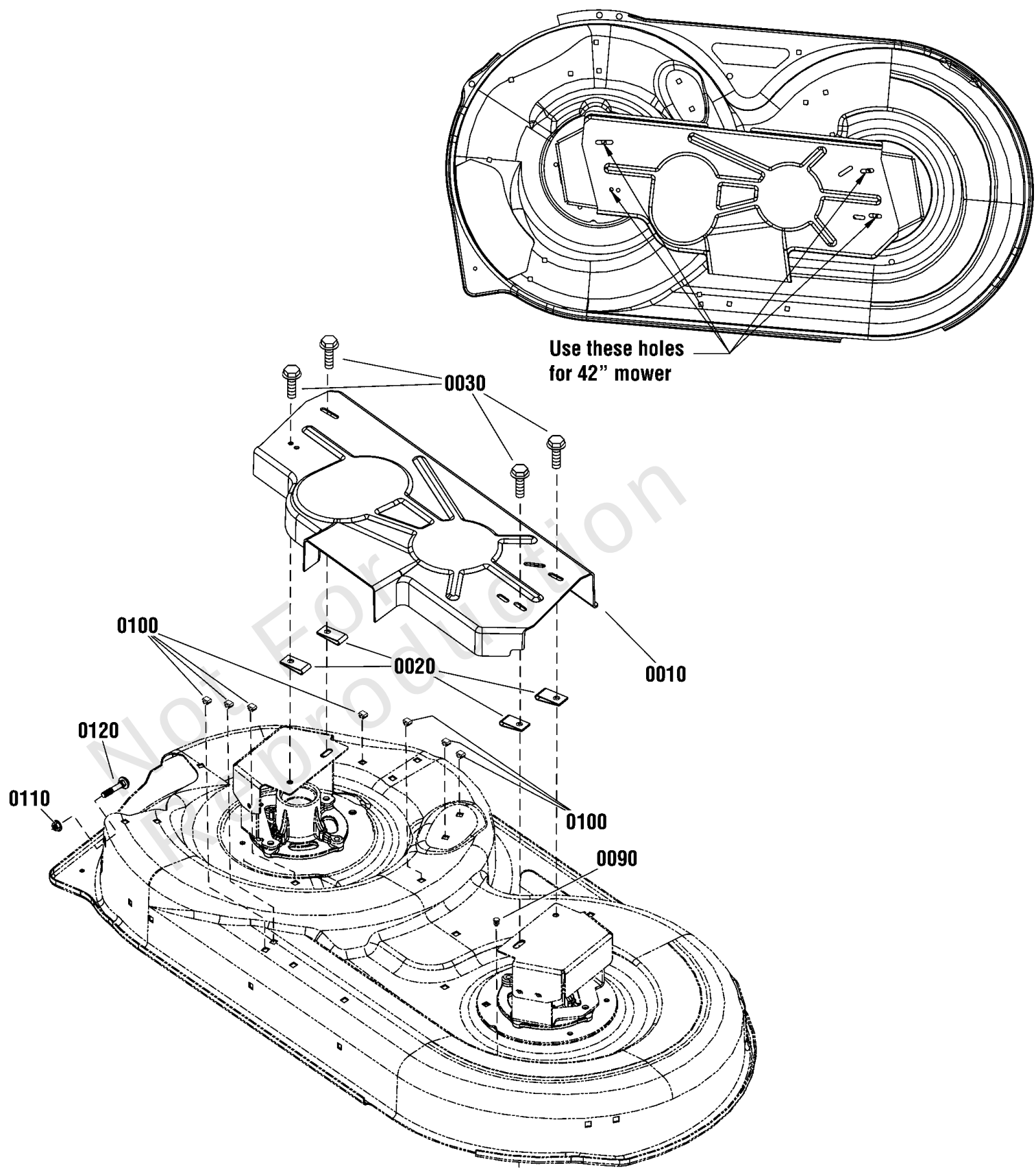
42" Mower Deck - Clutch Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1922130SM	2	CAPSCREW, Hex Head, 3/8-16 x 2-1/4, G5
0020	1922755SM	4	WASHER, 3/8 x 1 OD
0030	7018574SM	2	IDLER, Flat, 4 1/8
0040	1960339SM	2	NUT, Hex Flange, 3/8-16, Locking
0050	1924356SM	4	WASHER, 3/8 x 1-1/2 OD
0060	1731944ASM	1	ARM, Idler
0070	1931211SM	2	NUT, Hex Flange Whiz Lock, 3/8-16
0080	1731311SM	1	SPRING, Extension, 1-1/32 OD x 7-3/4
0090	1933468SM	2	WASHER, 5/16 x 1-1/4 OD
0100	1729007SM	1	SPACER, 3/8 ID X 1-1/2 OD x 1-1/32
0110	1732955SM	1	V-BELT, A Wedge Deep-Groove, .44"
0120	1731911ASM	1	SUPPORT, Idler
0140	1921971SM	1	CAPSCREW, Hex Head, 3/8-16 x 1-3/4, G5
0150	1923325SM	2	CAPSCREW, Hex Head, 5/16-18 x 7/8, G5
0160	1931277SM	2	NUT, Hex Flange Whiz Lock, 5/16-18
0170	1732884ASM	1	GUARD, Spring

42" Mower Deck - French Guard Group

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42" Mower Deck - French Guard Group

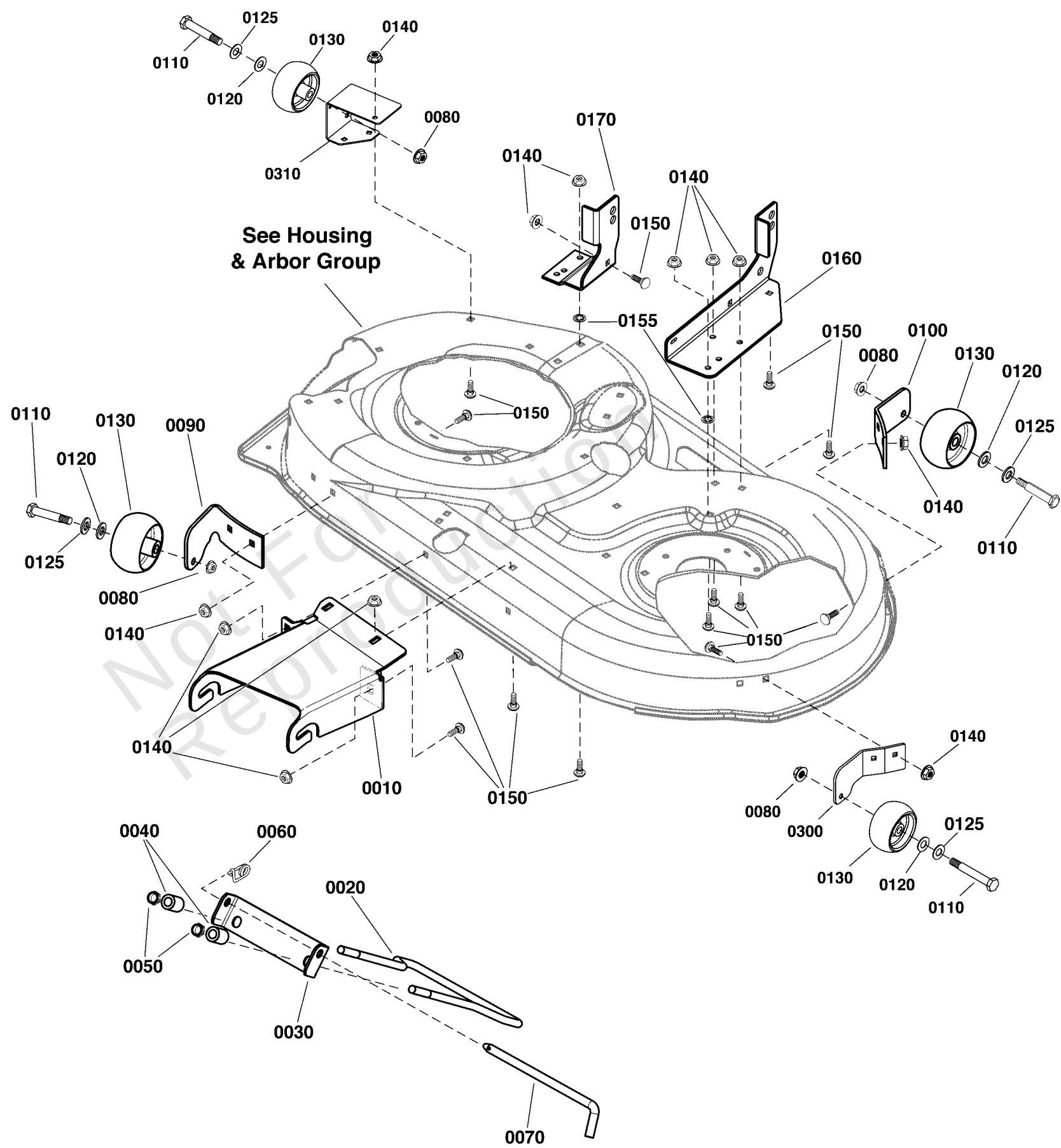
REF NO	PART NO	QTY	DESCRIPTION
0010	1751850YP	1	GUARD, Mower Housing
0020	1926018SM	4	NUT, Speed, 1/4
0030	1960295SM	4	SCREW, Hex Head, 1/4-20 x 5/8
0090	7046780SM	1	PLUG, Hole, .44" OD
0100	1705115SM	7	PLUG, Hole, 1/2 x 5/16 Inch, Rectangular
0110	703409	1	NUT, 5/16-18, GR5
0120	5025011X6SM	1	BOLT, 5/16-18 X 3/4"

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42" Mower Deck - Height Adjustment

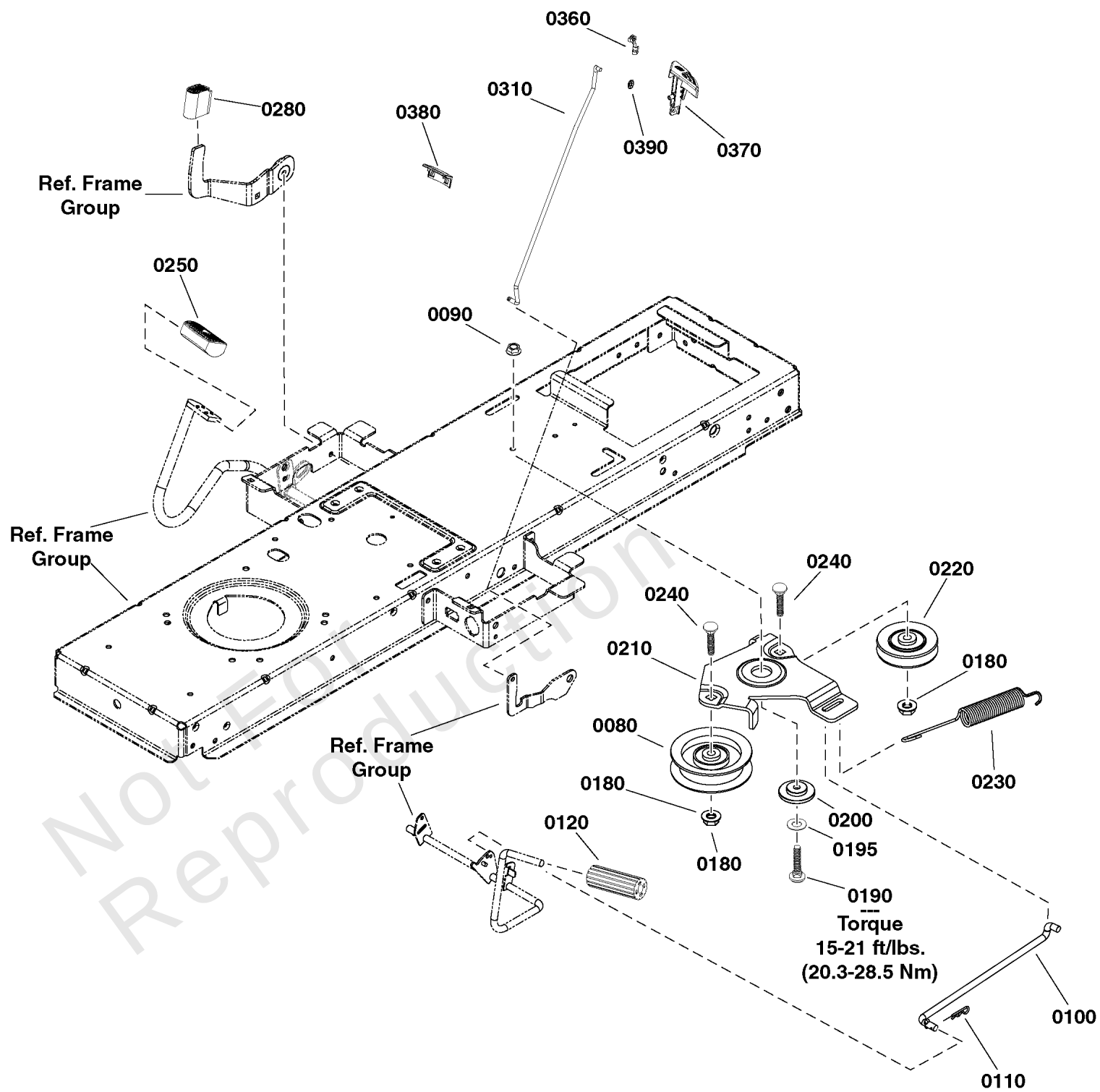
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42" Mower Deck - Height Adjustment

REF NO	PART NO	QTY	DESCRIPTION
0010	1731966BMYP	1	HITCH, Front
0020	1730097SM	1	ROD
0030	1730221ASM	1	HANGER, Front
0040	1679166SM	2	SPACER, 1/2 x 7/8 x 1 3/16
0050	1960379SM	2	NUT, Hex Lock, 1/2-13
0060	703852	1	PIN, 5/16 X 0.375
0070	1731414SM	1	ROD, Latch
0080	703158	4	NUT, Hex Flange, ESNA, 3/8-16
0090	1731402ASM	1	SUPPORT, Gauge Wheel, RH
0100	1731403ASM	1	SUPPORT-GAUGE WHEEL L
0110	2108765SM	4	BOLT-WHEEL 3/8-16X2.7
0120	703853	4	WASHER, 0.516IDX1OD
0125	0020X3MA	4	WASHER,SPRING .52X.99
0130	1714760SM	4	GAUGE WHEEL
0140	703409	17	NUT, 5/16-18, GR5
0150	703185	17	BOLT, Round Head, Short Square Neck
0155	703297	5	RETAINER, GR5, 5/16
0160	1753662BMYP	1	SUPPORT, Mower, LH
0170	1753663BMYP	1	SUPPORT, MOWER RH 38/
0300	1732258BMYP	1	BRACKET, Gauge Wheel, Front, LH
0310	7301171BMYP	1	BRKT, WHL GAUGE, RH



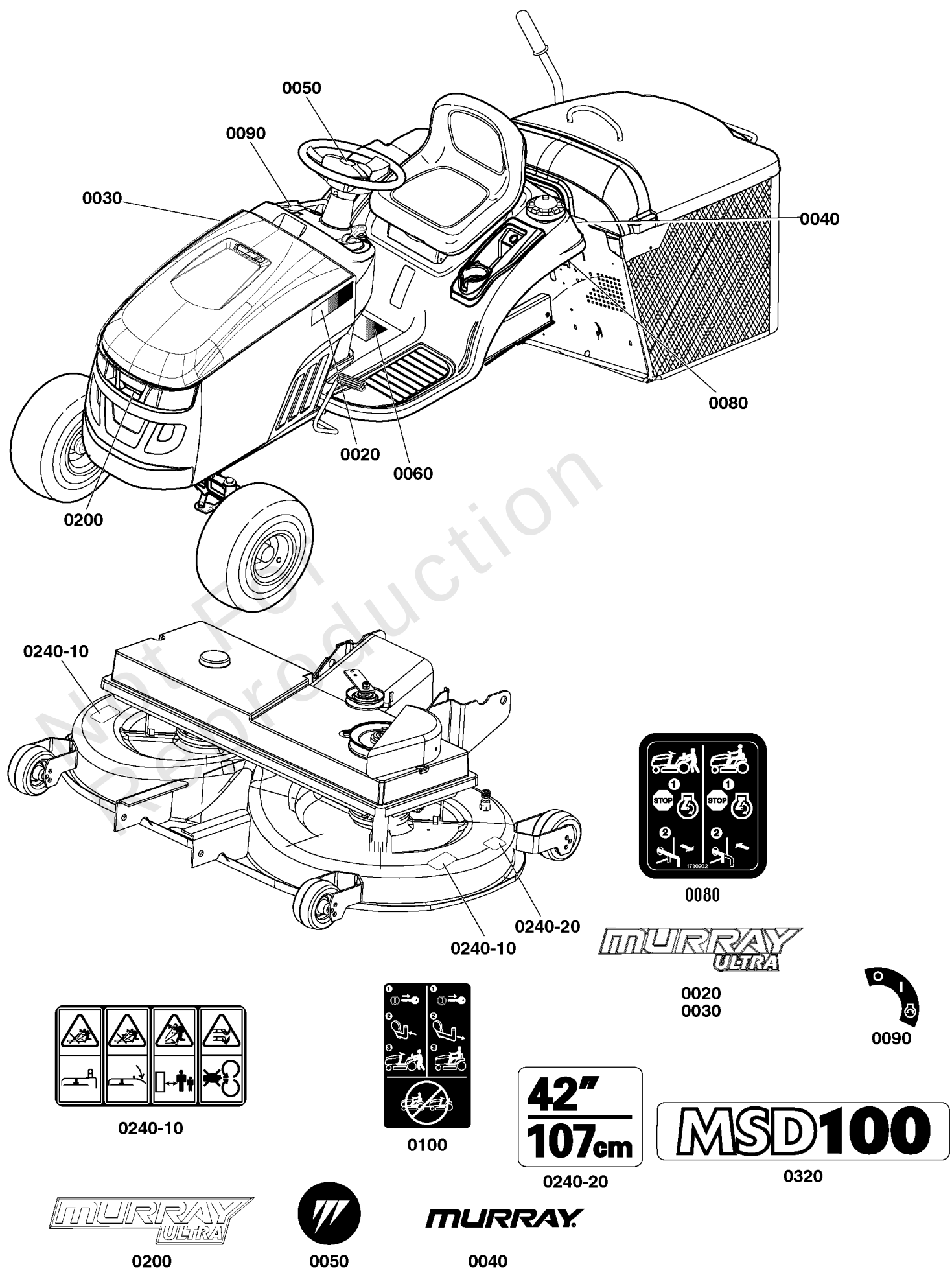
Controls Group

REF NO	PART NO	QTY	DESCRIPTION
0080	1728000SM	1	PULLEY, Idler
0090	703115	1	NUT
0100	1727254SM	1	ROD, Brake Return
0110	1722460SM	1	HAIRPIN
0120	1727261SM	1	PEDAL-BRAKE BLACK RUB
0180	703158	2	NUT, Hex Flange, 3/8-16
0190	703570	1	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
0195	1919326SM	1	WASHER, 5/16
0200	1727935SM	1	SPACER-PIVOT 0.330ID
0210	1727894SM	1	BRACKET, Idler
0220	1728001SM	1	PULLEY, 3"
0230	1729620SM	1	SPRING, Extension
0240	1931352SM	2	BOLT, Carriage, Short Neck, 3/8-16 x 1-1/2
0250	1721675SM	1	PAD, Foot Pedal Forward
0280	1727259SM	1	PAD, Foot Pedal Reverse
0310	1727267SM	1	ROD, Parking Brake
0360	1728111SM	1	CLIP, Linkage
0370	1728089SM	1	KNOB, Brake
0380	885686YP	1	PLUG, Cruise
0390	703826	2	BOLT, PUSHNUT 1/4

Decal Group

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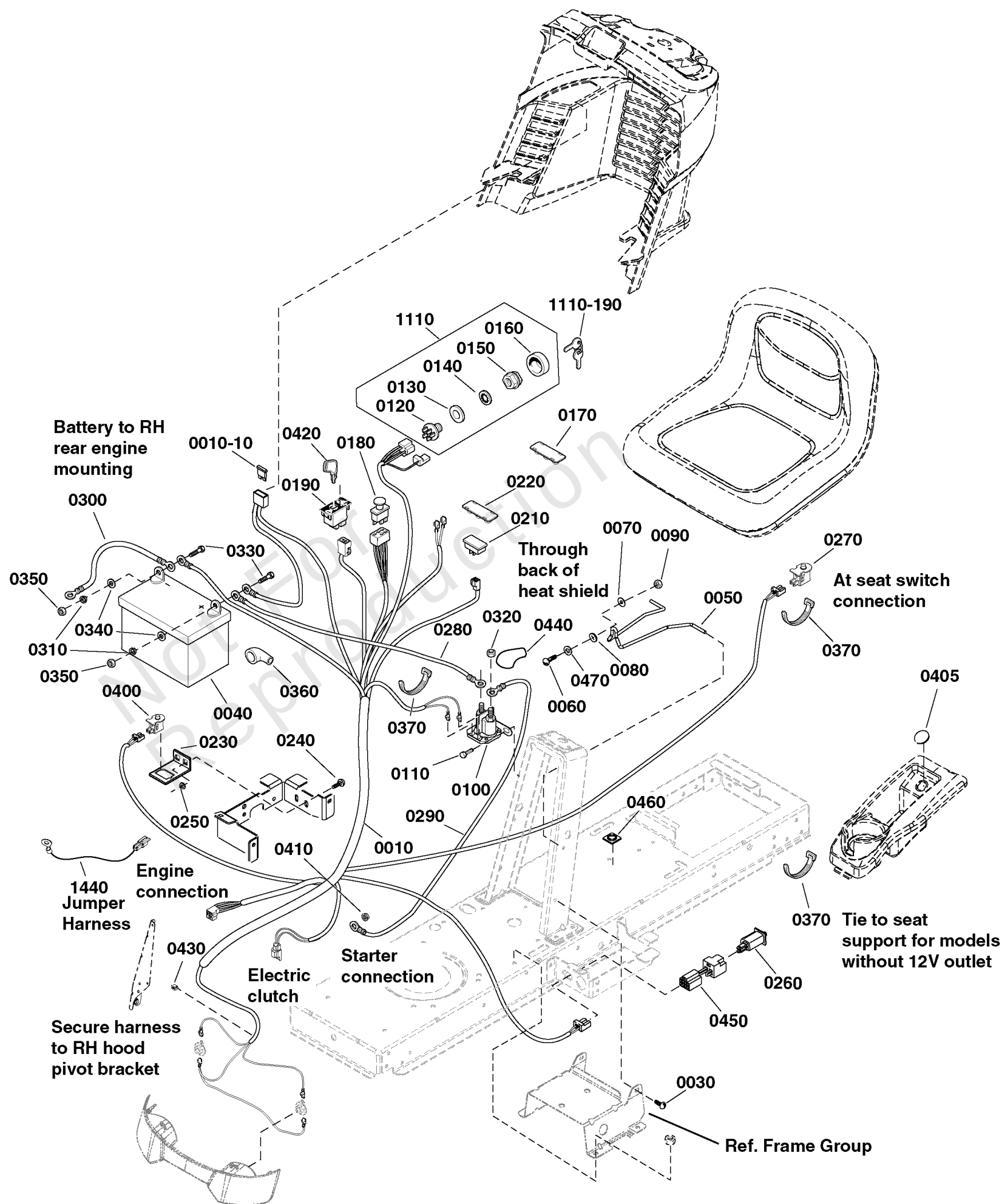
Decal Group

REF NO	PART NO	QTY	DESCRIPTION
0020	1760642YP	1	DECAL, Murray, LH
0030	1760643YP	1	DECAL, Murray, RH
0200	1760644YP	1	DECAL, Murray, Headlight
0040	1758941YP	1	DECAL, Murray, Back
0050	1758944YP	1	DECAL, Steering Wheel
0060	1750191YP	1	DECAL, Tunnel, Export
0090	1722806SM	1	DECAL, Ignition Switch Symbols
0320	1758936YP	1	DECAL, MSD100
0240-10	7106109YP	2	DECAL, Danger
0240-20	1755716YP	1	DECAL, 42"/107cm

Electrical Group

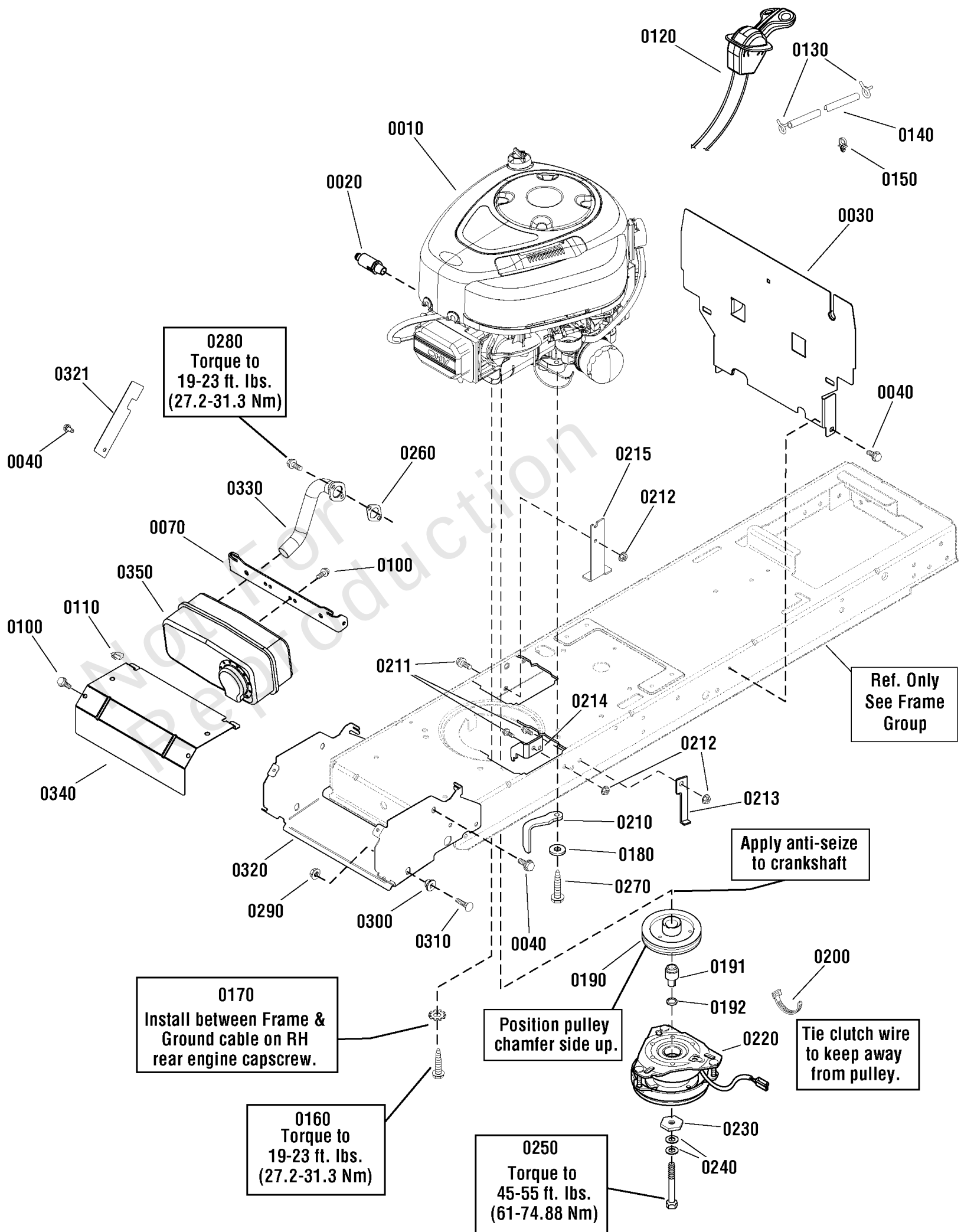
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Electrical Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1760255YP	1	WIRING HARNESS -(Includes Ref. 0010-10)
0010-10	1731957SM	4	FUSE, Wiring Harness -(Included with Ref. No 0010)
0030	703949	1	SCREW, 5/16-18.625
0040	-----	1	BATTERY, L Post, 12 Volt 6 Cell 340CCA -(Not a serviceable part)
0050	1730007SM	1	HOLD DOWN, Battery, 1/4 Dia.
0060	1931318SM	1	BOLT, Carriage, Short Neck, 1/4-20 x 7/8 G5
0070	1960353SM	1	WASHER, 1/4 x 27/32 OD
0080	703826	1	BOLT, PUSHNUT 1/4
0090	703232	1	NUT, 1/4-20, NYLOCK
0100	1755381YP	1	SOLENOID, L-BRACKET
0110	704130	2	SCREW, HEX, 1/4-20X.5
0120	1737853YP	1	SWITCH ASSEMBLY, Ignition Indak No Keys/Hdwr
0130	2101025SM	1	WASHER, 5/8
0140	7090880YP	1	WASHER, Internal Tooth, 5/8
0150	1717549SM	1	NUT, Hex Flange, 5/8-32 IGN SW DIE CAST
0160	1717550SM	1	COVER, Ignition Switch
0170	1729993SM	1	PLUG, Hole, 1.180 X 1.690
0180	1722887SM	1	SWITCH-PTO PUSH
0190	1726556SM	1	SWITCH, Reverse Mow Module
0210	1716951SM	1	SWITCH, Head lights
0220	1722611SM	1	PLUG-HOLE BLACK
0230	1728026ASM	1	SUPPORT, RMO Switch
0240	703185	2	BOLT, Round Head, Short Square Neck
0250	703409	2	NUT, 5/16-18, GR5
0260	7022886YP	1	SWITCH, DP NO/NC SNAP
0270	7023354YP	1	SWITCH, SEAT
0280	1752685YP	1	CABLE, Two Ring, #6 x 10
0290	1751450YP	1	CABLE,#6 x 25
0300	1752686YP	1	CABLE, # 6 x 26
0310	704133	2	LOCKWASHER, Split,1/4
0320	2860750SM	2	NUT-HEX KEPS 5/16-24
0330	703925	2	CAPSCREW, 1/4-20X.75
0340	703332	2	WASHER
0350	703127	2	NUT
0360	1677296SM	1	BOOT,INSULATOR BATTER
0370	703586	3	TIE, SELF LOCKING
0400	1732004SM	1	SWITCH-PUSH BUTTON
0405	1732007SM	1	PLUG, Hole, 7/8 Dia.
0410	703233	1	NUT, 1/4-20, GR5
0420	1726557SM	2	KEY, No Mow Module (Yellow)
0430	2172434SM	1	CLIP- WIRE DIA .390
0440	1713535SM	1	BOOT, Insulator, Red
0450	1734025SM	1	WIRES & CONNECTORS ASSEMBLY, Jumper
0460	1756249YP	1	MOUNT, Zip-Tie, Adhesive Backed
0470	1919326SM	1	WASHER, 5/16
1110	1686734SM	1	IGNITION SWITCH -(Incl. Ref. Nos. 0120, 0130, 0140, 0150 & 0160)
1110-190	1737837YP	1	KEYS, Ignition
1440	1760233YP	1	HARNESS, Jumper -(-Used before Serial No. 2017726935. Not required for replacement if Ref. No. 0010 is replaced)



Engine Group - Briggs & Stratton

REF NO	PART NO	QTY	DESCRIPTION
0010	-----	1	*ENGINE, 17.5HP B&S, Single, Choke-A-Matic -(Engine Model: 31R777-0022-B1)
0020	1750159YP	1	VALVE, Drain
0030	1738380AYP	1	HEAT SHIELD, Engine
0040	703949	9	SCREW, 5/16-18.625
0070	1727982BMYP	1	SUPPORT, Muffler
0100	704130	4	SCREW, HEX, 1/4-20X.5
0110	2172434SM	1	CLIP- WIRE DIA .390
0120	1751734YP	1	CONTROL Throttle, Choke-a-Matic
0130	93053B	2	CLAMP, Hose
0140	706024	1	HOSE, Fuel, Low Perm, 1/4ID x 1/2OD x 49.5 Lg
0150	1730268SM	2	CLIP, Hose, 1/2 Dia., Push In
0160	2827187SM	2	CAPSCREW, Hex Washer Head, Taptite, 3/8-16 x 1
0170	703864	1	WASHER, EXT, 3/8
0180	703878	1	WASHER, FLAT
0190	1732576SM	1	PULLEY & HUB ASSEMBLY, Engine
0191	885679YP	1	SPACER, Electric Clutch
0192	885810YP	1	SPACER, Electric Clutch, Lower
0200	703586	1	TIE, SELF LOCKING
0210	1737421BMYP	1	**GUIDE, Belt
0211	704287	4	CAPSCREW, 5/16-18X.75
0212	703409	6	NUT, 5/16-18, GR5
0213	1757405BMYP	1	BRACKET, Upstop, Lower Clutch
0214	885535AYP	1	BRACKET, Electric Clutch Torque
0215	1737404BMYP	1	BRACKET, Upstop
0220	1736105SM	1	CLUTCH, ELECTRIC
0230	1708264SM	1	WASHER, HEX, 0.453ID
0240	1960769YP	2	WASHER, Belleville
0250	7102075YP	1	CAPSCREW, Hex Head, 7/16-20 x 5, G5
0260	1731214SM	1	GASKET, Exhaust
0270	2828635SM	2	SCREW-HEX WSHR HD TAP
0280	690341	2	SCREW
0290	703409	2	NUT, 5/16-18, GR5
0300	1728086SM	2	PIVOT, Hood, Powdered Metal
0310	703800	2	BOLT, CRRG, 5/16-18X1
0320	1738265AYP	1	SUPPORT, Muffler & Hood Pivot
0321	1736025BMYP	1	GUARD, Pulley, Rear
0330	1728959SM	1	PIPE, Exhaust, Flanged, 1-1/4 OD
0340	1727996BMYP	1	SHIELD, Heat
0350	1727993SM	1	MUFFLER, Briggs & Stratton, Single

Footnotes:

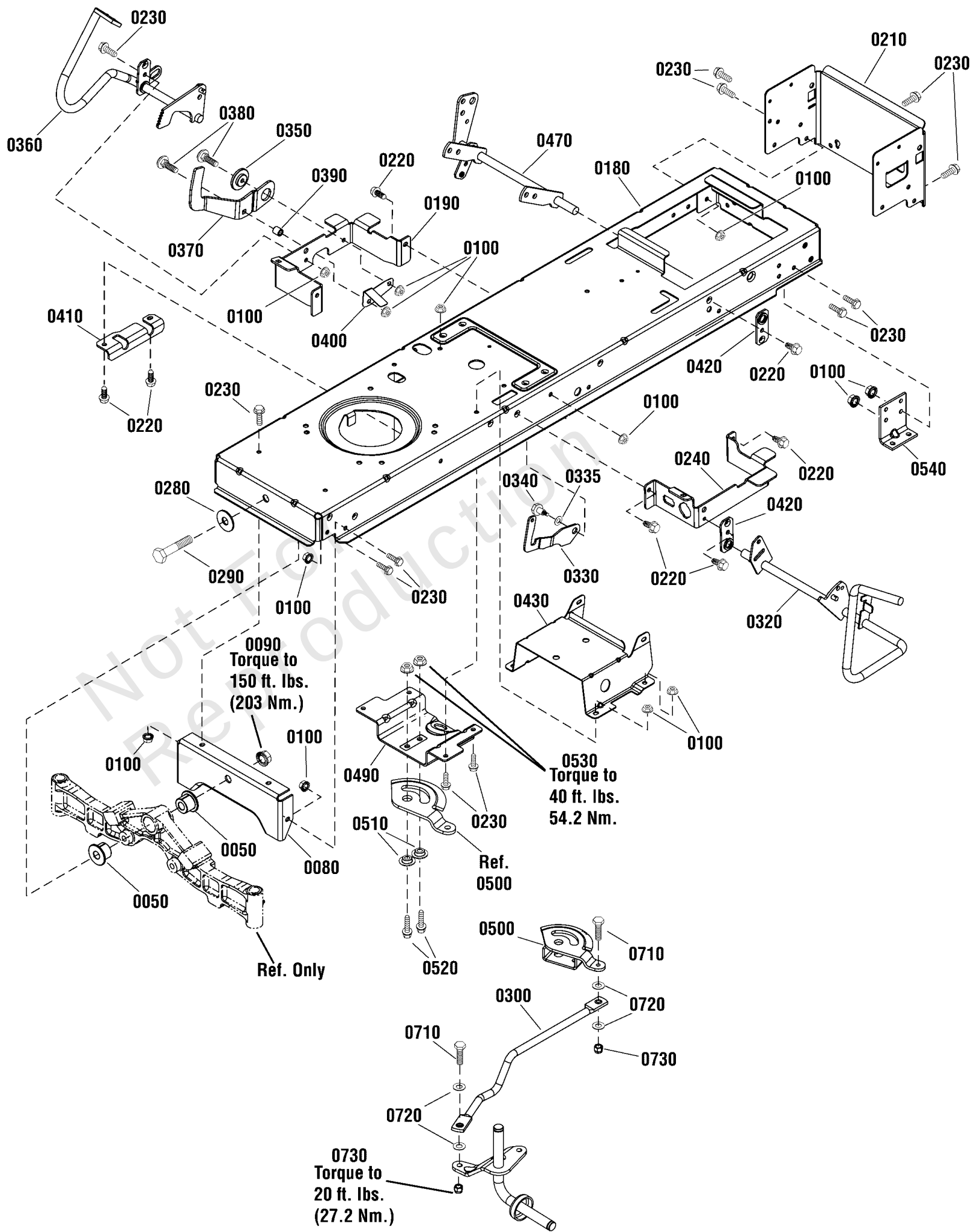
Note:** Used on serial numbers 2016732404 and below

Note:* See your local Briggs & Stratton distributor for parts and service.

Frame & Front Axle Group

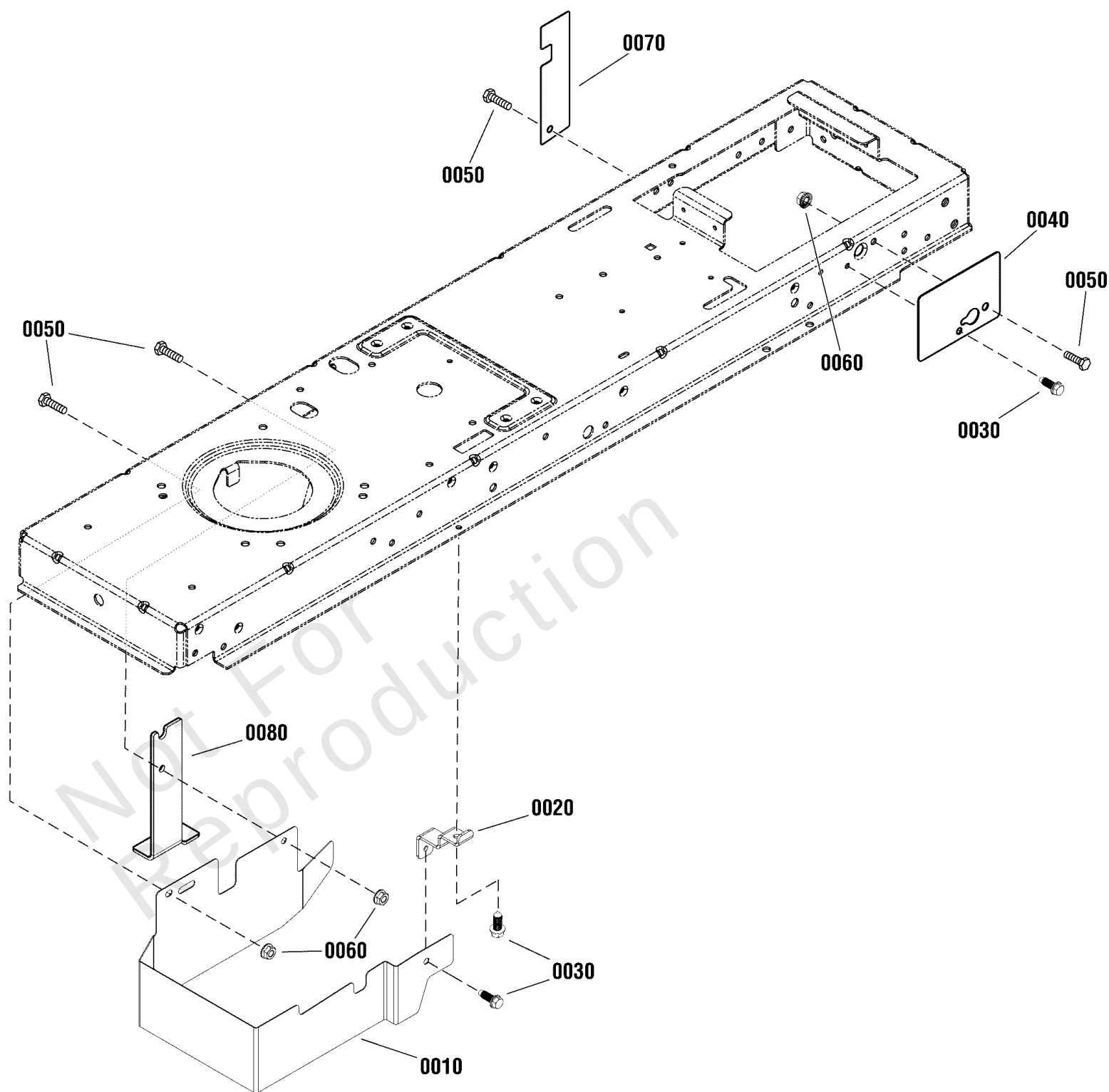
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Frame & Front Axle Group

REF NO	PART NO	QTY	DESCRIPTION
0050	1730186SM	2	BUSHING, Axle Pivot
0080	1727902SM	1	PLATE, Axle Support
0090	2860646SM	1	NUT, Hex Flange, 5/8-11
0100	703409	26	NUT, 5/16-18, GR5 -(Qty of 21 used on rear suspension units)
0180	-----	1	FRAME -(Not a serviceable part)
0190	1727904SM	1	SUPPORT, Front Footrest, RH
0210	1758690YP	1	SUPPORT, Rear Frame
0220	1930601SM	9	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 5/8
0230	703354	23	SCREW, 5/16-18 -(Qty of 18 used on rear suspension units)
0240	1759841BMYP	1	SUPPORT, Front Footrest, LH
0280	1960035SM	1	WASHER-0.625(0.64IDX1
0290	2860744SM	1	CAPSCREW, Hex Head, 5/8-11 x 3 1/4
0300	1738051YP	1	LINK, Drag (with Bearing), 5/16
0320	1736404AYP	1	PEDAL ASSY, BRAKE
0330	1735595ASM	1	LATCH, Brake Lock
0335	7014296YP	1	WASHER, Shim
0340	1729576SM	1	BOLT, Shoulder, 5/16-18 x 15/32
0350	1727935SM	1	SPACER-PIVOT 0.330ID
0360	1736714AYP	1	FORWARD PEDAL ASSEMBLY
0370	1727246SM	1	PEDAL, Reverse
0380	1960223SM	2	BOLT-RD HD SH SQ NK 5
0390	1728024SM	1	SPACER, Foot Pedal
0400	1728025SM	1	ACTUATOR, RMO Switch
0410	1727909SM	1	BRACKET, Pedal Pivot
0420	1727911ASM	2	PLATE, Bearing
0430	1727282SM	1	SUPPORT, Battery
0470	1737957YP	1	LIFT SHAFT ASSEMBLY
0490	1727940SM	1	BRACKET, Sector Support
0500	1751110YP	1	GEAR, Steering
0510	1728122SM	2	SPACER, Sector Gear
0520	1934654SM	2	CAPSCREW, Hex Flange, Whiz Lock, 3/8-16 x 1
0530	1930645SM	2	NUT, Hex Flange, Two Way Lock, 3/8-16
0710	1921977SM	2	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
0540	1727903ASM	2	SUPPORT, Transmission -(Not used on rear suspension units)
0720	1919326SM	4	WASHER, 5/16
0730	1935048SM	2	NUT, Hex Flange, Two Way Lock, 5/16-18



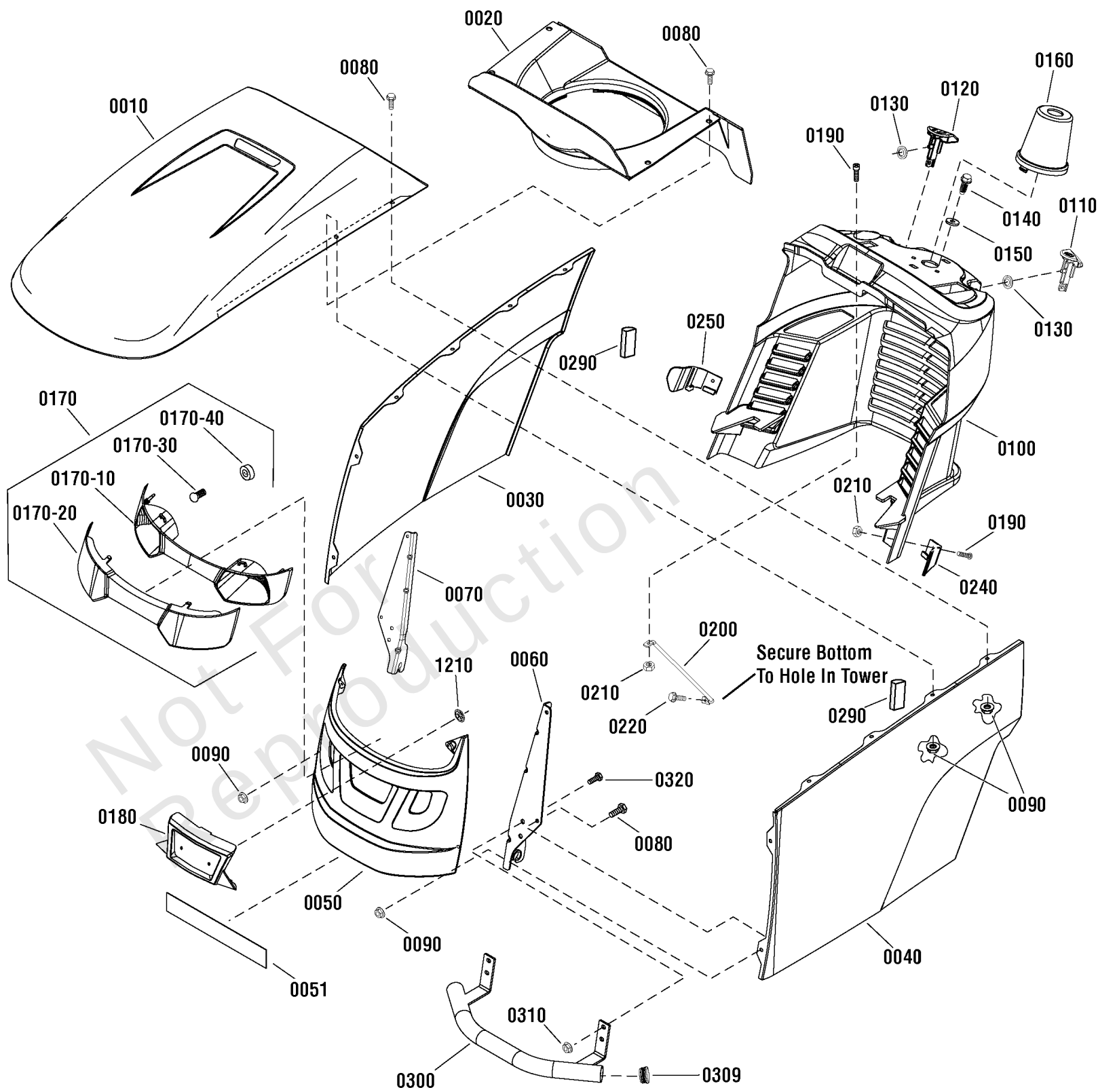
French Guard Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1758016BMYP	1	GUARD, Engine Pulley
0020	1752160BMYP	1	BRACKET, Guard Support
0030	703949	3	SCREW, 5/16-18.625
0040	1760016CJYP	1	GUARD, Rear
0050	704287	3	CAPSCREW, 5/16-18X.75
0060	703409	3	NUT, 5/16-18, GR5
0070	1736025BMYP	1	GUARD, Pulley, Rear
0080	1757404BMYP	1	BRACKET, Upstop

Hood, Grille, & Dash Group

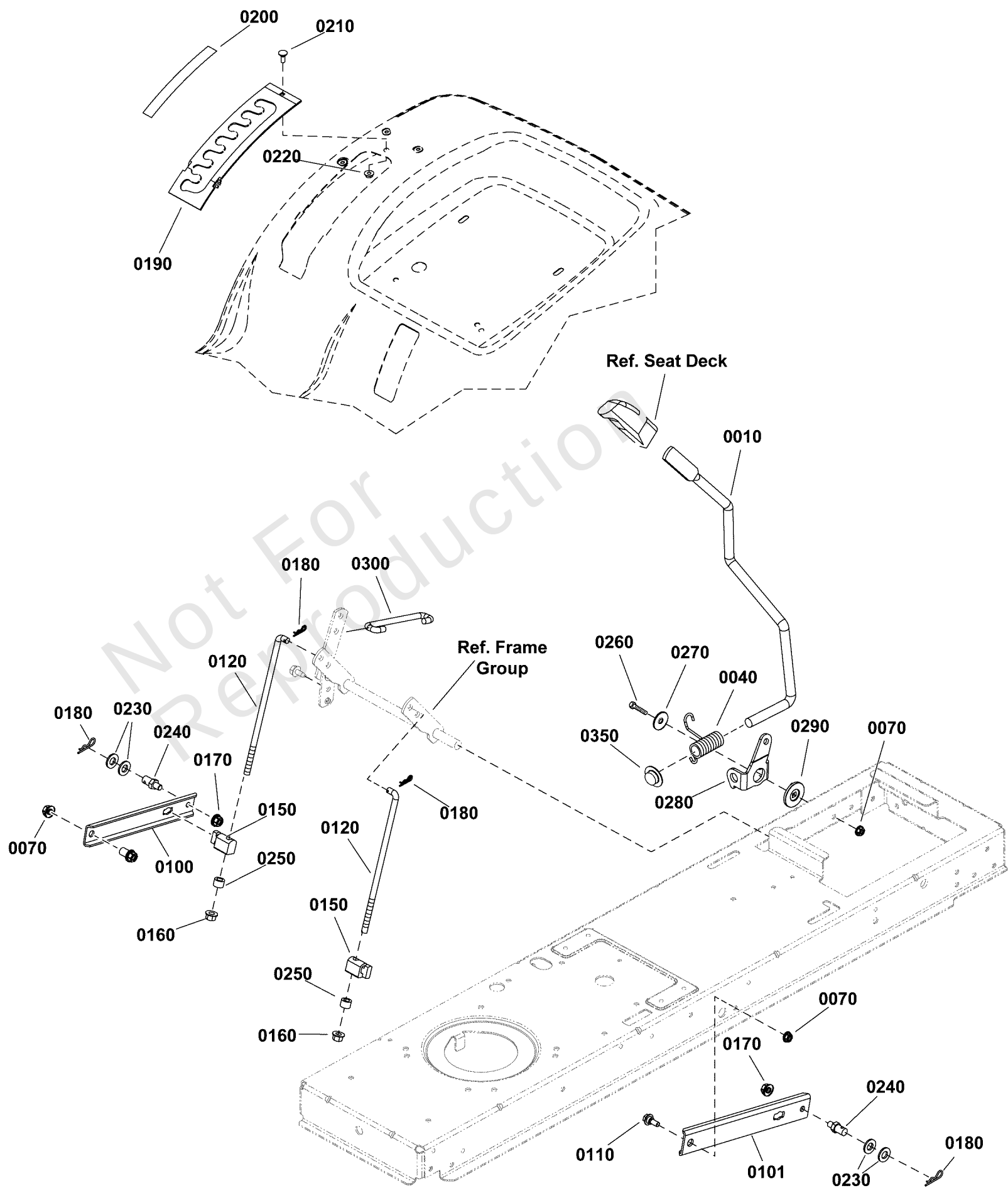
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Hood, Grille, & Dash Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1728031BJYP	1	HOOD, Top
0020	7102326YP	1	DUCT, Air Inlet Plastic
0030	1760755BJYP	1	PANEL, Hood R.H.
0040	1760756BJYP	1	PANEL, Hood, L.H.
0050	1728059BJYP	1	GRILLE
0051	1758731YP	1	INSULATION
0060	1727279BMYP	1	HINGE, HOOD, LH ECOAT
0070	1727280ASM	1	HINGE, Hood R.H.
0080	1960295SM	12	CAPSCREW, Whizlock, 1/4-20 x 5/8
0090	703161	12	NUT
0100	1727293SM	1	CONSOLE -(96cm Models Only)
0100	1758660YP	1	CONSOLE -(107cm Models Only)
0110	1728089SM	1	KNOB, Brake Lock Plastic
0120	1728090SM	1	KNOB, Cruise Lock Green Plastic -(Cruise Control Models Only)
0130	1960518SM	2	NUT, Push Pal
0140	703228	2	SCREW, 5/16-18 X .75
0150	703298	2	WASHER, 5/16
0160	1727999SM	1	COVER, Steering Shaft Plastic
0170	1727296SM	1	HEADLIGHT ASMY-HUNTER -(Incl Ref. Nos. 0170-10, 0170-20, 0170-30 & 0170-40)
0170-10	1728973SM	1	REFLECTOR, Headlight -(Included with Ref No. 0170)
0170-20	1728974SM	1	LENS, HEADLIGHT -(Included with Ref No. 0170)
0170-30	1677371SM	2	BULB-HEADLIGHT 1 -(Included with Ref No. 0170)
0170-30	1755317YP	2	BULB, LED (1156) -(Interchangeable with Incandescent bulb)
0170-40	1723451SM	2	SOCKET ASSEMBLY -(Included with Ref No. 0170)
0171	1760239YP	1	LED HEADLIGHT AND SOCKET ASSEMBLY -(Included with Ref. No. 0170 on 107cm Models Only)
0180	1755583YP	1	INSERT, Headlight
0190	1960392SM	3	SCREW, Pan Head Phillips, #10-24 x 1
0200	1723123SM	1	ROD, Dash Support
0210	703412	3	NUT, NYLOCK, 10-24
0220	1925003SM	1	SCREW, Self-Tap
0240	1732030SM	1	GUIDE, Hood L.H.
0250	1732031SM	1	GUIDE, Hood R.H.
0290	1754094YP	2	POSITIONER, Hood
0300	1731270BMYP	1	BUMPER -(107cm Models Only)
0309	7102347YP	2	PLUG -(107cm Models Only)
0310	703409	4	NUT, 5/16-18, GR5 -(107cm Models Only)
0320	703354	4	SCREW, 5/16-18 -(107cm Models Only)
1210	1960521SM	2	PUSHNUT



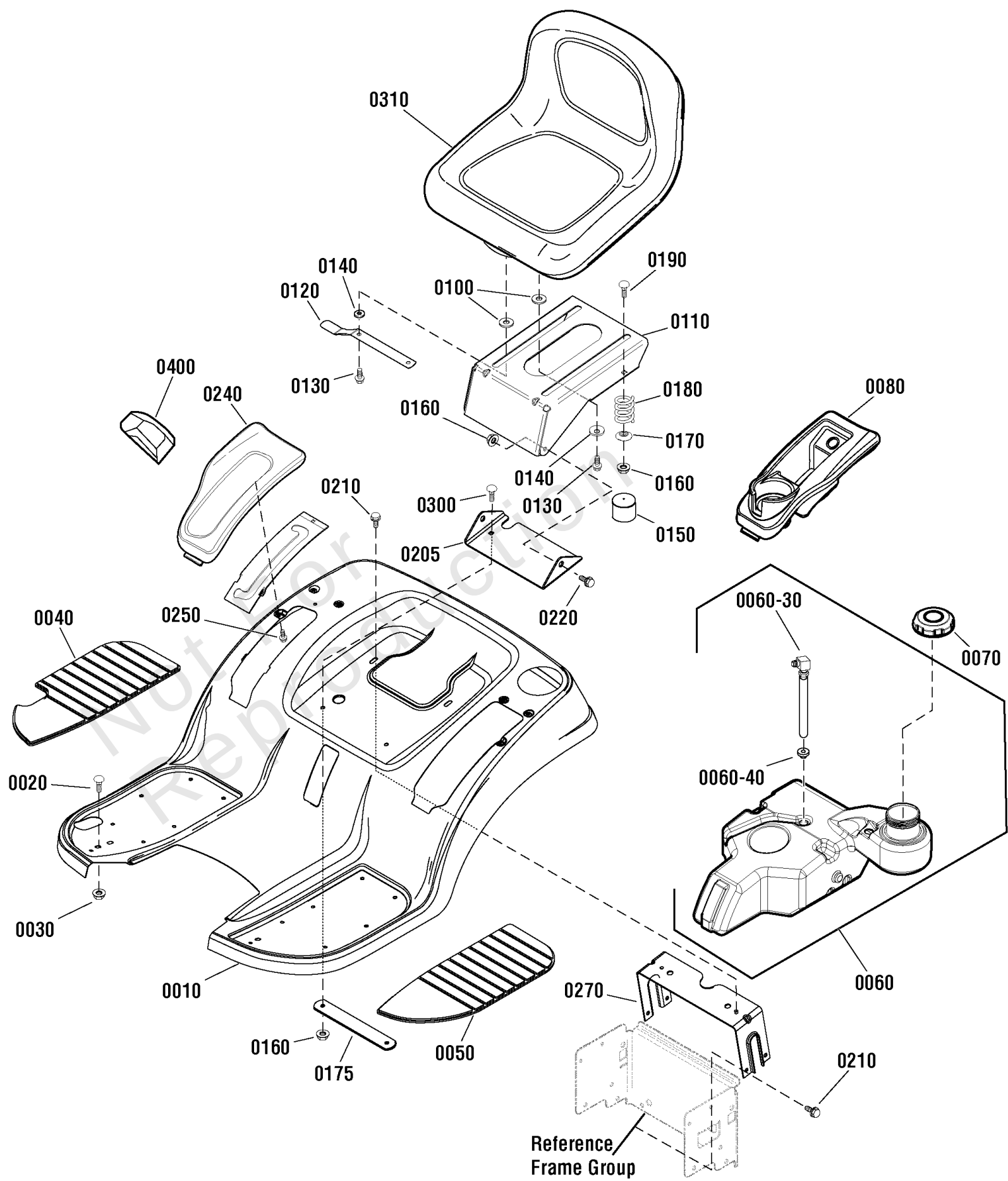
Lift Group - Manual

REF NO	PART NO	QTY	DESCRIPTION
0010	1728070SM	1	ROD, Lift Handle, 18-7/8"
0040	1729652SM	1	SPRING, Torsion
0070	703409	3	NUT, 5/16-18, GR5
0100	1731417BMYP	1	ARM, REAR LIFT ECOAT
0101	1758146BMYP	1	ARM, Rear Lift
0110	1732426SM	2	BOLT-SHLDR 5/16-18 0.
0120	1727955SM	2	ROD, Lift, Lower, 3/8 x 10 Long
0150	1731894SM	2	TRUNNION
0160	703158	2	NUT, Hex Flange, 3/8-16
0170	703333	2	NUT, 3/8-16
0180	703300	4	PIN, 3/32 X 1.6
0190	1727985SM	1	QUADRANT, Lift Height
0200	1730264SM	1	DECAL, Height Of Cut
0210	1960252SM	1	BOLT-RD HD SH SQ NK 1
0220	703161	1	NUT
0230	703853	2	WASHER, 0.516IDX1OD
0240	704054	2	PIN, 3/8-16
0250	1666294SM	2	SPACER, .385 ID x .6697 OD x .455 Long
0260	703570	1	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
0270	1960044SM	1	WASHER-0.312(0.33IDX1
0280	1728990ASM	1	CLEVIS, Lift
0290	1727935SM	1	SPACER-PIVOT 0.330ID
0300	1727954SM	1	ROD, Lift .375 dia
0350	771009		PUSHNUT, 5/8

Seat Deck & Fuel Tank

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691396-00



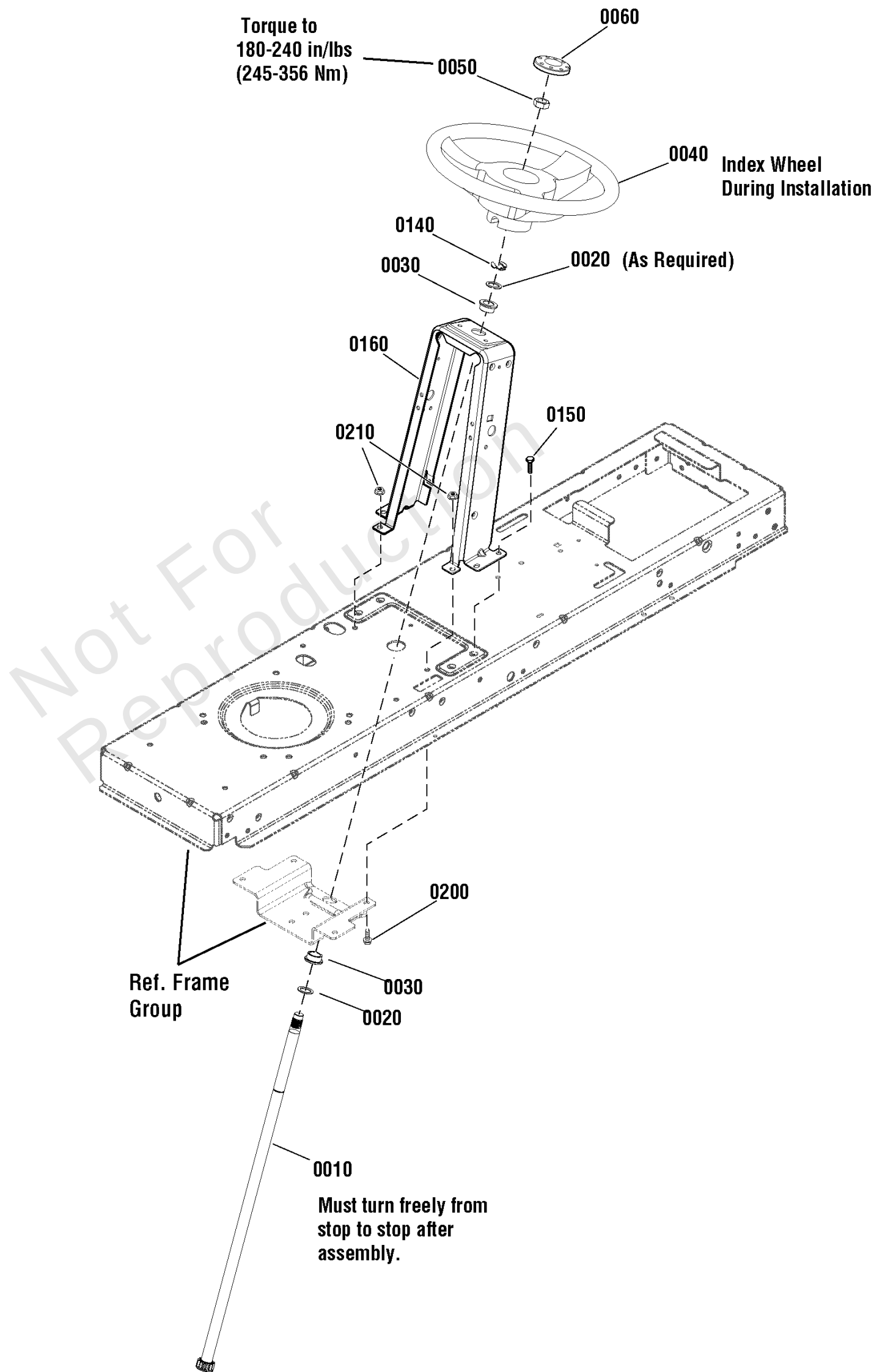
Seat Deck & Fuel Tank

REF NO	PART NO	QTY	DESCRIPTION
0010	1727264BJYP	1	DECK, Seat
0020	703185	4	BOLT, Round Head, Short Square Neck
0030	703409	4	NUT, 5/16-18, GR5
0040	1728007SM	1	PAD, Footrest, R.H.
0050	1728006SM	1	PAD, Footrest, L.H.
0060	1738932YP	1	TANK, Fuel -(Includes Ref. Nos. 0060-30 & 0060-40)
0060-30	1674231SM	1	ELBOW FITTING
0060-40	1654930SM	1	BUSHING
0070	1758609YP	1	CAP, Gas
0080	1739535YP	1	POD, L.H., Black
0100	1731300SM	4	SPACER, 5/16 ID x 1-1/4 OD x 5/16
0110	1755767BMYP	1	SUPPORT, Seat
0120	1727268BMYP	1	LATCH, Seat
0130	1930595SM	4	CAPSCREW, Hex Flange Whiz Lock, 5/16-18 x 1-1/4
0140	703298	4	WASHER, 5/16
0150	1704724SM	2	COVER, Spring
0160	703115	6	NUT
0170	1709256SM	4	WASHER, Spring, 5/16 x 1 1/4
0175	1759177CJYP	1	SUPPORT, Seat Pivot
0180	1704728SM	2	SPRING, Compression
0190	703225	2	BOLT
0205	1757755BMYP	1	BRACKET, Seat Pivot
0210	703949	6	SCREW, 5/16-18.625
0220	1729576SM	2	BOLT, Shoulder, 5/16-18 x 15/32
0240	1739537YP	1	POD, R.H.
0250	1960536SM	6	SCREW, HEX WSHR HD PL
0270	1731310SM	1	SUPPORT, Seat Deck
0300	704065	2	BOLT, 5/16-18X.875
0310	1754213YP	1	SEAT, 15"
0400	1722302SM	1	GRIP

Steering Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691396-00



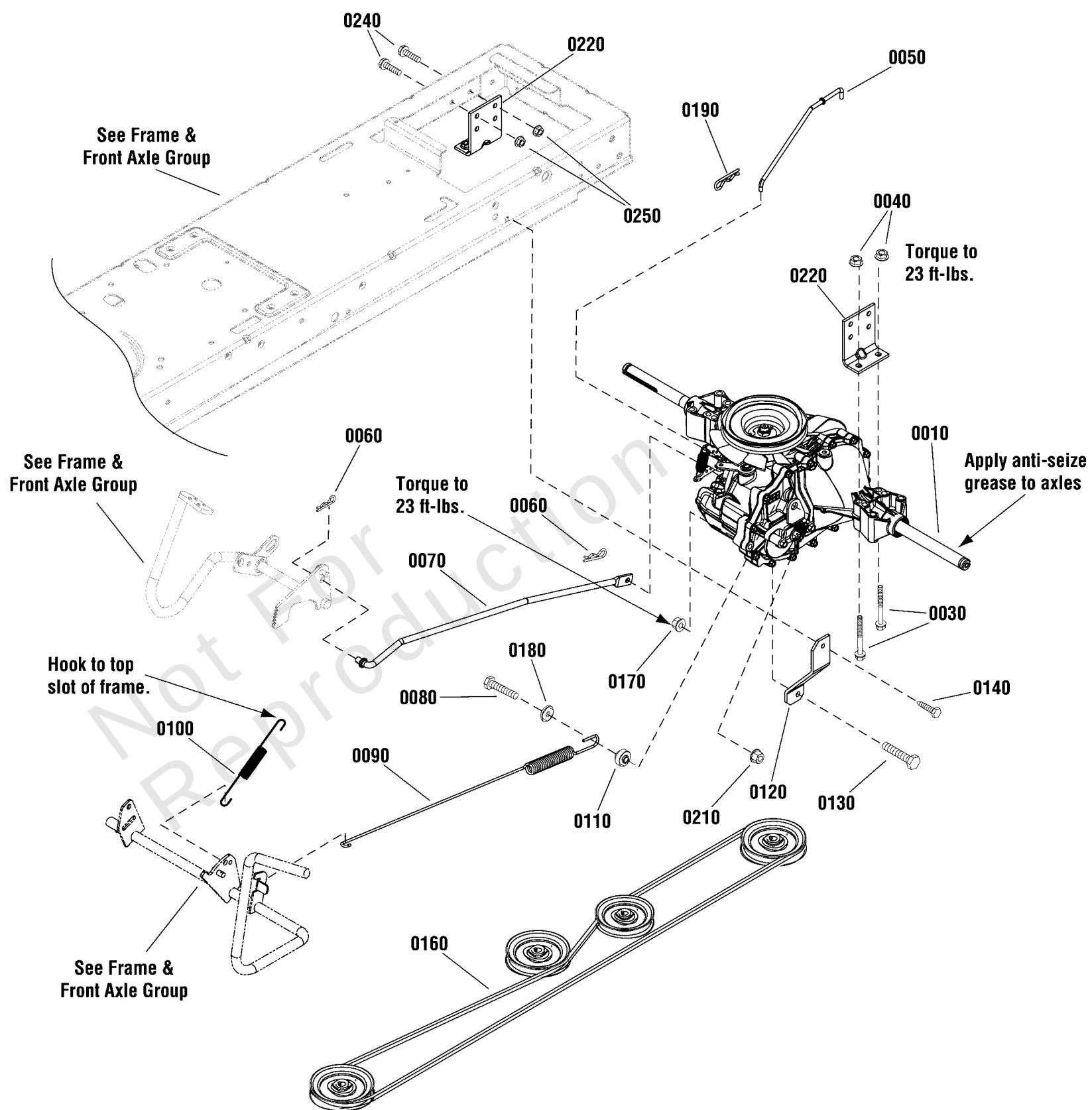
Steering Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1727813SM	1	SHAFT, Steering Gear & Spline
0020	1960114SM	2	WASHER, 3/4
0030	1729665SM	2	BUSHING, Steering
0040	7078088YP	1	STEERING WHEEL
0050	1960576SM	1	NUT, Hex Lock, ESNA Light, 5/8-18
0060	1725024SM	1	CAP, Steering Wheel
0140	1611710SM	1	RING, Klipring
0150	1930601SM	4	SCREW, Hex Washer Head, Taptite, 5/16-18 x 5/8
0160	1738935AYP	1	TOWER
0200	703354	2	SCREW, 5/16-18
0210	703409	2	NUT, 5/16-18, GR5

Transmission Group - Hydro Gear

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691396-00



Transmission Group - Hydro Gear

REF NO	PART NO	QTY	DESCRIPTION
0010	1736637	1	* TRANSMISSION, Hydro Gear
0030	1960586	4	CAPSCREW, Hex Head Whiz Lock, 5/16-18 x 2-1/2
0040	1931277	4	NUT, Hex Flange, 5/16-18
0050	1736716	1	ROD, Free Wheel
0060	1722460	2	PIN, Quick
0070	1750545	1	ROD, Speed Control
0080	1921977	1	CAPSCREW, Hex Head, 5/16-18 x 1-1/4
0090	1736409	1	SPRING, Extension
0100	1721995	1	SPRING, Extension, 6-5/8 Lg
0110	1736854	1	SPACER
0120	1736410A	1	STRAP, Torque
0130	1921978	1	CAPSCREW, Hex Head, 5/16-18 x 2
0140	1664847SM	1	CAPSCREW, Hex Head, Taptite, 5/16-18 x 3/4
0160	1737441	1	V-BELT, Drive Belt, HA, 88.46
0170	1960686	2	NUT, Hex Flange, 5/16-18
0180	1919381	1	WASHER, Flat, 5/16 x 1 OD
0190	1960221	1	CLIP, Hair Pin, 5/8 Dia. x 1-5/16 Lg
0210	704067	1	NUT, HEX FLNG,5/16-18
0220	1727903ASM	2	SUPPORT, Transmission
0240	703354	4	SCREW, 5/16-18
0250	703409	4	NUT, 5/16-18, GR5

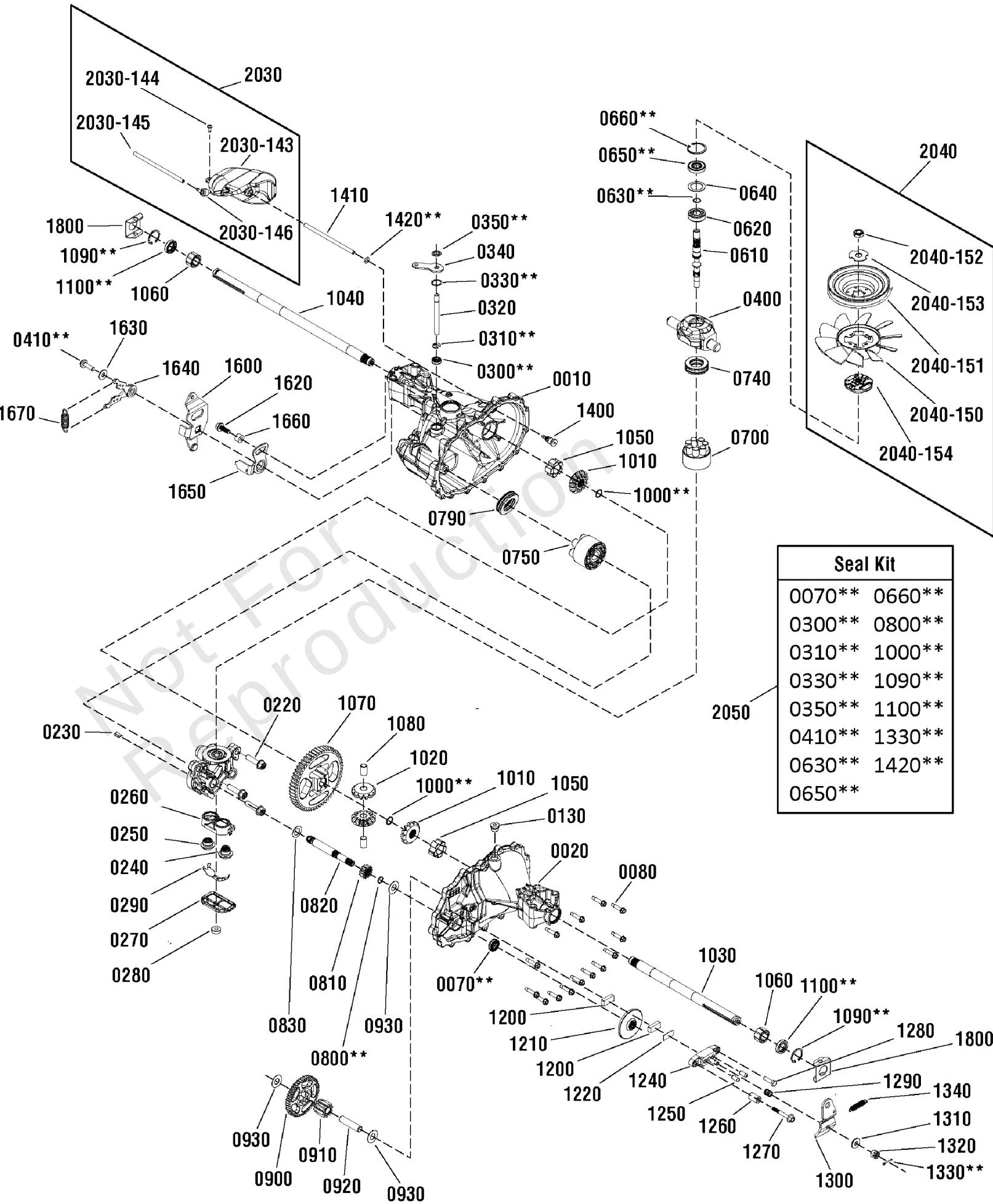
Footnotes:

Note:* See your local authorized dealership for parts and warranty.

Transmission SERVICE PARTS - Hydro-Gear T2-CCHE-4X3B-1LX1 (1736637)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691396-00



Transmission SERVICE PARTS - Hydro-Gear T2-CCHE-4X3B-1LX1 (1736637)

REF NO	PART NO	QTY	DESCRIPTION
0010	-----	1	* MAIN HOUSING
0020	-----	1	* SIDE HOUSING
0070	-----	1	** SEAL, Lip, 1/2 x 1 x 1/4 -(Included in Item 2050)
0080	-----	14	* SCREW, Hex Washer, 1/4-20 x 1-1/8
0130	-----	1	* PLUG, 9/16-18
0210	-----	1	* BEARING, Journal
0220	-----	3	* BOLT, Hex Flange, 3/8-16
0230	-----	1	* PLATE, Bypass
0240	-----	1	* CHECK PLUG & WASHER ASSEMBLY, .027
0250	-----	1	* CHECK PLUG & WASHER ASSEMBLY
0260	-----	1	* BASE, Filter
0270	-----	1	* COVER, Filter
0280	-----	1	* RING, Magnet
0290	-----	1	* DEFLECTOR
0300	-----	1	** SEAL, Lip, 3/8 x 3/4 x 1/4 -(Included in Item 2050)
0310	-----	1	** RING, Retainer, 3/8 -(Included in Item 2050)
0320	-----	1	* ROD, Actuator Bypass
0330	-----	1	** RING, Retainer, 3/4 -(Included in Item 2050)
0340	-----	1	* ARM, Bypass
0350	-----	1	** RING, Retainer, 3/8 -(Included in Item 2050)
0400	-----	1	* TRUNNION, Swash Plate
0410	-----	1	** SCREW, 5/16-18 x 1 -(Included in Item 2050)
0610	1752308YP	1	SHAFT, Input
0620	1715142SM	1	BALL BEARING, 15 x 35 x 11
0630	1715141SM	1	** RING, Retaining Wire, .512 ID -(Included in Item 2050)
0640	1706172SM	1	* WASHER, Spacer, 1-15/64 x 9/16
0650	1706173SM	1	** SEAL, Lip, 15 x 35 x 7 -(Included in Item 2050)
0660	-----	1	** RING, Retainer, 1-9/16, INT -(Included in Item 2050)
0700	-----	1	* KIT, Block, 7 Piston, 8cc
0740	-----	1	* BEARING, Thrust Ball, 27 x 47 x 14
0750	-----	1	* PISTON BLOCK ASSEMBLY
0790	1715144SM	1	BEARING, Thrust Ball, 30 x 52 x 13
0800	-----	1	** RING, Retainer, 1/2, EXT -(Included in Item 2050)
0810	-----	1	* GEAR, 13T Pinion
0820	-----	1	* SHAFT, Motor
0830	-----	1	* WASHER, .60 x 1
0900	-----	1	* GEAR, 10T / 48T
0910	-----	1	* GEAR, Jackshaft, 10T
0920	-----	1	* JACKSHAFT, Pin
0930	1715169SM	3	WASHER, 7/16 x 1 x 1/2

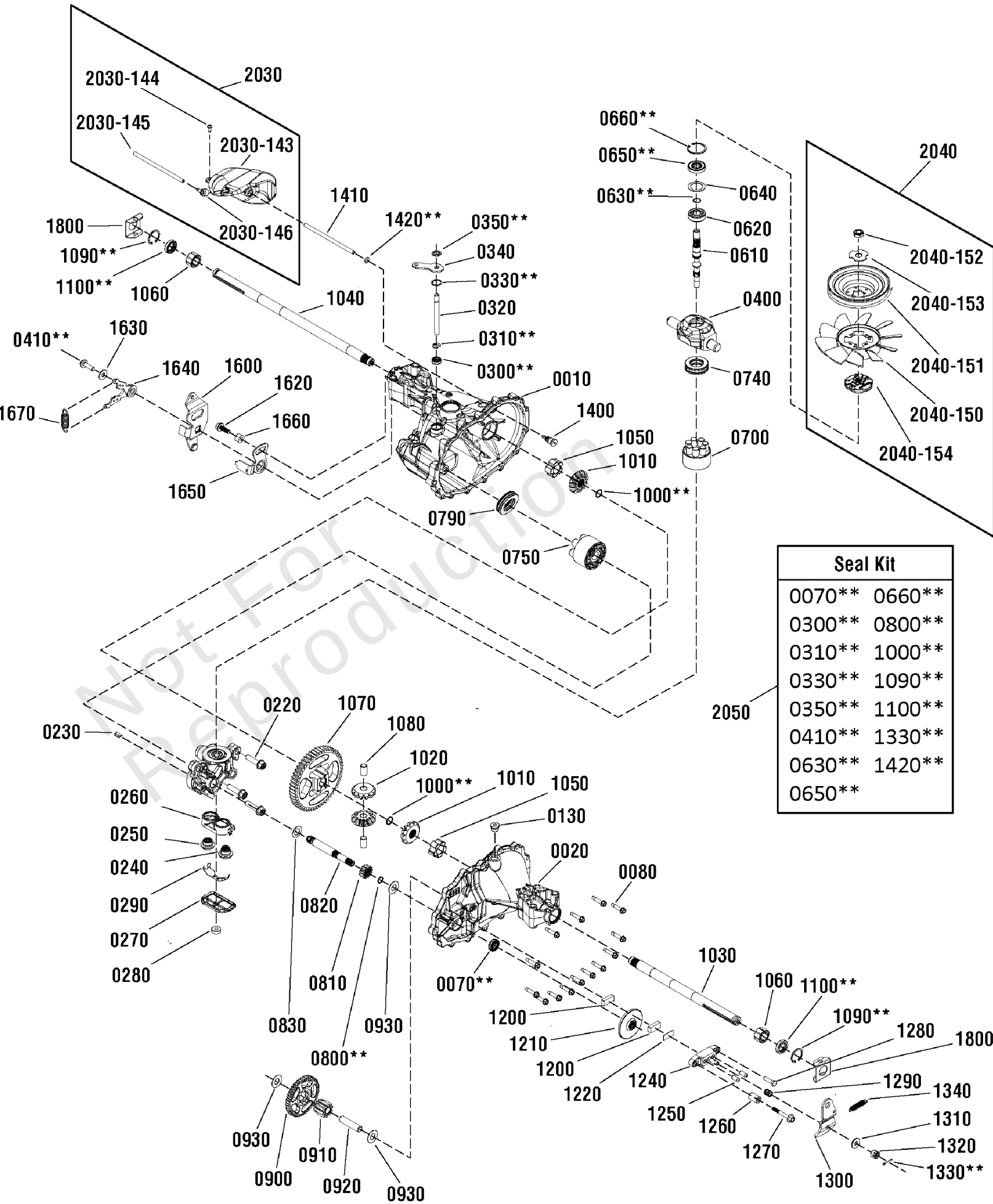
Footnotes:

Note* See your local authorized dealership for parts and warranty or contact Hydro Gear at www.hydro-gear.com/Support/NorthAmerica.aspx (U.S. 1-877-728-7410 Int'l 32 (0) 12 670 631)
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Transmission SERVICE PARTS - Hydro-Gear T2-CCHE-4X3B-1LX1 (1736637)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691396-00



Transmission SERVICE PARTS - Hydro-Gear T2-CCHE-4X3B-1LX1 (1736637)

REF NO	PART NO	QTY	DESCRIPTION
1000	-----	2	** RING, Retainer, Spiral, 5/8, EXT -(Included in Item 2050)
1010	-----	2	* GEAR, Bevel, 12T, Spline OD
1020	-----	2	* GEAR, Bevel, 12T, 1/2 OD
1030	-----	1	* SHAFT, Axle, Keyed, 12-9/64 x 3/4
1040	-----	1	* SHAFT, Axle, Keyed, 17-3/4 x 3/4
1050	-----	2	* BUSHING, Inboard
1060	-----	2	* BUSHING, Outboard
1070	-----	1	* GEAR, 54T, Bull
1080	-----	2	* PIN, Differential
1090	-----	2	** RING, Retainer, INT, Axle -(Included in Item 2050)
1100	-----	3	** SEAL, Lip, 3/4 x 1-1/8 x 1/4 -(Included in Item 2050)
1200	1706146SM	2	PUCK, Brake
1210	-----	1	* ROTOR, Brake
1220	1706145SM	1	PLATE, Brake Puck
1240	-----	1	* YOKE, Brake
1250	1706141SM	2	PIN, Brake, 5/16 x 3/4
1260	1715199SM	1	SPACER, Brake Torsion Spring, 1/4 x 9/16
1270	-----	1	* SCREW, Patch, 1/4-20 x 2
1280	1706147SM	1	SCREW, Patch, 1/4-20 x 1
1290	-----	1	* SPRING, Compression, Brake, Anti-Drag
1300	-----	1	* ARM, Brake
1310	-----	1	* WASHER, 11/32 x 7/8
1320	1714431SM	1	NUT, Castle, 5/16-24
1330	-----	1	** PIN, Cotter, 3/32 x 3/4 -(Included in Item 2050)
1340	-----	1	* SPRING, Brake Arm
1400	-----	1	* FITTING, Hydraulic, O-Ring Adapter, 5/16
1410	-----	1	* HOSE
1420	-----	1	** O-Ring, .103 x .299 ID -(Included in Item 2050)
1600	-----	1	* ARM, Control
1620	-----	1	* BOLT, Hex Flange Head
1630	-----	1	* WASHER, 11/32 x 7/8 (Duplicate of #131)
1640	-----	1	* ROTATION ASSEMBLY
1650	-----	1	* NEUTRAL ARM ASSEMBLY
1660	-----	1	* BUSHING
1670	-----	1	* SPRING, Extension
1800	1752309YP	2	CLIP, Spring, Housing Thrust
2030	1752310YP	1	E-TANK KIT -(Includes ref # 2030-143, 2030-144, 2030-145 & 2030-146)
2030-143	-----	1	TANK EXPANSION
2030-144	-----	1	BOLT, 10-32 x 1/2
2030-145	-----	1	TUBE
2030-146	-----	1	CAP, Barbed Vent

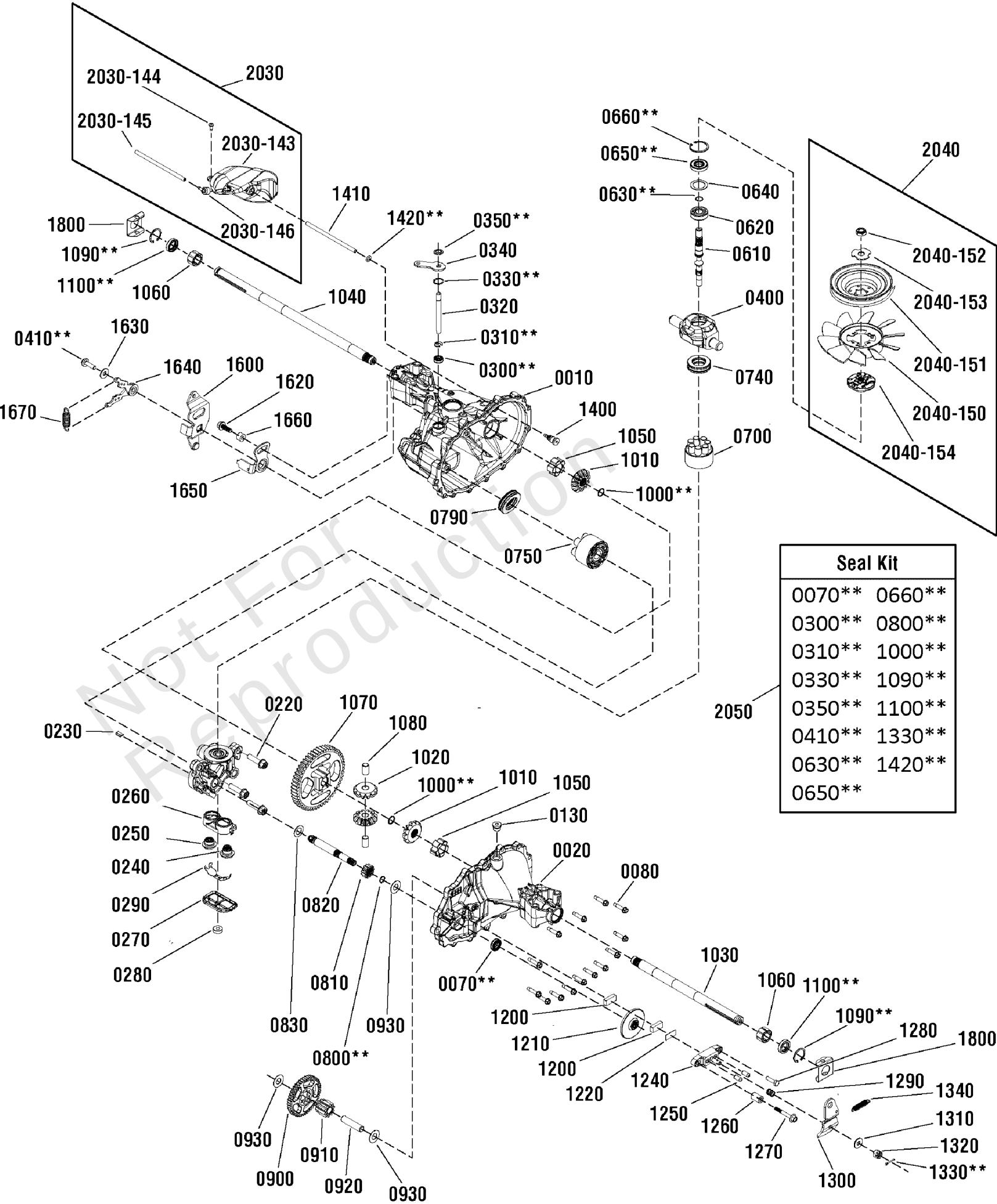
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Transmission SERVICE PARTS - Hydro-Gear T2-CCHE-4X3B-1LX1 (1736637)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691396-00



Transmission SERVICE PARTS - Hydro-Gear T2-CCHE-4X3B-1LX1 (1736637)

REF NO	PART NO	QTY	DESCRIPTION
2040	1752311YP	1	FAN & PULLEY KIT -(Includes ref # 2040-150, 2040-151, 2040-152, 2040-153 & 2040-154)
2040-150	-----	1	* FAN, 7", 10 Blade
2040-151	-----	1	* PULLEY, 4.4"
2040-152	-----	1	* NUT, Nylock, 1/2-20
2040-153	-----	1	* WASHER, OD Slotted
2040-154	-----	1	* HUB, Pulley, 1-9/16
2050	1752312YP	1	SEAL KIT -(Includes items marked with **)

Not For
Reproduction

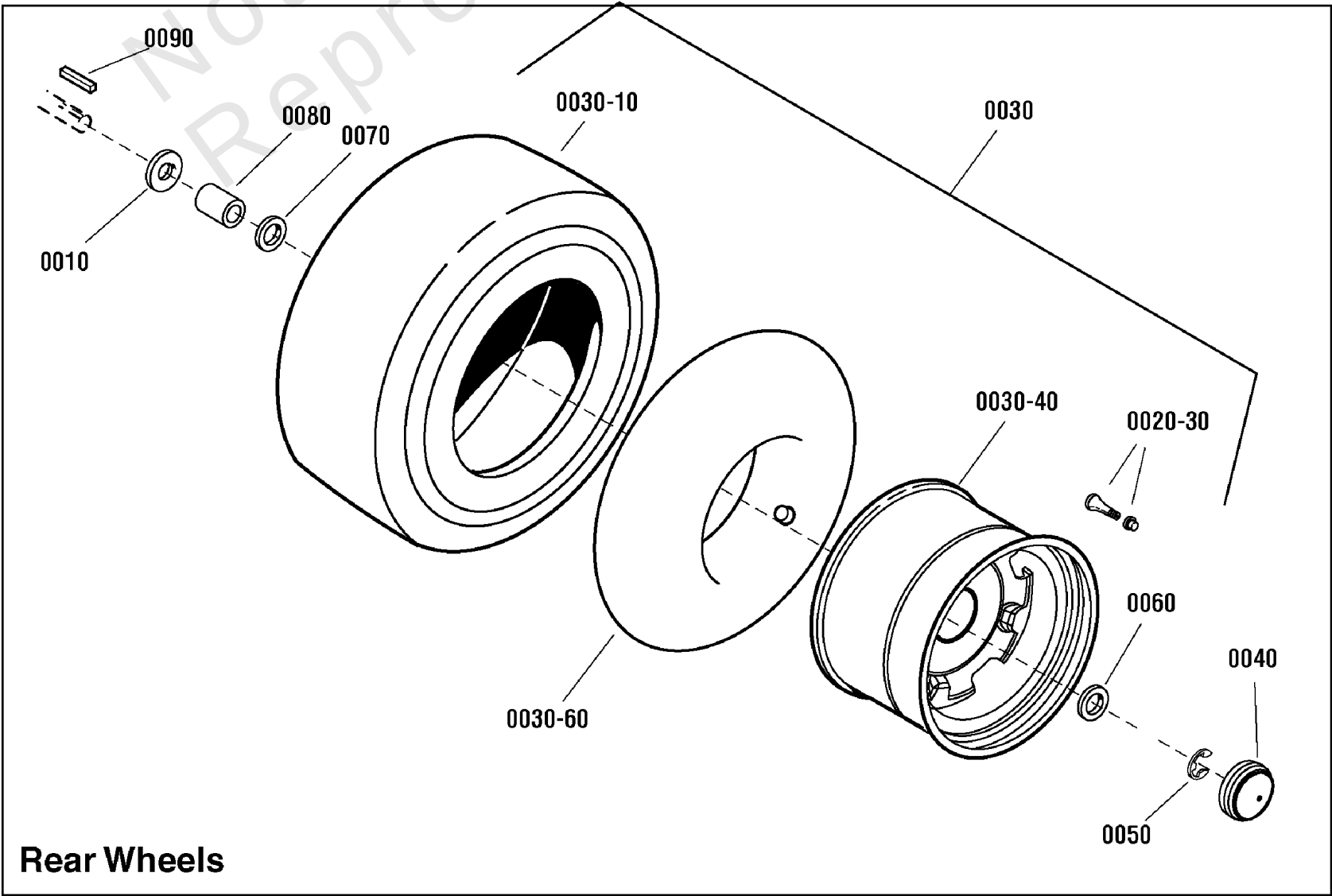
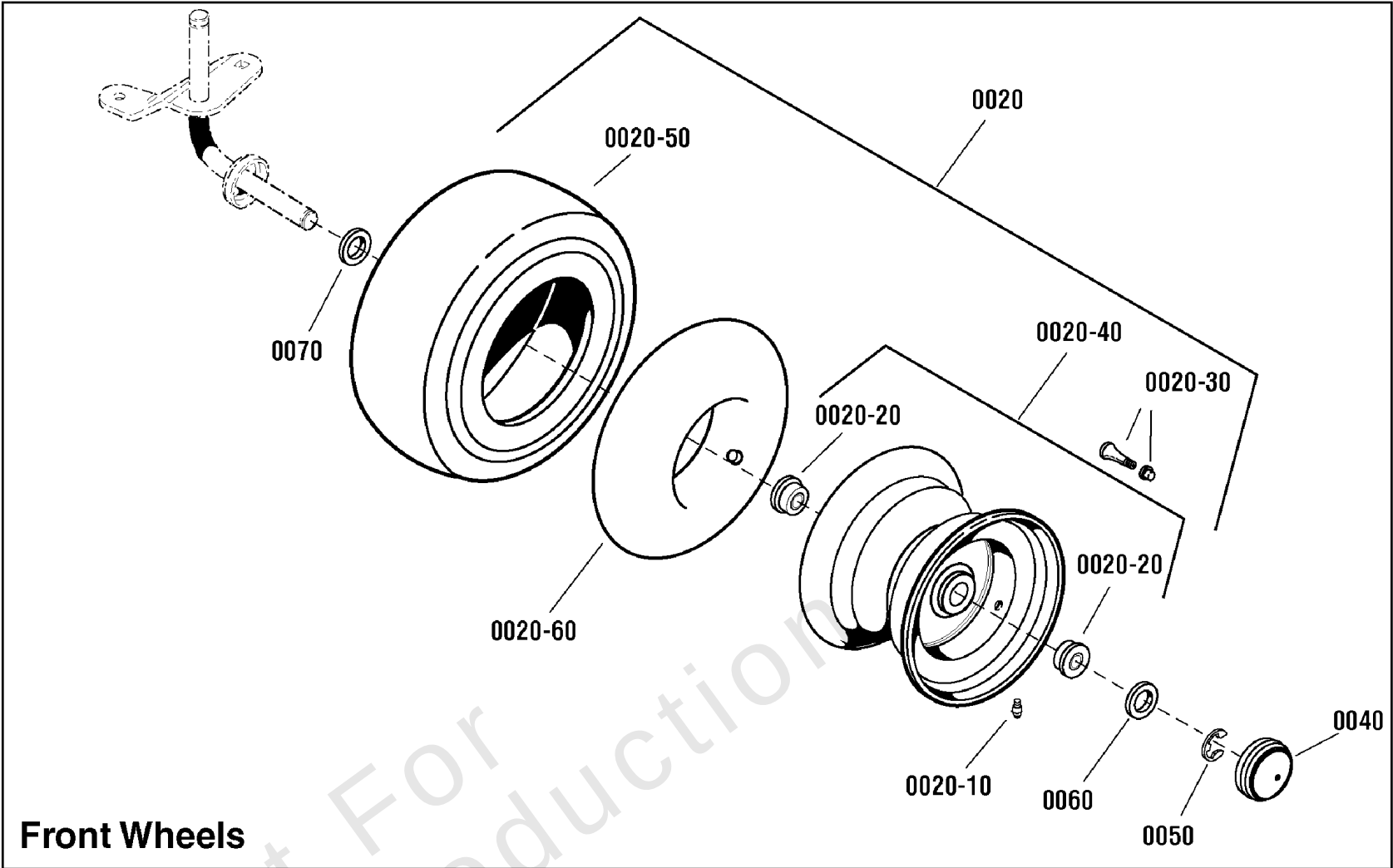
Footnotes:

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Wheels & Tires Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691396-00



Wheels & Tires Group

REF NO	PART NO	QTY	DESCRIPTION
0010	2860202SM	2	WASHER, 3/4 x 1-5/8 OD x 1/8 Thick
0020	1729708SM	2	WHEEL & TIRE ASSEMBLY, Front
0020-10	2812808SM	1	FITTING, Lube, 1/4
0020-20	1742259YP	2	BEARING 3/4" ID Hard
0020-30	2172353YP	4	VALVE STEM & CAP, Air .453 Dia 0.88 Long
0020-40	1726301SM	1	WHEEL & BUSHINGS ASSEMBLY, Front
0020-50	1731951SM	1	TIRE, 15 x 6 - 6, Turf Rider
0020-60	1664090SM	2	TUBE
0030	7101560YP	2	ASSY, WHEEL & TIRE -(42" Models Only)
0030-10	7101559YP	2	TIRE, 20 x 8-8, K358 -(42" Models Only)
0030-40	-----	2	* RIM -(All Models)
0030-60	2164247SM	2	TUBE -(42" & 46" Models Only)
0040	094618MA	4	HUB CAP
0050	0011X3MA	4	RING, E .750D .050T
0060	17X195MA	4	WASHER, Flat
0070	17X160MA	4	WASHER, Flat, 3/4 x 1-1/4 x 16
0080	1730181SM	2	SPACER, 3/4 ID x 1-1/4 OD x 1.65
0090	021553MA	2	KEY, Square, 3/16

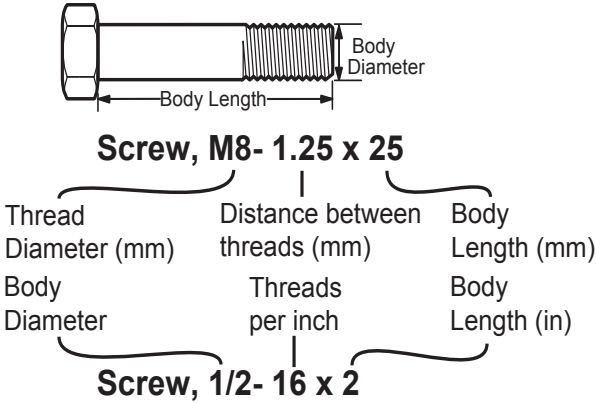
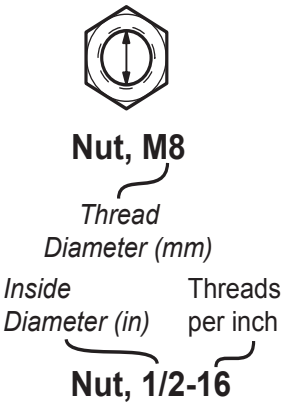
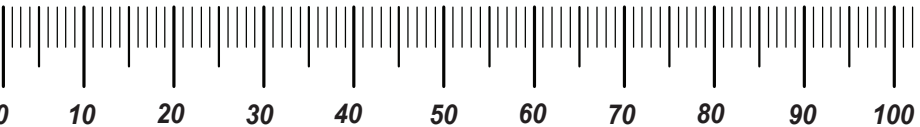
Footnotes:

Note:* Not a serviceable part, service wheel complete

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).

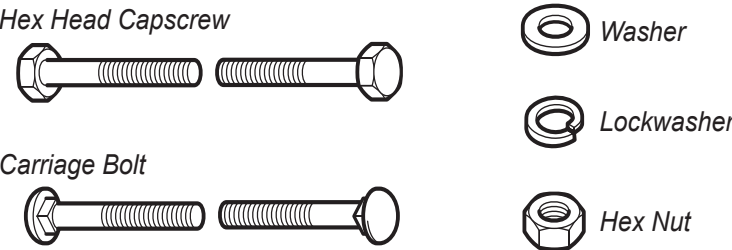
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

