Parts Manual

Mfg. No: 040756-00

18,000 Watt Standby Generator (Briggs & Stratton)

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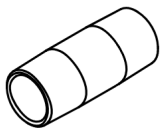
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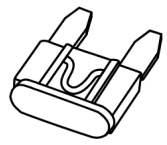
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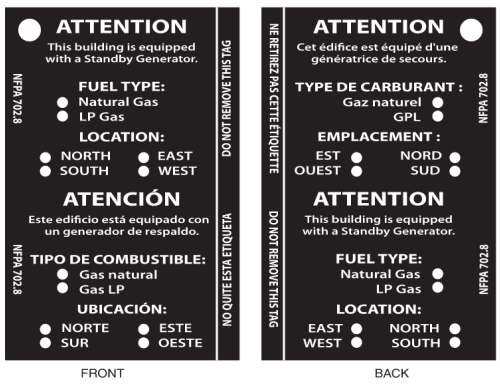
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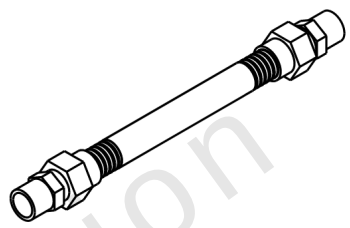
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0050



0070



0080

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Accessory Group

REF NO	PART NO	QTY	DESCRIPTION
0030	206976GS	1	FITTING
0040	198573GS	2	FUSE, Auto Type, 15 Amp
0050	198460GS	4	PLUG, Dome
0070	706988	1	HANG TAG-ATTN. STANDBY EQUIPMENT
0080	84011112	1	HOSE-FLEX NG/LPG

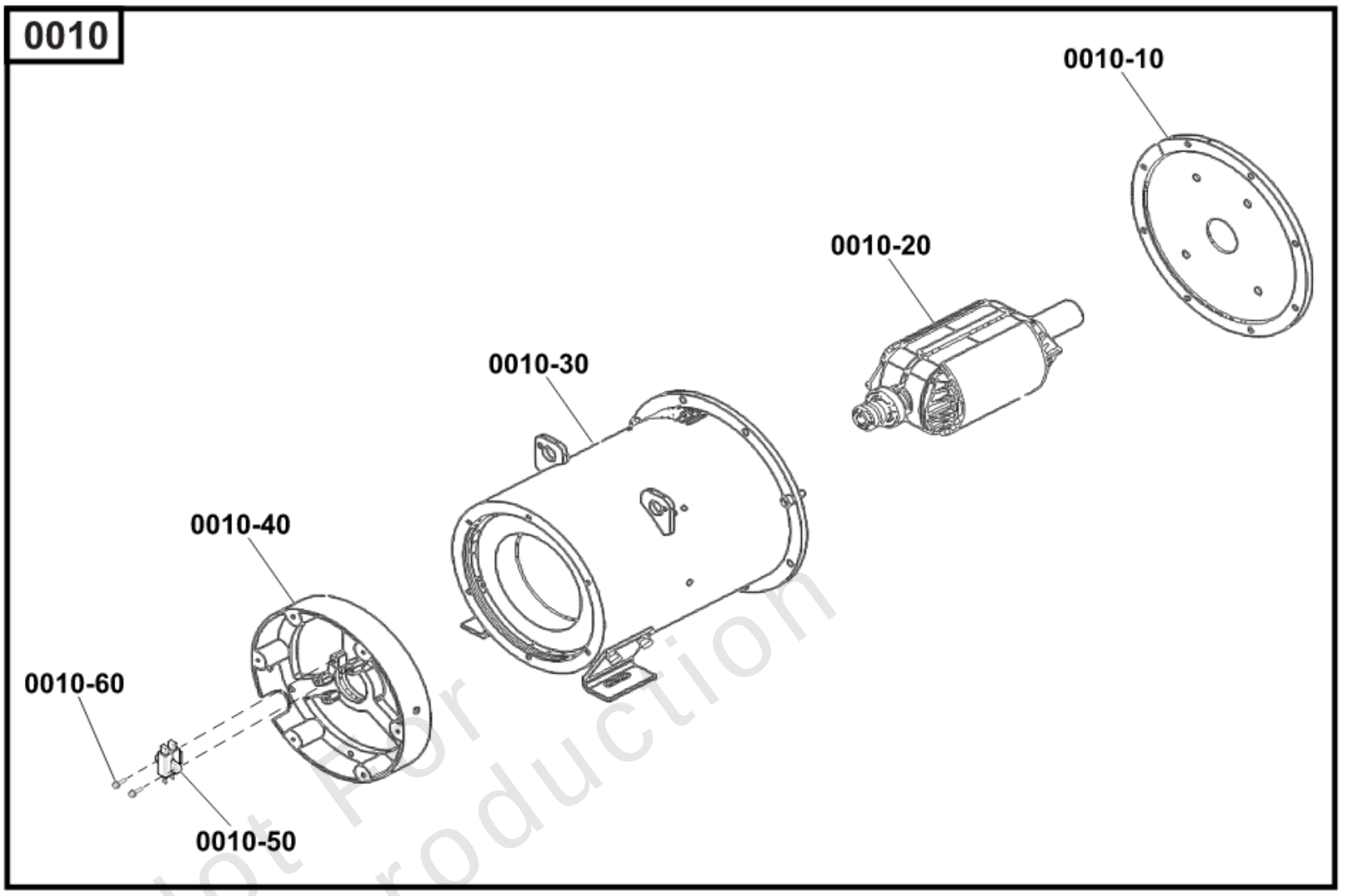
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Alternator Group

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Alternator Group

REF NO	PART NO	QTY	DESCRIPTION
0010	84010874	1	ALTERNATOR -(Includes Ref. Nos. 0010-10, 0010-20, 0010-30, 0010-40, 0010-50, 0010-60)
0010-10	84007278	1	ADAPTER
0010-20	84010877	1	ROTOR ASSEMBLY
0010-30	84010876	1	STATOR
0010-40	84007279	1	HOUSING, Bearing
0010-50	66386GS	1	ASSY, Holder, Brush
0010-60	66849GS	2	TAPTITE, M5 - 0.8 x 16

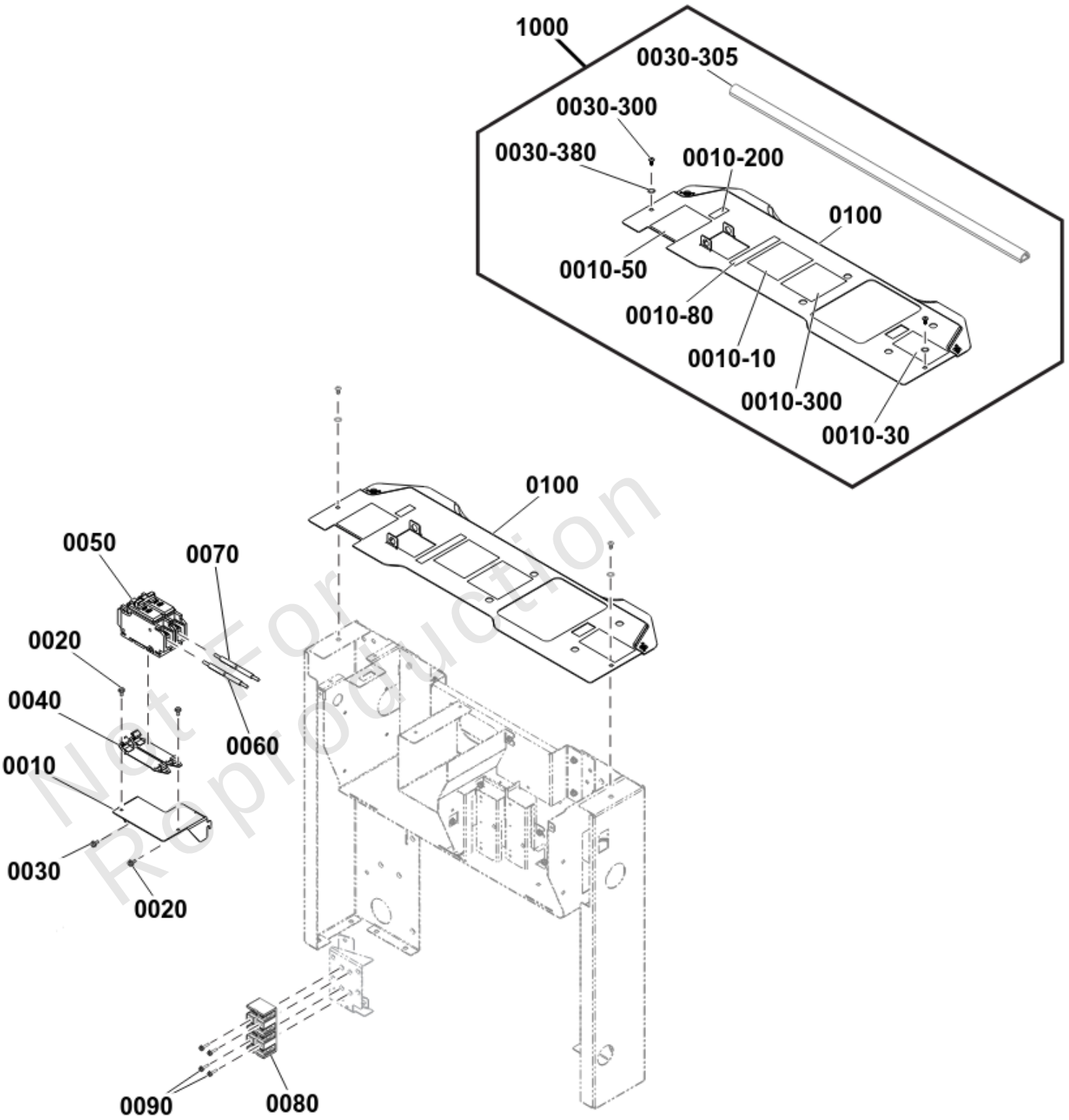
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Circuit Breaker Group

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Circuit Breaker Group

REF NO	PART NO	QTY	DESCRIPTION
0010	-----	1	BRACKET
0020	194561GS	3	HHS, Trilobular, #10-32 x 3/8
0030	-----	1	SCREW, 10-16 X 3/8
0040	192770GS	2	BRACKET, Mounting / Breaker
0050	316187GS	1	BREAKER, Circuit, 80A
0060	-----	1	WIRE, Power
0070	-----	1	WIRE, Power
0080	84006390	1	BLOCK, Terminal
0090	-----	4	SCREW, 8-32 X 1
0100	-----	1	COVER, Control Panel
1000	84007050	1	KIT, Cover, Control Panel -(Includes Ref. Nos. 0010-10, 0010-30, 0010-50, 0010-80, 0010-200, 0010-300, 0030-300, 0030-305, 0030-380, 0100)
0010-10	-----	1	DECAL-WARNING, SHOCK -(Part information located in Decals Group.)
0010-30	-----	1	DECAL-WARNING, FUSE -(Part information located in Decals Group.)
0010-50	-----	1	DECAL, Warning, Manual -(Part information located in Decals Group.)
0010-80	-----	1	DECAL-DISCONNECT -(Part information located in Decals Group.)
0010-200	-----	1	DECAL, FCC, ICES-3 -(Part information located in Decals Group.)
0010-300	-----	1	DECAL, Warning -(Part information located in Decals Group.)
0030-300	84006392	2	SCREW, #10-32 X 3/8 -(Part information located in Control Panel Group.)
0030-305	-----	1	SEAL, Bulb -(Part information located in Control Panel Group.)
0030-380	-----	2	WASHER, Ext. M6 - 1/4" Shakeproof -(Part information located in Control Panel Group.)
0100	-----	1	COVER, Control Panel

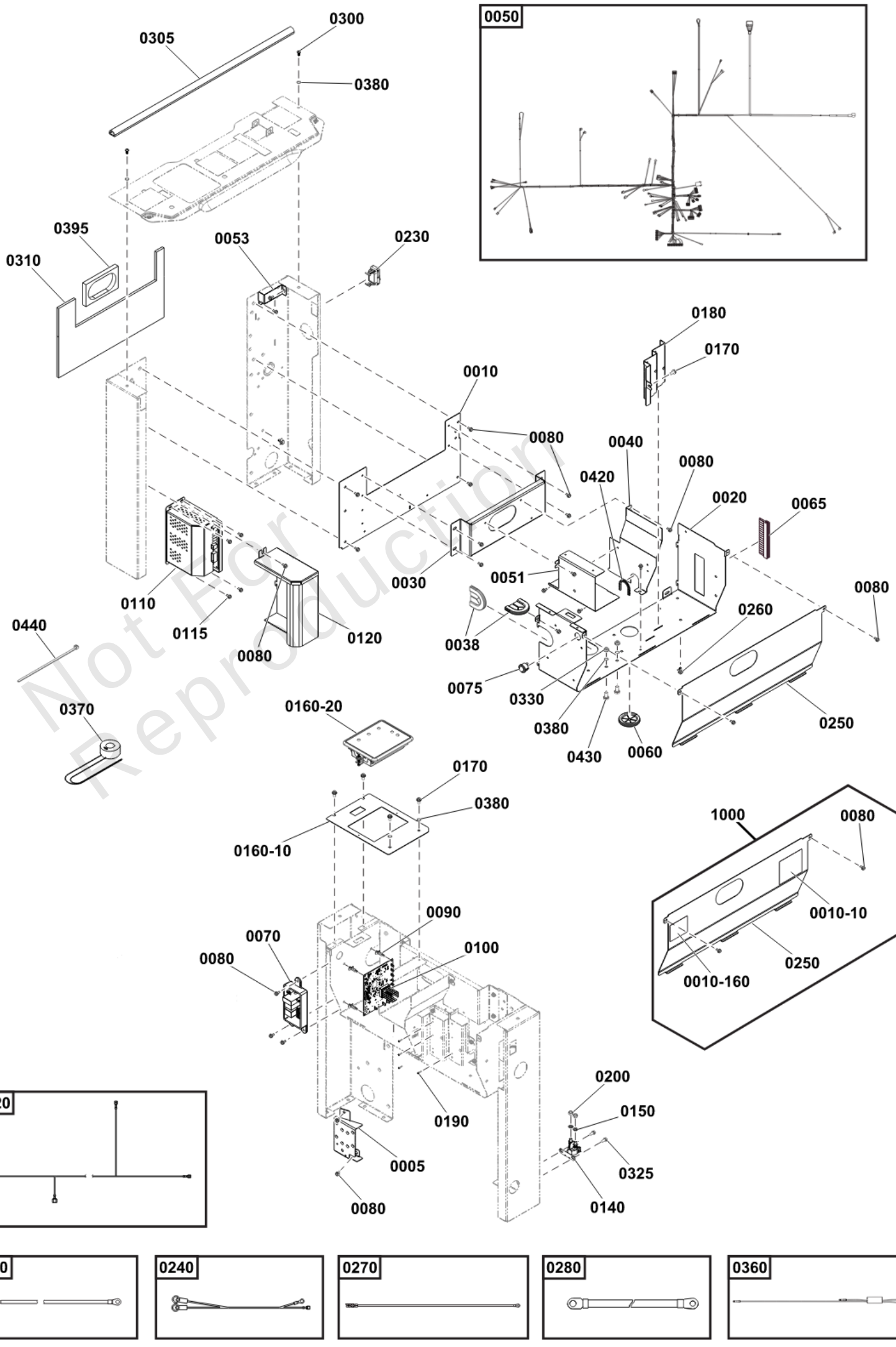
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Control Panel Group

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Control Panel Group

REF NO	PART NO	QTY	DESCRIPTION
0005	-----	1	BRACKET, Terminal Block
0010	-----	1	PANEL
0020	-----	1	BASE
0030	-----	1	PANEL
0038	-----	2	GROMMET
0040	-----	1	DIVIDER
0050	84007027	1	HARNESS, Wiring
0051	-----	1	BRACKET
0053	-----	1	BRACKET
0060	-----	2	GROMMET
0065	-----	2	GROMMET
0070	772336	1	ASSEMBLY, Relay
0075	315551GS	1	SWITCH, Rocker
0080	194561GS	18	HHS, Trilobular, #10-32 x 3/8
0090	772379	4	SUPPORT, Circuit Board
0100	84010843	1	ASSEMBLY, AVR
0110	772376	1	CHARGER, Battery
0115	-----	4	SCREW, #10-32 X 1/2
0120	-----	1	COVER
0130	-----	1	WIRE, Power
0140	772333	1	SOLENOID, Starter
0150	22129GP	2	WASHER, 5/16 - M8, Lock
0160-10	-----	1	COVER, Control Panel
0160-20	84007051	1	CONTROLLER
0170	-----	12	SCREW, 10-16 X 3/8
0180	-----	1	BRACKET
0190	314691GS	5	SCREW, Taptite, M2.5-.45 X 12
0200	703331	2	NUT, 5/16-24
0220	84010875	1	HARNESS
0230	772341	1	SWITCH, Rocker
0240	84007026	1	HARNESS, Intermediate, Relay
0260	195733GS	4	MOUNT, Tie Wrap
0270	84008694	1	HARNESS, Battery
0280	706527	1	WIRE, Ground
0300	84006392	2	SCREW, #10-32 X 3/8
0305	-----	1	SEAL, Bulb
0310	-----	1	INSULATION
0325	704130	3	SCREW, HEX, 1/4-20X.5
0330	5025391SM	2	NUT, Hex Nylock, Flange, 1/4-20
0360	84004583	1	HARNESS
0370	772339	2	TRANSFORMER, Current, 150:5
0380	26850GS	7	WASHER, Ext. M6 - 1/4" Shakeproof
0395	-----	1	SEAL
0420	-----	1	GROMMET
0430	703818	2	CAPSCREW, 1/4-20X0.5
0440	29333AGS	3	TIEWRAP, 7 LG BLK
1000	84011527	1	KIT, Panel, Control Box -(Includes Ref. Nos. 0010-10, 0010-160, 0080, 0250)
0010-10	-----	1	DECAL-WARNING, SHOCK -(Part information located in Decals Group.)
0010-160	-----	1	DECAL, Warning -(Part information located in Decals Group.)

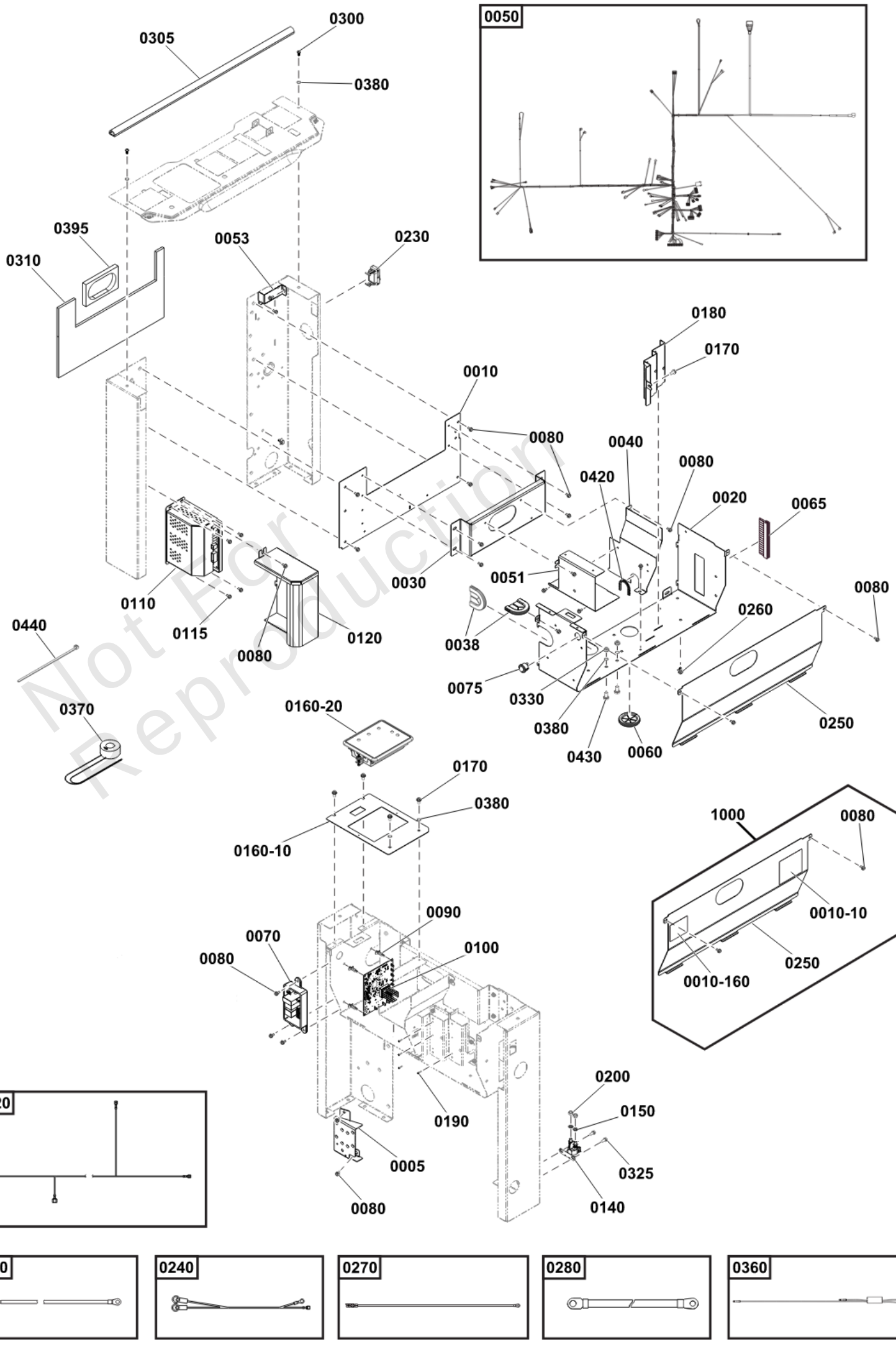
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Control Panel Group

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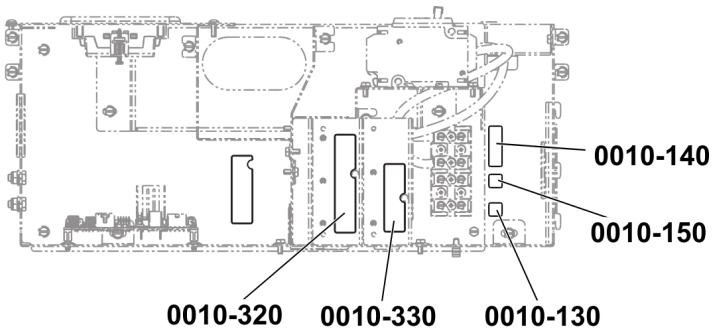
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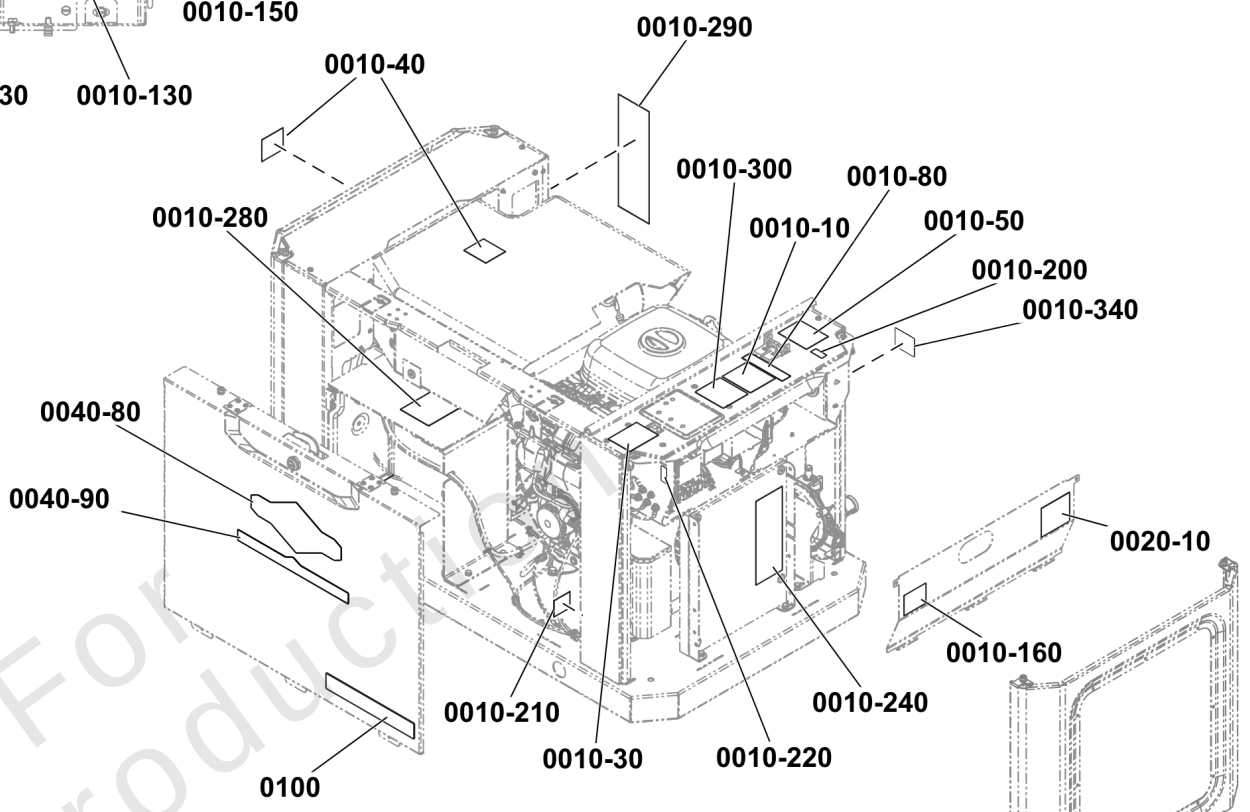
Control Panel Group

REF NO	PART NO	QTY	DESCRIPTION
0080	194561GS	2	HHS, Trilobular, #10-32 x 3/8
0250	-----	1	PANEL, Control Box

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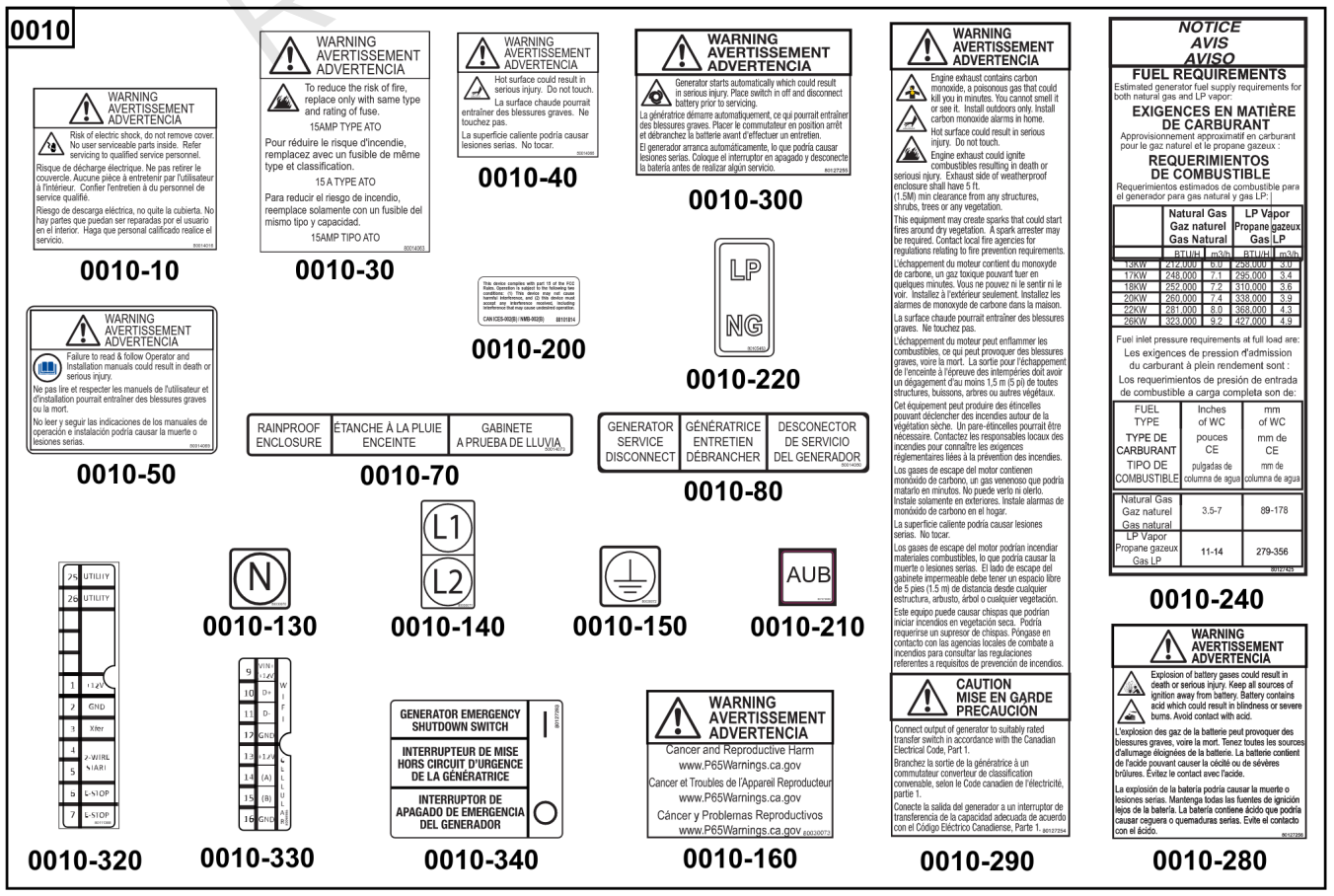
0040-80



0040-90



0100



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Decals Group

REF NO	PART NO	QTY	DESCRIPTION
0010	84010842	1	DECAL, Warning, Sheet -(Includes items 0010-0010 thru 0010-0340)
0010-10	-----	1	DECAL-WARNING, SHOCK
0010-30	-----	1	DECAL-WARNING, FUSE
0010-40	-----	2	DECAL-WARNING, HOT SURFACE
0010-50	-----	1	DECAL, Warning, Manual
0010-70	-----	1	DECAL-RAINPROOF ENCLOSURE
0010-80	-----	1	DECAL-DISCONNECT
0010-130	-----	1	DECAL, Neutral
0010-140	-----	1	DECAL, L1/L2
0010-150	-----	1	DECAL, Ground
0010-160	-----	1	DECAL, Warning -(The installation of this decal is required for units manufactured after 08/30/2018 and sold in the state of California.)
0010-200	-----	1	DECAL, FCC, ICES-3
0010-210	-----	1	DECAL, MOR, AUBURN
0010-220	-----	1	DECAL, Fuel Selection
0010-240	-----	1	DECAL, Notice Fuel Requirements
0010-280	-----	1	DECAL, Warning, Battery
0010-290	-----	1	DECAL, Warning, Exhaust
0010-300	-----	1	DECAL, Warning, Auto Start
0010-320	-----	1	DECAL, Terminal Strip
0010-330	-----	1	DECAL, Terminal Strip
0010-340	-----	1	DECAL, Emergency Shutdown
0020	84007020	1	DECAL SHEET - WARNINGS -(Includes items 0540-10, 0540-20)
0020-10	-----	1	DECAL-WARNING, SHOCK
0020-20	-----	3	DECAL-WARNING, HOT SURFACE
0040-80	-----	1	DECAL
0040-90	-----	1	DECAL
0100	-----	1	DECAL, Brand, PP18

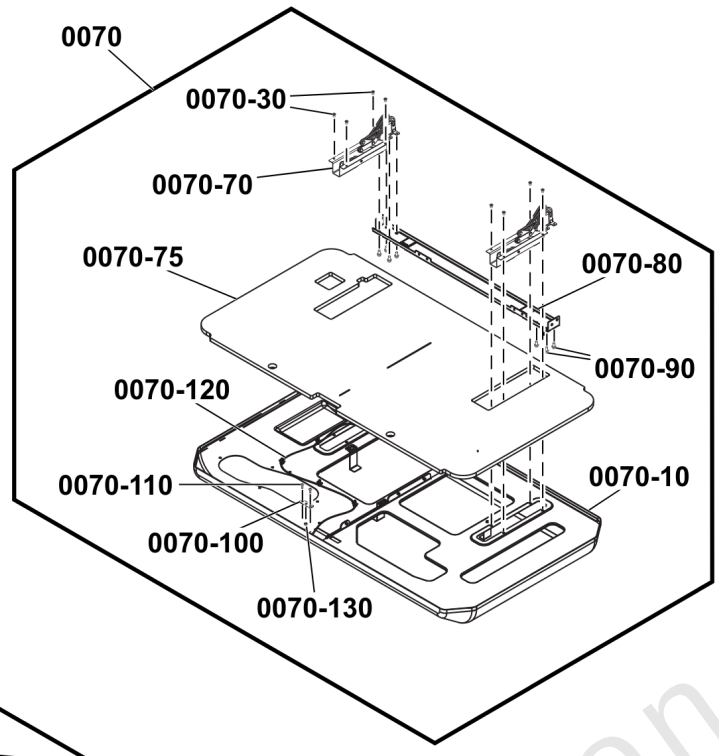
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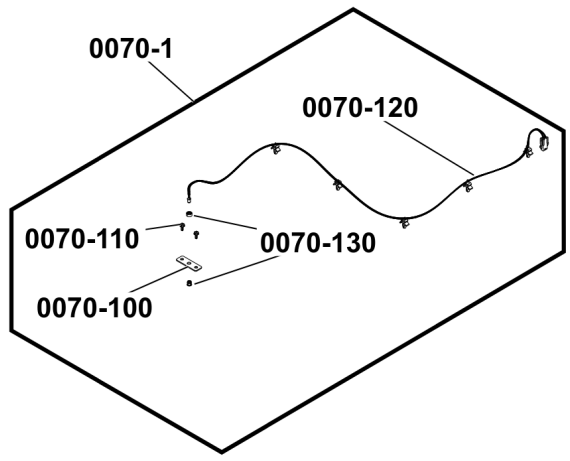
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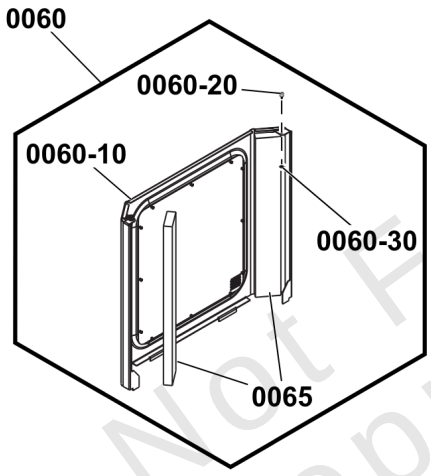
Enclosure Group

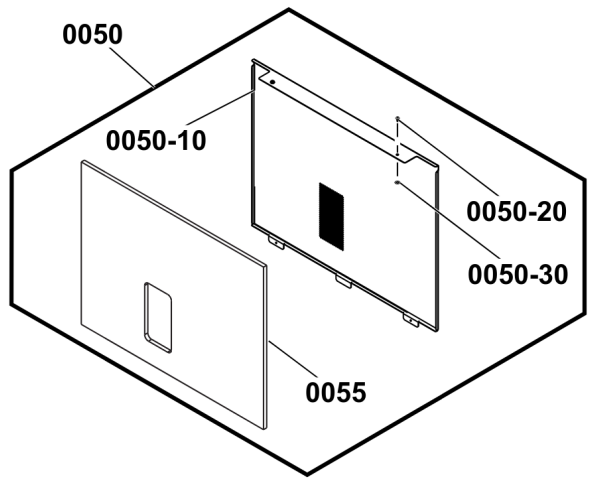
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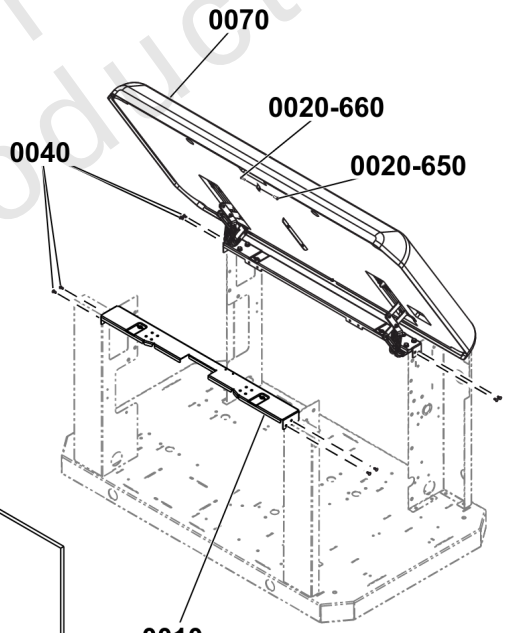
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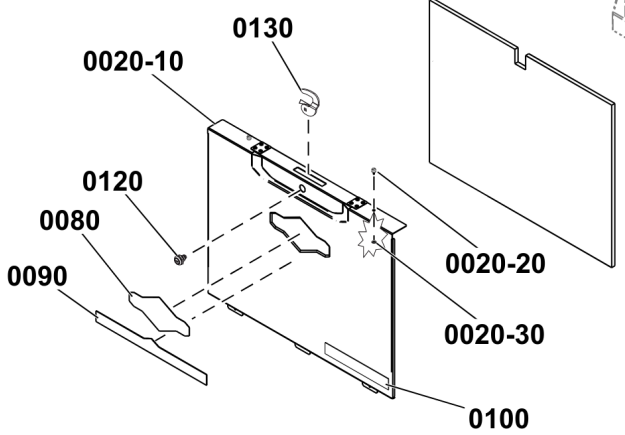


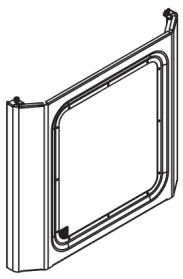


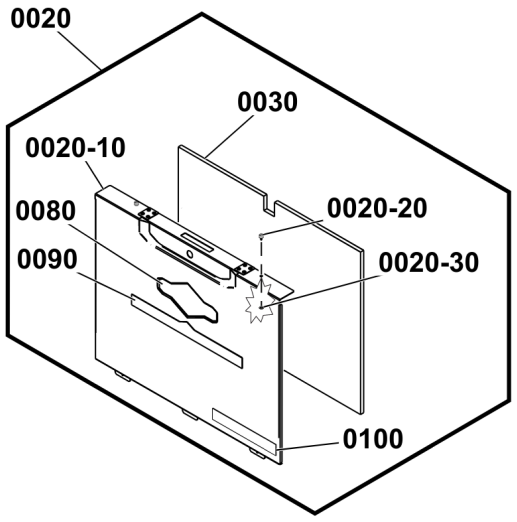












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Enclosure Group

REF NO	PART NO	QTY	DESCRIPTION
0010	84006384	1	RAIL, Front
0020	6855	1	ASSEMBLY, Panel, Front -(Incl. Ref. Nos. 0020-10, 0020-20, 0020-30, 0030, 0080, 0090, 0100)
0020-10	-----	1	PANEL, Front
0020-20	-----	2	SCREW, Captive
0020-30	-----	2	RETAINER
0030	-----	1	INSULATION
0080	-----	1	DECAL
0090	-----	1	DECAL
0100	-----	1	DECAL, Brand, PP18
0020-650	84007139	1	BARREL, Binding
0020-660	36901GS	1	PPHMS, 6-32 X 3/8
0040	84006392	8	SCREW, #10-32 X 3/8
0050	6858	1	ASSEMBLY, Panel, Back -(Incl. Ref. Nos. 0050, 0050-20, 0050-30, 0055)
0050-10	-----	1	PANEL, Back
0050-20	-----	2	SCREW, Captive
0050-30	-----	2	RETAINER
0055	-----	1	INSULATION
0060	6859	2	ASSEMBLY, Panel, End -(Incl. Ref. Nos. 0060-10, 0060-20, 0060-30, 0065)
0060-10	-----	1	PANEL, End
0060-20	-----	2	SCREW, Captive
0060-30	-----	2	RETAINER
0065	-----	2	INSULATION
0070	6860	1	ASSEMBLY, Roof -(Incl. Ref. Nos. 0070-10, 0070-30, 0070-70, 0070-75, 0070-80, 0070-90, 0070-100, 0070-110, 0070-120, 0070-130)
0070-10	-----	1	PANEL, Roof
0070-30	-----	8	RIVET, Blind, 1/8 X 5/16
0070-70	-----	2	HINGE, Roof
0070-75	-----	1	INSULATION
0070-80	-----	1	SUPPORT, Rail
0070-90	704130	8	SCREW, HEX, 1/4-20X.5
0070-100	-----	1	PLATE, Mount
0070-110	205947GS	2	SCREW, Trilobular, #10-32 x 3/4
0070-120	-----	1	HARNESS, Wire
0070-130	-----	1	CLIP, Mounting
0070-1	84008085	1	KIT, Light -(Incl. Ref. Nos. 0070-100, 0070-110, 0070-120, 0070-130)
0070-100	-----	1	PLATE, Mount
0070-110	205947GS	2	SCREW, Trilobular, #10-32 x 3/4
0070-120	-----	1	HARNESS, Wire
0070-130	-----	1	CLIP, Mounting
0080	-----	1	DECAL
0090	-----	1	DECAL
0100	-----	1	DECAL, Brand, PP18
0120	314619GS	1	LATCH
0130	84006387	1	LATCH, Arm

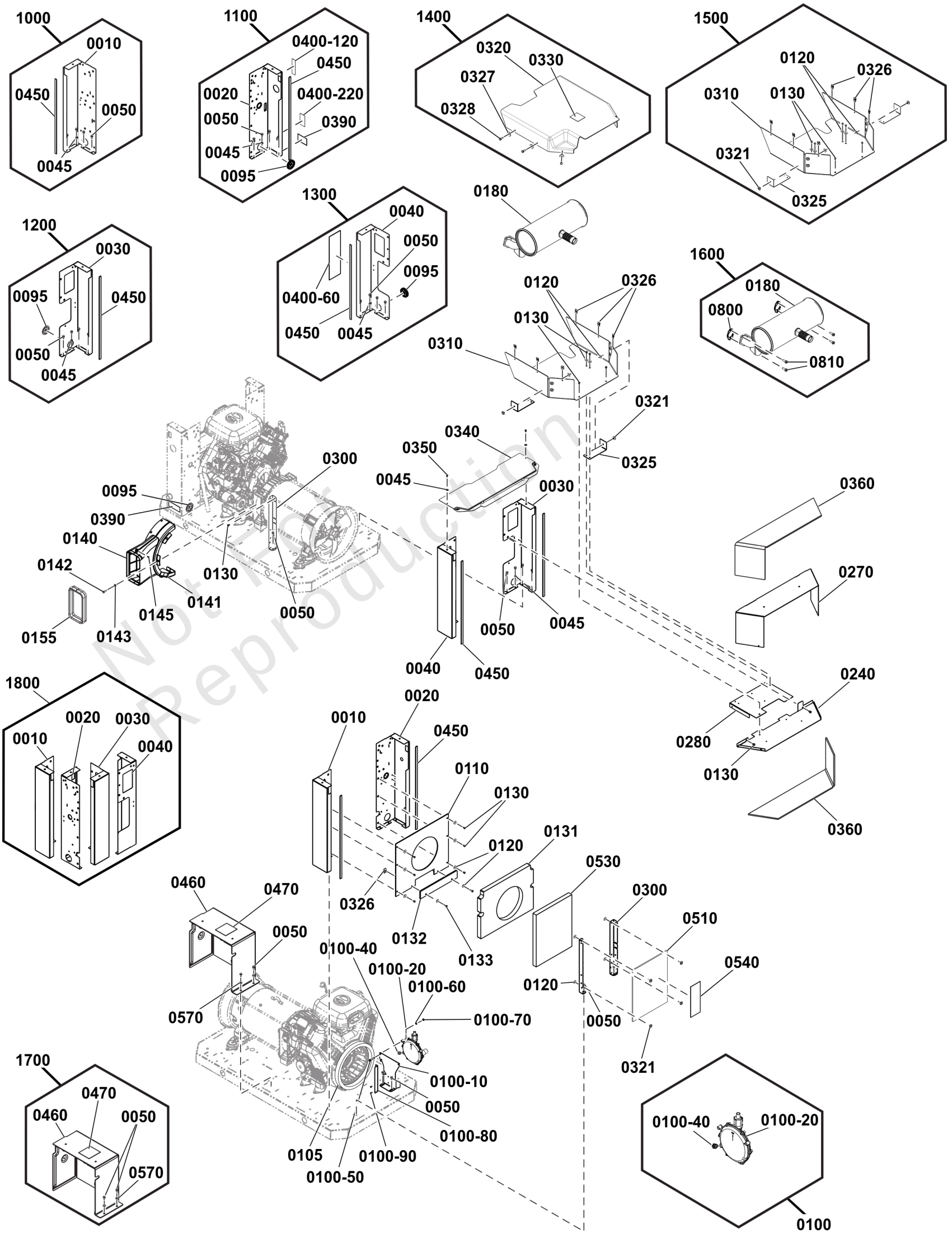
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Fuel, Duct & Support Group

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Fuel, Duct & Support Group

REF NO	PART NO	QTY	DESCRIPTION
0045	26850GS	6	WASHER, Ext. M6 - 1/4" Shakeproof
0050	704130	23	SCREW, HEX, 1/4-20X.5
0100	84006385	1	FUEL REGULATOR ASSEMBLY -(Includes Ref. Nos. 0100-20, 0100-40)
0100-10	706379	1	BRACKET
0100-20	-----	1	FUEL REGULATOR ASSEMBLY -(Includes Fuel Regulator and Solenoid)
0100-40	318002GS	1	FITTING
0100-50	38750GS	2	HHCS, M6 - 1.0 x 30
0100-60	22097GS	2	WASHER
0100-70	49813GS	2	NUT, Hex, M6 - 1.0
0100-80	-----	1	BRACKET
0100-90	194561GS	2	HHS, Trilobular, #10-32 x 3/8
0105	-----	1	SEAL, Ring
0110	84006038	1	PANEL, Intake
0120	-----	25	WASHER, Flat, #10, Fender -(*See footnote)
0130	194561GS	19	HHS, Trilobular, #10-32 x 3/8
0131	-----	1	INSULATION
0132	-----	1	INSULATION
0133	22473GS	2	FLAT WASHER, M6 - 1/4"
0140	-----	1	DUCT, Left
0141	-----	1	DUCT, Right
0142	52618GS	5	SCREW, M5 x 0.8 x 12
0143	23897GS	5	WASHER, Flat, #10 - M5
0145	-----	3	SCREW, #8-18 X 3/8
0155	-----	1	SEAL
0180	84007030	1	KIT, Muffler
0240	-----	1	PANEL, Bottom
0270	-----	1	PANEL, Top
0280	-----	1	SUPPORT
0300	-----	3	SUPPORT
0321	-----	21	RIVET, BLIND, 3/16 X 5/8
0325	-----	2	BRACKET, Muffler
0326	-----	8	NUT, Clip
0327	71693GS	6	WASHER, Fender
0328	5025010X6	8	BOLT, 1/4"-20 X 3/4" GD5 YZ
0340	84006316	1	PANEL
0350	84006392	2	SCREW, #10-32 X 3/8
0360	-----	2	INSULATION
0450	-----	4	SEAL, Foam
0460	-----	1	PANEL, Battery Box
0510	-----	1	INSULATION
0530	-----	1	INSULATION
0540	-----	1	DECAL, Notice Fuel Requirements -(Part information located in Decals Group.)
0570	-----	2	WASHER
1000	84007045	1	KIT, Support, Right Front -(Includes Ref. Nos. 0010, 0045, 0050, 0450)
0010	-----	1	SUPPORT, Right Front

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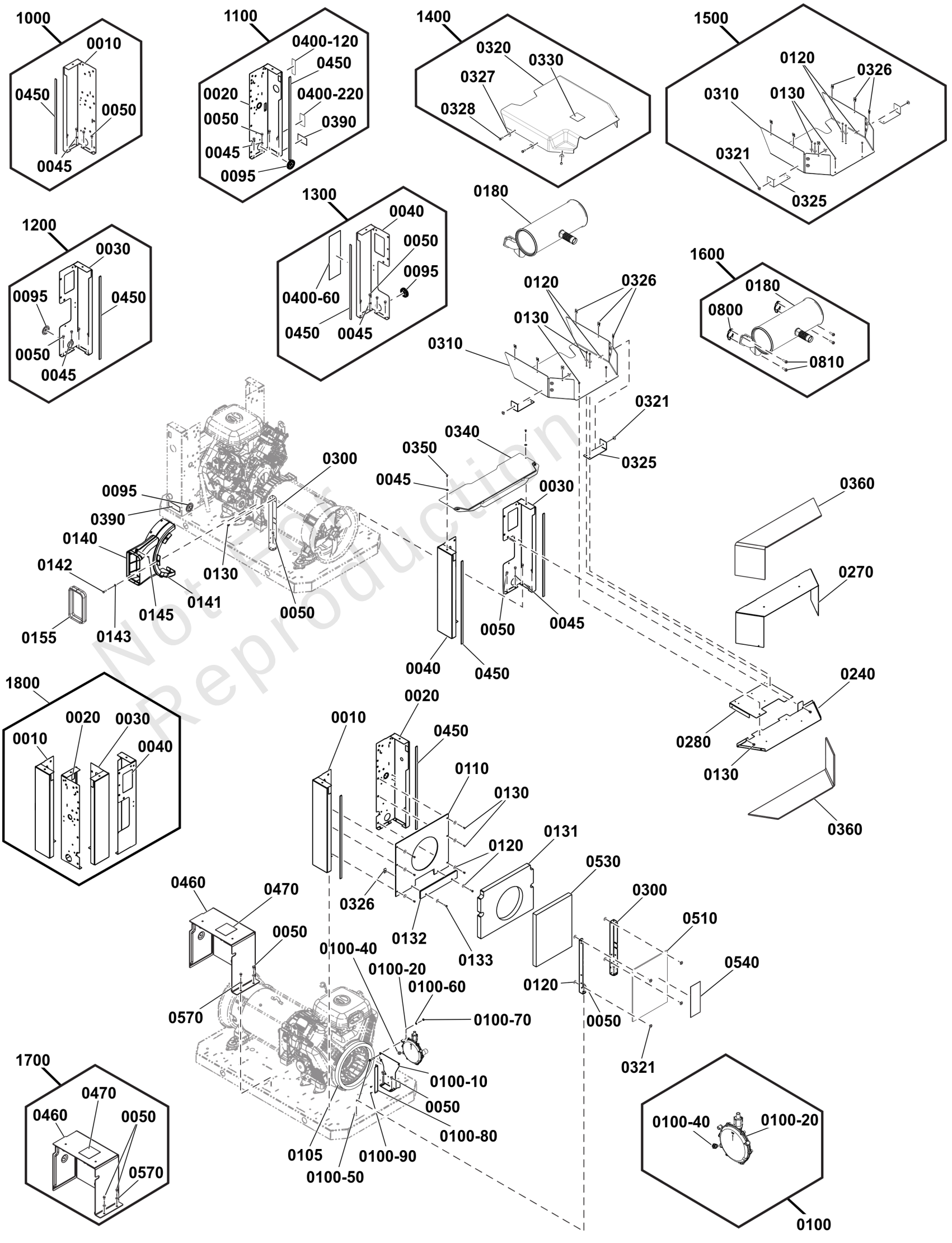
* Items without part numbers are common fasteners. Purchase locally.

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Fuel, Duct & Support Group

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Fuel, Duct & Support Group

REF NO	PART NO	QTY	DESCRIPTION
0045	26850GS	1	WASHER, Ext. M6 - 1/4" Shakeproof
0050	704130	4	SCREW, HEX, 1/4-20X.5
0450	-----	1	SEAL, Foam
1100	84007046	1	KIT, Support, Right Back -(Includes Ref. Nos. 0020, 0045, 0050, 0390, 0400-120, 0400-220, 0450)
0010	-----	1	SUPPORT, Right Back
0045	26850GS	1	WASHER, Ext. M6 - 1/4" Shakeproof
0050	704130	4	SCREW, HEX, 1/4-20X.5
0095	-----	1	GROMMET
0390	-----	1	DECAL, SWRI
0400-120	-----	1	DECAL, External Power Switch -(Part information located in Decals Group.)
0400-220	-----	1	DECAL, Fuel Selection -(Part information located in Decals Group.)
0450	-----	1	SEAL, Foam
1200	84007047	1	KIT, Support, Left Front -(Includes Ref. Nos. 0030, 0045, 0050, 0095, 0450)
0030	-----	1	SUPPORT, Left Front
0045	26850GS	1	WASHER, Ext. M6 - 1/4" Shakeproof
0050	704130	4	SCREW, HEX, 1/4-20X.5
0095	-----	1	GROMMET
0450	-----	1	SEAL, Foam
1300	84007048	1	KIT, Support, Left Back -(Includes Ref. Nos. 0040, 0045, 0050, 0095, 0400-60, 0450)
0040	-----	1	SUPPORT, Left Back
0045	26850GS	1	WASHER, Ext. M6 - 1/4" Shakeproof
0050	704130	4	SCREW, HEX, 1/4-20X.5
0095	-----	1	GROMMET
0400-60	-----	1	DECAL-WARNING, EXHAUST -(Part information located in Decals Group.)
0450	-----	1	SEAL, Foam
1400	84007029	1	KIT, Muffler Box, Top -(Includes Ref. Nos. 0320, 0327, 0328, 0330)
0320	-----	1	MUFFLER BOX, Top
0327	71693GS	6	WASHER, Fender
0328	22287GS	6	SCREW, 1/4" - 20 x 3/4"
0330	-----	1	DECAL-WARNING, HOT SURFACE -(Part information located in Decals Group.)
1500	84007080	1	KIT, Muffler Box, Bottom -(Includes Ref. Nos. 0120, 0130, 0310, 0321, 0325, 0326)
0120	-----	10	WASHER, Flat, #10, Fender
0130	194561	6	HHS,TRILOBULAR, #10-3
0310	-----	1	MUFFLER BOX, Bottom
0321	-----	6	RIVET, BLIND, 3/16 X 5/8
0325	-----	2	BRACKET, Muffler
0326	-----	6	NUT, Clip
1600	84007030	1	KIT, Muffler -(Includes Ref. Nos. 0180, 0800, 0810)
0180	-----	1	MUFFLER
0800	809872	2	GASKET, Exhaust
0810	846149	4	SCREW

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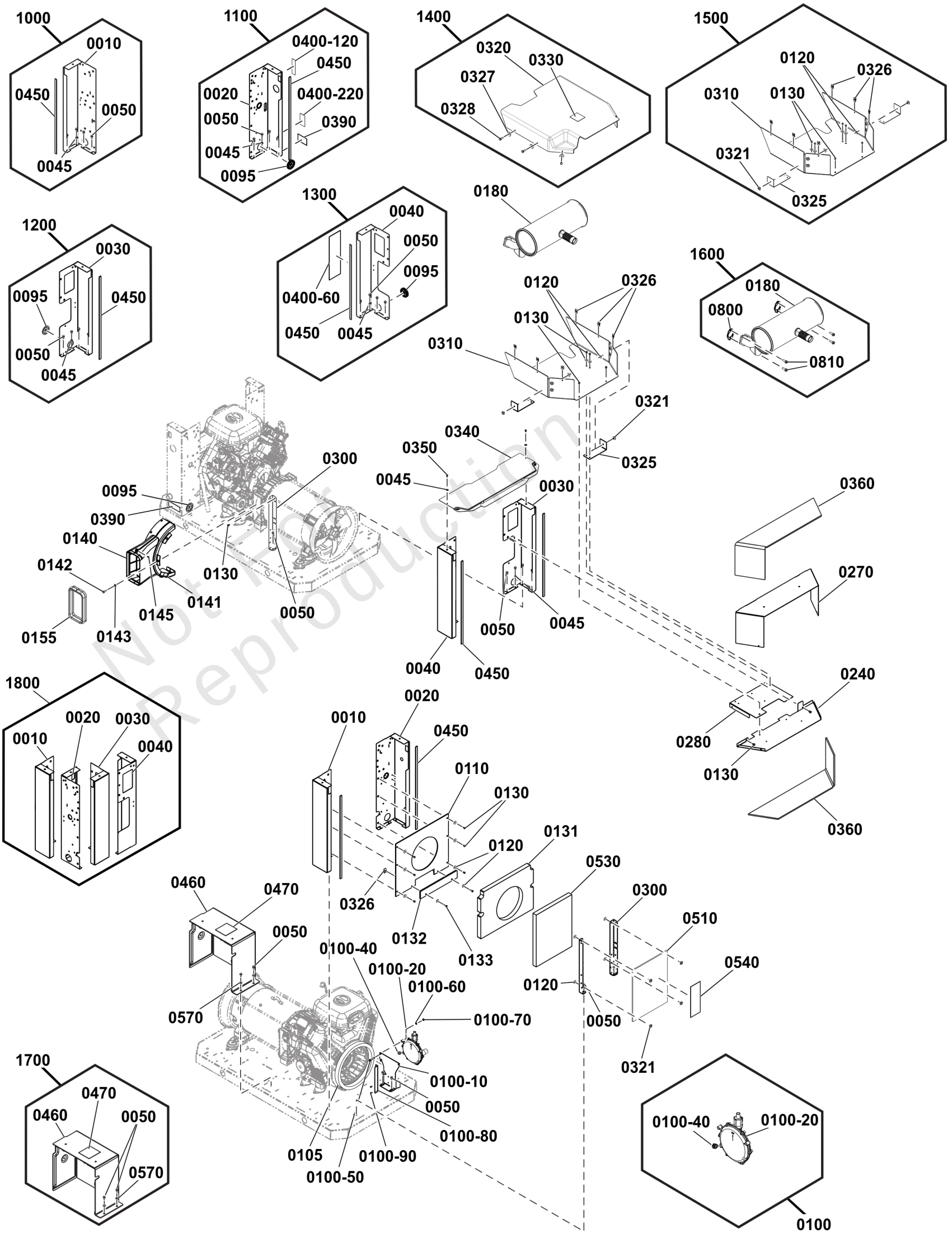
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Fuel, Duct & Support Group

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Mfg. No: 040756-00



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Fuel, Duct & Support Group

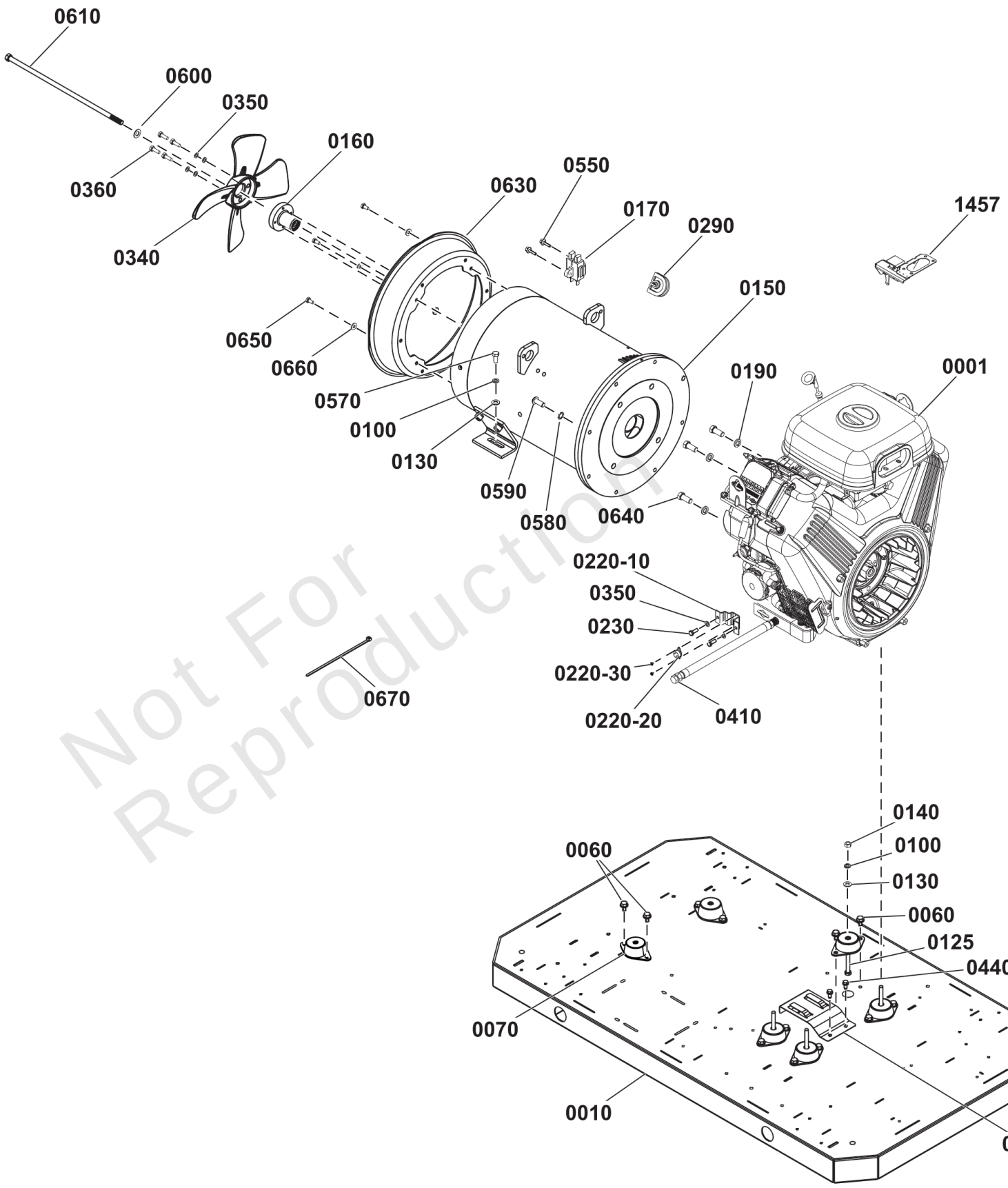
REF NO	PART NO	QTY	DESCRIPTION
1700	84007032	1	KIT, Battery Box -(Includes Ref. Nos. 0050, 0460, 0470)
0050	704130	2	SCREW, HEX, 1/4-20X.5
0460	-----	1	PANEL, Battery Box
0470	-----	1	DECAL, Warning, Battery -(Part information located in Decals Group.)
0570	-----	2	WASHER
1800	6856	1	ENCLOSURE, Bulkhead -(Includes Ref. Nos. 0010, 0020, 0030, 0040)
0010	-----	1	SUPPORT, Right Back
0020	-----	1	SUPPORT, Left Back
0030	-----	1	SUPPORT, Left Front
0040	-----	1	SUPPORT, Right Front

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Power Group

REF NO	PART NO	QTY	DESCRIPTION
0001	61H3750001E1	1	Replacement Engine -(**See footnote)
0010	-----	1	BASE
0060	24910GS	12	CAPSCREW, Hex Head, Trilobular, 5/16, 18 x 1/2
0070	84007023	6	MOUNT, Vibration
0100	22129GS	6	WASHER, Lock
0125	-----	4	*CAPSCREW, Hex Head, 5/16-18 x 2-1/2 -(*See footnote)
0130	5025155SM	6	WASHER, 5/16
0140	22259GS	4	NUT, 5/16 - 18
0150	84010874	1	ALTERNATOR
0160	84007022	1	HUB, Fan
0170	66386GS	1	ASSY, Holder, Brush
0190	-----	4	*WASHER, Lock, 7/16 -(*See footnote)
0220-10	313561GS	1	PLATE, Temp Switch
0220-20	204426GS	1	SWITCH, Temperature
0220-30	708730	2	SCREW
0230	47411GS	2	SCREW
0290	315440GS	1	GROMMET
0340	84006018	1	FAN
0350	22097GS	6	WASHER
0360	5025010X6SM	4	BOLT, 1/4-20 X 3/4" G
0410	5048681SM	1	HOSE, OIL DRAIN
0440	704130	2	SCREW, HEX, 1/4-20X.5
0450	-----	1	BRACKET, Heater
0550	66849GS	2	TAPTITE, M5 - 0.8 x 16
0570	5025011X6	2	BOLT, 5/16-18 X 3/4 GD5
0580	193686	8	WSHR, M10, SHKPRF, EXT
0590	-----	8	*SCREW, M10 X 25 -(*See footnote)
0600	203200	1	WASHER, 3/8" SAE
0610	315203GS	1	BOLT
0630	84006017	1	SHROUD, Fan
0640	2820676SM	4	CAPSCREW-HEX HD 7/16-
0650	807435	6	SCREW
0660	22473GS	6	FLAT WASHER, M6 - 1/4"
0670	29333AGS	1	TIEWRAP, 7 LG BLK
1457	-----	1	MOTOR, Stepper -(Refer To Your Engine Model's Parts Manual)

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** 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.

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6845-00 - Fuel Regulator Heater

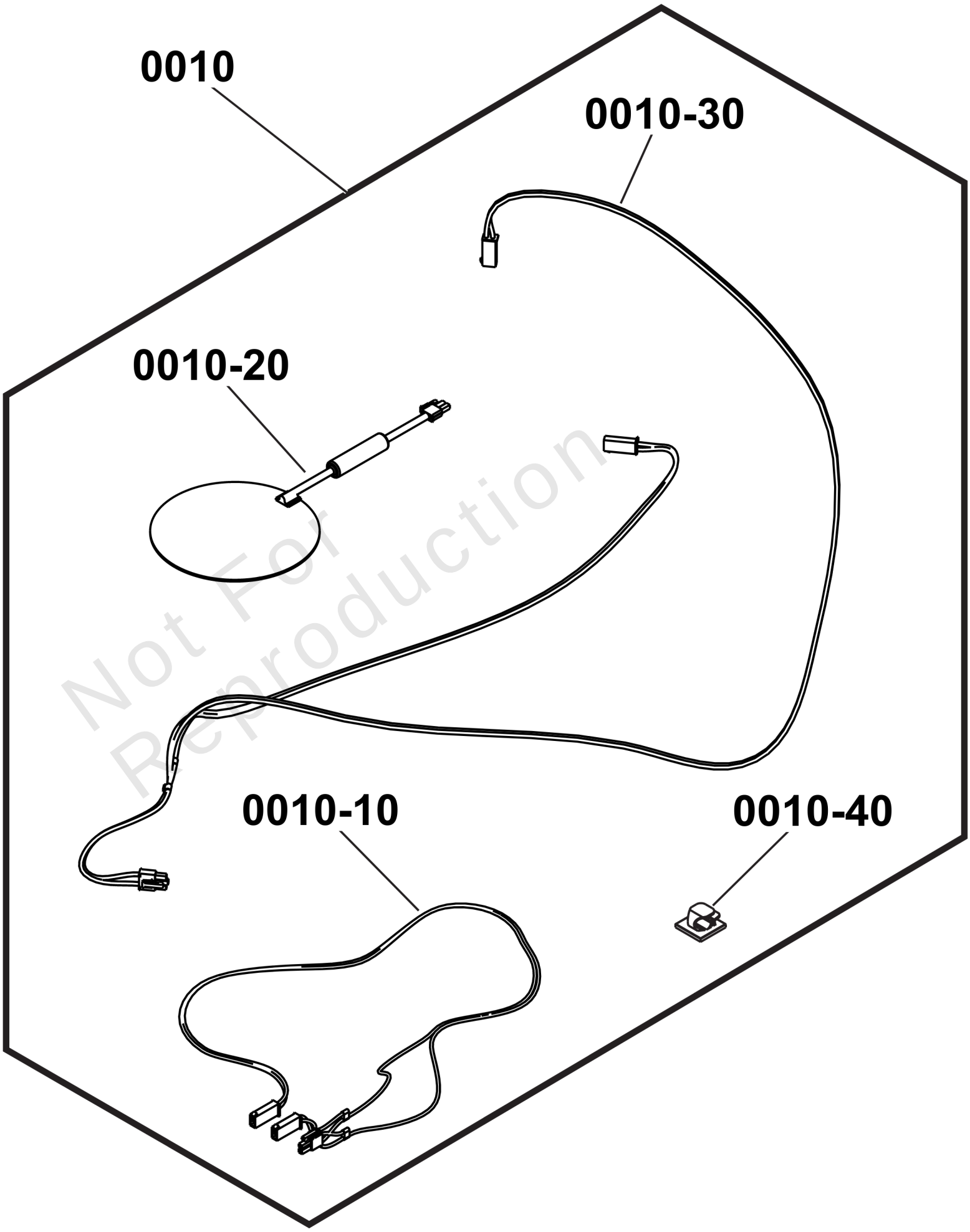
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Fuel Regulator Heater

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Mfg. No: 6845-00



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Fuel Regulator Heater

REF NO	PART NO	QTY	DESCRIPTION
0010	6845	1	HEATER, Fuel Regulator
0010-10	-----	1	HARNESS, Wire
0010-20	-----	1	HEATER, Fuel Regulator
0010-30	-----	1	HARNESS, Cold Weather
0010-40	-----	1	CLIP, LTCHNG

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6840-00 - Oil Sump Warmer

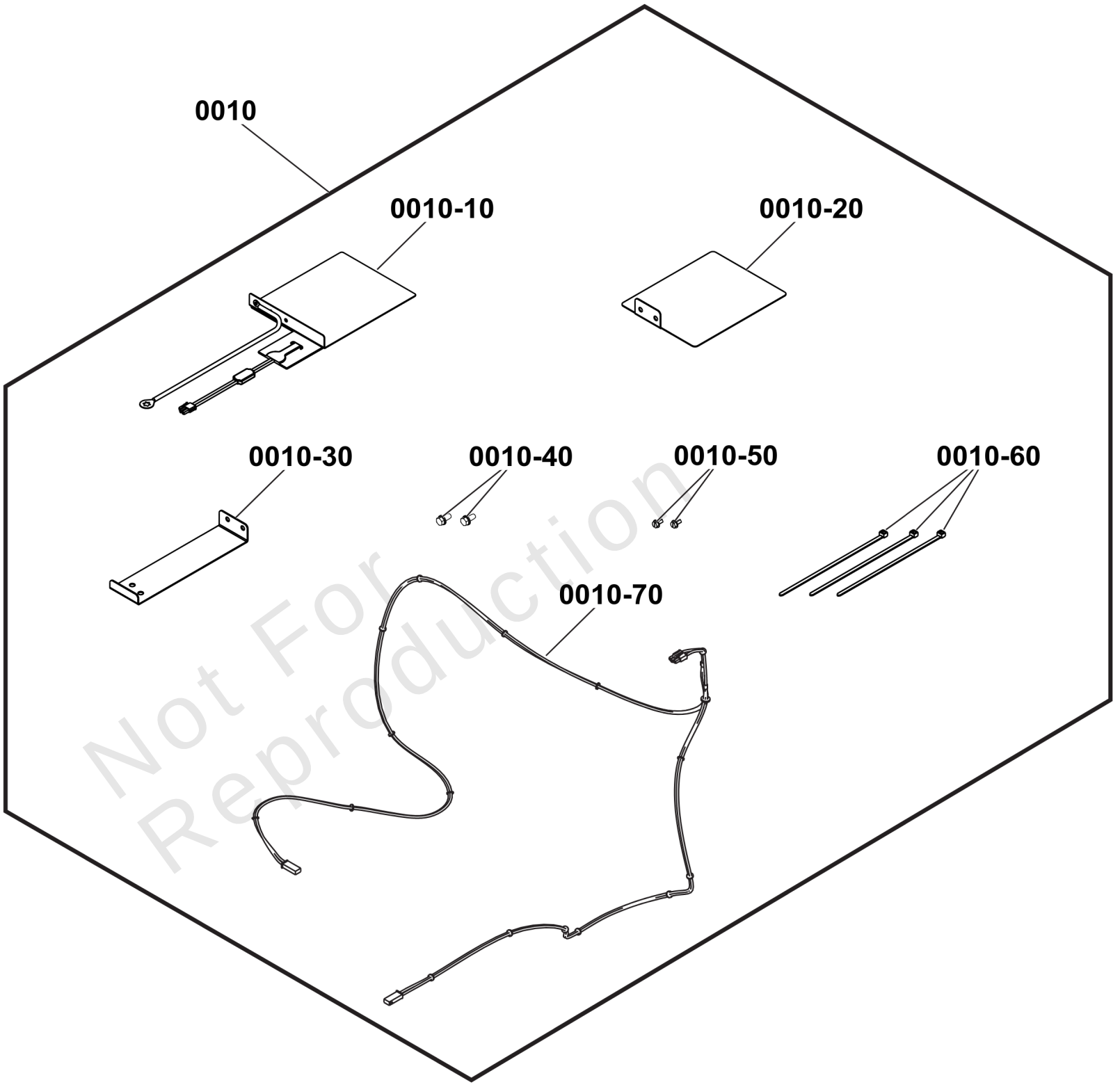
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Oil Sump Warmer

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Oil Sump Warmer

REF NO	PART NO	QTY	DESCRIPTION
0010	6840		KIT, Oil Sump Warmer -(Incl. Ref. Nos. 0010-10, 0010-20, 0010-30, 0010-40, 0010-50, 0010-60, 0010-70)
0010-10	314941GS	1	PLATE, Warmer
0010-20	-----	1	PLATE, Warmer
0010-30	-----	1	BRACKET, Guide, Warmer
0010-40	704130	2	SCREW, HEX, 1/4-20X.5
0010-50	194561GS	2	HHS, Trilobular, #10-32 x 3/8
0010-60	29333AGS	3	TIEWRAP, 7 LG BLK
0010-70	84007199	1	HARNESS, Cold Weather

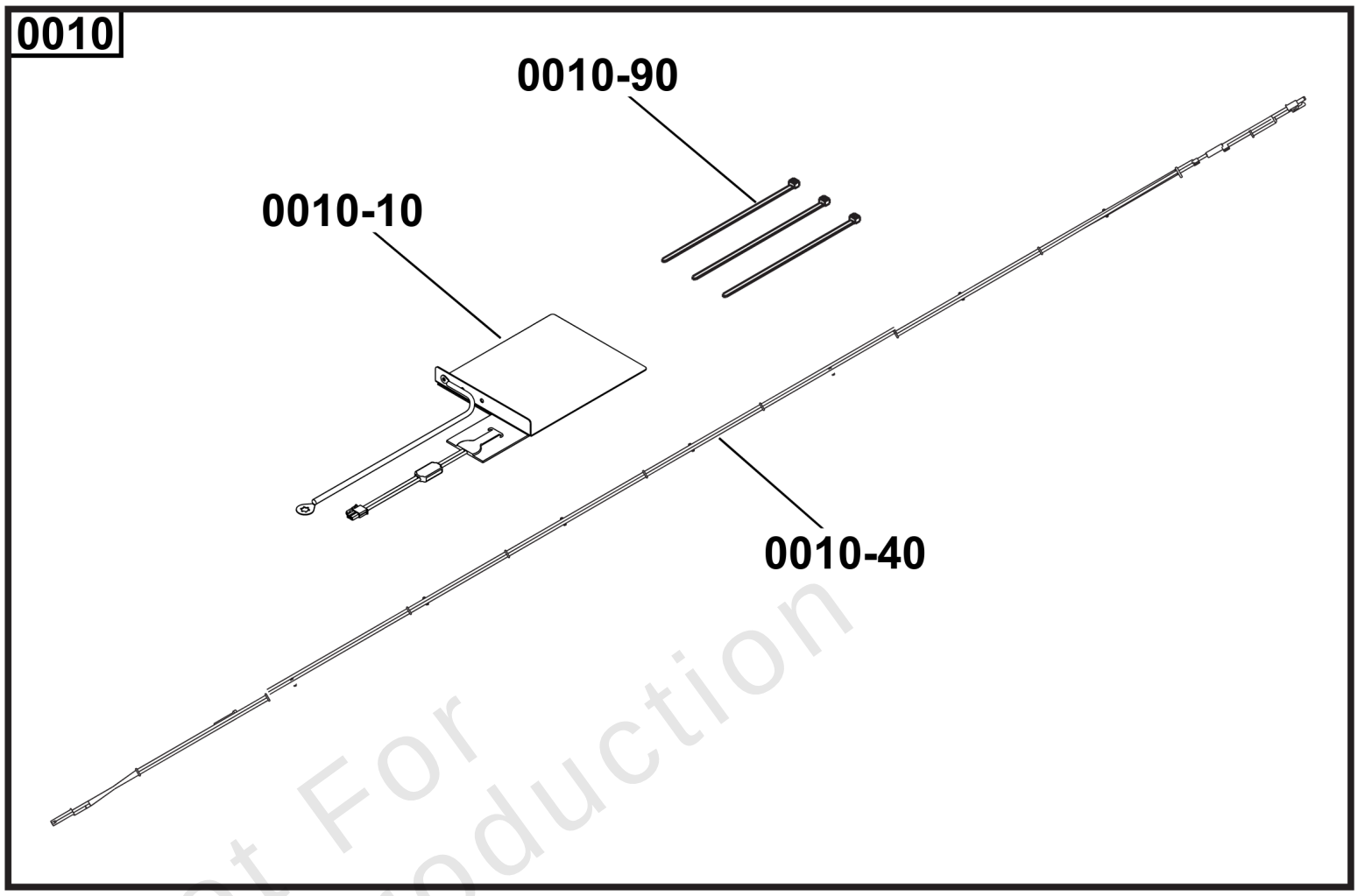
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6869-00 - Battery Warmer

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Battery Warmer

REF NO	PART NO	QTY	DESCRIPTION
0010	6869	1	WARMER, Battery
0010-10	314941GS	1	PLATE, Warmer
0010-40	84007199	1	HARNESS, Cold Weather
0010-90	29333AGS	3	TIEWRAP, 7 LG BLK

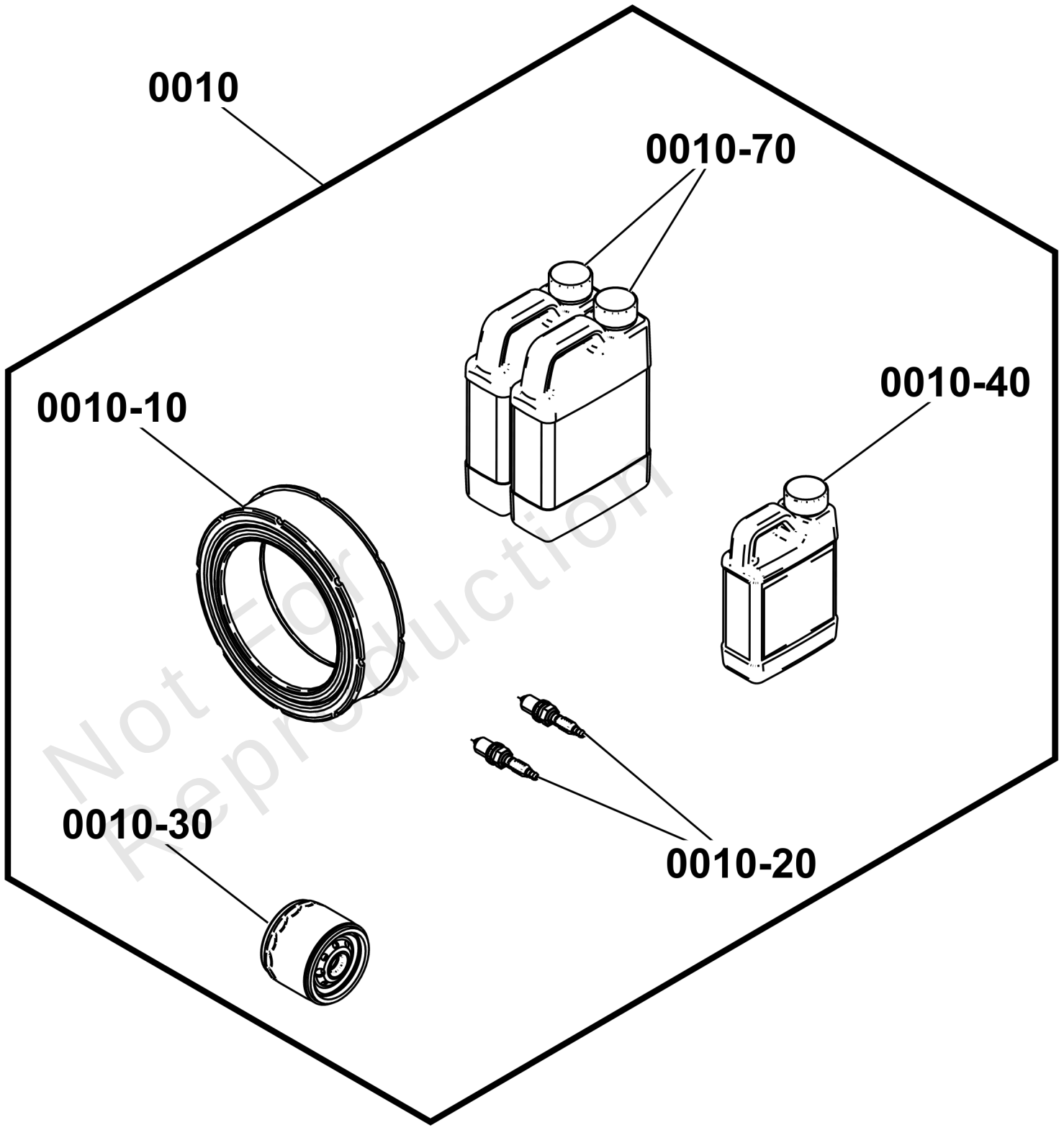
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6872-00 - Maintenance

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Maintenance

REF NO	PART NO	QTY	DESCRIPTION
0010	6872	1	ACC, KIT, MAINTENANCE, 17-26000 -(Incl. Ref. Nos. 0010-10, 0010-20, 0010-30, 0010-40, 0010-70)
0010-10	-----	1	CARTRIDGE, Air Cleaner
0010-20	792015	2	PLUG, Spark
0010-30	841023	1	FILTER, OIL
0010-40	-----	1	BOTTLE, 16oz Oil
0010-70	-----	2	BOTTLE, 32oz Oil

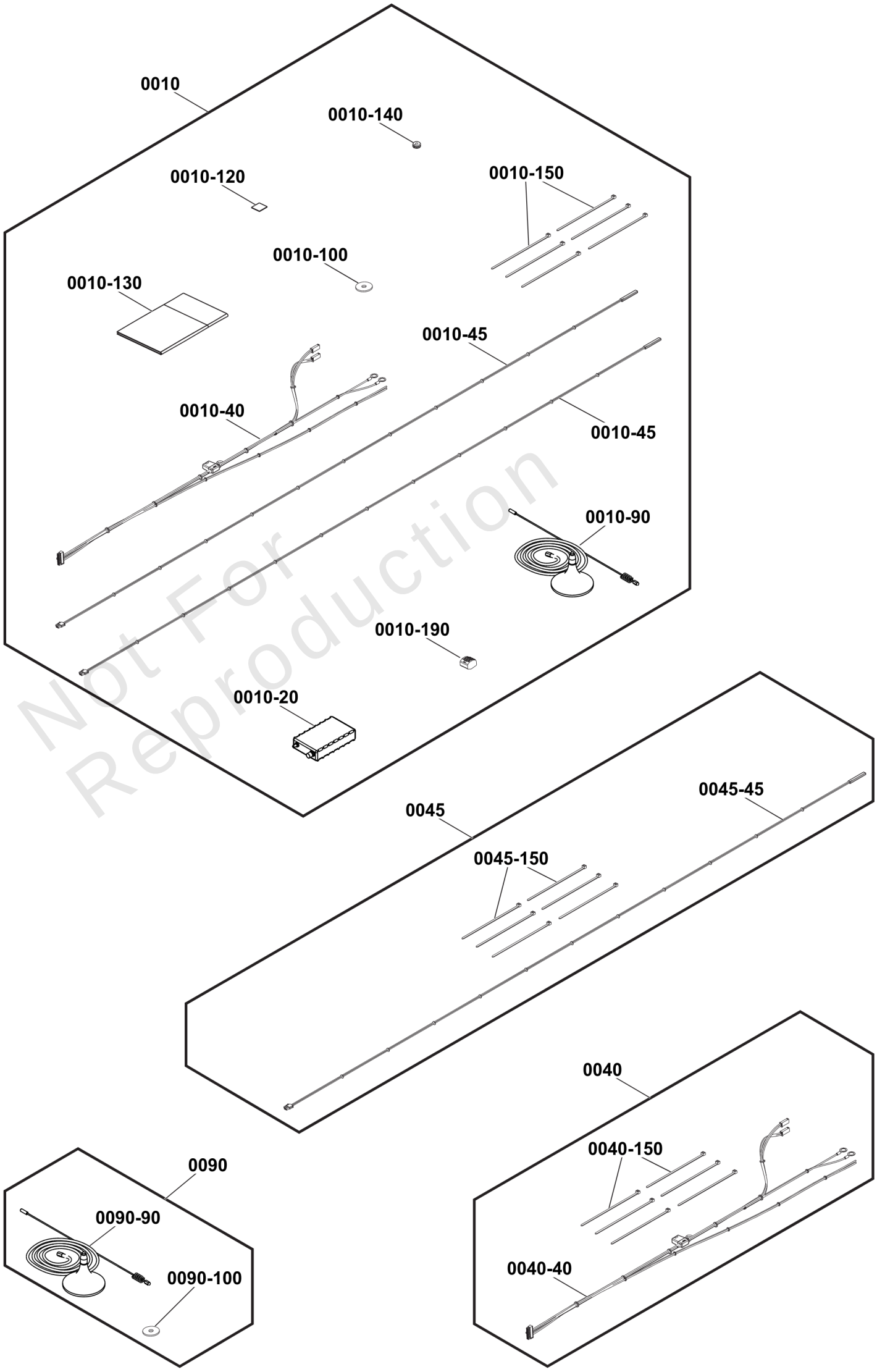
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6574-01 - Infohub

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Infohub

REF NO	PART NO	QTY	DESCRIPTION
0010	6574	1	KIT, Infohub SP, Agnostic -(Incl. Ref. Nos. 0010-20, 0010-40, 0010-45, 0010-90, 0010-100, 0010-120, 0010-130, 0010-140, 0010-150, 0010-190)
0010-20	-----	1	INFOHUB, UNIV
0010-40	-----	1	HARNESS, Infohub SP, Agnostic
0010-45	-----	2	ASSEMBLY, Voltage Sensor
0010-90	-----	1	ANTENNA, Cell Quad Band
0010-100	703591	1	WASHER, .406X1.5X.12
0010-120	-----	1	STRIP, Adhesive Mounting
0010-130	-----	1	MANUAL, Operator
0010-140	316855GS	1	GROMMET
0010-150	29333AGS	6	TIEWRAP, 7 LG BLK
0010-190	197956GS	1	BLOCK, Terminal w/Levers
0040	84003260	1	HARNESS, Infohub SP, Agnostic -(Incl. Ref. Nos. 0040-40, 0040-150)
0040-40	-----	1	HARNESS, Infohub SP, Agnostic
0040-150	29333AGS	6	TIEWRAP, 7 LG BLK
0045	84003258	1	ASSEMBLY, Voltage Sensor -(Incl. Ref. Nos. 0045-45, 0045-150)
0045-45	-----	1	ASSEMBLY, Voltage Sensor
0045-150	29333AGS	6	TIEWRAP, 7 LG BLK
0090	84003261	1	ANTENNA, Cell Quad Band -(Incl. Ref. Nos. 0090-90, 0090-100)
0090-90	-----	1	ANTENNA, Cell Quad Band
0090-100	703591	1	WASHER, .406X1.5X.12

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6581-00 - Uninterruptible Power Supply - (UPS)

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Uninterruptible Power Supply - (UPS)

REF NO	PART NO	QTY	DESCRIPTION
0010	6581	1	KIT, ACC, UPS 350VA/255W, 120VAC -(Incl. Ref. No. 0010-10)
0010-10	-----	1	UPS 350VA/255W, 120VAC

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6491-01 - Estop Switch

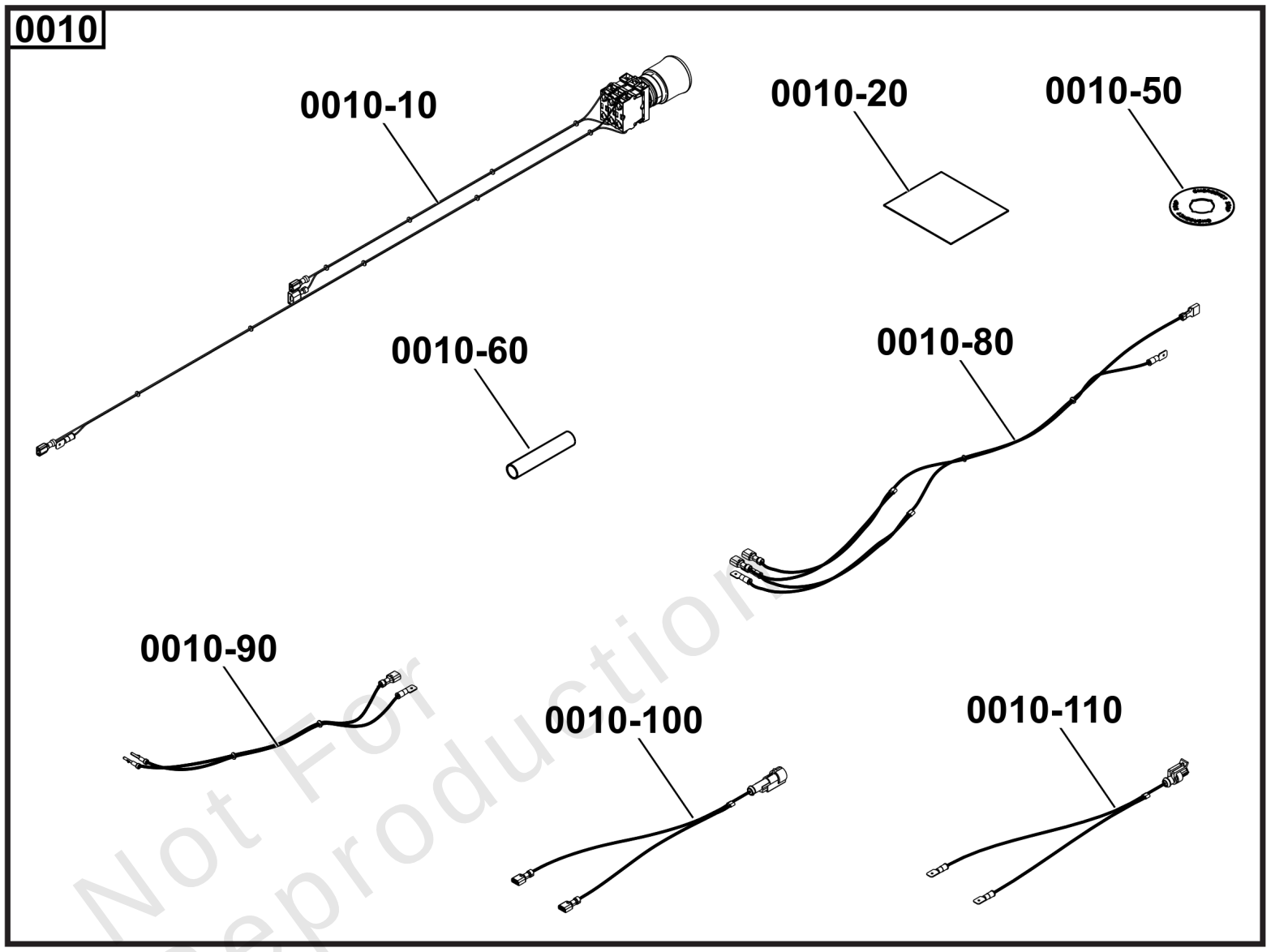
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Estop Switch

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Mfg. No: 6491-01



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Estop Switch

REF NO	PART NO	QTY	DESCRIPTION
0010	6491	1	ACC KIT, SWITCH, E-STOP -(Incl. Ref. Nos. 0010-10, 0010-20, 0010-50, 0010-60, 0010-80, 0010-90, 0010-100, 0010-110)
0010-10	-----	1	ASSEMBLY, Switch, E-Stop
0010-20	-----	1	DECAL
0010-50	-----	1	LEGEND PLATE, E-Stop
0010-60	-----	1	TUBING, Heat Shrink
0010-80	-----	1	HARNESS
0010-90	-----	1	HARNESS
0010-100	-----	1	HARNESS
0010-110	-----	1	HARNESS

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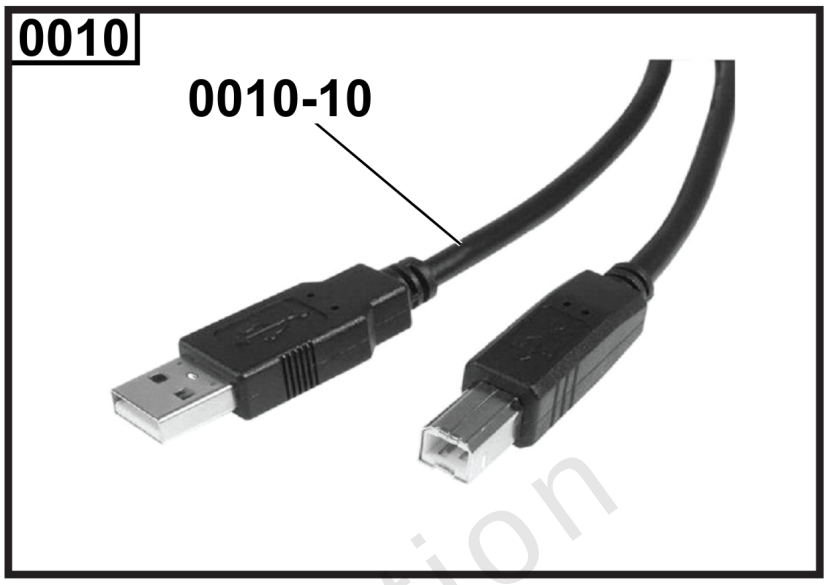
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6428-00 - USB Cable

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USB Cable

REF NO	PART NO	QTY	DESCRIPTION
0010	6428	1	KIT, Communication Cable -(Incl. Ref. No. 0010-10)
0010-10	-----	1	CABLE, USB

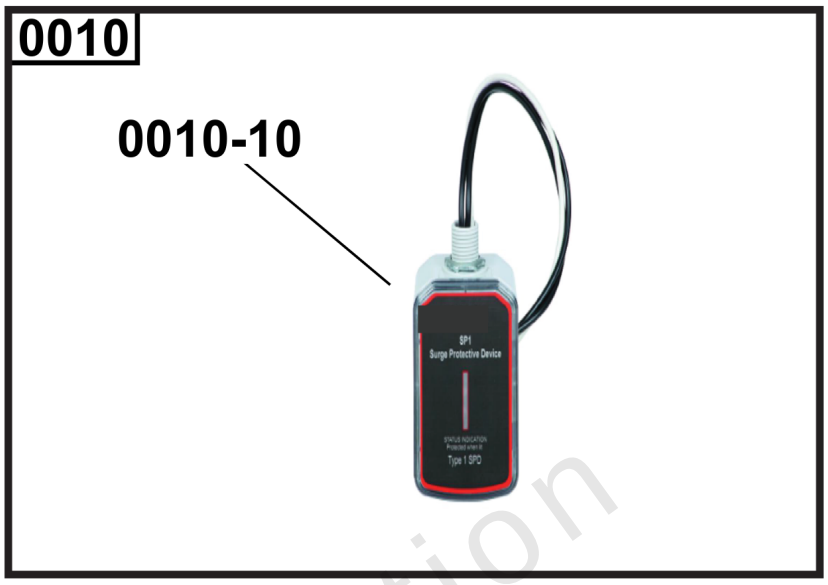
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6631-00 - Surge Protective Device (SPD)

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Surge Protective Device (SPD)

REF NO	PART NO	QTY	DESCRIPTION
0010	6631	1	SURGE PROTECTIVE DEVICE (SPD) -(Incl. Ref. No. 0010-10)
0010-10	-----	1	SURGE PROTECTIVE DEVICE (SPD)

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6302-01 - Concrete Pad (Hurricane)

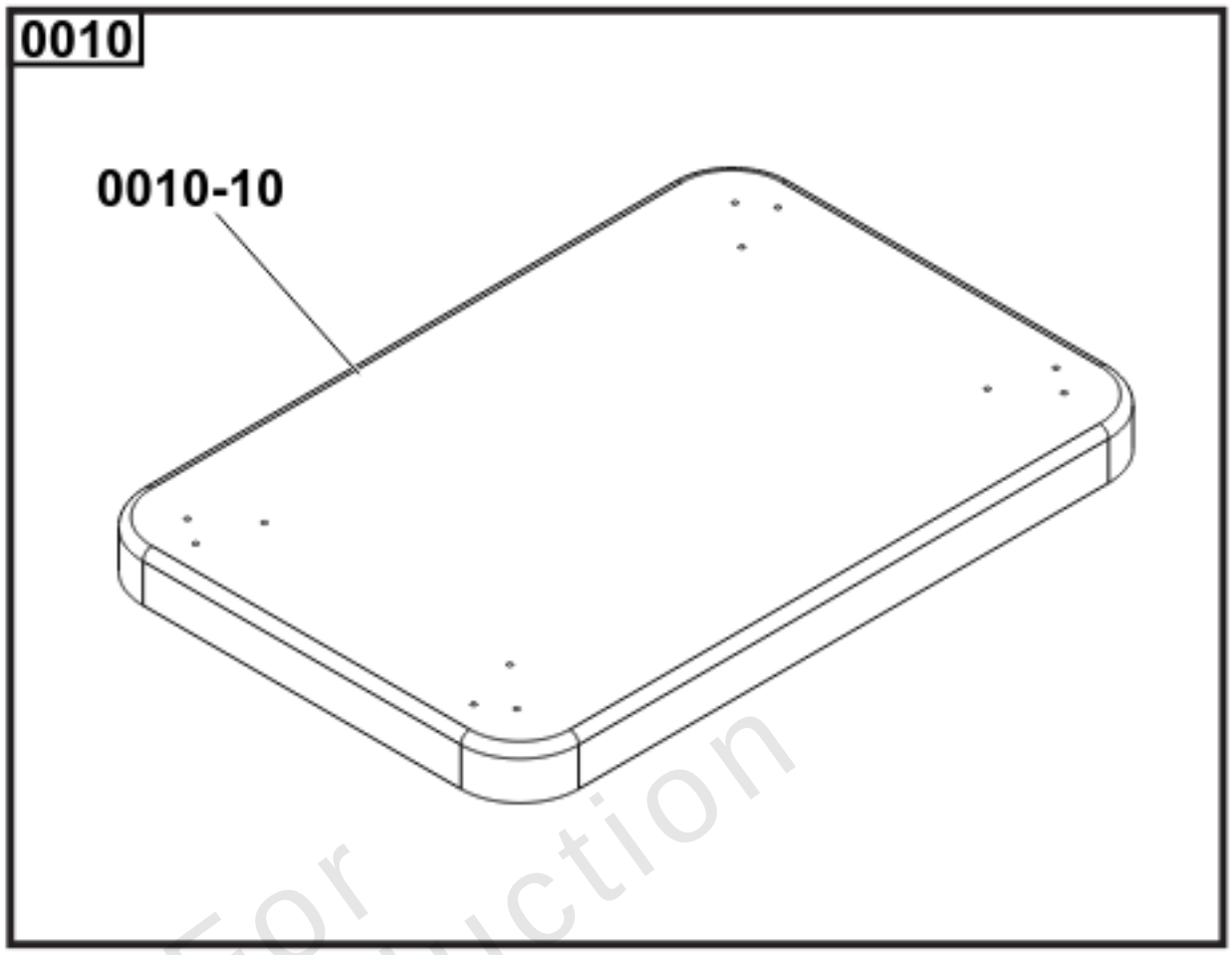
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Concrete Pad (Hurricane)

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Mfg. No: 6302-01



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Concrete Pad (Hurricane)

REF NO	PART NO	QTY	DESCRIPTION
0010	6838	1	ACC, 10 PK PAD, Concrete, Non-Hurricane -(Incl. Ref. No. 0010-10)
0010-10	-----	5	PAD, Concrete

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6938-00 - Louver Assembly

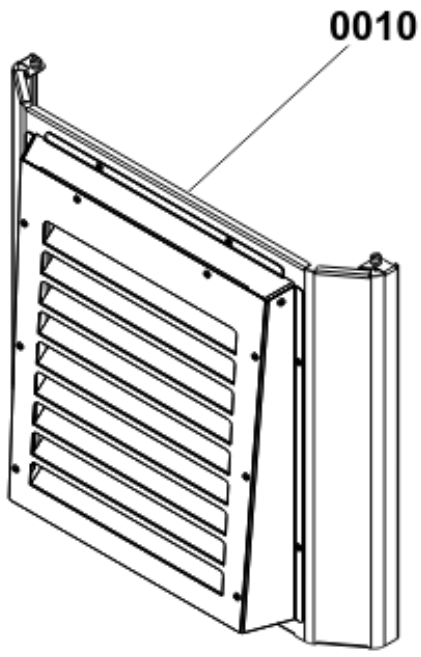
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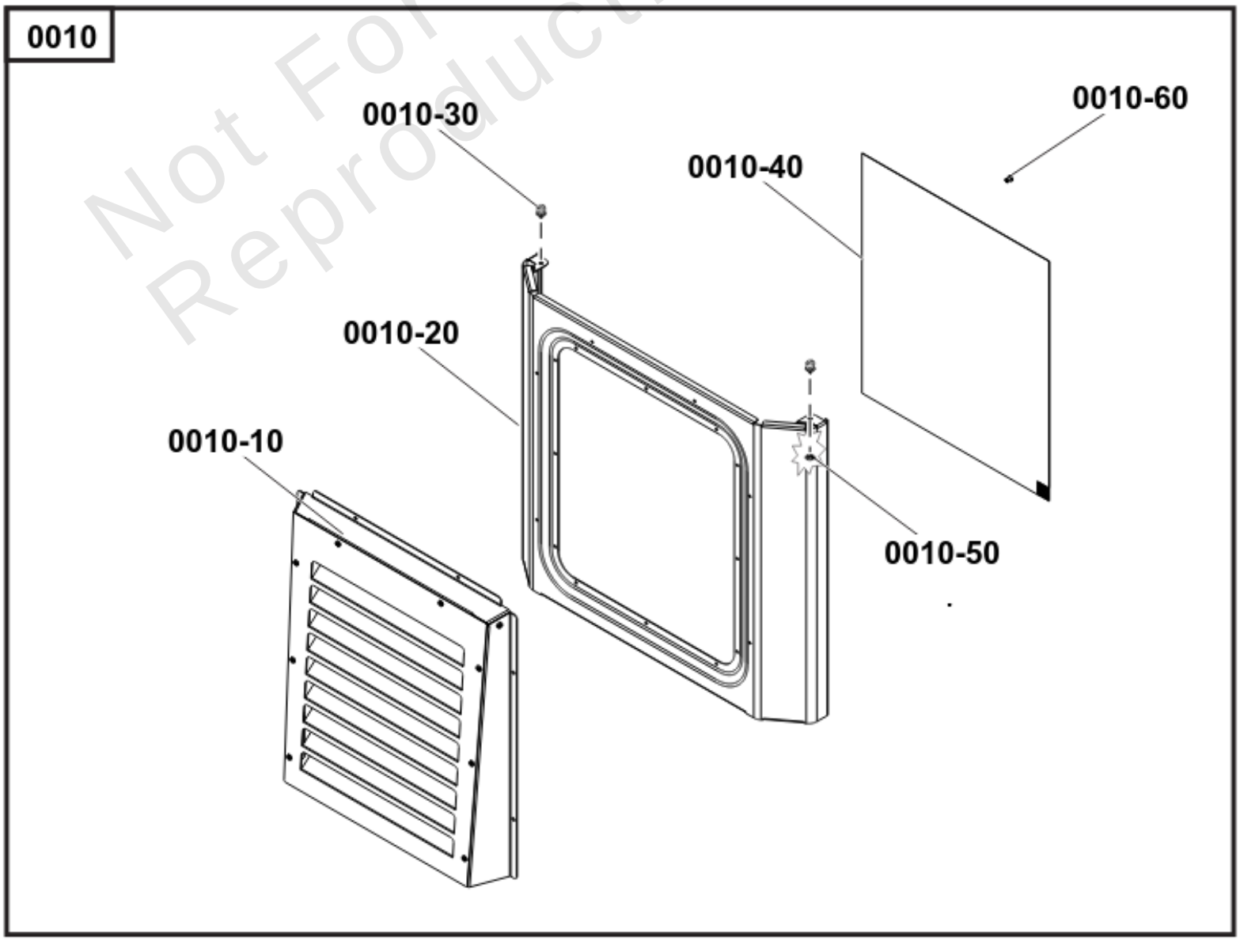
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Louver Assembly

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Louver Assembly

REF NO	PART NO	QTY	DESCRIPTION
0010	6938	1	ASSEMBLY, Louver -(Incl. Ref. Nos. 0010-10, 0010-20, 0010-30, 0010-40, 0010-50, 0010-60)
0010-10	-----	1	ASSEMBLY, Louver Box
0010-20	-----	1	END, Enclosure
0010-30	-----	2	SCREW, Captive
0010-40	-----	1	SCREEN, Panel, Back
0010-50	-----	2	RETAINER
0010-60	-----	18	RIVET, Blind, 1/8 X 5/16

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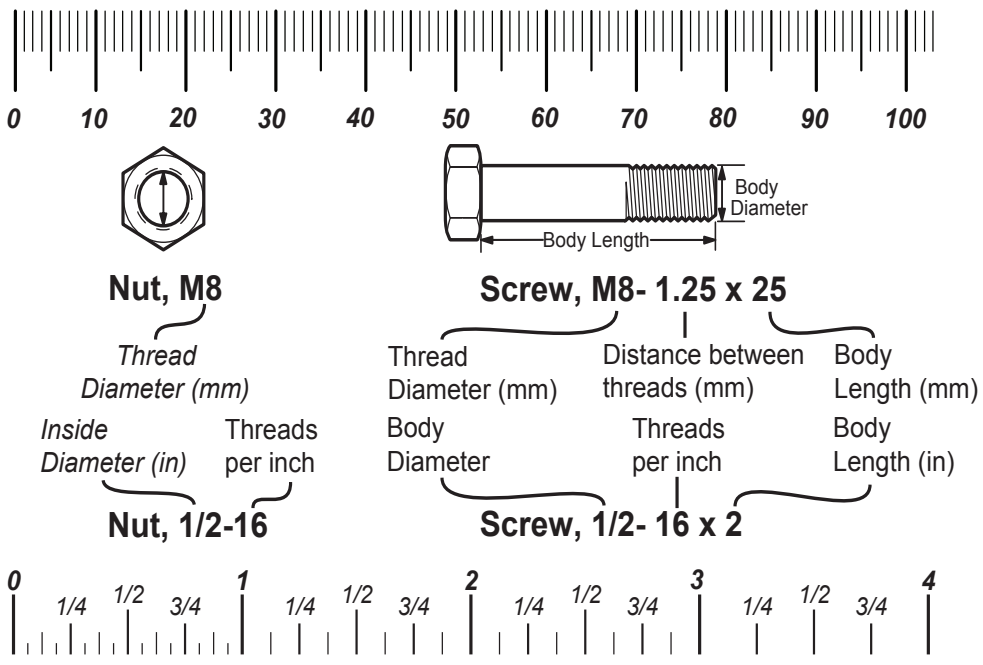
Hardware Identification & Torque Specifications

Torque Specification Chart

FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 20%)

Property Class	5.6 Class 5.6		8.8 Class 8.8		10.9 Class 10.9		12.9 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

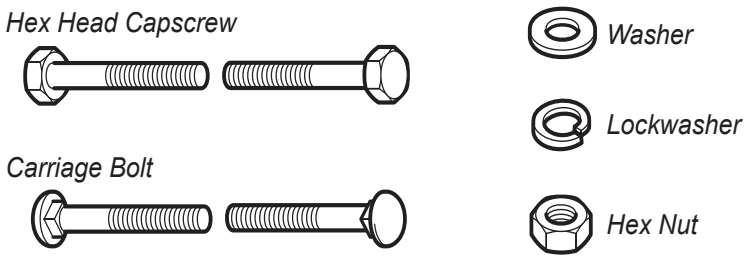
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)

Hardware Grade	No Marks 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

1. 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.
2. Recommended seating torque values for locknuts:
   a. for prevailing torque locknuts - use 65% of grade 5 torques.
   b. for flange whizlock nuts and screws - use 135% of grade 5 torques.
3. 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—22 mm

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