

PARTS MANUAL



Doosan Infracore
Portable Power

LIGHTSOURCE (C13)
LIGHTSOURCE HA (C14)
LIGHTSOURCE B (D47)
LIGHTSOURCE C (D56)
LIGHTSOURCE (D92)
LIGHTSOURCE (D98)

LIGHT TOWER

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Parts Book



Parts Ordering

GENERAL

This publication, which contains an illustrated parts breakdown, has been prepared as an aid in locating those parts which may be required in the maintenance of the unit. Always insist on genuine Ingersoll Rand branded parts for your unit.

Doosan Infracore Portable Power can bear no responsibility for injury or damages resulting directly from the use of non-approved repair parts.

Portable Power service facilities and Ingersoll Rand parts are available worldwide. Consult local yellow pages or visit: www.doosanportablepower.com.

Special order parts may not be included in this manual. Contact the Portable Power Parts Department with the unit serial number for assistance with these special parts.

Description

The illustrated parts breakdown illustrates and lists the various assemblies, subassemblies and detailed parts which make up this particular machine. This covers the standard models and the more popular options that are available.

In referring to the rear, the front or to either side of the unit, always consider the drawbar end of the unit as the front.

Standing at the rear of the unit facing the drawbar (front) will determine the right and left sides.

Fasteners

Both SAE/inch and ISO/metric hardware have been used in the design and assembly of these units. In the disassembly and reassembly of parts, extreme care must be taken to avoid damaging threads by the use of wrong fasteners.

How To Order

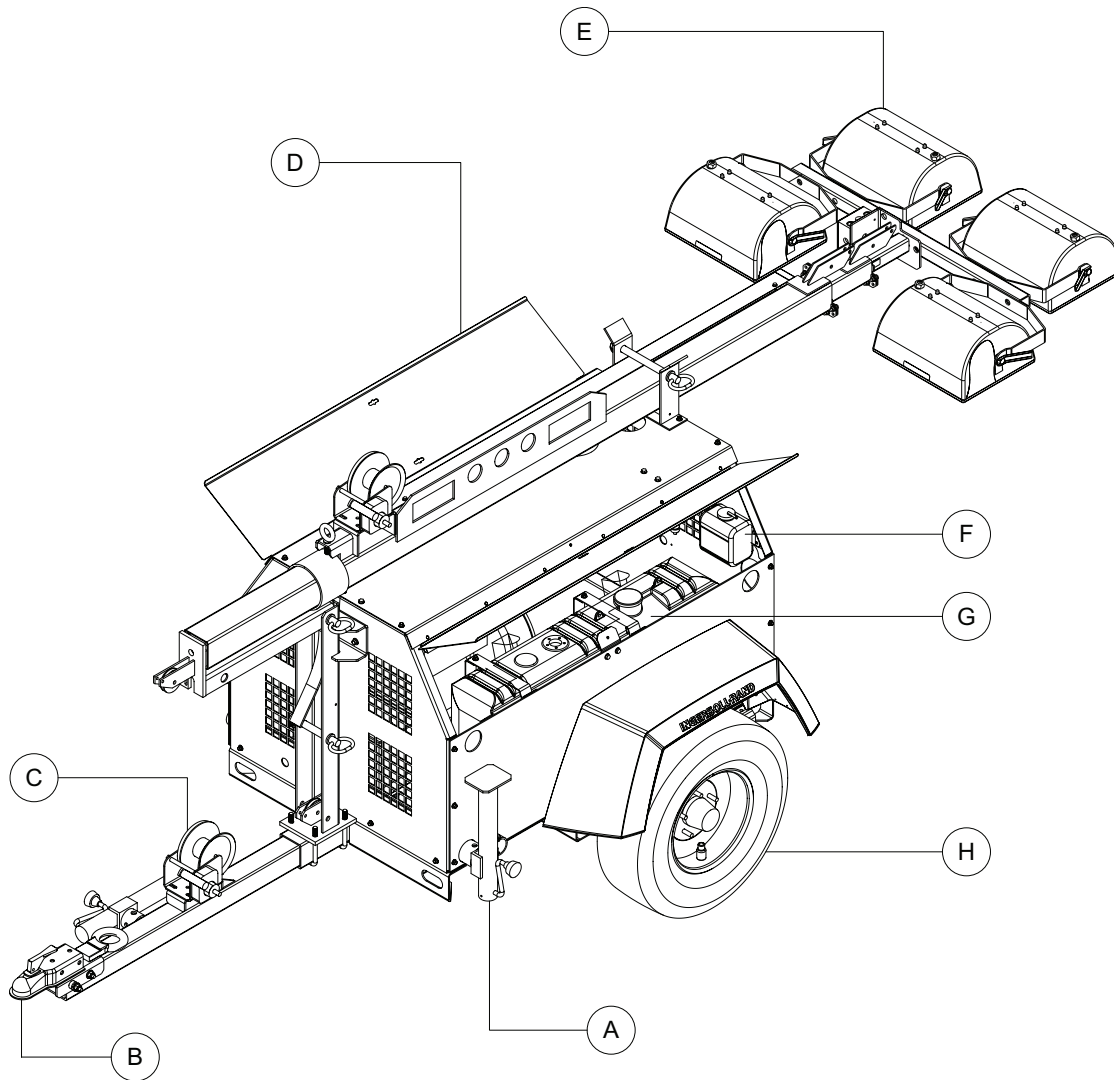
Always specify the model and serial number of the unit.

Specify the part number and description.



Parts List

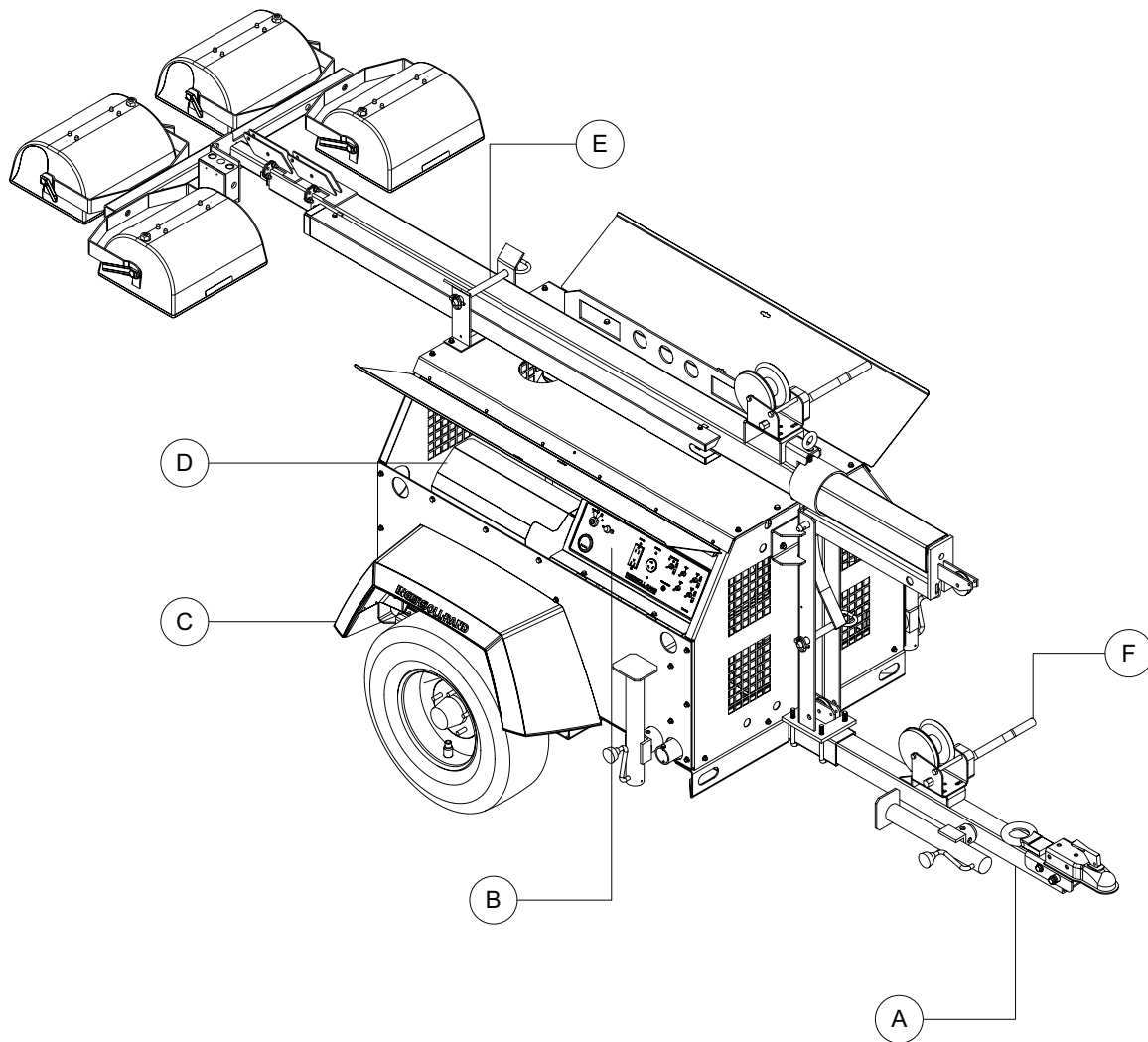
General Arrangement



22902458_006_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36923407	Jack, Outrigger	2	2"
B	54518758	Coupler	1	
C	36923654	Winch	1	
D	36923183	Door	2	
E	22501217	Optical Assembly	4	Prior to S/N: 407952
	23084932	Optical Assembly	4	Between S/N's: 407952 & 408213
	46496907	Optical Assembly	4	After S/N: 408213
F	36884948	Bottle, Coolant	1	
G	36881100	Tank, Fuel	1	
H	36073542	Tire & Wheel Assembly	2	

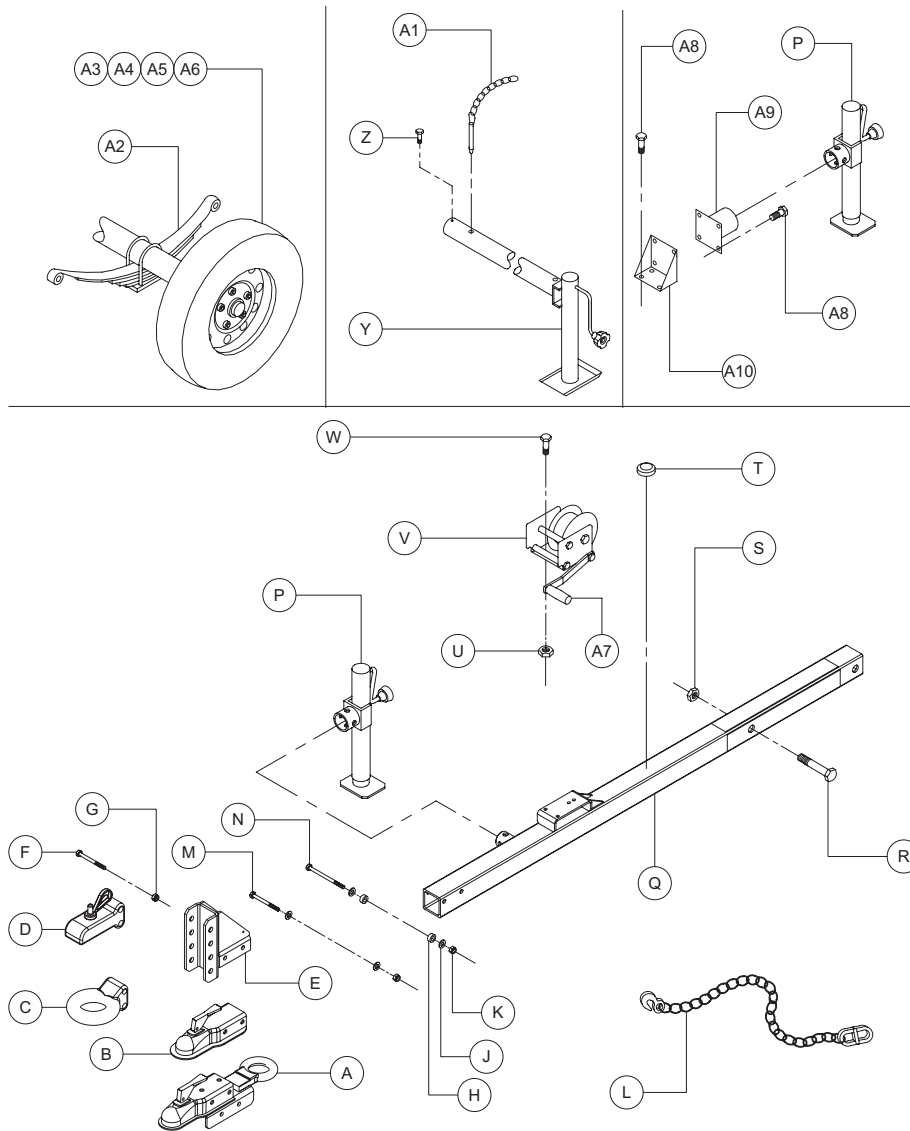
General Arrangement



22902458_007_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36923266	Drawbar	1	9"
B	54462353	Decal, Panel	1	
C	36877579	Fender	1	
D	23137276	Shield, Heat	1	
E	36870020	Pin	1	
F	36923662	Handle, Winch	2	

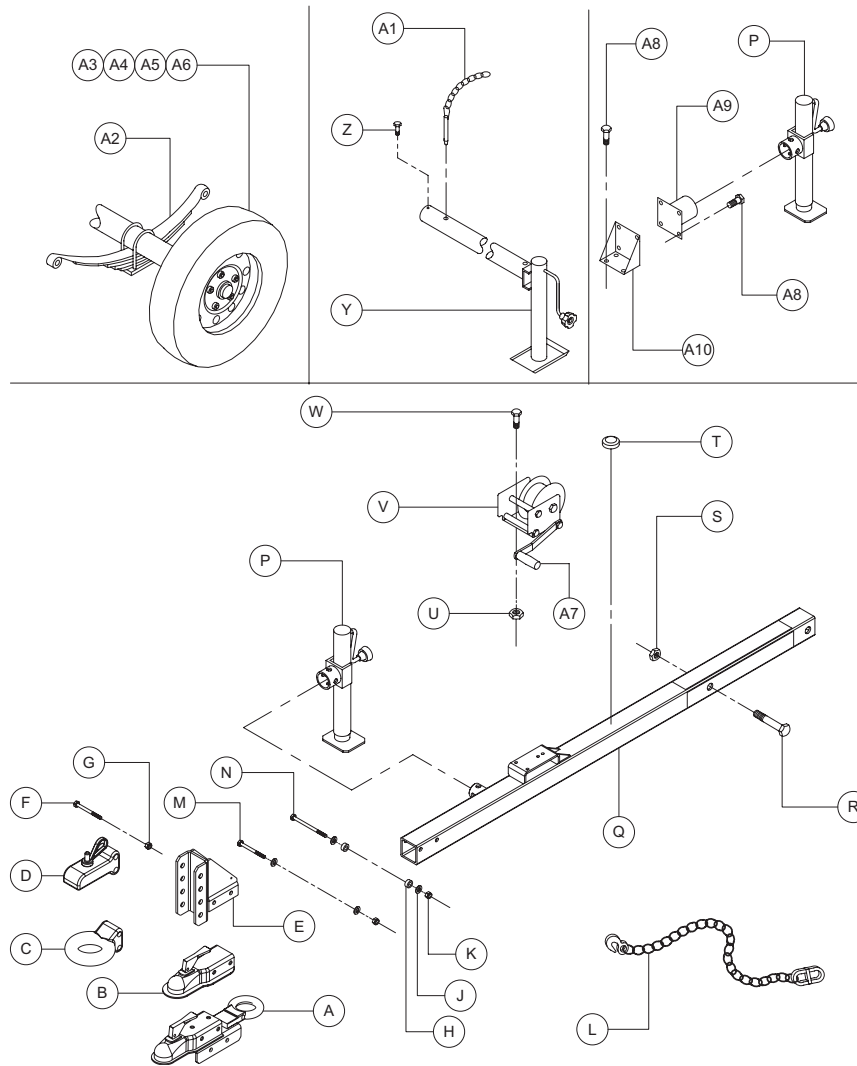
Drawbar Assembly



22902458_008_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54518758	Hitch, Dual, Standard	1	2" Ball, 2.5" Pintle
B	36923290	Coupler	1	2" Ball
C	35605187	Pintle, 3 Position	1	3" Pintle
D	36509073	Coupler, 3 Position	1	2" Ball
	35370469	Coupler, 3 Position	1	2 5/16" Ball
E	54399506	Bracket, Coupler 3 Position	1	
F	35376094	Screw	2	M16 - 2.0 X 120
G	96701750	Nut (2 per Screw)	4	M16 - 2.0
H	36923241	Spacer	2	
J	95935003	Washer	4	
K	35304047	Nut	2	M12 - 1.75
				Continued.....

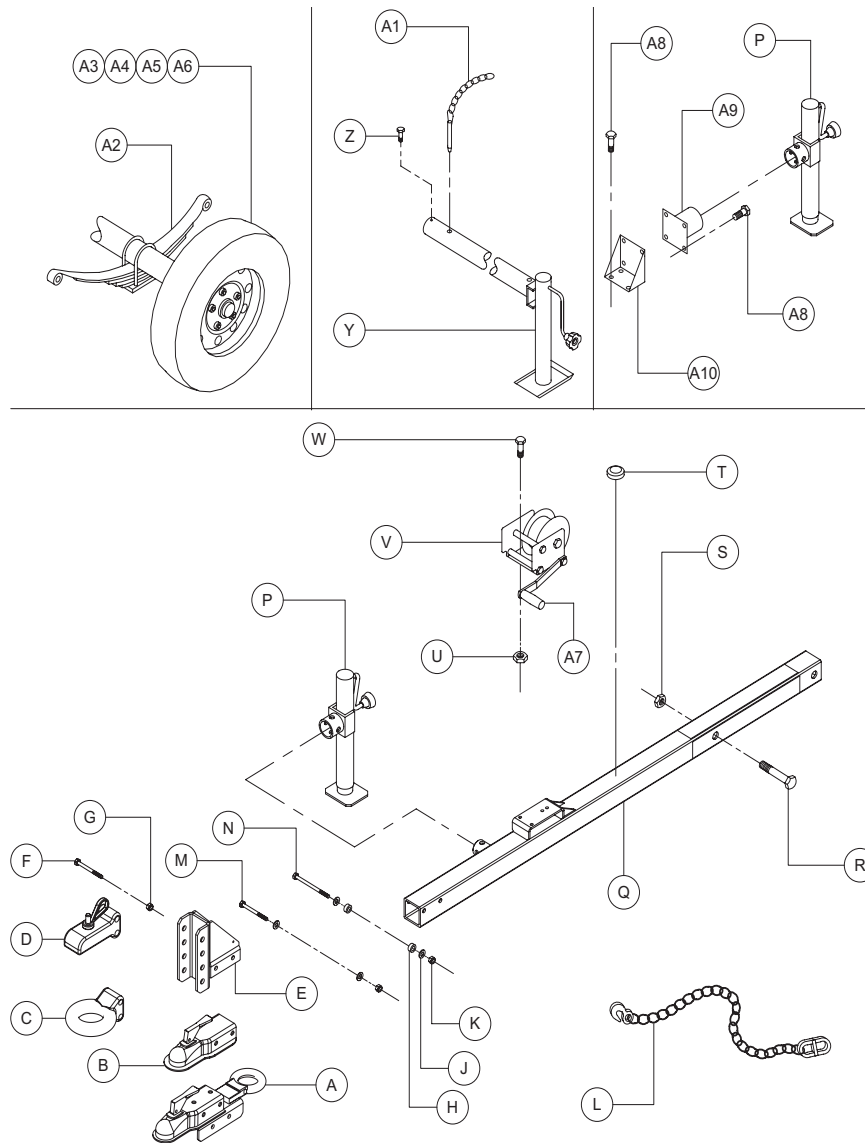
Drawbar Assembly



22902458_009_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	22144521	Chain & Hook Assembly	2	 <i>Continued</i>
M	96721527	Screw (Prior to S/N: 384829)	1	M12 - 1.75 X 120
	96727896	Screw (After S/N: 384829)	1	M12 - 1.75 X 110
N	96721550	Screw	1	M12 - 1.75 X 160
P	36923415	Jack Assembly	1	
Q	36923266	Drawbar	1	
R	95953998	Screw	1	7/8" - 9 X 4-1/2"
S	95935060	Nut	1	7/8" - 9
T	36787398	Level	1	
U	36881886	Nut	3	M8 - 1.25
V	36923654	Winch, Manual	1	
W	36889608	Screw	3	M8 - 1.25 X 25
				 <i>Continued</i>

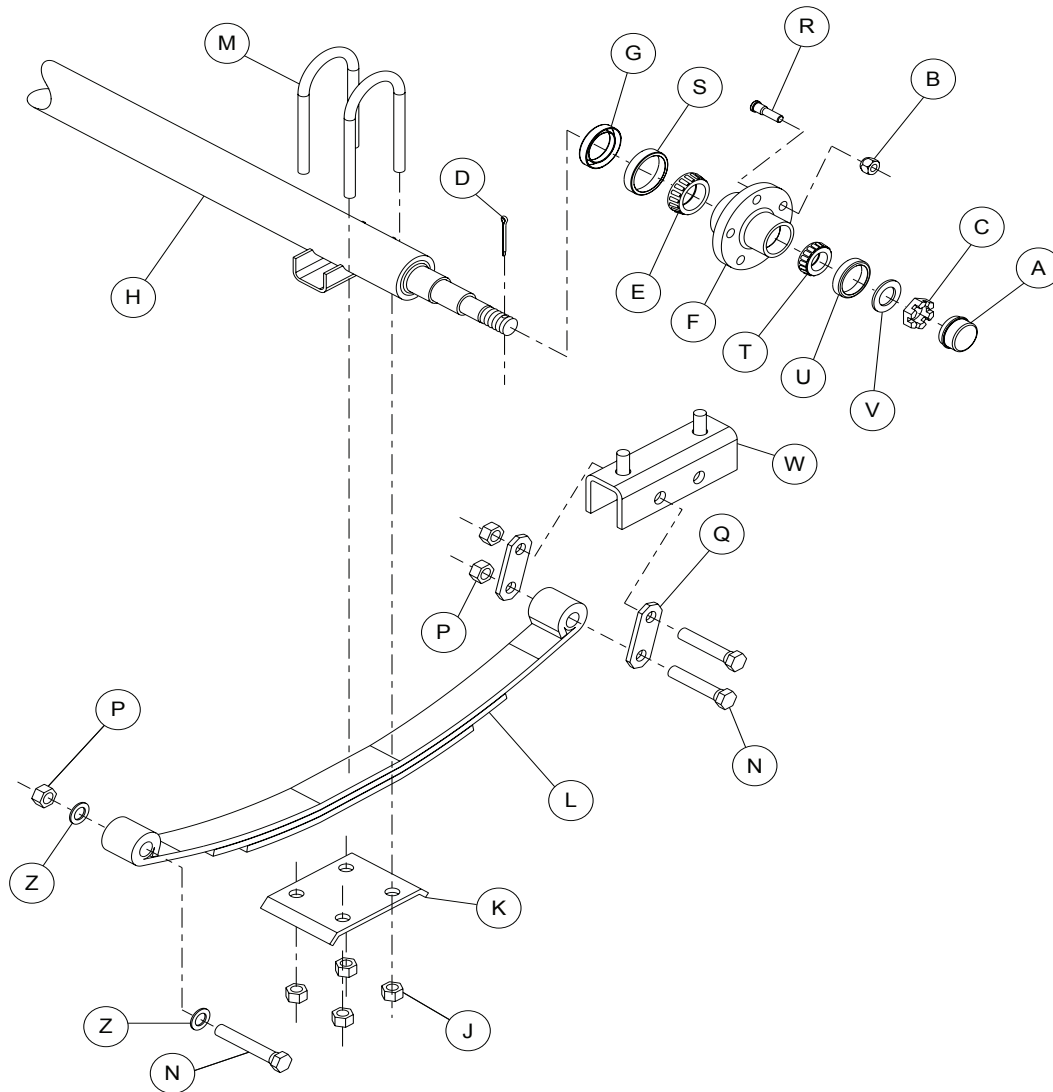
Drawbar Assembly



22902458_010_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
Y	36923407	Jack, Outrigger	2	<i>.....Continued</i> M6 - 1.0 X 14 9" M8 - 1.25 X 20
Z	92368687	Screw	2	
A1	36848224	Pin	2	
A2	22876379	Running Gear	1	
A3	36073542	Tire & Wheel Assembly	2	
A4	22246268	Tire	1	
A5	35292986	Wheel	2	
A6	35282565	Stem, Valve	1	
A7	36923662	Handle, Winch	1	
A8	35279025	Screw	8	
A9	36796068	Tube, Mounting	1	
A10	22382949	Bracket, Support	1	

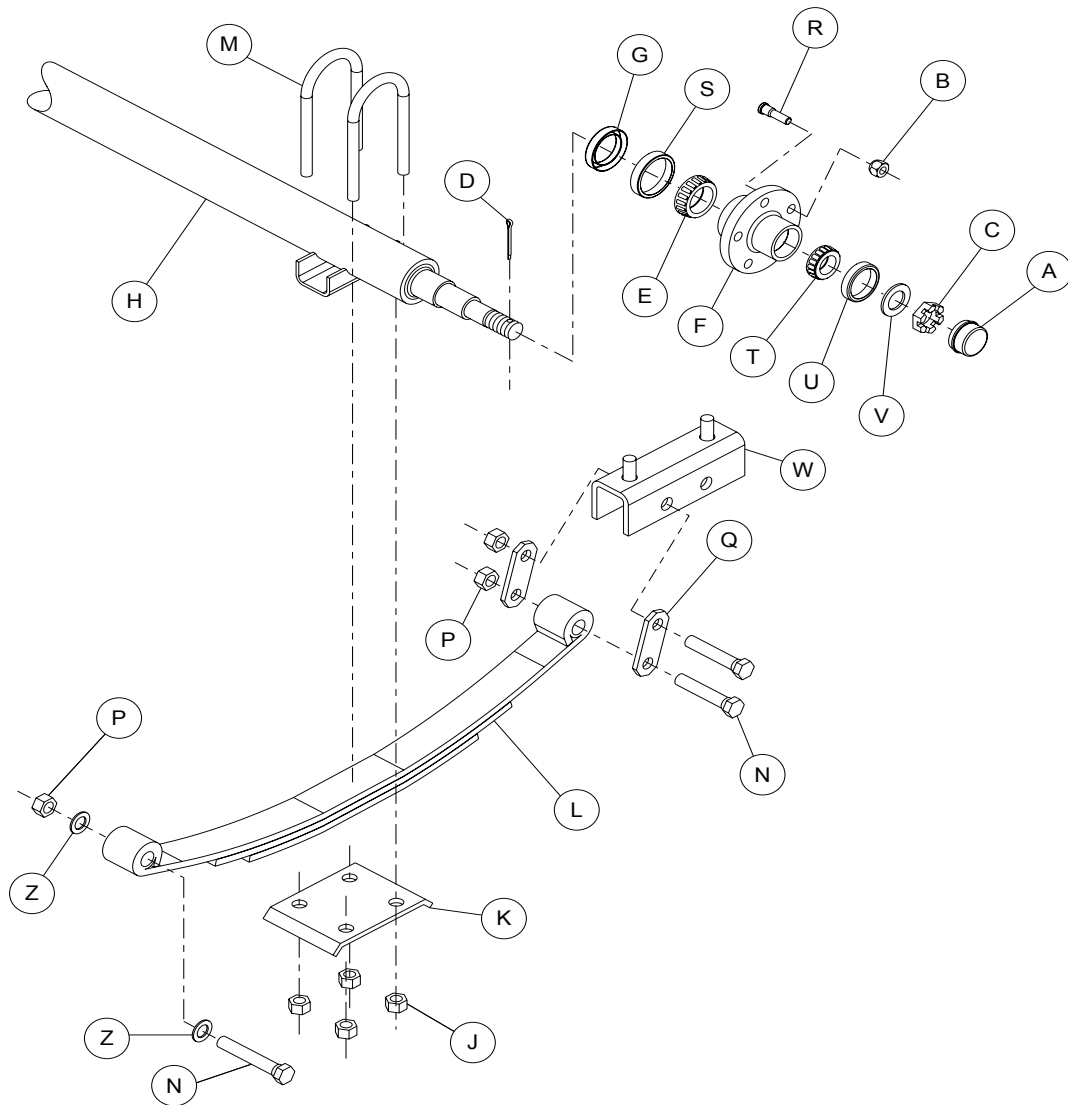
Running Gear Assembly



22902458_011_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22885073	Cap	2	<i>Continued....</i>
B	35315274	Nut, Wheel	10	
C	22885057	Nut, Spindle	2	
D	22885065	Pin, Cotter	2	
E	22884993	Cone, Bearing Inner	2	
F	22885032	Hub Assembly	2	
G	22884985	Seal, Grease	2	
H	22884977	Beam, Axle	1	
J	22885115	Nut, U-Bolt	8	
K	22885099	Plate, Tie	2	
L	22885123	Spring, Double Eye	2	
M	22885107	U-Bolt	4	

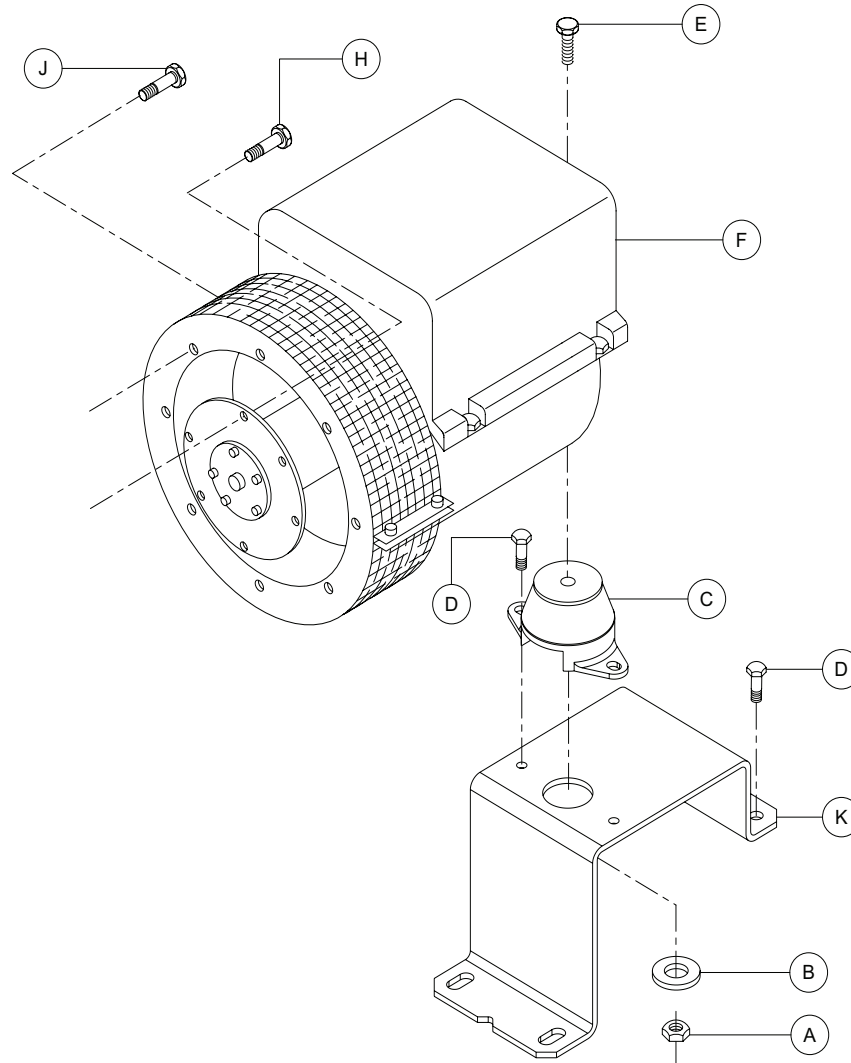
Running Gear Assembly



22902458_012_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	22888291	Bolt, Front	6	 <i>Continued</i>
P	22888309	Nut, Top Lock	6	9/16" - 18 X 3 1/2"
Q	22885156	Shackle	4	9/16" - 18
R	22885081	Stud, Wheel	4	9/16" - 18 X 3"
S	22885008	Cup, Bearing Inner	2	
T	22885016	Cone, Bearing Outer	2	
U	22885024	Cup, Bearing Outer	2	
V	22885040	Washer	2	
W	22885081	Stud	10	

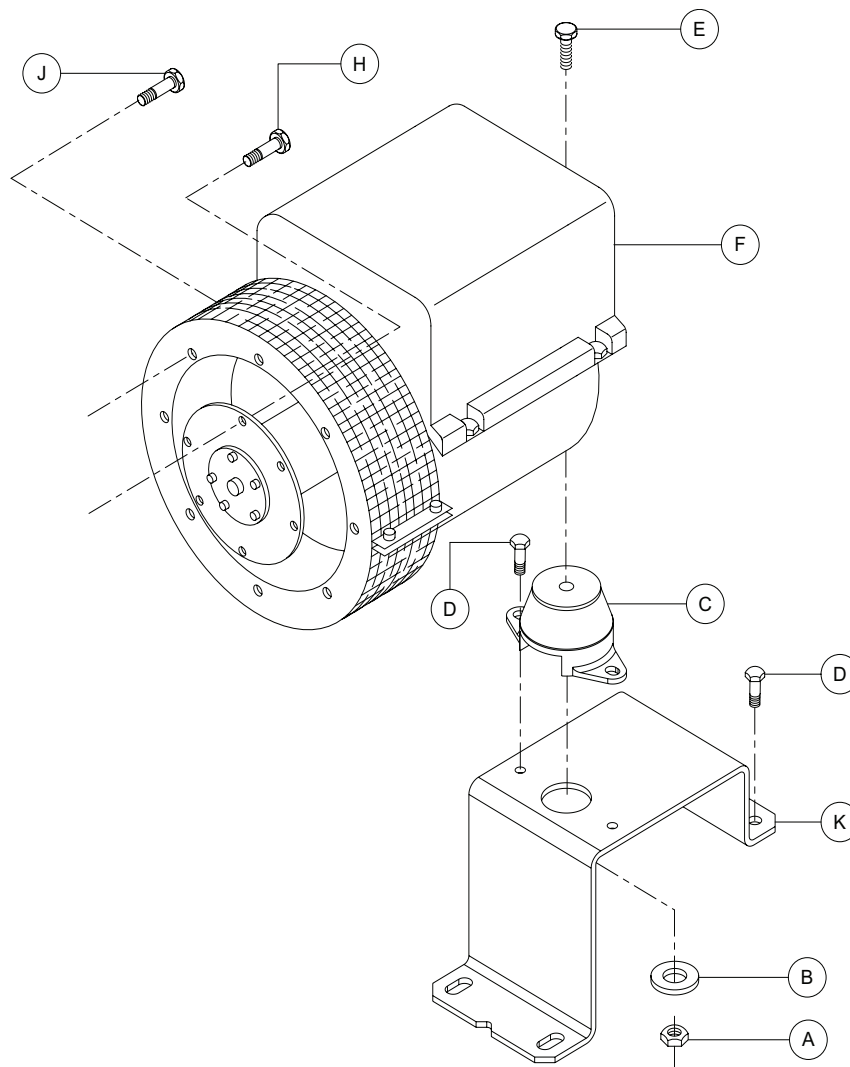
Generator and Mounting - Serial Code: D47



22902458_013_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35273366	Nut	1	M10 - 1.5
B	36899037	Washer	1	
C	36875565	Isolator, 250 lb	1	
D	35279025	Screw	5	M8 - 1.25 X 20
E	96730411	Screw	1	M10 - 1.5 X 60
F	22389381	Generator	1	6KW
G	22515753	Relief, Strain	1	
H	95067864	Screw	6	5/16" - 18 X 3/4"
J	95920674	Screw	8	3/4" - 16 X 1"
K	22389373	Support, Generator	1	
L	36888915	Connector, Strain Relief	1	
		Parts Not Illustrated		
	22819031	Kit, Capacitor 22.5 uF	1	
	22819007	Instructions	1	
				Continued.....

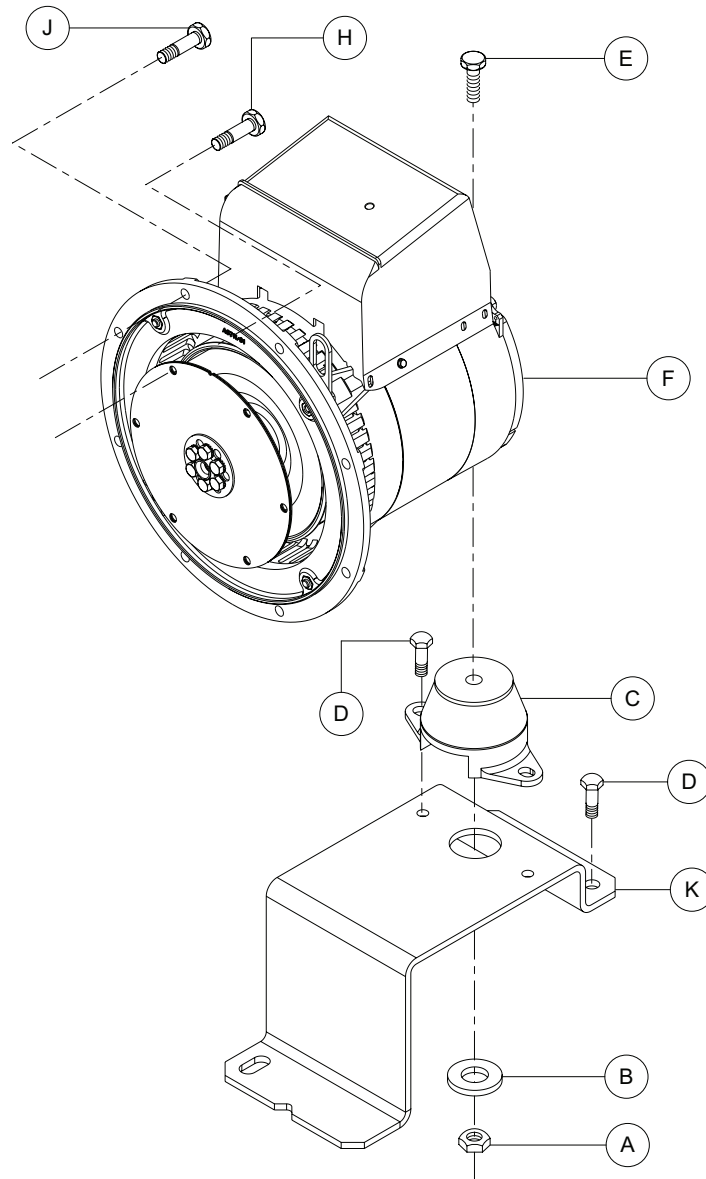
Generator and Mounting - Serial Code: D47



22902458_013_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
		Parts Not Illustrated		 <i>Continued</i>
	22819023	Capacitor	2	
	22891857	Block, Terminal	1	
	22891790	Bearing, NDE	1	
	22891808	Kit, Diode	1	
	22891816	Bolt, Rotor	1	
	22891824	Cover, Top	1	
	22891832	Cap, End	1	
	22891840	Fan	1	

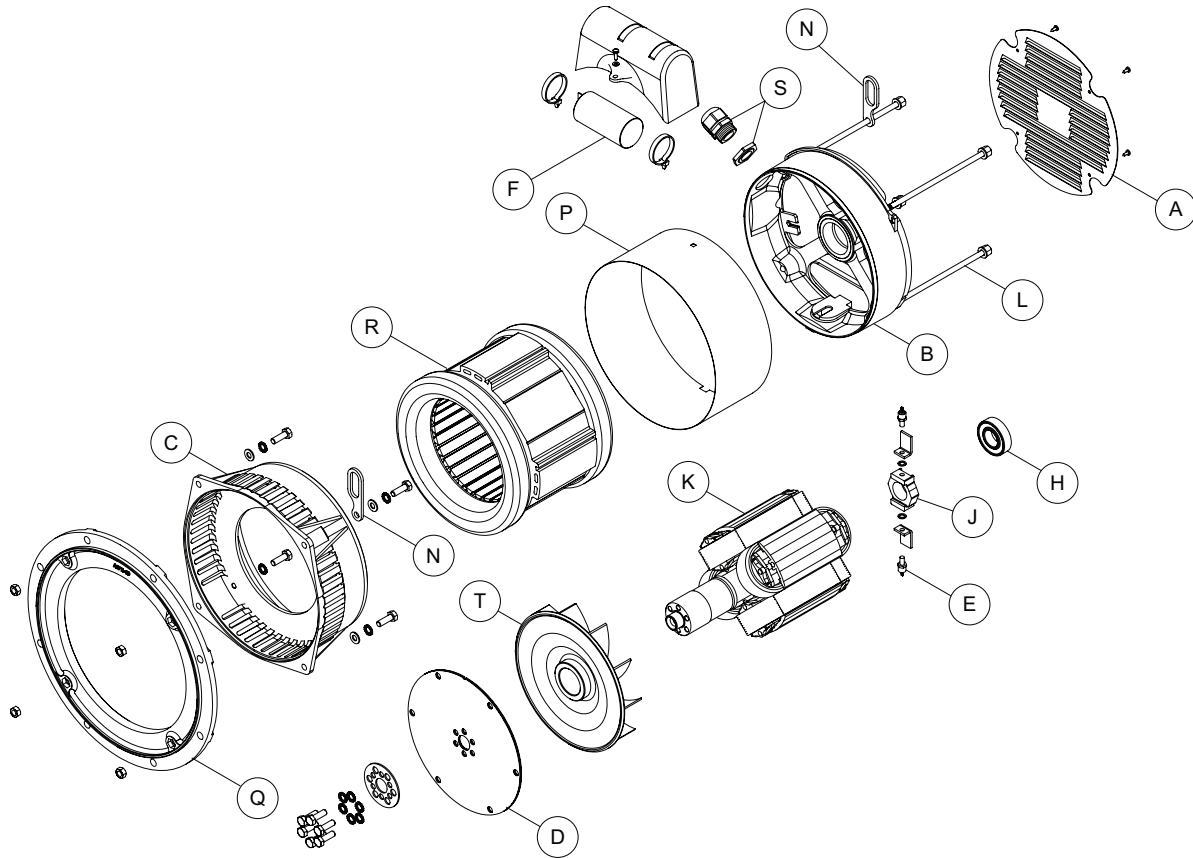
Generator and Mounting - Serial Code: D56



22902458_013_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35273366	Nut	1	M10 - 1.5
B	36899037	Washer	1	
C	36875565	Isolator, 250 lb	1	
D	35279025	Screw	5	M8 - 1.25 X 20
E	96730411	Screw	1	M10 - 1.5 X 60
F	22810618	Generator	1	6KW
G	36888915	Connector, Strain Relief (Not Shown)	1	
H	95067864	Screw	6	5/16" - 18 X 3/4"
J	95920674	Screw	8	3/4" - 16 X 1"
K	22809313	Support, Generator	1	

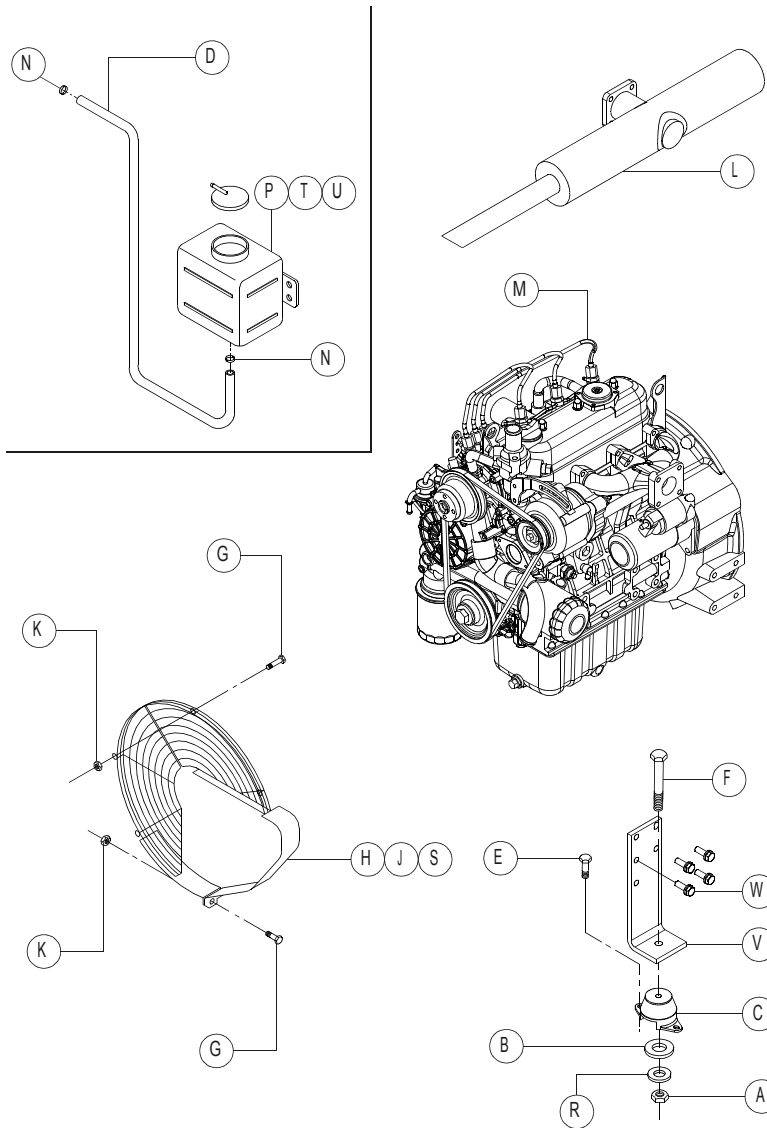
Generator Internal Parts - Serial Code: D56



22902458_013_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	23278906	Seal, Rear	1	
B	23278914	Bracket, NDE	1	
C	23278922	Bracket, DE	1	
D	23278989	Plates, Disc Ring	3	
E	23278963	Diodes	2	
F	23278997	Capacitor	1	
G	46543104	Board, Terminal (Not Shown)	1	
H	23278955	Bearing, Rear	1	
J	23279037	Support, Diode Heat Sink	1	
K	23278930	Rotor Assembly	1	
L	23278971	Bolt, Cover Stay	1	
M	23279060	Cover, Top (Not Shown)	1	
N	23276052	Hook, lifting	1	
P	23279003	Band, Closing	1	
Q	23279011	Flange, Interchangeable	1	
R	23279029	Stator, Wound	1	
S	23279045	Nut, Cable Gland	1	
T	23278948	Fan	1	

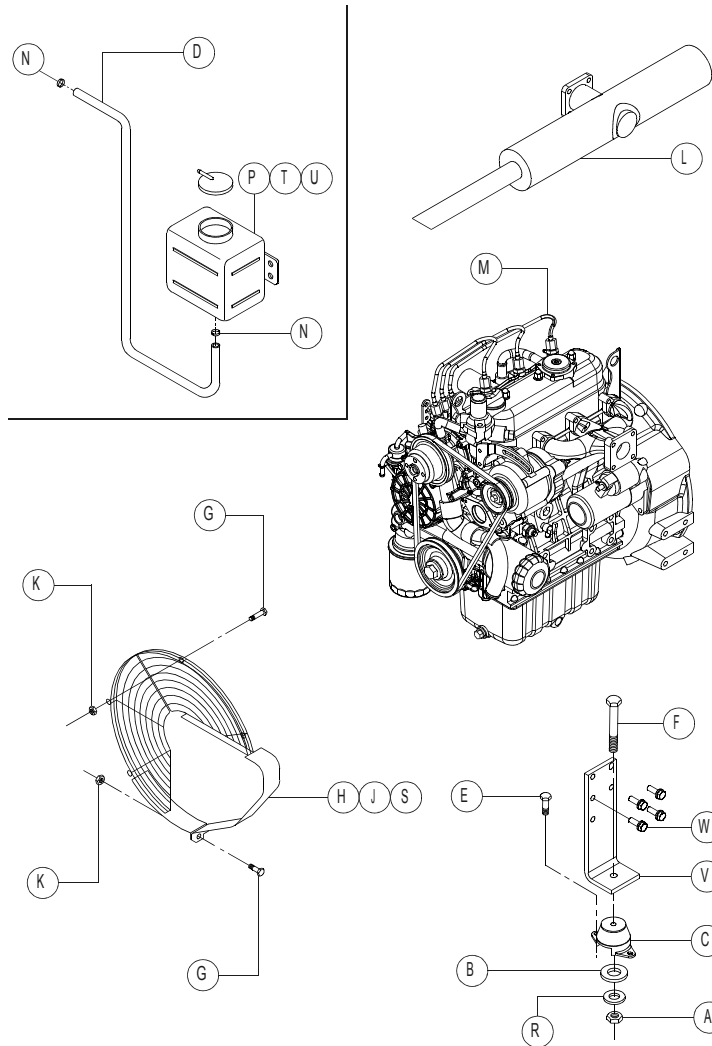
Engine Assembly



22902458_014_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35273366	Nut	2	M10 X 1.5
B	36899037	Washer	2	
C	36875565	Isolator, 250 lb	2	
D	35225077	Clamp, Support	1	
E	35279025	Screw	4	M8 - 1.25 X 20
F	96730411	Screw	2	M10 - 1.50 X 60
G	36898096	Screw	6	M6 -1.0 X 20
H	36868727	Guard, Fan	1	
J	36871614	Bracket, Mounting	1	
K	36898104	Nut	6	M6 - 1.0
L	22258446	Muffler	1	
				Continued.....

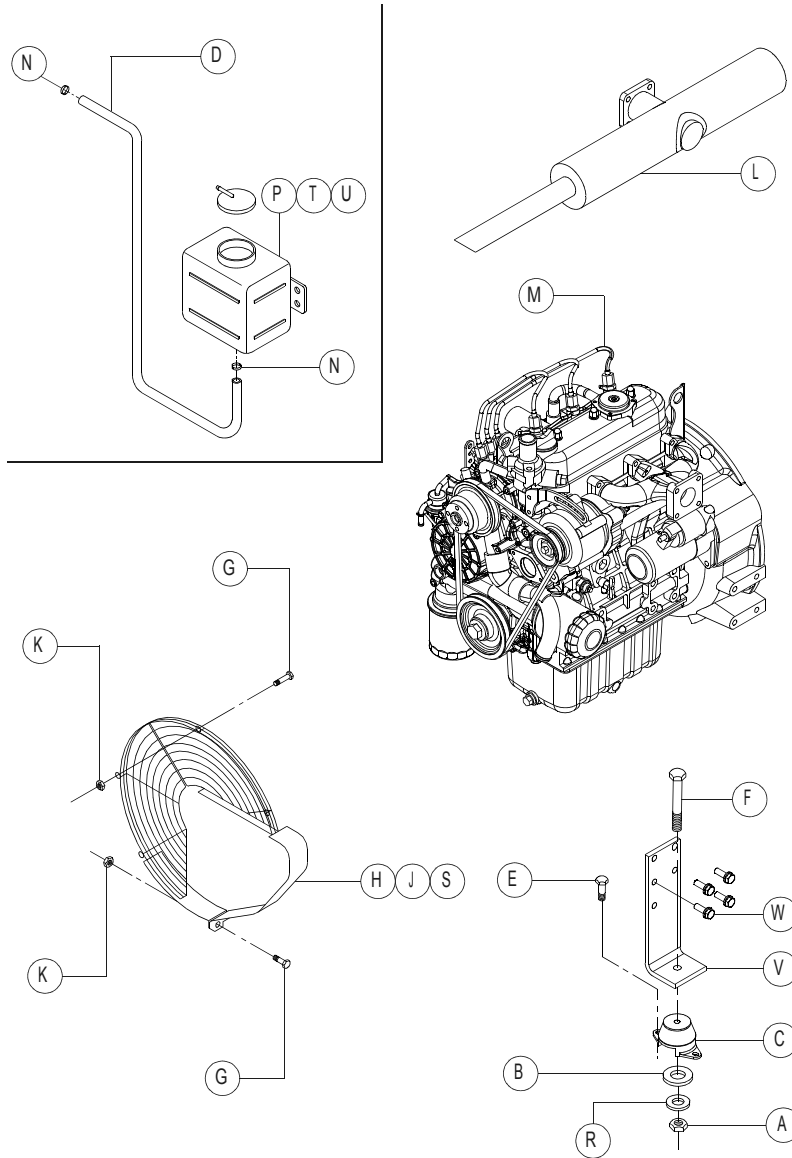
Engine Assembly



22902458_015_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
M	22439889	Engine, Kubota Tier 2	1	 Continued
	22439897	Engine, Kubota Tier 2	1	Serial Code: C13
	23173198	Engine, Kubota Tier 4	1	Serial Code: C14
	46546461	Engine, Kubota Tier 4	1	Serial Code: D47, D56
	46553988	Engine, Kubota Tier 4	1	Serial Code: D92
N	35296342	Clamp	2	Serial Code: D98
P	36884948	Bottle, Coolant	1	
Q	35363498	Hose		32"
R	35273366	Washer	2	
S	92368687	Screw (Fan to Guard)	2	M6 - 1.0 X 14
T	35179025	Screw	2	M8 - 1.25 X 25
U	36881886	Nut	2	M8 - 1.25
V	46541504	Bracket, Engine Mount	2	
W	46551868	Screw	8	M10 - 1.25 X 30
				Continued.....

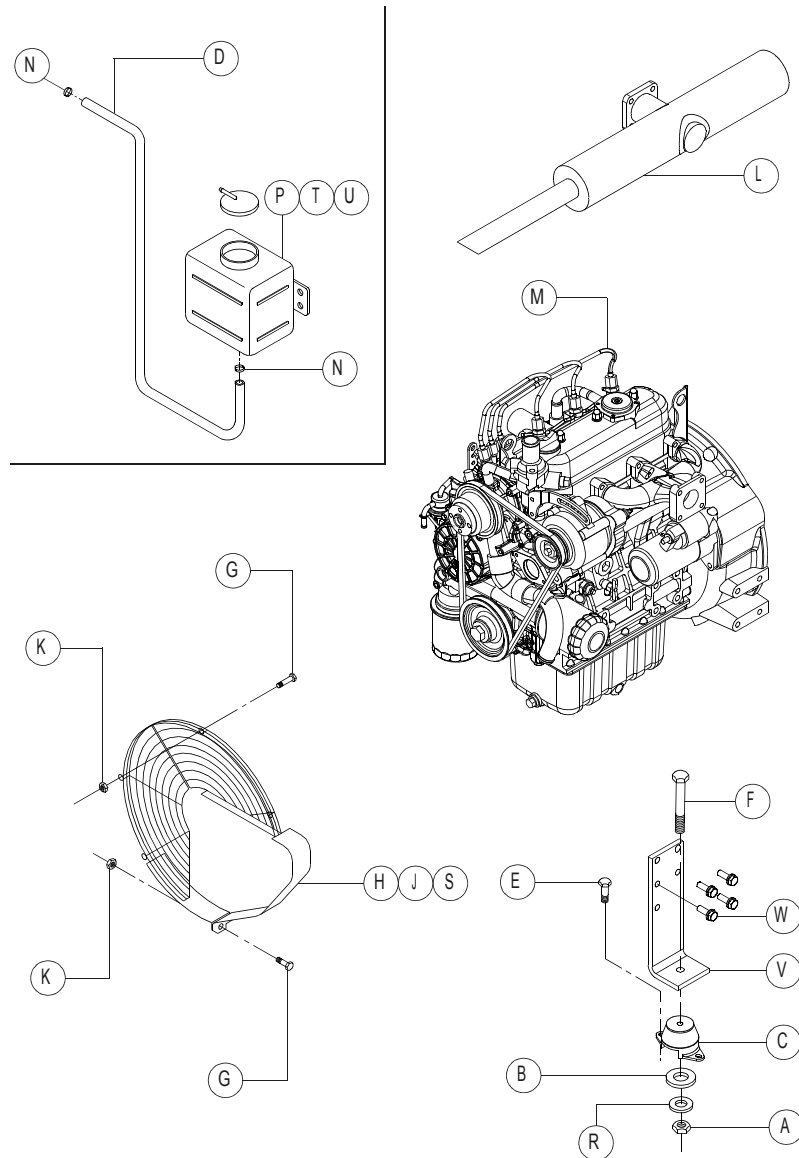
Engine Assembly



22902458_016_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
X	36870574	Parts Not Illustrated		Continued 12 PSI Serial Code: D98 Continued.....
Y	36870566	Filter, Engine Oil		
Z	22173561	Filter, Engine Fuel		
A1	36890135	Filter, Engine Air Complete		
A2	36878379	Element, Air Filter		
A3	36868479	Switch		
A4	36868479	Switch, Water Temp.		
A5	44004539	Kit, Solenoid		
A6	36888170	Alternator		
A7	36888501	Engine Fan		
A8	23350549	Harness, Engine		
A8	46553992	Harness, Engine		

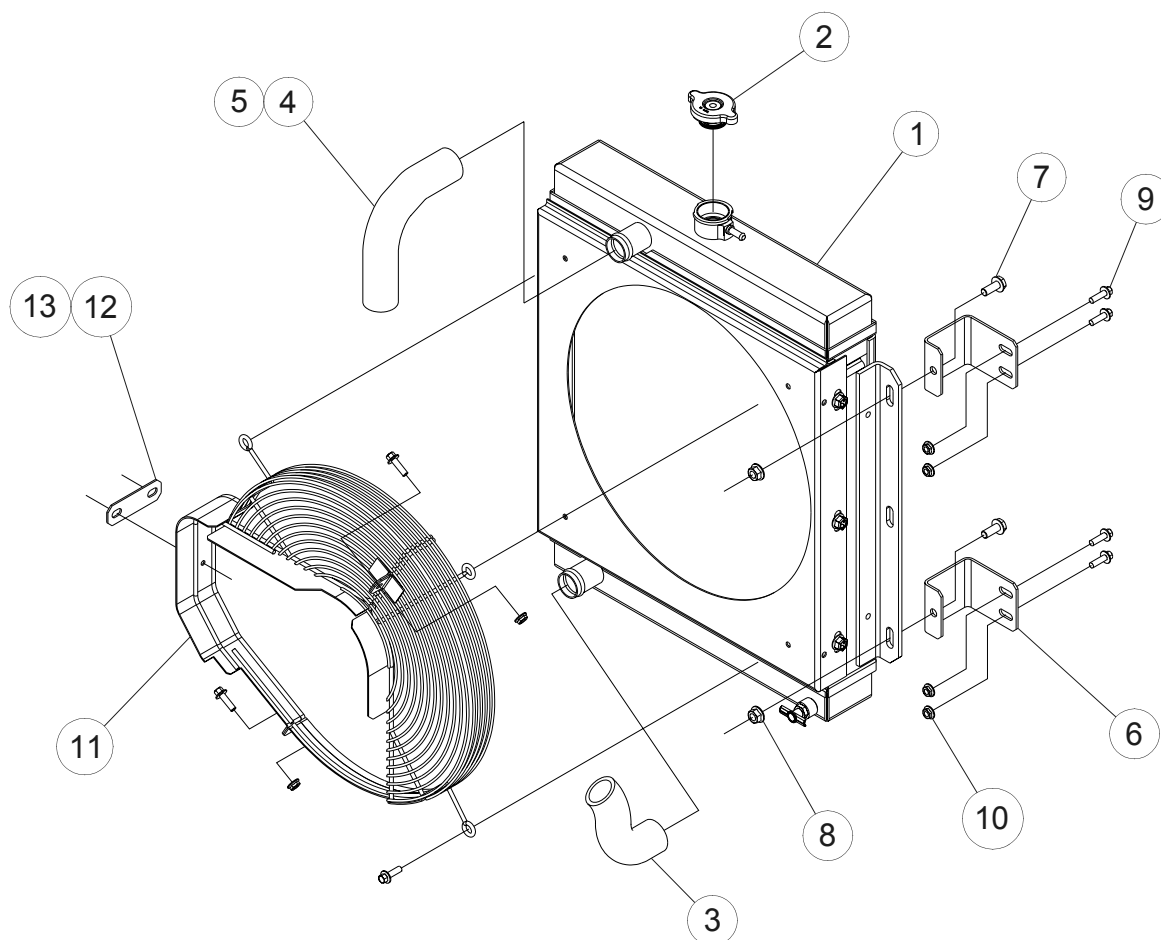
Engine Assembly



22902458_017_05/06_A

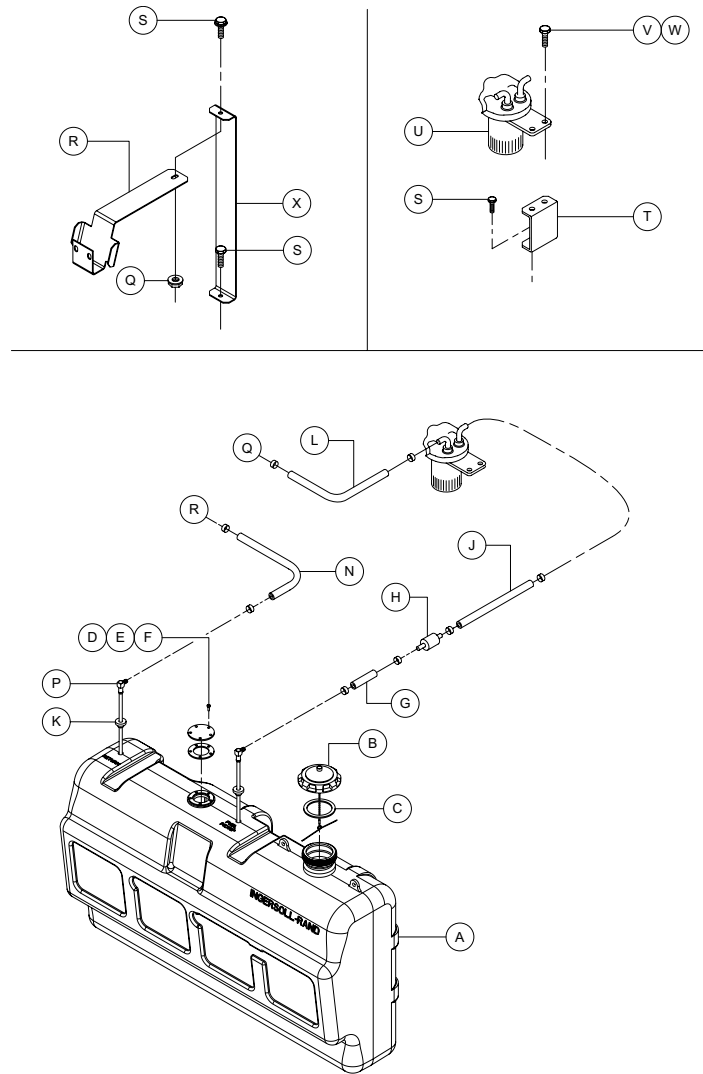
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A9	36888477	Parts Not Illustrated		 Continued
B1	36888485	Radiator Bottom Hose		
B2	36888493	Hose Clamp		
B3	15908098	Fan Belt		Prior to S/N: 383711 After S/N: 383711
B4	22986517	Fan Belt		
B5	22986517	Starter		
B6	36888451	Radiator		Prior to S/N: 383711
B7	22988885	Cap, Radiator		Prior to S/N: 383711
B8	23083405	Radiator, Aluminum		After S/N: 383711
B9	23084338	Cap, Radiator		After S/N: 383711
C1	36888469	Radiator Top Hose		
C2	22988885	Cap, Radiator		Prior to S/N: 383711
	23084338	Cap, Radiator (for Aluminum Radiator)		After S/N: 383711

Radiator - Serial Code: D92



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
1	46545695	Radiator Assy	1	
2	46548715	Cap, Radiator	1	
3	46541579	Hose, Radiator - Lower	1	
4	46541561	Hose, Radiator - Upper	1	
5	46548152	Clamp, Hose	4	
6	46542171	Bracket, Radiator	4	
7	92398130	Screw	4	M8 - 1.25 X 20
8	36881886	Nut	4	M8 - 1.25
9	36898096	Screw	13	M6 - 1.0 X 20
10	36898104	Nut	10	M6 - 1.0
11	46546032	Guard, Radiator	1	
12	46547295	Bracket, Radiator Guard	1	
13	92368687	Screw	1	M6 - 1.0 X 14

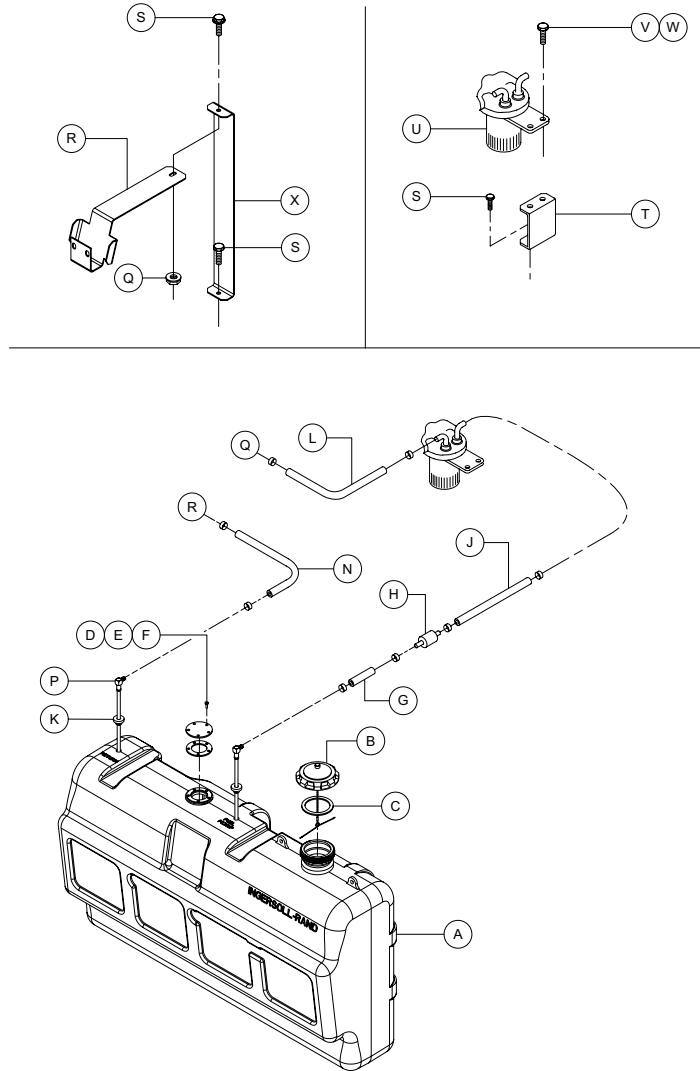
Fuel Tank and Piping



22902458_018_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36881100	Tank, Fuel	1	
B	36885564	Cap, Fuel Tank	1	
C	35385111	Gasket	1	
D	95916532	Screw	5	
E	36792828	Cover	1	
F	35361849	Gasket	1	
G	35363498	Hose	1	4"
H	36845493	Filter, Inline	1	
J	35363498	Hose	1	24"
K	35384577	Bushing	2	
L	35363498	Hose	1	30"
M	35296342	Clamp	10	
				Continued.....

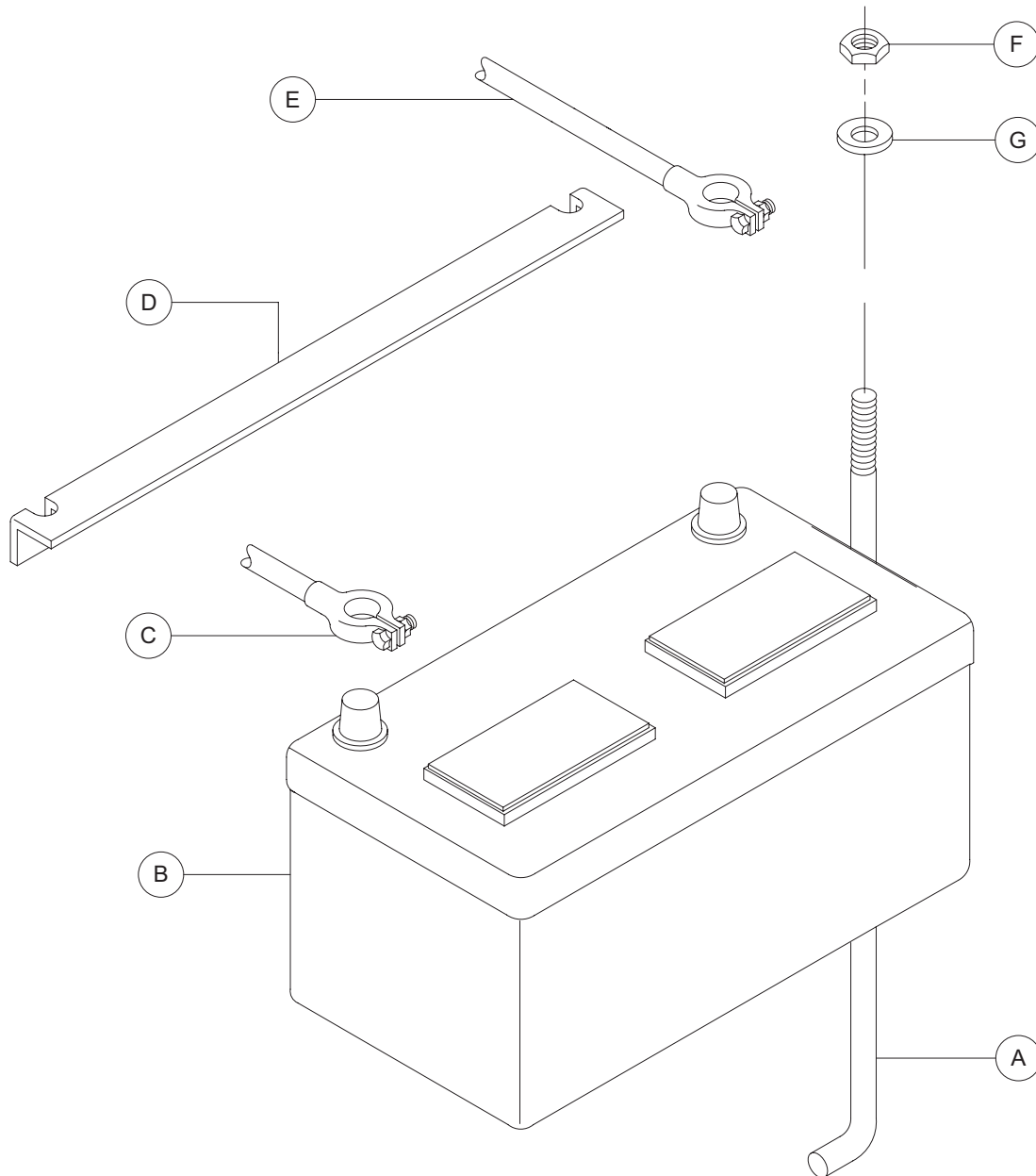
Fuel Tank and Piping



22902458_019_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
N	35282078	Hose	1	 Continued 24"
P	35392307	Fuel Tank Pipe Assembly	2	
Q	36881886	Nut	1	M8 - 1.25
R	22260905	Strap, Top	1	
S	35279025	Screw	4	M8 - 1.25 X 20
T	36923274	Bracket, Filter	1	
U	36870566	Filter, Engine Fuel	1	
V	36889608	Screw	2	M8 - 1.25 X 25
W	36881886	Nut	2	M8 - 1.25
X	22262315	Strap, Vertical	1	
	35384593	Parts not Illustrated Elbow, Barbed		

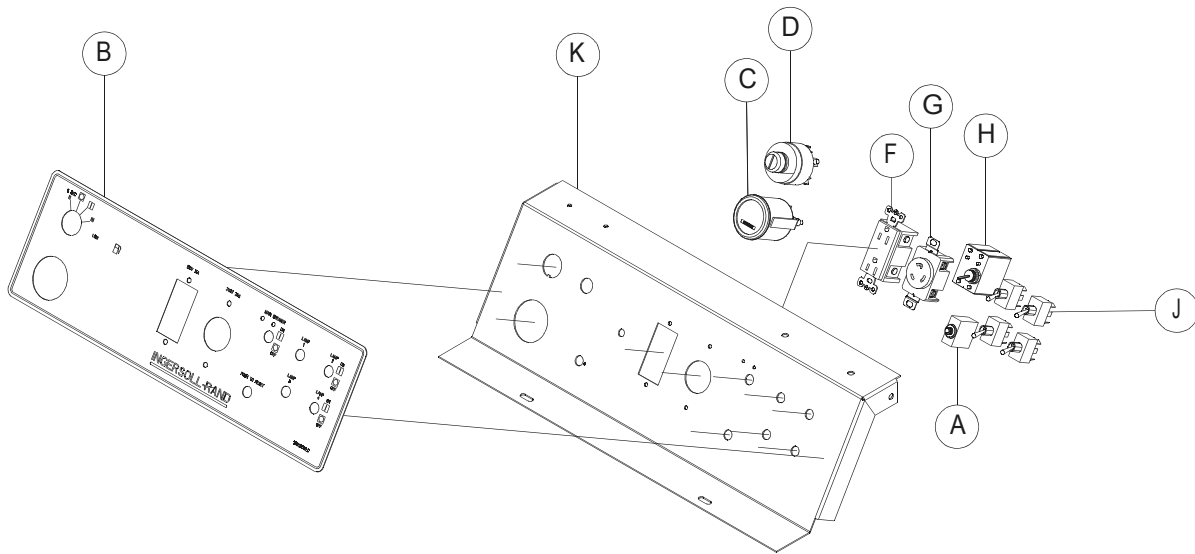
Battery and Mounting



22902458_021_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36923282	J-Bolt	2	
B	22246797	Battery 600CCA	1	12 V
	36844975	Battery 1000CCA (Optional)	1	12V
C	36892685	Cable, Negative	1	37"
D	36853257	Angle	1	
E	35516582	Cable, Positive	1	48"
F	95923298	Nut	2	
G	36853265	Washer, Plastic	2	
H	35578194	Strap, Ground (Not Illustrated)	1	

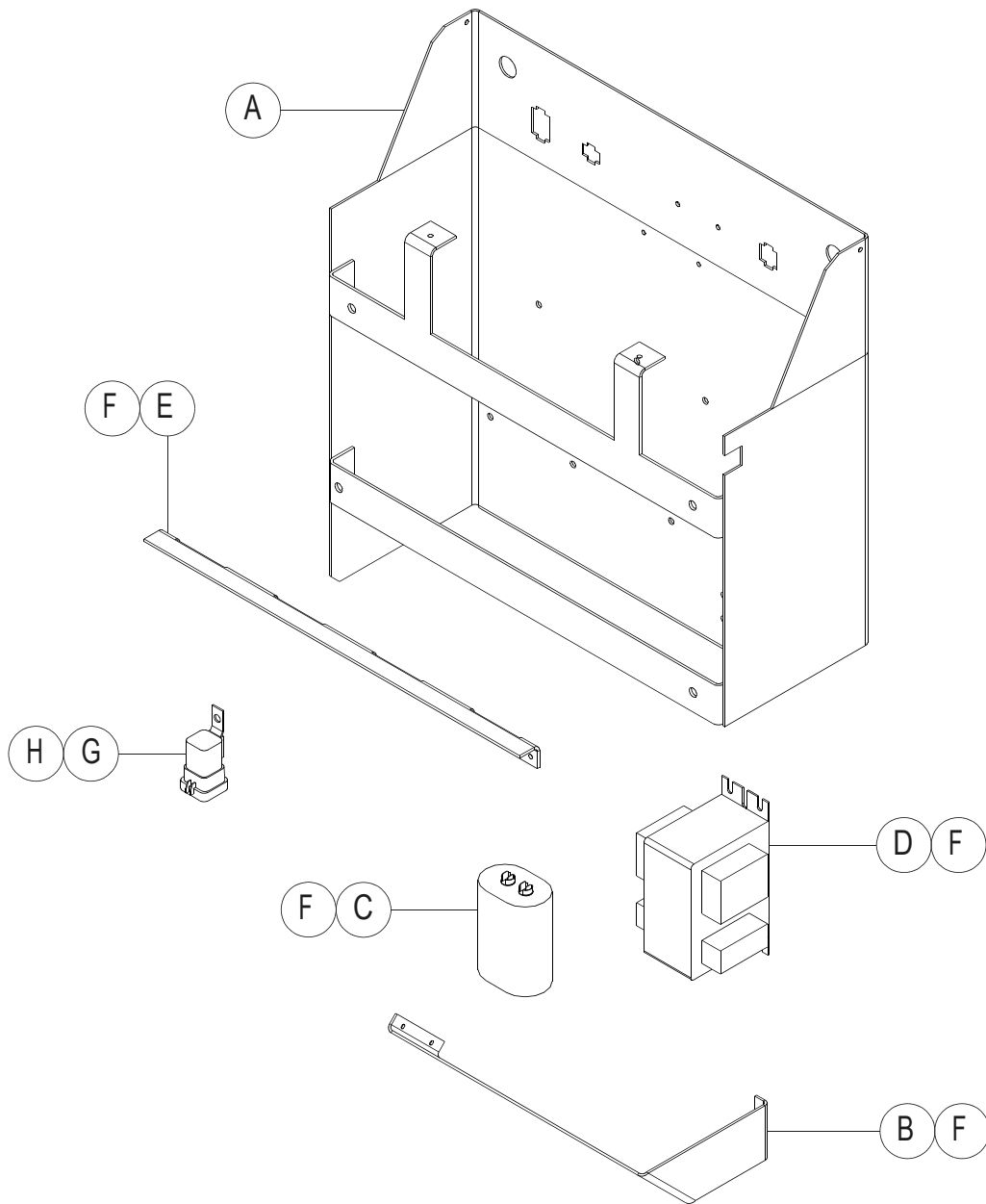
Instrument / Control Panel Assembly



22902458_022_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	35371772	Breaker, Circuit	1	20 AMP
B	54462353	Decal, Panel	1	
C	36841245	Hourmeter	1	
D	36786457	Switch, Key	1	
	35385533	Key	1	
E	36883825	Light, Low Fuel (Not Shown)	1	25 AMP
F	35371798	Receptacle	1	
G	36848752	Receptacle, Twist-LOC	1	
H	36875953	Breaker, Circuit	1	
J	35337435	Switch, Toggle	4	
K	36923084	Cover, Control Panel	1	

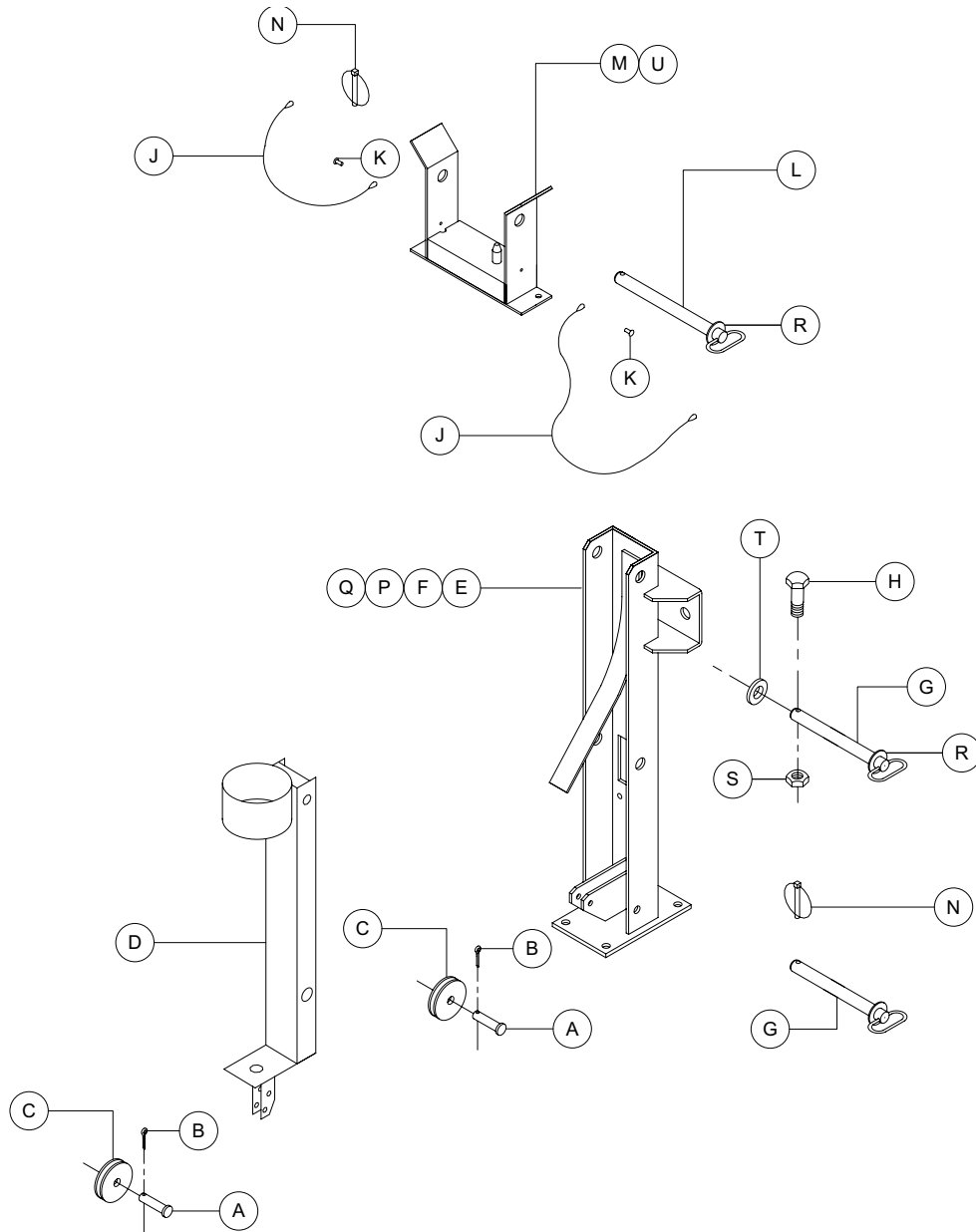
Ballast Box Assembly



22902458_023_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36923068	Box, Ballast	1	
B	36923076	Bracket, Capacitor	1	
C	36888683	Capacitor	4	
D	36883791	Ballast	4	
E	36923050	Bracket, Ballast Box	1	
F	36797652	Screw, Tapping	17	M6 -1 .0 X 12
G	36878361	Relay	1	
F	35279025	Screw, Tapping	1	M8 - 1.25 X 20
G	36878361	Relay - Serial Code: D98	1	
H	35279025	Screw, Tapping - Serial Code: D98	1	M8 - 1.25 X 20

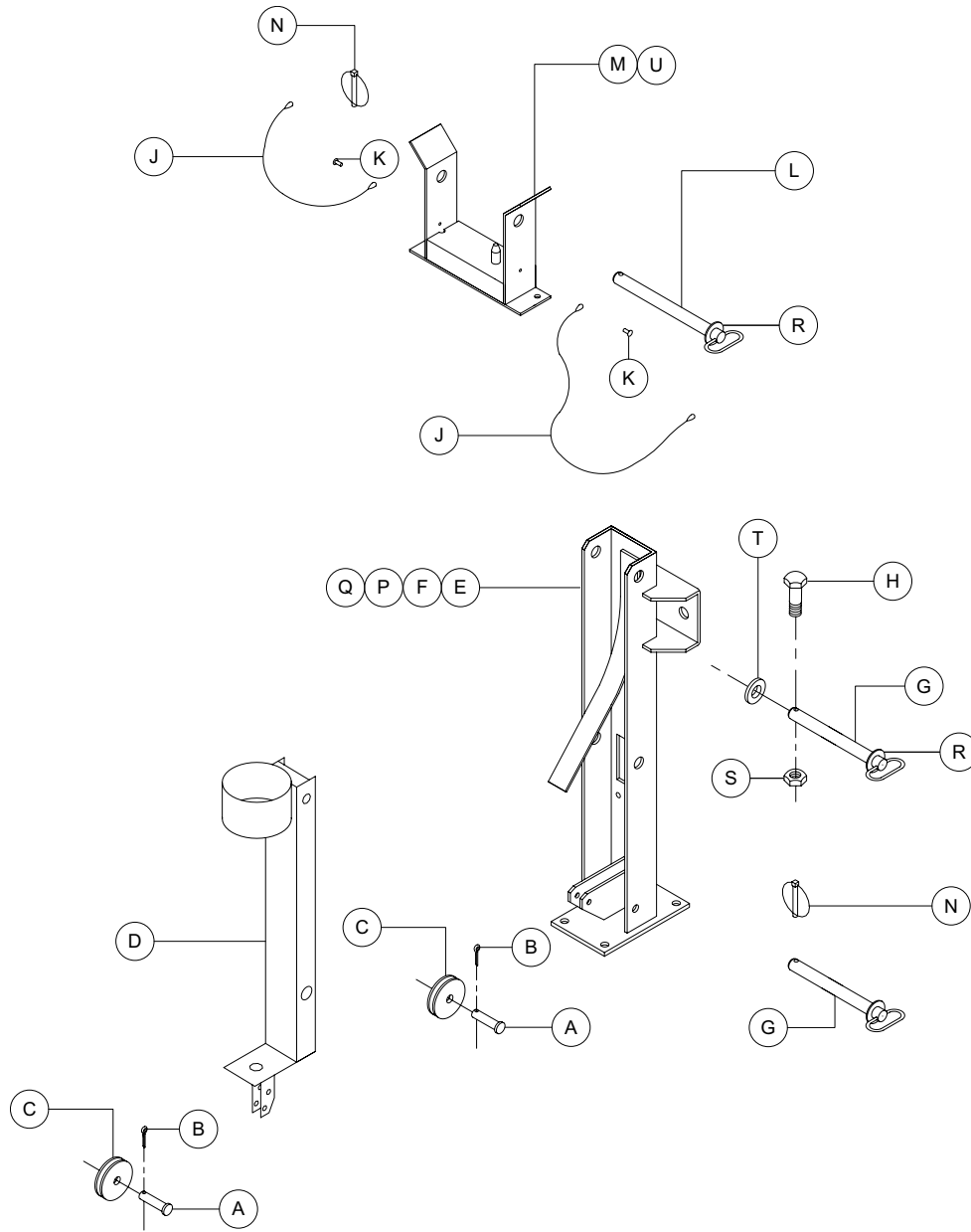
Tower Brackets



22902458_025_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36869246	Pin, Clevis	2	Continued.....
B	95928867	Pin, Cotter	2	
C	36783009	Pulley	2	
D	36885614	Support, TowerPivot	1	
E	36923258	Support, Tower	1	
F	36885549	Spring, Flat	1	
G	36869253	Pin	2	
H	35271170	Bolt	1	
J	36786218	Cable, Pin	3	

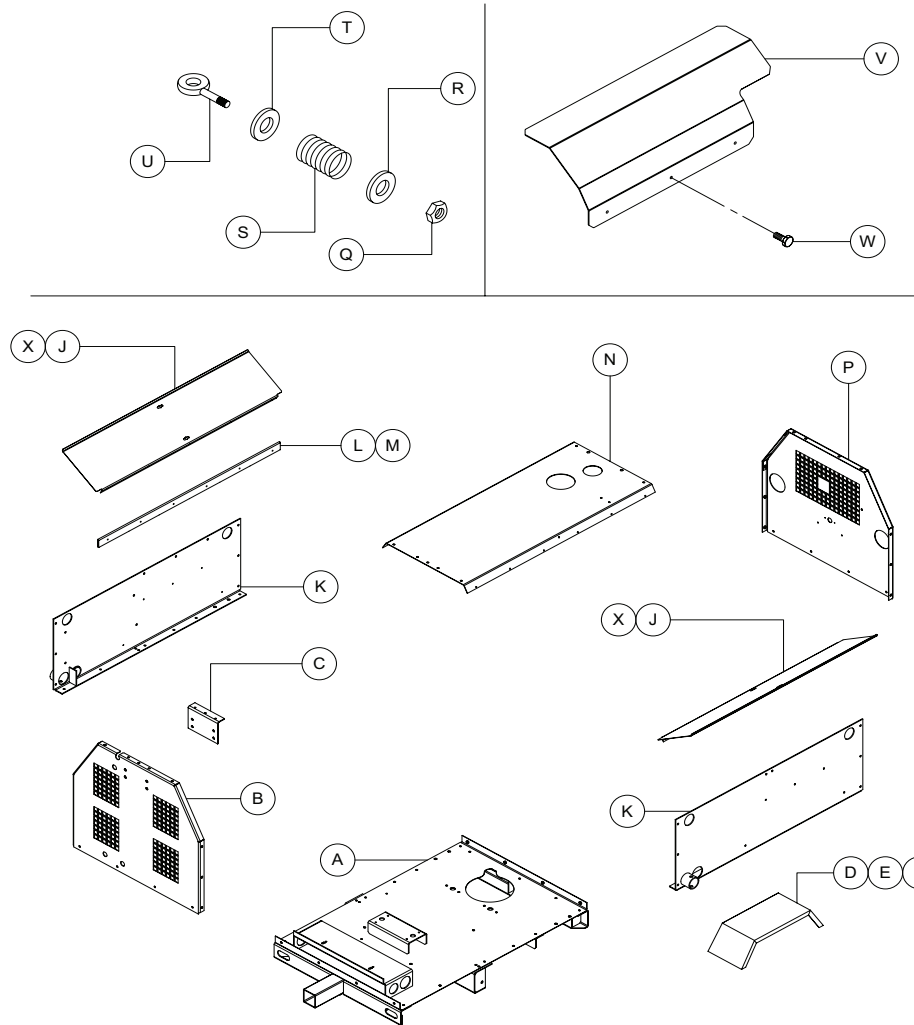
Tower Brackets



22902458_026_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
K	36843282	Rivet	3	Continued M8 - 1.25 M8 - 1.25 X 20
L	36870020	Pin	1	
M	36885697	Rest, Tower	1	
N	36794170	Pin, Spring	1	
P	36880995	Screw	2	
Q	36879195	Nut	2	
R	95935011	Washer	1	
S	36881886	Nut	2	
T	95928321	Washer	1	
U	35279025	Screw, Tapping	4	

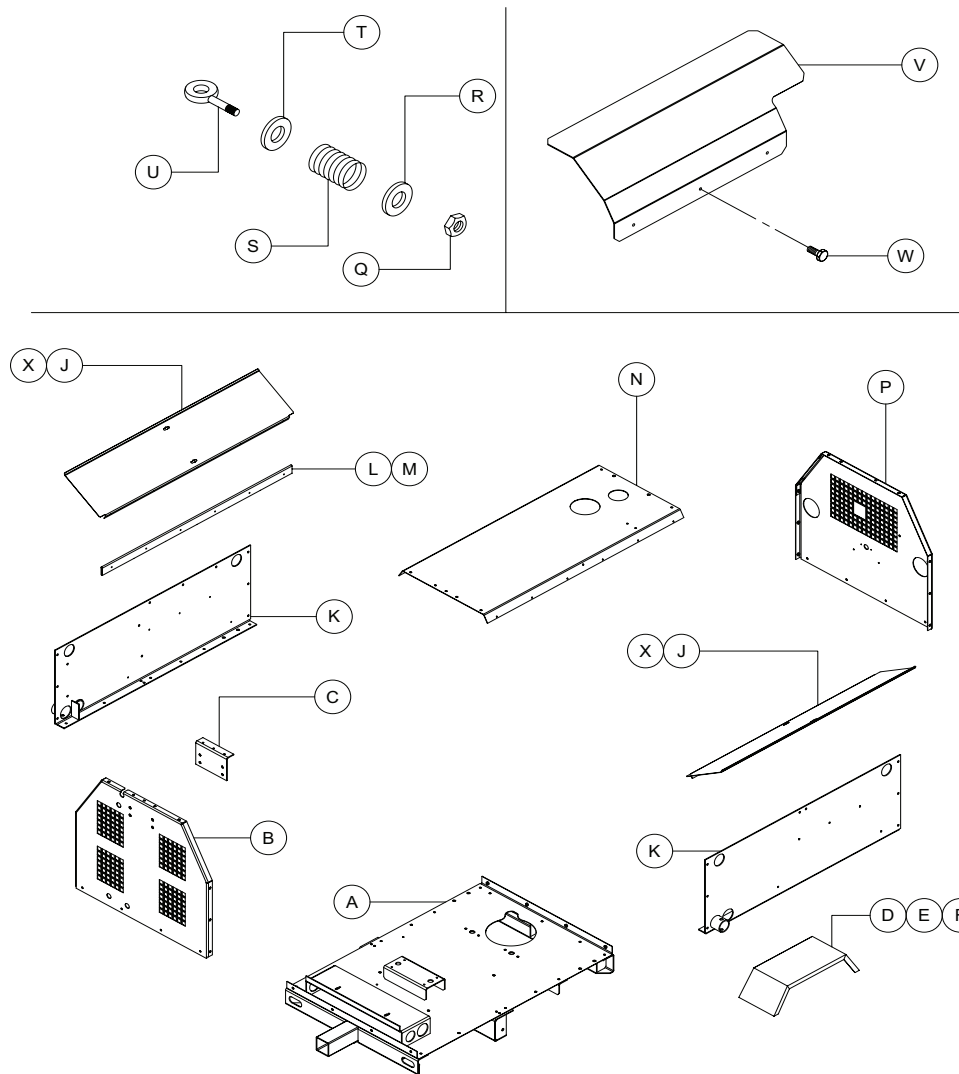
Frame and Enclosure



22902458_027_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36923209	Frame	1	
B	36923142	Panel, Front	1	
C	36923233	Support, Front Panel	1	
D	36877579	Fender	2	
E	96739313	Screw (L.H. Fender only)	5	M6 - 1.0 X 14
F	36898104	Nut (L.H. Fender only)	5	M6 - 1.0
G	92368687	Screw, Tapping (R.H. Fender only)	5	M6 - 1.0 X 14
H	22369052	Panel, L.H. Side	1	
J	36923183	Door	2	
K	36923225	Panel, R.H. Side (Prior to S/N: 388770)	1	
	23137284	Panel, R.H. Side (After S/N : 388770)	1	
L	36923175	Hinge	2	
M	36843282	Rivet	30	
N	36923167	Roof	1	
P	22267579	Panel, Rear	2	
				Continued.....

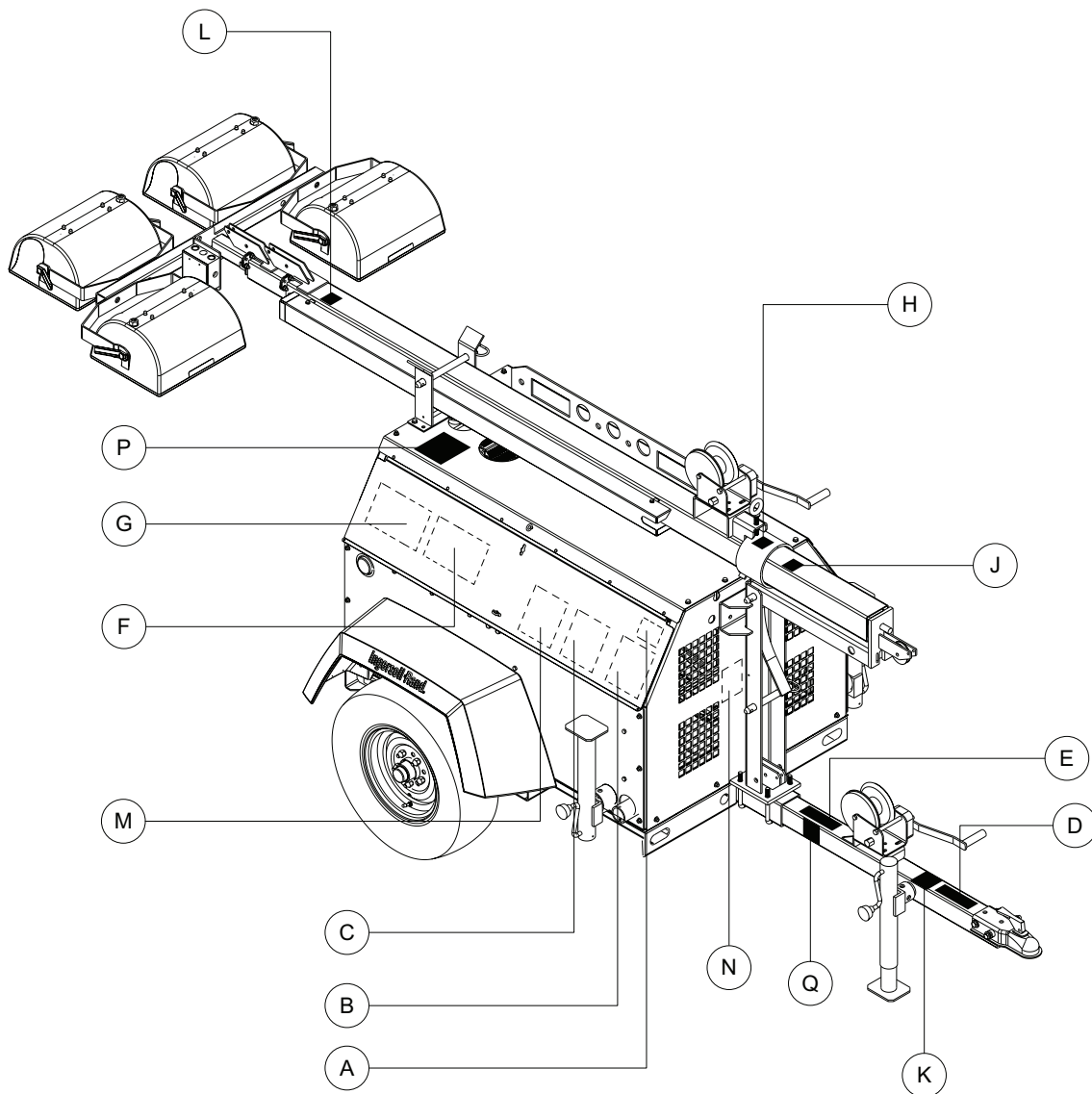
Frame and Enclosure



22902458_028_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
				Continued
Q	95923298	Nut	4	
R	36772028	Washer, Nylon	4	
S	35607837	Spring	4	
T	36923134	Bracket, Door Bolt	1	
U	35607829	Eyebolt	4	
V	22253470	Shield, Heat (Prior to S/N: 388717)	1	
	23137276	Shield, Heat (After S/N: 388717)	1	
W	35279025	Screw (Prior to S/N: 384249)	3	M8 - 1.25 X 20
	35300771	Screw (After S/N: 384249)	3	M6 - 1.0 X 20
X	54627617	Guard, Door Edge	4	24"
Y	35279025	Screw	37	M8 - 1.25 X 20
Z	36880995	Screw	4	M10 - 1.5 X 30
A1	36879195	Nut	4	M10 - 1.5

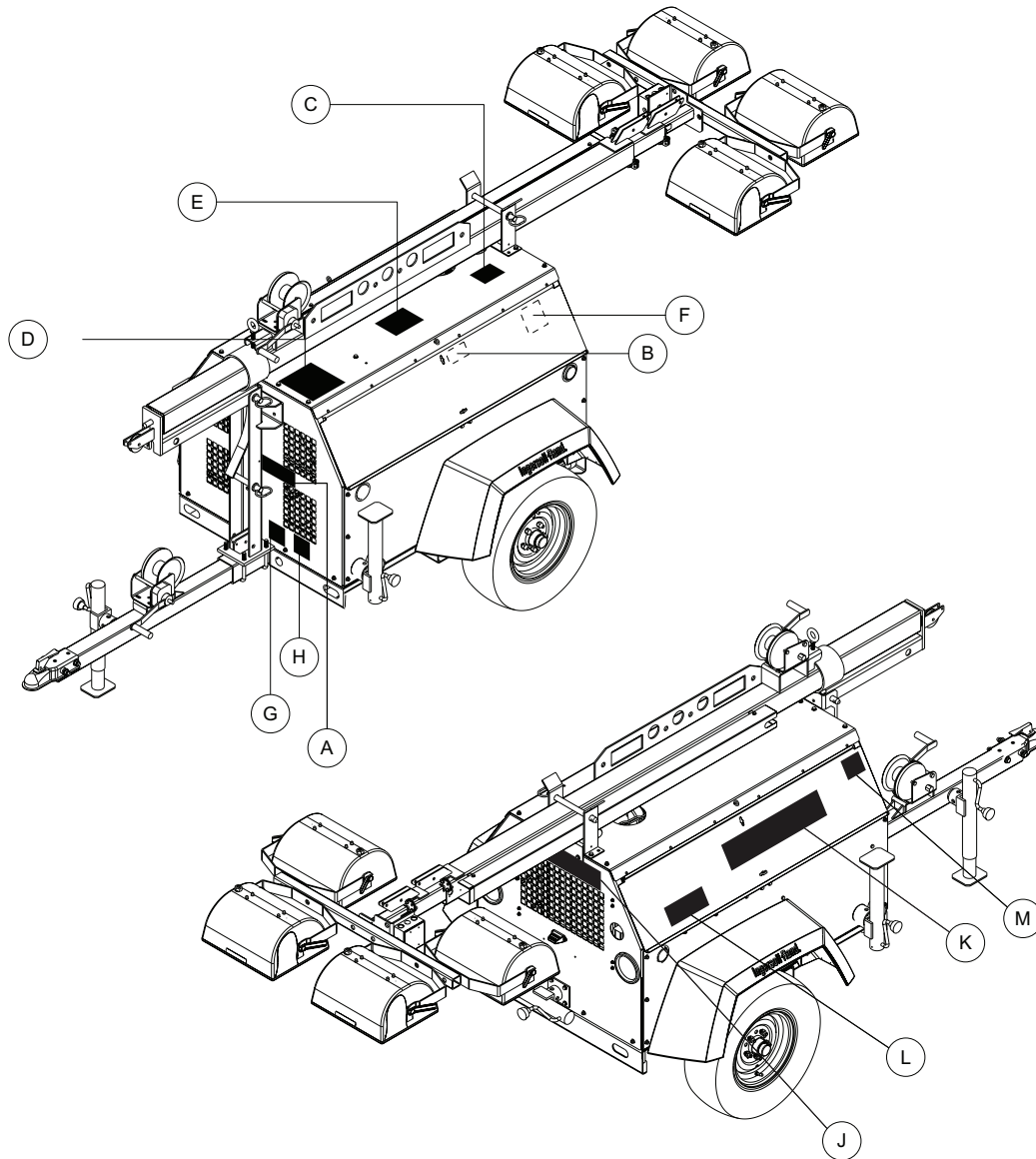
Decal Location



22902458_029_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	54568787	Decal, Improper Operation	1	
B	54630033	Decal, Operating Instructions	1	
C	36534667	Decal, General Data	1	
D	54568803	Decal, Collapsing Jack Stand	1	
E	54604921	Decal, Towing Notice	1	
F	54369806	Decal, Engine Wiring Diagram	1	
G	54369814	Decal, Generator Wiring Diagram	1	
H	36524304	Decal, Line Up Arrows	1	
J	54604947	Decal, Ultra Violet Radiation	1	
K	54604913	Decal, Ball Hitch	1	
L	36524353	Decal, Standard Straight	1	
M	54605027	Decal, Hazardous Voltage	1	
N	54568753	Decal, Combustible Gas	1	
P	54604962	Decal, Radiator Hot Fill	1	

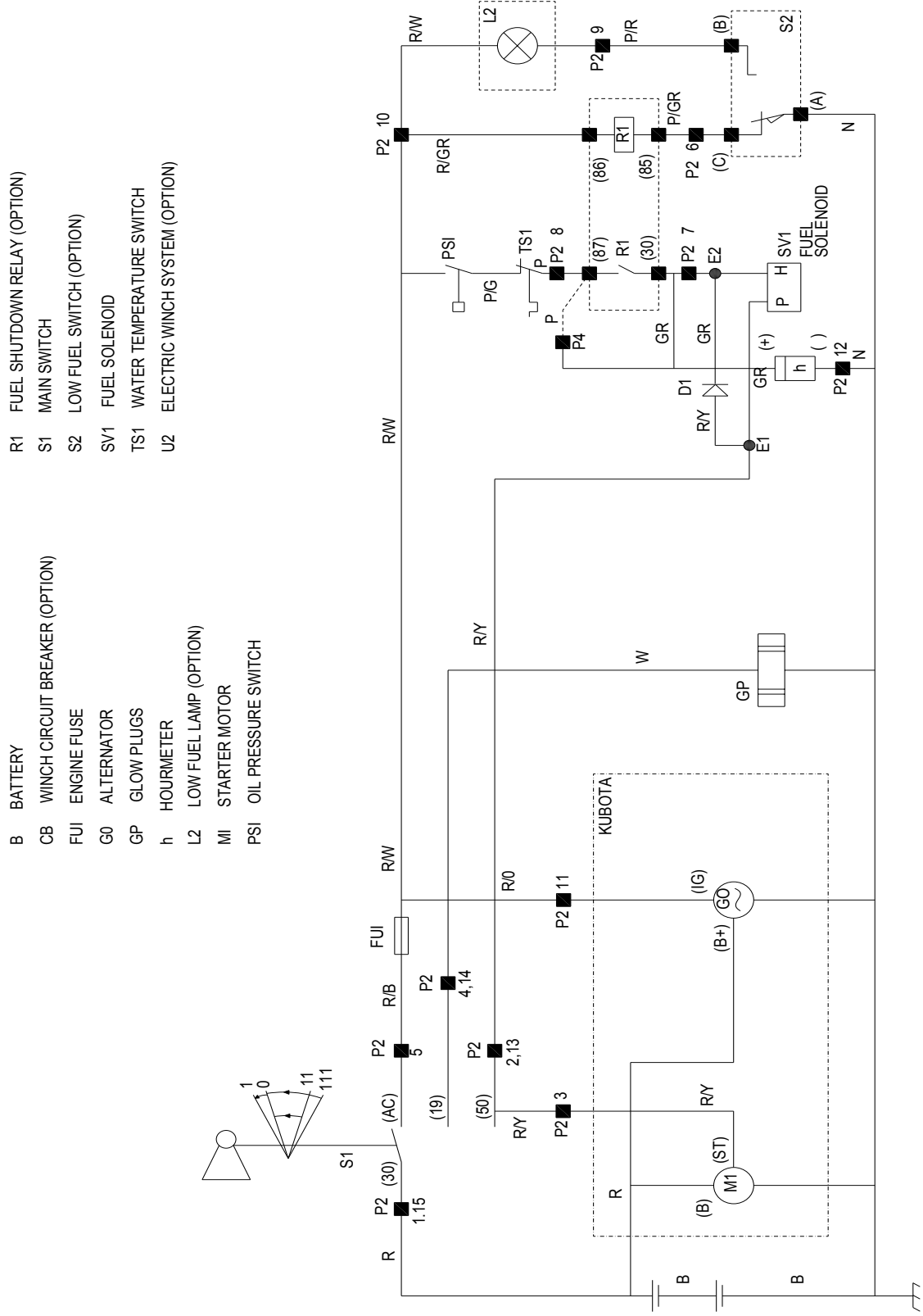
Decal Location



22902458_031_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22471114	Decal, 3 Part Warning	1	
B	54625207	Decal, ISO Diesel Fuel	1	
C	54568761	Decal, Hot Pressurized Fluid	1	
D	36531564	Decal, Tower Operating Instructions	1	
E	36529824	Decal, Lifting Instructions	1	
F	54568779	Decal, Rotating Fan	1	
G	22743843	Decal, Tire Load	1	
H	23241045	Decal, VIN	1	
J	46492542	Decal, IR Logo 22"	1	
K	46492559	Decal, IR Logo 24"	2	
L	46497400	Decal, Doosan 8" Logo	2	
M	46542270	Decal, Lightsource Model Number	2	

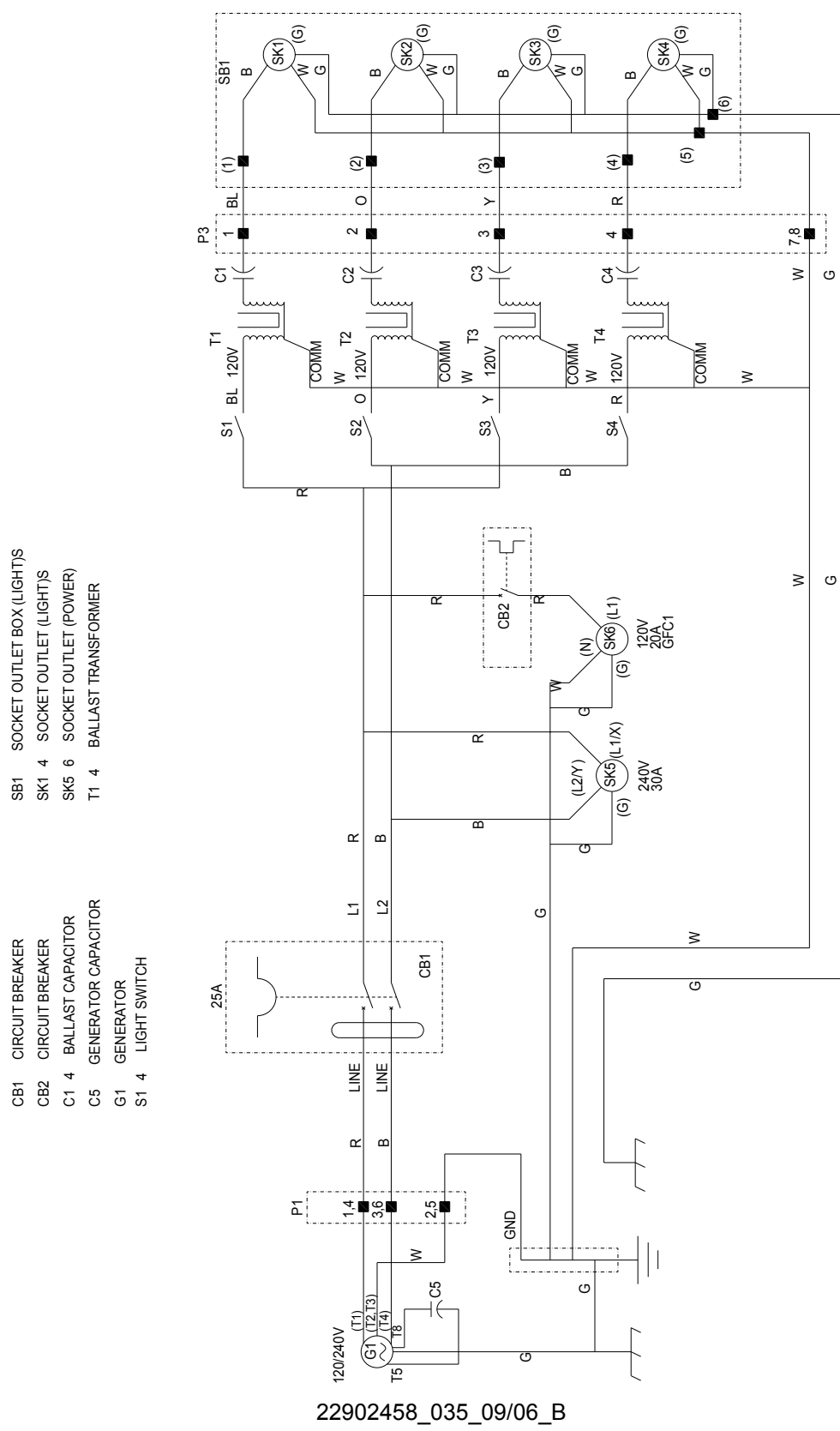
Wiring Diagram - Prior to S/N: 403504



22902458_034_09/06_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES

Wiring Diagram - Prior to S/N: 403504



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES

Wiring Diagram - After S/N: 403504

- B - BATTERY - 22246797

CB - WINCH CIRCUIT BREAKER - 36850402

D1 - VOLTAGE DIRECTING DIODE - 35376169

H- HOURMETER - 36841245

L2 - LOW FUEL LAMP (OPTION) - 36883825

PSI = OIL PRESSURE SWITCH - 36878379

RI - FUEL SHUTDOWN RELAY (OPTION) 36878361

SI - MAIN SWITCH - 36786457
- S2 - LOW FUEL SWITCH (OPTION) - 22278865

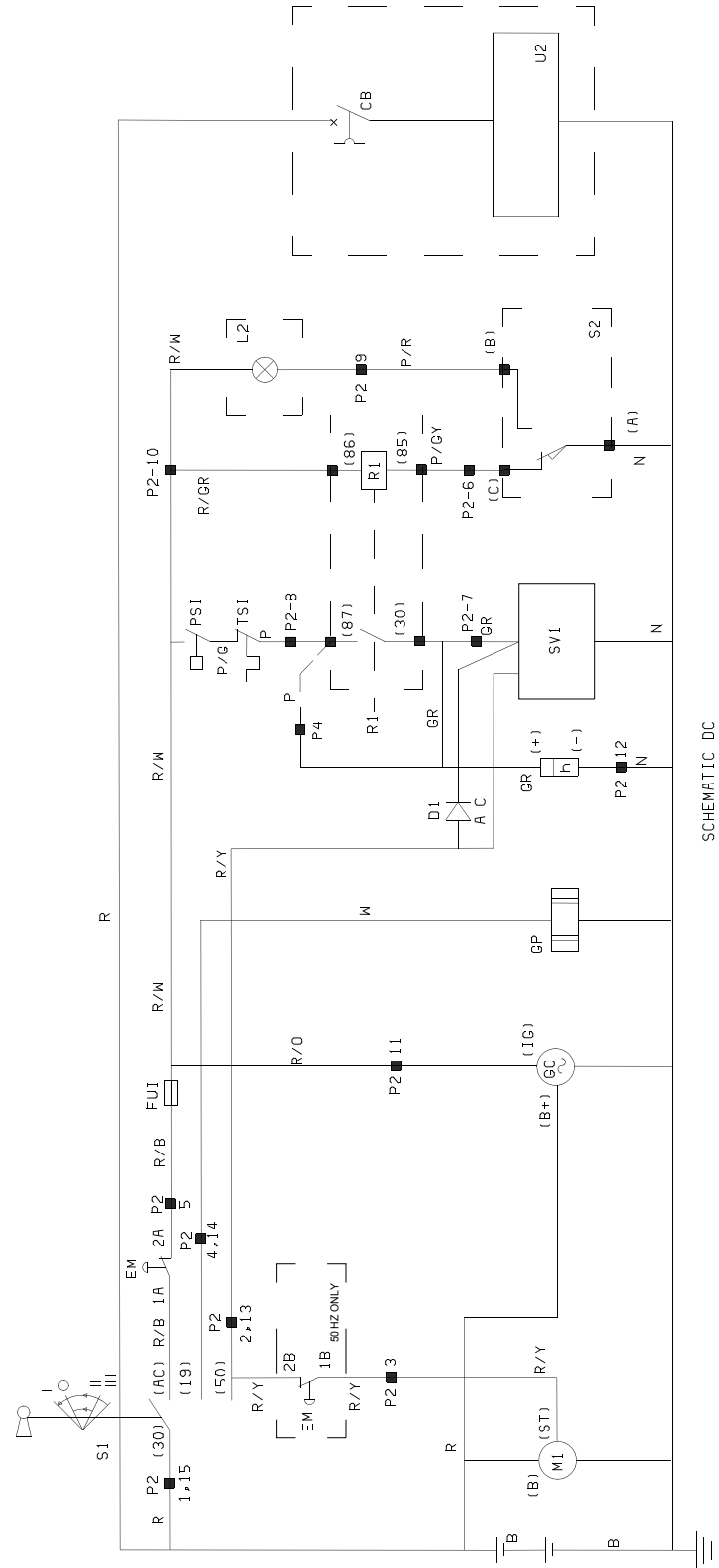
TS1 - WATER TEMPERATURE SWITCH - 36868479

U2 - ELECTRIC WINCH - 36878056

EM - EMERGENCY STOP - 36883809
- ENGINE WIRING HARNESS - 22220347

CONTROL PANEL HARNESS - 54364864 (60 HZ UNITS)

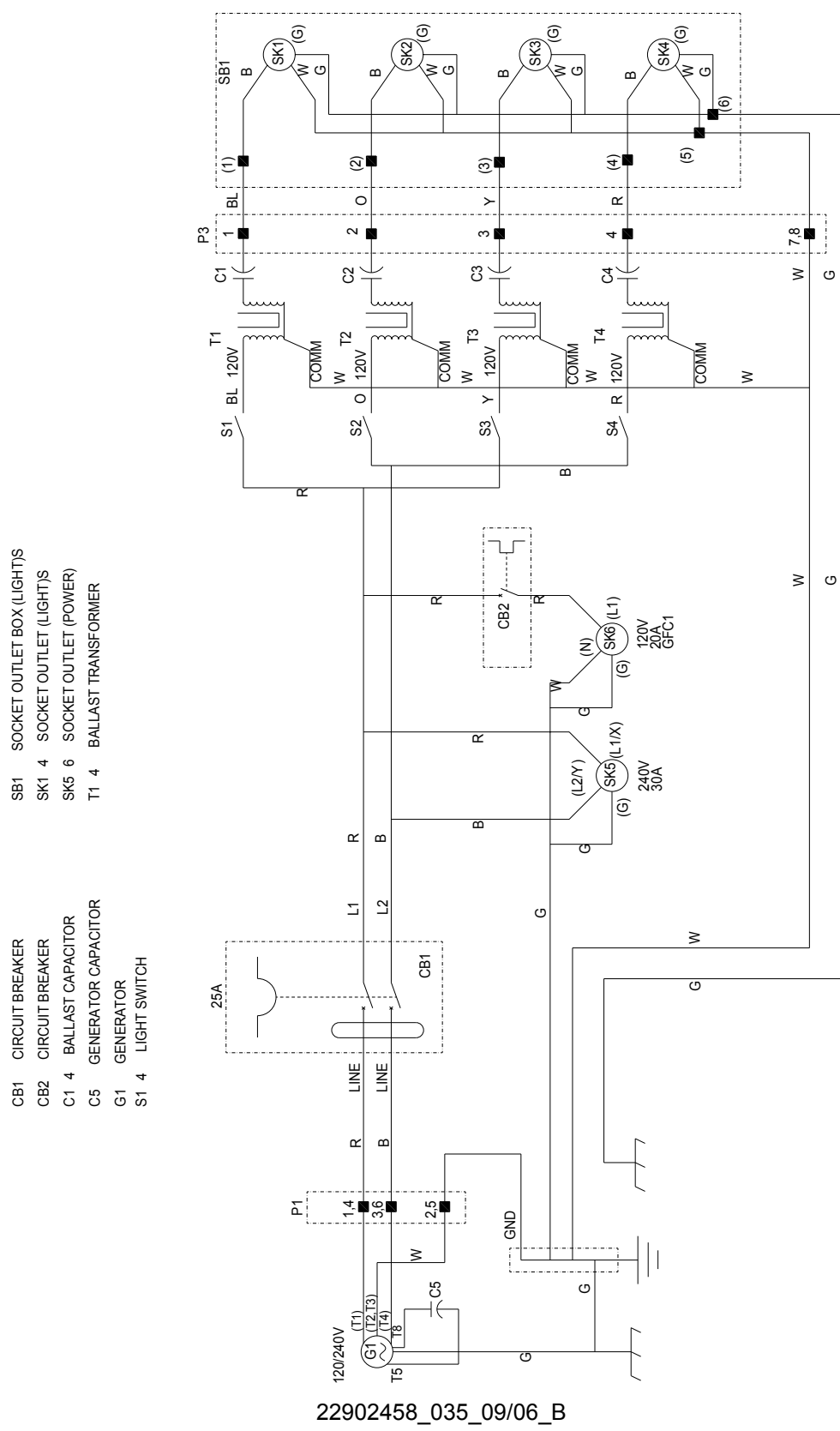
CONTROL PANEL HARNESS - 2211082 (ESA 50 HZ UNITS)



22902458_034_09/06_B

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES

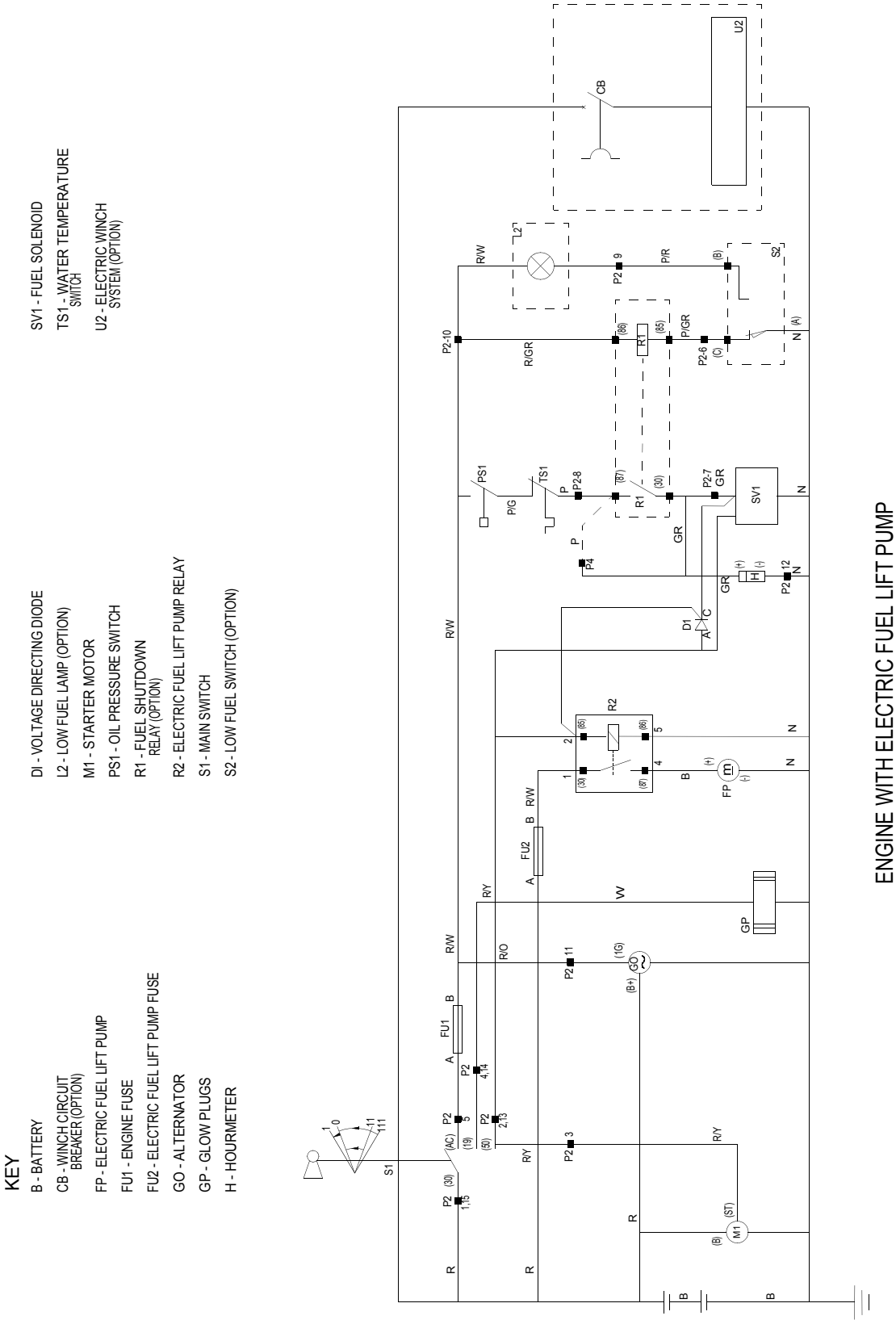
Wiring Diagram - After S/N: 403504



22902458_035_09/06_B

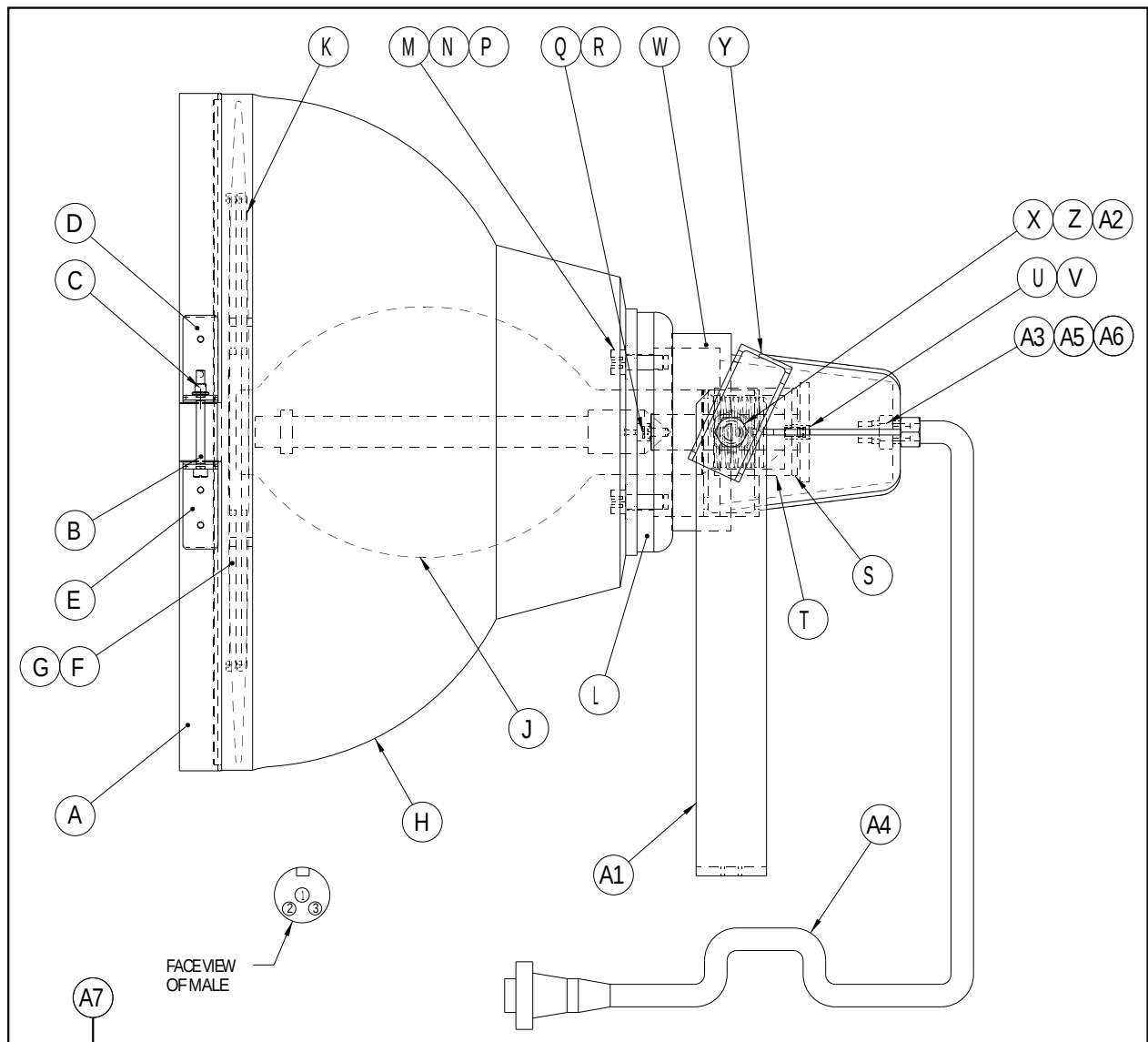
ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES

Wiring Diagram - Serial Code D98



ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES

Lamp / Socket Assembly - Prior to S/N: 407952

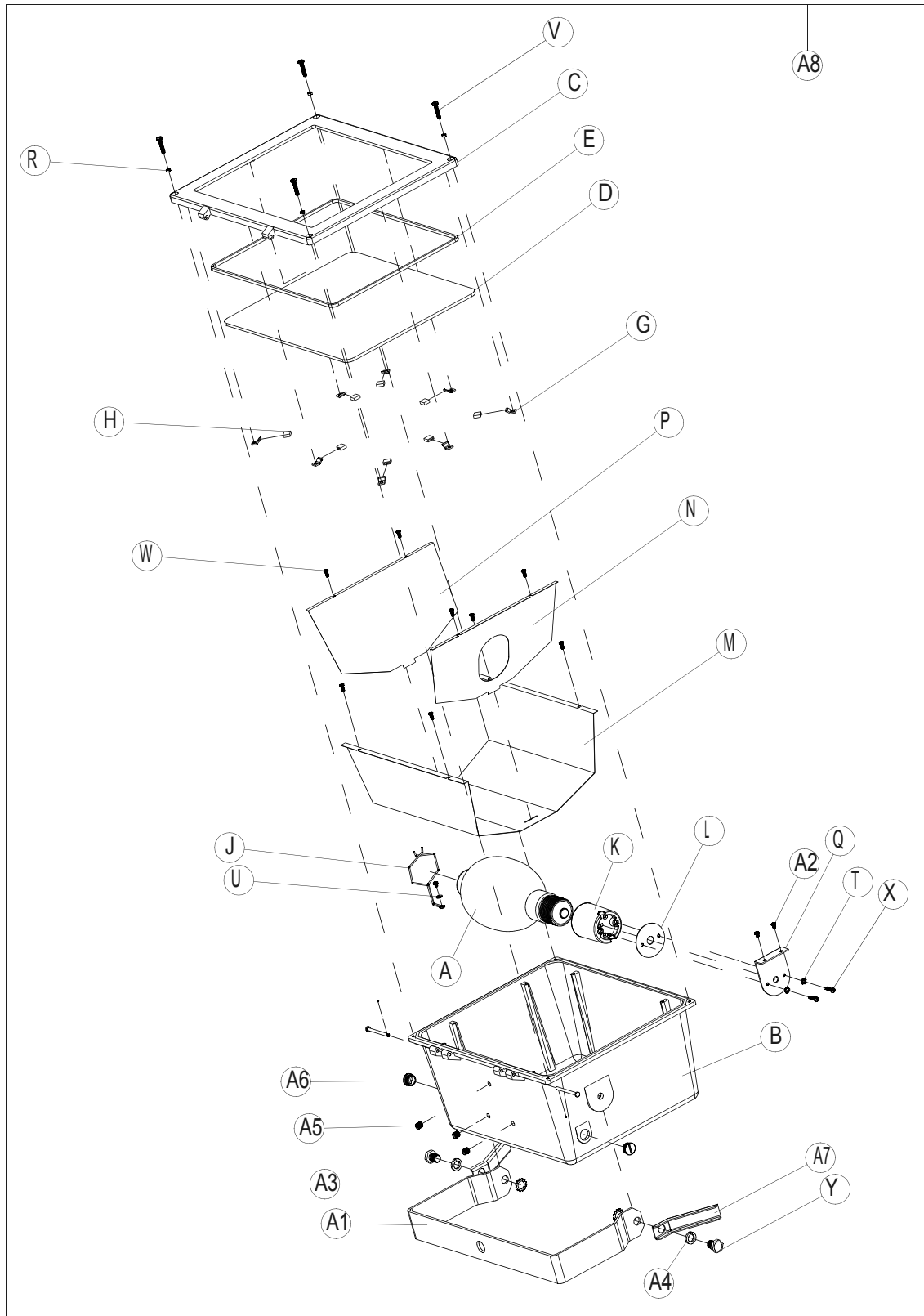


22902458_037_05/06_A

Lamp / Socket Assembly - Prior to S/N: 407952

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22515480	Clamp, Band Assembly	1	18"
B	22515498	Screw	1	8 - 32 X 1 1/4"
C	22515506	Nutsert	1	8 - 32
D	22515514	Clamp, Band Left Angle Bracket	1	
E	22515522	Clamp, Band Right Angle Bracket	1	
F	22515530	Gasket, Lens	1	18.5"
G	22515548	Lens, Glass	1	18.5"
H	22515555	Reflector, Dimpled	1	
J	36847747	Lamp, MH	1	1000W
K	22515571	Brace, Lamp	2	
L	22515589	Gasket, Reflector Housing	1	
M	22515597	Screw	4	10 - 24 X 5/8"
N	22515605	Rivet, Aluminium	2	1/8" X 3/16"
P	22515613	Ring, Reflector	1	
Q	22515621	Screw	2	8 - 32 X 3/8"
R	22515639	Bracket, Socket	1	
S	22515647	Insulator, Lamp Holder	1	
T	22515654	Socket, Mogul	1	
U	22515662	Screw	2	8 - 32 X 7/8"
V	22515670	Plate, Heat Sink	1	
W	22515688	Casting, Aluminium	1	
X	22515696	BLT	2	1/2" - 13 X 1 1/4"
Y	22515704	Handle, Adjustment	2	
Z	22515712	Washer, External Tooth	2	1/2"
A1	22515720	Trunnion, Galvanized	1	
A2	22515738	Washer, Lock	2	
A3	36779346	Cord, Quick Connect	1	54"
A4	22333215	Cord	1	
A5	22515761	Nut, Wire	2	
A6	22515779	Sleeve, Fiberglass	3	3"
A7	22501217	Lamp Assembly, Complete	1	

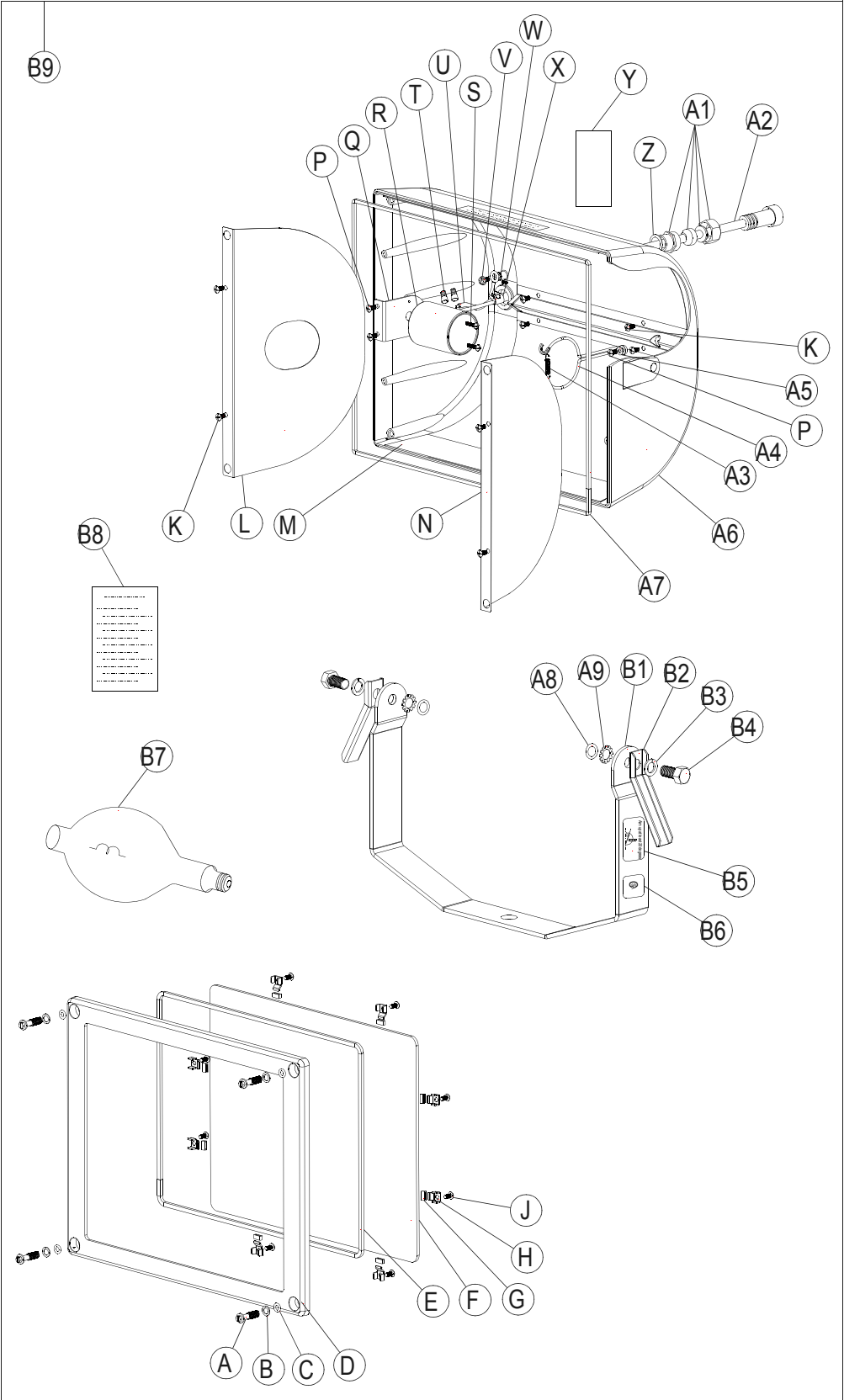
Lamp / Socket Assembly - From S/N: 407952 to 408213



Lamp / Socket Assembly - From S/N: 407952 to 408213

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	23084965	Lamp	1	#8
B	23168685	Housing, Base	1	
C	23168693	Frame, Top	1	
D	23168701	Lens, Glass	1	
E	23177348	Gasket, Lens	1	
F	23177355	Gasket, Top Frame	1	
G	23177363	Clip, Lens	8	
H	23177371	Cover, Lens Clip	8	
J	23177389	Brace, Lamp	1	
K	23177397	Socket, Mogul 5kv	1	
L	23177405	Gasket, Mogul Socket	1	
M	23177413	Base, Reflector	1	
N	23177421	Reflector, Lamp Side	1	
P	23177439	Reflector, Side	1	
Q	23177447	Bracket, Socket	1	
R	23177454	Washer, Rubber Frame Top	4	
S	23177470	Pin, Hinge	2	
T	23177553	Washer, Star	3	
U	23177561	Washer, Flat	1	
V	23177587	Screw	4	
W	23177603	Screw	8	
X	23177629	Screw	2	
Y	23177637	Screw	2	
Z	23177645	Screw	1	
A1	23177686	Yoke, Trunnion	1	
A2	23177694	Screw	3	
A3	23177702	Washer, Star	2	
A4	23177710	Washer, Locking	2	
A5	23177728	Screw,	3	
A6	23177736	Screw	2	
A7	23177751	Handle, Adjustment	2	
A8	23084932	Lamp Assembly, Complete	1	

Lamp / Socket Assembly - After S/N: 408213

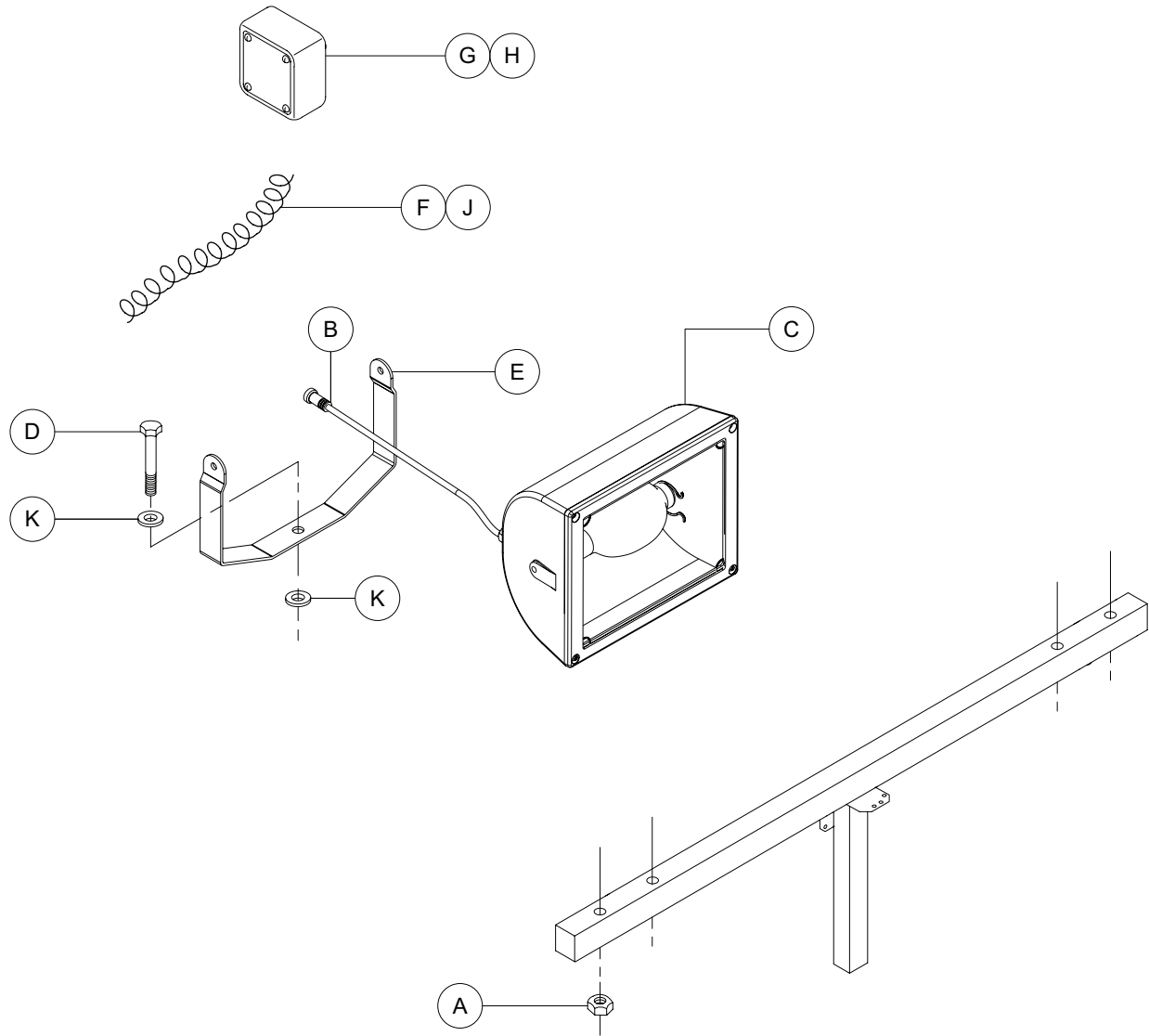


22902458_037_05/06_A

Lamp / Socket Assembly - After S/N: 408213

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	46497236	Screw	4	
B	46497228	Washer, Flat	4	
C	46497210	Washer, Rubber	4	
D	46497202	Frame, Top	1	
E	46497194	Gasket, Lens	1	
F	46497186	Lens, Glass	1	
G	23177371	Cover, Lens Clip	8	
H	23177371	Clip, Lens	8	
J	46497178	Screw	8	
K	46497160	Screw	8	
L	46497152	Reflector, Lamp Side	1	
M	46497145	Reflector, Main	1	
N	49497137	Reflector, Side	1	
P	46497129	Screw	3	
Q	46497111	Bracket, Socket	1	
R	23177397	Socket, 5kv	1	
S	46497103	Screw	2	
T	46497095	Connector, Wire	2	
U	46497087	Sleeve, Fiberglass	3	
V	46497079	Screw	1	
W	46497061	Washer, Star	1	
X	46497053	Spring, Strain Relief	1	
Y	46497046	Pad, Insulation	1	
Z	46497038	Gasket, Insulated Pad	1	
A1	46497020	Joint, Threaded, W/Bushing, Ring and Nut	1	
A2	46497012	Cable	1	
A3	46497004	Spring, Lamp	1	
A4	46496998	Brace, Lamp	1	
A5	46496980	Washer, Flat	1	
A6	46496972	Housing, Base	1	
A7	46496964	Gasket, Top Frame	1	
A8	46496956	Washer, Rubber	2	
A9	23177702	Washer, Star	2	
B1	46496949	Yoke, Trunion	1	
B2	23177751	Handle, Adjustment	1	
B3	23177710	Washer, Spring	2	
B4	23177694	Screw	2	
B5	46496931	Label, Aiming	1	
B6	46497657	Decal, CSA/UL Approval	1	
B7	23084965	Lamp, 1000W	1	
B8	46496923	Sheet, Instruction, Flood Lamp	1	
B9	46496907	Lamp Assembly, Complete	1	

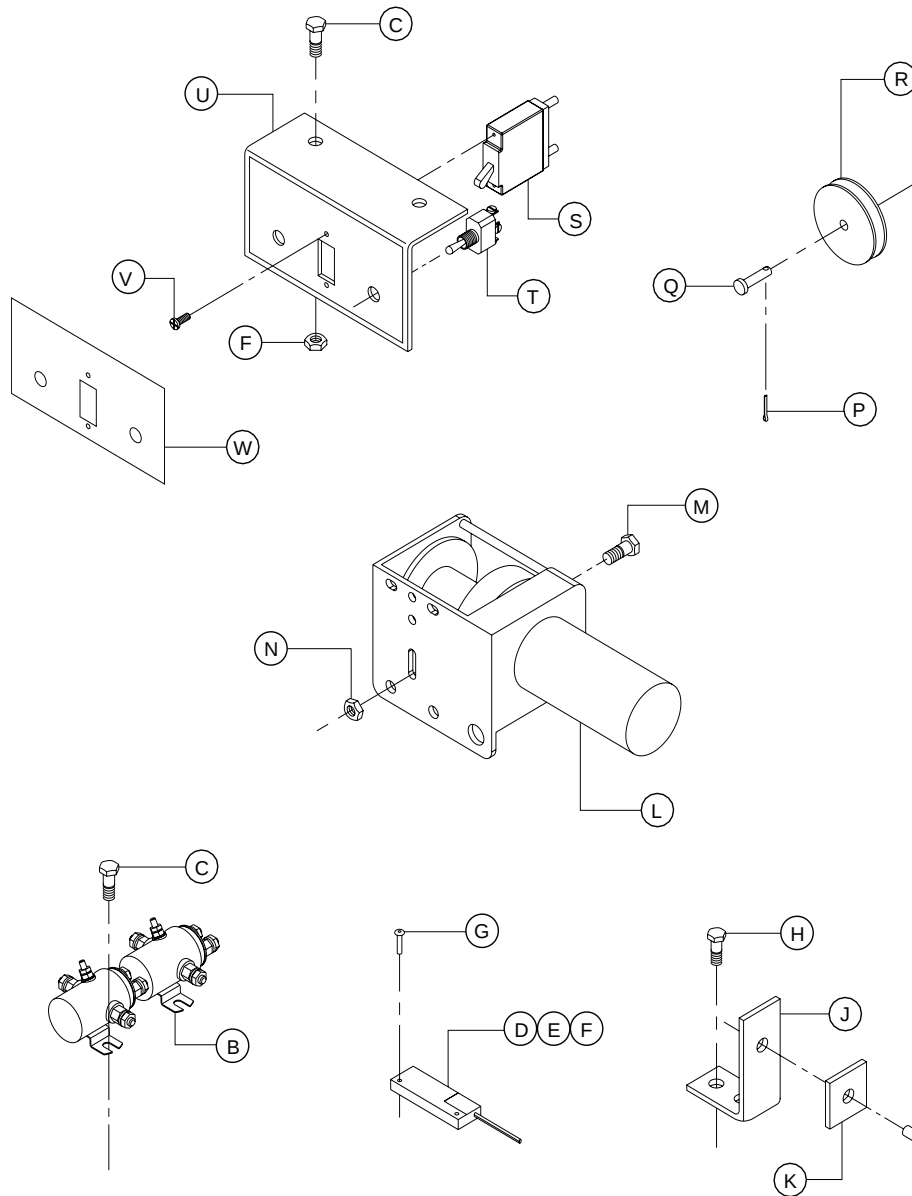
Lights and Mounting



22902458_024_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	95923363	Nut	1	3/4" - 10
B	36779346	Cord with Plug (Not Shown)	1	
C	REF	Lamp Assembly	4	3/4" - 10 X 4"
D	95995478	Screw	4	
E	REF	Trunnion	1	
F	22333215	Cord	1	
G	36885838	Box, Junction	1	
H	36885945	Cover	1	
J	36779346	Cord, 3-Wire (Junction Box)	4	
K	95935011	Washer	2	3/4"

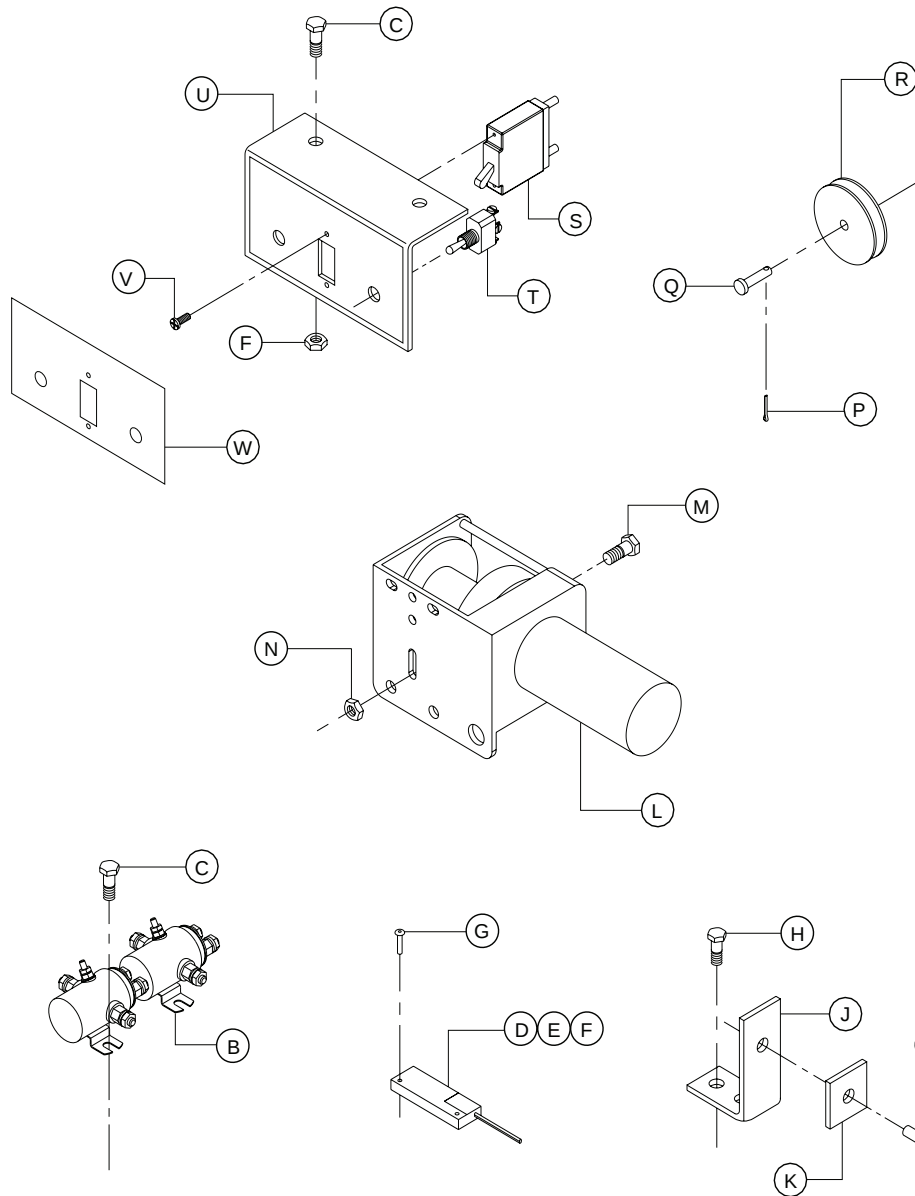
Electric Winch Assembly



22902458_039_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36881548	Bracket, Solenoid Mounting	1	M6 - 1.0 X 20
B	22451702	Relay, Electric Winch (2 Per Winch)	4	
C	36898096	Screw	4	
D	36876803	Sensor, Proximity	2	
E	36769503	Terminal	4	M6 - 1.0
F	36898104	Nut, Hex	4	
G	95962734	Rivet	6	
H	35300771	Screw	2	
J	54418306	Bracket, Magnet	1	M6 - 1.0 X 20
K	36876746	Sensor, Magnet	1	
				Continued.....

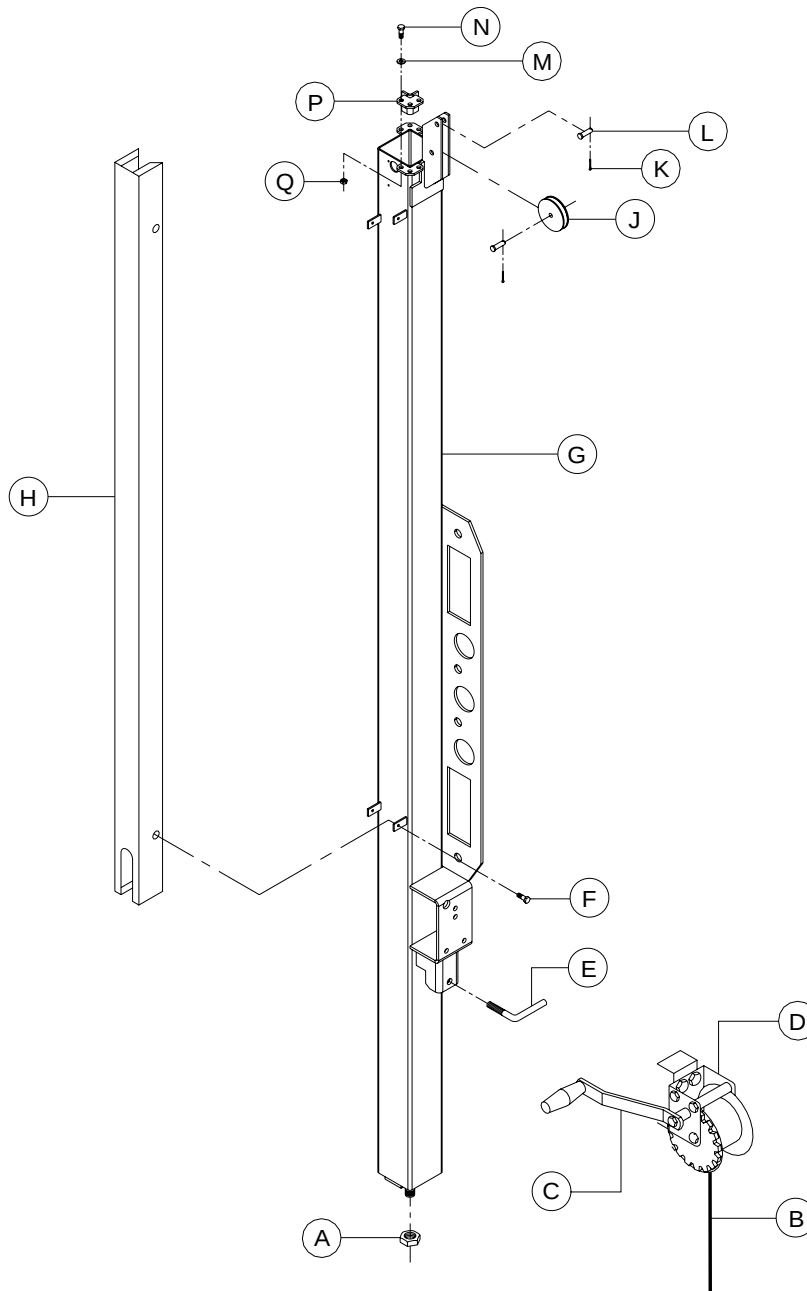
Electric Winch Assembly



22902458_040_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
L	36878056	Winch, 12 Volt (Mount 1 ea on Drawbar & Tower)	2	 Continued
M	36889608	Screw	6	M8 - 1.25 X 25
N	36881886	Nut	6	M8 - 1.25
P	95928867	Pin, Cotter	1	
Q	36869246	Pin, Clevis	1	
R	36783009	Pulley	1	
S	36850402	Breaker, 70amp Circuit	1	
T	36794204	Switch, Toggle	2	
U	54413885	Bracket, Winch Switch	1	
V	95942496	Screw	2	#6 - 32 X 0.188
W	54412804	Decal, Electric Winch	2	
X	36888774	Harness, Electric Winch (Not Shown)	1	

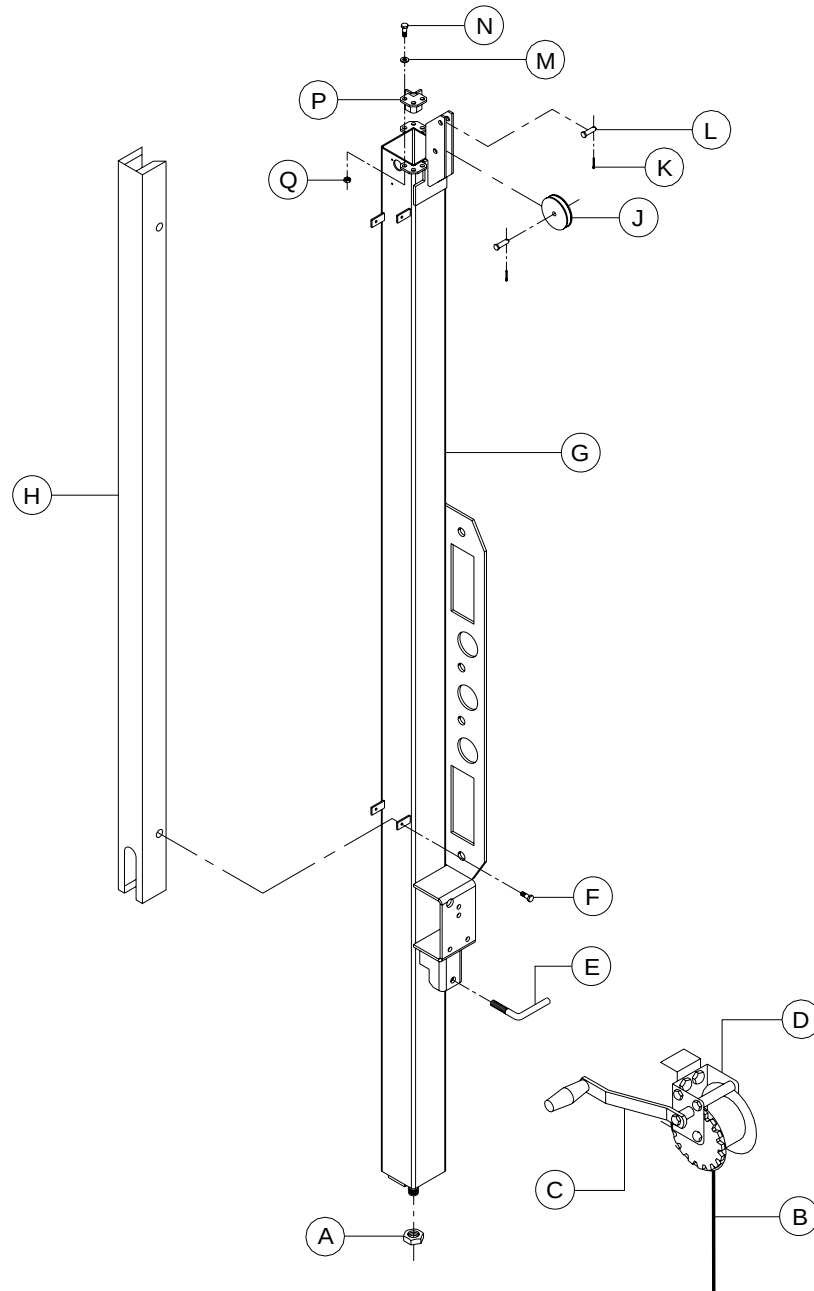
Bottom Tower Assembly



22902458_041_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36881886	Nut	1	Continued.....
B	36876225	Cable (5460mm)	1	
C	36923662	Handle, Winch	1	
D	36923654	Winch, Manual	1	
E	54370754	L-Bolt	1	
F	92368687	Screw	4	
G	22348825	Bottom Tower Assembly	1	

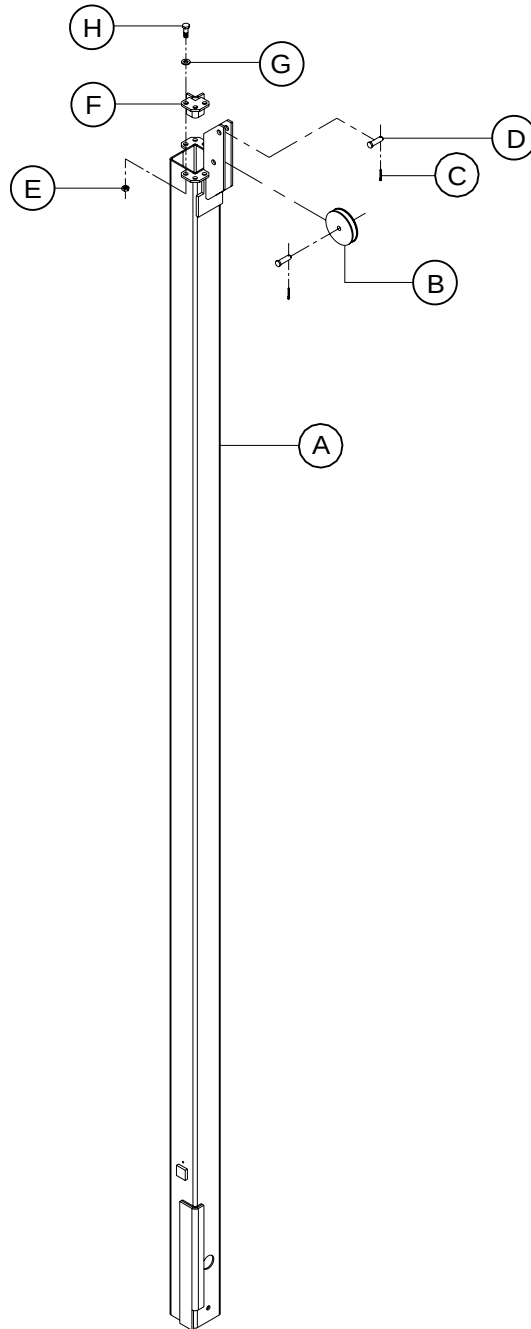
Bottom Tower Assembly



22902458_042_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
H	22335053	Shroud, Wire	1	Continued
J	36783009	Pulley	1	
K	95928867	Pin, Cotter	1	
L	36783868	Pin, Clevis	1	
M	95934998	Washer	4	
N	96702659	Screw	4	
P	22284079	Slide, Tower	2	
Q	36769743	Nut	4	

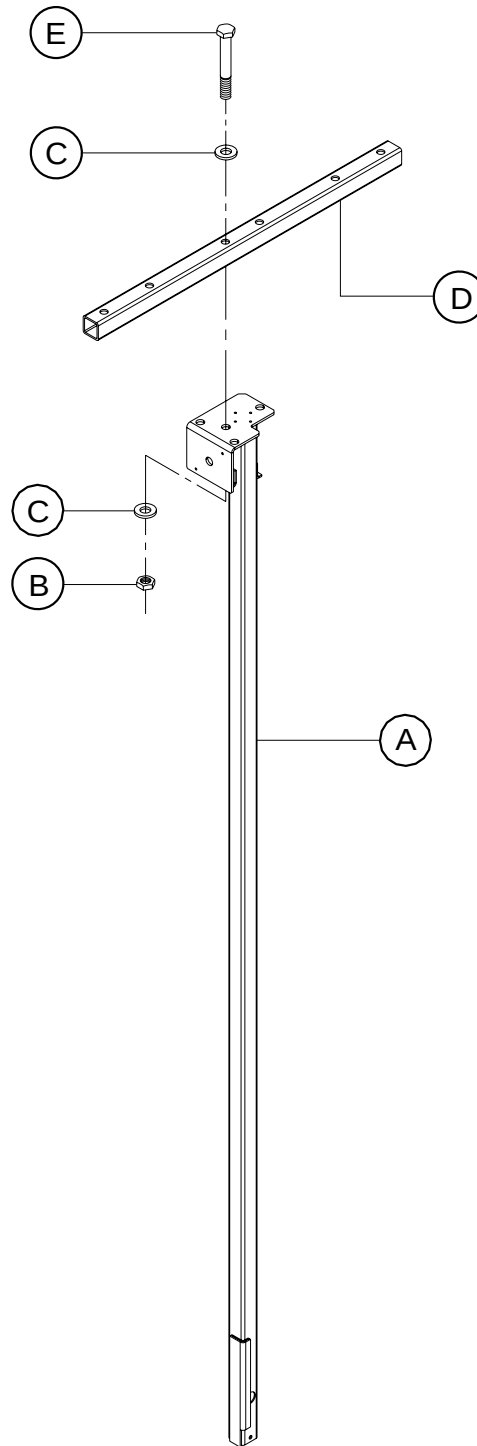
Middle Tower Assembly



22902458_043_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22284087	Middle Tower Assembly	1	
B	36783009	Pulley	1	
C	95928867	Pin, Cotter	1	
D	36783868	Pin, Clevis	1	
E	36769743	Nut	4	
F	22284079	Slide, Tower	2	
G	95934998	Washer	4	
H	96702659	Screw	4	

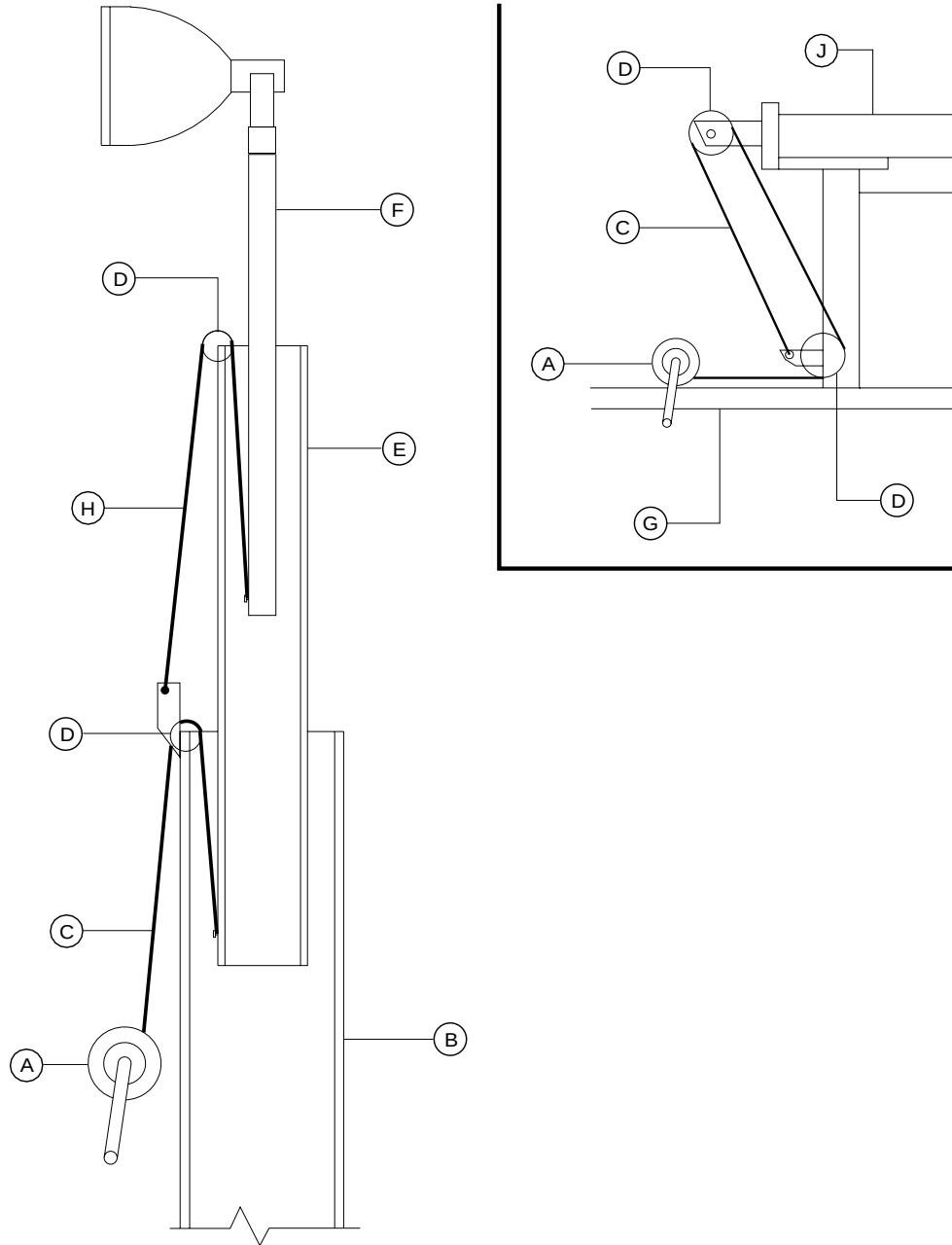
Top Tower Assembly



22902458_044_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	22284111	Top Tower Assembly	1	
B	95923363	Nut, Locking	2	
C	95935011	Washer	4	
D	22284103	Crossbar	1	
E	95995478	Screw	2	

Cable Routing



22902458_045_05/06_A

ITEM	COMM. NO.	DESCRIPTION	QTY	DIMENSIONS/NOTES
A	36923654	Winch, Manual	1	
B	REF	Bottom Tube Assembly	1	
C	REF	Cable (5460 mm)	1	
D	REF	Pulley	5	
E	REF	Middle Tube Assembly	1	
F	REF	Top Tube Assembly	1	
G	REF	Drawbar	1	
H	36868545	Cable (3430)	1	
J	REF	Tower Assembly	1	

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