A TEREX BRAND

Parts Manual

Serial Number Range

AL4

from SN AL412-101 to AL416-2947

from AL416J-2948 to AL416J-4399

from AL4J-4400

Part No. 216011GT
Rev: C.12
April 2024

Technical Publications

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216011GT Rev C.12 April 2024
First Edition, Third Printing

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How to Order Parts

Please be prepared with the following information when ordering replacement parts for your Terex or Genie product.

- ☒ **Machine model number**
- ☒ **Machine serial number**
- ☒ **Part number**
- ☒ **Part description and quantity**
- ☒ **Purchase order number**
- ☒ **"Ship to" address**
- ☒ **Desired method of shipment**
- ☒ **Name and telephone number of the authorized distributor in your area**

Use the Service Parts Fax Order Form on the next page and fax your order to our Parts Department.

If you don't know the name of your authorized distributor, or if your area is not currently serviced by an authorized distributor, please call Terex or Genie Industries.

Machine Information

_____

Model

_____

Serial Number

_____

Date of Purchase

_____

Authorized Genie Distributor

_____

Phone Number

North America

Telephone (425)881-1800

Toll Free (800)536-1800 in US and Canada

Fax (425)556-8659

Toll Free fax (888)274-6192

Email AWP.PartsSalesPO@terex.com

http://genielift.com/en

EMEAR (Europe, Middle East, Africa and Russia)

Telephone (31)(165)519 313

Fax (31)(165)511 148

http://genielift.co.uk

Asia Pacific (Genie Singapore)

Telephone +65 6692 7777

Fax +65 6261 8893

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Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

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Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

TEREX CORPORATION

Service Parts Fax Order Form

Fax to: (425) 556-8659 or Toll Free: 888-274-6192
International: +1-425-556-8659

Please fill out completely

Date _____ Account Number _____

Your Name _____ Your Fax Number _____

_____ Your Phone Number _____

Bill To _____ Ship To _____

_____ _____

_____ _____

_____ _____

Purchase Order Number _____ Ship Via _____

Model(s) _____ **Serial No.(s)** _____

Optional Equipment _____

Part Number	Description	Quantity	Price

All back-ordered parts will be shipped when available via the same ship method as the original order unless Noted below:

- ☐ Ship complete order only - No back orders
- ☐ Ship all available parts and contact customer on disposition of back-ordered parts
- ☐ Other (please specify)

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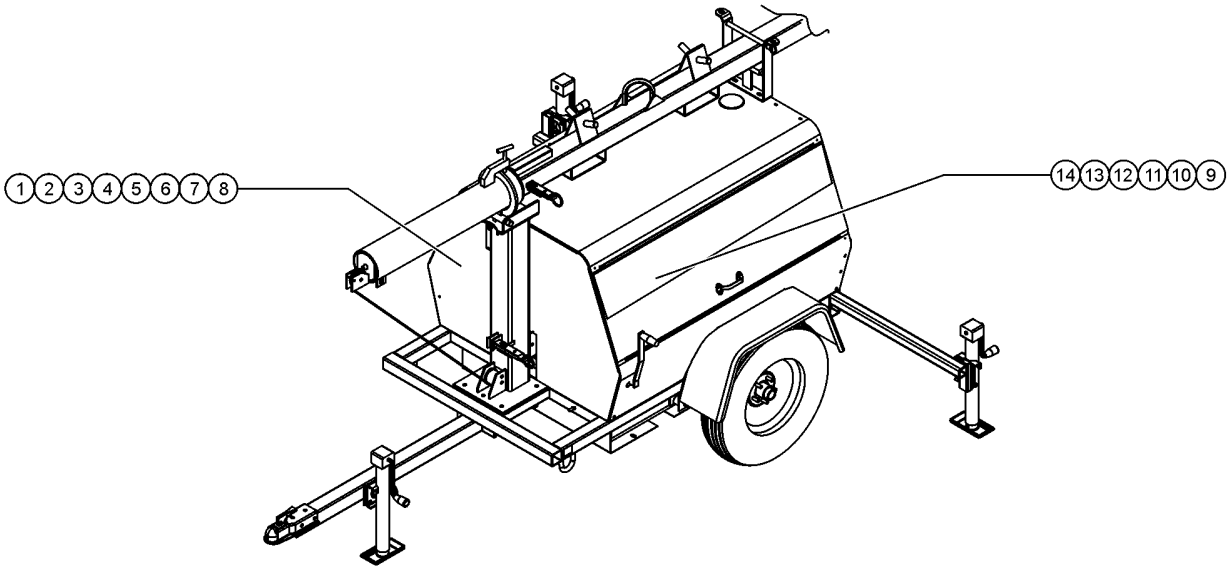
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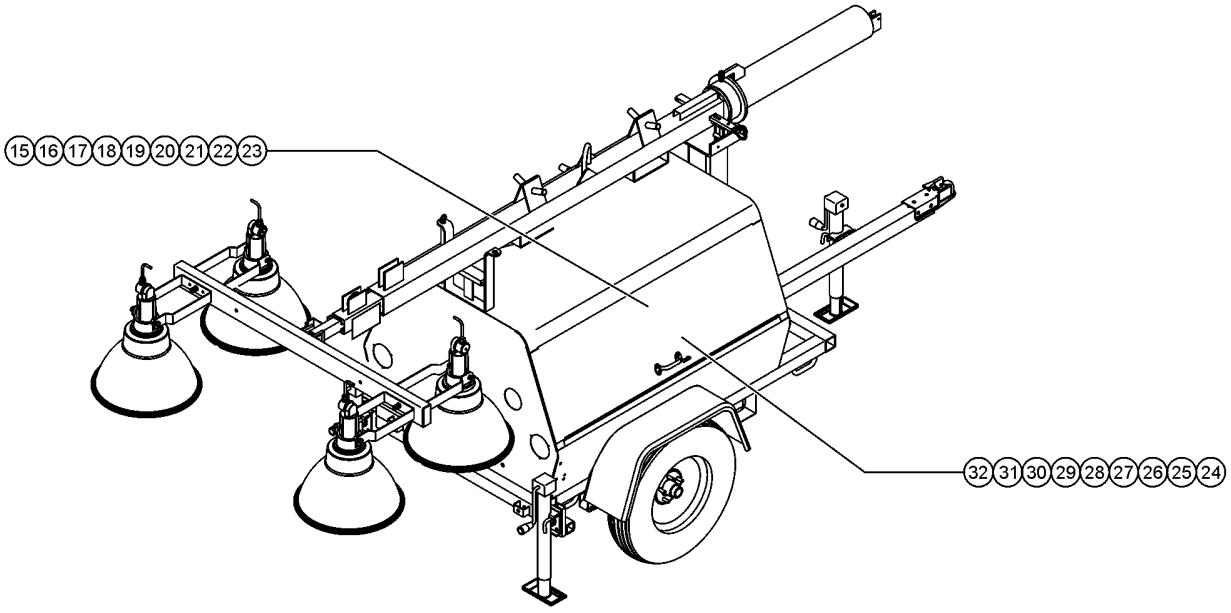
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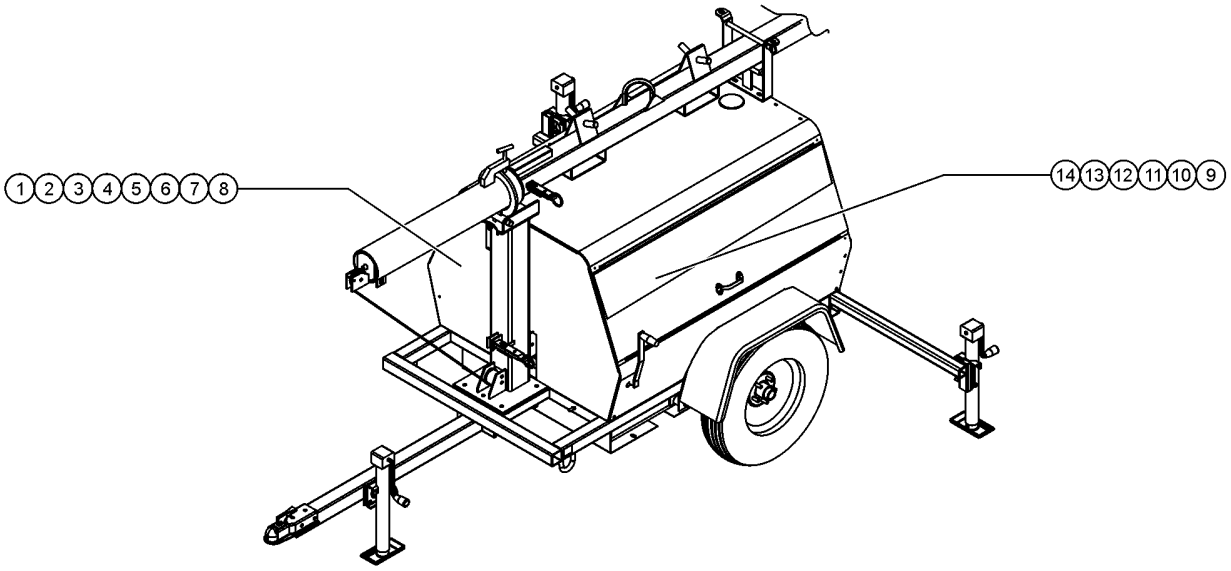
001.1 Parts Stocking List

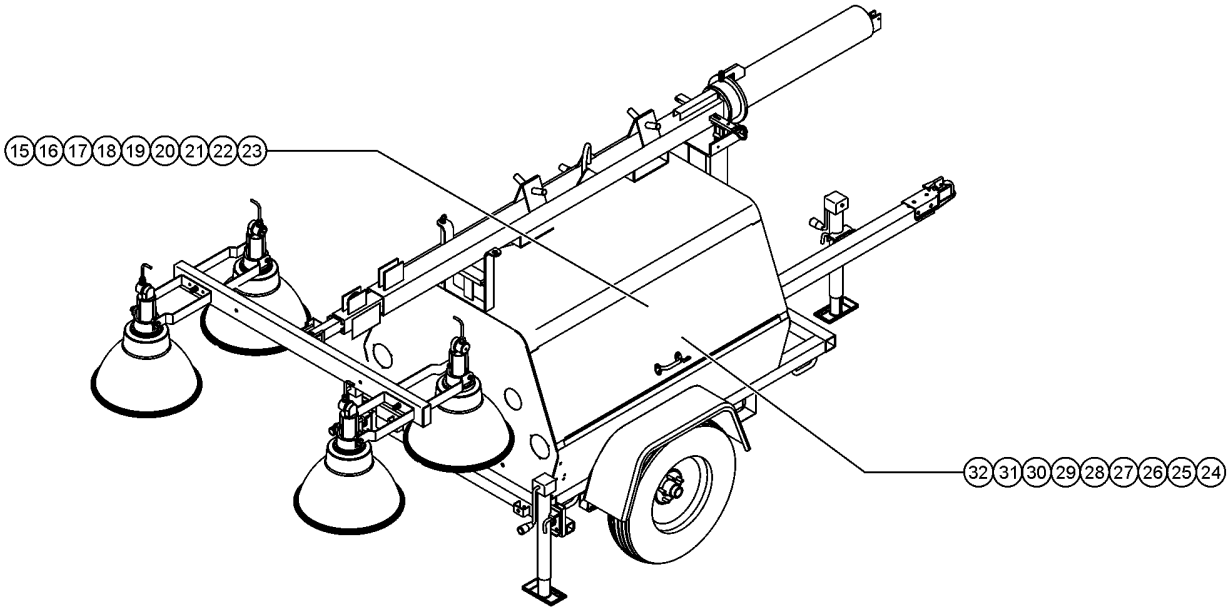




Item	Part No.	Description	Qty.
A		— GENERAL SERVICE PARTS —	
A-	1484GT	PAINT, AEROSOL, BRIGHT BLUE*** 12-ounce spray paint	
A-	1268GT	PAINT, AEROSOL, GENIE GRAY*** 12-ounce spray paint	
A-	1258567GT	PAINT, AEROSOL, TRAFFIC BLACK 12-ounce spray paint	
A-	32150GT	PAINT, WET, GENIE BLUE (1 GL)** 1-gallon	
A-	32151GT	PAINT, WET, GENIE GRAY (1GL)** 1-gallon	
A-	66399GT	GREASE, DIELECTRIC 4 OZ**	
A-	1283776GT	SEAL MARKER,CROSS CHECK,BLUE,TUBE	
A-	93500GT	PARKER DIGITAL PRESSURE GAUGE	
A-	49612GT	O-RING KIT (ORFS FITTINGS) O-ring kit, ORFS	
A-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS* Plug and cap kit, ORFS	
A-	28750GT	O-RING KIT,FIELD SVC,ALL PROD* O-ring kit, SAE	
A-	33994GT	PLUG AND CAP KIT-SERVICE,37?** Plug and cap kit, SAE	
A-	890785GT	HOSE,FUEL,1/8"ID	feet
A-	890795GT	HOSE,FUEL,5/16"ID	feet
A-	898590GT	HOSE FITTING PIPE/BAR	
1		— MANUALS —	
2-	27581GT	MANUAL, SAFTY MANNAL	
4-	218567GT	MANUAL, SERVICE, AL4	
5-	216011GT	MANUAL, PARTS, AL4	
6-	131661GT	MANUAL,OPERATORS,PERKINS,403D	
7-	131379GT	MANUAL,OPER,KUBOTA DIESEL****	
8-	116188GT	MANUAL,OP,MARATHON GENERATOR	
9		— GENERATOR, MARATHON MODELS —	
10-	58356GT	CAPACITOR-ROUND 25MF	
11-	85207GT	CAPACITOR,45 MF***OVAL	

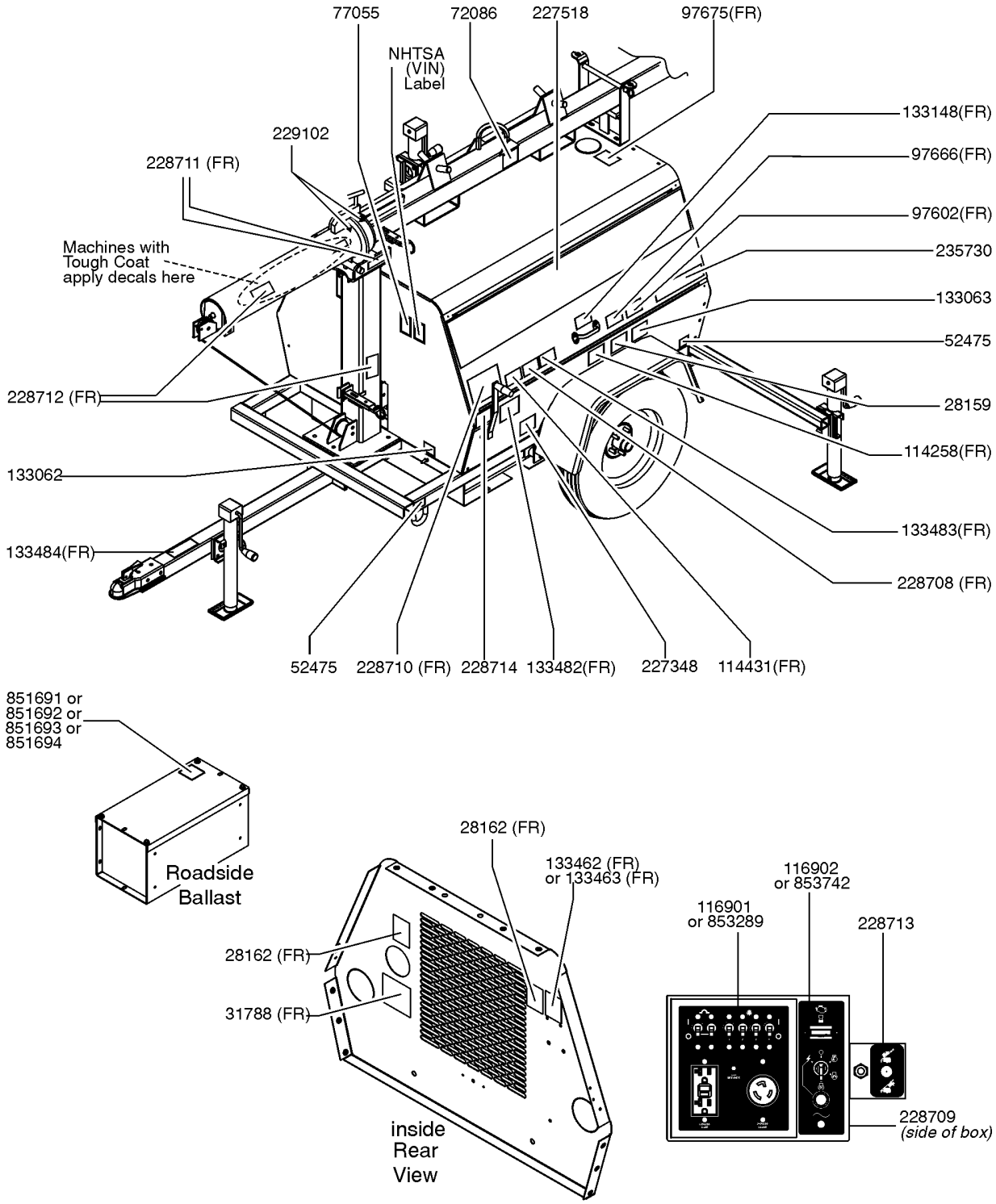
001.1 Parts Stocking List





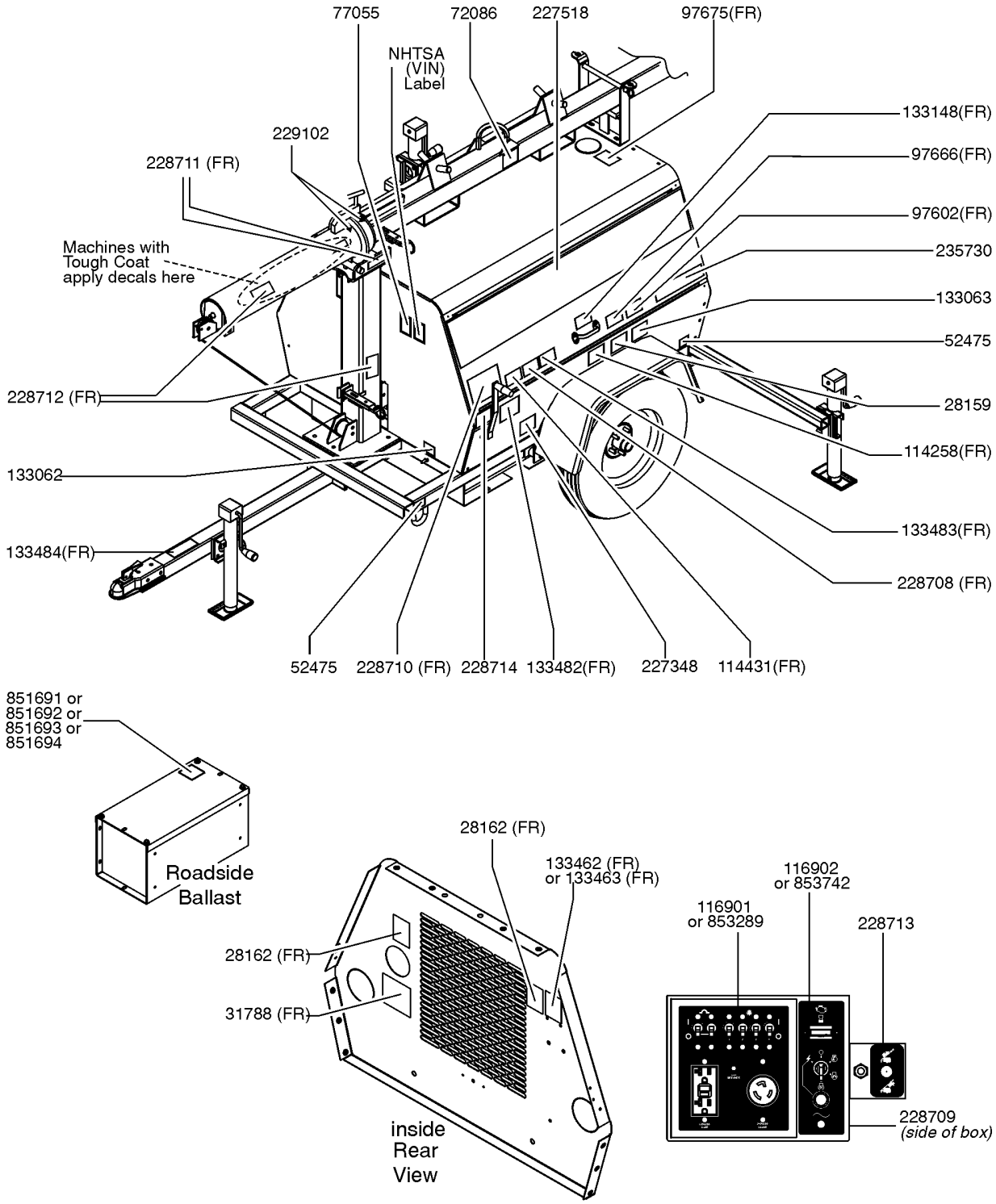
Item	Part No.	Description	Qty.
12-	229457GT	CAPACITOR, 8KW GENERATOR,5420	
13-	836853GT	DIODE,MARATHON	
14-	836856GT	MARATHON SUPPRESSOR/VARISTOR	
15		— KUBOTA MODELS —	
16-	866127GT	ELEMENT,AIR CLEANER,KUBOTA	
17-	866050GT	FILTER,OIL,KUBOTA	
18-	839200GT	ELEMENT,FUEL FILTER,KUBOTA	
19-	740620GT	FILTER,IN-LINE,FUEL,5/16"	
20-	839209GT	V-BELT, KUBOTA 1105	
21-	839110GT	HOSE,RADIATOR,LOWER,KUBOTA	
22-	839109GT	KUBOTA WATER PIPE	
23-	32185GT	CLAMP,HOSE	
24		— PERKINS MODELS —	
25-	866068GT	PERKINS 135326205AIR	
26-	94762GT	OIL FILTER - PERKINS	
27-	62421GT	FILTER,FUEL,PERKINS	
28-	740620GT	FILTER,IN-LINE,FUEL,5/16"	
29-	85071GT	BELT-FAN, PERKINS (103.10)	
30-	58292GT	HOSE,RADIATOR,PERKINS,TML	
31-	97428GT	HOSE,RADIATOR,UPPER PRKNS,TML	
32-	30348GT	CLAMP,HOSE,1.00	

101.1 Decals with Words, Roadside



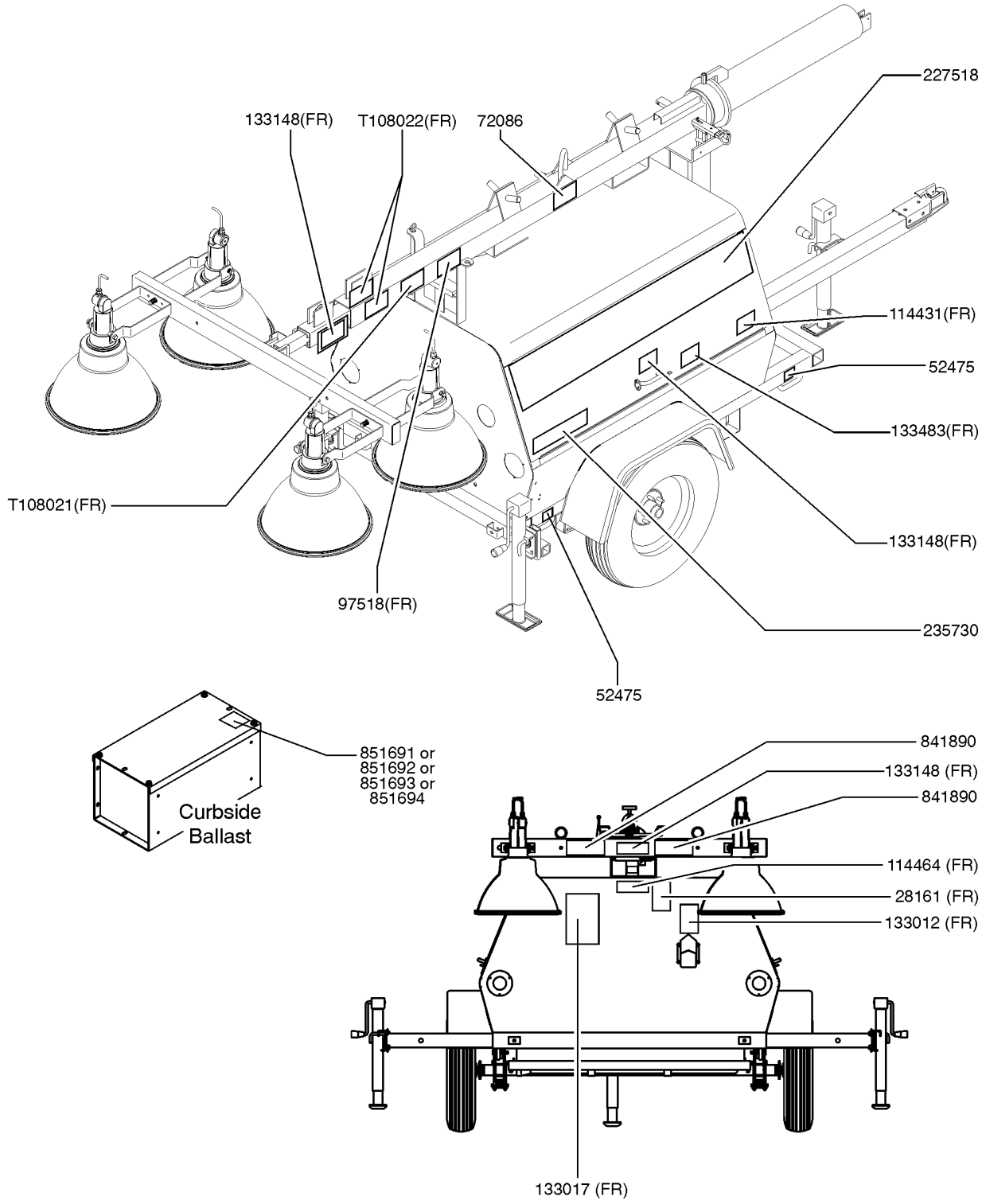
Item	Part No.	Description	Qty.
	216137GT	DECAL KIT, WORD, AL4 (does not include control box decals)	
1	28159GT	DECAL,DIESEL	1
2	28162GT	DECAL,WARNING,CRUSHING	2
3	31788GT	DECAL,DANGER,BATTERY SAFETY***	1
4	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
5	72086GT	DECAL,LABEL,LIFTING EYE	1
6	77046GT	SERIAL # LABEL,MYLAR 4X8*** (This is a blank label. Contact Service Parts to order; the model and serial number of the machine will be required.)	1
7	97666GT	DECAL,WARN,READ MANUAL	1
8	97675GT	DECAL,WARN,EXPLSION/BURN HAZ	1
9	114258GT	DECAL,DANGER,NO SMOKING	1
10	114431GT	DECAL,DANGER,ELECTROCUTION HZD	1
11A	116901GT	DECAL,CONTROL BOX AC CONSOL	1
11B	853289GT	DECAL, AL/RL CONTROL BOX DC (Australia)	
12A	116902GT	DECAL,CONTROL BOX DC CONSOL	1
12B	853742GT	DECAL- CNTRL BOX FACE (Australia)	
13	133062GT	Decal, Label, Ground	1
14	133063GT	DECAL,LABEL,TIE DOWN DIAGRAM	1
15	133148GT	DECAL,DANGER,HAZARD VOLTAGE	2
16	133462GT	DECAL,PERKINS ENGINE SPECS	1
17	133463GT	DECAL,KUBOTA ENGINE SPECS	1
18	133482GT	DECAL,WARNING TIP-OVER HAZ	1
19	133483GT	DECAL,WARNING BURN HAZ	1
20	133484GT	DECAL,WARNING TOW SPEED	1
21	227348GT	DECAL,TIRE SPECIFICATION	1
22	227518GT	DECAL,COSMETIC TEREX,AL4,AL4L	1
23	228708GT	DECAL, DANGER, CSA OUTDOOR USE	1
24	228709GT	LABEL, CSA NEUTRAL BOND TO GND	1
25	228710GT	DECAL INSTRUCTION AL4 AL5	1

101.1 Decals with Words, Roadside



Item	Part No.	Description	Qty.
26	228711GT	DECAL, WARNING, CRUSH HAZARD	1
27	228712GT	DECAL, WARN, CRUSH HAZARD,MAST	1
28	228713GT	LABEL, ELECTRIC WINCH	1
29	228714GT	LABEL, WINCH, RAISE & LOWER	1
30	229102GT	DECAL, LABEL, ARROW	2
31	235730GT	DECAL COSMETIC MODEL AL4	2
32	851691GT	DECAL- 1 (10/CARD BRADY	1
33	851692GT	DECAL- 2 (10/CARD BRADY	1
34	851693GT	DECAL- 3 (10/CARD BRADY	1
35	851694GT	DECAL - 4 (10/CARD BRADY	1

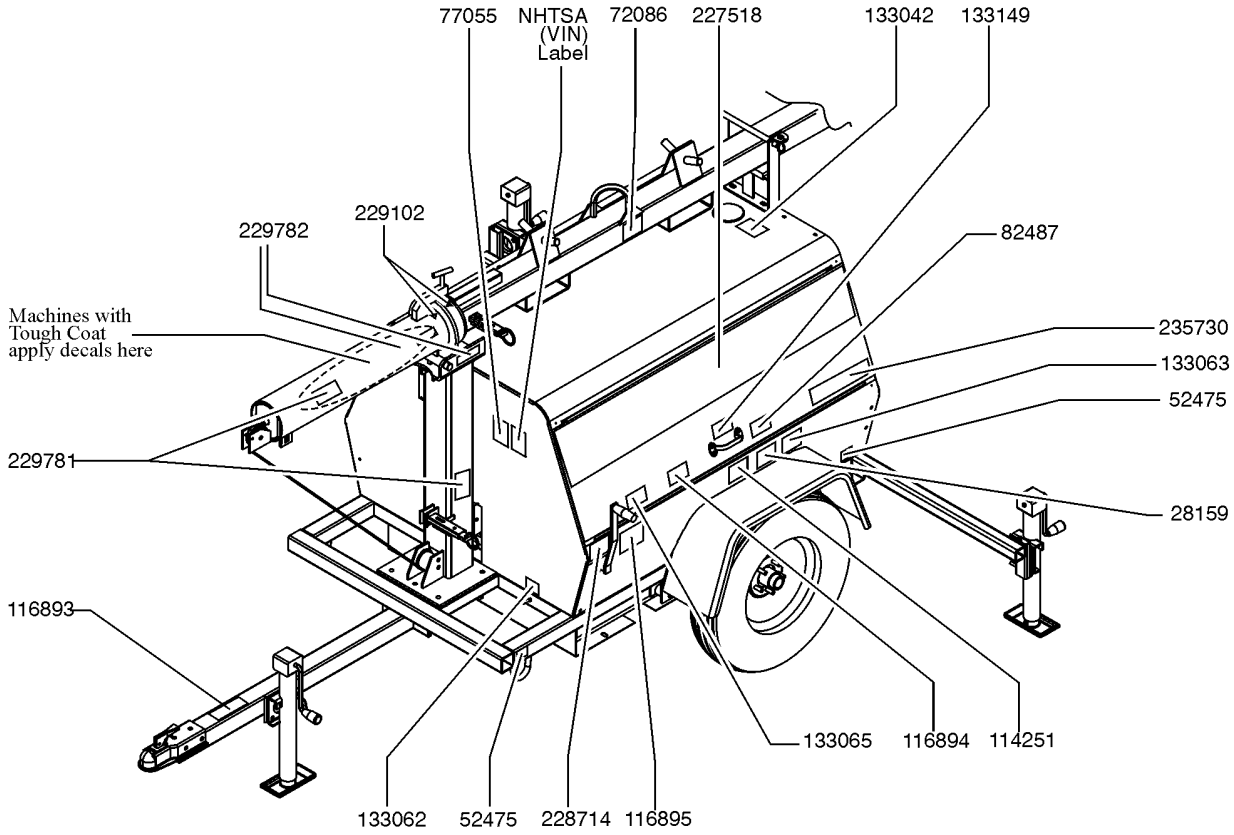
102.1 Decals with Words, Curbside

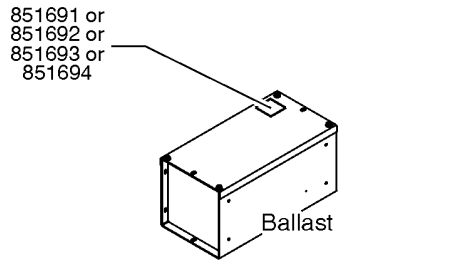


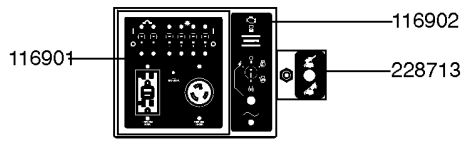
102.1 Decals with Words, Curbside

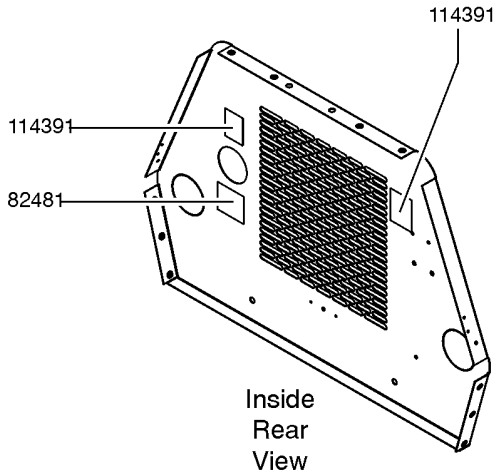
Item	Part No.	Description	Qty.
		Ref. DECAL KIT, WORD, AL4 (refer to 101.1)	
1	28161GT	DECAL,WARN,CRUSH HAZARD HAND	1
2	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
2	72086GT	DECAL,LABEL,LIFTING EYE	1
3	97518GT	Decal, Instruction, Lamp Disposal	1
4	114431GT	DECAL,DANGER,ELECTROCUTION HZD	1
5	114464GT	LABEL,TRAVEL LOCK	1
6	133012GT	DECAL,DANGER-BURN/CO HAZARD	1
7	133017GT	DECAL,WARNING,CRUSH HZD,TOWER	1
8	133148GT	DECAL,DANGER,HAZARD VOLTAGE	2
9	133483GT	DECAL,WARNING BURN HAZ	1
10	227518GT	DECAL,COSMETIC TEREX,AL4,AL4L	1
11	235730GT	DECAL COSMETIC MODEL AL4	1
12	841890GT	REFLECTOR,SCOTCHLITE,2"X18"	2
13	851691GT	DECAL- 1 (10/CARD BRADY	1
14	851692GT	DECAL- 2 (10/CARD BRADY	1
15	851693GT	DECAL- 3 (10/CARD BRADY	1
16	851694GT	DECAL - 4 (10/CARD BRADY	1
17	T108021GT	DECAL,WARN,PROTECTIVE BARRIER	1
18	T108022GT	DECAL, WARNING BURN HAZARD	2

103.1 Decals with Symbols, Roadside



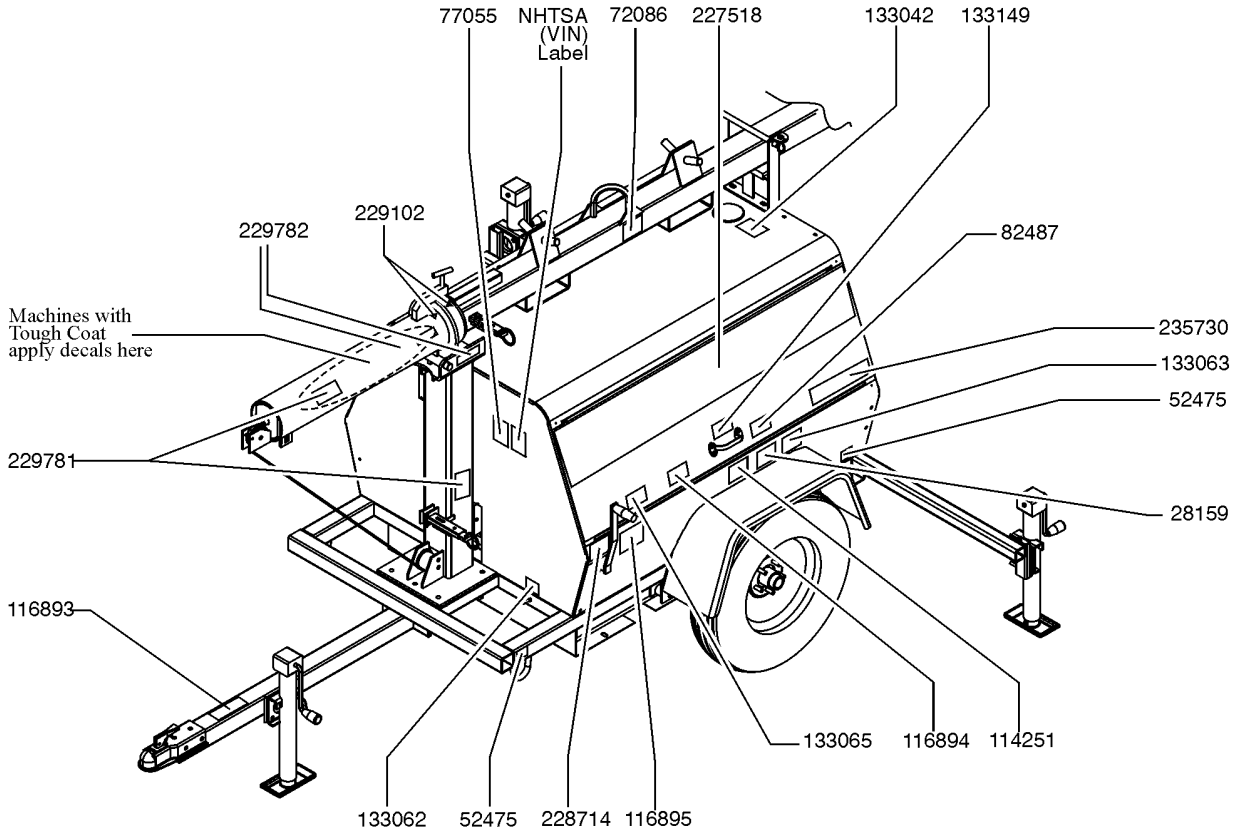


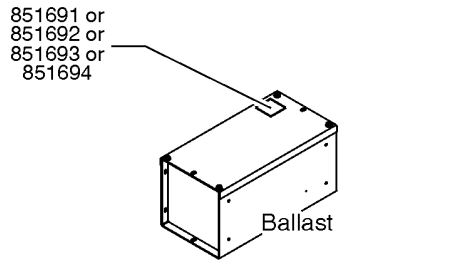


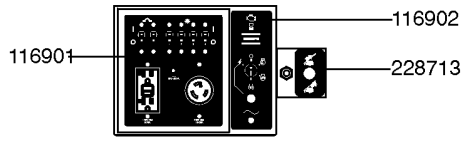


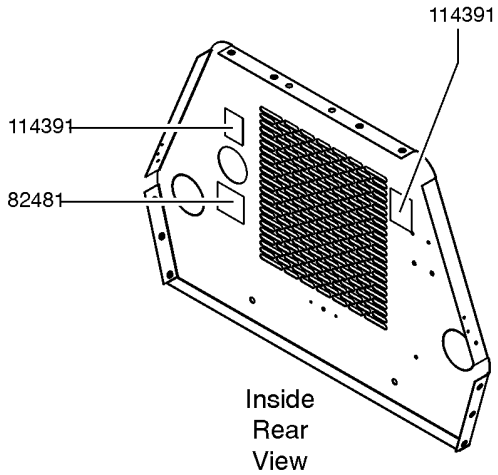
Item	Part No.	Description	Qty.
	216138GT	DECAL KIT, SYMBOL, AL4 (does not include control box decals)	
1	28159GT	DECAL,DIESEL	1
2	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
3	72086GT	DECAL,LABEL,LIFTING EYE	1
4	82481GT	DECAL,SYMBOL-BATTERY SAFETY	1
5	82487GT	DECAL,SYMBOL-READ THE MANUAL	1
6	77046GT	SERIAL # LABEL,MYLAR 4X8*** (This is a blank label. Contact Service Parts to order; the model and serial number of the machine will be required.)	1
7	114251GT	DECAL,LABEL,NO SMOKING,SYMB	1
8	114391GT	DECAL,WARNING,CRUSHING	2
9	116893GT	DECAL,TOW SPEED SYMBOL	1
10	116894GT	DECAL,BURN HAZARD SYMBOL	1
11	116895GT	DECAL,TIP HAZARD SYMBOL	1
12	116901GT	DECAL,CONTROL BOX AC CONSOL	1
13	116902GT	DECAL,CONTROL BOX DC CONSOL	1
14	133042GT	DECAL,EXPLSION/BURN HAZ SYMB	1
15	133062GT	Decal, Label, Ground	1
16	133063GT	DECAL,LABEL,TIE DOWN DIAGRAM	1
17	133065GT	DECAL,LABEL-ELEC HAZ,DISTANCE	1
18	133149GT	DECAL,LABEL-ELEC HAZ,SERV MAN	2
19	227518GT	DECAL,COSMETIC TEREX,AL4,AL4L	1
20	228713GT	LABEL, ELECTRIC WINCH	1
21	228714GT	LABEL, WINCH, RAISE & LOWER	1
22	229102GT	DECAL, LABEL, ARROW	2
23	229781GT	DECAL,WARNING,TIP-OVER,SYM	1
24	229782GT	DECAL,WARNING,CRUSHING HAZARD	1
25	235730GT	DECAL COSMETIC MODEL AL4	1
26	851691GT	DECAL- 1 (10/CARD BRADY	1
27	851692GT	DECAL- 2 (10/CARD BRADY	1

103.1 Decals with Symbols, Roadside



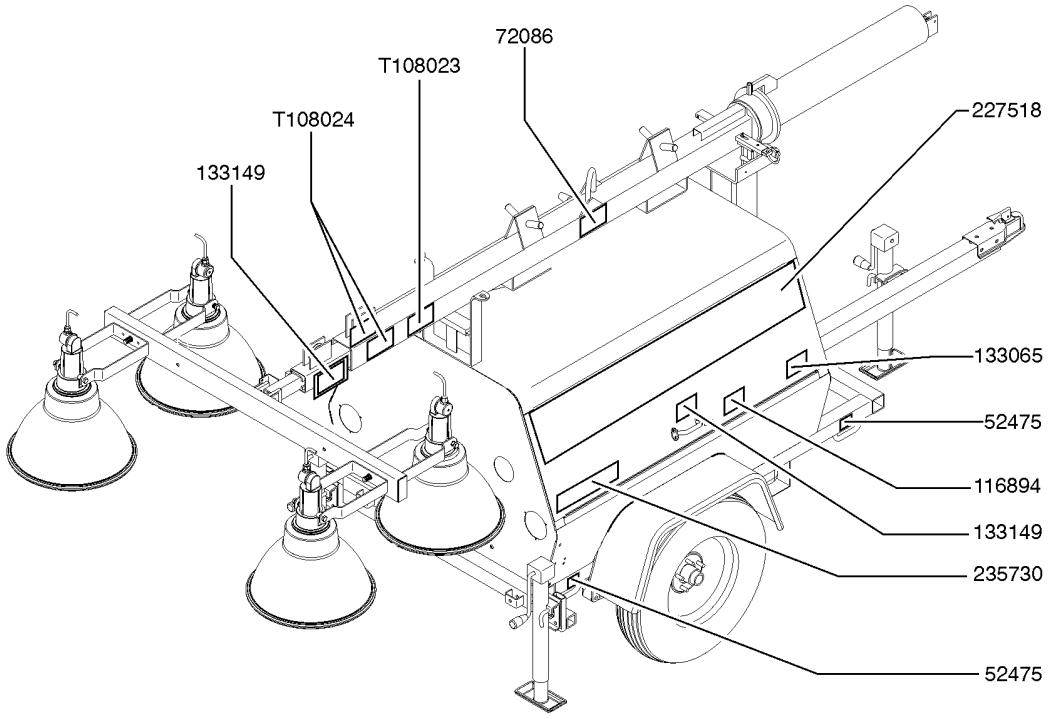


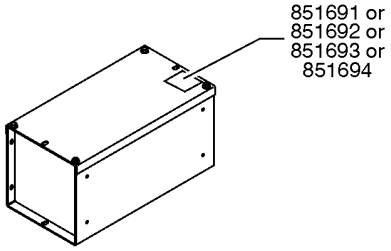




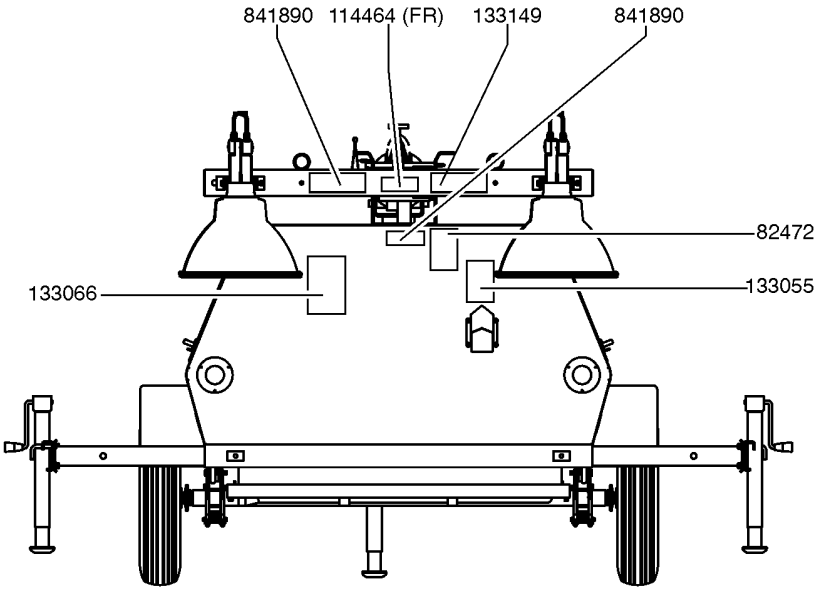
Item	*Part No.*	*Description*	*Qty.*
28	851693GT	DECAL- 3 (10/CARD BRADY	1
29	851694GT	DECAL - 4 (10/CARD BRADY	1

104.1 Decals with Symbols, Curbside



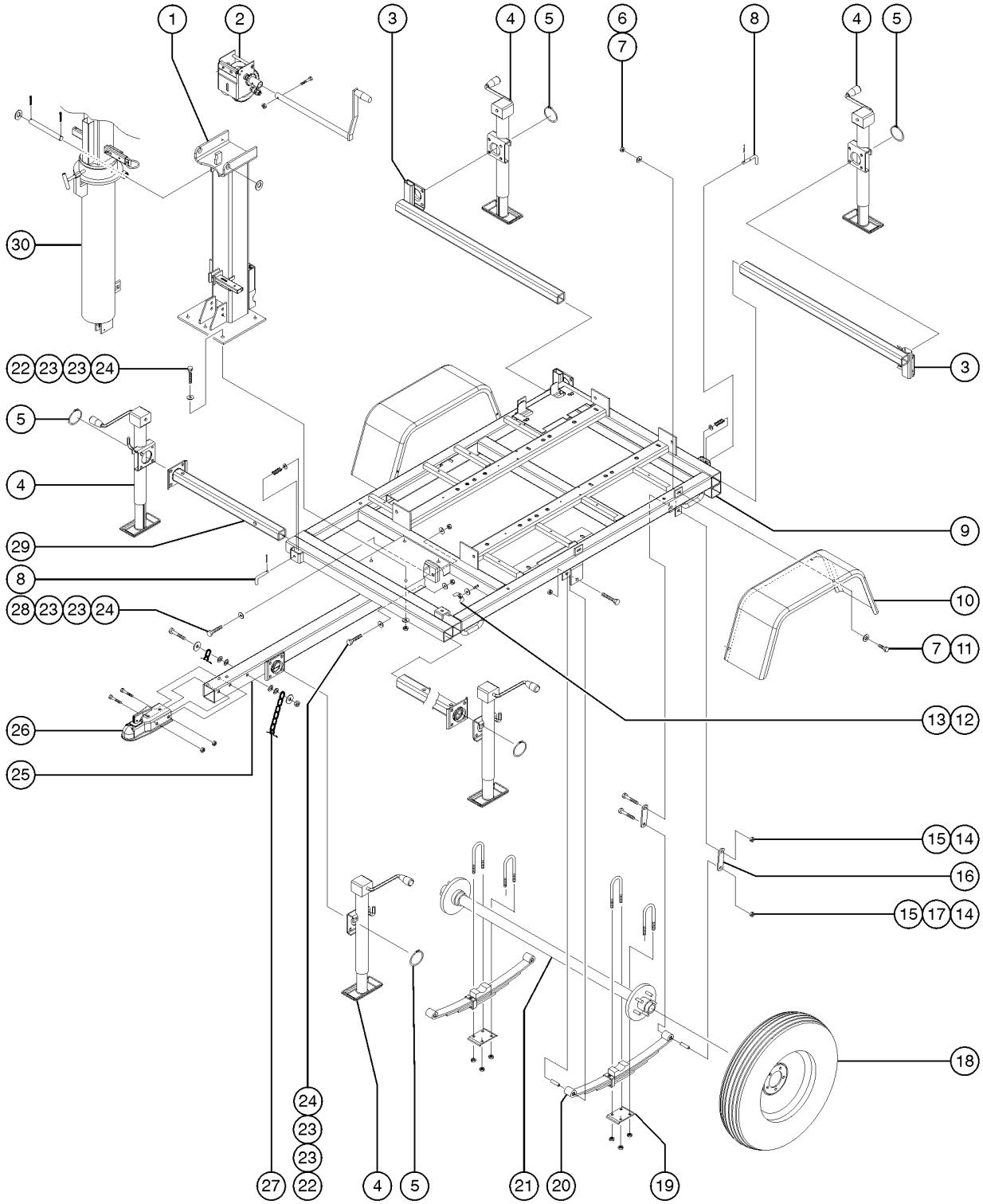


Curbside
Ballast



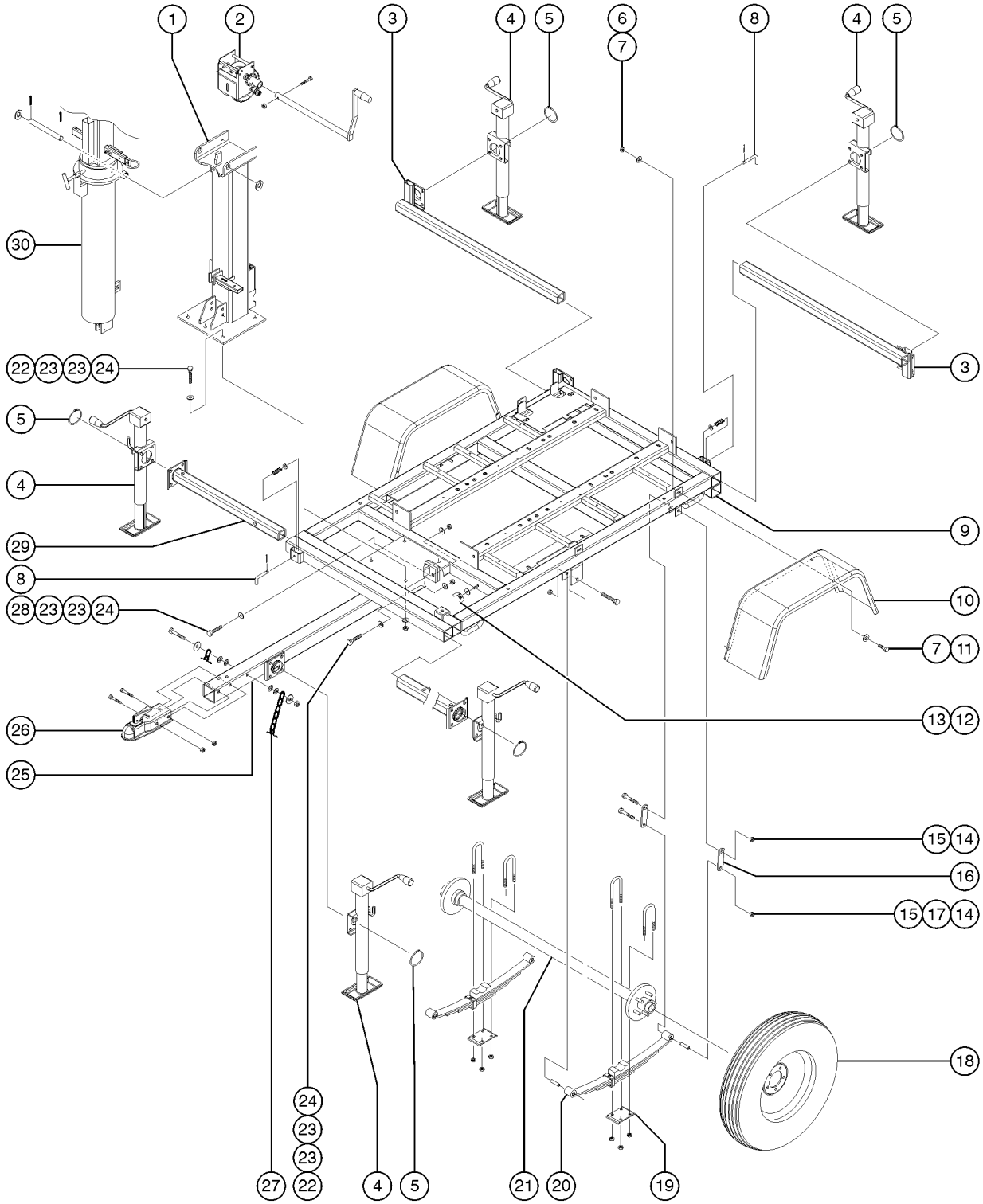
Item	Part No.	Description	Qty.
		Ref. DECAL KIT, SYMBOL, AL4 (refer to 103.1)	
1	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*	2
2	72086GT	DECAL,LABEL,LIFTING EYE	1
3	82472GT	DECAL,WARNING,CRUSHING HAZARD	1
4	114464GT	LABEL,TRAVEL LOCK	1
5	116894GT	DECAL,BURN HAZARD SYMBOL	1
6	133055GT	DECAL,LABEL,BURN/CO2 HAZARD	1
7	133065GT	DECAL,LABEL-ELEC HAZ,DISTANCE	1
8	133066GT	DECAL,LABEL-CRUSH HAZ,TOWER	1
9	133149GT	DECAL,LABEL-ELEC HAZ,SERV MAN	2
10	227518GT	DECAL,COSMETIC TEREX,AL4,AL4L	1
11	235730GT	DECAL COSMETIC MODEL AL4	1
12	841890GT	REFLECTOR,SCOTCHLITE,2"X18"	2
13	851691GT	DECAL- 1 (10/CARD BRADY	1
14	851692GT	DECAL- 2 (10/CARD BRADY	1
15	851693GT	DECAL- 3 (10/CARD BRADY	1
16	851694GT	DECAL - 4 (10/CARD BRADY	1
17	T108023GT	DECAL,BODILY INJURY SYMBOL	1
18	T108024GT	DECAL,BURN HAZARD SYMBOL	2

201.1 Chassis



Item	Part No.	Description	Qty.
1		Ref. TOWER BASE ASSEMBLY (refer to 502.1)	
2		Ref. WINCH (refer to 210.1)	
3	114480GT	OUTRIGGER,2X2X42,GALVANIZED	2
4	841430GT	JACK,MECHANICAL,3000LB	
4-	840221GT	JACK BRACKET,WELD ON SWIVEL for 841430	
4-	834204GT	FULTON HANDLE FOR JACK for jack with round plastic top	
4-	834219GT	HAMMERBLOW HANDLE FOR JACK for jack with square metal top	
5	840222GT	SNAP RING,JACK (841430)	3
6	824024GT	NUT, TL, 1/4-20, C, ZAG	4
7	75144GT	WASHER,FLAT,M6 PLTD.FW	8
8	790965GT	PIN,PLUNGER,OUTRIGGER, KIT	2
9	124410GT	TRAILER FRAME 41X70W (ANSI/CSA models)	1
9B	124412GT	TRAILER FRAME 41X70W/ (shown) (Australian model)	
10	974645GT	KIT:FENDERS TO CAB-SIDE (includes 2 fenders, weatherstripping and fasteners)	1
10-	123490GT	FENDER W/SKIRT,STEEL	2
10-	930950GT	WTHRSRIP, 1/4" X 1/2"W (50 foot roll)	
11	994130GT	SCREW,HHC,1/4-20 X 1	4
12	993240GT	NUT,WING 3/8-16 ZP	
13	991690GT	WASHER LOCK STAR 3/8	
14	840395GT	NUT,AXLE SPRING 2000NO	
15	1264511GT	BOLT, SHACKLE, RL4	2
16	841473GT	SHACKLE,AXLE,4-5/8" LONG	
17	834246GT	SPRING EYE BUSHING no longer available	
18	841061GT	WHEEL/TIRE ASSY,15",205/75 LRC	2
18-	840376GT	NUT,WHEEL, 1/2 X 20	10
19	834267GT	KIT,AXLE,U-BOLT & PLATE & NUTS	2
20	834211GT	SPRING,LEAF FOR AXLE, 4 PLY	2
21		Ref., AXLE (refer to 205.1)	1

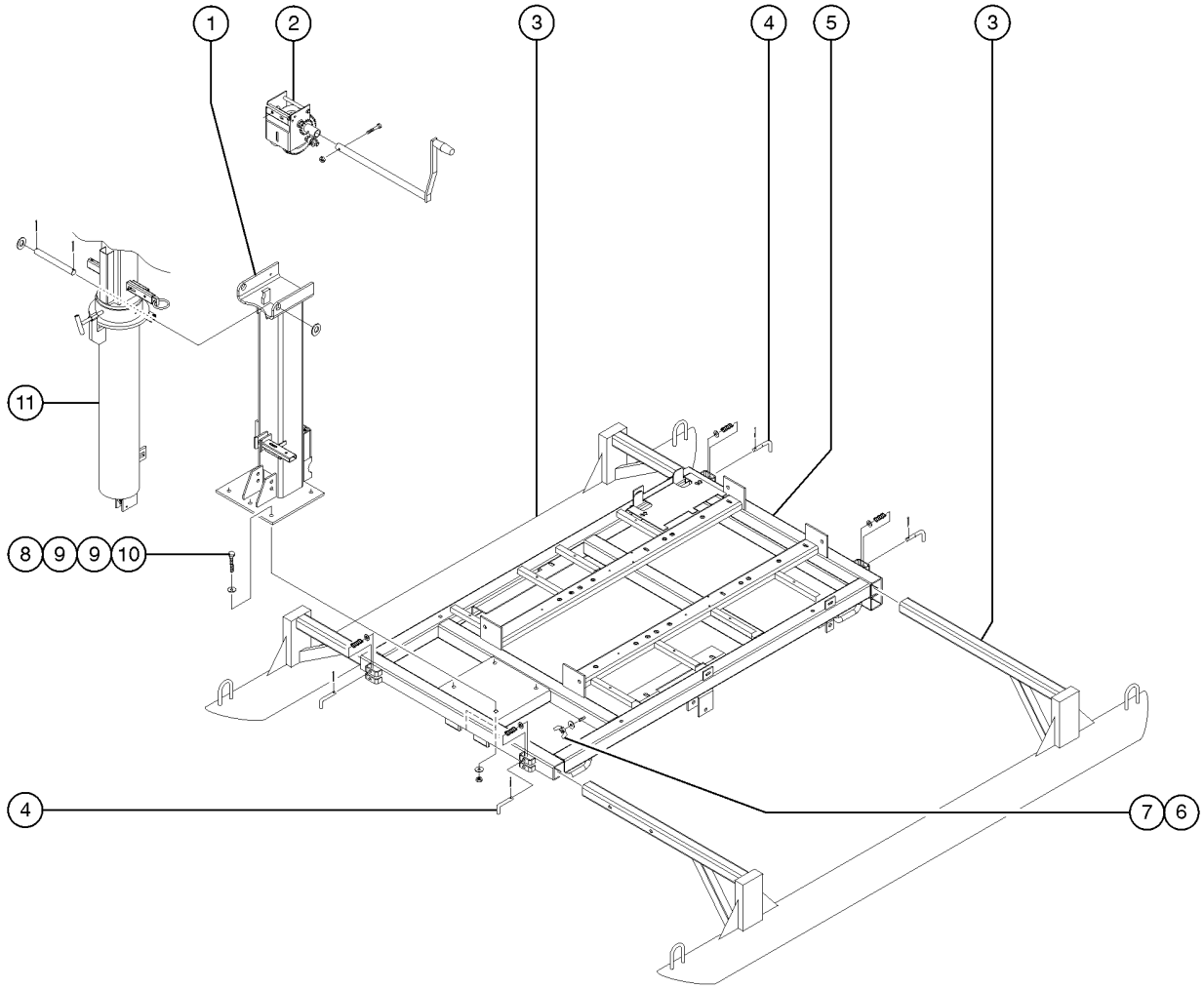
201.1 Chassis



201.1 Chassis

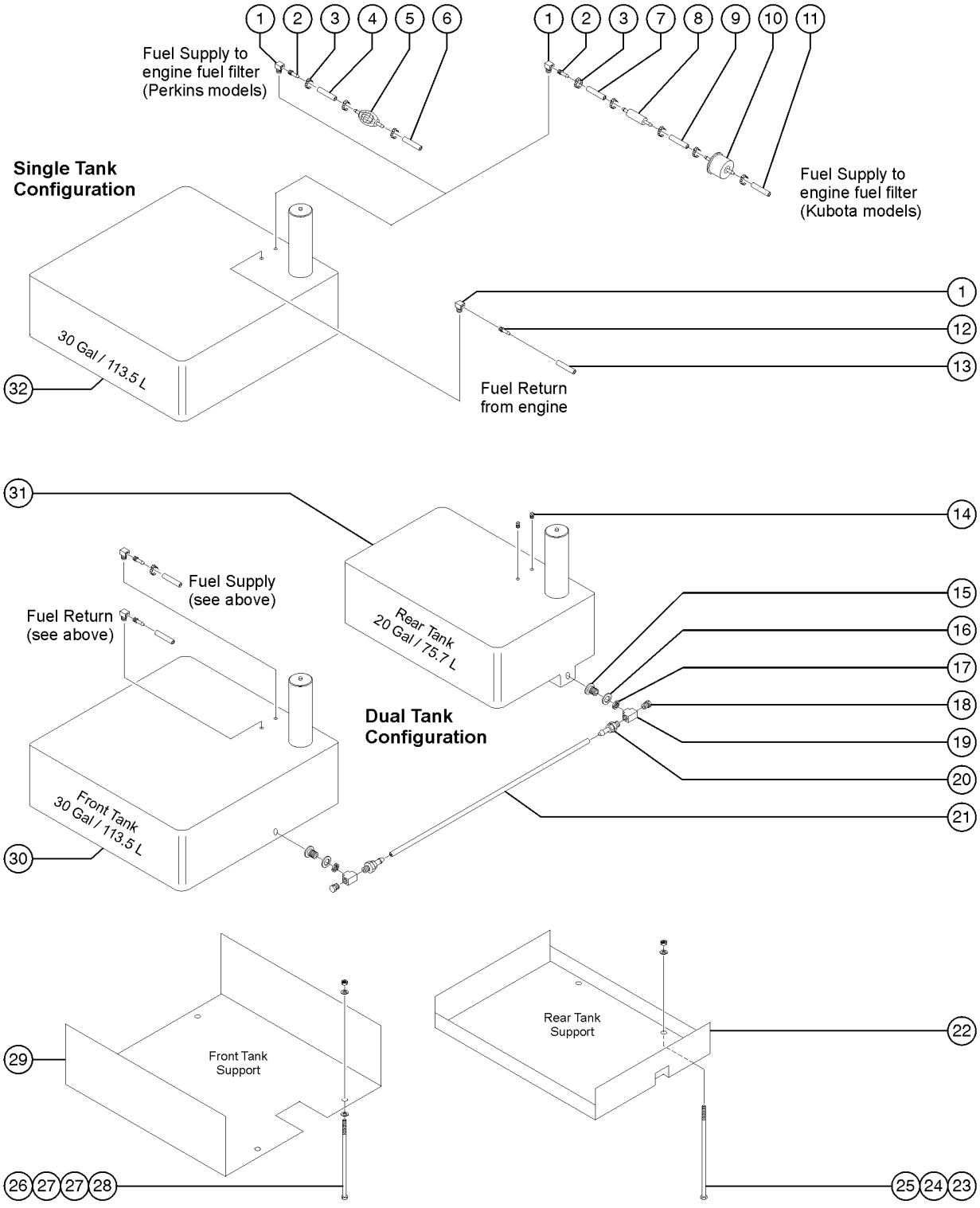
Item	Part No.	Description	Qty.
22	994600GT	SCREW 1/2-13NCX1-1/2H	2
23	6095GT	WASHER,FLAT,USS,1/2",Y	4
24	6198GT	NUT, NYLOCK, 1/2-13	
25	124470GT	TONGUE B-O-H W/JACKBR	1
26		Ref., HITCHES (refer to 205.1)	
27	162160GT	CHAIN, SAFETY, SNAP HOOK	2
27-	32645GT	SCREW,HHC,3/8-16 X 5 GRD 5 ZNC	1
27-	61975GT	RETAINER,SPRING,1.21 X .375	2
27-	6097GT	WASHER, FLAT, USS, 3/8", Y	2
27-	824029GT	NUT, TL FLG, 3/8-16, G, ZAG	1
28	6096GT	SCREW,HHC,1/2-13 X 2 GR5	
29	110040GT	OUTRIGGER 2X2X304819 GALV models with four outriggers	2
30		Ref. 6" ROUND BASE ASSY (refer to 503.1)	

202.1 Skid Chassis Components



Item	*Part No.*	*Description*	*Qty.*
1		Ref. TOWER BASE ASSEMBLY (refer to 502.1)	
2		Ref. WINCH (refer to 209.1)	
3	122025GT	SKID,6PIPE,X120LG,TRLR MT,AL4	2
4	790965GT	PIN,PLUNGER,OUTRIGGER, KIT	4
5		KIT,TRAILER,SKID MT,AL4 No Longer Available	1
6	993240GT	NUT,WING 3/8-16 ZP	1
7	991690GT	WASHER LOCK STAR 3/8	1
8	994600GT	SCREW 1/2-13NCX1-1/2H	4
9	6095GT	WASHER,FLAT,USS,1/2",Y	8
10	6198GT	NUT, NYLOCK, 1/2-13	4
11		Ref. 6" ROUND BASE ASSY (refer to 503.1)	

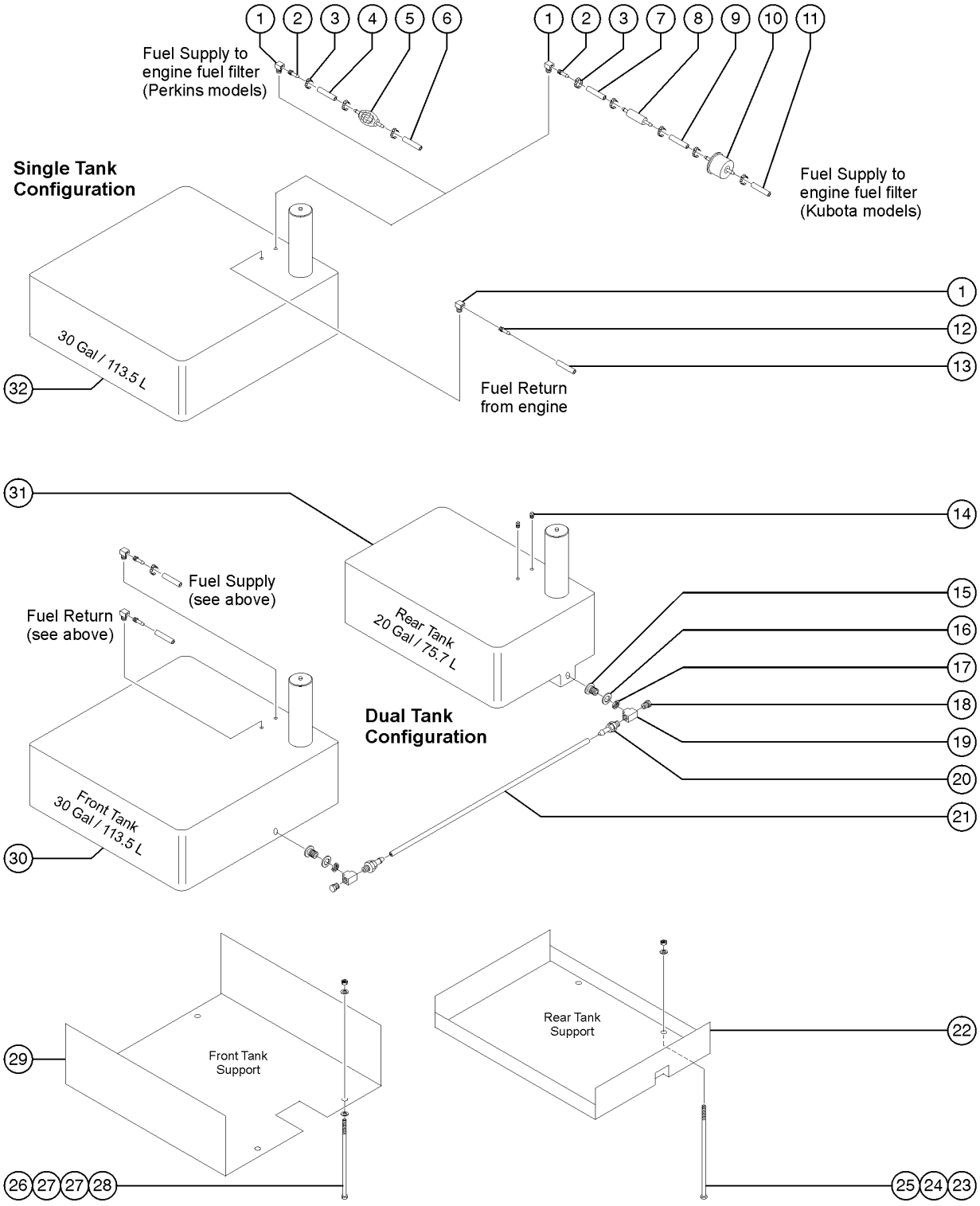
203.1 Fuel Tank and Hoses (models without Spill Containment Option)



203.1 Fuel Tank and Hoses (models without Spill Containment Option)

Item	Part No.	Description	Qty.
1	891520GT	PIPE FITTING STR ELBO	2
2	898590GT	HOSE FITTING PIPE/BAR	1
3	792750GT	CLAMP 7/16 TO 25/32	
4	890795GT	HOSE,FUEL,5/16"ID feet	15 feet
5	85155GT	PUMP,PRIMER,PERKINS*** Perkins models	1
6	890795GT	HOSE,FUEL,5/16"ID feet	3 feet
7	890795GT	HOSE,FUEL,5/16"ID	1 feet
8	740620GT	FILTER,IN-LINE,FUEL,5/16" Kubota models	
9	890795GT	HOSE,FUEL,5/16"ID feet	1 feet
10	660320GT	PUMP,FUEL, 12VDC Kubota models	1
10-	995810GT	SCREW 1/4-20NCX5/8 HW for 660320GT	
10A	R890065GT	HOSE FITTING PIPE/BARB 1/8MX for 660320GT	2
11	890795GT	HOSE,FUEL,5/16"ID feet	2 feet
12	891560GT	HOSE FITTING PIPE/BAR	1
13	890785GT	HOSE,FUEL,1/8"ID feet	3 feet
14	894340GT	PIPE PLUG 3/8 GALV	2
15		PLUG,DRAIN,FUEL TANK dual-tank models	2
15-	189785GT	WASHER RUBBER BUNA-N dual-tank models	
16	990230GT	WASHER,FLAT,3/4 ZP dual-tank models	
17	996375GT	NUT HEX HEAD JAM 3/4- dual-tank models	
18	891190GT	PIPE PLUG 1/8 CS dual-tank models	
19	898575GT	FITTING,TEE,MALE,1/8 dual-tank models	
20	R890065GT	HOSE FITTING PIPE/BARB 1/8MX dual-tank models	
21	890790GT	HOSE,FUEL,1/4"ID,PUSH LOK,200# feet	3 feet
22	116139GT	FUEL TANK PAN,20GAL,AL4 for 189805GT	1
23	116157GT	SCREW,CARRIAGE,3/8-16X12,ZP for 116139GT	4
24	981120GT	WASHER FLAT 3/8 ZP SAE BIN for 116139GT	4
25	824025GT	NUT,TL,3/8-16,C,ZAG for 116139GT	4

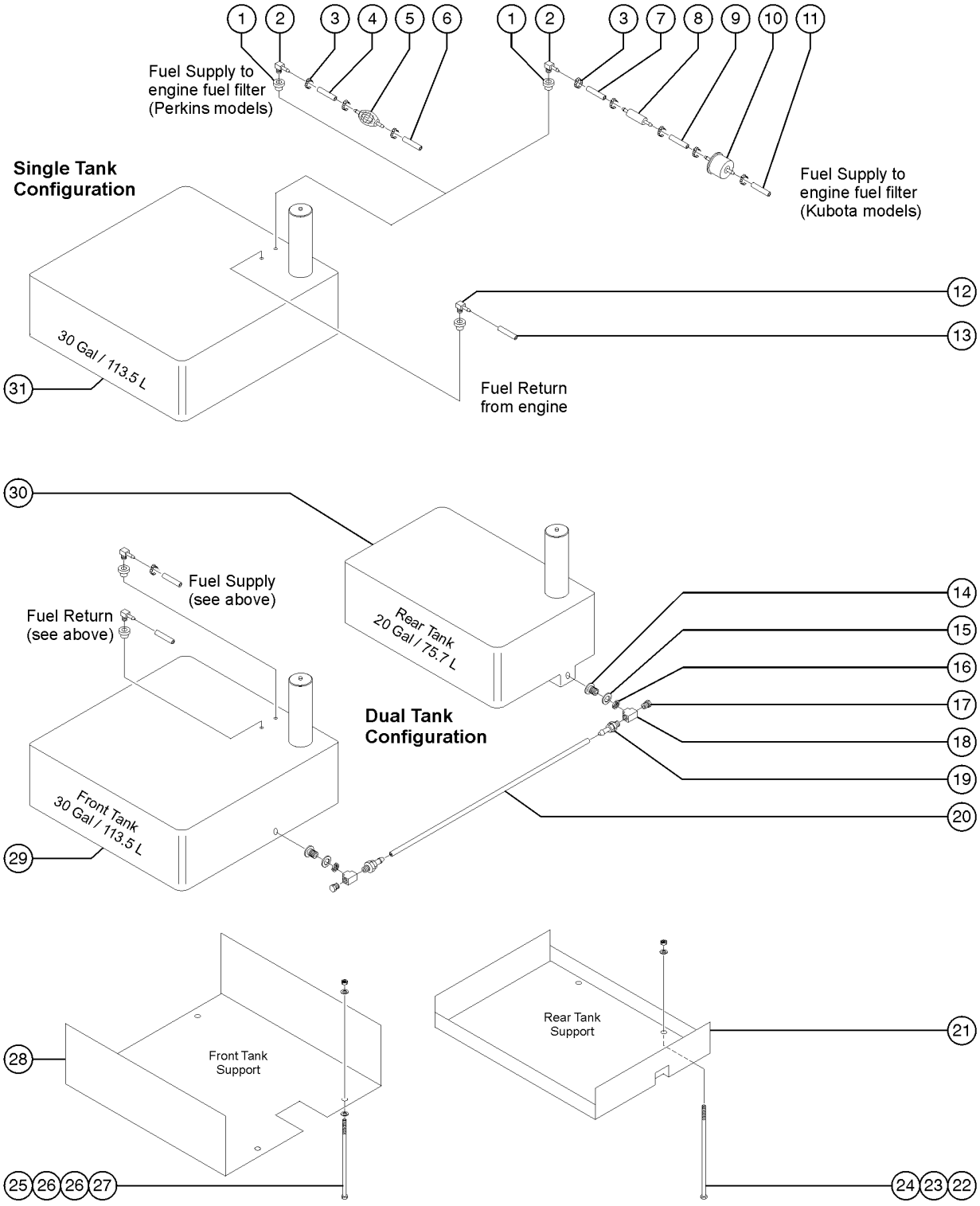
203.1 Fuel Tank and Hoses (models without Spill Containment Option)



203.1 Fuel Tank and Hoses (models without Spill Containment Option)

Item	Part No.	Description	Qty.
26	994650GT	SCREW,HHC,1/2-13 X 10 for 188630GT	4
27	990210GT	WASHER FLAT 1/2ZP for 188630GT	8
28	990200GT	NUT,NYLOCK,1/2-13 GR2 for 188630GT	4
29	188630GT	FUEL TANK PAN, 30 GAL, AL4 for single and dual tank configurations	1
30	189800GT	FUEL TANK,30 GAL W DRAIN HOLE for dual-tank configuration	1
30-	218075GT	CAP FUEL AL4 GAGE W TETHER with fuel-level gauge	
30-	217717GT	CAP FUEL RL4/AL4 WITH TETHER	
30-	22109505GT	KIT: FUEL TANK DRAIN PLUG	
31A	189805GT	FP-FUEL TANK 20GAL W/DRAIN for dual-tank configuration	1
31-	218075GT	CAP FUEL AL4 GAGE W TETHER with fuel-level gauge	
31-	217717GT	CAP FUEL RL4/AL4 WITH TETHER	
31-	22109505GT	KIT: FUEL TANK DRAIN PLUG	
32	1255816GT	KIT TANK 30GAL AL4 SP for single-tank configuration	1
32-	218075GT	CAP FUEL AL4 GAGE W TETHER with fuel-level gauge	
32-	217717GT	CAP FUEL RL4/AL4 WITH TETHER	
32-	22109505GT	KIT: FUEL TANK DRAIN PLUG	

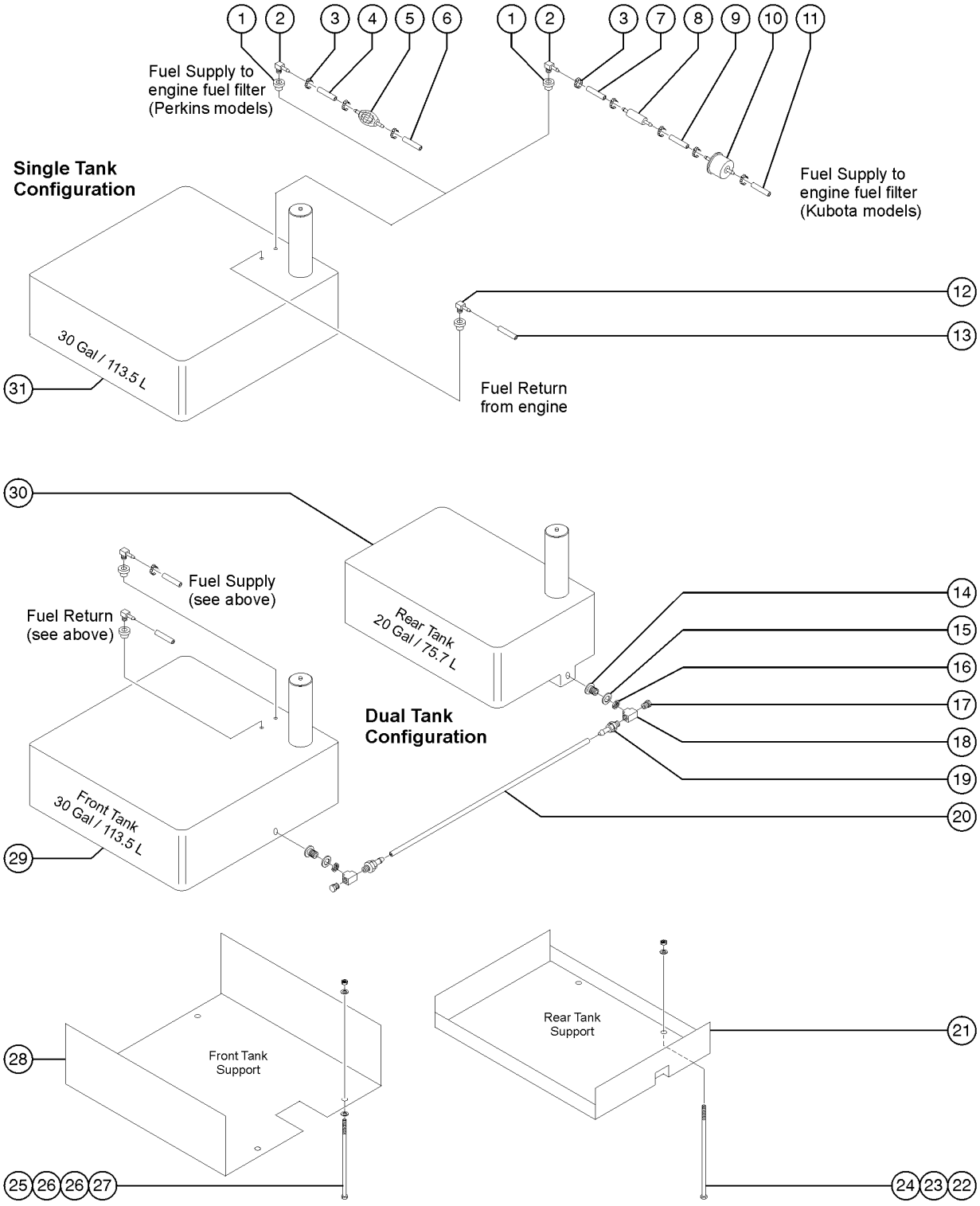
203.2 Fuel Tank and Hoses (models without Spill Containment Option)



203.2 Fuel Tank and Hoses (models without Spill Containment Option)

Item	Part No.	Description	Qty.
1	825081GT	GROMMET DAPCO RUBBER SM	2
2	825076GT	FITTING 5/16, WITH TUBE	1
3	792750GT	CLAMP 7/16 TO 25/32	
4	890795GT	HOSE,FUEL,5/16"ID	15 feet
5	85155GT	PUMP,PRIMER,PERKINS*** Perkins models	1
6	890795GT	HOSE,FUEL,5/16"ID	3 feet
7	890795GT	HOSE,FUEL,5/16"ID	1
8	740620GT	FILTER,IN-LINE,FUEL,5/16" Kubota models	
9	890795GT	HOSE,FUEL,5/16"ID	1 feet
10	660320GT	PUMP,FUEL, 12VDC Kubota models	1
10-	995810GT	SCREW 1/4-20NCX5/8 HW for 660320GT	
10A	R890065GT	HOSE FITTING PIPE/BARB 1/8MX for 660320GT	2
11	890795GT	HOSE,FUEL,5/16"ID	2
12	825079GT	FITTING 1/8,FITTINF FOR DOWN T	1
13	890785GT	HOSE,FUEL,1/8"ID	3 feet
14		PLUG,DRAIN,FUEL TANK dual-tank models	2
14-	189785GT	WASHER RUBBER BUNA-N dual-tank models	
15	990230GT	WASHER,FLAT,3/4 ZP dual-tank models	
16	996375GT	NUT HEX HEAD JAM 3/4- dual-tank models	
17	891190GT	PIPE PLUG 1/8 CS dual-tank models	
18	898575GT	FITTING,TEE,MALE,1/8 dual-tank models	
19	R890065GT	HOSE FITTING PIPE/BARB 1/8MX dual-tank models	
20	890790GT	HOSE,FUEL,1/4"ID,PUSH LOK,200#	3 feet
21	116139GT	FUEL TANK PAN,20GAL,AL4 for 189805GT	1
22	116157GT	SCREW,CARRIAGE,3/8-16X12,ZP for 116139GT	4
23	981120GT	WASHER FLAT 3/8 ZP SAE BIN for 116139GT	4
24	824025GT	NUT,TL,3/8-16,C,ZAG for 116139GT	4
25	994650GT	SCREW,HHC,1/2-13 X 10 for 188630GT	4

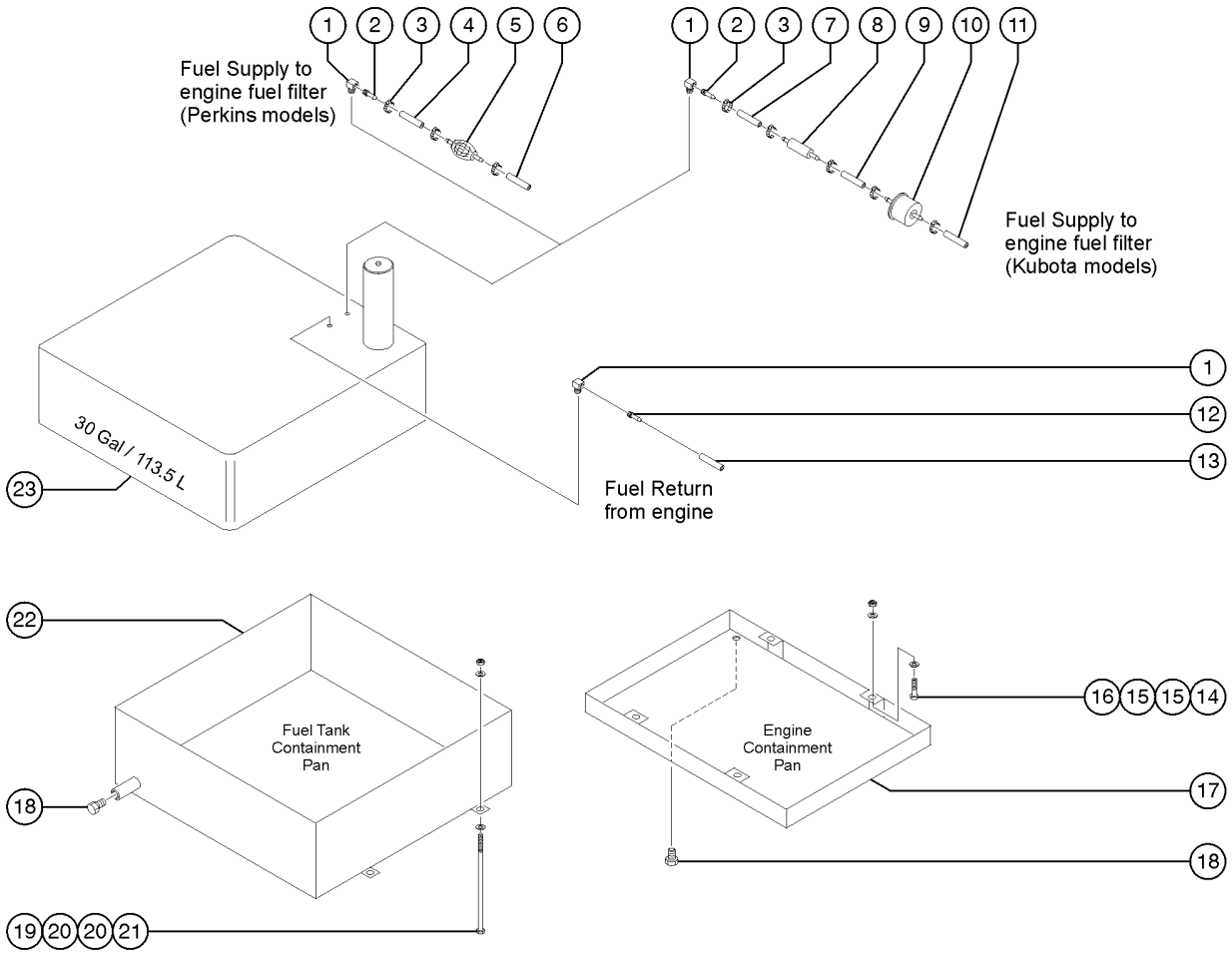
203.2 Fuel Tank and Hoses (models without Spill Containment Option)



203.2 Fuel Tank and Hoses (models without Spill Containment Option)

Item	Part No.	Description	Qty.
26	990210GT	WASHER FLAT 1/2ZP for 188630GT	8
27	990200GT	NUT,NYLOCK,1/2-13 GR2 for 188630GT	4
28	188630GT	FUEL TANK PAN, 30 GAL, AL4 for single and dual tank configurations	1
29	162280GT	FUEL TANK,30 GAL W DRAIN HOLE for dual-tank configuration	1
29-	218075GT	CAP FUEL AL4 GAGE W TETHER with fuel-level gauge	
29-	217717GT	CAP FUEL RL4/AL4 WITH TETHER	
29-	22109505GT	KIT: FUEL TANK DRAIN PLUG	
30A	189805GT	FP-FUEL TANK 20GAL W/DRAIN for dual-tank configuration	1
30-	218075GT	CAP FUEL AL4 GAGE W TETHER with fuel-level gauge	
30-	217717GT	CAP FUEL RL4/AL4 WITH TETHER	
30-	22109505GT	KIT: FUEL TANK DRAIN PLUG	
31	742220GT	FUEL TNK ASSY,PLAS,30G,AL4 for single-tank configuration	1

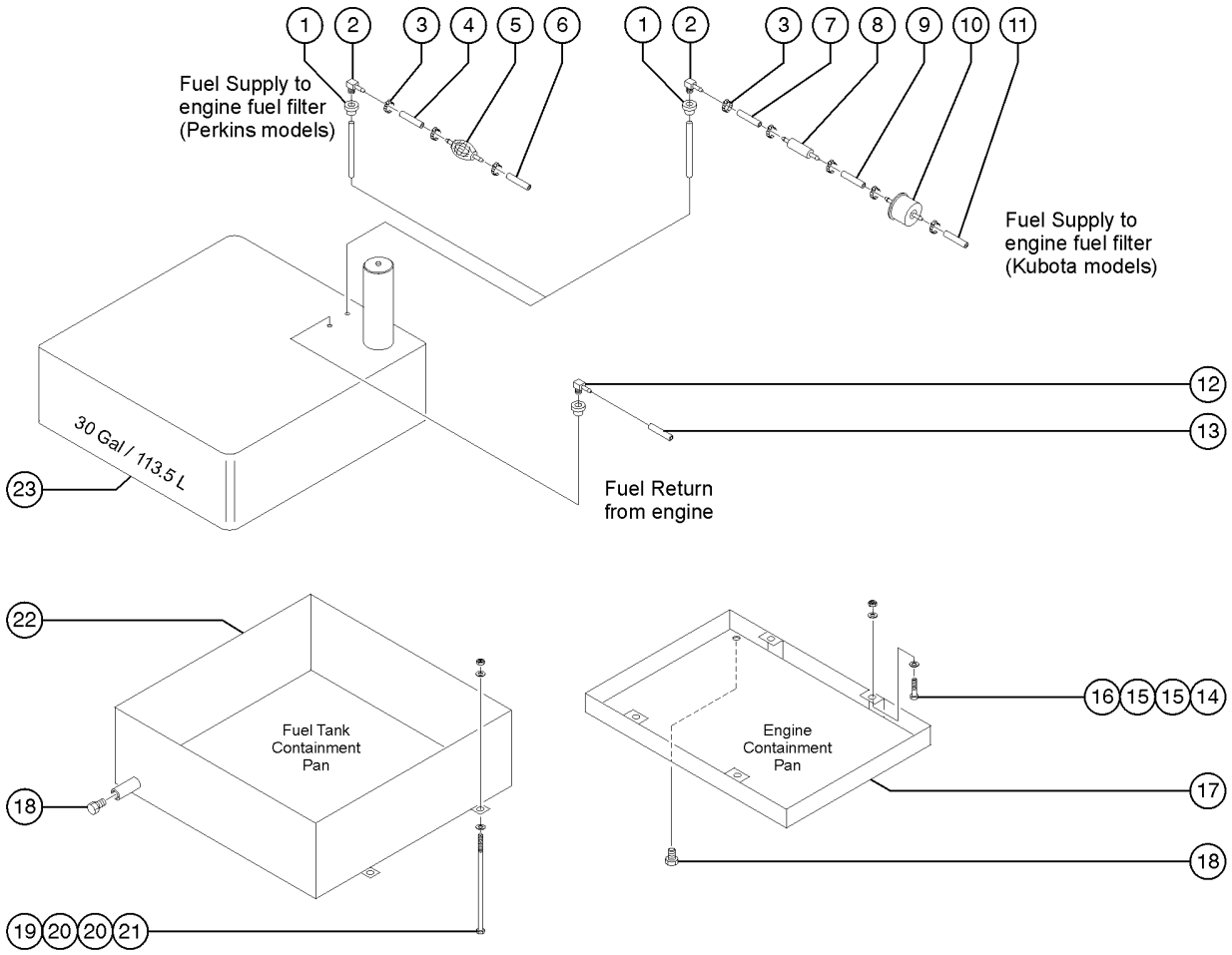
204.1 Fuel Tank and Hoses (models with Spill Containment Option)



204.1 Fuel Tank and Hoses (models with Spill Containment Option)

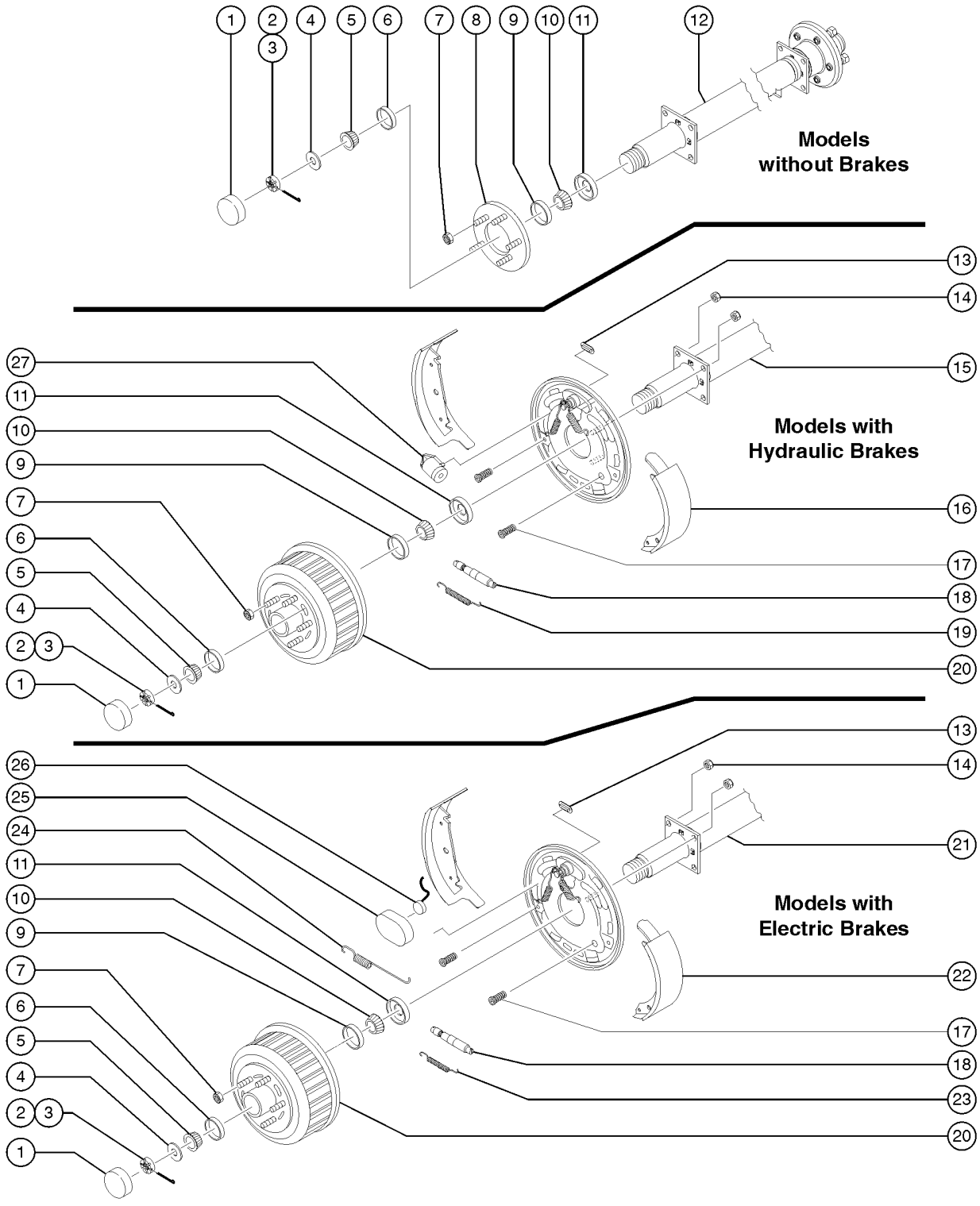
Item	Part No.	Description	Qty.
1		Ref. PIPE FITTING (refer to 203.1)	
2		Ref. HOSE FITTING (refer to 203.1)	
3		Ref. CLAMP (refer to 203.1)	
4		Ref. Hose (refer to 203.1)	
5		Ref. PUMP, PRIMER (refer to 203.1)	
6		Ref. FUEL HOSE (refer to 203.1)	
7		Ref. FUEL HOSE (refer to 203.1)	
8		Ref. FILTER, IN-LINE (refer to 203.1)	
9		Ref. FUEL HOSE (refer to 203.1)	
10		Ref. PUMP, FUEL (refer to 203.1)	
11		Ref. FUEL HOSE (refer to 203.1)	
12		Ref. HOSE FITTING (refer to 203.1)	
13		Ref. FUEL HOSE (refer to 203.1)	
14	992590GT	SCREW 3/8-16NCX1-1/2H	4
15	981120GT	WASHER FLAT 3/8 ZP SAE BIN	8
16	824025GT	NUT,TL,3/8-16,C,ZAG	4
17	124515GT	BUND FLUIDS CONTAINPA	1
18	891194GT	PIPE PLUG 1/2 GALV	2
19	995465GT	SCREW,HHC,1/2-13NCX12,GR2	4
20	990210GT	WASHER FLAT 1/2ZP	8
21	990200GT	NUT,NYLOCK,1/2-13 GR2	4
22	124445GT	BUND FUEL CONTAINPAN	1
23A		Ref. FUEL TANK (refer to 203.1)	
23B	74225GT	TANK FUEL 20GAL RMPE1	

204.2 Fuel Tank and Hoses (models with Spill Containment Option)

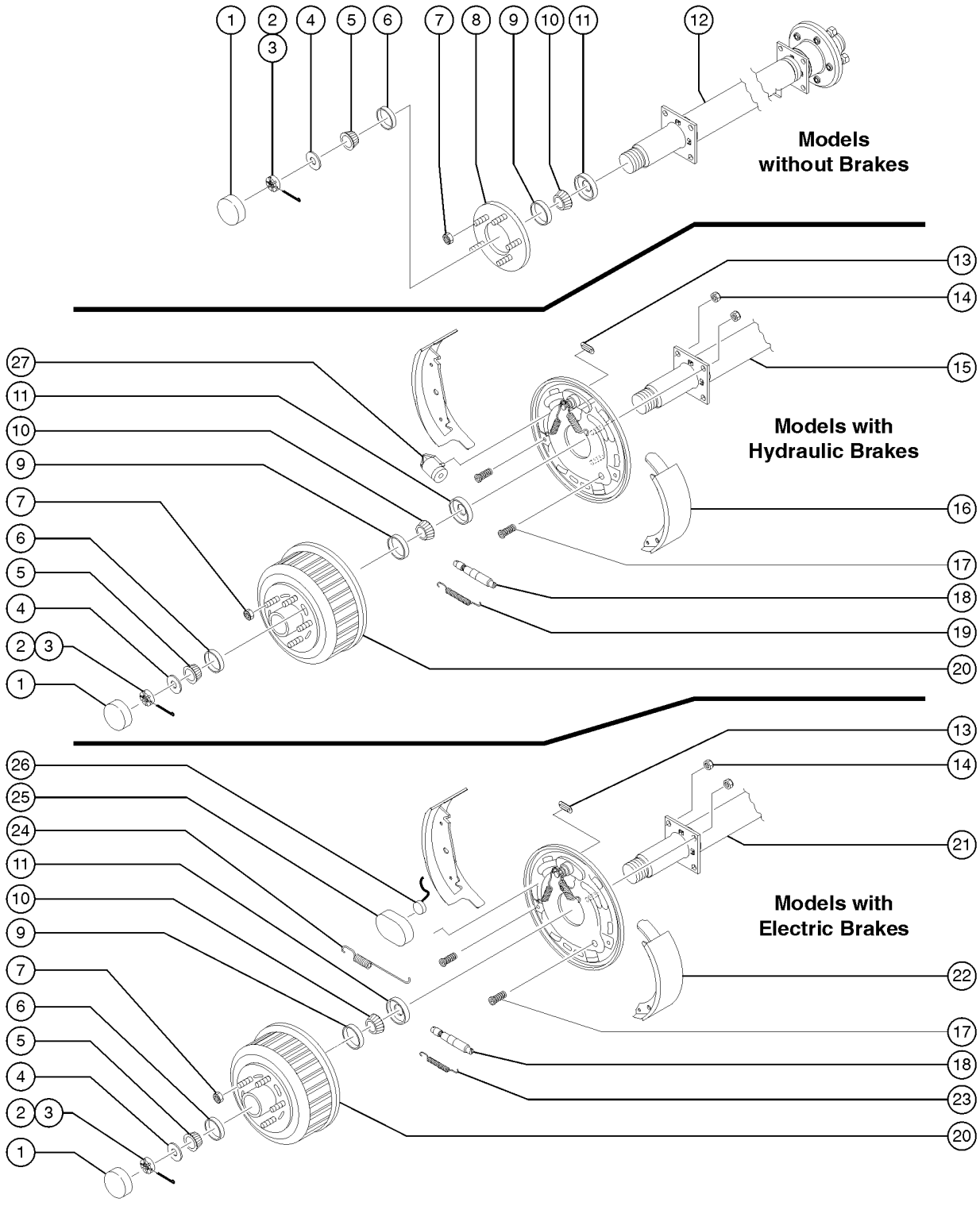


204.2 Fuel Tank and Hoses (models with Spill Containment Option)

Item	Part No.	Description	Qty.
1		Ref. PIPE FITTING (refer to 203.2)	
2		Ref. HOSE FITTING (refer to 203.2)	
3		Ref. CLAMP (refer to 203.2)	
4		Ref. Hose (refer to 203.2)	
5		Ref. PUMP, PRIMER (refer to 203.2)	
6		Ref. FUEL HOSE (refer to 203.2)	
7		Ref. FUEL HOSE (refer to 203.2)	
8		Ref. FILTER, IN-LINE (refer to 203.2)	
9		Ref. FUEL HOSE (refer to 203.2)	
10		Ref. PUMP, FUEL (refer to 203.2)	
11		Ref. FUEL HOSE (refer to 203.2)	
12		Ref. HOSE FITTING (refer to 203.2)	
13		Ref. FUEL HOSE (refer to 203.2)	
14	992590GT	SCREW 3/8-16NCX1-1/2H	4
15	981120GT	WASHER FLAT 3/8 ZP SAE BIN	8
16	824025GT	NUT,TL,3/8-16,C,ZAG	4
17	124515GT	BUND FLUIDS CONTAINPA	1
18	891194GT	PIPE PLUG 1/2 GALV	2
19	995465GT	SCREW,HHC,1/2-13NCX12,GR2	4
20	990210GT	WASHER FLAT 1/2ZP	8
21	990200GT	NUT,NYLOCK,1/2-13 GR2	4
22	124445GT	BUND FUEL CONTAINPAN	1
23A		Ref. FUEL TANK (refer to 203.2)	
23B	74225GT	TANK FUEL 20GAL RMPE1	

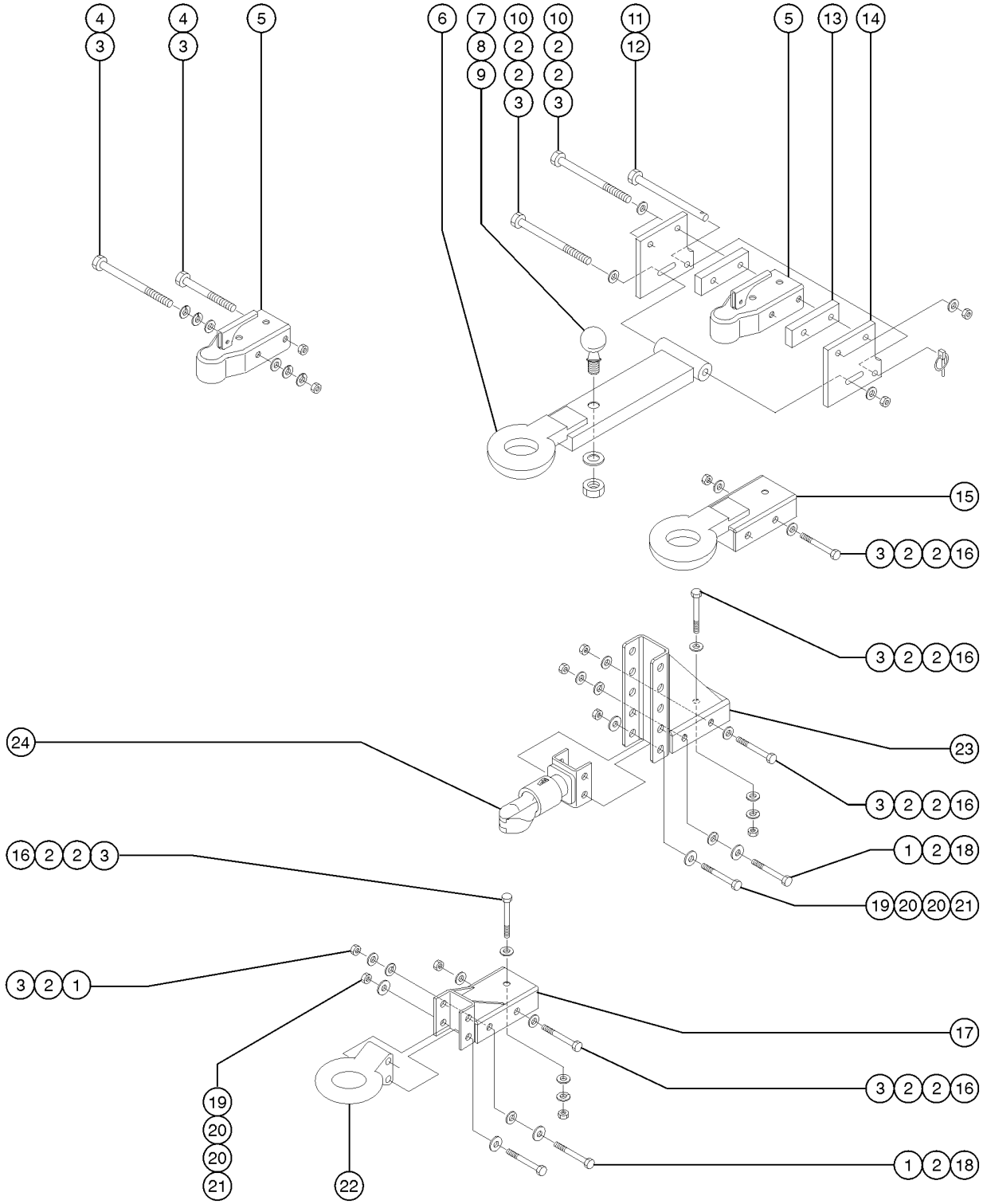

Models without Brakes
Models with Hydraulic Brakes
Models with Electric Brakes

Item	Part No.	Description	Qty.
1	834228GT	GREASE CAP, AXLE, 3000LB	2
2	834250GT	HAMMERBLOW SPINDLE NUT,AXLE	2
3	834255GT	HAMMERBLOW 033008COTTER PIN	2
4	147123GT	WASHER,PLAIN,1"	2
5	230561GT	BEARING,ALXL,840377,841050	2
6	230562GT	RACE,ALXL,840377,841050	2
7	840376GT	NUT,WHEEL, 1/2 X 20	10
8	230566GT	IDLER HUB,ALXL	2
9	230563GT	RACE,ALXL,840377,841050	2
10	834226GT	INNER BEARING	2
11	52265GT	SEAL,GREASE (SL173) replaced 834225GT	2
12	841050GT	AXLE ASSY,3500LB,IDLE,AL4 includes items 1-11	1
13		COVER,ADJ SCREW,ALXL,BRAKE (no longer available from supplier)	2
14	230560GT	NUT,7/16,FH,ZINC,BRAKE, ALXL	10
15A	22105016GT	ASY:AXLE 3500LB W/HYD BRAKE models with ball hitch; includes items 1-11, 13-20 and 26	
15B	22105013GT	ASY:AXLE 3500LB W/HYD BRAKE models with ring hitch; includes items 1-11, 13-20 and 26	
16	230571GT	SHOE AND LINING KIT,ALXL,ELEC	2
17	230577GT	SHOE HOLD DOWN SPRING,ALXL	4
18	230569GT	ADJUSTER SCREW ASSY, ALXL	2
19		ADJUSTER SPRING,E BRAKE,ALXL (no longer available from supplier)	2
20	230565GT	BRAKE DRUM,ALXL	2
21	116941GT	AXLE ASSY ELE,3500 W/PRK BRK includes items 1-11, 13-14, 17-18 and 20-26	
22	230570GT	SHOE AND LINING KIT,ALXL,HYD	2
23	230573GT	ADJUSTER SPRING,H BRAKE,ALXL	2
24	230575GT	RETRACTOR SPRING,E BRK,ALXL	2
25	230568GT	MAGNET,ELEC BRAKE, ALXL	2
26	230567GT	MAGNET SPRING,ELEC BRAKE,ALXL	2
27A	230579GT	WHEEL CYLINDER, LH, ALXL	2


Models without Brakes
Models with Hydraulic Brakes
Models with Electric Brakes

Item	*Part No.*	*Description*	*Qty.*
27B	230580GT	WHEEL CYLINDER, RH, ALXL	2

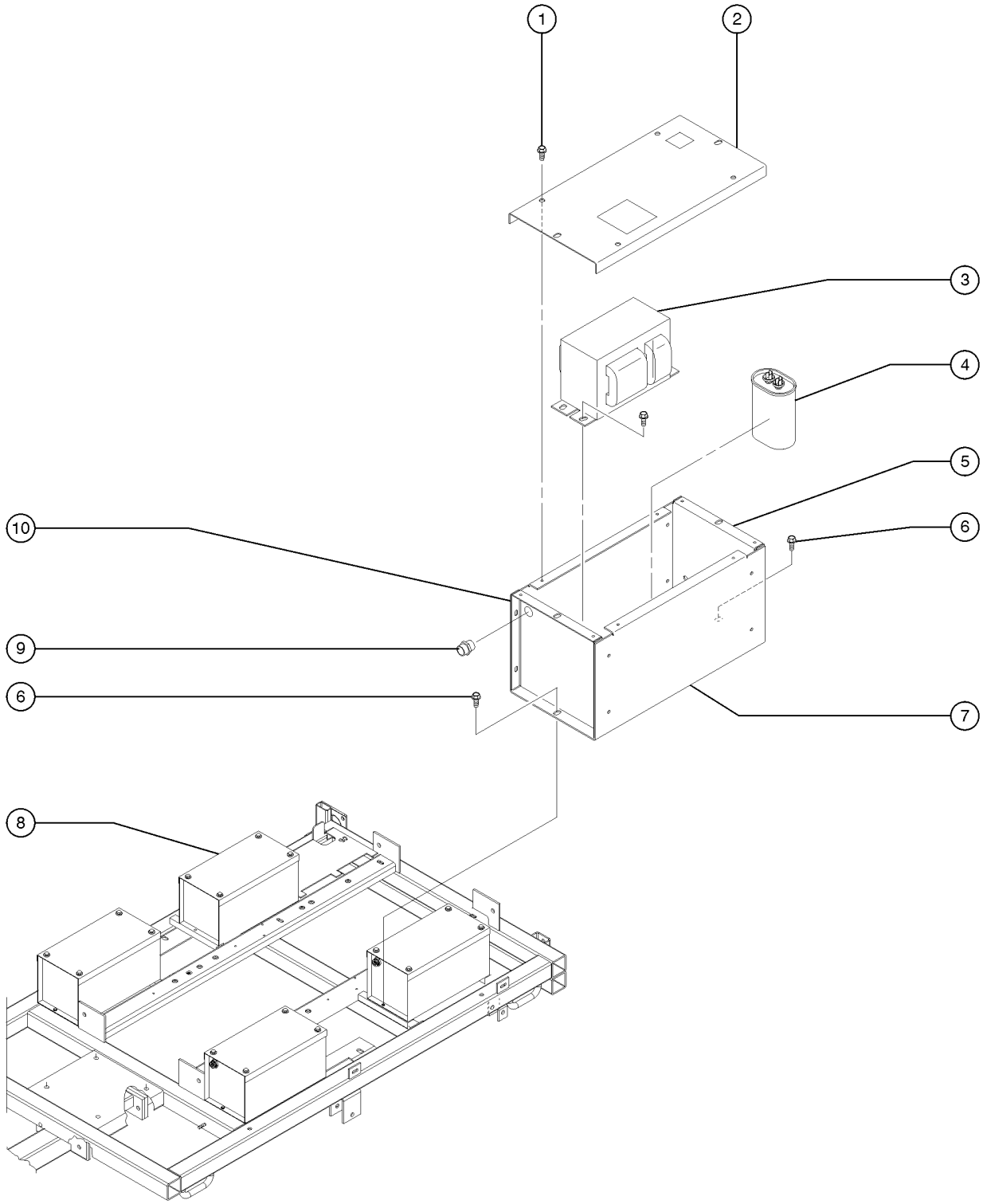
206.1 Hitches



206.1 Hitches

Item	Part No.	Description	Qty.
1	991650GT	WASHER LOCK 1/2ZP	2
2	6095GT	WASHER,FLAT,USS,1/2",Y	
3	6198GT	NUT, NYLOCK, 1/2-13	
4	995310GT	SCREW,HHC,1/2-13 X 4 G	2
5A	57332GT	COUPLER,BALL,2" CLASS II	
5B	227082GT	COUPLER,BALL,2 5/16	
6	T109127GT	HITCH RING,COMBO,16"LENGTH	1
7	89163GT	BALL, 2" ZINC	1
8	122079GT	WASHER,FLAT,1.000,HARDENED	1
9	33265GT	NUT,HEX,1-8	1
10	1256112GT	SCREW,HHC,1/2-13X6,8,ZAG	3
11	183731GT	SCREW,HHC,1/2-13 X 6	1
12	1267867GT	ASSEMBLY, PIN AND CLIP, 1/2" X 6-1/2"	1
13	T109129GT	SPACER,SIDE,COMBO,HTCH,BOLT-ON	2
14	176335GT	PLATE,SIDE,COMBO HITCH,BOLT-ON	2
15	213770GT	HITCH,RING,BOLT-ON 2.5" ID	1
16	13854GT	SCREW,HHC,1/2-13 X 4.5,GRD.8	2
17	116936GT	AS-RING HITCH MOUNT no longer available	1
18	6-5208-44GT	SCREW,HHC,1/2-13 X 5.5,GRD.8	1
19	123461GT	SCREW,HHC,5/8-11X4.50,GR8,Y	2
20	6035GT	WASHER,FLAT,USS,5/8",Y	4
21	6024GT	NUT,NYLOCK,5/8-11	1
22A	116937GT	HITCH,2.5"RING,6 TON	1
22B	T110632GT	HITCH,3"RING,6TON	1
23	218691GT	BRACKET ADJ HGT 6"	1
24A	67231GT	COUPLER 2-5/16" BALL BULLDOG T	1
24B	67230GT	COUPLER 2" BALL BULLDOG TMZ	1

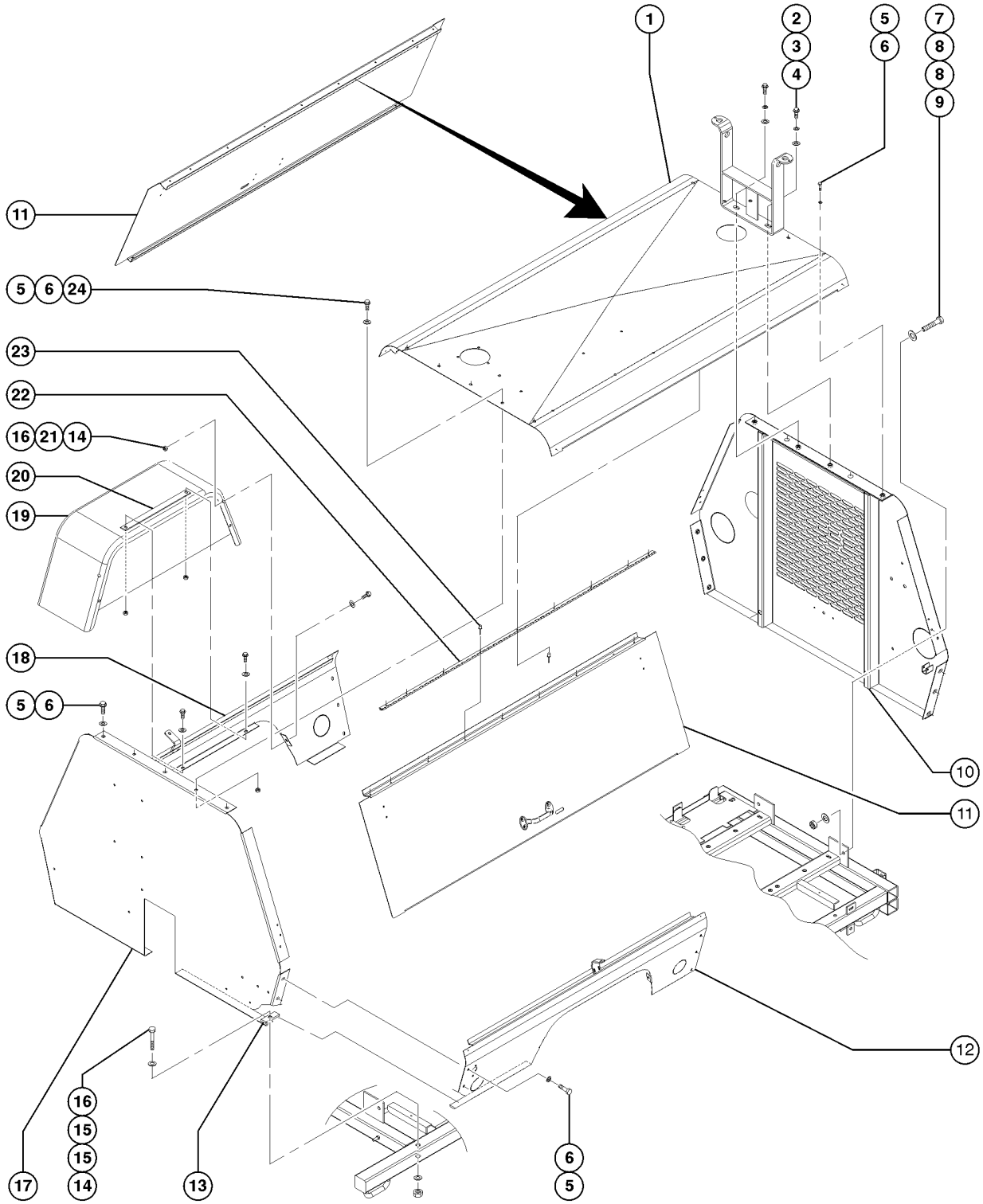
207.1 Ballast Box



207.1 Ballast Box

Item	Part No.	Description	Qty.
1	995490GT	SCREW,HH SLOT,1/4 X 0.75	
2	161181GT	FP-BALLAST BOX TOP	1
3A	160030GT	BALLAST/CAP MH60Hz120 (includes item 4A)	1
3B	160490GT	BALLAST MH 50HZ 120V/ (includes item 4B)	
4A	160032GT	CAPACITOR 24uF MH 60H	1
4B	160033GT	CAPACITOR,50HZ MH,26MF(BALLAST	
5	161185GT	FP-BALLAST BOX FRONT	1
6	995810GT	SCREW 1/4-20NCX5/8 HW	8
7	161180GT	FP-BALLAST BOX BOTTOM	1
8A	114355GT	BALLAST ASSY,60HZ,MH,1KW,120V (without decals, refer to section 1)	1
8B	115366GT	BALLAST ASSY,50HZ,MH,1000W (without decals, refer to section 1)	
8C	114895GT	BALLAST ASSY,60HZ,HPS,1000W (without decals, refer to section 1)	
8D	22114359GT	BALLAST ASSY,50HZ,MH,1000W AUS (without decals, refer to section 1)	
9	663860GT	CONNECTOR 5P MALE RECEPTACLE	1
10	161184GT	FP-BALLAST BOX REAR	1

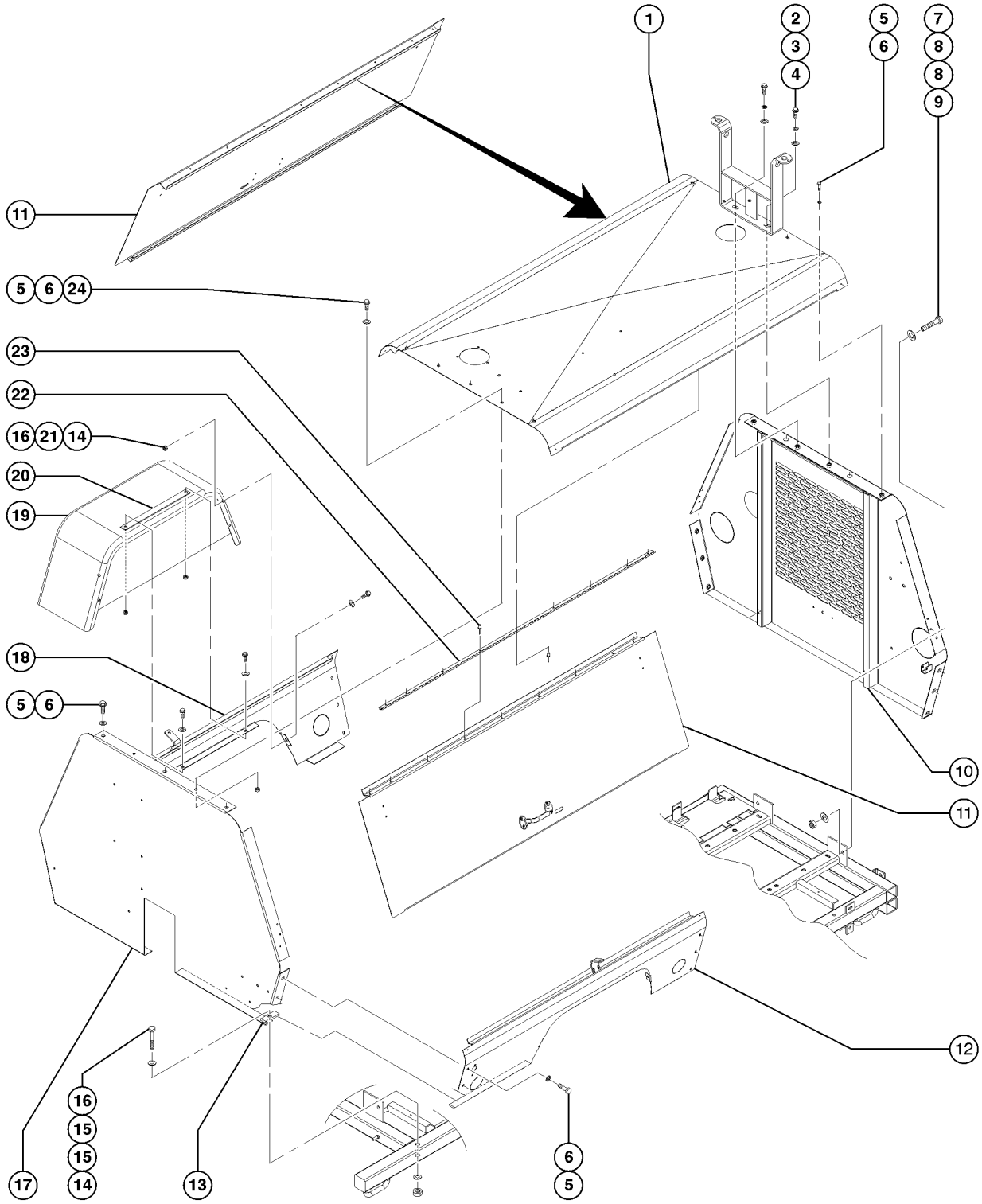
208.1 Cabinet, View 1 (to SN AL413-2416)



208.1 Cabinet, View 1 (to SN AL413-2416)

Item	Part No.	Description	Qty.
	972885GT	KIT:CABINET BOLT-TOGETHER	
	974635GT	KIT:CABINET MOUNT REAR AL4/5/7	
	974636GT	KIT:CABINET MOUNT SIDES	
	974637GT	KIT:CABINET MOUNT FRONT AL4000	
1	188554GT	CABINET TOP PANELAL4 AUTOSTART	1
2	994600GT	SCREW 1/2-13NCX1-1/2H	
3	991650GT	WASHER LOCK 1/2ZP	
4	993860GT	WASHER,FLAT,1/2 SS 18-8 BIN	
5	995810GT	SCREW 1/4-20NCX5/8 HW	
6	75144GT	WASHER,FLAT,M6 PLTD.FW	
7	990270GT	SCREW,HHC,1/2-13 X 3.5 GR8	
8	6095GT	WASHER,FLAT,USS,1/2",Y	
9	6198GT	NUT, NYLOCK, 1/2-13	
10B	230738GT	AS-PANEL, REAR,CABINET,AL4	1
10C	T111131GT	CABINET REAR PANEL BLKOUT (for models with blackout light option)	
11	188560GT	PANEL,DOOR,CABINET,AL4	2
12A	110340GT	CABLE ASSY, RETRACT SET (PAIR)	1
12B	T111112GT	PANEL,CABINET,RDSIDE BLKOUT (for models with blackout light option)	
13	993900GT	WASHER RECTANGULAR1/4	2
14	990160GT	SCREW,HHC,3/8-16 X 3.75	
15	990080GT	WASHER FLAT 3/8USS ZPBIN	
16	824025GT	NUT,TL,3/8-16,C,ZAG	
17	188530GT	CABINET FRONT PANELAL	1
18A	188580GT	PANEL,CABINET, CURB SIDE	1
18B	T111113GT	PANEL,CABINET,CRBSIDE BLKOUT (for models with blackout light option)	
19	123490GT	FENDER W/SKIRT,STEEL	2
20	930950GT	WTHRSRIP, 1/4" X 1/2"W	2
21	990340GT	WASHER FLAT 1/4ZPLENSETBIN	

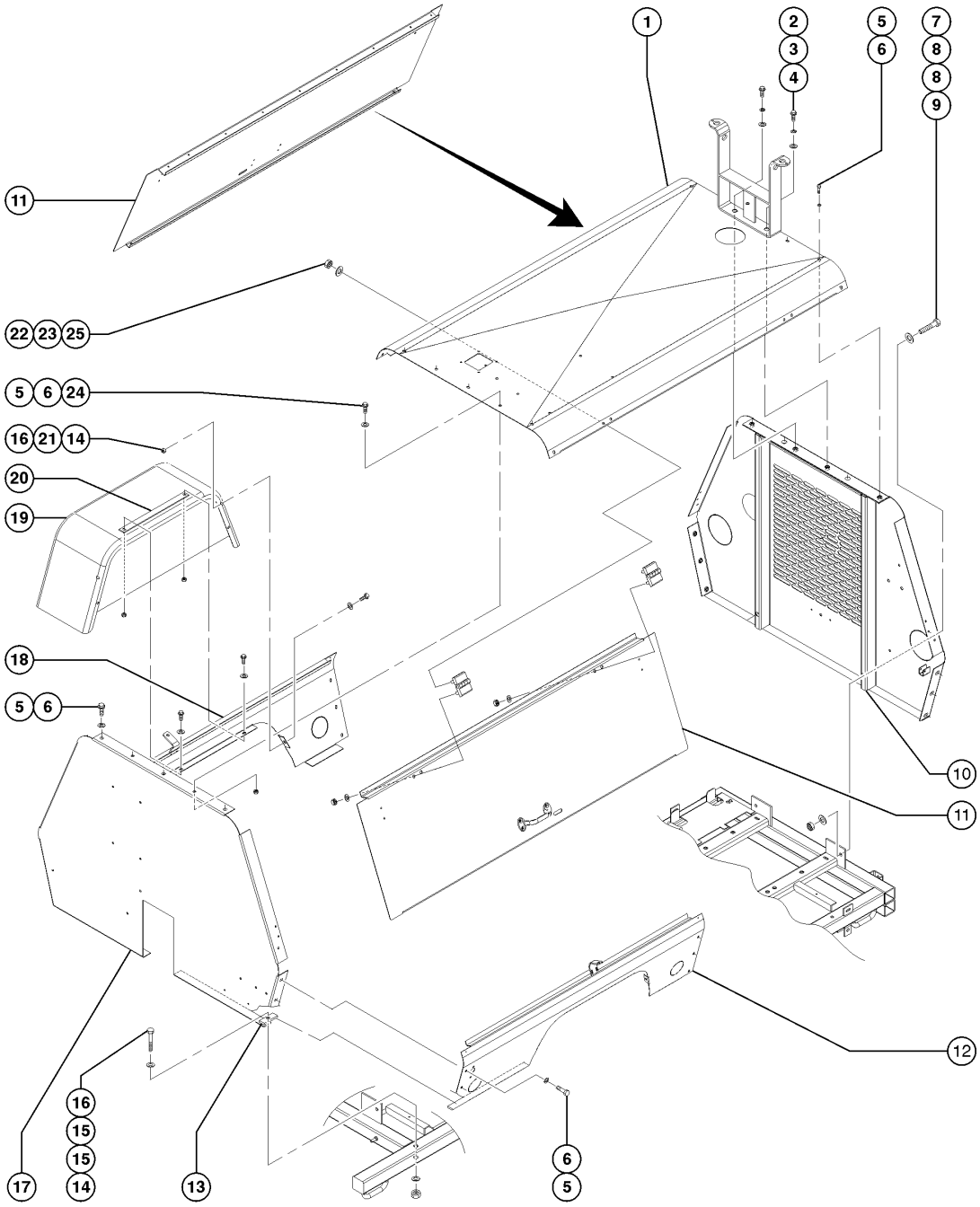
208.1 Cabinet, View 1 (to SN AL413-2416)



208.1 Cabinet, View 1 (to SN AL413-2416)

Item	Part No.	Description	Qty.
22	796610GT	HINGE,PIANO,1.5"W X 51.75"L	2
23	990670GT	RIVET,POP,SS,3/16"X1/2" BLIND	
24	824024GT	NUT, TL, 1/4-20, C, ZAG	

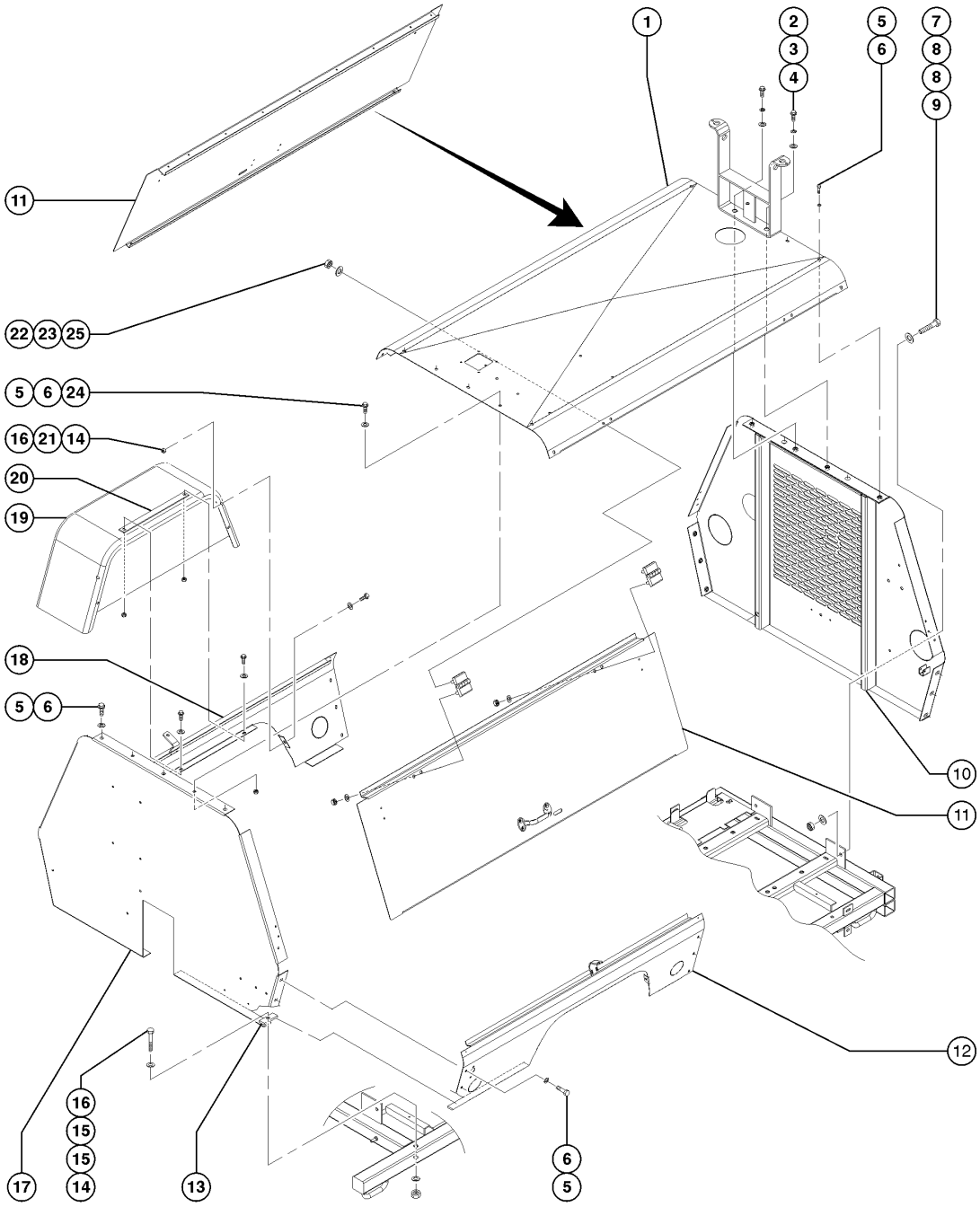
208.2 Cabinet, View 1 (from SN AL413-2417)



208.2 Cabinet, View 1 (from SN AL413-2417)

Item	Part No.	Description	Qty.
	972885GT	KIT:CABINET BOLT-TOGETHER	
	974635GT	KIT:CABINET MOUNT REAR AL4/5/7	
	974636GT	KIT:CABINET MOUNT SIDES	
	974637GT	KIT:CABINET MOUNT FRONT AL4000	
1	160422GT	TOP, CABINET, AL4 BUTT HINGE	1
2	994600GT	SCREW 1/2-13NCX1-1/2H	
3	991650GT	WASHER LOCK 1/2ZP	
4	993860GT	WASHER,FLAT,1/2 SS 18-8 BIN	
5	995810GT	SCREW 1/4-20NCX5/8 HW	
6	75144GT	WASHER,FLAT,M6 PLTD.FW	
7	990270GT	SCREW,HHC,1/2-13 X 3.5 GR8	
8	6095GT	WASHER,FLAT,USS,1/2",Y	
9	6198GT	NUT, NYLOCK, 1/2-13	
10B	230738GT	AS-PANEL, REAR,CABINET,AL4	1
10C	T111131GT	CABINET REAR PANEL BLKOUT (for models with blackout light option)	
11	160423GT	DOOR, CABINET, AL4, BUTT HINGE	2
12A	110340GT	CABLE ASSY, RETRACT SET (PAIR)	1
12B	T111112GT	PANEL,CABINET,RDSIDE BLKOUT (for models with blackout light option)	
13	993900GT	WASHER RECTANGULAR1/4	2
14	990160GT	SCREW,HHC,3/8-16 X 3.75	
15	990080GT	WASHER FLAT 3/8USS ZPBIN	
16	824025GT	NUT,TL,3/8-16,C,ZAG	
17	188530GT	CABINET FRONT PANELAL	1
18A	188580GT	PANEL,CABINET, CURB SIDE	1
18B	T111113GT	PANEL,CABINET,CRBSIDE BLKOUT (for models with blackout light option)	
19	123490GT	FENDER W/SKIRT,STEEL	2
20	930950GT	WTHRSRIP, 1/4" X 1/2"W	2
21	990340GT	WASHER FLAT 1/4ZPLENSETBIN	

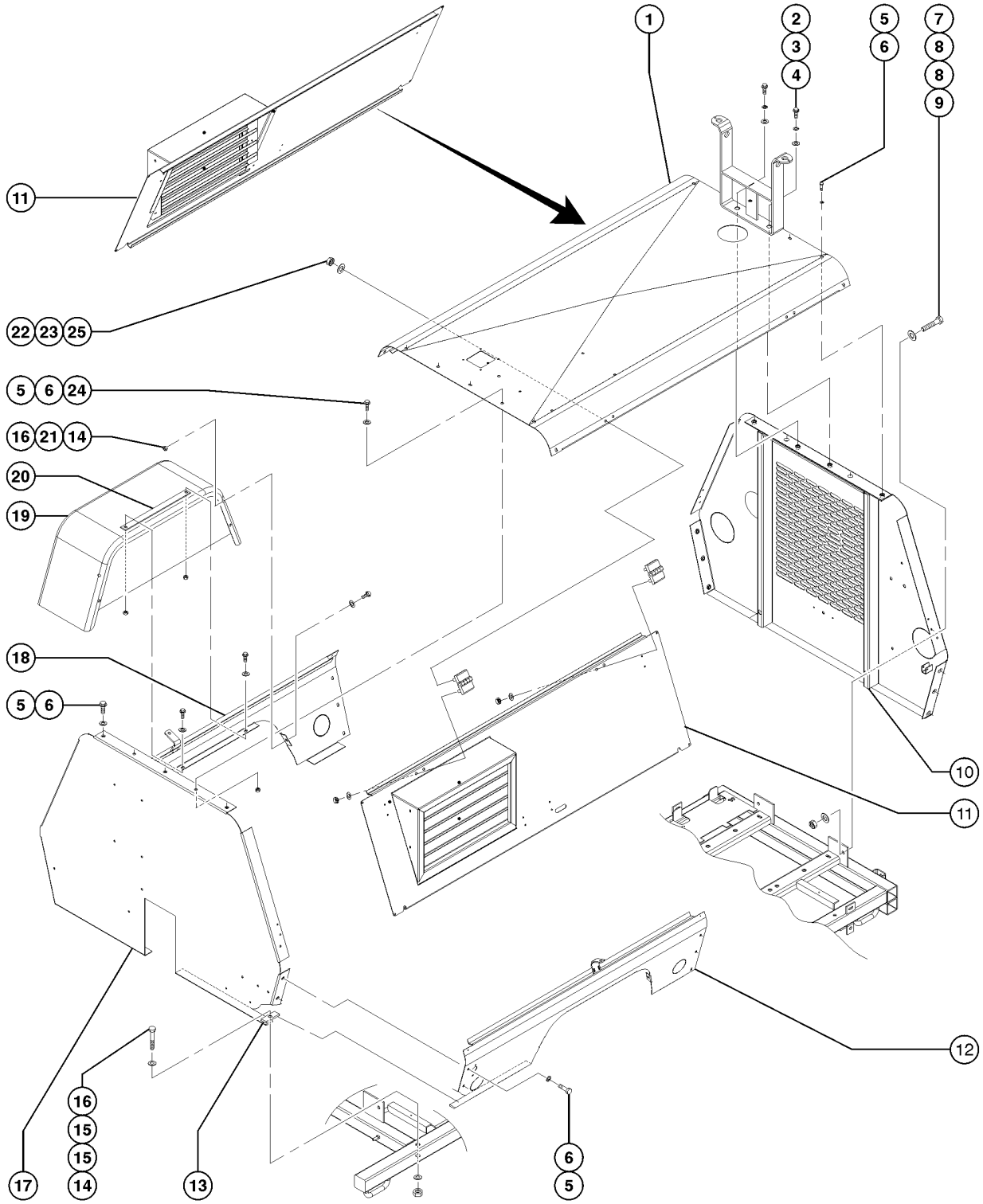
208.2 Cabinet, View 1 (from SN AL413-2417)



208.2 Cabinet, View 1 (from SN AL413-2417)

Item	Part No.	Description	Qty.
22	237832GT	NUT,TL FLG,M8-1.25,DIN6927,10,ZAB	2
23	5397GT	WASHER, FLAT, USS, 5/16-18	
24	824024GT	NUT, TL, 1/4-20, C, ZAG	
25	160421GT	HINGE, BUTT	

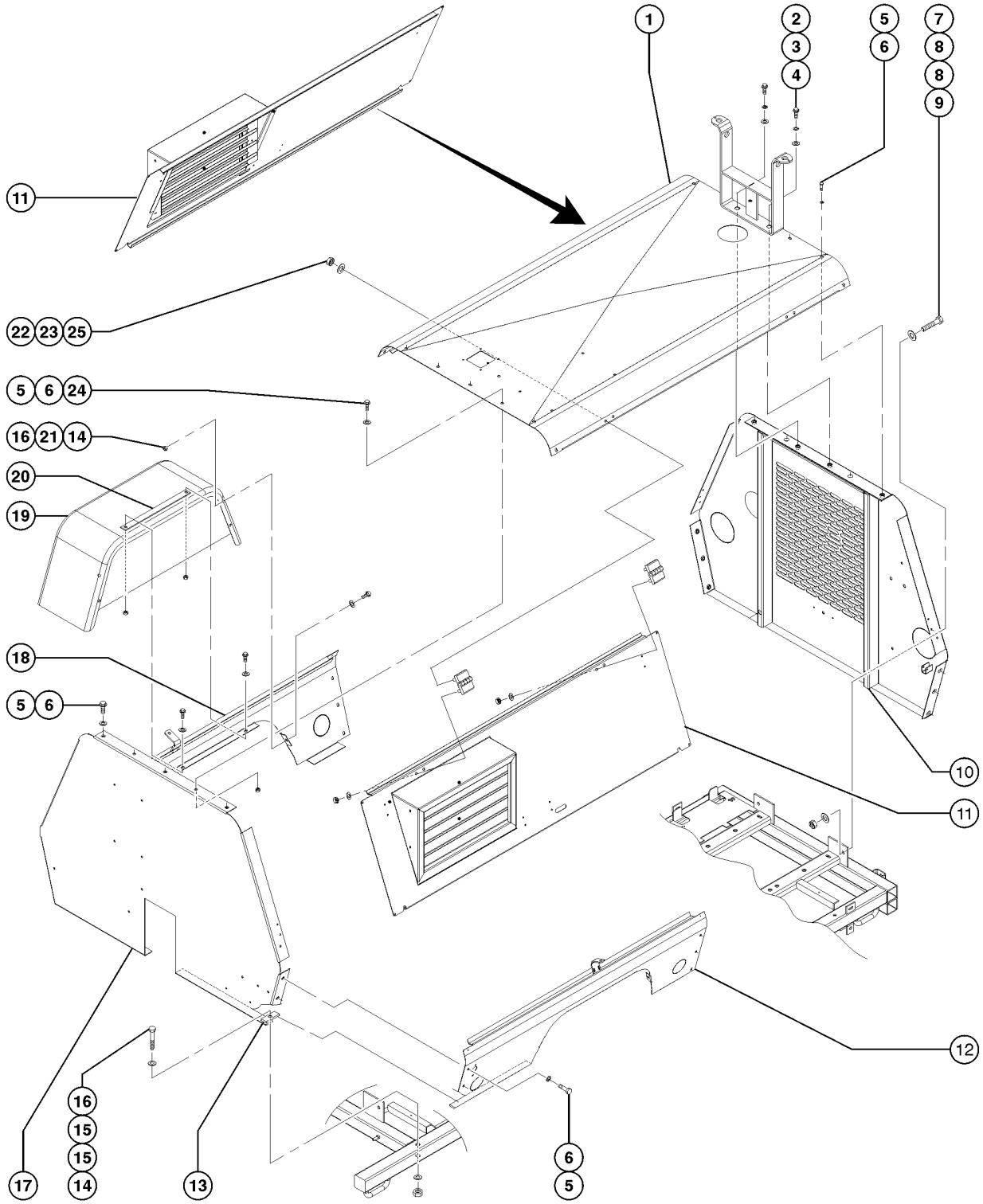
208.3 Cabinet, View 1 (models with Spill Containment Option)



208.3 Cabinet, View 1 (models with Spill Containment Option)

Item	Part No.	Description	Qty.
	972885GT	KIT:CABINET BOLT-TOGETHER	
	974635GT	KIT:CABINET MOUNT REAR AL4/5/7	
	974636GT	KIT:CABINET MOUNT SIDES	
	974637GT	KIT:CABINET MOUNT FRONT AL4000	
1	160422GT	TOP, CABINET, AL4 BUTT HINGE	1
2	994600GT	SCREW 1/2-13NCX1-1/2H	
3	991650GT	WASHER LOCK 1/2ZP	
4	993860GT	WASHER,FLAT,1/2 SS 18-8 BIN	
5	995810GT	SCREW 1/4-20NCX5/8 HW	
6	75144GT	WASHER,FLAT,M6 PLTD.FW	
7	990270GT	SCREW,HHC,1/2-13 X 3.5 GR8	
8	6095GT	WASHER,FLAT,USS,1/2",Y	
9	6198GT	NUT, NYLOCK, 1/2-13	
10B	230738GT	AS-PANEL, REAR,CABINET,AL4	1
10C	T111131GT	CABINET REAR PANEL BLKOUT (for models with blackout light option)	
11A	1284614GT	WELDMENT, DOOR, LOUVRED, CS, AL4 (for models with spill containment option)	1
11B	1284615GT	WELDMENT, DOOR, LOUVRED, RS, AL4 (for models with spill containment option)	1
12A	110340GT	CABLE ASSY, RETRACT SET (PAIR)	1
12B	T111112GT	PANEL,CABINET,RDSIDE BLKOUT (for models with blackout light option)	
13	993900GT	WASHER RECTANGULAR1/4	2
14	990160GT	SCREW,HHC,3/8-16 X 3.75	
15	990080GT	WASHER FLAT 3/8USS ZPBIN	
16	824025GT	NUT,TL,3/8-16,C,ZAG	
17	188530GT	CABINET FRONT PANELAL	1
18A	188580GT	PANEL,CABINET, CURB SIDE	1
18B	T111113GT	PANEL,CABINET,CRBSIDE BLKOUT (for models with blackout light option)	
19	123490GT	FENDER W/SKIRT,STEEL	2
20	930950GT	WTHRSRIP, 1/4" X 1/2"W	2

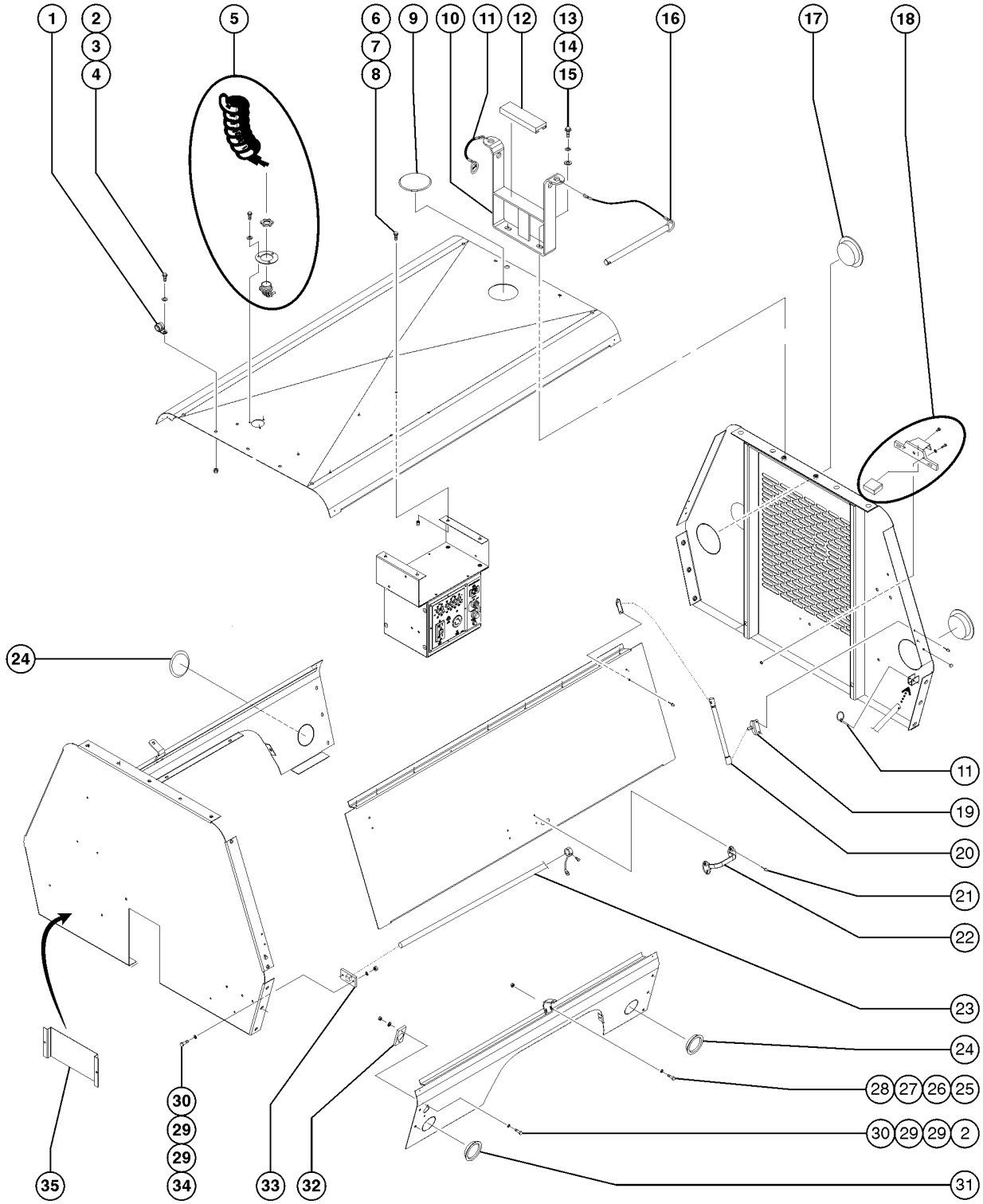
208.3 Cabinet, View 1 (models with Spill Containment Option)



208.3 Cabinet, View 1 (models with Spill Containment Option)

Item	*Part No.*	*Description*	*Qty.*
21	990340GT	WASHER FLAT 1/4ZPLENSETBIN	
22	237832GT	NUT,TL FLG,M8-1.25,DIN6927,10,ZAB	2
23	5397GT	WASHER, FLAT, USS, 5/16-18	
24	824024GT	NUT, TL, 1/4-20, C, ZAG	
25	160421GT	HINGE, BUTT	

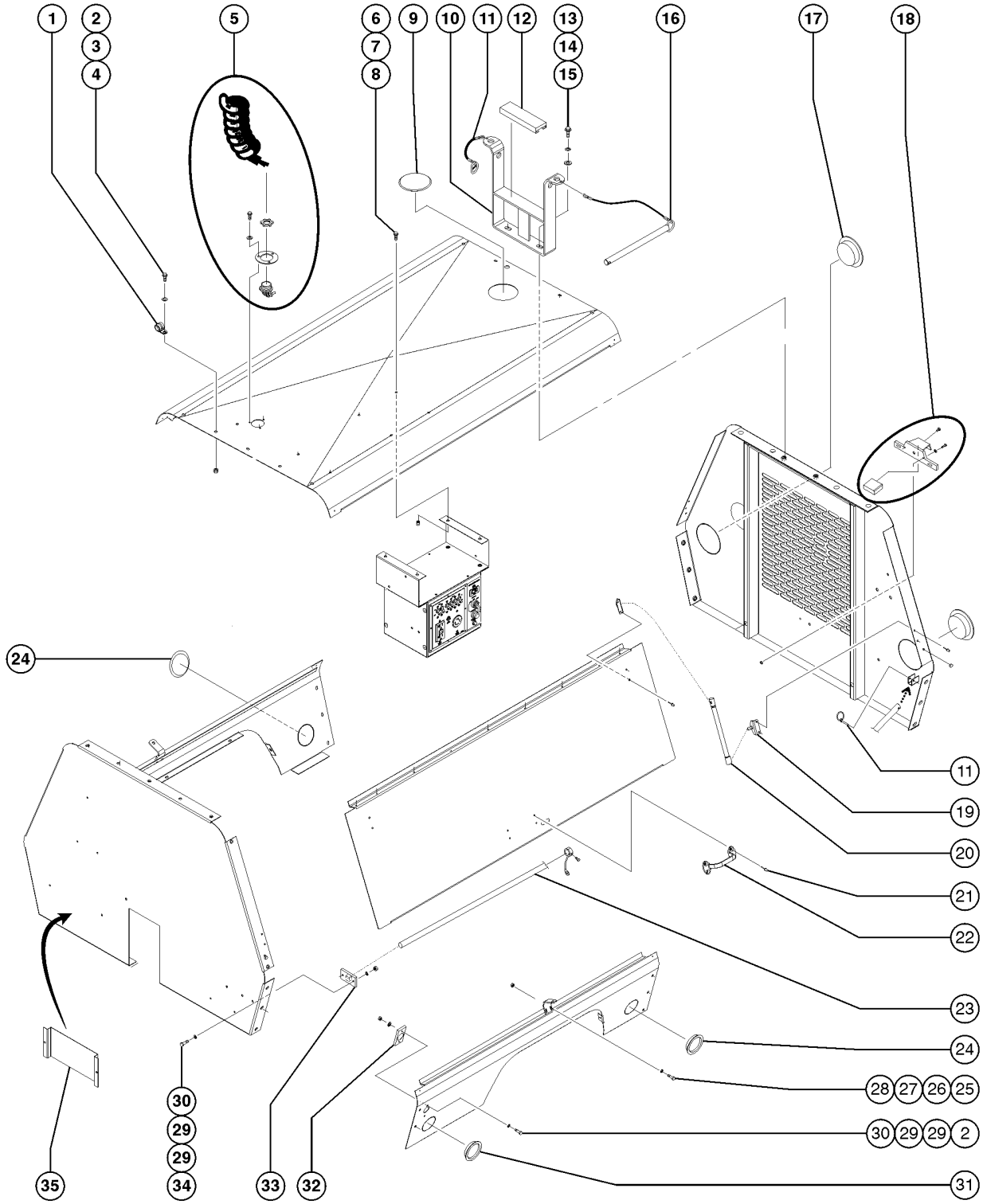
209.1 Cabinet, View 2



209.1 Cabinet, View 2

Item	Part No.	Description	Qty.
A	1289520GT	MODULE, TELEMATICS, ZTR, M7, NORTH AMERICA	
A	1289561GT	BRACKET, TELEMATICS	
1	684200GT	CLAMP CABLE 5/8 1-HOL	
2	995810GT	SCREW 1/4-20NCX5/8 HW	
3	75144GT	WASHER,FLAT,M6 PLTD.FW	
4	824024GT	NUT, TL, 1/4-20, C, ZAG	
5		Ref. Coil Cord Kit (refer to 413.1)	
6	C51601570GT	SCREW FLANGE 3/8X 3/4	
7	T109006GT	WASHER,FLAT BOUNDED,3/16X1/2	
8	993310GT	NUTSERT,1/4-20	
9	57587GT	PLUG, 4", CAPPLUG	1
10	124460GT	REAR TOWER SUPPORT1-C	1
11	790540GT	PIN QUICK 1/4X 1.75 ZP	1
12	720220GT	BUMPER REAR TOWER SUP	1
13	994600GT	SCREW 1/2-13NCX1-1/2H	
14	991650GT	WASHER LOCK 1/2ZP	
15	993860GT	WASHER,FLAT,1/2 SS 18-8 BIN	
16	123680GT	PIN W/RING 3/4X11,HORZ LOCK	1
17A	663840GT	LIGHT,RECESSED,TAIL/STOP/TURN	2
17B	T110631GT	LIGHT,REAR,BLACK OUT	
18	663520GT	LIGHT,LICENSE TAG W/BRACKET	1
19	796432GT	BRACKET W/BALL,GAS SPRING	1
20	796436GT	SPRING,GAS,16",60LBS	4
21	990670GT	RIVET,POP,SS,3/16"X1/2" BLIND	
22	790940GT	HANDLE,CHROME,5.75"	2
23	113399GT	MA-GROUND ROD LT. TWR.	1
24A	663528GT	LIGHT,SIDE MKR,RED,RECESSED	2
24B	T110629GT	LIGHT,SIDE MKR,RED,BLACK OUT	

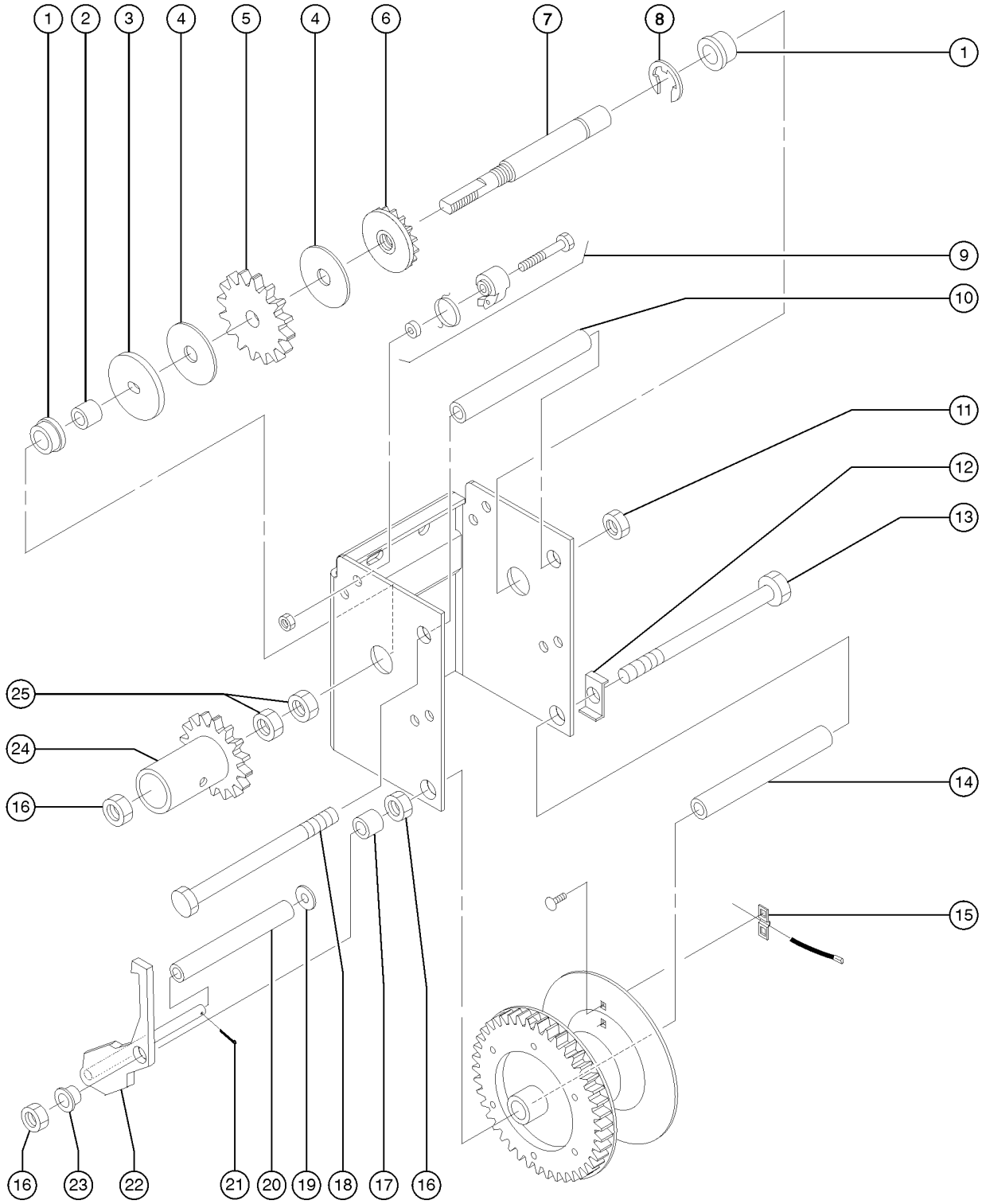
209.1 Cabinet, View 2



209.1 Cabinet, View 2

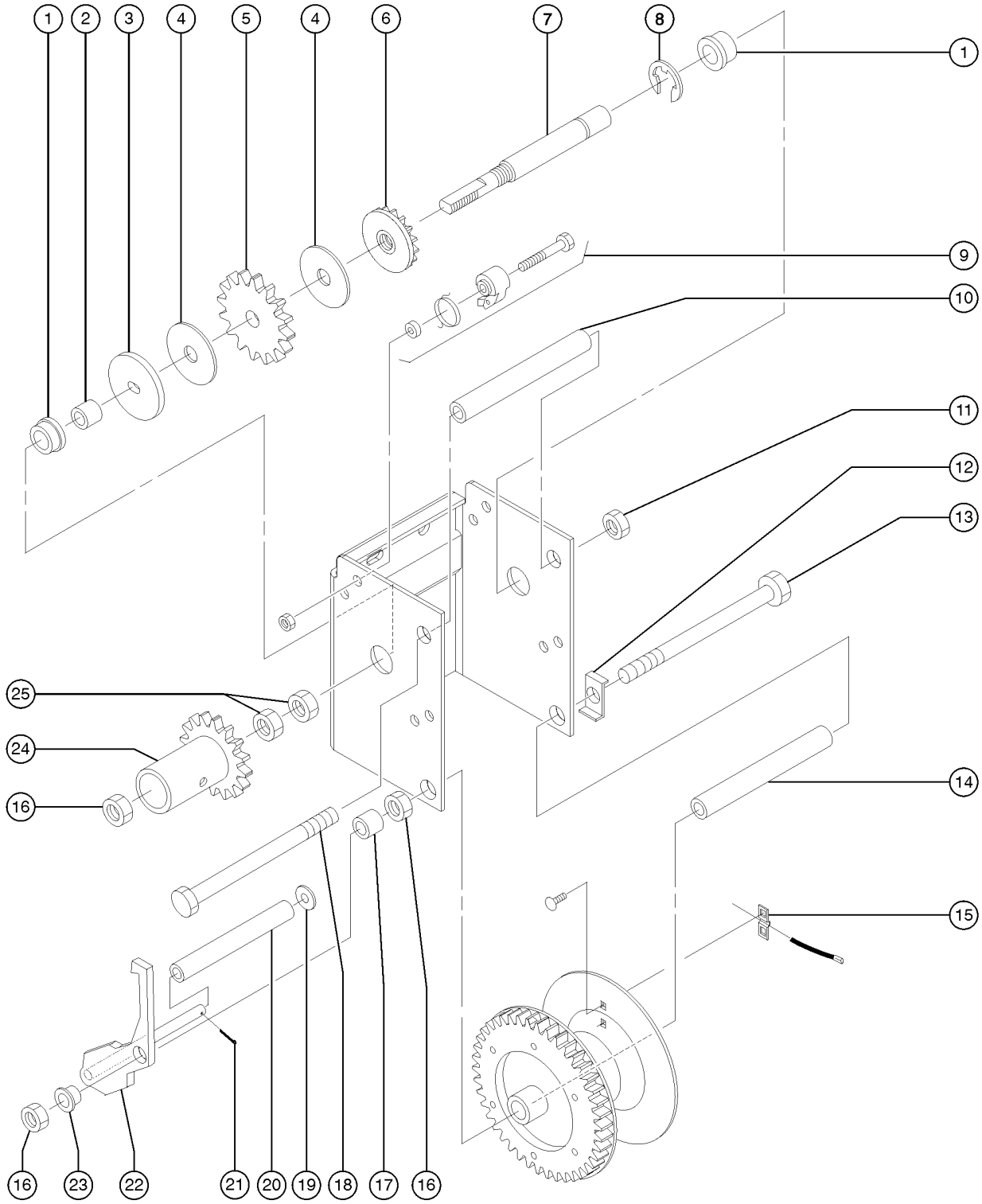
Item	Part No.	Description	Qty.
25	1258649GT	SCREW, PANHEAD, 10-32 X 5/8	
26	R980300GT	WASHER FLAT #10 STAINLESS	
27	189796GT	HASP CABINET DOOR5584AL4/5	
28	824024GT	NUT, TL, 1/4-20, C, ZAG	
29	993850GT	WASHER FLAT 1/45/8 SBIN	
30	824024GT	NUT, TL, 1/4-20, C, ZAG	
31A	663527GT	LIGHT,SIDE MKR,AMBER,RECESSED	2
31B	T110630GT	LIGHT,SIDE MRK,YEL.,BLACK OUT	
32	184150GT	BUSHING,WNCH HANDL,0.5X2.0X3.5	1
33	124420GT	GROUND ROD STORAGETUBE 4397	1
34	994130GT	SCREW,HHC,1/4-20 X 1	
35	162189GT	KIT:BOOK BRACKET TO CAB	1

210.1 Winch



Item	Part No.	Description	Qty.
	109485GT	KIT-WINCH W/SAFETY LO (includes items 1-25)(handle not included)	
	740050-1GT	KIT- WINCH - SOCKET FULTON (includes items 1-16 and 24-25)	
	105756GT	PM KIT;WINCH,ELECTRIC (electric winch option)	
	124480GT	AS-WINCH HANDLE W/TUBE,AL4000	
	970760GT	WINCH HANDLE TO WINCH(1500LB)	1
1	1256081GT	SERVICE KIT,PINION SHAFT-K1550 (1256081) component no longer available	2
2	1256082GT	SERVICE KIT,PINION SHAFT-K2550	1
3	1256081GT	SERVICE KIT,PINION SHAFT-K1550 (1256081) component no longer available	1
4	1256083GT	SVC KIT, FRICTION DISC K/KX	2
5	1256081GT	SERVICE KIT,PINION SHAFT-K1550 (1256081) component no longer available	1
6		PINION GEAR AND DISC K-1550 (7590) (not sold separately)	1
7		Ref. Pinion Shaft (not sold separately)	
8		RETAINING RING (6200) (not sold separately)	1
9		RATCHET KIT (K-1500,K-1550)** no longer available	1
10		FRAME SPACER,K-1550 (7584) (not sold separately)	1
11	12012GT	NUT,LOCK,3/8-16	1
12		WINCH BRACKET, DRUM BOLT LOCK (31946) (not sold separately)	1
13	22832GT	SCREW,HHC,3/8-16 X 6	2
14	6184GT	SPACER, DRUM BOLT, K-1550	
15	6190GT	CABLE KEEP.KIT (BRACKET TYPE)* (inlcudes fasteners)	1
16	6198GT	NUT, NYLOCK, 1/2-13	1
17	124857GT	SPACER .5 ID 1.25ODNO. 5968	1
18	69209GT	SCREW,HHC,3/8-16 X 5.5 GRD 8	
19	980480GT	WASHER FLAT C816L S/S	1
20	124858GT	BUSHING,WINCH ROLLER LOCK	1
21	990650GT	COTTER PIN 1/8X1 SSBIN STOCK	1
22	124855GT	RATCHET ARM FULTONWI	1
22-	109486GT	KIT-WINCH SAFETY LOCK (includes items 13, 15-21, and 23)	

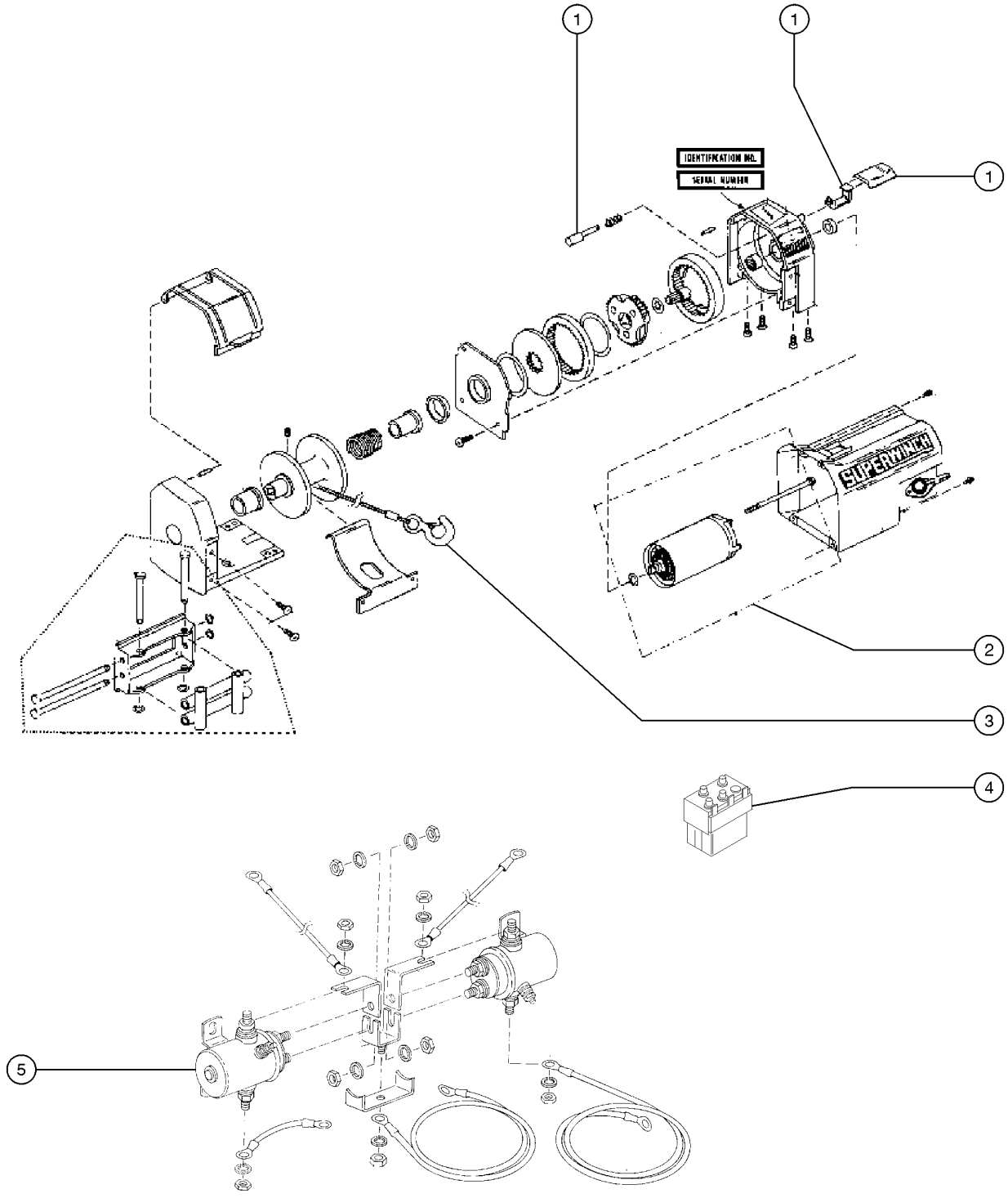
210.1 Winch



210.1 Winch

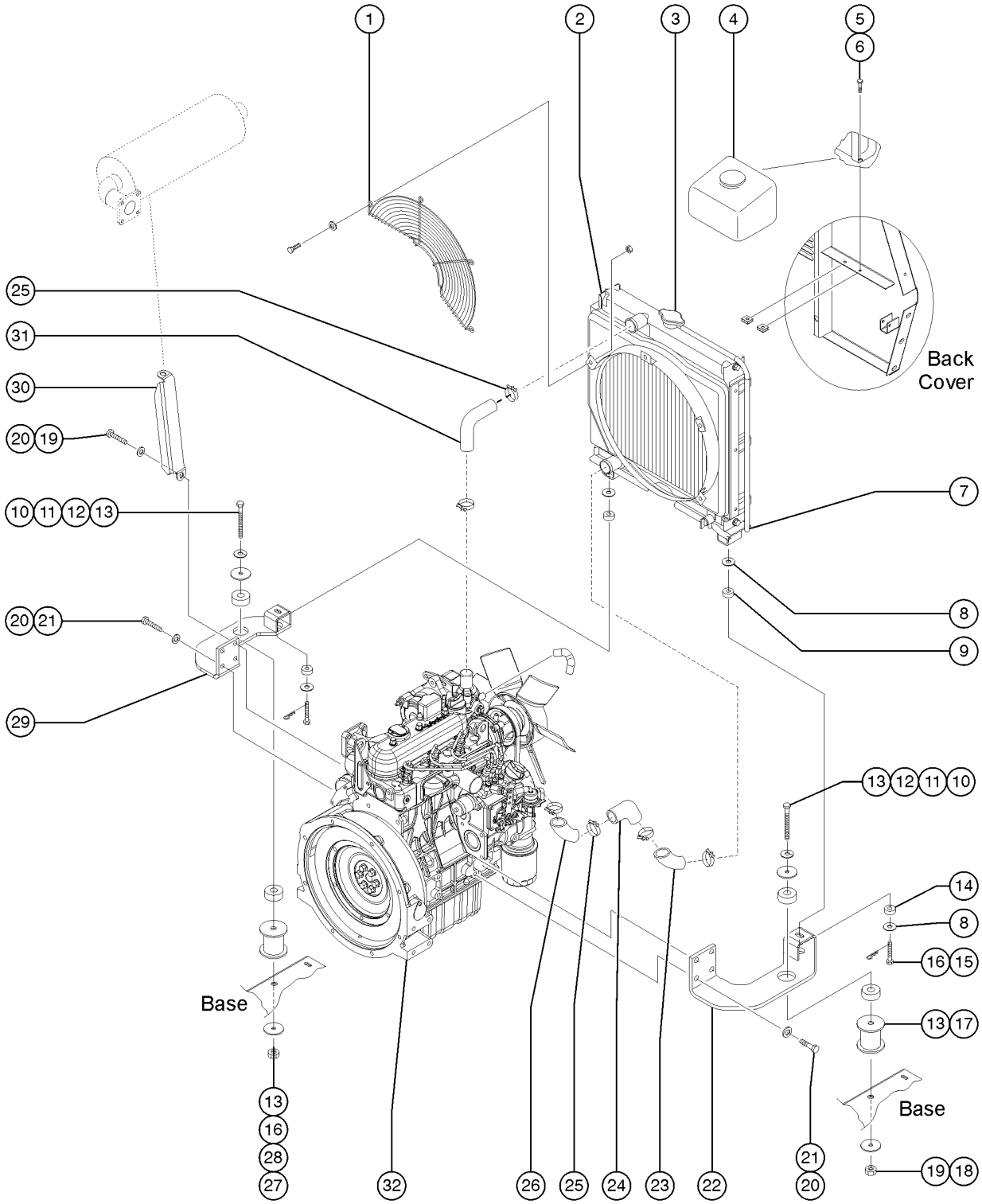
Item	Part No.	Description	Qty.
23	124856GT	BUSHING FLANGE 1.25OD	1
24	124860GT	HANDLE SOCKET RATCHET	1
25	6034GT	NUT,HEX,JAM,1/2-13	2

211.1 Electric Winch



Item	Part No.	Description	Qty.
	160995GT	WINCH W/SOLENOIDS 4000LB	
1	219228GT	FREEWHEEL KIT,SUPERWINCH	1
2	219224GT	12V MOTOR ASSY,SUPERWINCH	1
3	109065GT	KIT- CABLE ASSY LOWER 1/4" AL4	1
4	160750GT	SOLENOID W/BRACKET SUPERWINCH	1
5	219225GT	12V WIRED SOLENOID,SUPERWINCH	2

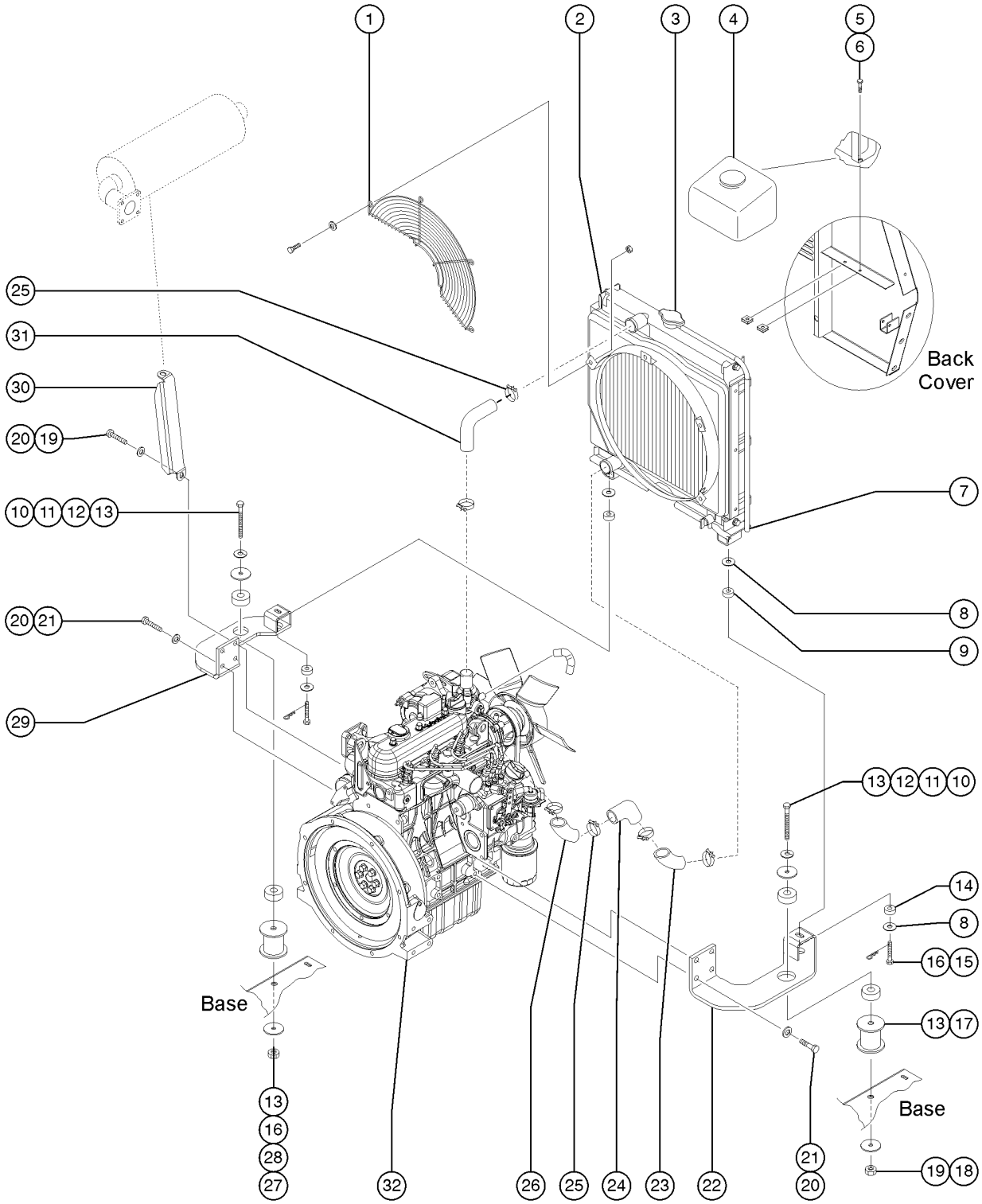
301.1 Kubota D1105-E3BG, View 1 (to serial number AL414-2720)



301.1 Kubota D1105-E3BG, View 1 (to serial number AL414-2720)

Item	Part No.	Description	Qty.
1	866113GT	GUARD,FAN,KUBOTA	1
2	866110GT	RADIATOR, KUBOTA, D905 & D1105	1
3A	110523GT	CAP,RADIATOR,AL,KUBOTA DF-752 aluminum radiator	1
3B	866120GT	CAP,RADIATOR,KUBOTA D905 copper radiator	
4	865307GT	TANK,RECOVERY,COOLANT,KUBOTA	1
5	C51601442GT	SCREW FLANGE 1/4 -20X	2
6	C51600800GT	NUT CLIP 1/4 -20X3/4	2
7	890790GT	HOSE,FUEL,1/4"ID,PUSH LOK,200# this part is sold by the foot, this application requires at least 32 inches.	3 feet
8	865263GT	KUBOTA 15111-72200 WASHER	4
9	865260GT	KUBOTA 15263-12370CUSHION	2
10A	995380GT	SCREW,HHC,1/2-13 X 6.5 Kubota models with 6kW generator	2
10B	116252GT	SCREW,HHC,1/2-13X7 GR5 YEL Kubota models with 7.5kW and 8kW generators	
11	991650GT	WASHER LOCK 1/2ZP	2
12	990415GT	WASHER,FLAT,SNUB 1/2X2-3/4 ZN	2
13A	80379GT	ISOLATOR, ENGINE MOUNT Kubota models with 6kW and 8kW generators	2
13B	740920GT	ISOLATOR,ENGINE,390LB Kubota models with 7.5kW generator	
14	740770GT	VIBRATION MOUNT,35"	2
15	161109GT	BOLT,M10-1.25 x 35,W/HOLE	2
16	865085GT	KUBOTA SNAP PIN	2
17A	22124025GT	ENGINE RISER,2/75"H,FOR 1/2BLT used with 6kW generator	2
17B		AS:ENGINE RISER 3.25 HIGH used with 7.5kW and 8kW generator (no longer available)	
18	995110GT	SCREW,HHC,M10X1.25 X 35MM GR 8	2
19	994830GT	WASHER,LOCK,M10 ZP	2
20	995110GT	SCREW,HHC,M10X1.25 X 35MM GR 8	10
21	994830GT	WASHER,LOCK,M10 ZP	10
22	22124015GT	ENG FOOT/RAD SUPPORT, ROADSIDE	1
23	839110GT	HOSE,RADIATOR,LOWER,KUBOTA	1
24	866394GT	KUBOTA WATER PIPE	1

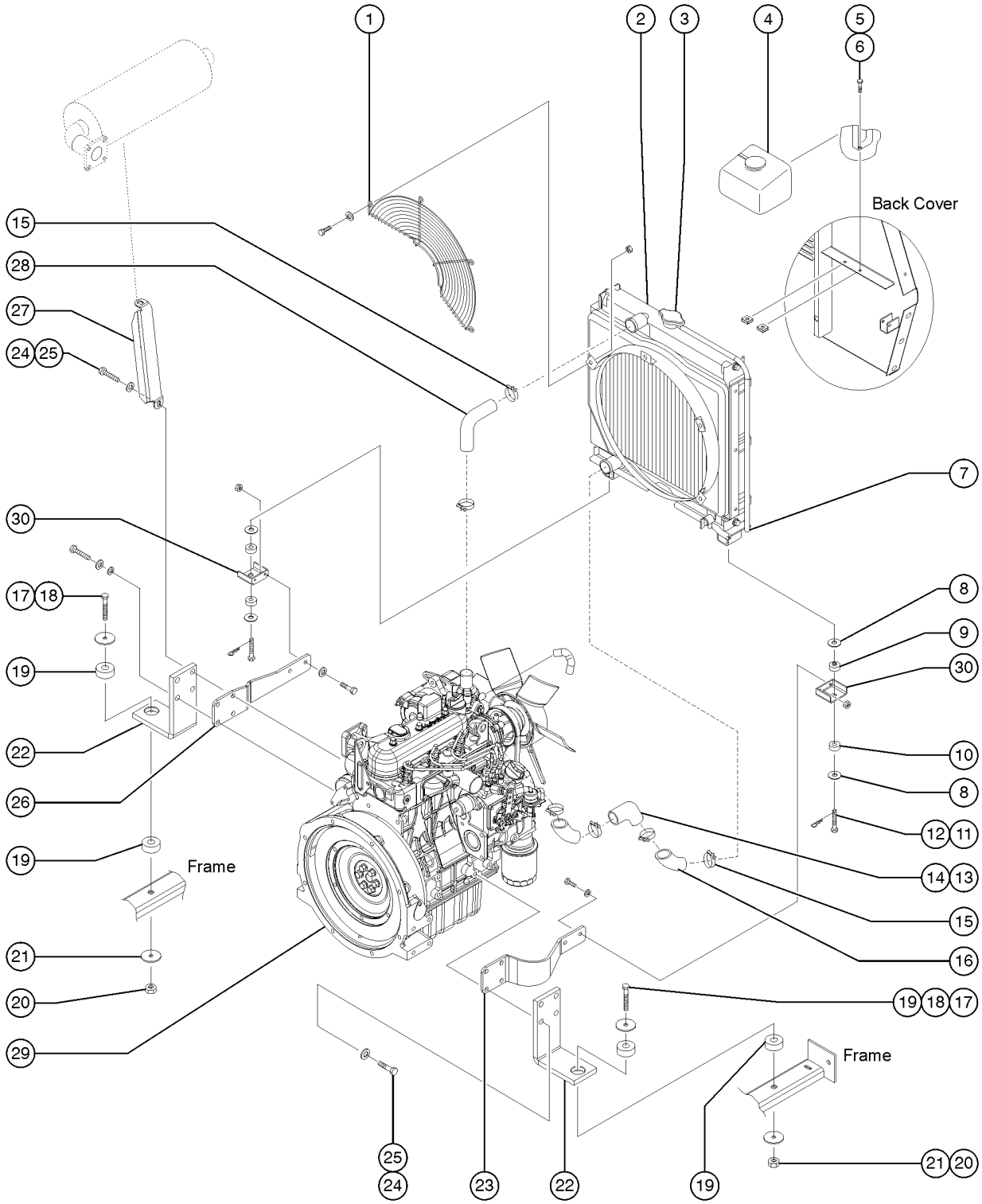
301.1 Kubota D1105-E3BG, View 1 (to serial number AL414-2720)



301.1 Kubota D1105-E3BG, View 1 (to serial number AL414-2720)

Item	*Part No.*	*Description*	*Qty.*
25	32185GT	CLAMP,HOSE	6
26	116523GT	KUBOTA HOSE,D905, D1105	1
27	990200GT	NUT,NYLOCK,1/2-13 GR2	2
28	990210GT	WASHER FLAT 1/2ZP	2
29	22124016GT	ENGINE FOOT/RAD SUPPORT,CURBSD	1
30	116733GT	MUFFLER BRACE	1
31	839109GT	KUBOTA WATER PIPE	1
32	732205PPGT	ENGINE,KUBOTA,D1105 PAK	1
32-	1254824GT	FILTER,FUEL,KUBOTA,W/O BRKT	1

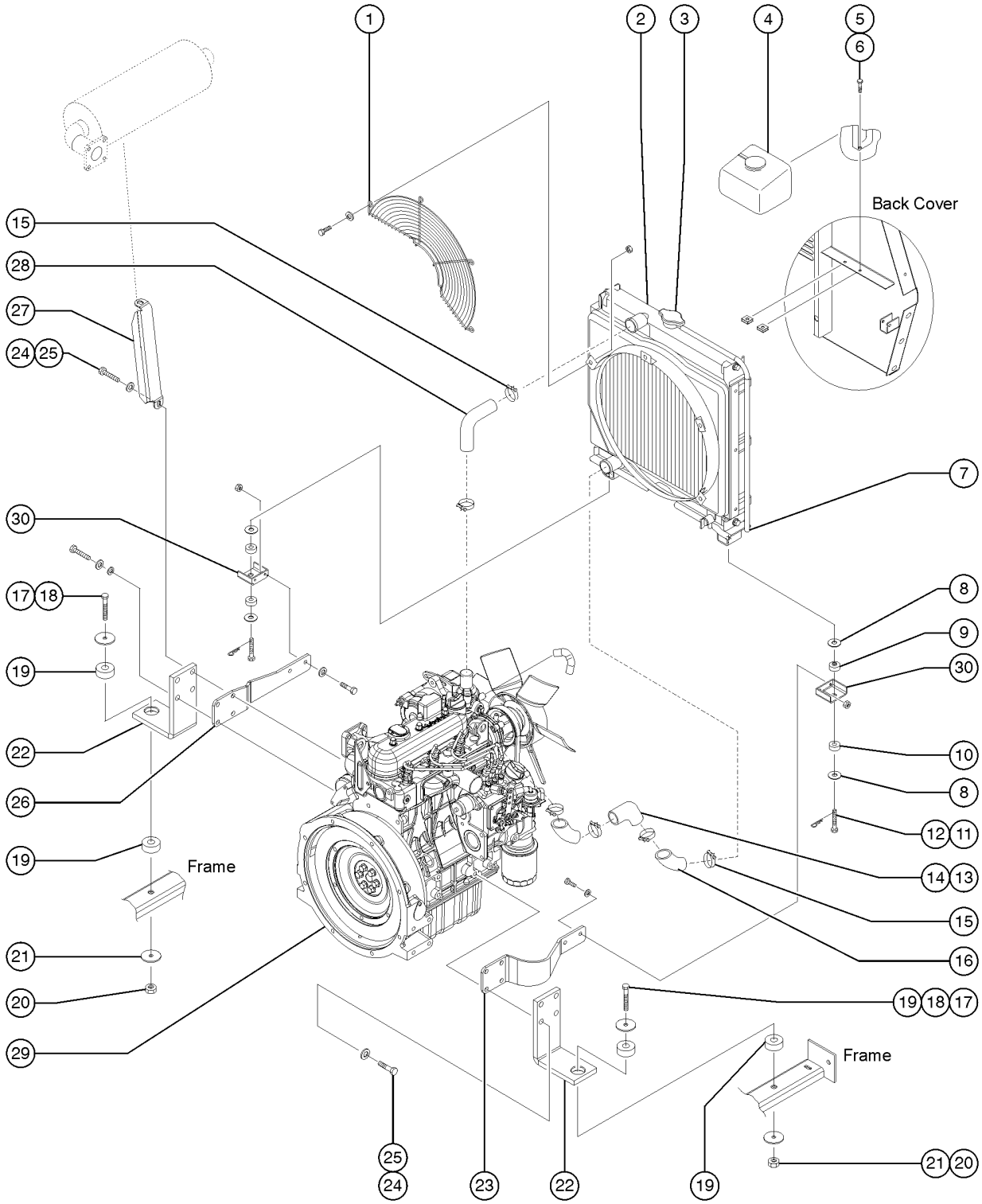
301.2 Kubota D1105-E3BG, View 1 (from serial number AL414-2721)



301.2 Kubota D1105-E3BG, View 1 (from serial number AL414-2721)

Item	Part No.	Description	Qty.
1	839131GT	KUBOTA FAN COVER	1
2	866110GT	RADIATOR, KUBOTA, D905 & D1105	1
3	110523GT	CAP,RADIATOR,AL,KUBOTA DF-752	1
4	865307GT	TANK,RECOVERY,COOLANT,KUBOTA	1
5	C51601442GT	SCREW FLANGE 1/4 -20X	2
6	C51600800GT	NUT CLIP 1/4 -20X3/4	2
7	890790GT	HOSE,FUEL,1/4"ID,PUSH LOK,200# this part is sold by the foot, this application requires at least 32 inches.	3 feet
8	865263GT	KUBOTA 15111-72200 WASHER	4
9	865260GT	KUBOTA 15263-12370CUSHION	2
10	865261GT	KUBOTA CUSHION	2
11	865086GT	KUBOTA RAD ISOLATOR BOLT	1
12	865085GT	KUBOTA SNAP PIN	2
13	866394GT	KUBOTA WATER PIPE	1
14	116523GT	KUBOTA HOSE,D905, D1105	1
15	32185GT	CLAMP,HOSE	6
16	839110GT	HOSE,RADIATOR,LOWER,KUBOTA	1
17	990270GT	SCREW,HHC,1/2-13 X 3.5 GR8	2
18	990410GT	WASHER,FLAT,SNUB 1/2X2-3/4 ZN	2
19A	740920GT	ISOLATOR,ENGINE,390LB Kubota models with 7.5kW generator	4
19B	80379GT	ISOLATOR, ENGINE MOUNT Kubota models with 6kW and 8kW generators	4
20	990200GT	NUT,NYLOCK,1/2-13 GR2	2
21	990210GT	WASHER FLAT 1/2ZP	2
22	189290GT	NOTOR MOUNT BRACKET,KUBOTA 905	2
23	52851GT	BRACKET-RADIATOR SUPRT,INBOARD	1
24	995110GT	SCREW,HHC,M10X1.25 X 35MM GR 8	8
25	994830GT	WASHER,LOCK,M10 ZP	8
26	52847GT	BRACKET-RADIATOR SUPRT,OUTBRD	1
27	116733GT	MUFFLER BRACE	1

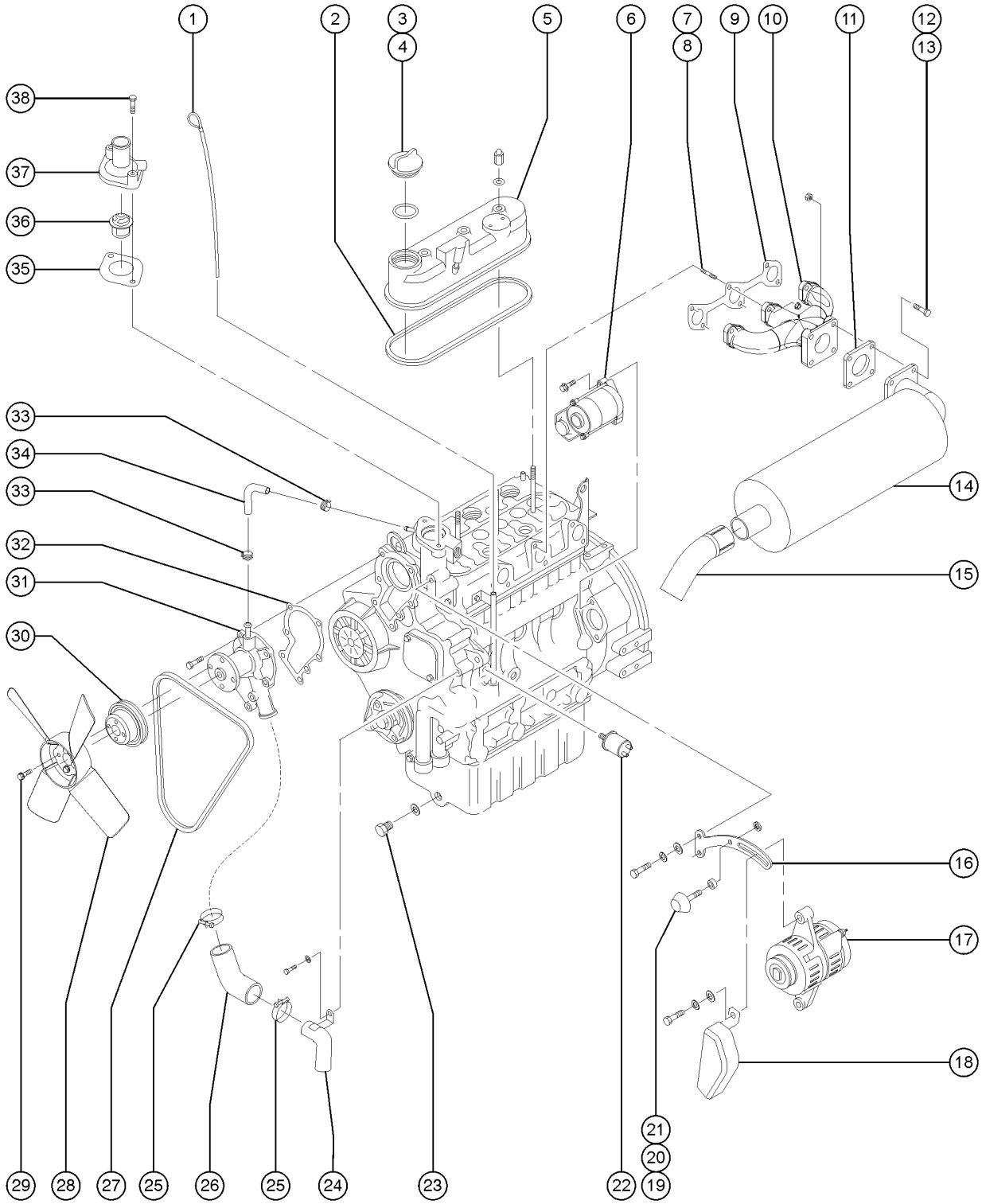
301.2 Kubota D1105-E3BG, View 1 (from serial number AL414-2721)



301.2 Kubota D1105-E3BG, View 1 (from serial number AL414-2721)

Item	*Part No.*	*Description*	*Qty.*
28	839109GT	KUBOTA WATER PIPE	1
29	732200PPGT	ENGINE,KUBOTA,D1105,OLDREV,PAK	
30	19428-72160GT	RADIATOR BRACKET	2

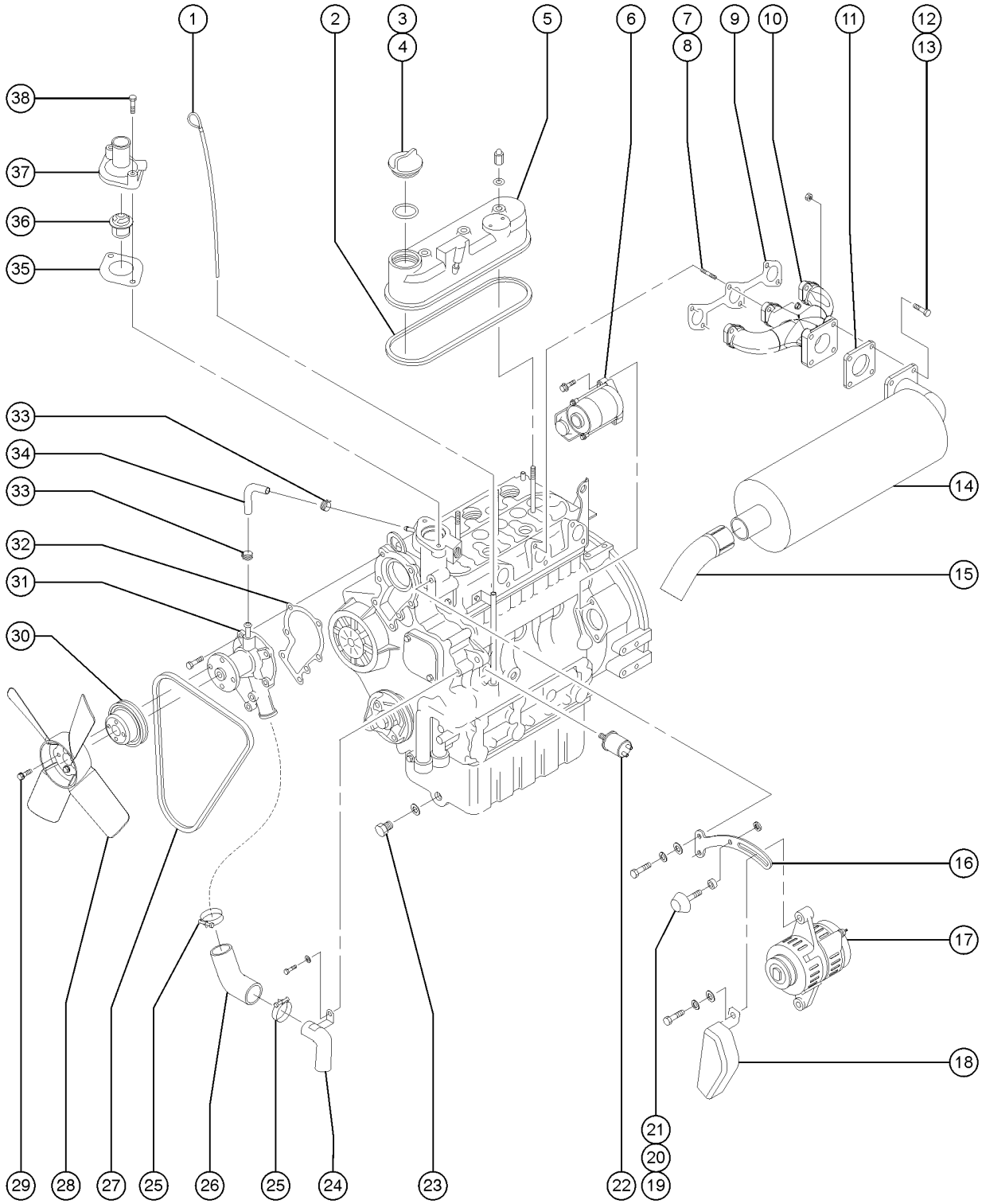
302.1 Kubota D1105-E3BG, View 2



302.1 Kubota D1105-E3BG, View 2

Item	Part No.	Description	Qty.
1	839154GT	DIPSTICK,OIL,KUBOTA	1
2	839244GT	KUBOTA HEAD COVER GASKET	1
3	839151GT	KUBOTA OIL FILLER PLUG,V1305	1
4	839034GT	KUBOTA O-RING	1
5	44191GT	VALVE COVER, D905	1
6	866101GT	STARTER,KUBOTA,D1105/905	1
7	101208GT	STUD,EXHAUST MANIFOLD	6
8	101209GT	NUT,EXHAUST MANIFOLD	6
9	32191GT	GASKET,EXHAUST MANIFOLD,D905	1
10	839246GT	KUBOTA EXHAUST MANIFOLD	1
11	832128GT	GASKET,MUFFLER,KUBOTA D905/11	1
12	839103GT	KUBOTA 01123-50820 BOLT	4
13	865055GT	KUBOTA NUT	4
14	865276GT	MUFFLER,KUBOTA	1
14-	866825GT	KUBOTA 66711-54520COV (muffler cover)	1
15	125395GT	TAILPIPE,8K EXHAUST	1
16	116833GT	KUBOTA DYNAMO STAY	1
17	866090GT	ALTERNATOR,KUBOTA* D905	1
18	866081GT	KUBOTA BELT COVER use until exhausted, (replaced by 148099)	1
18B	148099GT	COVER,V-BELT,D1105,KUBOTA	1
19	30973GT	BUMPER,RUBBER-1 X 1.25	1
20	116503GT	BUSHING, 630DX.328ID .375T	
21	6782GT	NUT, NYLOCK, 5/16-18	
22	839190GT	KUBOTA LOW OIL PRES SWITCH	1
23A	52532GT	PLUG,ENGINE OIL DRAIN,D-905*** bottom of oil pan (not shown)	1
23A	52533GT	GASKET (52532) OIL DRAIN, D905 for 52532GT	1
23B	234842GT	PLUG, ENGINE OIL, D1105 bottom of oil pan (not shown)	1
23B	84042GT	GASKET-DRAIN PLUG,ENG OIL PAN for 234842GT	1

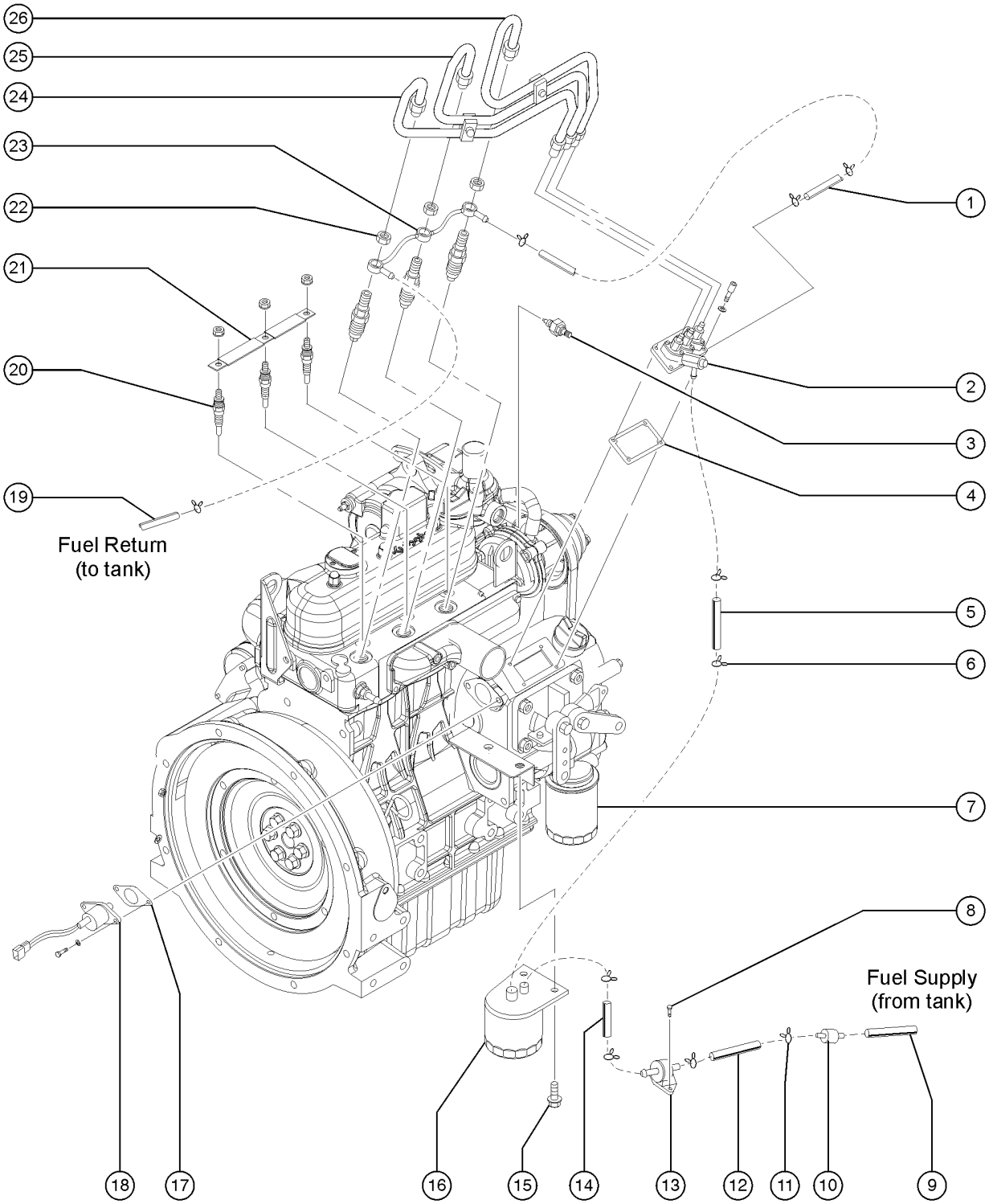
302.1 Kubota D1105-E3BG, View 2



302.1 Kubota D1105-E3BG, View 2

Item	Part No.	Description	Qty.
23C		KIT:OIL DRAIN W/VALVE,KUBOTA (no longer available)	1
24D	741970GT	VALVE,OIL DRAIN,KUBOTA	1
24D-	792750GT	CLAMP 7/16 TO 25/32	1
24D-	897110GT	HOSE,OIL,3/8 0250PS1	
24	116523GT	KUBOTA HOSE,D905, D1105	1
25	32185GT	CLAMP,HOSE	2
26	866394GT	KUBOTA WATER PIPE	1
27	839209GT	V-BELT, KUBOTA 1105	1
28	839134GT	FAN,PUSHER,KUBOTA 15263-12370	1
29	839027GT	KUBOTA FLANGE BOLT	
30	52531GT	PULLEY,FAN,KUBOTA, D-905,GS68	1
31	101201GT	WATER PUMP ASSY,KUBOTA	1
32	32199GT	GASKET,WATER PUMP	1
33	32069GT	CLAMP,HOSE,KUBOTA WG750	
34	32200GT	HOSE,WATER PUMP RETURN,D905	1
35	28092GT	GASKET,THERMOSTAT-28091	1
36	139278GT	THERMOSTAT	1
37	139279GT	THERMOSTAT COVER	1
38	62296GT	SCREW,M8 X 35MM	

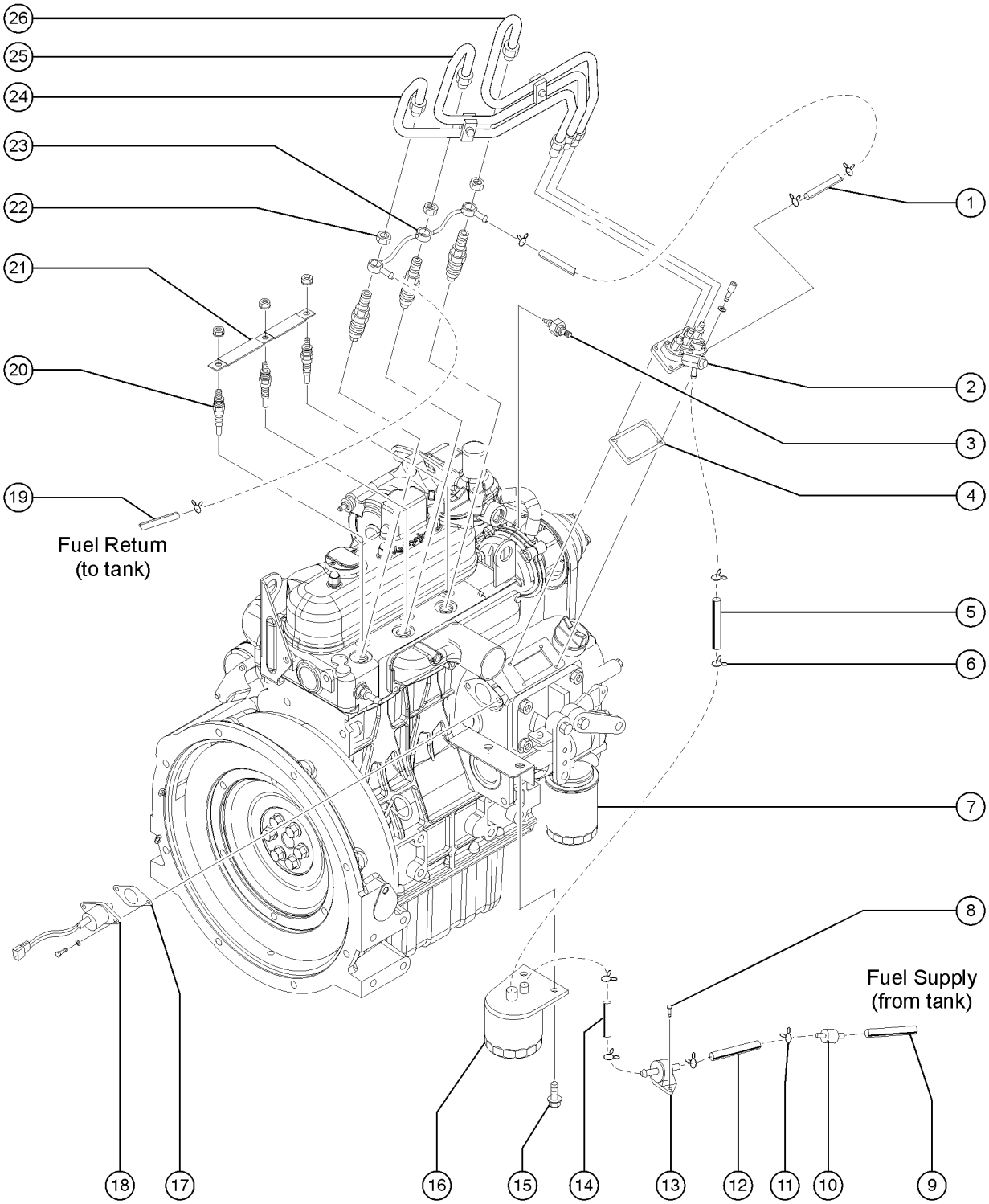
303.1 Kubota D1105-E3BG, View 3



303.1 Kubota D1105-E3BG, View 3

Item	Part No.	Description	Qty.
1	839157GT	KUBOTA OVERFLOW PIPE (to tank)	1
2	839149GT	KUBOTA INJECTOR PUMP, D1105	1
3	741140GT	ENGINE ACCESSORY TEMP SENDER	1
4	32103GT	GASKET,INJECTION PUMP (quantities vary)	
5	890795GT	HOSE,FUEL,5/16"ID feet	2 feet
6	898590GT	HOSE FITTING PIPE/BAR	3
7	866050GT	FILTER,OIL,KUBOTA	1
8		Ref., SCREW refer to 203.1 or 204.1	
9		Ref., FUEL HOSE refer to 203.1 or 204.1	
10		Ref., IN-LINE FILTER refer to 203.1 or 204.1	
11		Ref., HOSE CLAMP refer to 203.1 or 204.1	
12		Ref., FUEL HOSE refer to 203.1 or 204.1	
13		Ref., FUEL PUMP refer to 203.1 or 204.1	
14		Ref., FUEL HOSE refer to 203.1 or 204.1	
15	839103GT	KUBOTA 01123-50820 BOLT	2
16	839107GT	FILTER,FUEL,KUBOTA filter head and element	1
16-	839200GT	ELEMENT,FUEL FILTER,KUBOTA for 839107GT	
16-		BRACKET, FUEL FILTER filter mount bracket, (no longer available)	
17	866040GT	KUBOTA GASKET FOR SOLENOID	1
18	99199GT	SOLENOID,FUEL SHUTOFF,D905*** 2-wire solenoid	1
18B	1305362GT	SOLENOID,FUEL SHUTOFF,D9/1105 Genie aftermarket part, Compatible with 99199 (no longer available)	
18C	866030GT	SOLENOID,FUEL,3 WIRE,KUBOTA 3-wire solenoid	
19		Ref., FUEL HOSE refer to 203.1	
20	839119GT	KUBOTA GLOW PLUG	3
21	62118GT	JUMPER-GLOW PLUG	1
22	865257GT	KUBOTA KIT, HOLDER,NOZZLE	3
23	865100GT	KUBOTA OVER FLOW PIPE	1
24	44196GT	PIPE,INJECTOR 1,D905,D1105	1

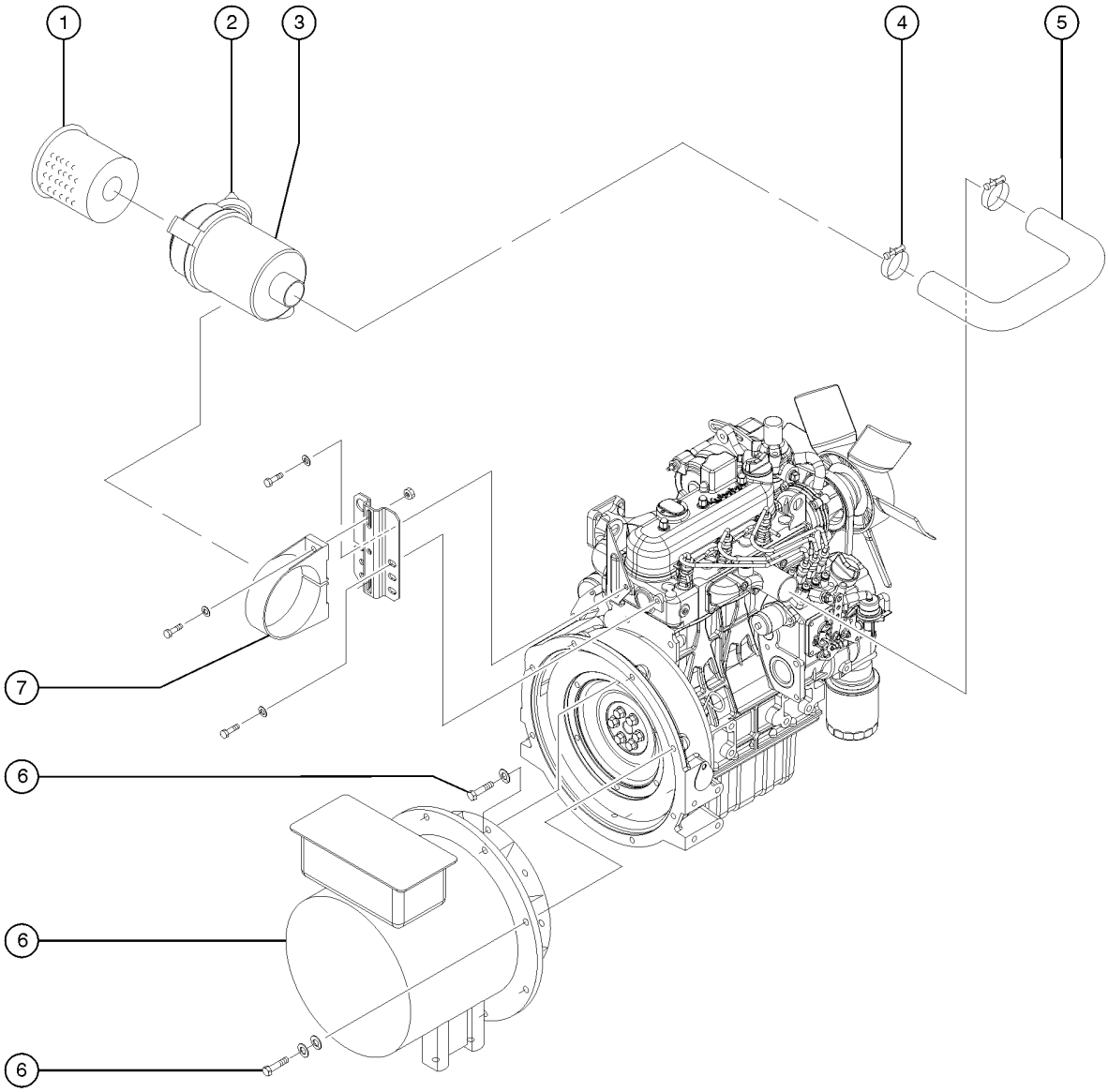
303.1 Kubota D1105-E3BG, View 3



303.1 Kubota D1105-E3BG, View 3

Item	Part No.	Description	Qty.
25	44197GT	PIPE,INJECTOR 2,D905,D1105	1
26	44198GT	PIPE,INJECTOR 3,D905,D1105	1

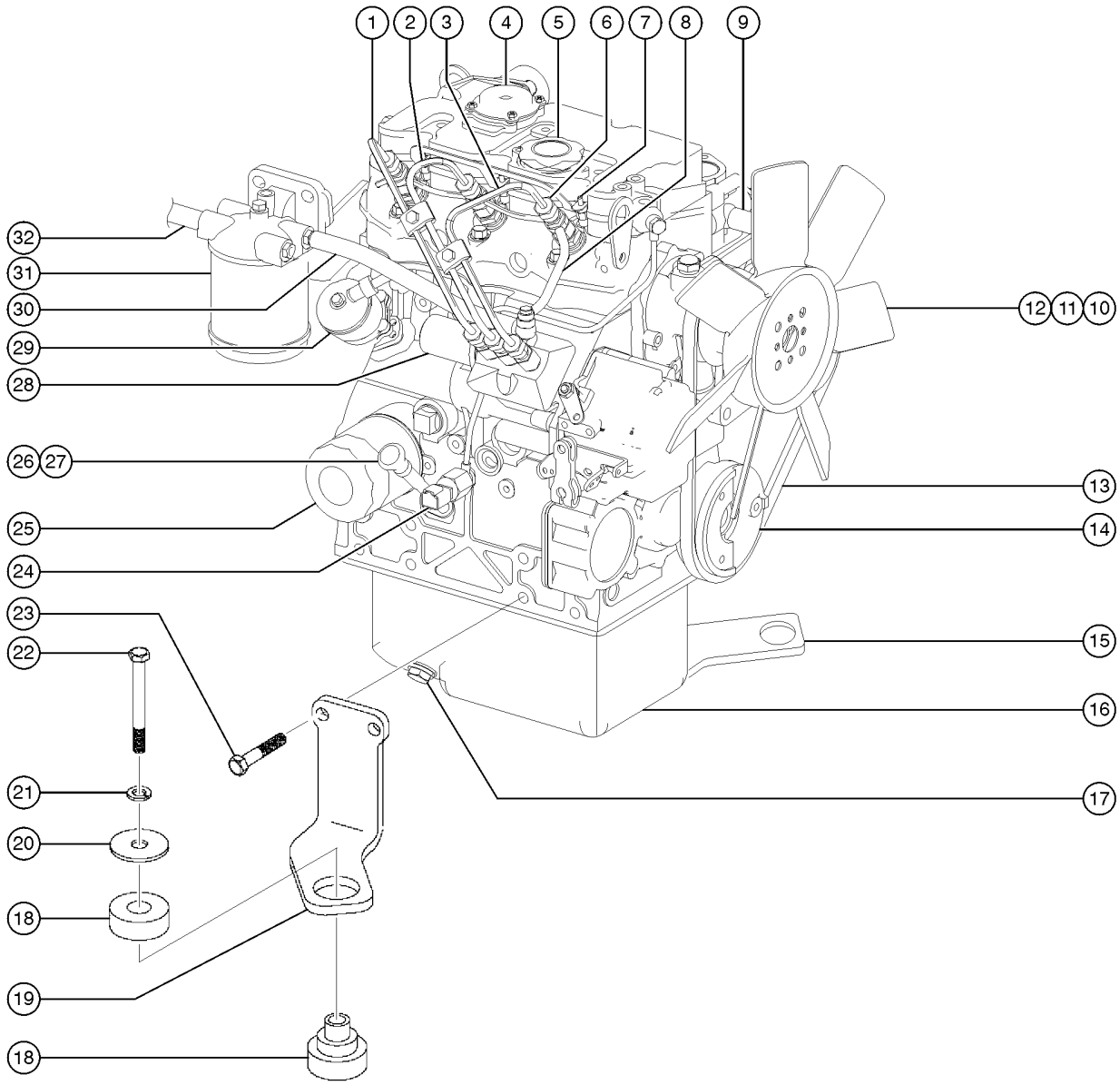
304.1 Kubota D1105-E3BG, View 4



304.1 Kubota D1105-E3BG, View 4

Item	Part No.	Description	Qty.
1	866127GT	ELEMENT,AIR CLEANER,KUBOTA	1
2	866129GT	VALVE,AIR CLEANER,KUBOTA	1
3	866126GT	BODY,AIR CLEANER,KUBOTA use until exhausted, (replaced by 84808)	1
3B	84808GT	AIR CLEANER ASSEMBLY, DF-752	1
3C	866128GT	COVER,AIR CLEANER,KUBOTA	1
4	839049GT	KUBOTA 15263-12370BAND PIPE	2
5	231332GT	HOSE, INTAKE, KUBOTA D1105	1
6		Ref, GENERATOR refer to 307.1	
7	231333GT	AIR CLEANER BRACKET, D1105 installed onto 1274236	1
7B	1274236GT	BRACKET, AIR CLEANER installed onto engine block	1

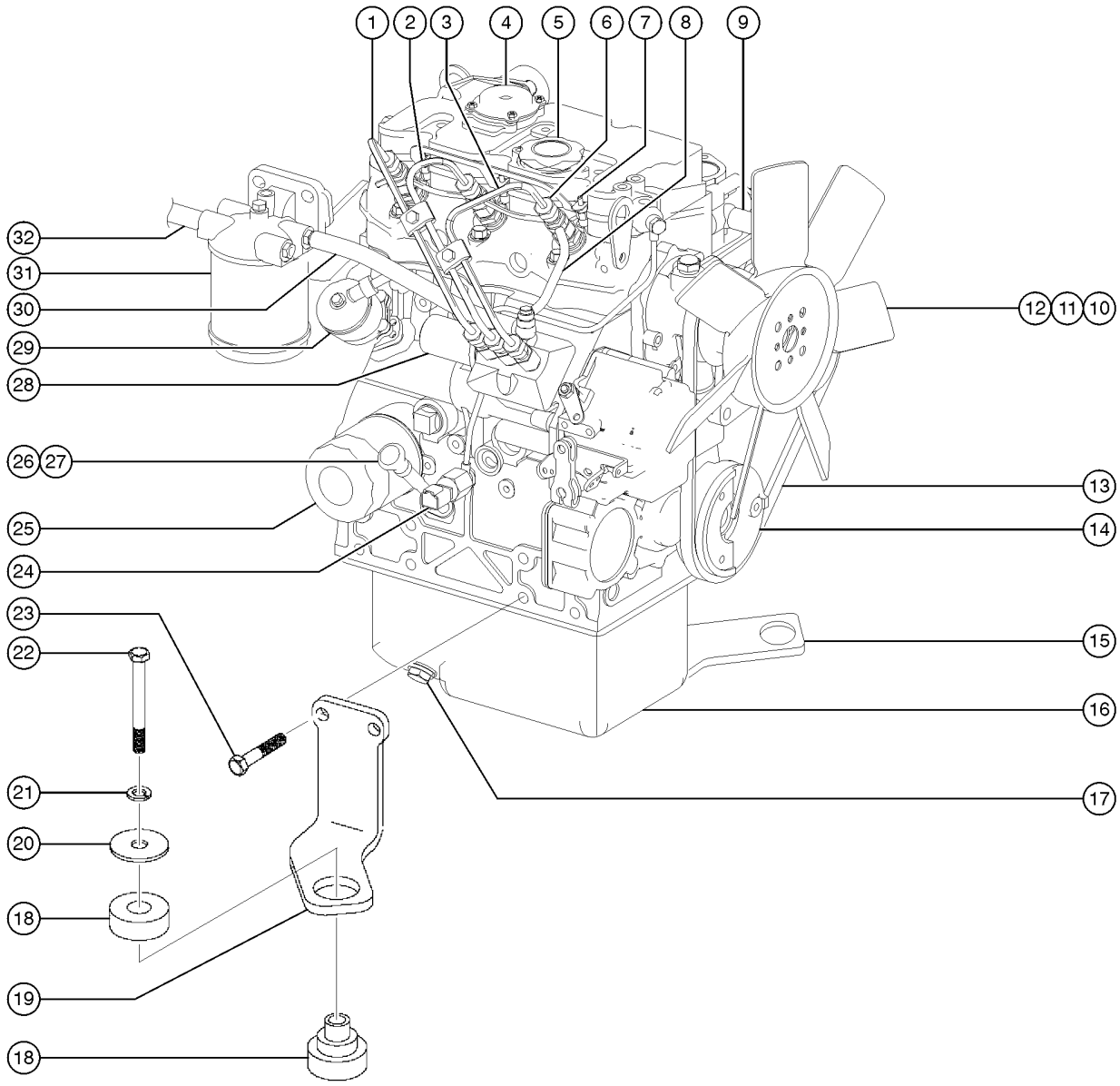
305.1 Perkins 403D-11G, View 1



305.1 Perkins 403D-11G, View 1

Item	Part No.	Description	Qty.
1	84812GT	PIPE,INJECTOR 1, 403C-11	1
2	84813GT	PIPE,INJECTOR 2, 403C-11	1
3	84814GT	PIPE,INJECTOR 3, 403C-11	1
4	84860GT	VALVE COVER BREATHER	1
5	65636GT	CAP, OIL FILLER	1
5-	65638GT	SEAL, OIL FILLER CAP	1
6	139272GT	FUEL INJECTOR	3
7	84815GT	GLOW PLUG, 403C-11	3
8	237707GT	HOSE,FUEL LEAK-OFF,403D-11G	1
9	89764GT	HOSE, WATER PUMP (PERKINS 404)	1
10	101341GT	FAN	1
11	101319GT	FAN PULLEY	1
12	101322GT	PUMP,WATER	1
12-	97483GT	GASKET,WATER PUMP, 403C-11	1
12-	89764GT	HOSE, WATER PUMP (PERKINS 404)	1
13	85071GT	BELT-FAN, PERKINS (103.10)	1
14	97427GT	PULLEY,CRANK, 403C-11	1
15	116519GT	FP-ENG MNT RT FOOT CS PERK T4	2
16	85140GT	GASKET-OIL PAN,PERKINS 103.10	1
17	237774GT	PLUG,OIL DRAIN,PERKINS 403D-11G	1
17-	85124GT	GASKET,SOLENOID,PERKINS 72350	1
17A	229918GT	KIT:OIL DRAIN W/VALVE,PERKINS	
17A-	229917GT	VALVE, OIL DRAIN, PERKINS	
17A-	897110GT	HOSE,OIL,3/8 0250PS1	3 feet
17A-	792750GT	CLAMP 7/16 TO 25/32	
18	116729GT	ISOLATOR,ENGINE,70D	2
19	116518GT	FP-ENG MNT RT FOOT RS PERK T4	2
20	990415GT	WASHER,FLAT,SNUB 1/2X2-3/4 ZN	

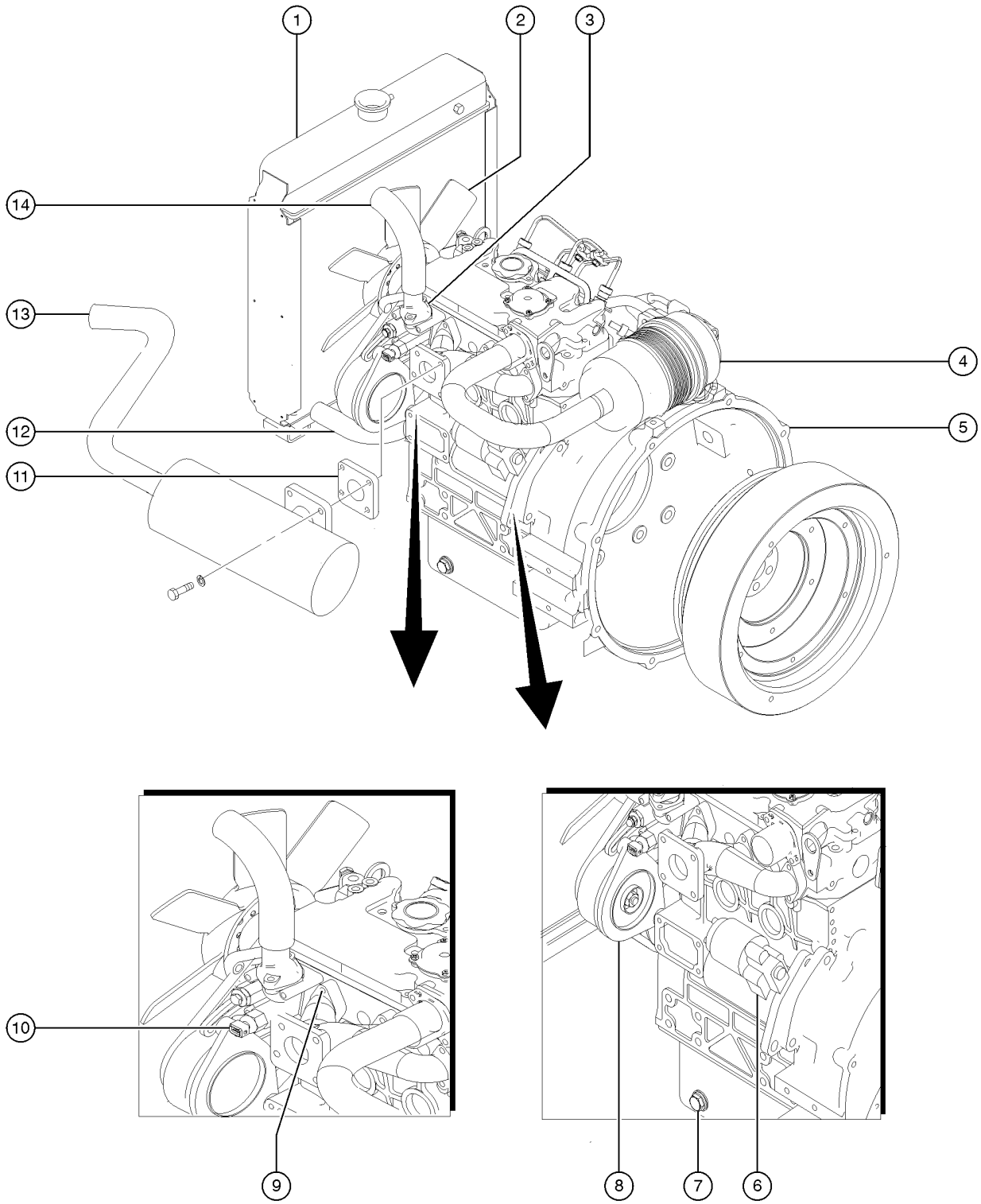
305.1 Perkins 403D-11G, View 1



305.1 Perkins 403D-11G, View 1

Item	Part No.	Description	Qty.
21	991650GT	WASHER LOCK 1/2ZP	
22	990270GT	SCREW,HHC,1/2-13 X 3.5 GR8	
23	R981095GT	SCREW,HHC,M12X1.25X30MM,GR8.8	
24	237776GT	SWITCH,OIL PRES,PERK 403D-11G	1
25	85069GT	FILTER, OIL-PERKINS (103-10)**	1
26	101320GT	DIPSTICK,STRAIGHT SHORT	1
27	97461GT	DIPSTICK TUBE,PERKINS(403C-11)	1
28	106663GT	SOLENOID,SHUT DOWN PERKIN40422	1
29	72348GT	PUMP,LIFT(FUEL) PERKINS(54555)	1
29-	89761GT	O-RING, LIFT PUMP,(PERKINS 404	1
30	236046GT	HOSE, FUEL FILTER -INJ., 403D	1
31	1262484GT	FUEL FILTER ASSY,PERKINS 404D/	1
31-	62421GT	FILTER,FUEL,PERKINS	1
32		Ref., FUEL HOSE refer to 203.1 or 204.1	

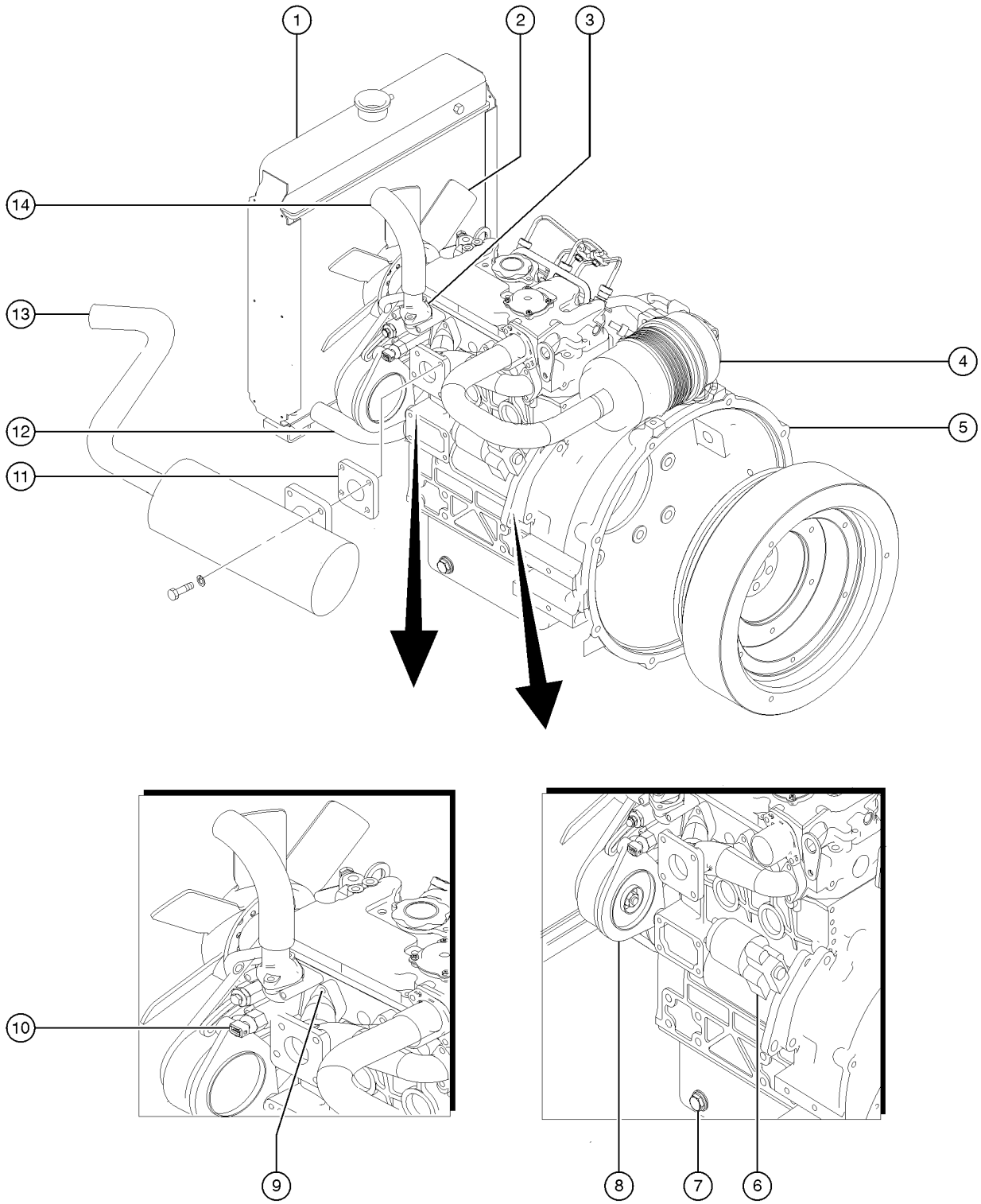
306.2 Perkins 403D-11G, View 2 (from serial number AL4011-1556)



306.2 Perkins 403D-11G, View 2 (from serial number AL4011-1556)

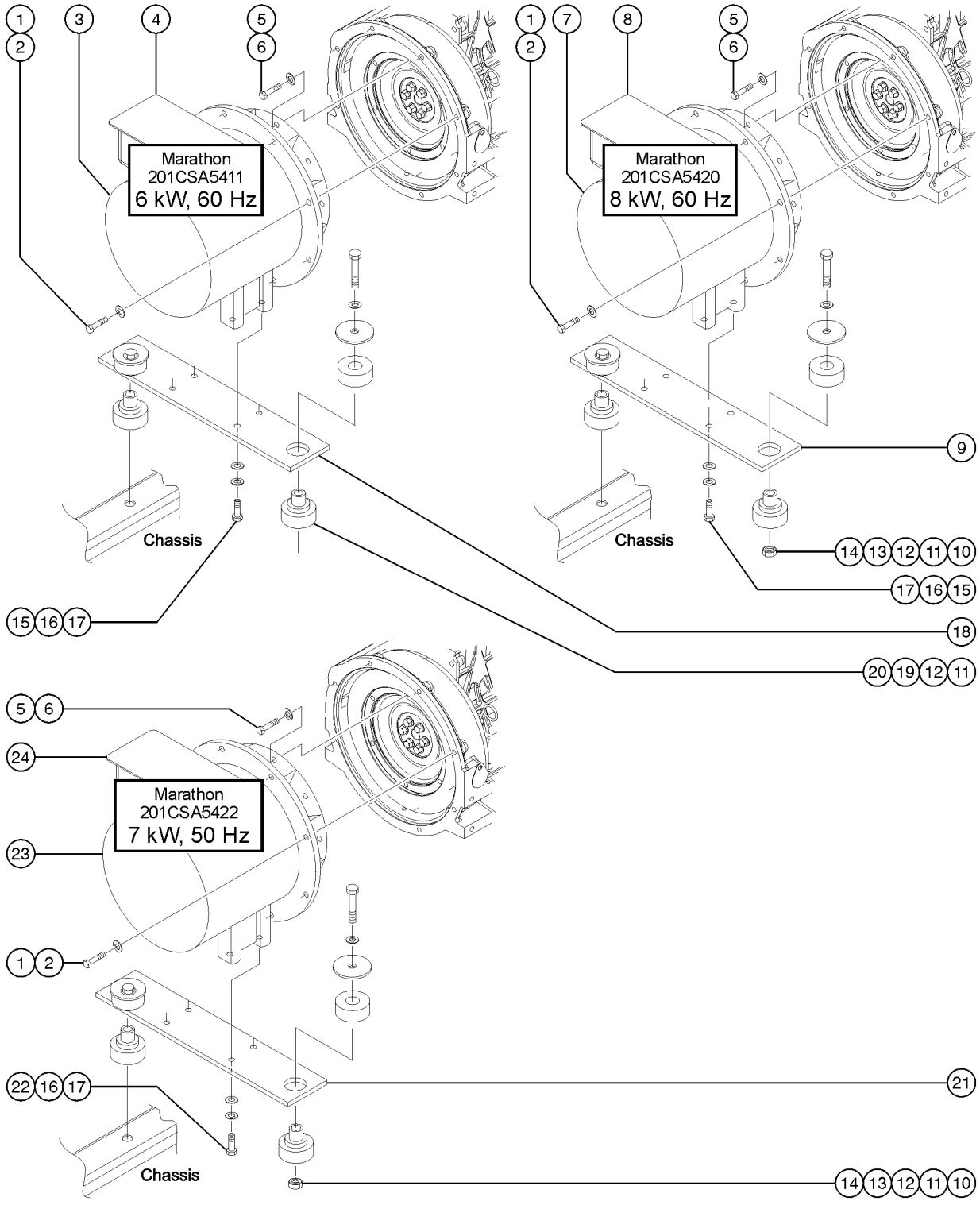
Item	Part No.	Description	Qty.
1	58291GT	RADIATOR,PERKINS,TML	
1-	85130GT	CAP-RADIATOR,PERKINS (103.10)	
2		Ref., FAN refer to 305.1	
3	139265GT	WATER OUTLET, VERTICAL	
3-	237708GT	THERMOSTAT,PERKINS 403D-11G	
3-	1257665GT	GASKET, THERMOSTAT, PERKINS	
4	58427GT	AIR FILTER,ASSEMBLY	
4-	866068GT	PERKINS 135326205AIR filter element	
4-	237775GT	BKT,FILTER MNT,PERKINS 403D-11G	
5	97426GT	HOUSING,FLYWHEEL,403C-11	
6	228458GT	STARTER, PERKINS, 403D Has round mounting holes. See pn 85103gt for starter with oblong mounting holes. No service parts available for 228458gt.	
7		Ref., OIL DRAIN PLUG refer to 305.1	
8	85089GT	ALTERNATOR,15A,PERKINS 103.10	
8-	85127GT	REGULATOR,12V-PERKINS 103.10	
9	85087GT	MANIFOLD-EXHAUST,PERK (103.10)	
9-	85143GT	GASKET-EXHAUST MANIFOLD/PERKIN	
9-	101326GT	STUDS,EXHAUST	
9-	101327GT	NUTS,EXHAUST	
10	97473GT	SENSOR,WATER TEMPERATURE	
11	72343GT	GASKET,EXH FLANGE-FORD/PERKINS	
12	58292GT	HOSE,RADIATOR,PERKINS,TML	
12-	30348GT	CLAMP,HOSE,1.00	
13	1275721GT	MUFFLER, PERKINS, RL-4 from serial number AL4011-1556	1
14	97428GT	HOSE,RADIATOR,UPPER PRKNS,TML	
14-	30348GT	CLAMP,HOSE,1.00	

306.2 Perkins 403D-11G, View 2 (from serial number AL4011-1556)

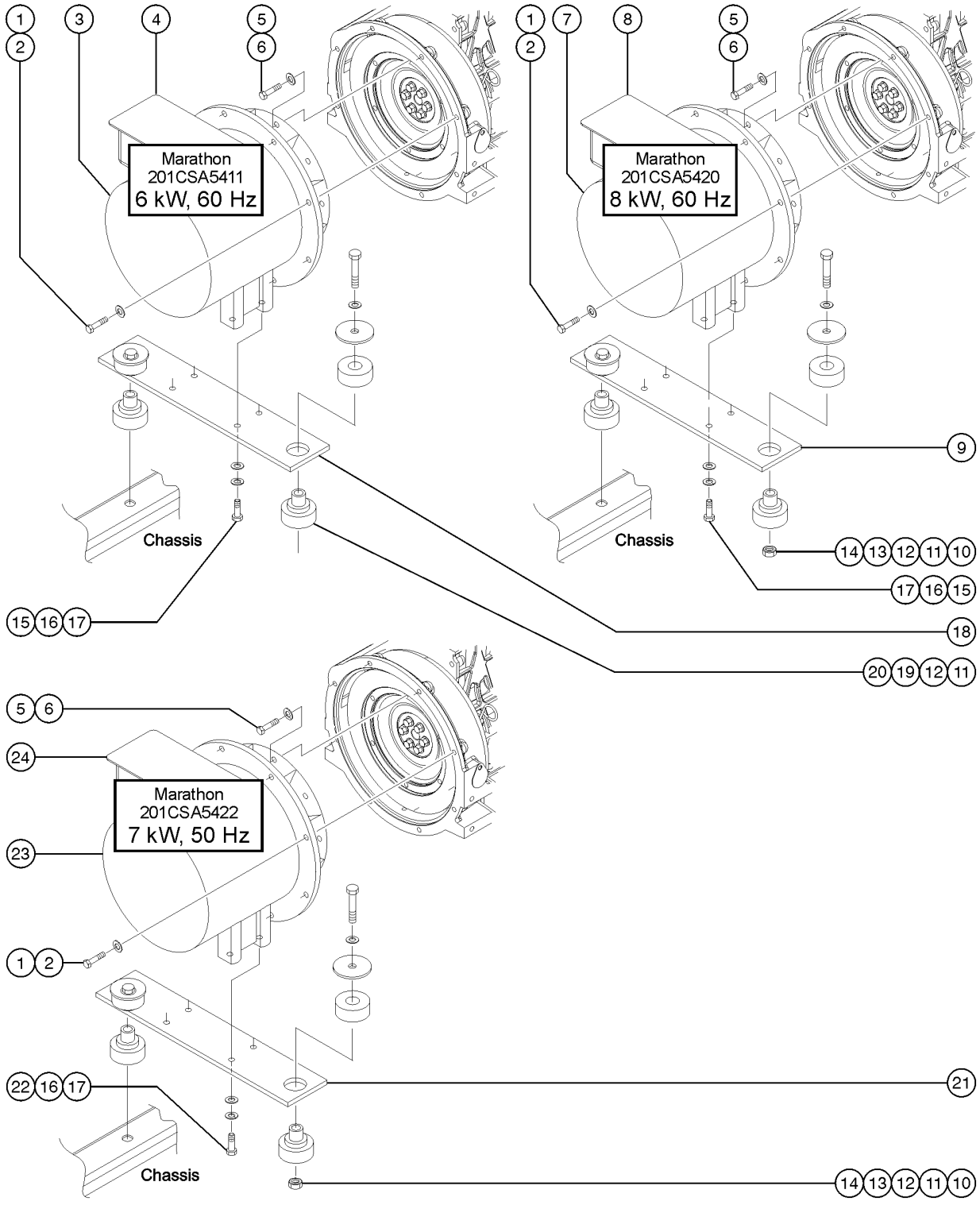


306.2 Perkins 403D-11G, View 2 (from serial number AL4011-1556)

Item	Part No.	Description	Qty.
1	58291GT	RADIATOR,PERKINS,TML	
1-	85130GT	CAP-RADIATOR,PERKINS (103.10)	
2		Ref., FAN refer to 305.1	
3	139265GT	WATER OUTLET, VERTICAL	
3-	237708GT	THERMOSTAT,PERKINS 403D-11G	
3-	1257665GT	GASKET, THERMOSTAT, PERKINS	
4	58427GT	AIR FILTER,ASSEMBLY	
4-	866068GT	PERKINS 135326205AIR filter element	
4-	237775GT	BKT,FILTER MNT,PERKINS 403D-11G	
5	97426GT	HOUSING,FLYWHEEL,403C-11	
6	228458GT	STARTER, PERKINS, 403D Has round mounting holes. See pn 85103gt for starter with oblong mounting holes. No service parts available for 228458gt.	
7		Ref., OIL DRAIN PLUG refer to 305.1	
8	85089GT	ALTERNATOR,15A,PERKINS 103.10	
8-	85127GT	REGULATOR,12V-PERKINS 103.10	
9	85087GT	MANIFOLD-EXHAUST,PERK (103.10)	
9-	85143GT	GASKET-EXHAUST MANIFOLD/PERKIN	
9-	101326GT	STUDS,EXHAUST	
9-	101327GT	NUTS,EXHAUST	
10	97473GT	SENSOR,WATER TEMPERATURE	
11	72343GT	GASKET,EXH FLANGE-FORD/PERKINS	
12	58292GT	HOSE,RADIATOR,PERKINS,TML	
12-	30348GT	CLAMP,HOSE,1.00	
13	1275721GT	MUFFLER, PERKINS, RL-4 from serial number AL4011-1556	1
14	97428GT	HOSE,RADIATOR,UPPER PRKNS,TML	
14-	30348GT	CLAMP,HOSE,1.00	

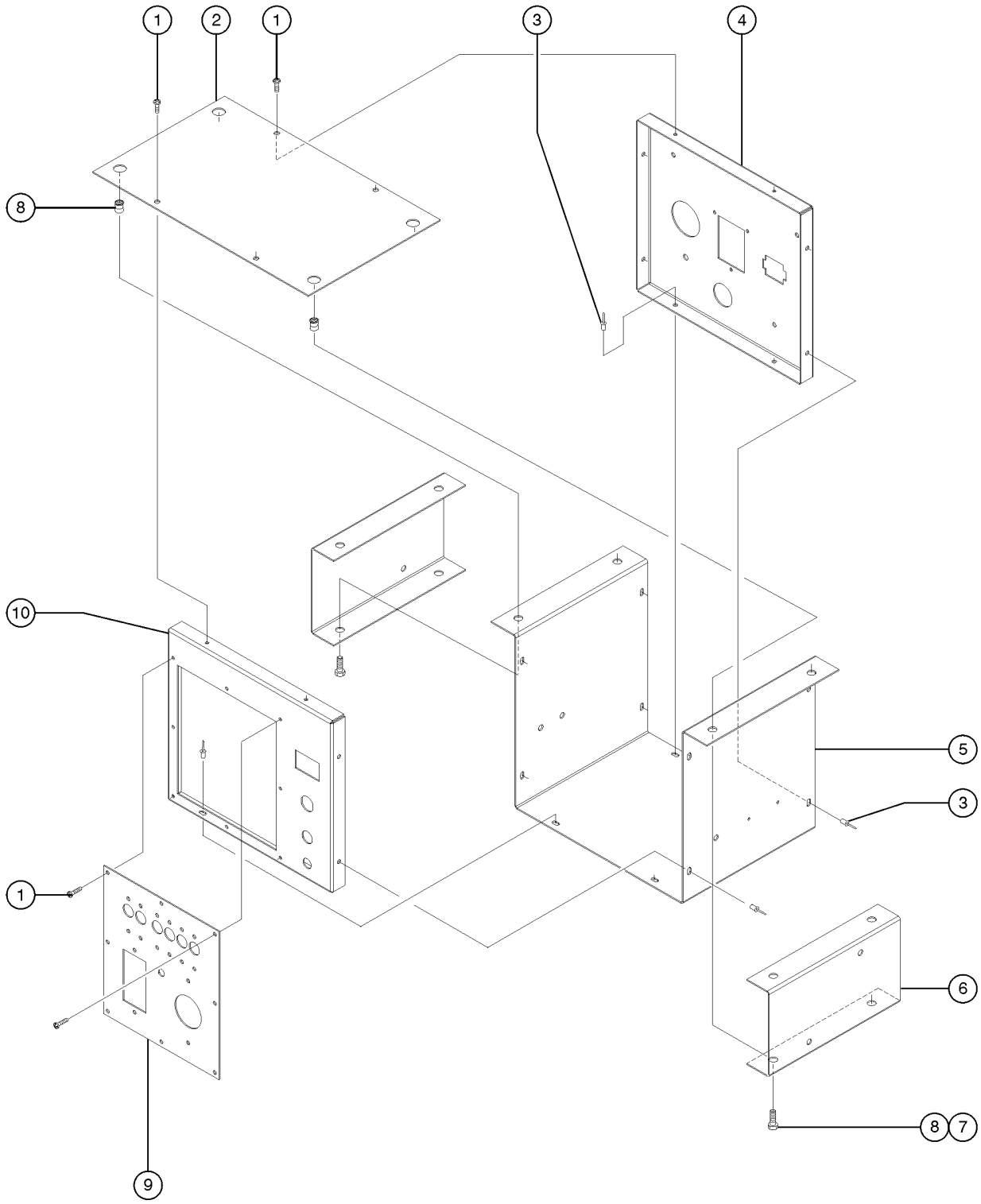

Marathon
201CSA5411
6 kW, 60 Hz
Chassis
Marathon
201CSA5420
8 kW, 60 Hz
Chassis
Marathon
201CSA5422
7 kW, 50 Hz
Chassis

Item	Part No.	Description	Qty.
1	991761GT	SCREW,HHC,3/8-16 X 1.25	8
2	990470GT	WASHER,LOCK,3/8,ZAG	8
3	85206GT	GENERATOR,6KVA,240VAC,60HZ 6 kW, 60 Hz (Marathon 201CSA5411)	1
3-	116177GT	DRIVE DISC(C-107) MARATHON (engine end)	
3-	116178GT	HUB SPACER (engine end)	
3-	836856GT	MARATHON SUPPRESSOR/VARISTOR (opposite engine end)	
3-	836853GT	DIODE,MARATHON (opposite engine end)	
3-	116172GT	O-RING (opposite engine end)	
3-	116168GT	BEARING, ODE (opposite engine end)	
3-	1277953GT	TERMINAL BLOCK,MARATHON GENERATOR(85206)	
4	58356GT	CAPACITOR-ROUND 25MF (for 201CSA5411)	
4-	116184GT	CLAMP,CAPACITOR (for 201CSA5411)	
4-	116187GT	TERMINAL BLOCK (for 201CSA5411)	
4-		Ref., WIRE HARNESS refer to 405.1	
5	123840GT	SCREW,HHC,5/16-18X.75,GR8,Y	6
6	990460GT	WASHER LOCK 5/16 ZP BIN	6
7	116253GT	GENERATOR,8KW,240V,60HZ,MAR 8 kW, 60 Hz (Marathon 201CSA5420)	1
7-	116177GT	DRIVE DISC(C-107) MARATHON (engine end)	
7-	116178GT	HUB SPACER (engine end)	
7-	836856GT	MARATHON SUPPRESSOR/VARISTOR (opposite engine end)	
7-	836853GT	DIODE,MARATHON (opposite engine end)	
7-	116172GT	O-RING (opposite engine end)	
7-	116168GT	BEARING, ODE (opposite engine end)	
8	229457GT	CAPACITOR, 8KW GENERATOR,5420 (for 201CSA5420)	
8-	116184GT	CLAMP,CAPACITOR (for 201CSA5420)	
8-	116187GT	TERMINAL BLOCK (for 201CSA5420)	
		Ref., WIRE HARNESS refer to 409.1	
9	189347GT	BRACKET,GENERATOR MOUNT	1


Marathon
201CSA5411
6 kW, 60 Hz
Chassis
Marathon
201CSA5420
8 kW, 60 Hz
Chassis
Marathon
201CSA5422
7 kW, 50 Hz
Chassis

Item	Part No.	Description	Qty.
10	6198GT	NUT, NYLOCK, 1/2-13	2
11	80379GT	ISOLATOR, ENGINE MOUNT	2
12	990415GT	WASHER,FLAT,SNUB 1/2X2-3/4 ZN	2
13	990210GT	WASHER FLAT 1/2ZP	2
14	6-5208-32GT	SCREW,HHC,1/2-13X4,GR8	2
15A	991761GT	SCREW,HHC,3/8-16 X 1.25 models with Kubota engine	4
15B	991761GT	SCREW,HHC,3/8-16 X 1.25 models with Perkins engine	2
16A	990470GT	WASHER,LOCK,3/8,ZAG models with Kubota engine	4
16B	990470GT	WASHER,LOCK,3/8,ZAG models with Perkins engine	2
17A	981120GT	WASHER FLAT 3/8 ZP SAE BIN models with Kubota engine	4
17B	981120GT	WASHER FLAT 3/8 ZP SAE BIN models with Perkins engine	2
18A	189347GT	BRACKET,GENERATOR MOUNT models with Kubota engine (shown)	1
18B	116517GT	FP-GEN MOUNT BAR RL PERK T4 models with Perkins engine	1
19	991650GT	WASHER LOCK 1/2ZP	2
20	990270GT	SCREW,HHC,1/2-13 X 3.5 GR8	2
21	116244GT	FP-GEN MNT BAR,MAR SM HOLES	1
22	981450GT	SCREW,HHC,3/8-16 X 1.5	4
23	116254GT	GENERATOR,6.5KW,220V,50HZ,MAR 7 kW, 50 Hz (Marathon 201CSA5422)	
23-	116177GT	DRIVE DISC(C-107) MARATHON (engine end)	
23-	836853GT	DIODE,MARATHON (opposite engine end)	
23-	836856GT	MARATHON SUPPRESSOR/VARISTOR (opposite engine end)	
23-	T111700GT	BEARING, MARATHON GEN (opposite engine end)	
24	85207GT	CAPACITOR,45 MF***OVAL (for 332CSA5213)	
24-	116184GT	CLAMP,CAPACITOR (for 332CSA5213)	
24-		Ref., WIRE HARNESS refer to 409.1	

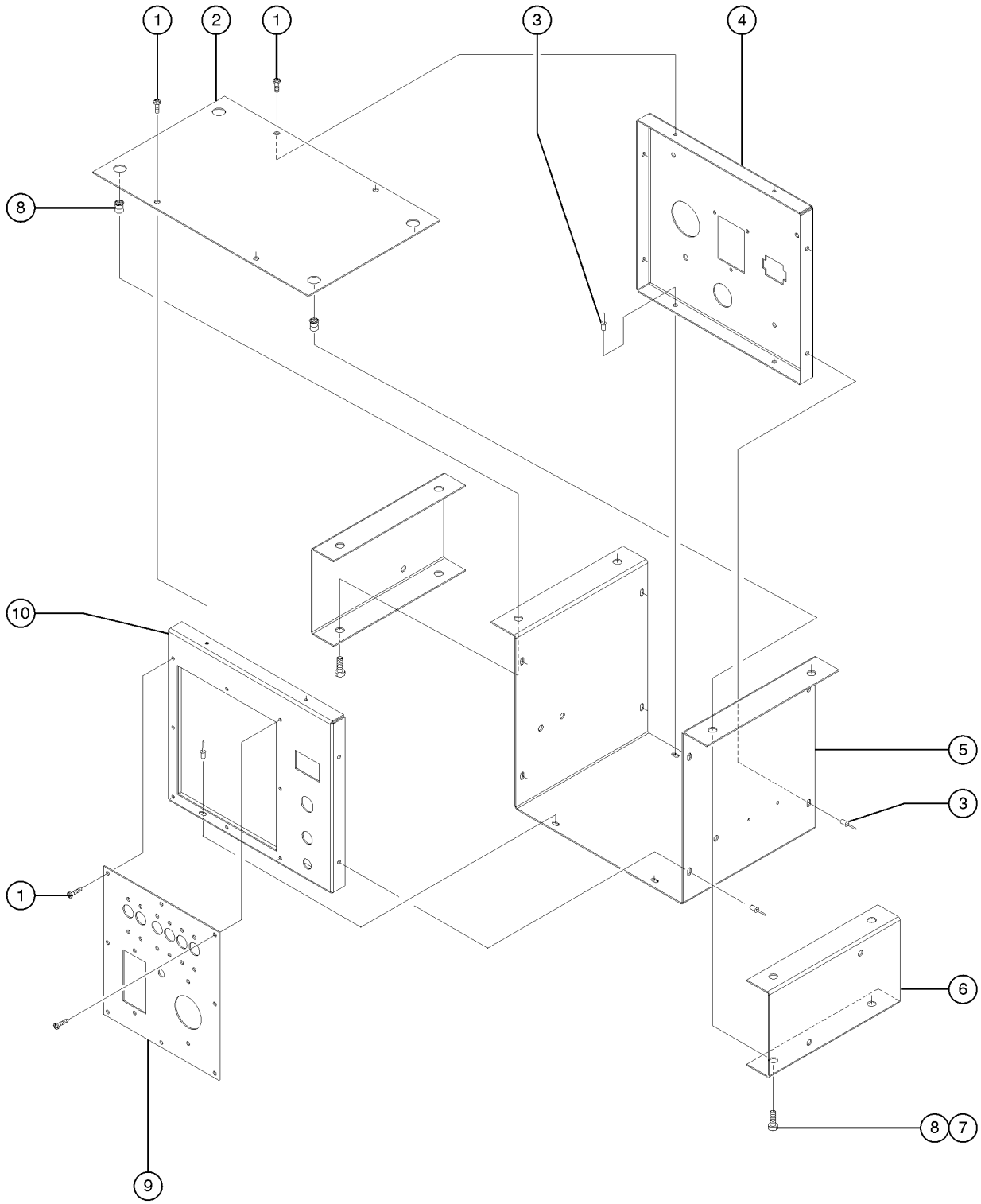
401.1 Control Box, 60 Hz, View 1



401.1 Control Box, 60 Hz, View 1

Item	Part No.	Description	Qty.
1	996340GT	SCREW,PHM,10-16 X 3/4 (tek screw)	
2	186543GT	FP-CONTROL BOX,TOP	1
3	990670GT	RIVET,POP,SS,3/16"X1/2" BLIND	
4	823430GT	FP-CONTROL BOX,REAR,50HZ,STD (replaced 186542GT from SN AL413-2417)	1
5A	186540GT	BASE,CONTROL BOX,AL4 CONS (shown)	1
5B	227275GT	FORMING, CONTROL BOX BASE, XTRA GFI	
6	186554GT	BRACKET,E-BOX,AUTOSTART,AL4	2
7	C51601444GT	SCREW,FLANGE,1/4-20X1/2" PATCH	
8	993310GT	NUTSERT,1/4-20	
9	T109757GT	PANEL,CNTL BOX FACE,CSA	1
10	186544GT	BRACKET,E-BOX,AUTOSTART,AL4	1

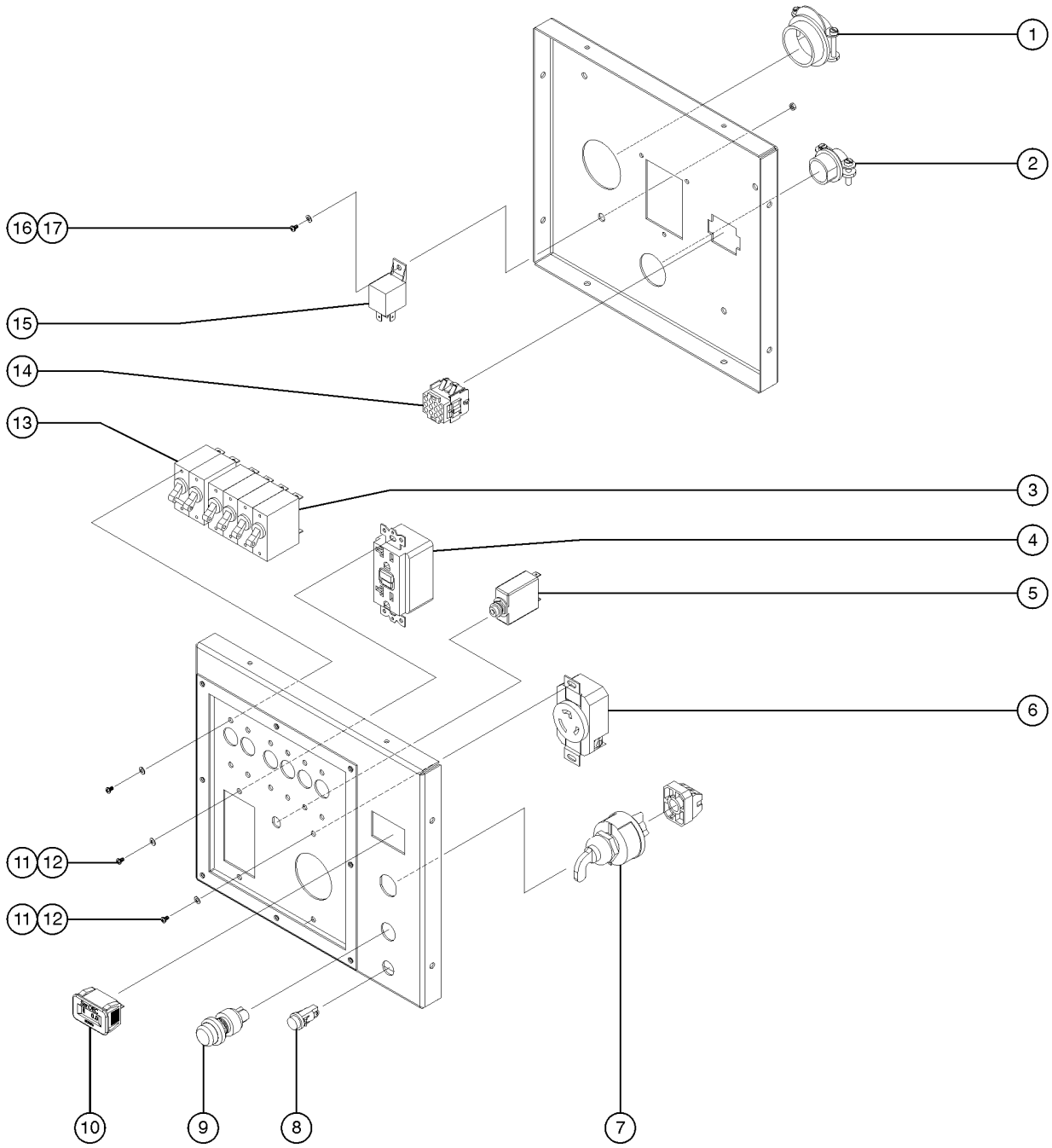
401.1 Control Box, 60 Hz, View 1



401.1 Control Box, 60 Hz, View 1

Item	Part No.	Description	Qty.
1	996340GT	SCREW,PHM,10-16 X 3/4 (tek screw)	
2	186543GT	FP-CONTROL BOX,TOP	1
3	990670GT	RIVET,POP,SS,3/16"X1/2" BLIND	
4	823430GT	FP-CONTROL BOX,REAR,50HZ,STD (replaced 186542GT from SN AL413-2417)	1
5A	186540GT	BASE,CONTROL BOX,AL4 CONS (shown)	1
5B	227275GT	FORMING, CONTROL BOX BASE, XTRA GFI	
6	186554GT	BRACKET,E-BOX,AUTOSTART,AL4	2
7	C51601444GT	SCREW,FLANGE,1/4-20X1/2" PATCH	
8	993310GT	NUTSERT,1/4-20	
9	T109757GT	PANEL,CNTL BOX FACE,CSA	1
10	186544GT	BRACKET,E-BOX,AUTOSTART,AL4	1

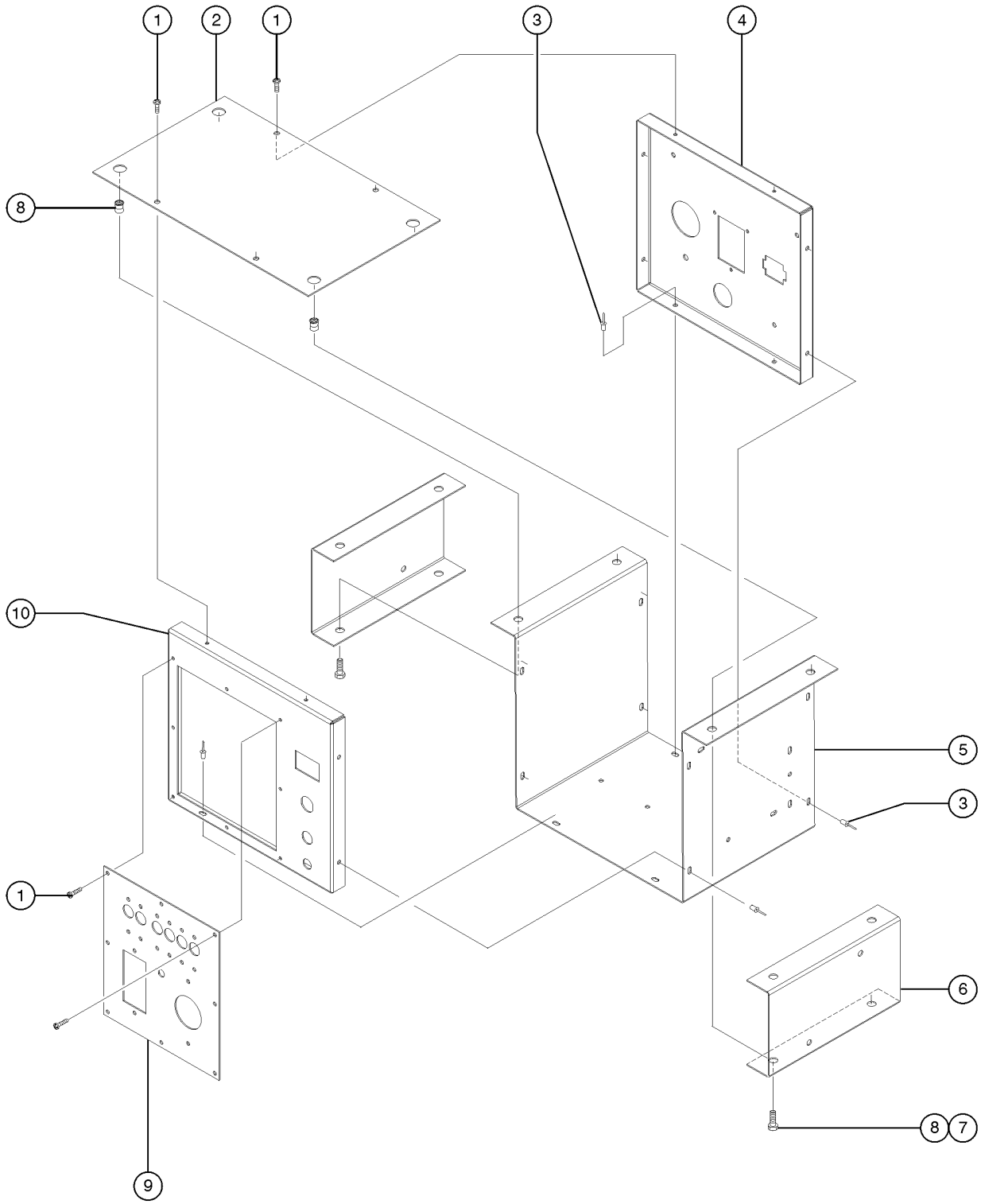
402.1 Control Box, 60 Hz, View 2



402.1 Control Box, 60 Hz, View 2

Item	Part No.	Description	Qty.
A	826910GT	KIT CNTRL BOX 60HZ ALRL4 (to SN AL413-2416)	
A-	826915GT	KIT CONTROL BOX TO COIL CORD (to SN AL413-2416)	
A-	822789GT	CNTRL,BOX,60HZ,MH,4PTL	
B	822789GT	CNTRL,BOX,60HZ,MH,4PTL (with 4 pole receptacle and 8 pin Deutsch connector, replaced 218588) (from SN AL413-2417)	
1	686220GT	CONNECTOR 2 SCREW 1.25T-B	1
2	680030GT	CONNECTOR 2 SCREW 3/4	1
2-	680250GT	LOCKNUT, CONDUIT 3/4CSA APPVD	
3	T113641GT	BREAKER,15A,120VAC 1P,CSA	4
4A	684640GT	RECEPTACLE 20A 120V DUPLEX GFI (all models)	1
4B	684640GT	RECEPTACLE 20A 120V DUPLEX GFI (models with extra GFI installed on side of control box)	2
5	T113642GT	BREAKER,20A MINI,120VAC 1P,CSA	1
6A	684450GT	RECEP 30A 20V 3POLE	1
6B	686160GT	RECEP 30A 120/240V 4 POLE	
7	684380GT	IGNITION SWITCH,LEVER OPR	1
8	682715GT	LIGHT INDICATOR 12VRED	1
9	R660010GT	SWITCH PUSH-BUTTON W/BOOT	1
10	T106193GT	HOURMETER,DIGITAL,RECTANGULAR	1
11	995300GT	SCREW,PHM,6-32 X .25	
12	994420GT	WASHER,LOCK,#6 SS	
13	T113644GT	BREAKER,30A 250VAC 2P,CSA	2
14	684167GT	CONNECTOR 12P FEMALE	1
15	R661490GT	RELAY 12V DC 30A NO OR	1
16	55306GT	SCREW,PHILLIPS,PHM,4-40 X .50	4
17	40766GT	NUT,NYLOCK,4-40	4

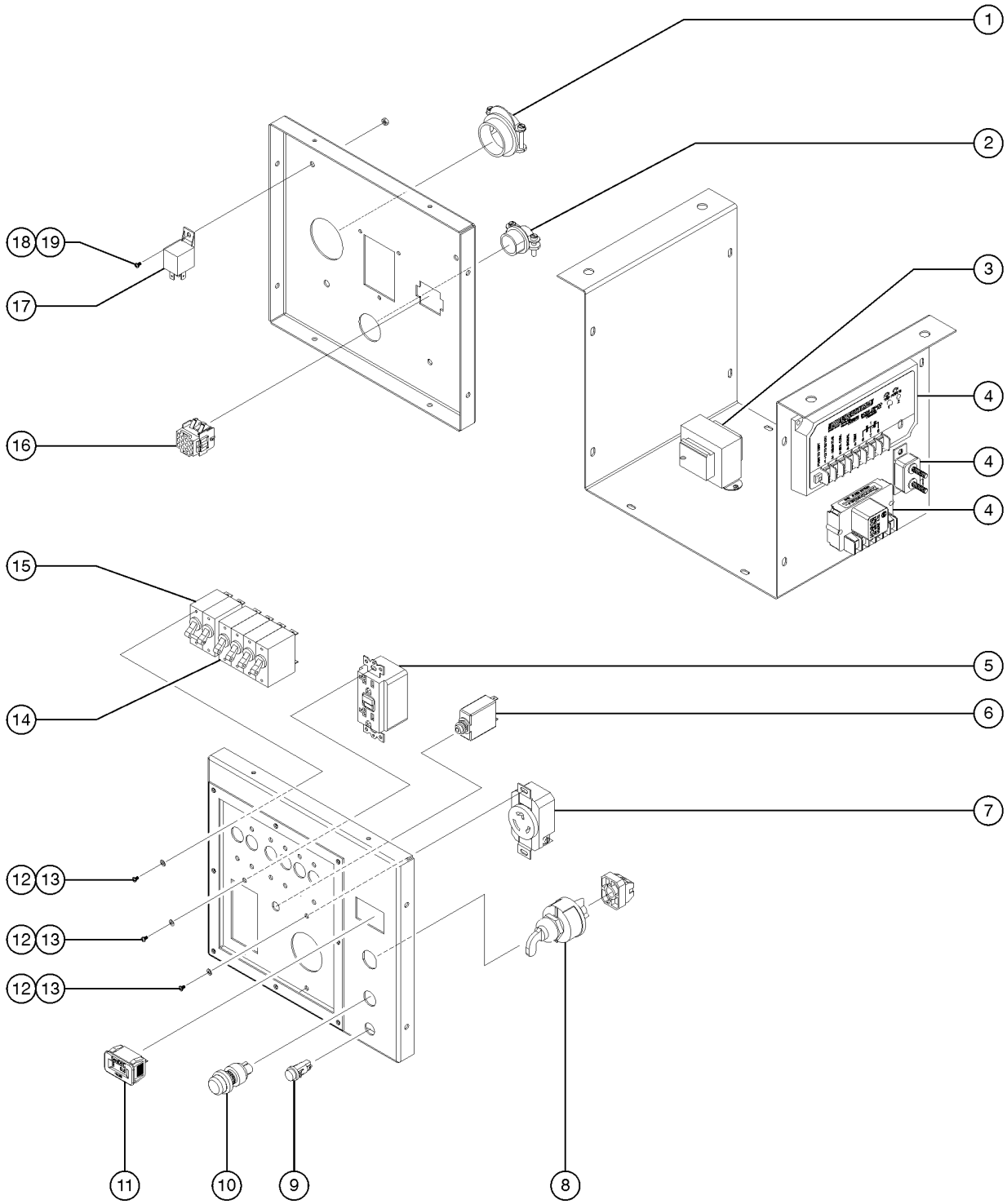
403.1 Control Box, 60 Hz with Auto Air Shutdown, View 1



403.1 Control Box, 60 Hz with Auto Air Shutdown, View 1

Item	Part No.	Description	Qty.
1	996340GT	SCREW,PHM,10-16 X 3/4	
2	186543GT	FP-CONTROL BOX,TOP	1
3	990670GT	RIVET,POP,SS,3/16"X1/2" BLIND	
4	833430GT	FP-CONTROL BOX,REAR,50HZ,STD (replaced 186542GT from SN AL413-2417)	1
5	227086GT	FORMING CNTRL BOX AUTO AS 8KW	1
6	186554GT	BRACKET,E-BOX,AUTOSTART,AL4	2
7	C51601444GT	SCREW,FLANGE,1/4-20X1/2" PATCH	
8	993310GT	NUTSERT,1/4-20	
9	T109757GT	PANEL,CNTL BOX FACE,CSA	1
10	186544GT	BRACKET,E-BOX,AUTOSTART,AL4	1

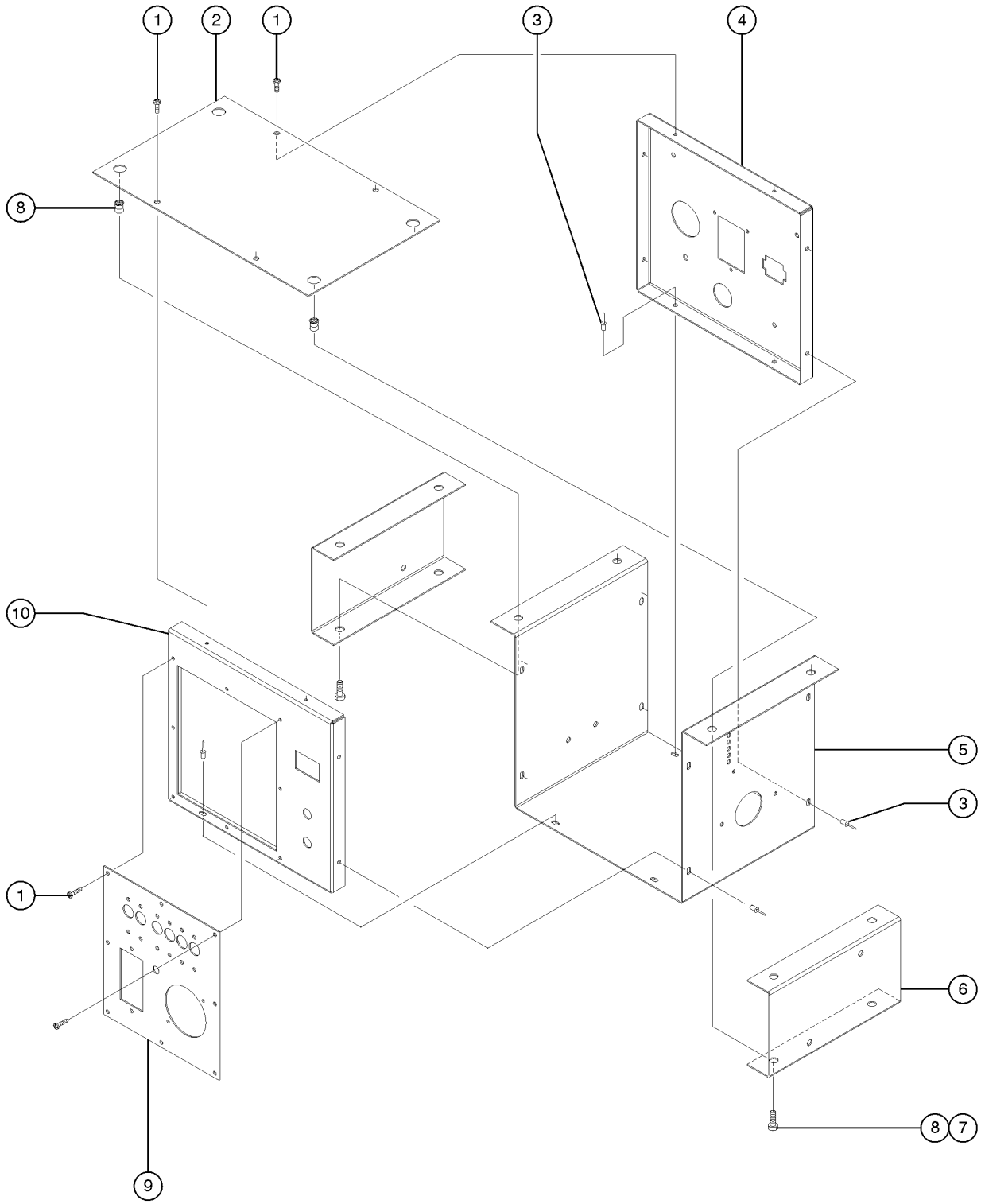
404.1 Control Box, 60 Hz with Auto Air Shutdown, View 2



404.1 Control Box, 60 Hz with Auto Air Shutdown, View 2

Item	Part No.	Description	Qty.
	227085GT	ASM,CNTRL BOX AUTO AS 8KW	
1	686220GT	CONNECTOR 2 SCREW 1.25T-B	1
2	680030GT	CONNECTOR 2 SCREW 3/4	1
2-	680250GT	LOCKNUT, CONDUIT 3/4CSA APPVD	
3	669086GT	TRANSFORMER 120/24VAC	1
4	742369GT	SHUTDOWN ,OVERSPEED,RD (includes fuse and 20A AC breaker)	1
5	684640GT	RECEPTACLE 20A 120V DUPLEX GFI	1
6	T113642GT	BREAKER,20A MINI,120VAC 1P,CSA	1
7A	684450GT	RECEP 30A 20V 3POLE	1
7B	686160GT	RECEP 30A 120/240V 4 POLE	
8	684380GT	IGNITION SWITCH,LEVER OPR	1
9	682715GT	LIGHT INDICATOR 12VRED	1
10	R660010GT	SWITCH PUSH-BUTTON W/BOOT	1
11	T106193GT	HOURMETER,DIGITAL,RECTANGULAR	1
12	995300GT	SCREW,PHM,6-32 X .25	
13	994420GT	WASHER,LOCK,#6 SS	
14	T113641GT	BREAKER,15A,120VAC 1P,CSA	4
15	T113644GT	BREAKER,30A 250VAC 2P,CSA	2
16	684167GT	CONNECTOR 12P FEMALE	1
17	R661490GT	RELAY 12V DC 30A NO OR	1
18	55906GT	SCREW, PHILLIPS, PHM, 8-32 X .5	4
19	40766GT	NUT,NYLOCK,4-40	4

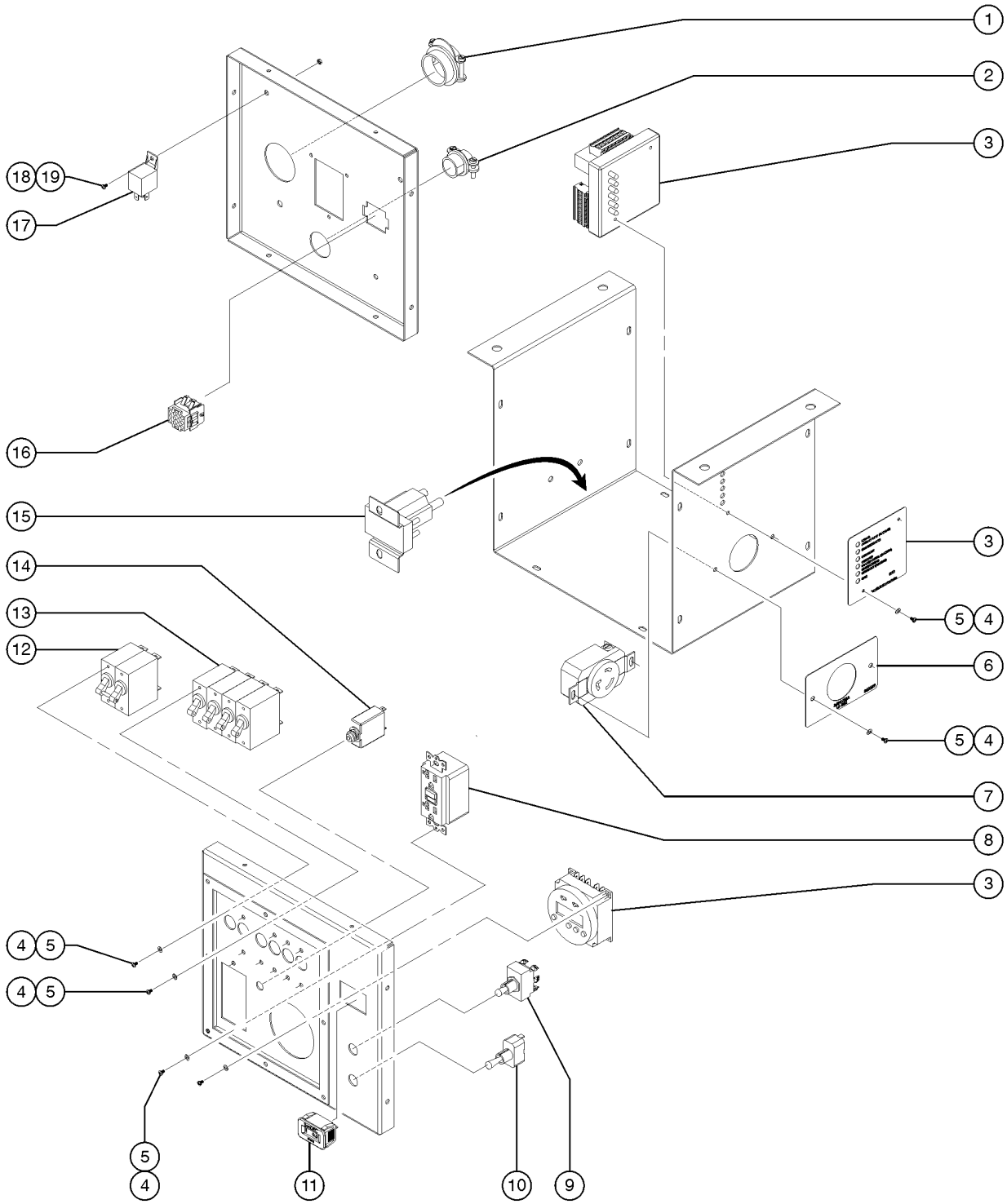
405.1 Control Box, Autostart, View 1



405.1 Control Box, Autostart, View 1

Item	Part No.	Description	Qty.
1	996340GT	SCREW,PHM,10-16 X 3/4 (tek screw)	
2	186543GT	FP-CONTROL BOX,TOP	1
3	990670GT	RIVET,POP,SS,3/16"X1/2" BLIND	
4	823430GT	FP-CONTROL BOX,REAR,50HZ,STD (replaced 186542GT at SN AL413-2417)	1
5	186550GT	FP-CONTROL BOX BODY, AUTO	1
6	186554GT	BRACKET,E-BOX,AUTOSTART,AL4	1
7	C51601444GT	SCREW,FLANGE,1/4-20X1/2" PATCH	
8	993310GT	NUTSERT,1/4-20	
9	186553GT	FP-CONTROL BOX, FACE AUTO	1
10	186552GT	FORMING,PAN.FRNT,CT BOX AUTOST	1

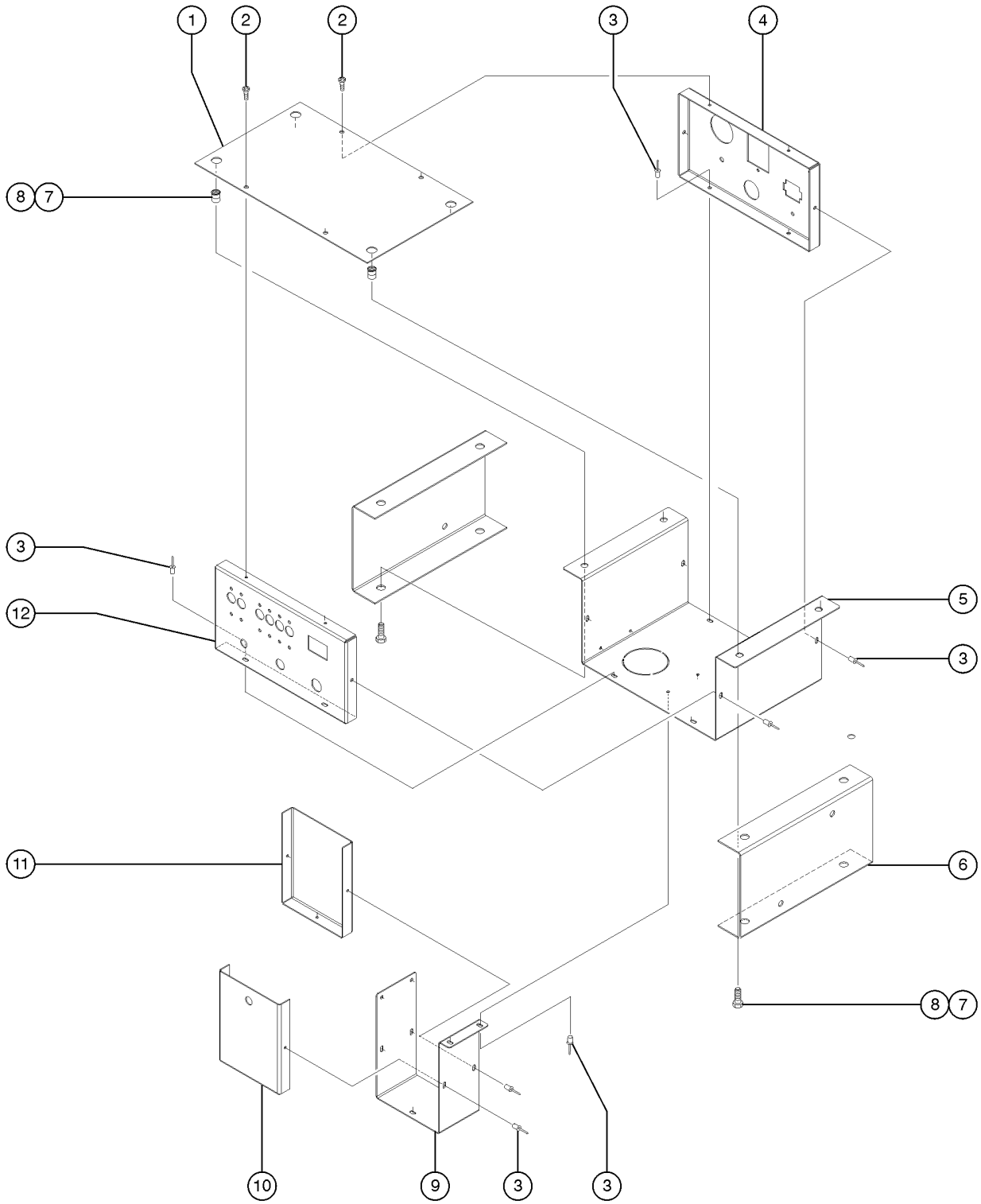
406.1 Control Box, Autostart, View 2



406.1 Control Box, Autostart, View 2

Item	Part No.	Description	Qty.
	T114063GT	CNTRL BOX,60HZ,AUTOSTART	
1	686220GT	CONNECTOR 2 SCREW 1.25T-B	1
2	680030GT	CONNECTOR 2 SCREW 3/4	1
2-	680250GT	LOCKNUT, CONDUIT 3/4CSA APPVD	
3	261299GT	AUTOSTART CONTROLLER (includes control board, timer, decal and fasteners)	1
4	995300GT	SCREW,PHM,6-32 X .25	
5	994420GT	WASHER,LOCK,#6 SS	
6	853309GT	DECAL:240V 30 AMP RECEPTACLE	1
7	684450GT	RECEP 30A 20V 3POLE	1
8	684640GT	RECEPTACLE 20A 120V DUPLEX GFI	1
9	672262GT	SWITCH, TOGGLE 6A DPDT ON/OFF	1
10	C42208400GT	SWITCH TOGGLE SPST	1
11	T106193GT	HOURMETER,DIGITAL,RECTANGULAR	1
12	T113644GT	BREAKER,30A 250VAC 2P,CSA	2
13	T113641GT	BREAKER,15A,120VAC 1P,CSA	4
14	T113642GT	BREAKER,20A MINI,120VAC 1P,CSA	1
15	160761GT	CONTACTOR 100 A DP 12VDC AUTO	1
16	684167GT	CONNECTOR 12P FEMALE	1
17	R661490GT	RELAY 12V DC 30A NO OR	4
18	55306GT	SCREW,PHILLIPS,PHM,4-40 X .50	4
19	40766GT	NUT,NYLOCK,4-40	4

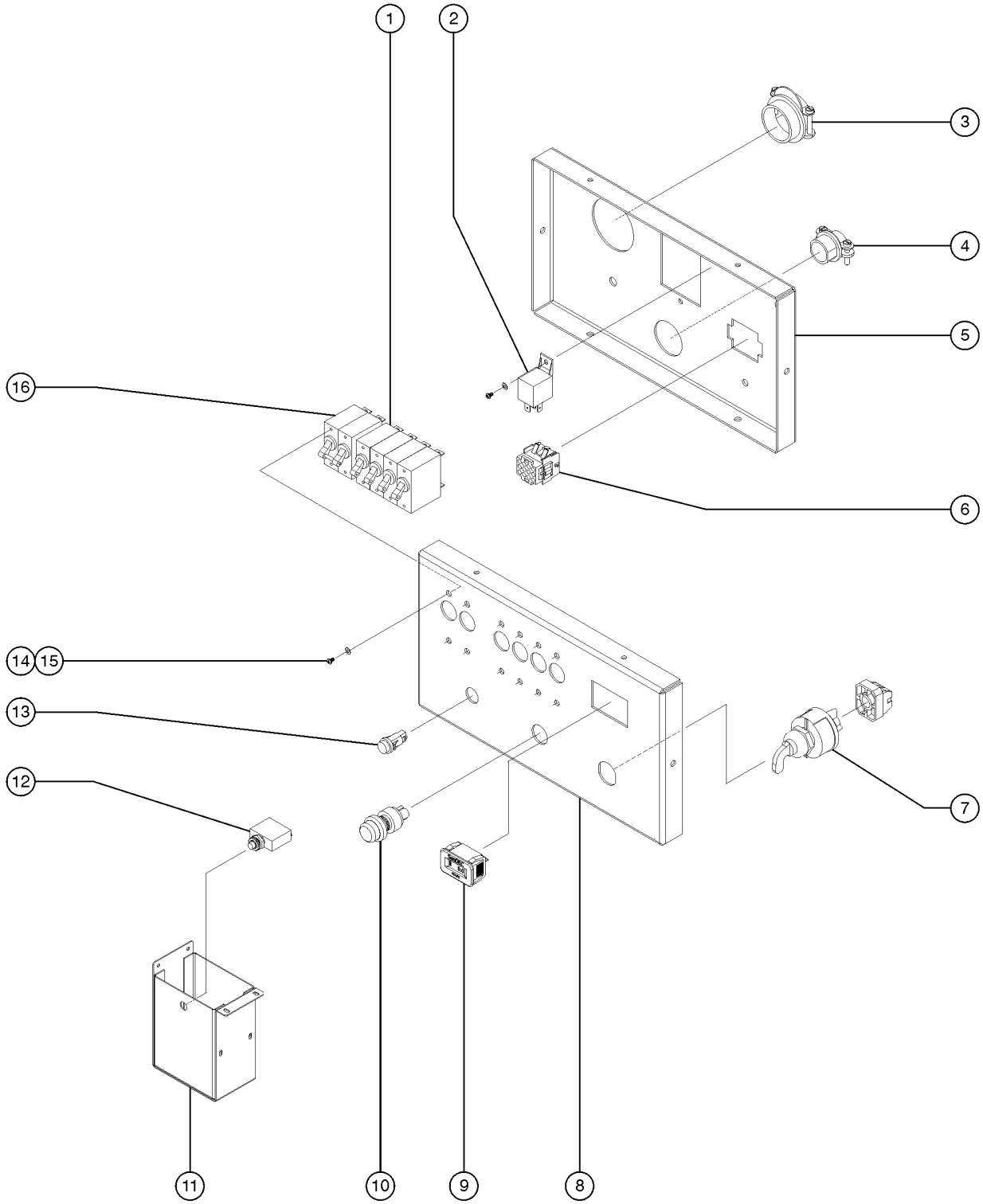
407.1 Control Box, 50 Hz, View 1



407.1 Control Box, 50 Hz, View 1

Item	Part No.	Description	Qty.
1	186543GT	FP-CONTROL BOX,TOP	1
2	996340GT	SCREW,PHM,10-16 X 3/4	
3	990670GT	RIVET,POP,SS,3/16"X1/2" BLIND	
4	823428GT	FP-CONTROL BOX,REAR,SHORT (replaced 116802GT, from SN AL413-2417)	1
5	116801GT	FP-CONTROL BOX,BODY 50HZ	1
6	186554GT	BRACKET,E-BOX,AUTOSTART,AL4	1
7	C51601444GT	SCREW,FLANGE,1/4-20X1/2" PATCH	
8	993310GT	NUTSERT,1/4-20	
9	116919GT	FP-CONTROL BOX REC BOTTOM	1
10	996920GT	FP-CONTROL BOX REC FRONT	1
11	116921GT	FP-CONTROL BOX REC BACK	1
12	116803GT	FP-CONTROL BOX,FRONT 50HZ	1

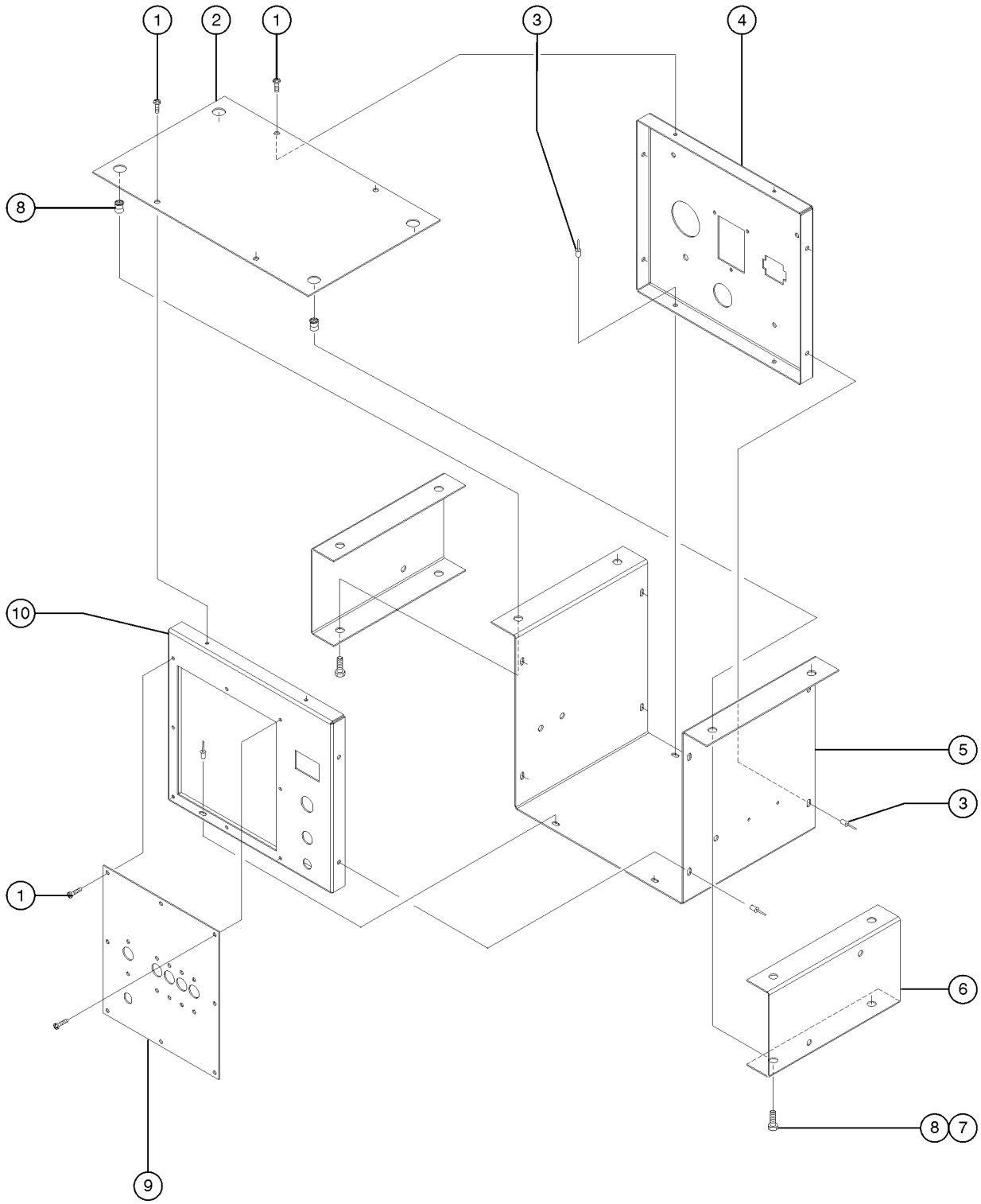
408.1 Control Box, 50 Hz, View 2



408.1 Control Box, 50 Hz, View 2

Item	Part No.	Description	Qty.
A	826911GT	KIT CNTRL BOX 50HZ ALRL4 (to SN AL413-2416)	
A-	826915GT	KIT CONTROL BOX TO COIL CORD (to SN AL413-2416)	
A-	822784GT	CONTRL BOX 50HZ, MH, 7KW,AL,RL	
B	822784GT	CONTRL BOX 50HZ, MH, 7KW,AL,RL (replaced 116922GT) (from SN AL413-2417)	
1	683870GT	BREAKER 1P 15A 277VA	1
2	R661490GT	RELAY 12V DC 30A NO OR	1
3	686220GT	CONNECTOR 2 SCREW 1.25T-B	1
4	680030GT	CONNECTOR 2 SCREW 3/4	1
4-	680250GT	LOCKNUT, CONDUIT 3/4CSA APPVD	
5		Ref. FP-CONTROL BOX REC BACK (refer to 405.1)	
6	684167GT	CONNECTOR 12P FEMALE	1
7	684380GT	IGNITION SWITCH,LEVER OPR	1
8		Ref. FP-CONTROL BOX REC FRONT (refer to 405.1)	
9	T106193GT	HOURMETER,DIGITAL,RECTANGULAR	1
10	R660010GT	SWITCH PUSH-BUTTON W/BOOT	1
11		Ref. ELEC BOX (refer to 405.1)	
12	T113642GT	BREAKER,20A MINI,120VAC 1P,CSA	1
13	682715GT	LIGHT INDICATOR 12VRED	1
14	995300GT	SCREW,PHM,6-32 X .25	12
15	994420GT	WASHER,LOCK,#6 SS	12
16	T113644GT	BREAKER,30A 250VAC 2P,CSA	2

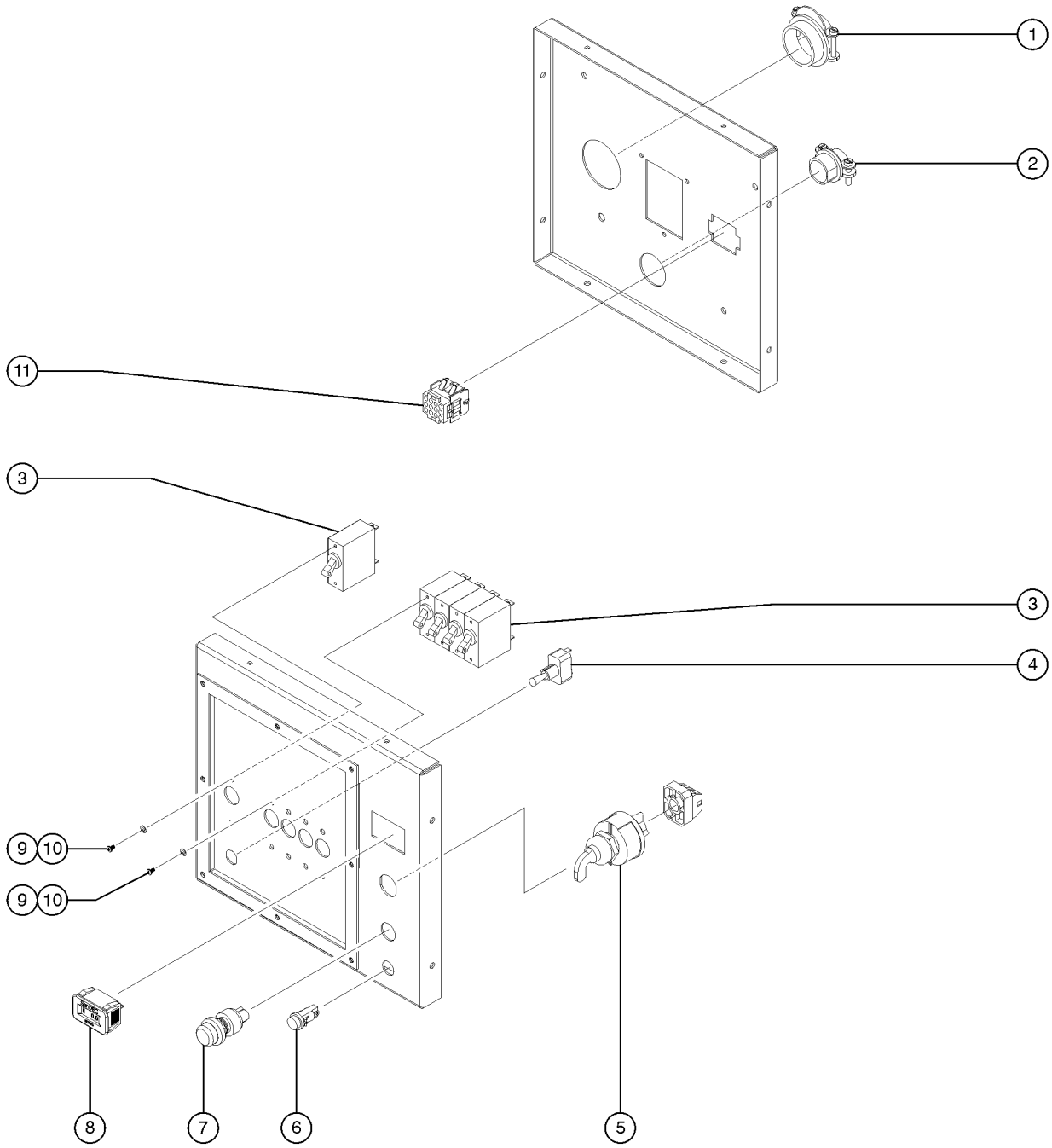
409.1 Control Box, 50 Hz, Australia, View 1



409.1 Control Box, 50 Hz, Australia, View 1

Item	Part No.	Description	Qty.
1	996340GT	SCREW,PHM,10-16 X 3/4	
2	186543GT	FP-CONTROL BOX,TOP	1
3	990670GT	RIVET,POP,SS,3/16"X1/2" BLIND	
4	823430GT	FP-CONTROL BOX,REAR,50HZ,STD (replaced 186540GT, from SN AL413-2417)	1
5	186540GT	BASE,CONTROL BOX,AL4 CONS	1
6	186554GT	BRACKET,E-BOX,AUTOSTART,AL4	1
7	C51601444GT	SCREW,FLANGE,1/4-20X1/2" PATCH	
8	993310GT	NUTSERT,1/4-20	
9	186551GT	PLATE,FACE,CNTL BOX,AUS.AL4	1
10	186544GT	BRACKET,E-BOX,AUTOSTART,AL4	1

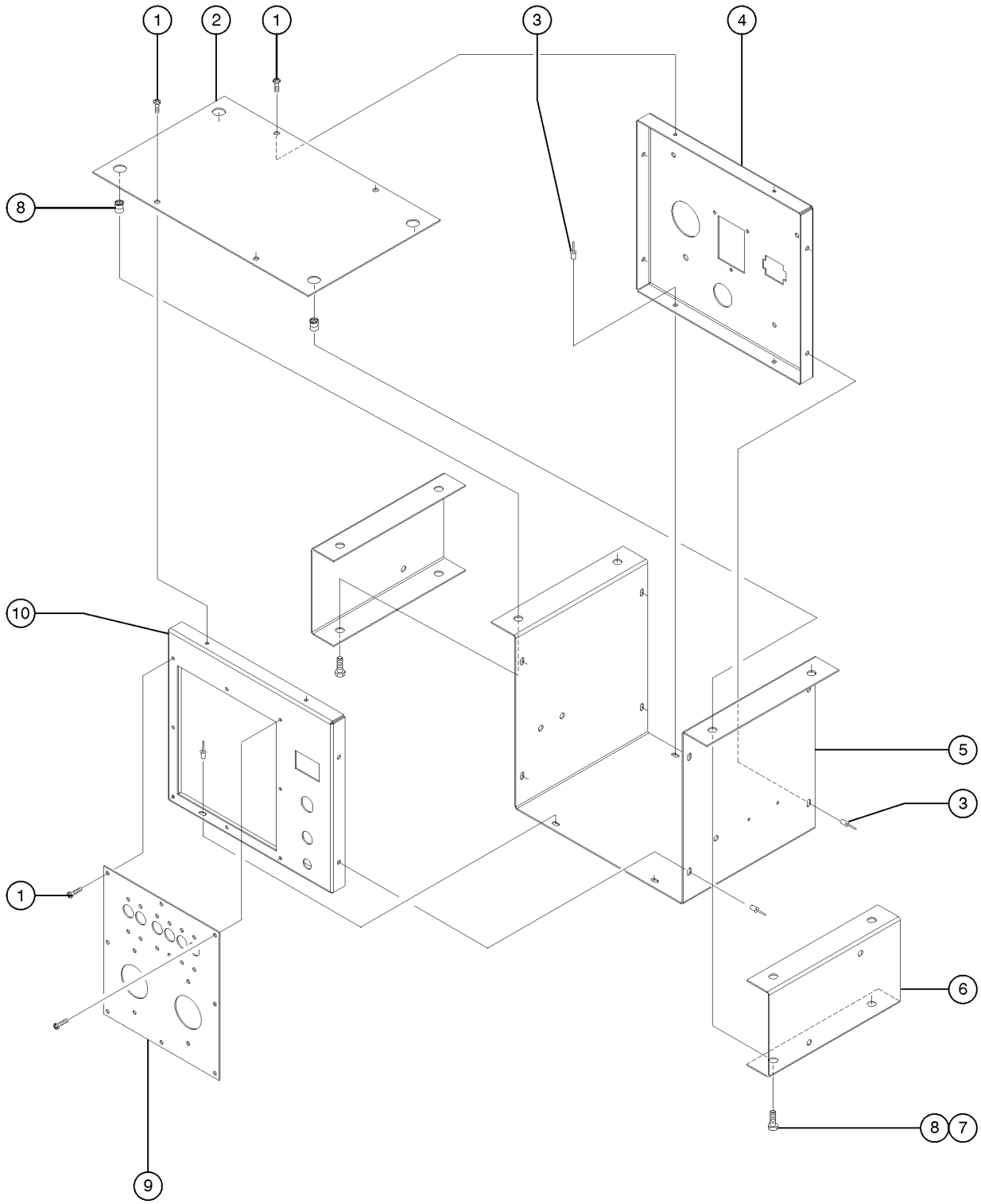
410.1 Control Box, 50 Hz, Australia, View 2



410.1 Control Box, 50 Hz, Australia, View 2

Item	Part No.	Description	Qty.
A	826912GT	KIT CNTRL BOX 240V AUS	1
A-	826915GT	KIT CONTROL BOX TO COIL CORD	
A-	822787GT	CNTRL BOX 50HZ MH 7KW 240V AUS	
1	686220GT	CONNECTOR 2 SCREW 1.25T-B	1
2	680030GT	CONNECTOR 2 SCREW 3/4	3
2-	680250GT	LOCKNUT, CONDUIT 3/4CSA APPVD	
3	683870GT	BREAKER 1P 15A 277VA	4
4	C42202900GT	SWITCH TOGGLE SPDTON-	1
5	684380GT	IGNITION SWITCH,LEVER OPR	1
6	682715GT	LIGHT INDICATOR 12VRED	1
7	R660010GT	SWITCH PUSH-BUTTON W/BOOT	1
8	T106193GT	HOURMETER,DIGITAL,RECTANGULAR	1
9	995300GT	SCREW,PHM,6-32 X .25	10
10	994420GT	WASHER,LOCK,#6 SS	10
11	684167GT	CONNECTOR 12P FEMALE	1

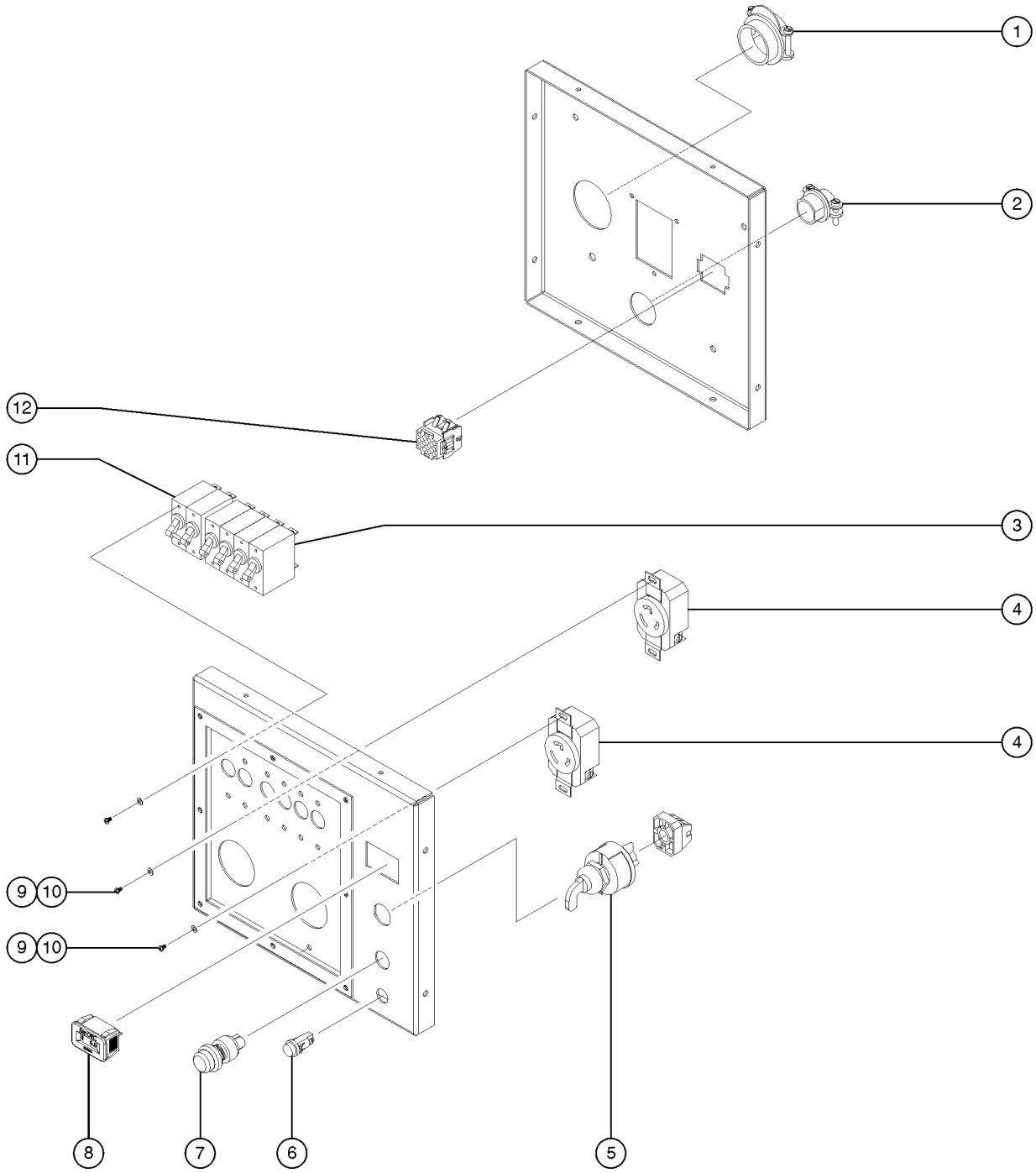
411.1 Control Box, 50 Hz, Twistlock, View 1



411.1 Control Box, 50 Hz, Twistlock, View 1

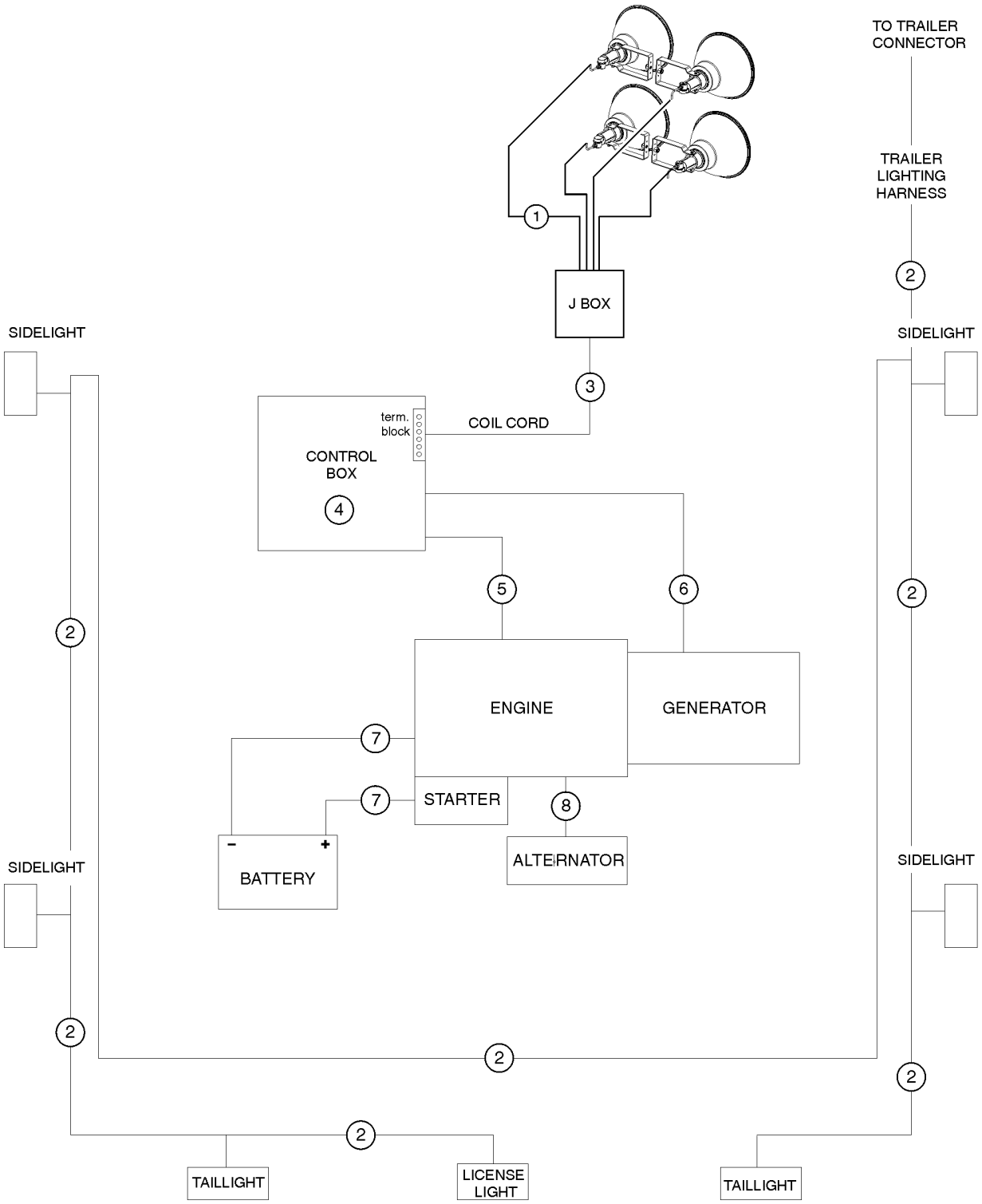
Item	Part No.	Description	Qty.
1	996340GT	SCREW,PHM,10-16 X 3/4	
2	186543GT	FP-CONTROL BOX,TOP	1
3	990670GT	RIVET,POP,SS,3/16"X1/2" BLIND	
4	823430GT	FP-CONTROL BOX,REAR,50HZ,STD (replaced 186542GT, from SN AL413-2417)	1
5	186540GT	BASE,CONTROL BOX,AL4 CONS	1
6	186554GT	BRACKET,E-BOX,AUTOSTART,AL4	1
7	C51601444GT	SCREW,FLANGE,1/4-20X1/2" PATCH	
8	993310GT	NUTSERT,1/4-20	
9	T107893GT	PANEL,FRONT,CTRL BOX, 2 TL	1
10	186544GT	BRACKET,E-BOX,AUTOSTART,AL4	1

412.1 Control Box, 50 Hz, Twistlock, View 2

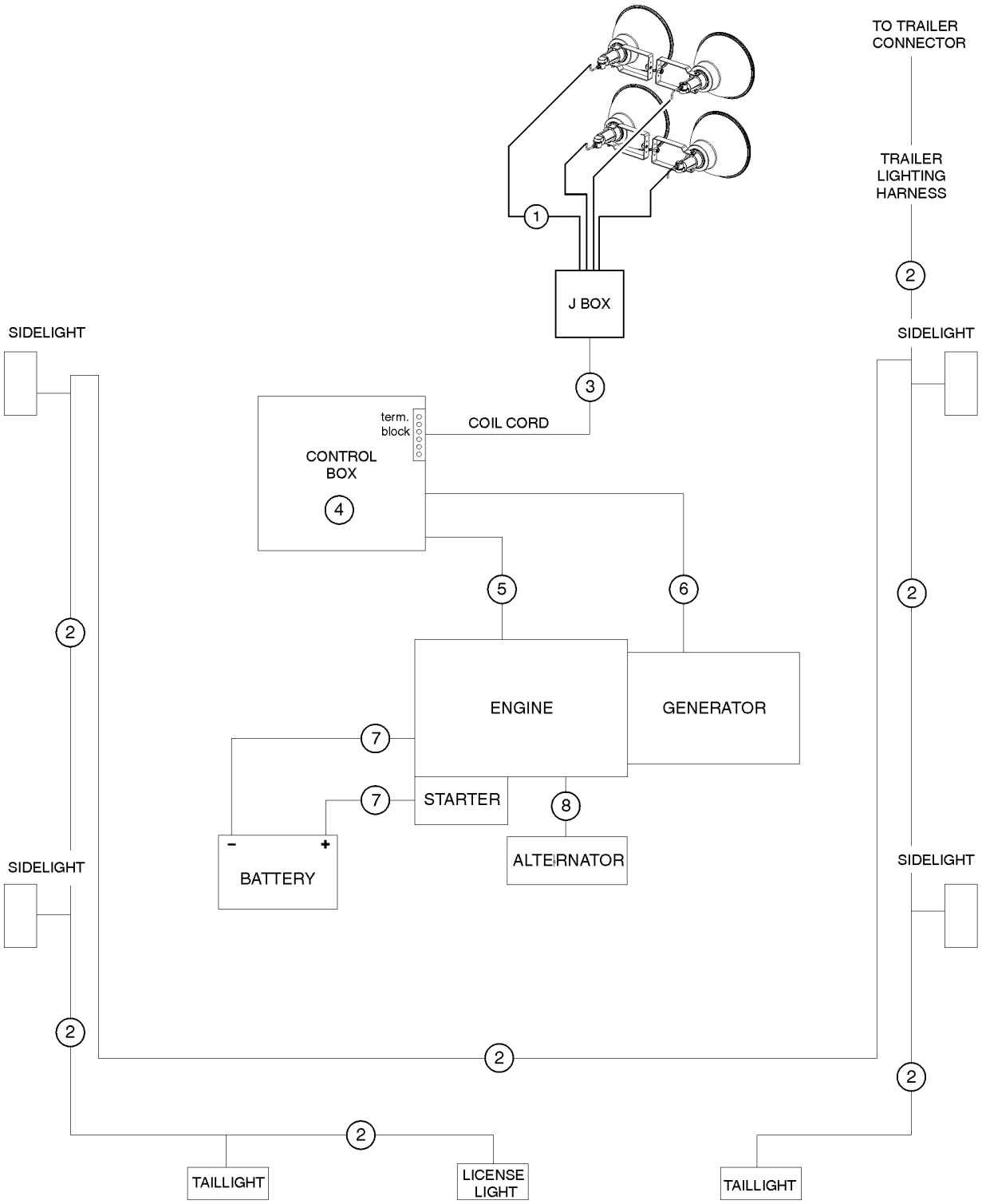


412.1 Control Box, 50 Hz, Twistlock, View 2

Item	Part No.	Description	Qty.
A	826914GT	KIT CNTRL BOX 50HZ 2XTL	
A-	826915GT	KIT CONTROL BOX TO COIL CORD	
A-	822786GT	CONTROL BOX 50HZ 7KW TL	
1	686220GT	CONNECTOR 2 SCREW 1.25T-B	1
2	680030GT	CONNECTOR 2 SCREW 3/4	1
2-	680250GT	LOCKNUT, CONDUIT 3/4CSA APPVD	
3	T113641GT	BREAKER,15A,120VAC 1P,CSA	4
4	684450GT	RECEP 30A 20V 3POLE	2
5	684380GT	IGNITION SWITCH,LEVER OPR	1
6	682715GT	LIGHT INDICATOR 12VRED	1
7	R660010GT	SWITCH PUSH-BUTTON W/BOOT	1
8	T106193GT	HOURMETER,DIGITAL,RECTANGULAR	1
9	995300GT	SCREW,PHM,6-32 X .25	12
10	994420GT	WASHER,LOCK,#6 SS	12
11	T113644GT	BREAKER,30A 250VAC 2P,CSA	2
12	684167GT	CONNECTOR 12P FEMALE	1

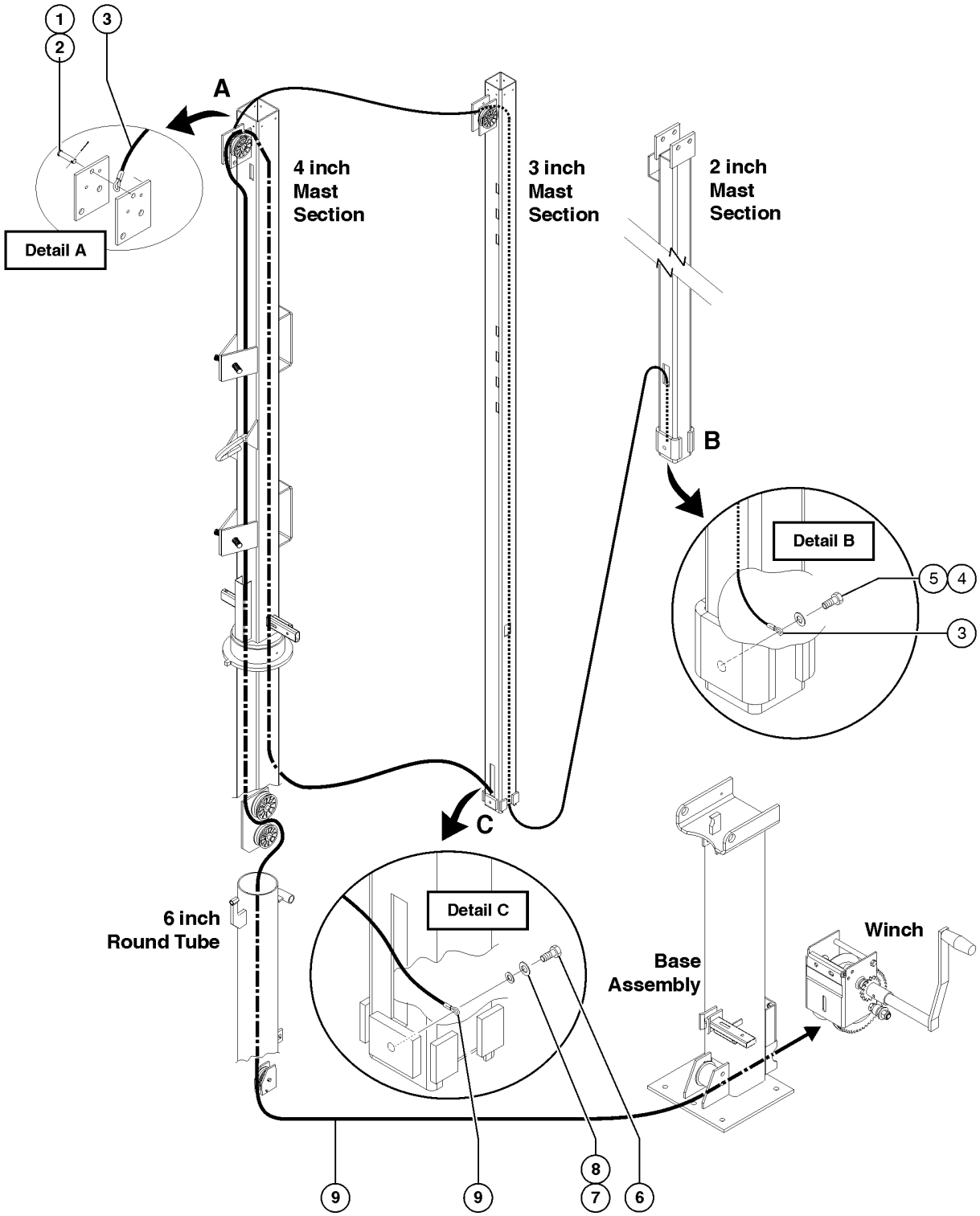

TO TRAILER CONNECTOR
TRAILER LIGHTING HARNESS
J BOX
SIDELIGHT
SIDELIGHT
term. block
COIL CORD
CONTROL BOX
ENGINE
GENERATOR
STARTER
ALTERNATOR
BATTERY
SIDELIGHT
SIDELIGHT
TAILLIGHT
LICENSE LIGHT
TAILLIGHT

Item	Part No.	Description	Qty.
1		Ref. LAMP PIGTAIL (refer to 507.1 or 508.1)	
2A	T109325GT	SVC KIT,TAILLIGHTS,AL	1
2A-	663430GT	CONNECTOR,TAILLIGHT,4 PIN (4-pole connector)	
2A-	663420GT	CONNECTOR,TAIL LIGHT,6 POLE (6-pole connector)	
2A-	663400GT	CONNECTOR,7-POLE,TLITE,RND PIN (7-pole connector (blade)	
2A-	663401GT	CONNECTOR,BLADE,POS,TAILT, 7P (7-pole connector (round); 663405GT required, order separately)	
2B	T110696GT	HARNESS,BLACK OUT LIGHTS	
2B-	T110697GT	HARNESS,12 PIN CONNECTOR (blackout light option)	
3A	826916GT	KIT COIL CORD WO/ JUNCTION BOX (coil cord without junction box) (from SN AL413-2416)	1
3A-	660287GT	CORD,RETRACT,66COIL,14/7 SOWA (from SN AL413-2416)	
3A-	822809GT	KIT, COIL CORD HW (from SN AL413-2416)	
3B	826917GT	KIT COIL CORD W JUNCTION BOX (from SN AL413-2416)	
3B-	T109014GT	JUNC.BOX,4MH/HPS (includes strain relief and connectors)	
3B-	822809GT	KIT, COIL CORD HW (from SN AL413-2416)	
3C	T109014GT	JUNC.BOX,4MH/HPS	
3C-	C48300108GT	BOX,JUNC,LIGHT TWR,4 CONN (Box only)	
3C-	680080GT	GRIP,HUBBLE 07401010	
3C-	680190GT	COVER,JUNC BOX W/GSKT, 2 GANG	
3C-	994380GT	SCREW,RH,6-32 X 5/8	
3C-	663870GT	CONNECTOR 3P FEMALE RECEPTACLE	
3D	1267257GT	CONN,5 PORT, WAGO	
3D	1267258GT	CONN,2 PORT, WAGO	
3E	660287GT	CORD,RETRACT,66COIL,14/7 SOWA (coil cord without junction box)	
3E	219219GT	BOX, JUNC, AUSTRALIA	
3F	219223GT	COIL CORD, AUS, IEC	
4A	116815GT	WIRE HARN,DC,IN CTRL BOX,2006 (engine)	1
4C	R660715GT	DIODE 6AMP-50 PIV 2-WIRE	1
5A	116820GT	WIRE HARN,ENG,KUBOTA,DC,2006 (engine)	1


TO TRAILER CONNECTOR
TRAILER LIGHTING HARNESS
J BOX
SIDELIGHT
SIDELIGHT
term. block
COIL CORD
CONTROL BOX
ENGINE
GENERATOR
STARTER
ALTERNATOR
BATTERY
SIDELIGHT
SIDELIGHT
TAILLIGHT
LICENSE LIGHT
TAILLIGHT

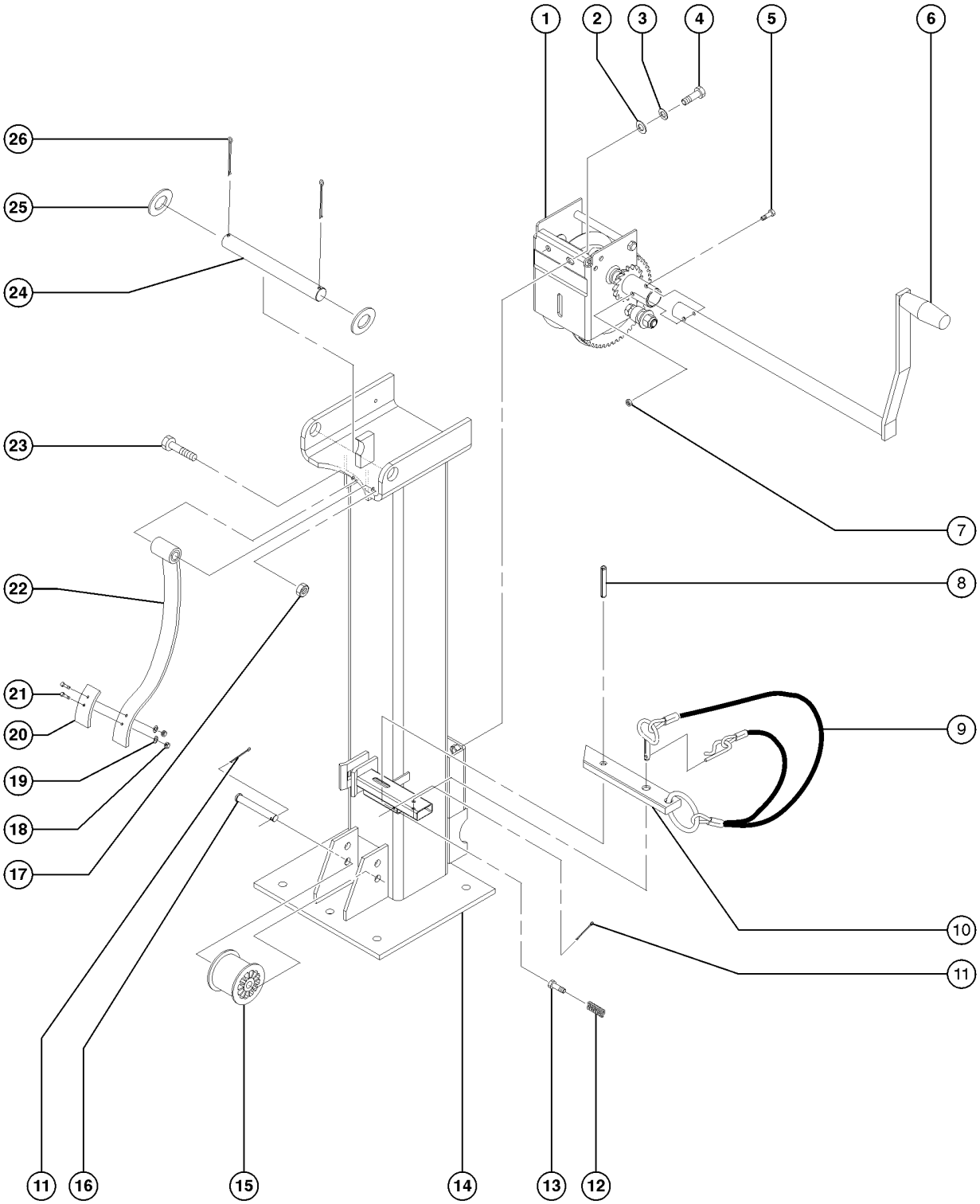
Item	*Part No.*	*Description*	*Qty.*
5B	116822GT	EA-WIRE HARNESS,PERKINS,DC (engine)	
5B-	800004GT	PIGTAIL,FUEL SOLENOID,KUBOTA	
6	237658GT	CABLE, POWER, 10/4 48"	1
6-	973420GT	KIT:GROUND WIRE	
7	160276GT	CABLE SET,BATTERY,24" RED&BLK	1
8	973085GT	KIT:ALTERNATOR WIRING,KUBOTA	1

501.1 Mast Assembly and Winch Cable Routing



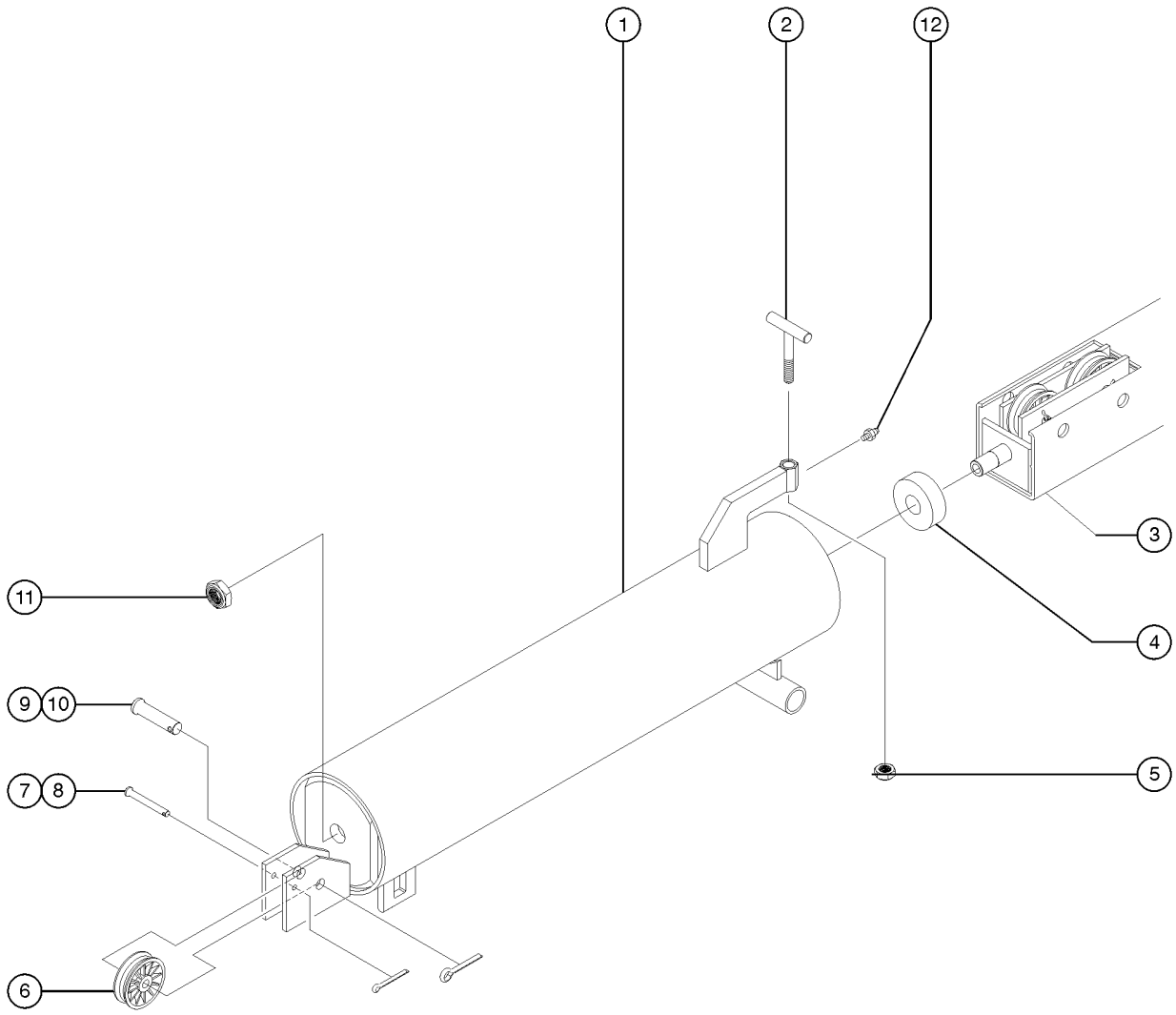
Item	*Part No.*	*Description*	*Qty.*
1	995780GT	CLEVIS PIN STAINLESSS	1
2	990650GT	COTTER PIN 1/8X1 SSBIN STOCK	1
3	109070GT	KIT,CABLE,UPPER AL4&5/LT5/SL4 (includes cable, shims, rivets, and fasteners)	1
4	996230GT	SCREW,HHC,3/8-16 X 7/8	1
5	990470GT	WASHER,LOCK,3/8,ZAG	1
6	990181GT	SCREW 3/8-16NCX1 HHC GR	1
7	15086GT	WASHER,FLAT,.375 X 1.5 X .125	1
8	990470GT	WASHER,LOCK,3/8,ZAG	1
9	109065GT	KIT- CABLE ASSY LOWER 1/4" AL4 (includes cable, shims, rivets, and fasteners) (refer to 504.1 and 505.1 for shim installation)	1

502.1 Tower Base Assembly



Item	Part No.	Description	Qty.
1		Ref. Winch (refer to 210.1)	
2	990080GT	WASHER FLAT 3/8USS ZPBIN	2
3	990470GT	WASHER,LOCK,3/8,ZAG	2
4	981575GT	SCREW,HHC,3/8-16 X 1 GR 5 ZP	2
5	6-5204-16GT	SCREW,HHC,1/4-20X2.00,GR8	1
6	124480GT	AS-WINCH HANDLE W/TUBE,AL4000	1
7	824024GT	NUT, TL, 1/4-20, C, ZAG	1
8	990660GT	ROLL PIN 1/4 X1-5/8	1
9	113362GT	MA-PIN LOCK SLIDE WITH RING (includes cable and pin)	1
10	22109517GT	KIT:LOCK SLIDE PIN W/ (includes items 8-13)	1
11	990650GT	COTTER PIN 1/8X1 SSBIN STOCK	2
12	790710GT	SPRING,COIL,1/2 X 2.25	1
13	980340GT	SCREW,HHC,5/16-18 X 0.5 IN	1
14A	230613GT	TOWER BASE ASSY W/DEC,ALXL,WRD OBSOLETE; USE UNTIL EXHAUSTED	1
14B	230638GT	TOWER BASE ASSY W/DEC,ALXL,SYM	1
15	184510GT	SHEAVE SPOOL 3 X2-1/2	1
16	995790GT	CLEVIS PIN STAINLESSS	1
17	990200GT	NUT,NYLOCK,1/2-13 GR2	1
18	824024GT	NUT, TL, 1/4-20, C, ZAG	2
19	824024GT	NUT, TL, 1/4-20, C, ZAG	2
20	186360GT	FP-BUMPER PAD,KICKOUT SPRING	1
21	1258649GT	SCREW, PANHEAD, 10-32 X 5/8	1
22	193750GT	SPRING,KICKOUT,0.262X1.75,AL'S	1
23	981920GT	SCREW,HHC,1/2-13 X 3 G	1
24	971290GT	KIT:TWR,30'CBL TO PIVOT POST (includes items 21 and 22)	1
24-	173115GT	PIN 1X9-1/4 TOWER PIVOT	
25	994000GT	WASHER FLAT 1S/S 18-8BIN	2
26	990770GT	COTTER PIN 3/16X1.5 SS	2

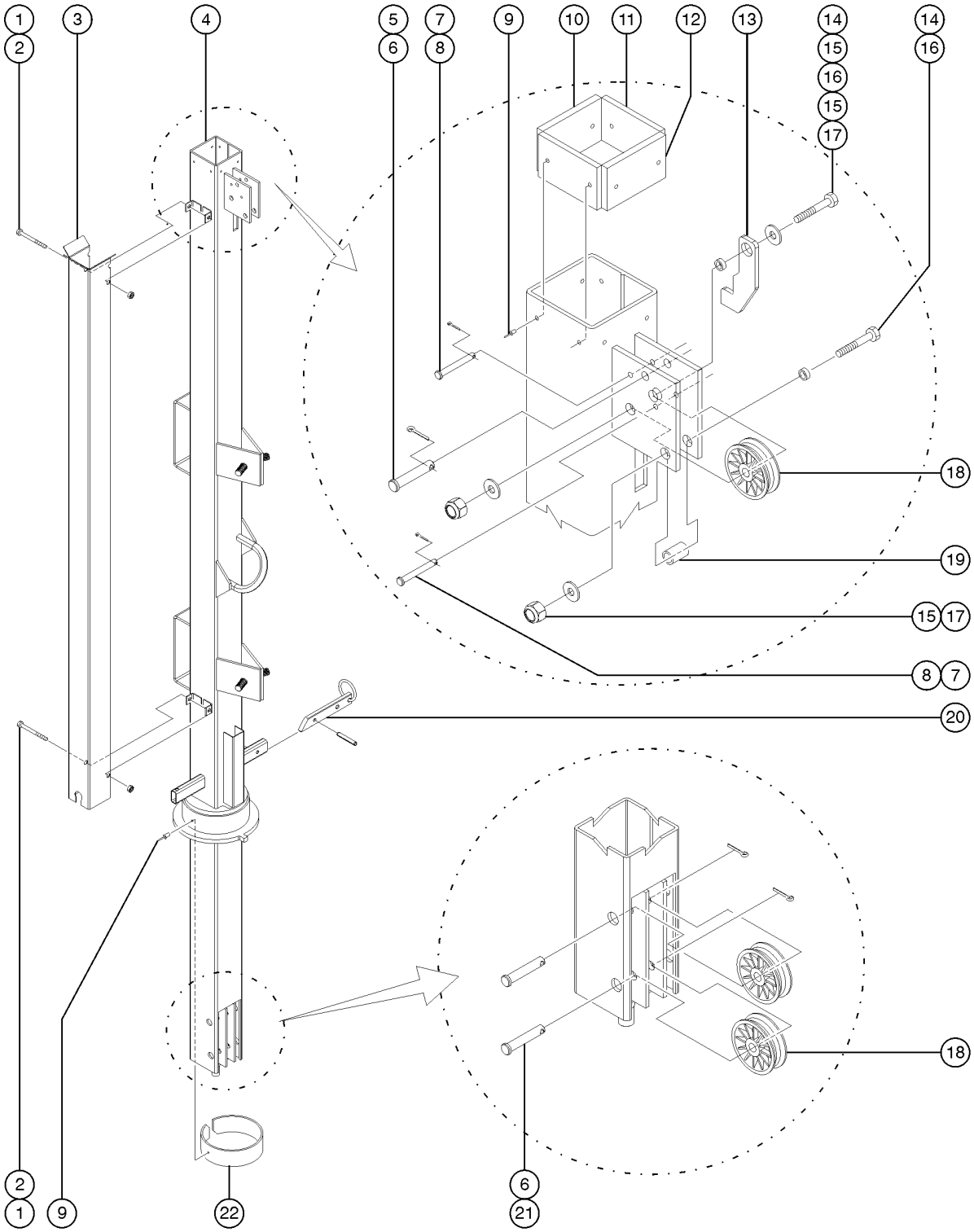
503.1 Round Tube Assembly, 6 Inch



503.1 Round Tube Assembly, 6 Inch

Item	*Part No.*	*Description*	*Qty.*
1	230612GT	6" ROUND TUBE ASSY W/DECAL	1
1-	974690GT	KIT:TOWER,30',6"ROUND TUBE (includes item 2 and items 5-11)	1
2	990610GT	BOLT,TEE 1/2-20 X 4.5	1
3		Ref. Mast Assy, 4" (refer to 504.1)	
4	179850GT	BUSHING 2.5ODX13/16	1
5	995190GT	NUT,NYLOCK,1/2-20	1
6	188760GT	SHEAVE 3-1/8 X15/16	1
7	995790GT	CLEVIS PIN STAINLESSS	1
8	994920GT	COTTER PIN 3/32X3/4 S	1
9	992765GT	CLEVIS PIN 1/2 X 2 STAINLESS S	1
10	990650GT	COTTER PIN 1/8X1 SSBIN STOCK	1
11	990620GT	NUT LOCK NYLON INSERT	1
12	28646GT	ZERK,GREASE,1/8 NPT	1

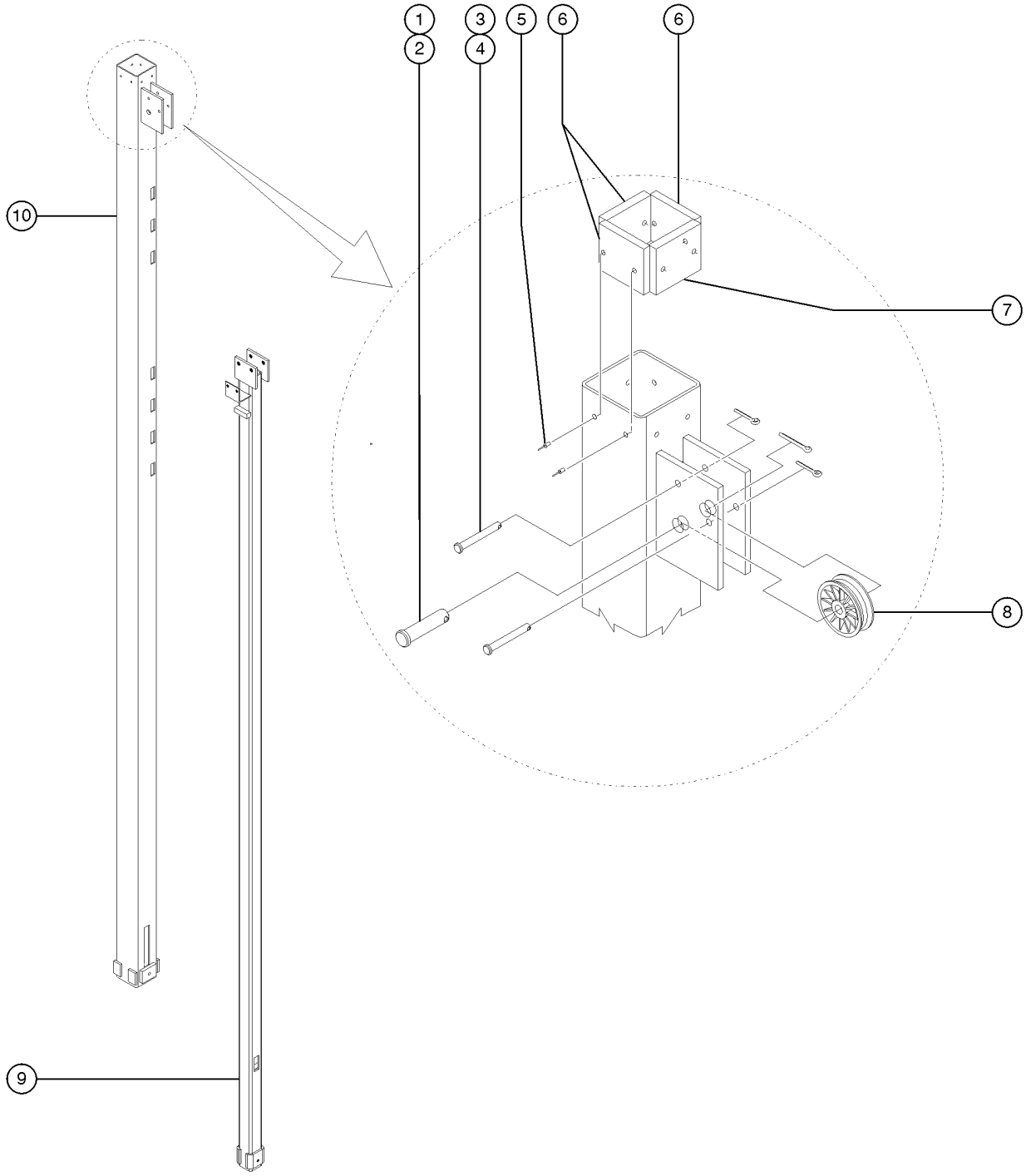
504.1 Mast Assembly, 4-inch



504.1 Mast Assembly, 4-inch

Item	Part No.	Description	Qty.
1	990160GT	SCREW,HHC,3/8-16 X 3.75	2
2	824025GT	NUT,TL,3/8-16,C,ZAG	2
3	113080GT	SLEEVE,COIL CORD,AL4,AL5	1
4A	230614GT	4" MAST ASSY W/DECAL,ALXL,WORD	1
4B	230615GT	4" MAST ASSY W/DECALS,ALXL,SYM	
5	995780GT	CLEVIS PIN STAINLESSS	1
6	990650GT	COTTER PIN 1/8X1 SSBIN STOCK	3
7	995790GT	CLEVIS PIN STAINLESSS	2
8	994920GT	COTTER PIN 3/32X3/4 S	2
9	990670GT	RIVET,POP,SS,3/16"X1/2" BLIND	10
10	183288GT	FP-SHIM 3/16X2X3-3/16 PLASTIC	1
11	177830GT	FP-SHIM 1/4X2X3-3/16 PLASTIC	2
12	183286GT	FP-SHIM 5/16X2X3-3/16 PLASTIC	1
13	178335GT	FP-LOCK LEVER, AL SERIES	1
14	990190GT	SCREW,HHC,1/2-13 X 3	2
15	990210GT	WASHER FLAT 1/2ZP	3
16	683460GT	BUSHING, 3/4OD X 1/2ID *******	2
17	990200GT	NUT,NYLOCK,1/2-13 GR2	2
18	188760GT	SHEAVE 3-1/8 X15/16	3
19	683450GT	BUSHING 11/16ODX1/2IDX1.032L	1
20		Ref. Lock Pin (refer to 502.1)	
21	992765GT	CLEVIS PIN 1/2 X 2 STAINLESS S	2
22	177810GT	FP-SHIM 3/16X2X19-3/4 PLASTIC	1

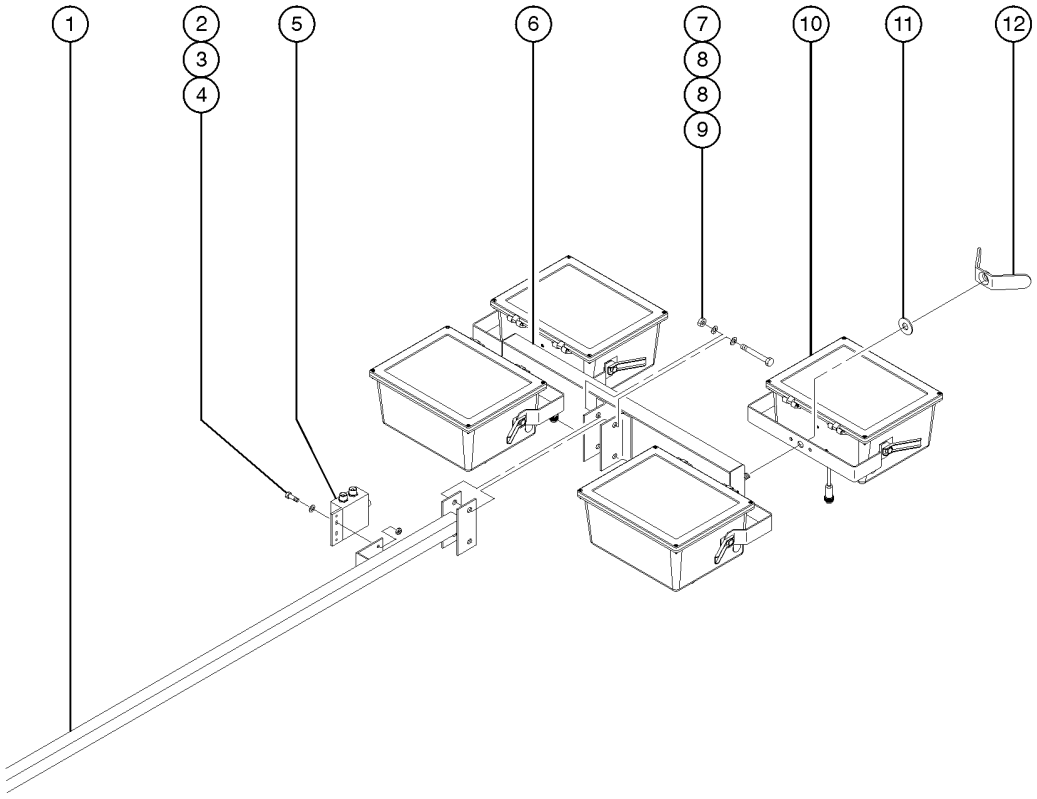
505.1 Mast Assembly, 2-inch and 3-inch



505.1 Mast Assembly, 2-inch and 3-inch

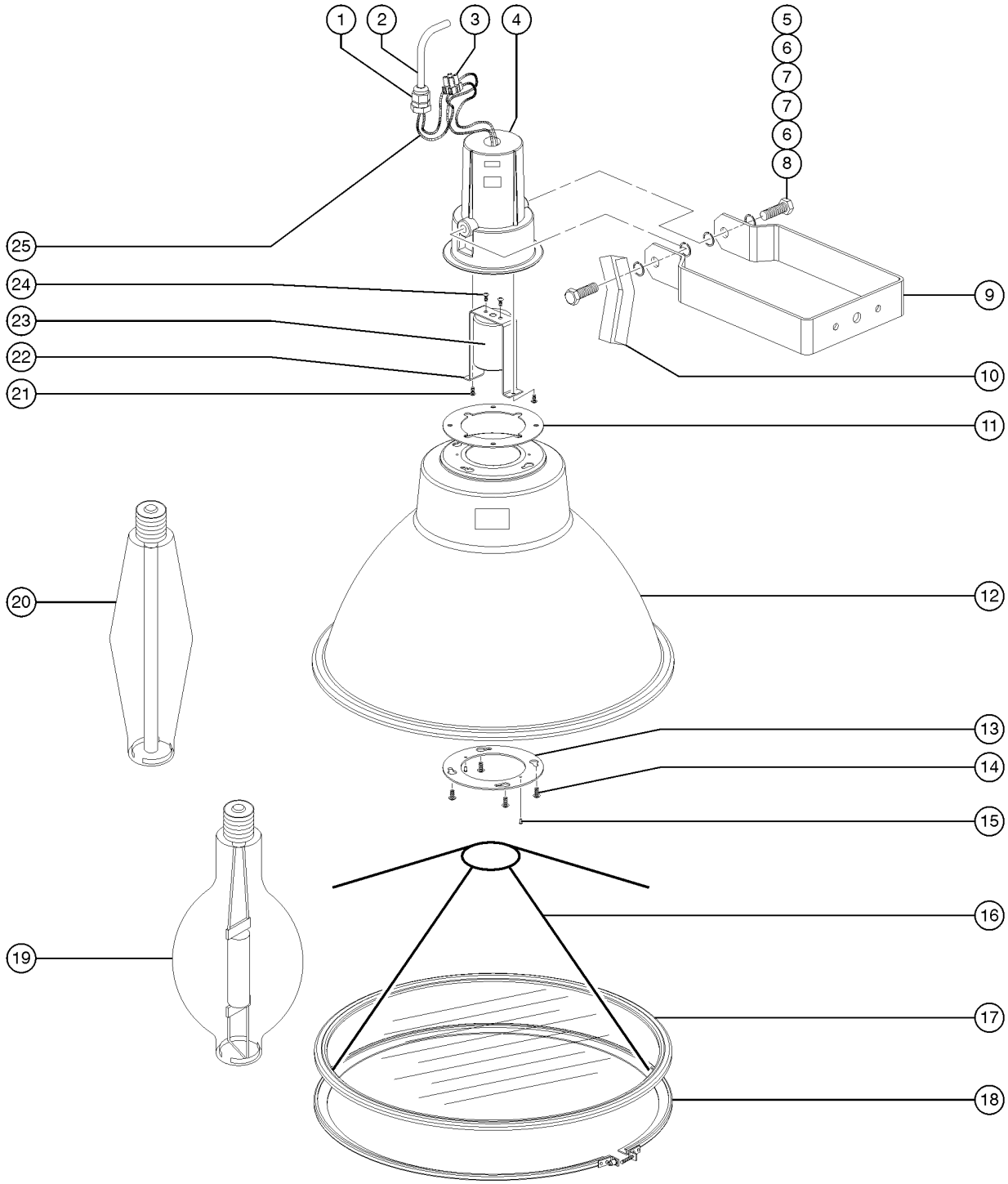
Item	*Part No.*	*Description*	*Qty.*
1	992765GT	CLEVIS PIN 1/2 X 2 STAINLESS S	1
2	990650GT	COTTER PIN 1/8X1 SSBIN STOCK	1
3	995790GT	CLEVIS PIN STAINLESSS	2
4	994920GT	COTTER PIN 3/32X3/4 S	2
5	990670GT	RIVET,POP,SS,3/16"X1/2" BLIND	8
6	177820GT	FP-SHIM 5/16X2X2-1/4 PLASTIC	3
7	185290GT	FP-SHIM 3/8 X 2 X 2.25 PLASTIC	1
8	188760GT	SHEAVE 3-1/8 X15/16	1
9	124560GT	2" TOWER SECT,30'LG GALVANIZED	1
10	124550GT	3 SECTION 30'TOWER AL4/AL5	1

506.1 Mast Crossarm



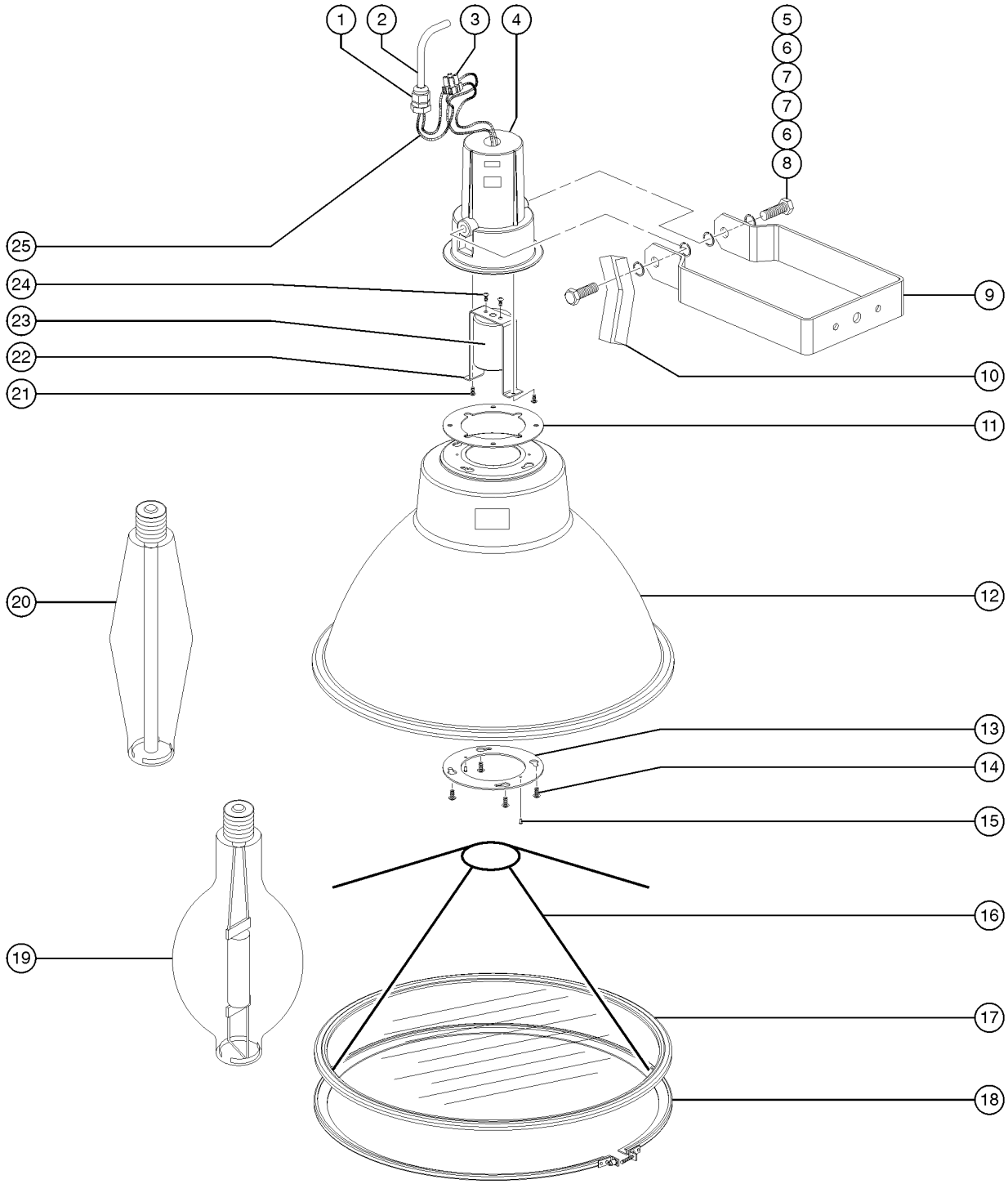
Item	Part No.	Description	Qty.
1		Ref., 2-INCH MAST ASSY ..... refer to 505.1	1
2	824060GT	SCREW, HHC, 1/4-20 X 1, 8, ZAG	2
3	6638GT	WASHER, FLAT, USS, 1/4"Y	2
4	824024GT	NUT, TL, 1/4-20, C, ZAG	2
5		Ref., JUNCTION BOX ..... refer to 409.1	
6	113040GT	CROSSARM,4 LIGHT,AL SERIES,GLV	1
7	994460GT	SCREW,HHC,3/8-16 X 4.5 ZP	2
8	990080GT	WASHER FLAT 3/8USS ZPBIN	4
9	824025GT	NUT,TL,3/8-16,C,ZAG	2
10A		Ref., ROUND LIGHT ..... refer to 507.1	
10B		Ref., SQUARE LIGHT ..... (shown) refer to 508.1	
11	990880GT	WASHER,LOCK,STAR 3/4 E	4
12	22123080GT	WING NUT, FIXTURE,RL4,AL4,AL5	4

507.1 Light Assembly, Round



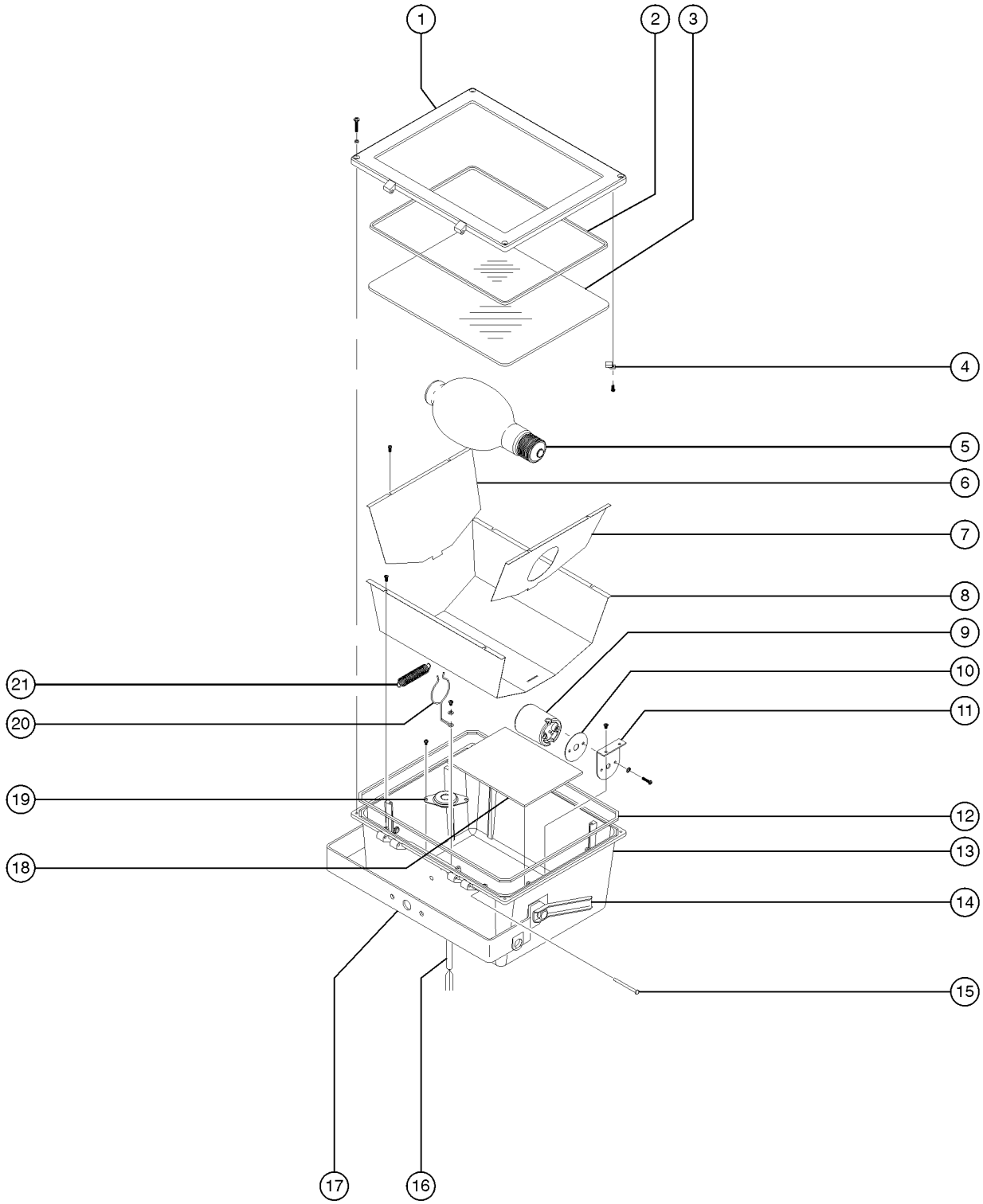
Item	Part No.	Description	Qty.
	C41100720GT	LIGHT FIXTURE,MH,AL4,RL4,AL5 Light Fixture, Complete	
1	683950GT	GASKET,STRAIN RELIEF,1/2	
1-	680020GT	LOCKNUT,CONDUIT,1/2 CSA APPVD	
1-	682470GT	CONN,STRAIN RELIEF,1/2 NPT	
2	663850GT	CORD SET MALE 5FT. 3P	
3	709034GT	TERMINAL STRIP,CE	
4	833567GT	CASTING,FIXTURE QUICK CONNECT	
5	990810GT	SCREW,HHC,1/2-13 X 1.5	
6	991650GT	WASHER LOCK 1/2ZP	
7	995970GT	WASHER LOCK STAR 1/2E	
8	981640GT	SCREW,HHC,1/2-13 X 1.25	
9	833566GT	BRKT,TRUNION	
10	833573GT	T-HANDLE	
11	833569GT	GASKET, HOUSING REFLECTOR BASE	
12	833547GT	REFLECTOR & LENS ASSY STD FIX includes items 17-18	
12-	833568GT	REFLECTOR (C41100720)	
13	833570GT	RING,REINFORCING (C41100720)	
14	833571GT	SCREW,PHM,10-24 X 5/8	
15	990675GT	RIVET POP 1/8X.390 GR	
16	22120102GT	SPIDER, MH/HPS	
17	833524GT	LENS W/GASKET (C41100720)	
17-	C2450108GT	LENS GASKET FOR LIGHT FIXTURE	
18	833543GT	CLAMP,LENS (C41100720)	
18-	833574GT	SCREW,HH SLOT,8-32X1	
18-	833581GT	WASHER,CLAMP,RUBBER(833543)	
18-	833578GT	NUTSERT,8-32 (833543)	
19	160071GT	LAMP MH 1000W M1000/U SYL	
20	160140GT	LAMP HPS 1000W LU1000CSA APPVD	

507.1 Light Assembly, Round



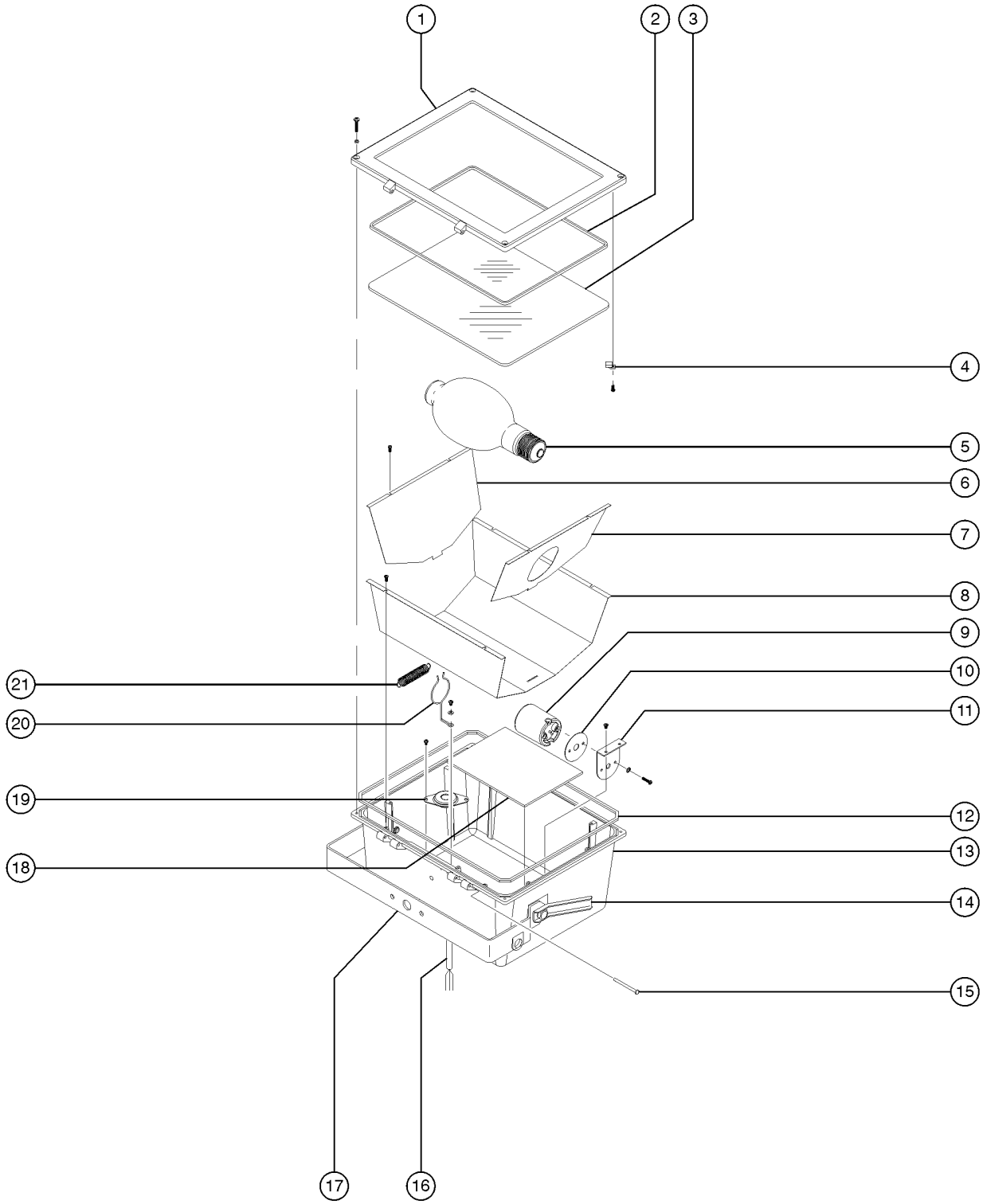
Item	Part No.	Description	Qty.
21	833565GT	SCREW,PHM,8-32X3/8	
22	833563GT	BRKT,SOCKET MOGUL FO	
23	833564GT	SOCKET BASE-MOGUL	
24	833577GT	SCREW,RHM,6-32X5/8	
25	833582GT	SLEEVE,WIRE,FIBERGLASS	

508.1 Light Assembly, Square



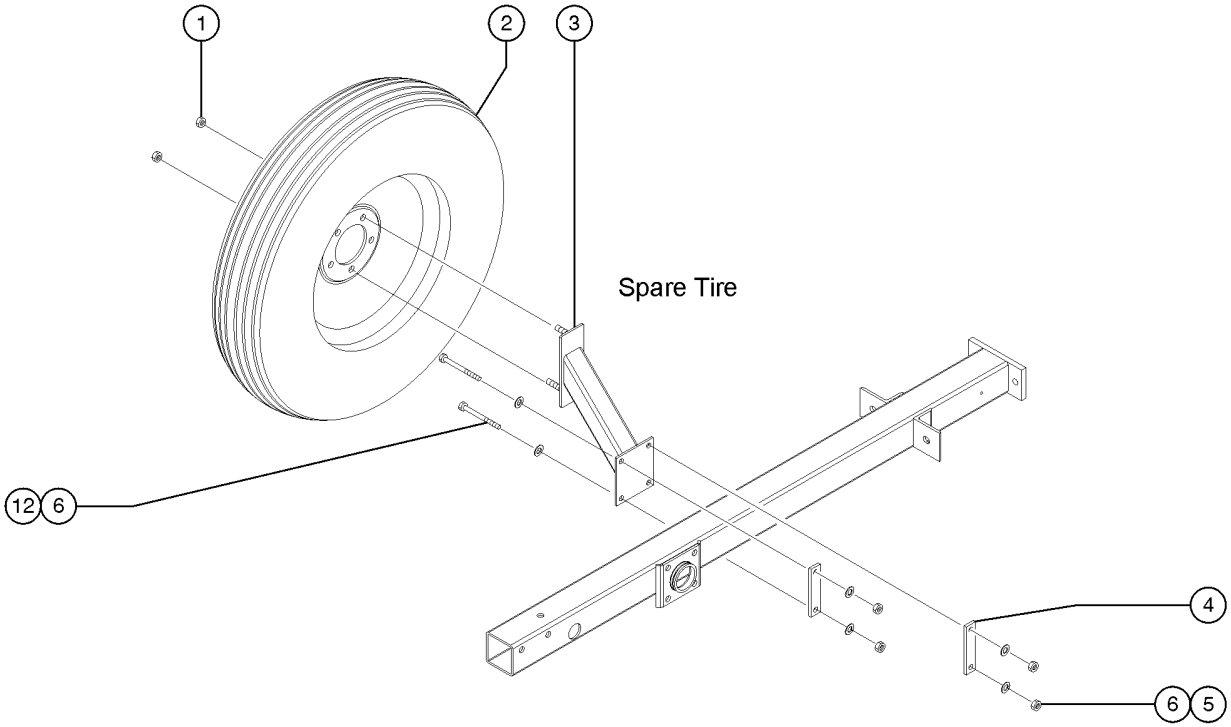
Item	Part No.	Description	Qty.
	1266141GT	FIXTURE ASSEMBLY 1000W RECT includes items 14 and 17	
1	116054GT	TOP FRAME,HOUSING BASE	
1B	71979GT	SCREW,INDENTED HEX,10-24 X .75 for 116054	
2	116049GT	GASKET,RECTANGULAR GLASS/LENS	
3A	116048GT	GLASS/LENS,RECTANGULAR PSI (14.14 x 10.83 inches)	
3B	80103GT	LENS,LIGHT (57449) (15.38 x 12.13 inches)	
3C	116010GT	GLASS LENS (17.5 x 9.75 inches)	
4	116051GT	RETAINER CLIP,GLASS/LENS	
4-	116052GT	COVER,GLASS/LENS RETAINER CLIP	
5	160077GT	LAMP MH 1000W BT37HOR	
6	116046GT	REFLECTOR SIDE	
7	116047GT	REFLECTOR LAMP SIDE	
8	116045GT	REFLECTOR BASE	
9	116057GT	LIGHT SOCKET,PSI RECT 5 KV includes pigtail	
10	116056GT	GASKET,LIGHT SOCKET	
11	116044GT	BRACKET, SOCKET MOUNT	
12	116053GT	GASKET,HOUSING BASE, TOPFRAME	
13	116042GT	FIXTURE HOUSING BASE,1KW RECT (replaced 116108GT)	
14	116064GT	HANDLE, ADJUSTMENT	2
14-	823380GT	BOLT, HANDLE	2
14-	995970GT	WASHER LOCK STAR 1/2E	2
14-	991650GT	WASHER LOCK 1/2ZP	2
15	116043GT	CLEVIS PIN,4.6X60MM	
16	663850GT	CORD SET MALE 5FT. 3P	
17	116055GT	YOKE,PSI RECT.LIGHT FIXTURE	1
18	116059GT	FIBERGLASS PAD,RECT LAMP FIXT	
19	116109GT	GROMMET ASSEMBLY	
20	116058GT	LAMP BRACE, RECT HOUSING	

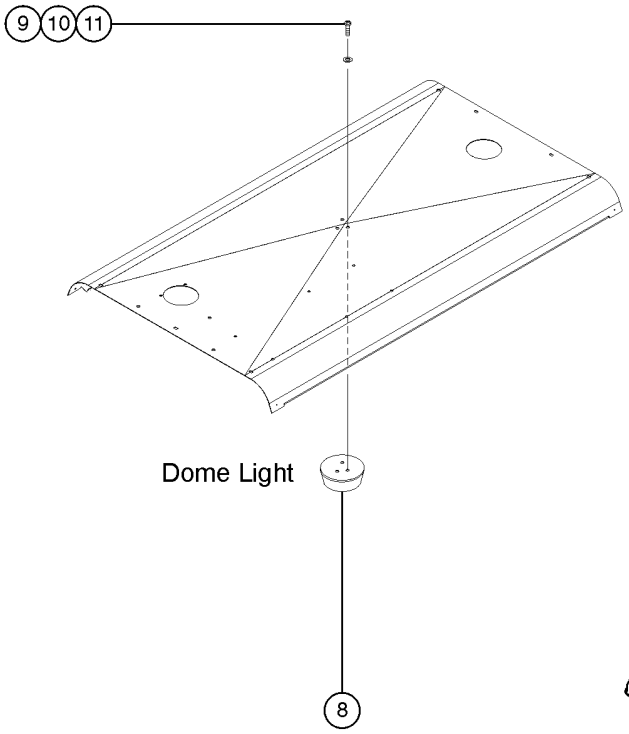
508.1 Light Assembly, Square

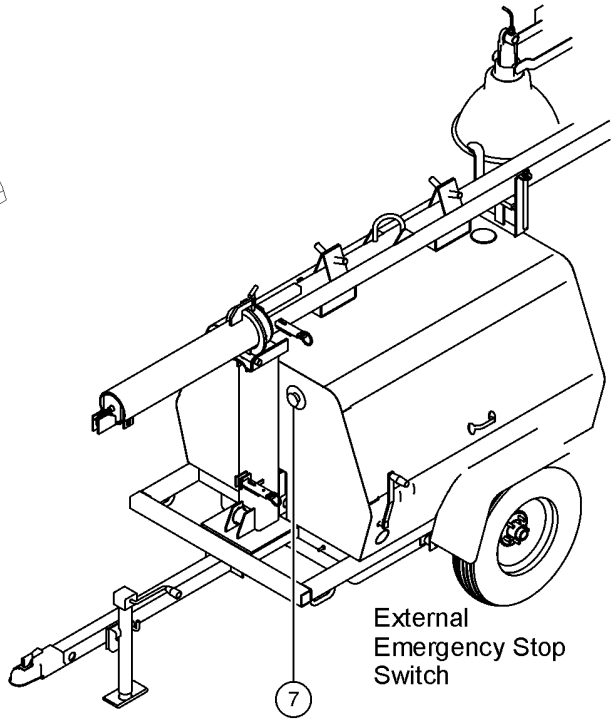


Item	Part No.	Description	Qty.
21	116061GT	SPRING, LAMP RETAINER	

601.1 Spare Tire and Dome Lignt

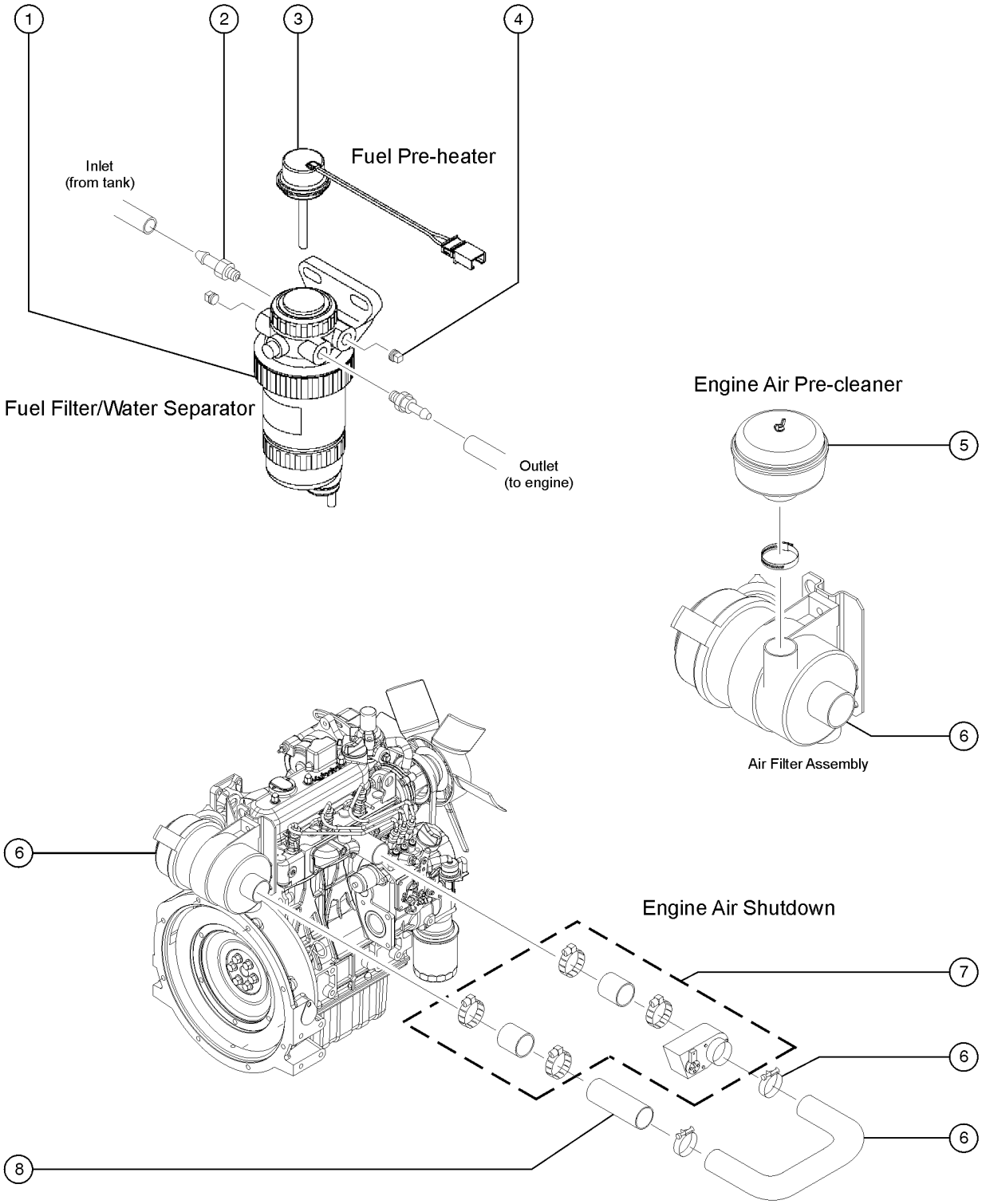






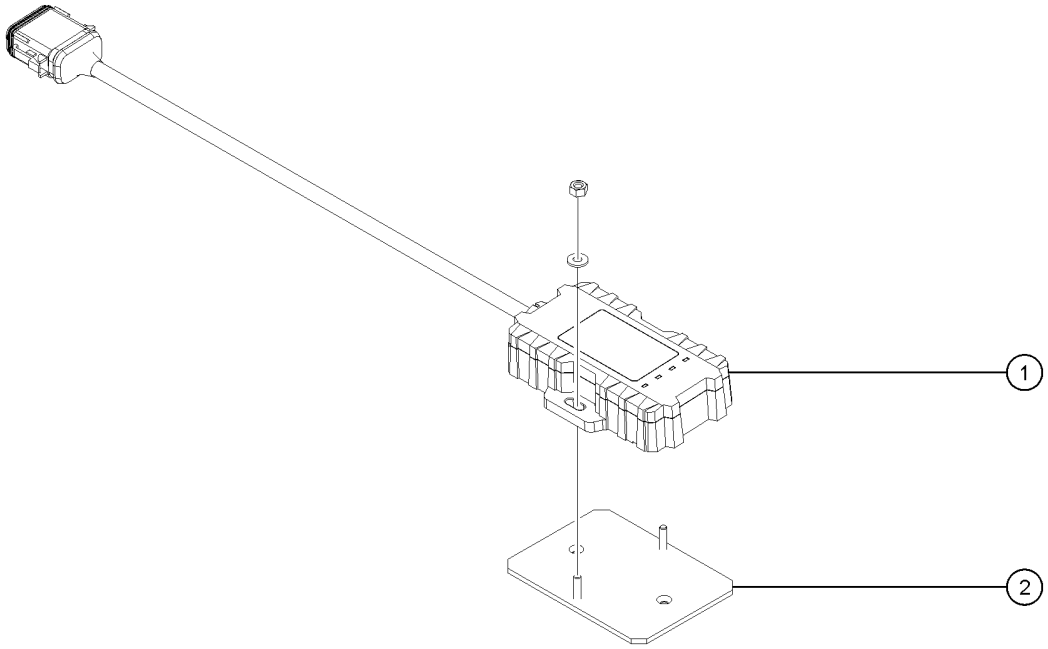
Item	Part No.	Description	Qty.
1	840376GT	NUT,WHEEL, 1/2 X 20	2
2		Ref. Tire (refer to 205.1)	
3	124310GT	SPARE TIRE MT,5 LUG WHEEL	1
4	188070GT	FP-CLAMP,SPARE TIRE BRACKET	2
5	824025GT	NUT,TL,3/8-16,C,ZAG	4
6	990080GT	WASHER FLAT 3/8USS ZPBIN	8
7	686660GT	ACUTATOR EMERGENCYSTO	1
7-	686671GT	BLOCK CONTACT 2P/STNO	1
7-	686661GT	PLATE FACE EMERGENCY	1
8	684030GT	LIGHT,DOME, 12V DC	1
9	1258649GT	SCREW, PANHEAD, 10-32 X 5/8	3
10	995755GT	WASHER FLAT BONDED3/1	3
11	6-6286-04GT	NUT	3
12	994460GT	SCREW,HHC,3/8-16 X 4.5 ZP	4

602.1 Engine Options



Item	Part No.	Description	Qty.
1	116154GT	AY,DSL FUEL/WATER SEPARATOR	1
1-	116151GT	FILTER,30 MICRON FUEL-WATER	
1-	116148GT	GASKET,FUEL FILTER for 116151GT	
1-	116153GT	WATER COLLECTOR AY	
1-	116152GT	GASKET,WATER COLLECTOR for 116153GT	
1-	116212GT	VALVE,PLASTIC DRAIN	
1-	116211GT	WASHER,RUBBER SEAL for 116212GT	
1A	991761GT	SCREW,HHC,3/8-16 X 1.25	2
1A	990470GT	WASHER,LOCK,3/8,ZAG	2
1A	981120GT	WASHER FLAT 3/8 ZP SAE BIN	4
1A	824025GT	NUT,TL,3/8-16,C,ZAG	2
2	898590GT	HOSE FITTING PIPE/BAR	2
3	116144GT	HEATER, TOPLOAD FUEL, 100W/12V	1
3-	116145GT	GASKET, FUEL HEATER	
3-	116588GT	FUSE HOLDER,ATC BLADE,#16	
3-	116587GT	FUSE,ATC BLADE,10A	
4	894230GT	PIPE PLUG 1/4 GALV	2
5	740455GT	AIR BREATHER PRE-CLEA	
6		Ref., ENGINE AIR COMPONENTS refer to 304.1 or 306.1	
7	228651GT	RODA DACO MANUAL SHUTDOWN	1
7A	227396GT	BRACKET,AIR SHUTDOWN to SN AL411-519	
7A	228652GT	SCREW,M10X1.25X20 for 227396GT	
7A	994830GT	WASHER,LOCK,M10 ZP for 227396GT	
8	228653GT	INTAKE FILTER SIDE MANUAL AIR	1

603.1 Telematics Option (from SN AL415-2878)



603.1 Telematics Option (from SN AL415-2878)

Item	*Part No.*	*Description*	*Qty.*
-	1292198GT	HARNESS, RETROFIT, M7 for units after SN AL415-2878 for first time insulation, must order this Harness with one of the models 1289520GT, 1289521GT, 1289522GT, or 1289523GT	1
1	1289520GT	MODULE, TELEMATICS, ZTR, M7, NORTH AMERICA North America	1
1B	1289521GT	MODULE, TELEMATICS, ZTR, M7, EMEA/APAC EMEA/APAC	
1C	1289522GT	MODULE, TELEMATICS, ZTR, M7, APAC/ANZ APAC/ANZ	
1D	1289523GT	MODULE,TELEMATICS,ZTR,M7,JAPAN Japan	
2	1289561GT	BRACKET, TELEMATICS	1

Part no.	Page Number
6-5204-16GT	137
6-5208-32GT	103
6-5208-44GT	49
6-6286-04GT	155
1268GT	11
1484GT	11
5397GT	59, 63
6024GT	49
6034GT	71
6035GT	49
6095GT	29, 31, 49, 53, 57, 61
6096GT	29
6097GT	29
6184GT	69
6190GT	69
6198GT	29, 31, 49, 53, 57, 61...
6638GT	145
6782GT	83
12012GT	69
13854GT	49
15086GT	135
19428-72160GT	81
22832GT	69
27581GT	11
28092GT	85
28159GT	15, 21
28161GT	19
28162GT	15
28646GT	139
28750GT	11
30348GT	13, 97, 99
30973GT	83
31788GT	15
32069GT	85
32103GT	87
32150GT	11
32151GT	11
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33265GT	49
33994GT	11
40766GT	109, 113, 117
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44196GT	87
44197GT	89
44198GT	89
49612GT	11
49613GT	11
52265GT	45
52475GT	15, 19, 21, 25
52531GT	85
52532GT	83
52533GT	83
52847GT	79
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55906GT	113
57332GT	49
57587GT	65
58291GT	97, 99
58292GT	13, 97, 99
58356GT	11, 101
58427GT	97, 99
61975GT	29
62118GT	87
62296GT	85
62421GT	13, 95
65636GT	93
65638GT	93
66399GT	11
67230GT	49
67231GT	49
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72086GT	15, 19, 21, 25
72343GT	97, 99
72348GT	95
74225GT	41, 43
75144GT	27, 53, 57, 61, 65
77046GT	15, 21
80103GT	151
80379GT	75, 79, 103
82472GT	25
82481GT	21
82487GT	21
84042GT	83
84808GT	91
84812GT	93
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84860GT	93
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85124GT	93
85127GT	97, 99
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85140GT	93
85143GT	97, 99
85155GT	33, 37
85206GT	101
85207GT	11, 103
89163GT	49
89761GT	95
89764GT	93
93500GT	11
94762GT	13
97426GT	97, 99
97427GT	93
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California Proposition 65

WARNING

Operating, servicing and maintaining this equipment, passenger vehicle or off-highway motor vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. These chemicals can be emitted from or contained in other various parts and systems, fluids and some component wear by-products. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your equipment and vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your equipment or vehicle and after operation. For more information go to www.P65Warnings.ca.gov/passenger-vehicle.

Breathing diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- Always start and operate the engine in a well-ventilated area.
- If in an enclosed area, vent the exhaust to the outside.
- Do not modify or tamper with the exhaust system.
- Do not idle the engine except as necessary.

For more information go to www.P65warnings.ca.gov/diesel.

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