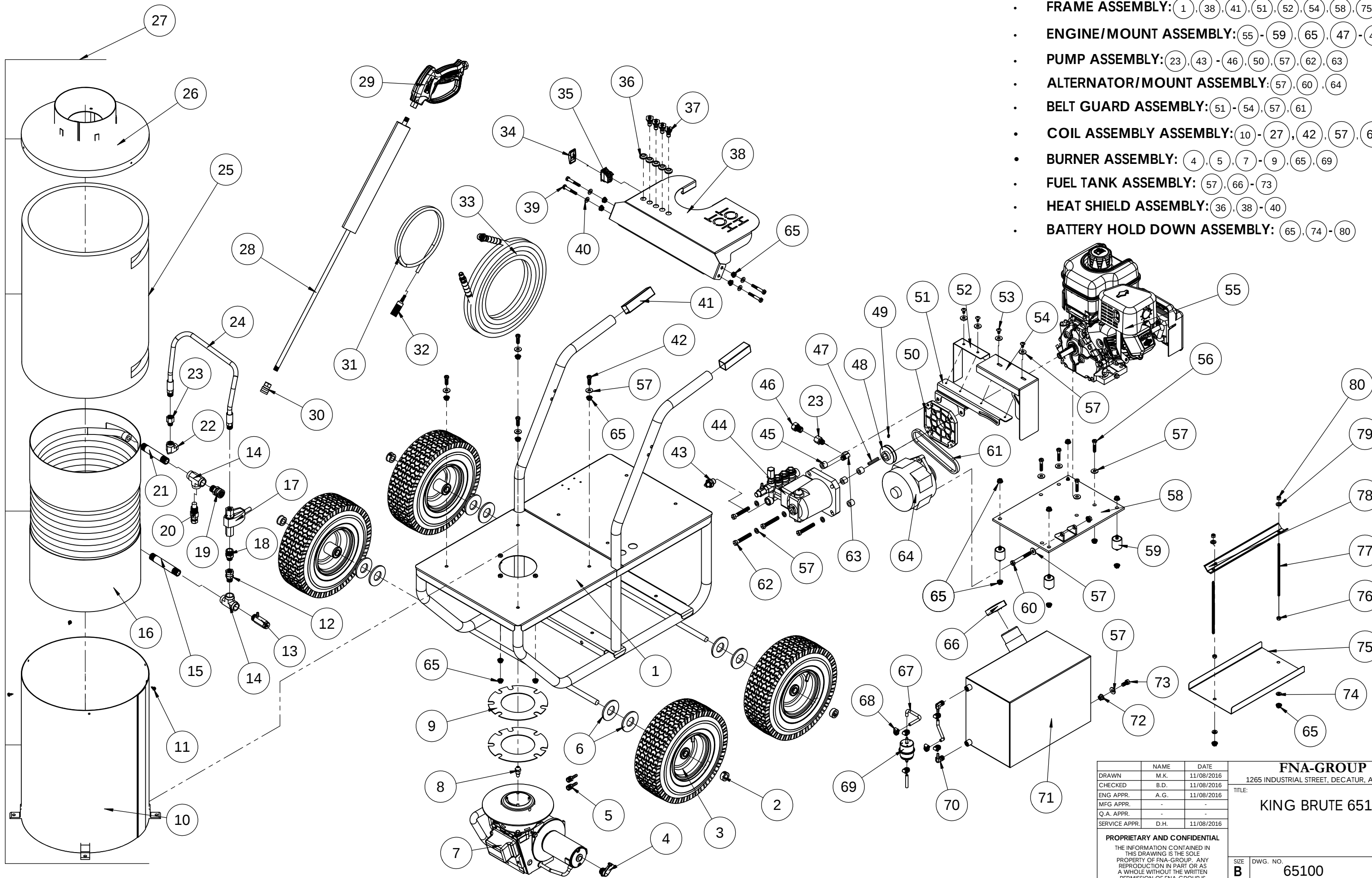




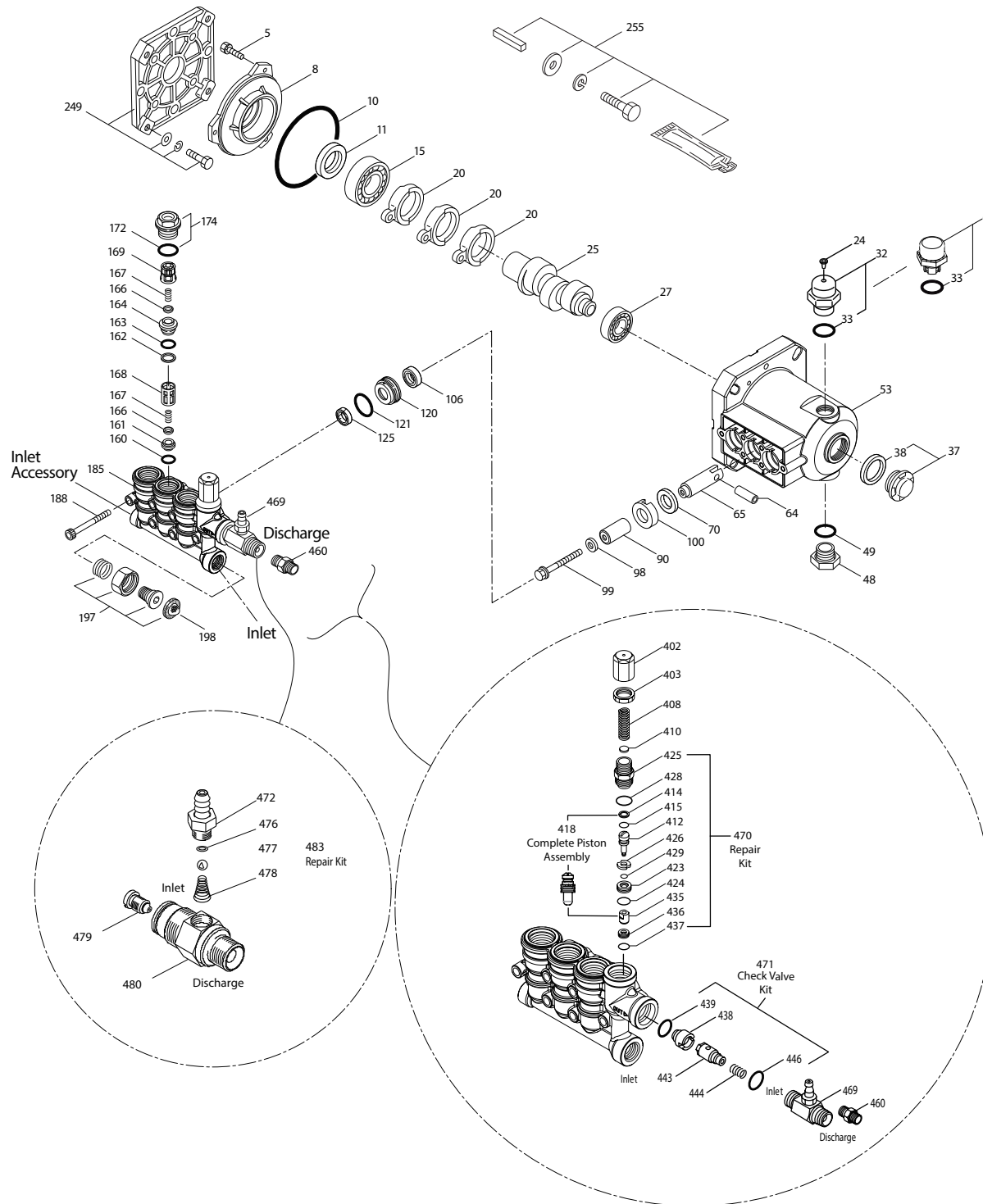
- NOTE
- **FRAME ASSEMBLY:** (1, 38, 41, 51, 52, 54, 58, 75)
 - **ENGINE/MOUNT ASSEMBLY:** (55, 59, 65, 47, 49)
 - **PUMP ASSEMBLY:** (23, 43, 46, 50, 57, 62, 63)
 - **ALTERNATOR/MOUNT ASSEMBLY:** (57, 60, 64)
 - **BELT GUARD ASSEMBLY:** (51, 54, 57, 61)
 - **COIL ASSEMBLY ASSEMBLY:** (10, 27, 42, 57, 65)
 - **BURNER ASSEMBLY:** (4, 5, 7, 9, 65, 69)
 - **FUEL TANK ASSEMBLY:** (57, 66, 73)
 - **HEAT SHIELD ASSEMBLY:** (36, 38, 40)
 - **BATTERY HOLD DOWN ASSEMBLY:** (65, 74, 80)

DRAWN			NAME	DATE
CHECKED			M.K.	11/08/2016
ENG APPR.			B.D.	11/08/2016
MFG APPR.			A.G.	11/08/2016
Q.A. APPR.			-	-
SERVICE APPR.			D.H.	11/08/2016
FNA-GROUP				
1265 INDUSTRIAL STREET, DECATUR, AR 72722				
TITLE:				
KING BRUTE 65100				
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FNA-GROUP. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FNA-GROUP IS PROHIBITED.		SIZE		REV.
DWG. NO.		B		A
65100		SCALE: N/A		SHEET 1 OF 1
ECN# DC16-0311		Version:		

65100 -KING BRUTE
2.8@3000 (INTEK/CAT)

ITEM	PART	DESCRIPTION	QTY	ITEM	PART	DESCRIPTION	QTY	ITEM	PART	DESCRIPTION	QTY
1	7108912	FRAME PAINTED, KING BRUTE 2016	1	47	7100523	KEY, 5HP ELECTRIC & LG GAS 1/4" x 1 3/4"	1				
2	7101803	COLLAR, LOCKING 5/8 I.D.	4	48	7104706	PULLEY, ALTERNATOR KING BRUTE	1				
3	7101416	WHEEL, 13" BLACK	4	49	7104692	SCREW, M6 x 1 x 8MM SET	1				
4	7100222	CONNECTOR, CONDUIT 3/8" 2- SCREW	1	50	7103840	PLATE, KING BRUTE PUMP MOUNTING	1				
5	7100423	1/4" HOSE BARB x 1/4" NPTM	2	51	7108870	BRACKET, ALTERNATOR ADJUSTMENT	1				
6	7101399	WASHER, 1 3/4"	8	52	7108872	GUARD, PUMP BELT - KING BRUTE	1				
7	7101975	WAYNE BURNER, 12V DC	1	53	7101132	SCREW 1/4-20 X 1/2 TRUSS	4				
8	7102263	NOZZLE, FUEL 1.5 x 80º	1	54	7108871	BELT GUARD, ALTERNATOR KING BRUTE	1				
9	7105074	BURNER GASKET, MSR	2	55	7100320	ENGINE, 8 HP GAS (1100 SERIES) BRIGGS	1				
10	7103957	TANK SKIN, KING BRUTE SILVER	1	56	7100110	BOLT, 5/16" - 18 x 1 1/2"	4				
11	7101134	SCREW, #10 x 1/2" SELF-DRILLING	3	57	7101374	WASHER, 5/16"	14				
12	7100048	ADAPTOR, 3/8" FPT x 3/8" MI SWIVEL	1	58	7103956	WELDMENT, BASE PLATE, KING BRUTE	1				
13	7103522	VALVE PRESSURE RELIEF, 1/2" NPTM x 1/4"	1	59	7100250	VIBRATION DAMPER	4				
14	7101261	TEE, HYDRAULIC 1/2" NPTF	2	60	7100112	BOLT, 3/8"-16 x 3"	1				
15	7100606	NIPPLE, 1/2" x 5" SCH. 80	1	61	7104705	BELT, KING BRUTE ALTERNATOR	1				
16	7200189	COIL, Ø16" VERTICAL KING BRUTE	1	62	7100116	BOLT, 3/8"-16 x 2 1/2"	4				
17	7101238	SWITCH, WATER HEATER FLOW	1	63	7100286	ELBOW 1/4 90^ ST. BR Short Pat	1				
18	7100604	NIPPLE, 1/2" x 3/8" M REDUCED HEX	1	64	7100058	ALTERNATOR, 12V 65A 7102-3N	1				
19	7102246	COUPLER, Q.C 3/8" X 1/2" NPT-M	1	65	7100710	NUT, WHIZ 5/16"-18	25				
20	7101230	SWITCH, HIGH LIMIT 230º	1	66	7100189	FUEL CAP	1				
21	7100620	NIPPLE, 1/2" x 4 1/2" SCH. 80	1	67	7100432	HOSE FUEL LINE 1/4" BULK GATES BARRICADE	1				
22	7200062	ELBOW, 3/8" NPTF x 3/8" NPTF 90º	1	68	7100201	HOSE AND TUBE CLAMP - #4 - 3/8	6				
23	7100041	ADP 3/8" FPT x 1/4" MPT	2	69	7100337	FUEL FILTER, MODEL 160	1				
24	7100433	HOSE, 3/8" x 2' x 4000PSI CRIMP	1	70	7100284	ELBOW, 1/4" HB x 1/4"NPTM	2				
25	7101543	INSULATION #6	1	71	7200277	ASSY, DIESEL TANK KB	1				
26	7104093	TANK HEAD, KING BRUTE BLACK	1	72	7102069	NUT, 3/8"-16 WHIZ	2				
27	7200278	ASSY, COIL TANK 16"	1	73	7102462	BOLT, 3/8"-16 x 3/4"	1				
28	7100550	LANCE, 36" INSULATED	1	74	7101383	WASHER, 1/4" FLAT	2				
29	7108134	GUN,5075PSI 12GPM 3/8NPTF IN 1/4 NPTF	1	75	7108873	BATTERY TRAY, KING BRUTE	1				
30	7100021	COUPLER, 1/4" NPTF x 1/4" QC-F	1	76	7100724	NUT, 1/4" JAM	2				
31	7107745	HOSE, SOAP 1/4IN	1	77	7101124	1/4" ZINC ALL-THREAD ROD	2				
32	7100338	FILTER CHEMICAL 1/4" W/CHECK	1	78	7104694	HOLD DOWN, BATTERY	1				
33	7107495	HOSE, 3/8" x 50' x 45000PSI RUBBER	1	79	7101381	WASHER, 3/8" SPLIT-LOCK	6				
34	7108736	ACTUATOR ROCKER SWITCH, RED LENSE	1	80	7100703	NUT, 1/4"-20 NYLOCK	2				
35	7108735	ROCKER SWITCH, ON-OFF 12VDC, BODY	1						LABELS		
36	7100389	GROMMET, 7/16" ID	5						7107768	LABEL, SERIAL PLATE 3000T, SILVER	1
37	7103743	5PC Set #3.0 1/4 QC-M 0,15,25,40 & SOAP	1						7100533	LABEL, WARNING PICTURES	1
38	7108874	HEAT SHIELD, NOZZLE TRAY - KING BRUTE	1						7109215	LABEL FUEL OIL OR DIESEL 3 LANGUAGE	1
39	7100117	BOLT, 5/16"-18 x 2"	4						7109214	LABEL OPERATING INSTRUCTIONS	1
40	7101369	WASHER, FLAT 5/16"	4						7100255	LABEL, PROTECT PUMP FROM FREEZING	1
41	7101301	GRIP TUBE, 1" x 1" x 4 1/2"	2						7109211	MACHINE UNSAFE IF BELTGUARD REMOVED	1
42	7100109	BOLT, 5/16"-18 x 1"	4						7103979	MANUAL, KING BRUTE OPERATOR'S	1
43	7101356	VALVE THERMAL RELIEF 3/8 145	1						7102046	BAG,12"MINx15"MIN 2 MIL	1
44	7106274	PUMP, CAT 4DNX25GSI	1						7200019	WARNING - DO NOT FILL PAST FUEL NECK	1
45	7102319	SPACER, 5/8" X 3/4"	4						7200066	DECAL- SIMPSON OVAL- MED.	1
46	7103839	GH, 3/8"NPTM INLET ADAPTER	1						7100271	DECAL - NOZZLE STRIP 0º, 15º, 30º, & 40º	1

4DNX25GSI_E EXPLODED VIEW



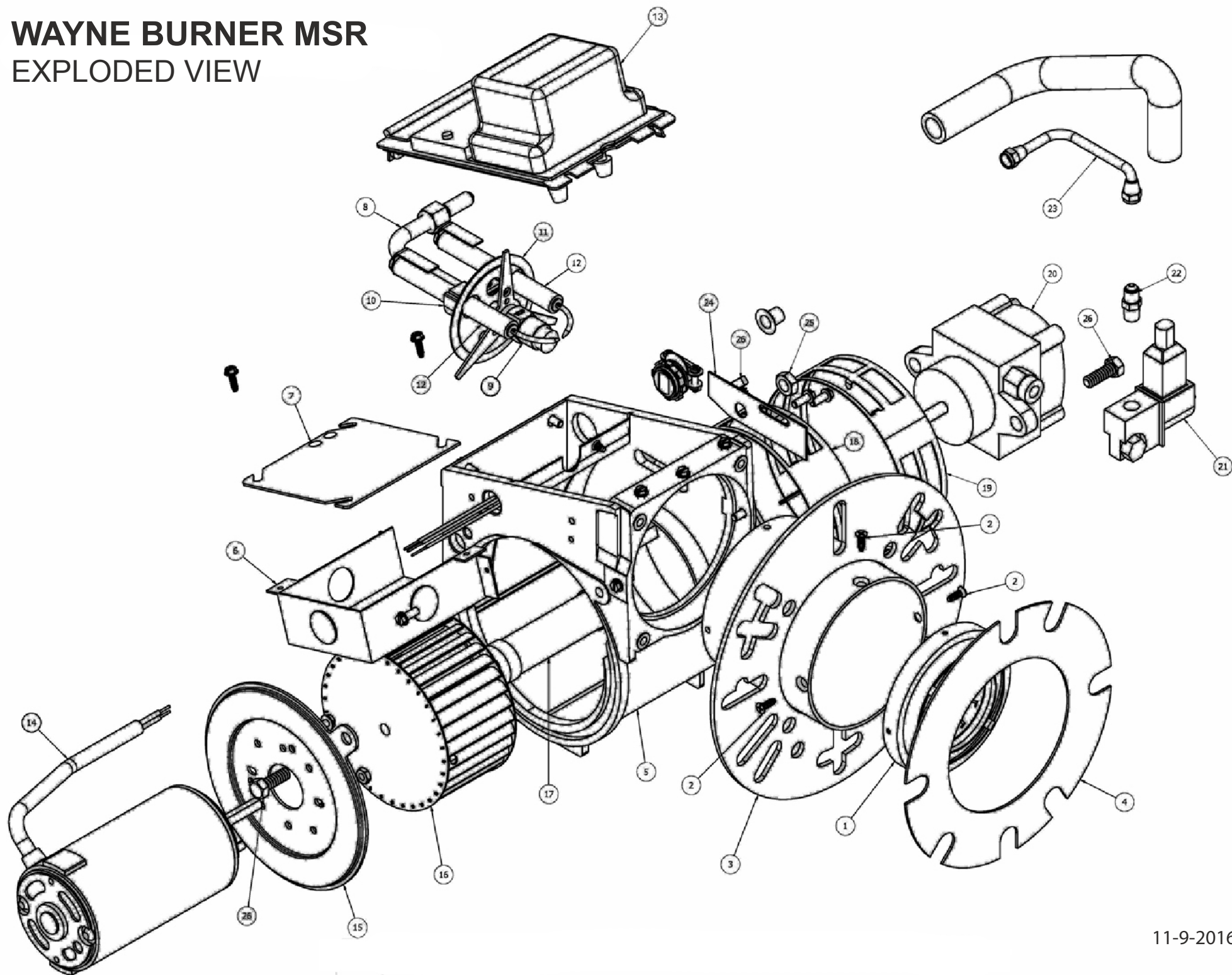
Parts List

ITEM	PART	DESCRIPTION	QTY.	ITEM	PART	DESCRIPTION	QTY.
5	7103819	SCREW HH SEMS (M6 X14)	3	412	N/A	STEM, PISTON	1
8	7103820	COVER, BEARING	1	414	N/A	BACK-UP RING, PISTON STEM	1
10	7102614	O-RING, BEARING COVER 70D	1	415	N/A	O-RING, PISTON STEM - 70D	1
11	7102813	SEAL, OIL 70D	1	423	N/A	RETAINER, VALVE	1
15	7102624	BEARING, BALL INNER	1	424	N/A	O-RING, VALVE RETAINER (OUTER) - 70D	1
20	7103824	ROD, CONNECTING	3	425	N/A	RETAINER, PISTON	1
24	7106430	PLUG, OIL CAP	1	426	N/A	WASHER	1
25	7103826	CRANKSHAFT, 3450 RPM, 3/4" 6.8MM STROKE	1	428	N/A	O-RING, PISTON RETAINER - 80D	1
25	7105354	CRANKSHAFT, 3450 RPM, 3/4" 6.3MM STROKE	1	429	N/A	O-RING, VALVE RETAINER (INNER) - 80D	1
27	7103828	BEARING, BALL INNER	1	435	N/A	VALVE	1
32	7102604	CAP, OIL FILLER WITH O-RING	1	436	7103846	SEAT	1
33	7102617	O-RING, OIL FILL CAP	1	437	N/A	O-RING SEAT - 70D	1
37	7103056	GAUGE, OIL BUBBLE WITH GASKET	1	438	7101617	SEAT	1
38	7102970	GASKET, FLATOIL GAUGE	1	439	N/A	O-RING, CHECK VALVE SEAT 70D	1
48	7102787	PLUG, DRAIN	1	443	N/A	VALVE, CHECK	1
49	7102617	O-RING, DRAIN PLUG	1	444	7103048	SPRING, CHECK VALVE	1
53	7106425	CRANKCASE	1	446	7103851	O-RING BODY - 80D	1
64	7103830	PIN, CROSSHEAD	3	468	7103541	KIT, O-RING	1
65	7103831	ROD, PLUNGER	3	469	7101616	INJECTOR, FIXED CHEMICAL	1
70	7102804	SEAL, OIL CRANKCASE. 70D	3	470	7106435	KIT, REPAIR (412, 414, 415, 423-426, 428, 429, 435-437)	1
90	7103524	PLUNGER CERAMIC	3	471	7106436	KIT, REPAIR (438, 439, 443, 444, 446)	1
98	7101703	WASHER, SEAL	3				
99	7103833	RETAINER, PLUNGER (M6 X 35)	3				
100	7102925	RETAINER SEAL	3				
106	N/A	SEAL, LPS WITH S-Spq	3				
120	7106427	CASE, SEAL	3				
121	7102610	O-RING, SEAL CASE	3				
125	7106428	SEAL, HPS	3				
160	N/A	O-RING, INLET SEAT	3				
161	N/A	SEAT, INLET	3				
162	7102945	BACK-UP-RING, DISCHARGE SEAT	3				
163	7102946	O-RING, DISCHARGE SEAT, 70D	3				
164	N/A	SEAT, DISCHARGE	3				
166	N/A	VALVE	6				
167	7102923	SPRING	6				
168	7102812	RETAINER, SPRING, INLET	3				
169	N/A	RETAINER, SPRING, DISCHARGE	3				
172	N/A	O-RING, VALVE PLUG - 90D	3				
174	7106429	PLUG, VALVE WITH O-RING	3				
185	7106430	HEAD, MANIFOLD WITH INTEGRAL REGULATORY BODY	1				
188	7106431	SCREW	6				
197	7103839	ASSY, GH, 3/8"	1				
198	7000123	INLET SCREEN FILTER W/GASKET	1				
249	7103840	ASSY, ADAPTOR MOUNT	1				
255	7103841	ASSY, BOLT MOUNT	1				
283	7106432	KIT, OIL DRAIN	1				
300	7106433	KIT, SEAL (98, 106, 121, 125)	1				
310	7106434	KIT, VALVE (160-164, 166-169, 172)	1				
402	7103842	CAP, ADJUSTING	1				
403	7103843	NUT, LOCK (M18 X 1)	1				
408	7103544	SPRING, PRESSURE	1				
410	7103845	RETAINER, SPRING	1				

4DNX25GSI

WAYNE BURNER MSR

EXPLODED VIEW



PARTS LIST

ITEM	PART	DESCRIPTION	QTY.
1	7102735	CONE, AIR #3A	1
2	N/A	SCREW-AIR CONE MOUNTING	3
3	N/A	TUBE, FLANGE ASSEMBLY	1
4	7101781	GASKET, FLANGE-STD LARGE	1
5	N/A	HOUSING ASM-M MACHD/PAINTED	1
6	N/A	J-BOX, 3" X 4"	1
7	N/A	COVER, J-BOX	1
8	7102732	GUN ASM-EHS/*1 1/4"BB	1
9	N/A	ADAPTOR, NOZZLE-W/LARGE SUPPORT	1
10	N/A	ELECTRODE SUPPORT KIT W/STABILIZER	1
11	N/A	DISC, STATIC 3" DIA-SOLID	1
12	7101711	KIT, ELECTRODE ASM PAIR	1
13		IGNITOR	1
	7101922	12V DC	
	7101292	120V AC	
	7106739	230V AC	
14		MOTOR, BLOWER/OIL PUMP	1
	7105399	12V DC	
	7106410	120V AC	
	7107097	230V AC	
15	N/A	SIDE PLATE, HOUSING-12VDC MOTOR	1
16	7100331	FAN-2.44"W X 4.53"D M 5/16" BORE	1
17		MOTOR DRIVE COUPLING	1
	7101521	12V DC	
	7101521	120V AC	
	7101521	230V AC	
18	N/A	BAND, AIR INNER-MOD M	1
19	N/A	BAND, AIR OUTER 8-HOLE MOD-M	1
20	7101049	PUMP, SUNTEC A2VA7116 3GPH 1STG	1
21		OIL VALVE	1
	7101164	12V DC	
	7101349	120V AC	
	7101350	230V AC	
22	N/A	CONNECTOR, MALE PUMP 3/16" X 1/8" IPT	1
23	N/A	OIL LINE ASSEMBLY-6"	1
24	N/A	PLATE, HOUSING SLOT COVER	1
25	N/A	NUT, GUN LOCK-HEX 3/8-24 CRZC	1
26	N/A	SCREW-MOTOR, PUMP, AIR BAND	5

WAYNE - MSR BURNER

