

—SHOWN FOR
REFERENCE

—TIGHTENING
TRQ: 18 FT-LBS
TYP.

SEE (41) FOR GATE COMPONENTS
AND EXPLODED VIEW

CHECK TIGHTNESS AND
ADJUST IF NECESSARY TO
ALLOW OPENING OF THE DOOR.

—CHECK TIGHTNESS AND
ADJUST IF NECESSARY TO
ALLOW OPENING OF THE DOOR.

GUARD AND FASTENERS
PART OF (41)

—TIGHTENING
TRQ: 7 FT-LBS
TYP.

ENG. EVAP
PORT

—FASTENERS FOR MUFFLER
AND GUARD KIT NOT
SHOWN. PART OF KIT

—USE WASHERS INCLUDED
WITH BLOWER

SHAFT KEY
PART OF BLOWER

COVER AND SCREWS

TIGHTENING
TRQ: 7 FT-LBS
TYP. _____

RED 6 AWG
GPT WIRE (TO STARTER)

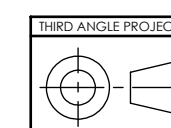
RED/BLK 16 GA GXL WI
(TO FUEL SHUT-OFF)——

RED/BLK 16 GA GXL WIRE
(TO LEVEL SWITCH)——

BLACK 6 AWG
GPT WIRE (TO BAT)

—BLACK 6 AWG
GPT WIRE (TO ENG. BLOCK)

RED 6 AWG GPT WIRE
(TO BAT)



ACTION	UNLESS OTHERWISE SPECIFIED:	
	DIMENSIONS ARE IN INCHES APPLY WORKMANSHIP STANDARD W/ 17-02 INTERPRET DIM AND TOL PER LATEST ASME Y14.5M STANDARD DO NOT SCALE DRAWING	TOLERANCES: FRACTIONS $\pm 1/32"$ ONE PLACE DECIMAL ± 0.1 TWO PLACE DECIMAL ± 0.01 THREE PLACE DECIMAL ± 0.001 ANGLE IN DEGREES $\pm 0.5^\circ$

D15 D10 0,005	DRAWN BY MWW	APPROVED BY MWW	SCALE 1:8
	DATE 01/27/2016	DATE 01/27/2016	SHEET 2 OF 6

THE	SIZE D	DWG. NO. 59-000-01	REV. C
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E.H. WACHS
Utility Products
600 Knightsbridge Parkway
Lincolnshire, IL 60069
www.ehwachs.com

TITLE TRAV-L-VAC 300 SKID MOUNTED CLEANOUT SYSTEM

DRAWN BY	APPROVED BY	SCALE
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	MWW	MWW	1:8
	DATE	DATE	SHEET

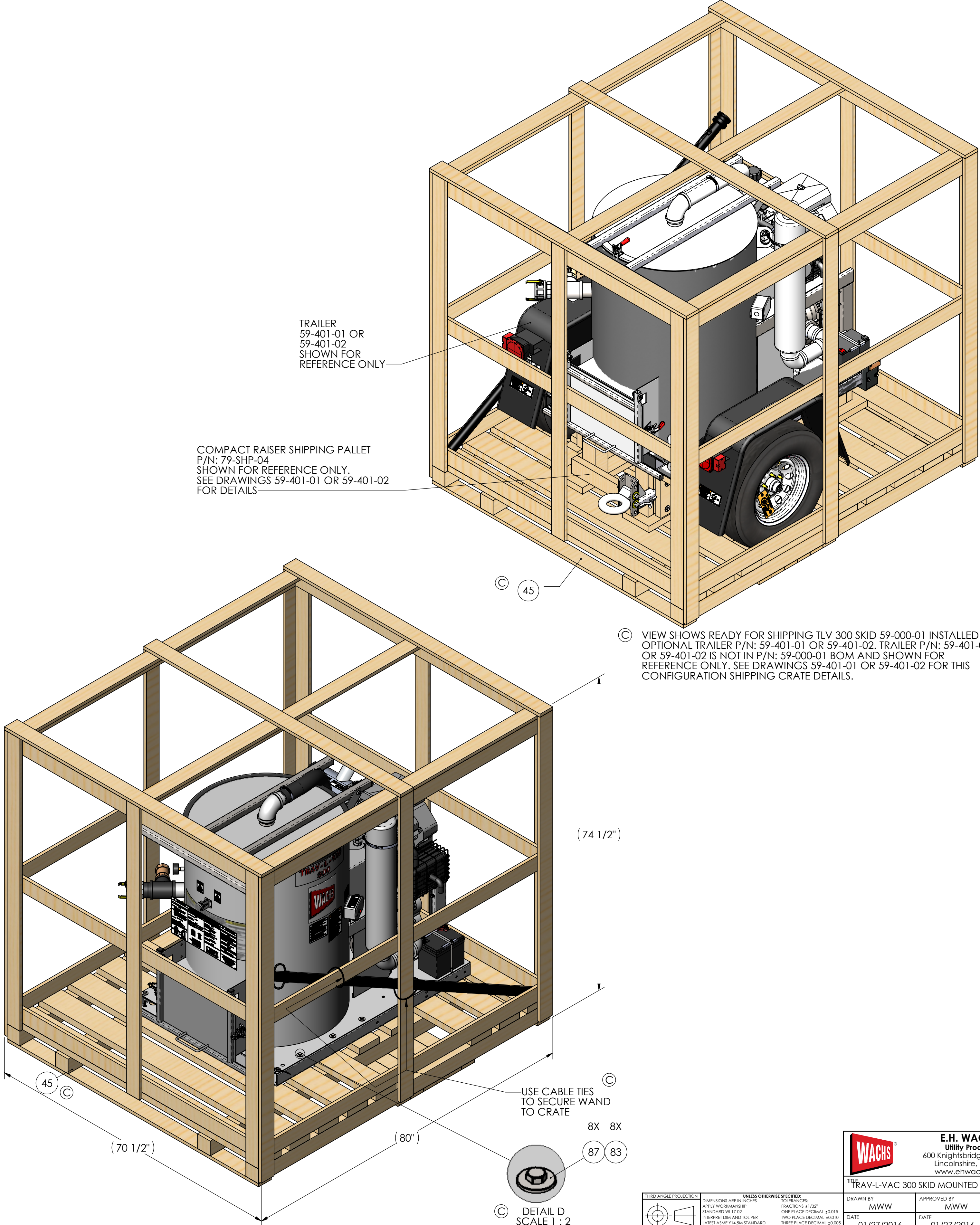
0.003	01/27/2016	01/27/2016	2 OF 6
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59-000-01

8		7		
ITEM	PART NUMBER	DESCRIPTION	QTY	LENGTH
1	14-136-00	BATTERY, SEALED LEAD ACID, 12 V, 35 Ah	1	
2	58-048-00	PILOT LED, 12 VDC RED	1	
3	59-011-00	WELDMENT, BATTERY HOLD DOWN	1	
4	59-032-00	NIPPLE, 2 X CLOSE	1	
5	59-033-02	ENGINE, GASOLINE 20 HP MODIFIED	1	
6	59-034-00	MUFFLER, CH20 KOHLER	1	
7	59-037-00	SHEAVE, 3VX V-BELT	2	
8	59-038-01	BUSHING, QD SH 1 1/8	1	
9	59-039-00	BUSHING, QD SH 7/8	1	
10	59-040-01	V-BELT, 2/3VX-530	1	
11	59-047-00	SWITCH, LIQUID LEVEL	1	
12	59-048-00	SEAL, LID	1	2.25
13	59-049-00	PLUG, DRAIN	1	
14	59-050-00	CAP, BLACK PLASTIC, 1-1/2 SQUARE TUBE	4	
15	59-051-00	CAP, BLACK, PLASTIC, 1 IN SQUARE TUBE	4	
16	59-052-00	ROD, THREADED	2	
17	59-053-00	STRAP, FILTER	2	
18	59-055-00	STRAP, SILENCER, TLV 300	1	
19	59-057-00	HOSE BARB, 2-1/2 NPT x 2-1/2 HOSE	1	
20	59-058-00	CAP, DUST	1	
21	59-059-00	COUPLING, MALE CAM	1	
22	59-060-00	COVER, TERMINAL, SQUARE (RED)	1	
23	59-061-00	VALVE, 2" BALL VALVE	1	
24	59-062-00	2-1/2" X 2-1/2" X 2" NPT BLACK IRON REDUCING BRANCH TEE	1	
25	59-063-45	45" HOSE, 2-1/2" BLACK VACUUM	1	
26	59-068-00	CONDUIT, 1/2 PLASTIC	1	56"
27	59-069-00	CONNECTOR, NYLON STRAIGHT	1	
28	59-071-00	CAGE, MUFFLER, KOHLER 15 AND 20 HP	1	
29	59-074-00	S-HOOK, OPEN END 1/16"	2	
30	59-074-01	S-HOOK, OPEN END 1/8"	3	
31	59-074-02	PIN, QUICK	1	
32	59-086-00	LABEL, MAINTENANCE	1	
33	59-098-00	LABEL, EAR PROTECTION	1	
34	59-099-00	LABEL, EYE PROTECTION	1	
35	59-107-00	CLAMP, HOSE, 3"	2	
36	59-116-00	DECAL, TLV 300	2	
37	59-117-00	LABEL, OPEN MACHINERY	3	
38	59-119-20	2" X 6-1/2' LONG SUCTION TUBE WITH HANDLE	1	
39	59-130-00	LABEL, LIQUID SHUT-OFF	1	
40	59-135-00	VACUUM GAUGE, VAC 300	1	
41	59-200-00	TRAV-L-VAC 300 SUB-ASSEMBLY	1	
42	59-302-01	BLOWER ASSEMBLY, TLV 300	1	
43	59-405-15	2-1/2" x 15' SUCTION HOSE WITH CAM LOCKS	1	
44	59-MAN-01	MANUAL, TLV 300	1	
45	59-SHP-01	VAC300 - SHIPPING WOOD CRATE	1	
46	62-051-01	SILENCER, INLINE 2.5" NPT	1	
47	62-054-00	CANNISTER & FILTER	1	
48	62-055-00	FILTER, FOAM POLYURETHANE	1	
49	62-066-00	NIPPLE, 2-1/2" NPT X 4"	1	
50	62-070-00	CAP, END, FILTER	1	
51	62-083-00	2-1/2" NPT ELBOW	1	
52	62-092-00	LABEL, WATER LEVEL	1	
53	62-095-00	RAIN CAP	1	
54	67-108-00	PLATE, S/N	1	

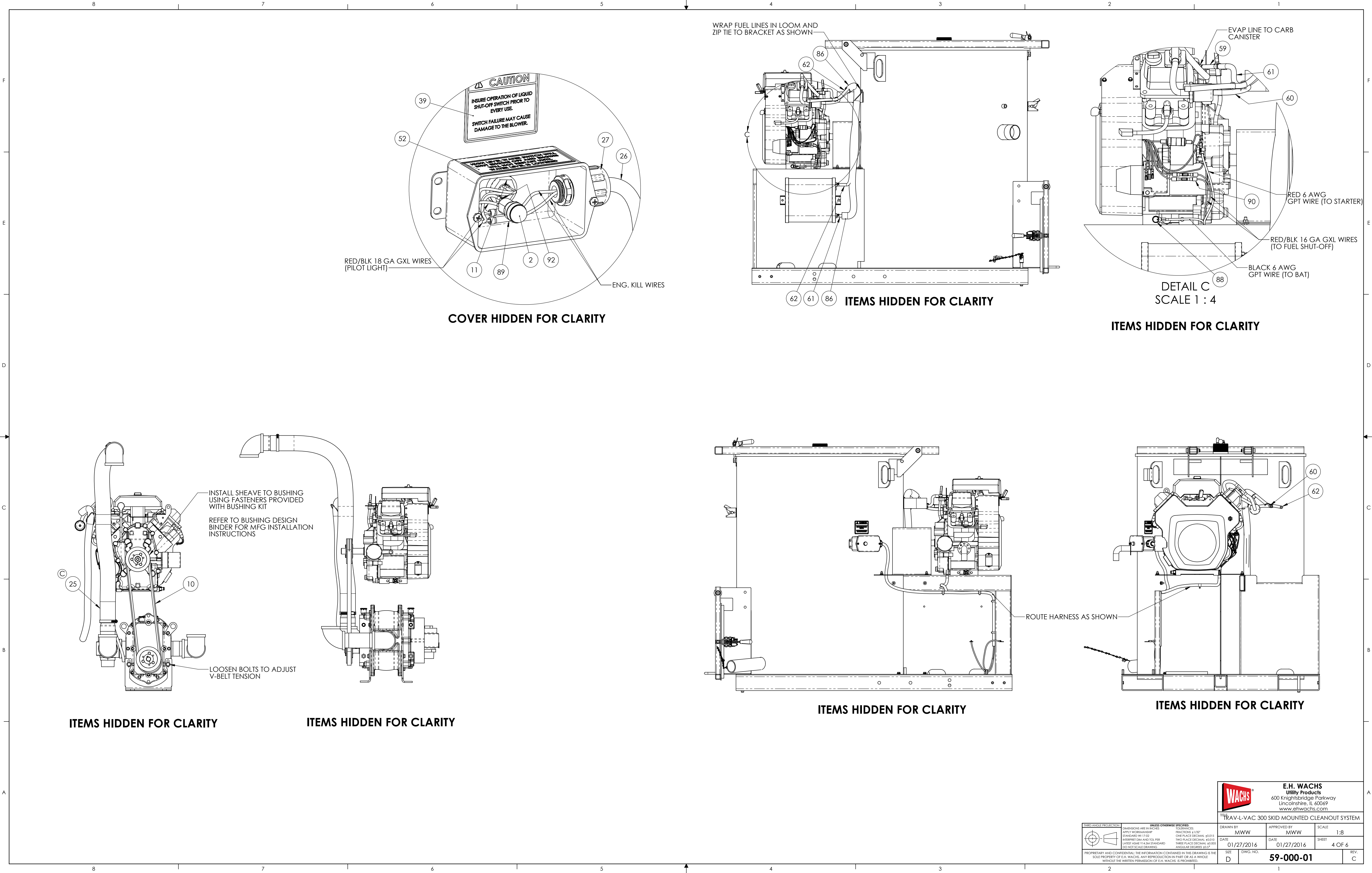
6		5		
ITEM	PART NUMBER	DESCRIPTION	QTY	LENGTH
55	67-110-00	LABEL, OPERATING INSTRUCTIONS	1	
56	67-117-00	LABEL, SAFETY PRECAUTIONS	1	
57	68-158-04	HOSE CLAMP, CRIMP 11.5-14.0MM	6	
58	68-158-17	HOSE CLAMP, CRIMP 9.8-12.3 MM	1	
59	68-159-18	HOSE, 3/16" FUEL- SAE 30R9/CARB	1	2.00
60	68-159-25	HOSE, 1/4" FUEL - SAE 30R9/ CARB	1	21"
61	68-159-25	HOSE, 1/4" FUEL - SAE 30R9/ CARB	1	35"
62	68-159-25	HOSE, 1/4" FUEL - SAE 30R9/ CARB	1	29"
63	77-116-00	KNOB, FILTER	1	
64	77-170-20	CHAIN, LANCE RETAINER	3	7"
65	77-245-00	1.8 LITER OPE CARBON CANISTER	1	
66	77-282-20	10 GALLON GASOLINE FUEL TANK	1	
67	77-420-01-03	CAP, PLASTIC 1 X 3	2	
68	90-051-07	HHCS, 1/4-20 X 3/4 GRADE 5 Zn	3	
69	90-055-01	NUT, 1/4-20 HEX	8	
70	90-055-06	NUT, 1/4-20 NYLOCK	2	
71	90-055-49	WASHER, 1/4 FLAT	6	
72	90-055-52	WASHER, 1/4 SPLIT RING	8	
73	90-057-10	KEY, 1/4 SQ. X 1 UNDERSIZED	1	
74	90-061-08	HEX BOLT, 5/16-18 x 7/8	4	
75	90-065-01	NUT, 5/16-18 HEX GRADE 8	4	
76	90-065-51	WASHER, 5/16 SPLIT RING	4	
77	90-065-52	WASHER, 5/16 FLAT	8	
78	90-071-22	HHCS, 3/8-16 X 2-1/4"	4	
79	90-075-01	NUT, 3/8-16 HEX GR 5 ZN	4	
80	90-075-52	WASHER, 3/8 SPLIT RING	4	
81	90-075-53	WASHER, 3/8 FLAT	5	
82	90-078-91	ADAPTER, 1/4" X 3/16" BARBED	1	
83	90-084-04	HH LAG SCREW, 3/8"-7 X 4 1/2" ZN	8	
84	90-091-15	HHCS, 1/2-13 X 1-1/2 GRADE 8 ZN	4	
85	90-095-58	WASHER, 1/2 SPLIT RING	4	
86	90-134-10	1" CONVOLUTED SPLIT WIRE LOOM	1	AR
87	90-235-17	WASHER, 3/8" FENDER, 1 1/4" OD, 1/8" THK	8	
88	90-501-33	TERMINAL, 6 AWG 3/8" STUD NON-INSULATED BRAZED SEAM RING	4	
89	90-501-36	TERMINAL,16-14 AWG BUTTSPLICE	2	
90	90-501-50	TERMINAL, 16-14 AWG 1/4 SPADE MALE HT SHRINK	1	
91	90-501-51	TERMINAL, 16-14 AWG 1/4 SPADE FEMALE HT SHRINK	1	
92	90-501-64	TERMINAL, 22-18 AWG, 110 FEMALE QD NON-INSUL	2	-
93	90-901-01	WIRE, 18 GA GXL-RED	1	4"
94	90-901-02	WIRE, 18 GA GXL-BLACK	1	4"
95	90-901-07	WIRE, 6 GPT X RED	1	58"
96	90-901-08	WIRE, 6 GPT X BLK	1	53"
97	90-901-60	WIRE, 16 GPT X BLACK	1	46"
98	90-901-70	WIRE, 16 GPT X RED	1	46"
99	90-903-50	CUSHIONED LOOP CLAMP, 1/2"	6	
100	90-1002-12	HHCS, M8 X 1.25MM X 12MM CLASS 8.8	1	
101	90-1017-01	WASHER, M8 FLAT	1	
102	940-12 755 28-S	DEFLECTOR, EXHAUST, KOHLER GAS ENGINE	1	

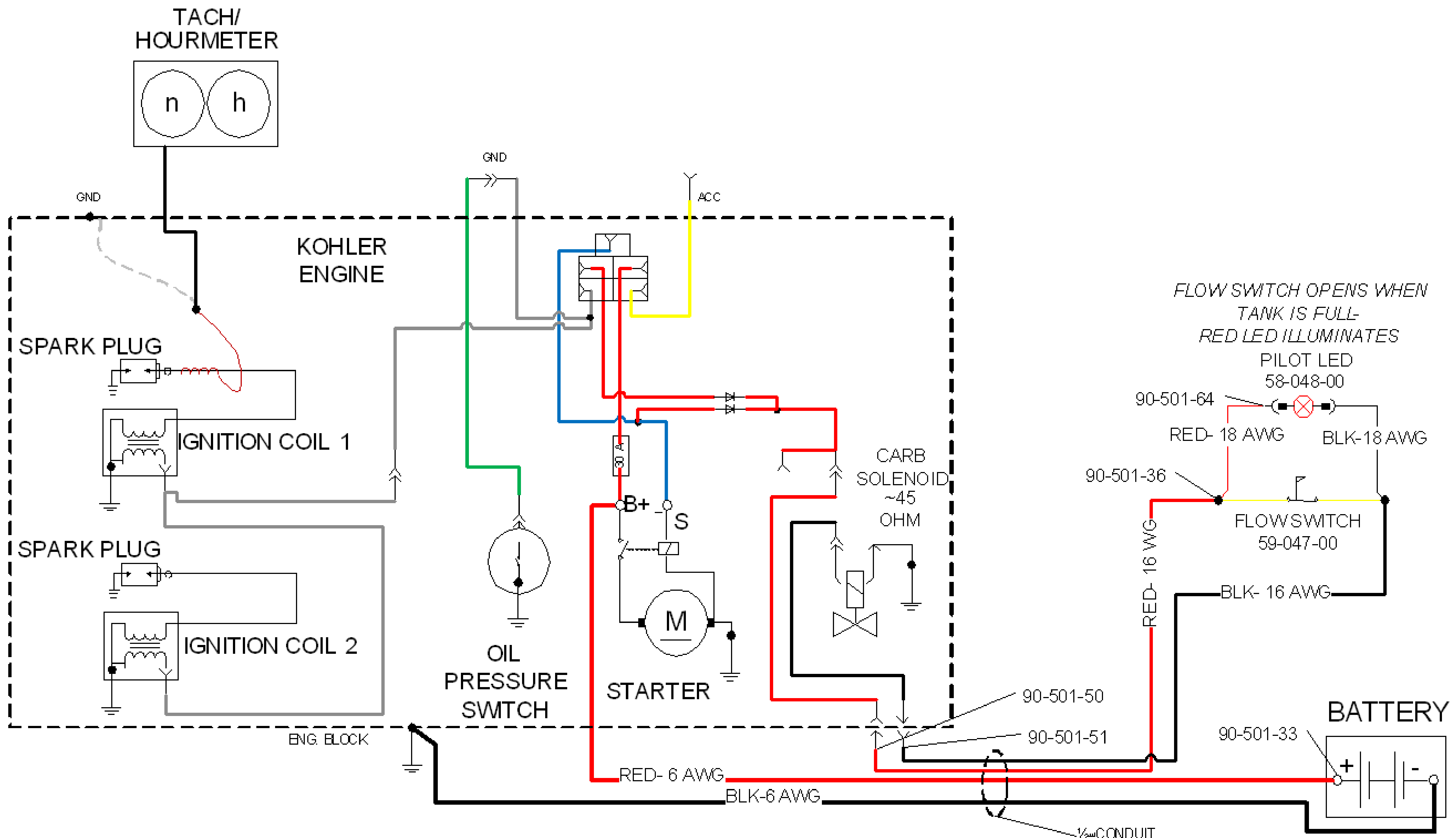
NOTE: ALL LENGTHS IN BOM SHOWN AS MINIMUM AND AS REFERENCE ONLY. ACTUAL LENGTHS MIGHT VARY BASED ON ROUTING ETC.



THIRD ANGLE PROJECTION		UNLESS OTHERWISE SPECIFIED:		DRAWN BY		APPROVED BY		SCALE	
		DIMENSIONS ARE IN INCHES		TOLERANCES:		MWW		MWW	
		APPLY WORKMANSHIP		FRACTIONS: 1/32"		DATE		DATE	
		STANDARD W/11/02		ONE PLACE DECIMAL: ±0.015		01/27/2016		01/27/2016	
		INTERPRET DIM AND TOL PER		TWO PLACE DECIMAL: ±0.010		DATE		DATE	
LATEST ASME Y14.5M STANDARD		THREE PLACE DECIMAL: ±0.005		SEE		DWGS. NO.		REV.	
DO NOT SCALE DRAWINGS		ANGULAR DEGREES: ±0.5°		D		59-000-01		C	
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E.H. WACHS Utility Products	
600 Knightsbridge Parkway Lincolnshire, IL 60069 www.ehwachs.com	
TITLE TRAV-L-VAC 300 SKID MOUNTED CLEANOUT SYSTEM	





WIRE SCHEMATIC

				E.H. WACHS Utility Products 600 Knightsbridge Parkway Lincolnshire, IL 60069 www.ehwachs.com			
THIRD ANGLE PROJECTION				UNLESS OTHERWISE SPECIFIED:			
DIMENSIONS ARE IN INCHES				TOLERANCES:			
APPLY WORKMANSHIP				FRACTIONS: 1/32"			
STANDARD W/ 1/16"				ONE PLACE DECIMAL: ±0.015			
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DRAWN BY				APPROVED BY			
MWW				MWW			
DATE				DATE			
01/27/2016				01/27/2016			
SHEET				SCALE			
5 OF 6				1:1			
REV.				DWG. NO.			
C				59-000-01			

