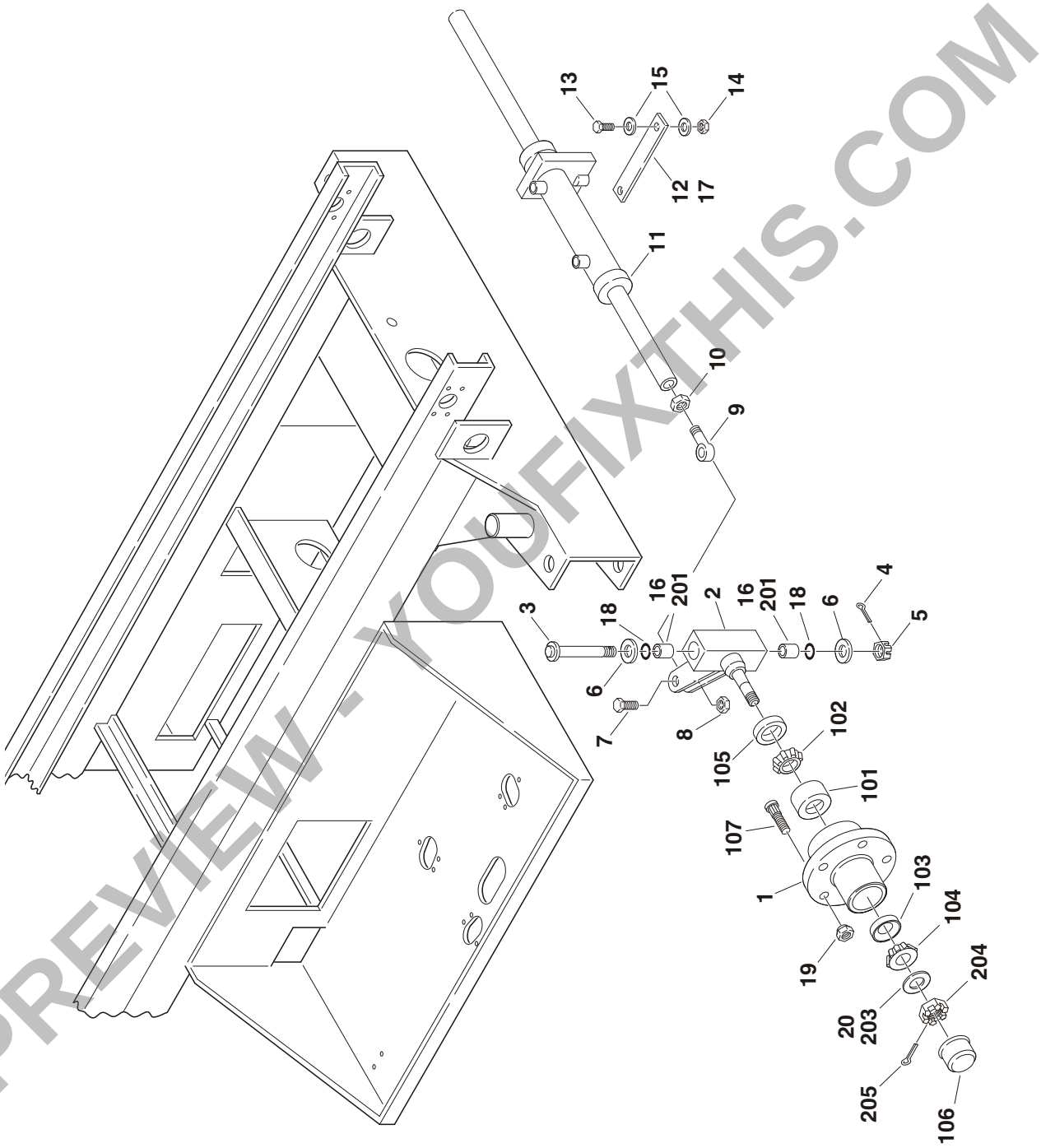
SECTION 1 FRAME

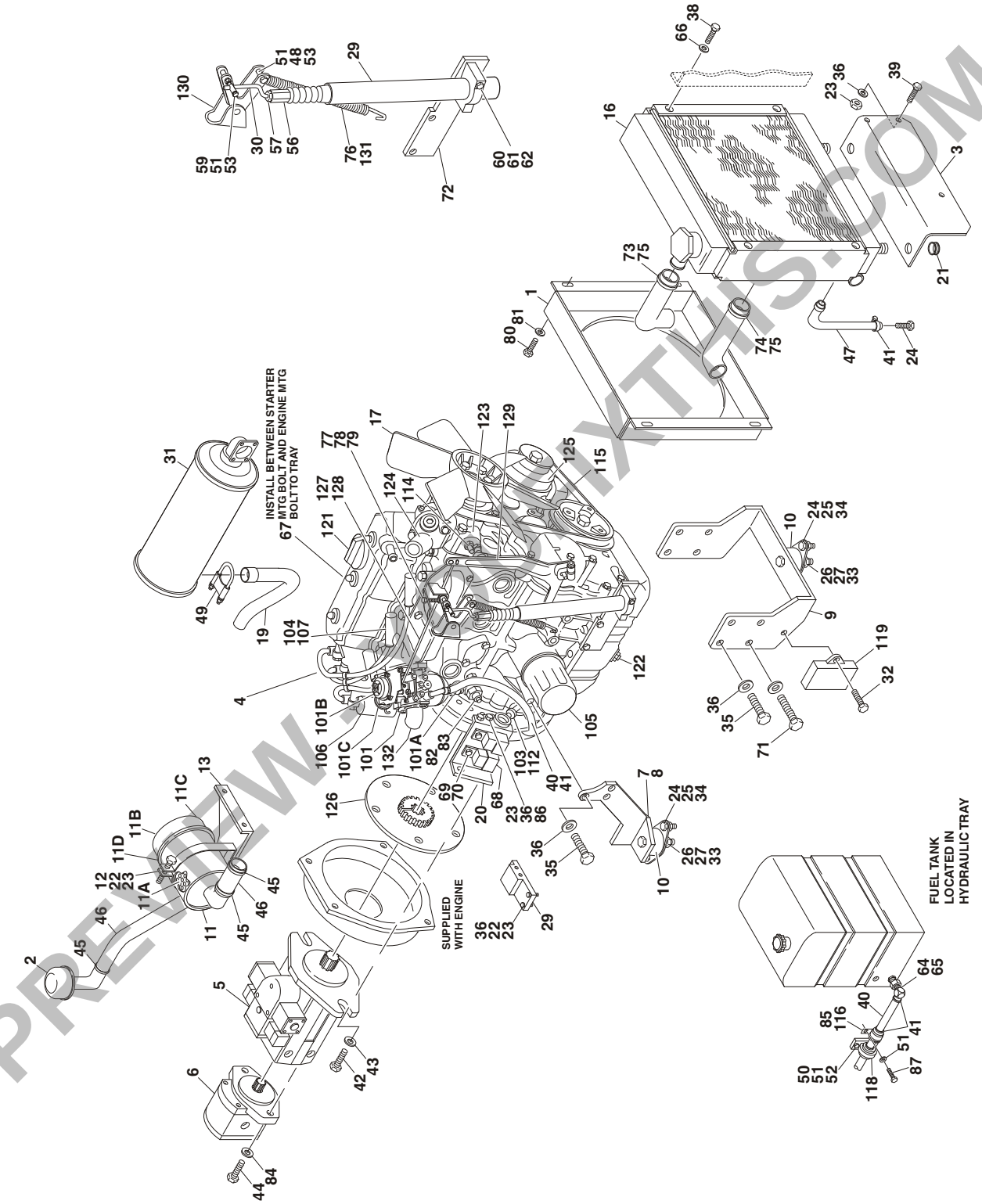
FIGURE 1-1. FRAME AND STEERING INSTALLATION



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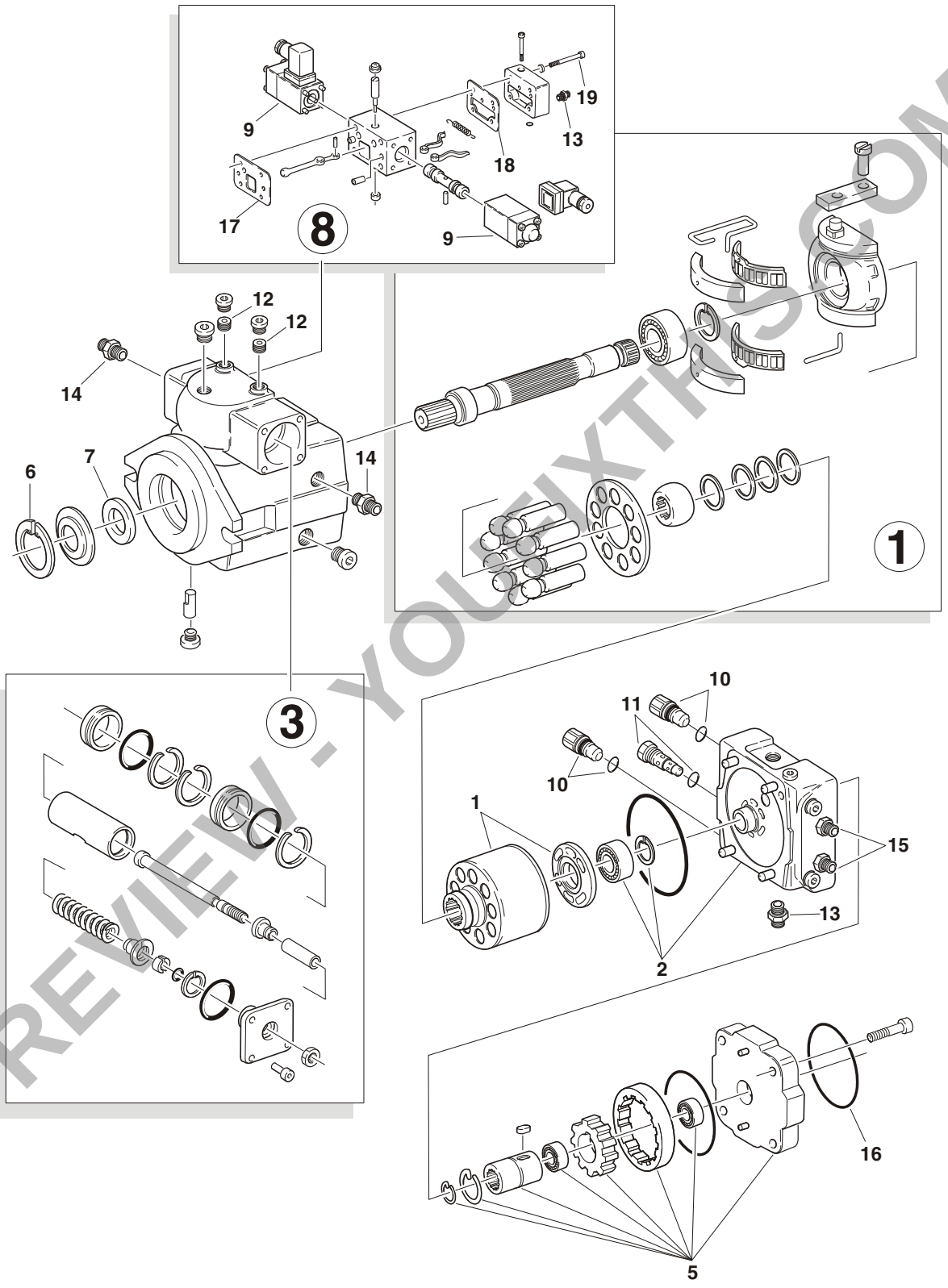
FIGURE 2-3. VANGUARD GAS ENGINE INSTALLATION (PRIOR TO S/N 48113)



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FIGURE 2-7. PISTON PUMP ASSEMBLY



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FIGURE 6-1.HYDRAULIC DIAGRAM - STANDARD

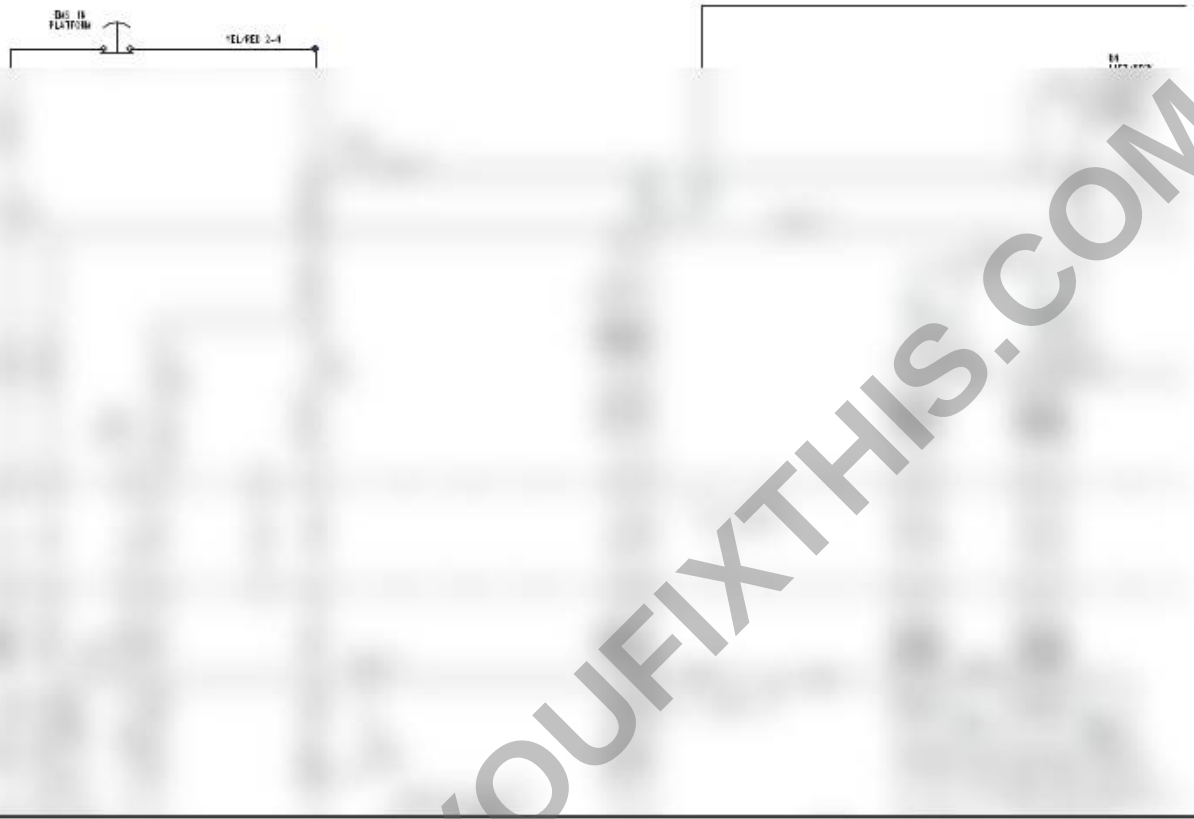


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FIGURE 7-2.ELECTRICAL SCHEMATIC - VANGUARD



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FIGURE 1-1. FRAME AND STEERING INSTALLATION

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	2360420	**FRAME WELDMENT**	1	
	0255118	**STEERING & SPINDLES INSTALLATION**	Ref.	8
1	2780221	Hub Assembly (Includes Items 101-107)	2	
2	4130286	Spindle Weldment (Includes Items 201-205)	2	
3	3422610	Kingpin	2	
4	3450810	Pin, Cotter 1/4" x 2 1/2"	2	
5	3313003	Nut, Slotted 1 1/4"-7NC	2	
6	0440162	Washer, Thrust	2	
7	0642016	Bolt 5/8"-16NC x 2"	2	
8	3312005	Locknut 5/8"-16NC	2	
9	3841146	Rod-End	2	
10	3322002	Nut, Jam 5/8"-16NC	2	
11		Steer Cylinder Assembly (See Section 5 For Breakdown)	1	
		Options:		
	1683239	Prior to S/N 46538		
	1683697	S/N 46538 to Present		
12	3340644	Pad, Wear	1	
13	0641508	Bolt 5/16"-18NC x 1"	1	
14	3311505	Locknut 5/16"-18NC	1	
15	4751500	Flatwasher 5/16"	2	
16	3020022	Grease	A/R	
17	4070809	Shim	A/R	
18	3780182	O-Ring	4	
19		Nut, Wheel Options:	10	
	3300255	Prior to S/N 32539		
	3300407	S/N 32539 to Present		
20	4752200	Flatwasher 3/4"	2	
	2780221	**HUB ASSEMBLY**	Ref.	—
101	7012519	Cup, Bearing - Inner (1 Per Hub)	2	
102	7012520	Cone, Bearing - Inner (1 Per Hub)	2	
103	7012521	Cup, Bearing - Outer (1 Per Hub)	2	
104	7012522	Cone, Bearing - Outer (1 Per Hub)	2	
105	7012523	Seal (1 Per Hub)	2	
106	7012524	Cap, Dust (1 Per Hub)	2	
107	7016360	Stud, Wheel (5 Per Hub)	10	
	4130286	**SPINDLE WELDMENT**	Ref.	—
201	0961621	Bushing, Bronze (2 Per Spindle)	4	
202	Not Used			
203	7012542	Washer (1 Per Spindle)	2	
204	7012541	Nut, Slotted (1 Per Spindle)	2	
205	7012543	Pin, Cotter (1 Per Spindle)	2	

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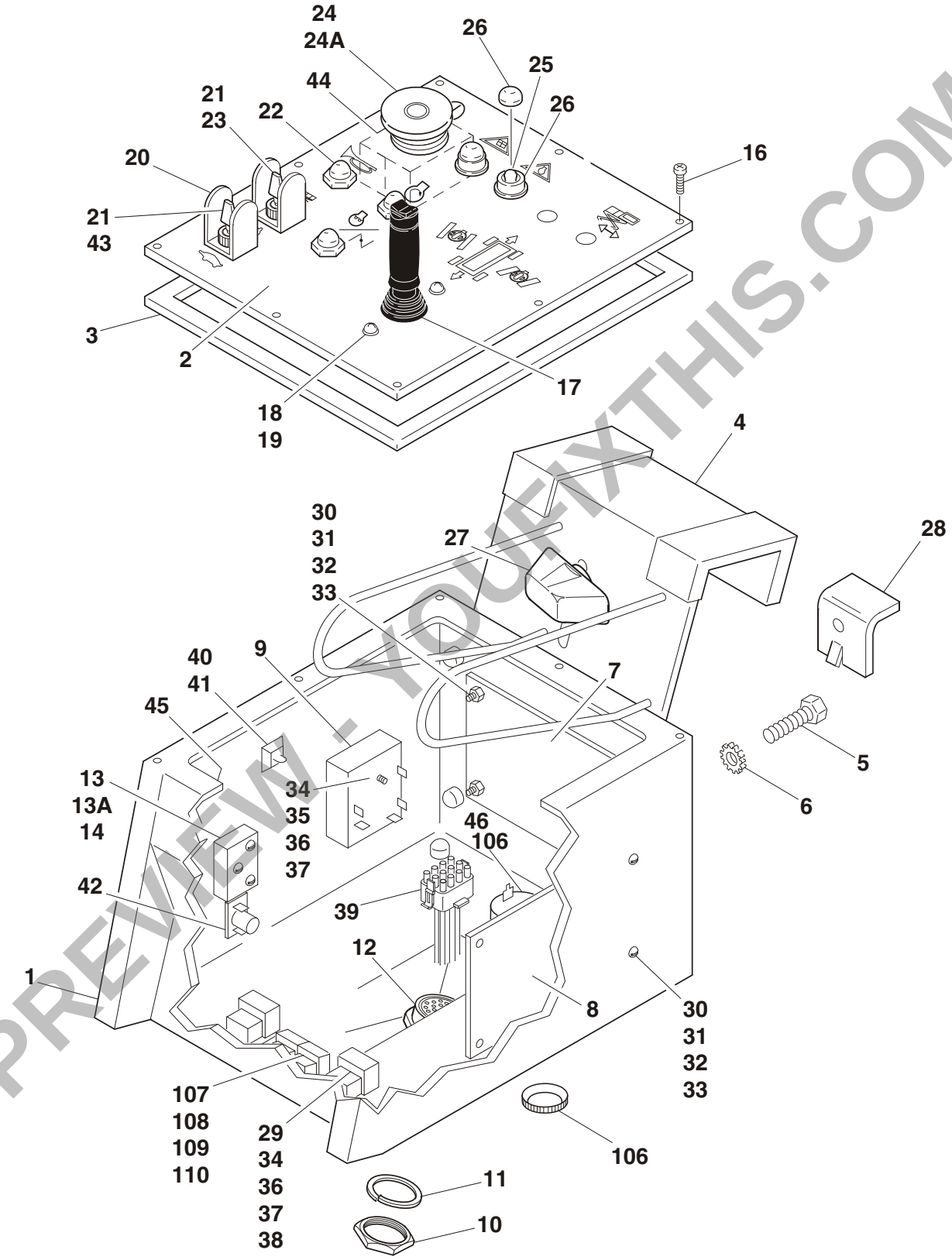
FIGURE 2-9. GROUND CONTROLS INSTALLATION (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
62		Component Options:	1	
	3520026	Plug (Vanguard Engine)		
	4360387	Switch, Push Button (Yanmar Engine)		
		GROUND CONTROL BOX INSTALLATION OPTIONS:	Ref.	
	0256310	**Vanguard Engine**	Ref.	2
	0256311	**Yanmar Engine**	Ref.	2
101	Not Used			
102	0641410	Bolt 1/4”-20NC x 1 1/4”	2	
103	4751400	Flatwasher 1/4”	4	
104	4761400	Lockwasher 1/4”	2	
105	3311401	Nut 1/4”-20NC	2	
106	0362591	Bar, Brace	1	
	0256536	**KEY ATTACH ASSEMBLY**	Ref.	A
201	0641405	Bolt 1/4”-20NC x 5/8”	1	
202	4751400	Flatwasher 1/4”	2	
203	3311405	Locknut 1/4”-20NC	1	
204	1060379	Lanyard	1	
205	3760170	Ring	1	
		OPTIONAL WORKLIGHTS INSTALLATION OPTIONS:	Ref.	
	0256535	**Standard Rails**	Ref.	3
	0258925	**Fold-Down Rails**	Ref.	1
301 to 319	Not Used			
320	4360448	Breaker, Circuit 10 Amp	1	
321 to 322	Not Used			
323	4761000	Lockwasher #10	1	
324	3311001	Locknut #10-24NC	1	
325	3911008	Bolt #10-24NC x 1/2”	1	
	0256692	**PLATFORM EXTENSION INTERLOCK INSTALLATION (NOT SHOWN)**	Ref.	—
	4120013	Socket, Relay	1	
	3740058	Relay	1	
	3740063	Clip, Spring	1	
	0256350	**DUAL FUEL INSTALLATION (OPTIONAL)**	Ref.	10
401	4360345	Switch, Toggle (Select)	1	
	3790012	O-Ring	1	

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FIGURE 4-3.PLATFORM CONSOLE BOX ASSEMBLY



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