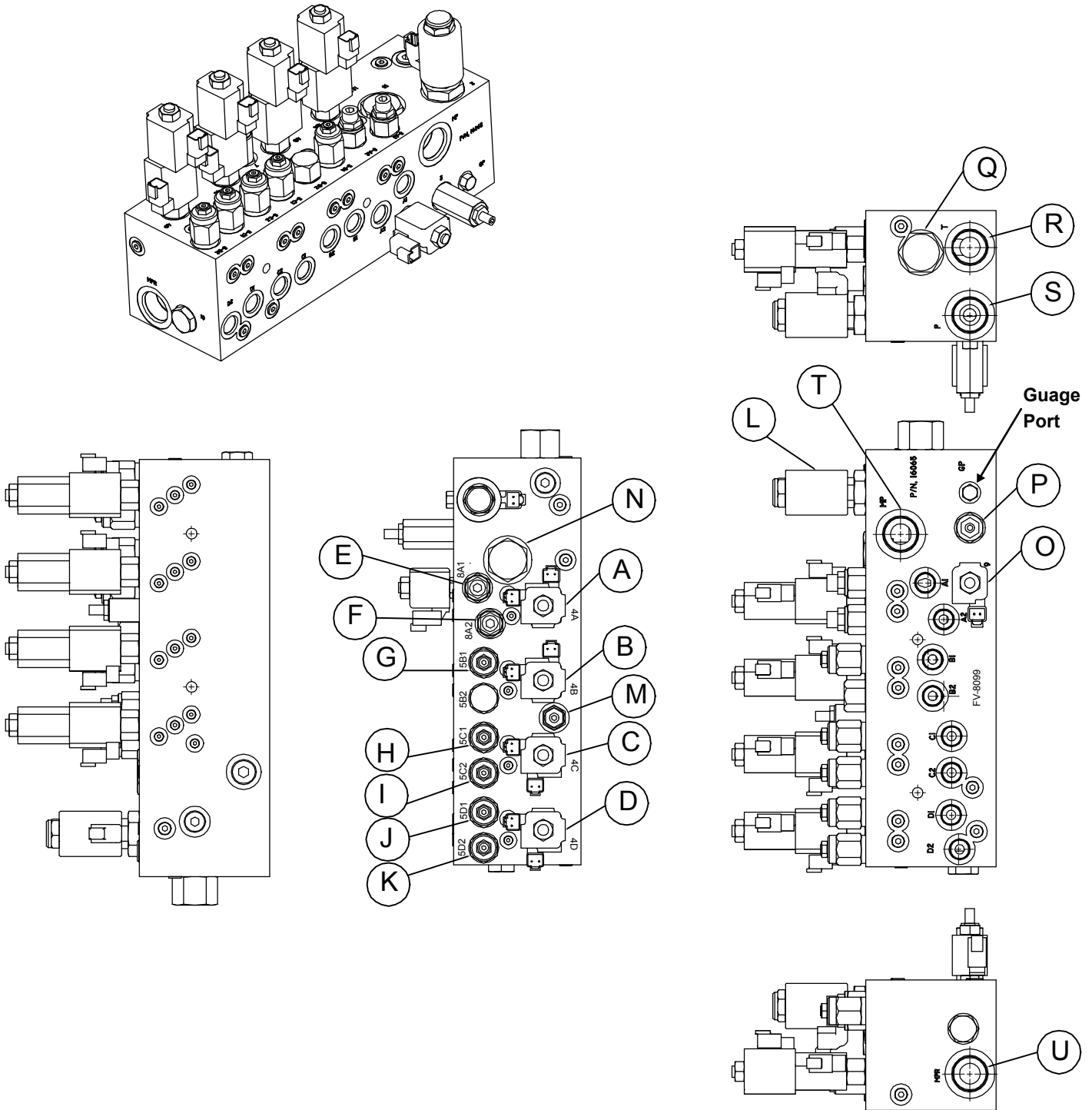


Maintenance

EV1442 CONTROL VALVE PORT LISTING

Item	EVH P/N		Description	Code	Setting	Torque	Coil Nut
A	16262	Stem	Solenoid Valve (Deck Cyl. Control)	4A		25 ft lbs.	2.5 ft lbs.
	16263	Coil					
B	16262	Stem	Solenoid Valve (II stg Boom Control)	4B		25 ft lbs.	2.5 ft lbs.
	16263	Coil					
C	16262	Stem	Solenoid Valve (I stg Boom Control)	4C		25 ft lbs.	2.5 ft lbs.
	16263	Coil					
D	16262	Stem	Solenoid Valve (Swing Control)	4D		25 ft lbs.	2.5 ft lbs.
	16263	Coil					
E	16258		Counterbalance Valve (Swing Right)	8A1	1050 PSI	35 ft lbs.	
F	16258		Counterbalance Valve (Swing Left)	8A2	1050 PSI	35 ft lbs.	
G	16256		Counterbalance Valve (1st Stage Up)	5B1	1800 PSI	35 ft lbs.	
H	16256		Counterbalance Valve (2nd Stage Down)	5C1	1800 PSI	35 ft lbs.	
I	16256		Counterbalance Valve (2nd Stage Up)	5C2	1800 PSI	35 ft lbs.	
J	16256		Counterbalance Valve (Deck Down)	5D1	1800 PSI	35 ft lbs.	
K	16257		Counterbalance Valve (Deck UP)	5D2	1400 PSI	35 ft lbs.	
L	N/A		Proportional Flow Control	2		50 ft lbs.	
M	16259		Cylinder Relief Valve	7	1650 PSI	25 ft lbs.	
N	N/A		Check Valve	13		130 ft lbs.	
O	16260	Stem	Solenoid Valve (Deck Motor Control)	9		22 ft lbs.	
	16261	Coil					
P	16255		Main Relief	3	2700 PSI	37 ft lbs.	
Q	N/A		Pilot Opp. Dir. Valve	6		80 ft lbs.	2.5 ft lbs.
R	N/A		Return Port	T			
S	N/A		Pump Port	P			
T	N/A		Deck Motor Pressure Port	MP			
U	N/A		Deck Motor Return Port	MPR			
NOT SHOWN	16496		MAIN CONTROLLER				
NOT SHOWN	16278		JOYSTICK WITH WIRE HARNESS				
NOT SHOWN	16249		PROX SENSOR FOR SWING				
NOT SHOWN	16497		HITCH FRAME WIRING HARNESS FOR MAIN CONTROLLER				

CONTROL VALVE PORT SCHEMATIC



EV1442 Complete

DWG. NO.	24620			REV. B	
REV	CHANGE			BY	DATE
A	1st STG. CYL. - 16536 was 16556			CKN	01/26/12
B	Re-Drawn / Re-Modeled in Creo 2.0			TBB	10/10/17
					ECN

					1691

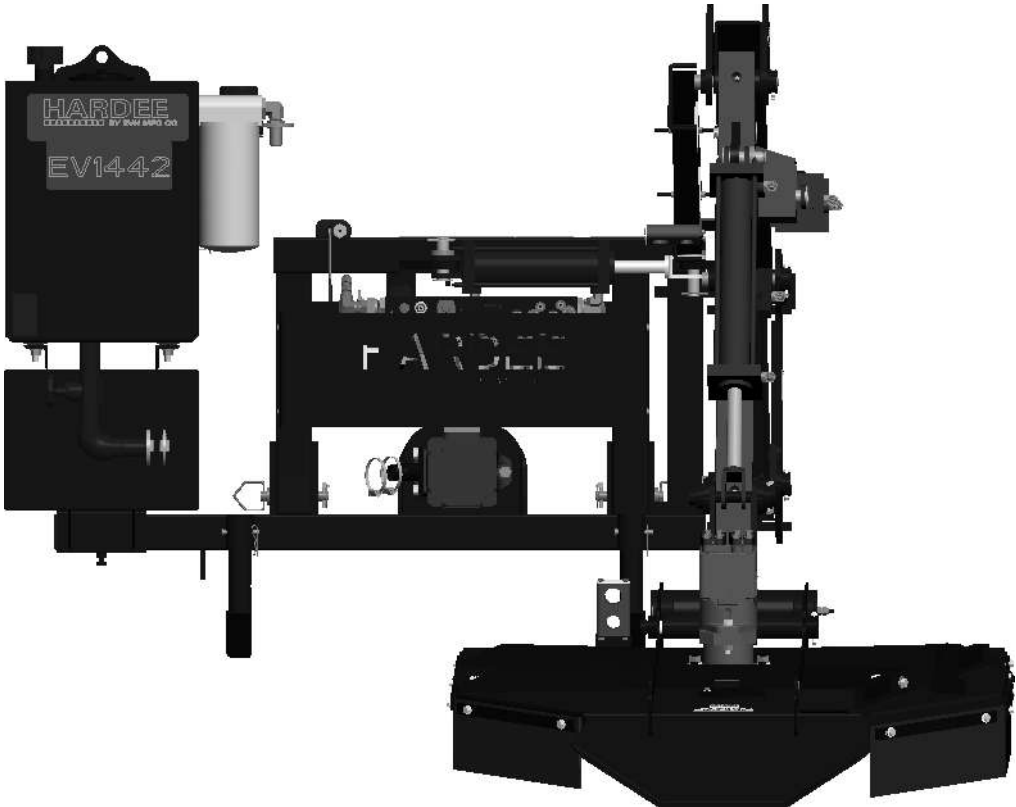
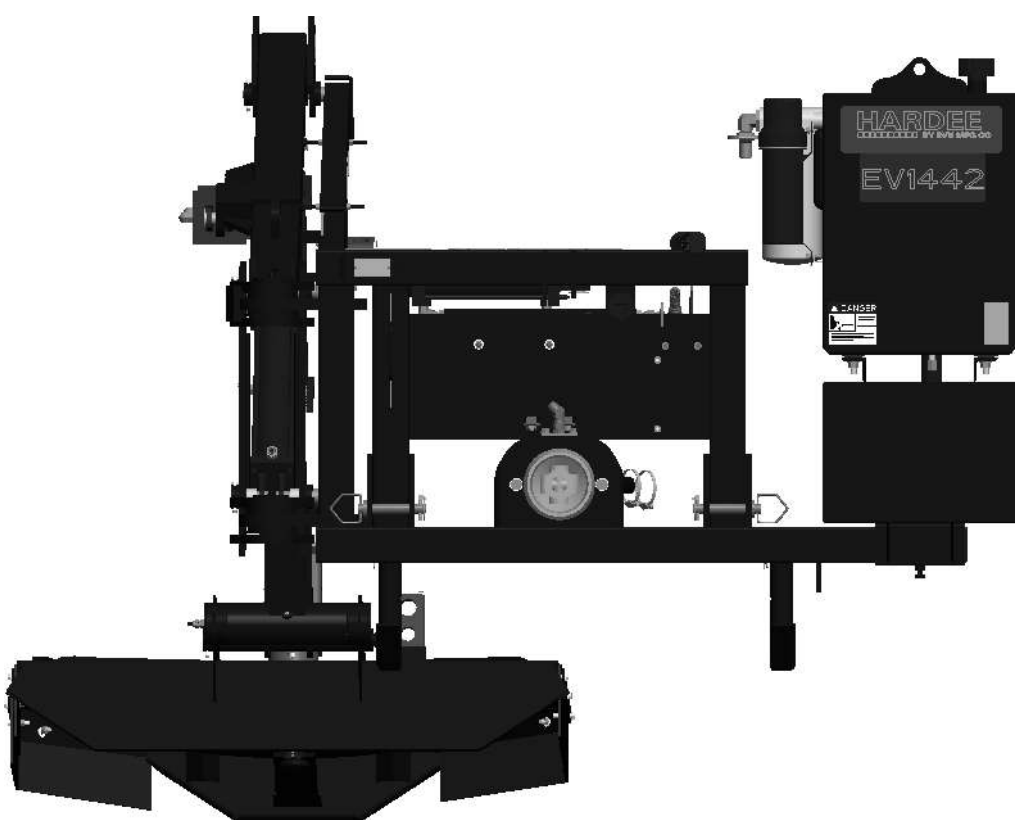
Item	Part Number	Qty.	Description	EV1442 Complete									
1	10001	4	Hex Bolt, 1/4" X 3/4" Gr.5 Plated										
2	10002	2	Hex Bolt, 1/4"-20 X 1" Gr.5 Plated										
3	10006	2	Hex Bolt 1/4" x 3" gr.5 plated										
4	10010	4	1/4"-20 x 5" Grade 5 Zinc Finish Hex Bolt	50	11727	1	Serial Number Plate	97	15910	46	HOSE SLEEVE		
5	10020	6	Hex Bolt 5/16" X 2 1/2" gr.5 Plated	51	11775	1	Hydraulic 540RPM Pump	98	15980	2	3/8" x 96" Pressure Hose W/12-M-JIC		
6	10032	11	Hex Bolt 3/8 x 1-1/2 gr.5 plated	52	11847	1	Hydraulic Vane Motor	99	15982	1	Hose Assy, 3/8" X 119" LG. w/6-F-JIC Swivel Both Ends		
7	10041	2	HEX BOLT (3/8" X 6" GR. 5 PLATED)	53	11850	1	Web Site Decal	100	15983	1	Hose Assy, 3/8" X 43" LG. w/6-F-JIC Swivel Both Ends		
8	10052	4	Hex Bolt 7/16 x 2 gr.5 plated	54	11860	10	TIE STRAP, (14" LG.) (100/PK)	101	15984	1	Pressure Hose, 3/8" X 69" LG. W/6-F-JIC Swivel Both Ends		
9	10071	6	Hex Bolt 1/2 x 1 gr.5 plated	55	11862	1	3/8" X 25" Pressure Hose W/ 6-F-JIC Swivel Both Ends	102	16065	1	CONTROL VALVE & Joy Stick Kit		
10	10074	2	Hex Bolt 1/2 x 1 gr.5 plated	56	11863	1	3/8" X 26" Pressure Hose W/ 6-F-JIC Swivel Both Ends	103	16070	8	ELBOW, 3/8"- 90Deg. Swivel Nut - 37Deg. Flare / 37Deg. Swivel		
11	10092	2	Hex Bolt 5/8 x 2 gr.5 plated	57	11868	1	3/8" X 135" Pressure Hose W/ 6-F-JIC Swivel Both Ends	104	16077	2	Straight Fitting - 1"		
12	10135	2	HEX BOLT(M6x1x20MM GR.5 ZINC)	58	11869	2	3/4" X 96" Pressure Hose W/ 12-F-JIC Swivel Both Ends	105	16086	4	Reducer 37 Deg. Flare (16-12 TRTXN-S)		
13	10153	10	Lock Nut, 1/4" Plated	59	11872	2	6-M-NPT X 6-M-JIC 90 Deg. Elbow	106	16100	1	Sight Gauge 5", With Thermometer		
14	10154	7	Lock Nut 5/16"-18 Plated	60	11874	1	8-M-NPT X 6-M-JIC 45 Deg. Elbow	107	16138	2	Lock Nut 7/16"-14 NC with Nylon Insert		
15	10164	2	1/2" Hex Nut (Gr.5 Plated)	61	11877	2	Pressure Flange Set (#16 Cd. 61)	108	16181	1			
16	10166	6	Lock Nut 5/8"-11 plated	62	13532	2	CLAMP, SIZE 3/4" TO 1-3/4" X 9/16"	109	16191	2	16-M-JIC X 16-M-NPT 90 Deg. Elbow		
17	10173	1	1" Castle Flange Nut	63	13535	4	STAINLESS STEEL CLAMP, 1-1/2" TO 1-3/4"	110	16278	1	JOYSTICK , HR2360 / LR50160		
18	10175	17	3/8"-16 Locknut (Gr.5 Plated)	64	13563	1	1-1/4"-M-NPT X 1-1/2" Metal Hose Barb	111	16312	1	Hose Assy, 3/4" X 19" LG. w/12-F-JIC Swivel Both Ends		
19	10176	6	1/2" Locknut (Gr.5 Plated)	65	13632	1	1/4" NPT Metal Cap	112	16335	1	Hour Meter - not for resale		
20	10181	1	Lockwasher 5/16" plated	66	13697	1	1-1/4" NPT Female Threaded Elbow	113	16496	1	CONTROLLER, MC 024 020 for 16065		
21	10183	4	Lockwasher 7/16 plated	67	13757	1	20-M-NPT X 16-F-NPT Reducer	114	16500	1	O-Ring		
22	10184	6	Lockwasher 1/2 plated	68	13778	1	1-1/4" X 3-1/2" Long NPT Nipple	115	16536	1	3-1/2" Cylinder (32-1/4" to 54-1/4")		
23	10185	6	Lockwasher 5/8" Plated	69	13902	8	STRAIGHT, 6-M-JIC X 8-M-ORB	116	16546	1	Hydraulic Motor Housing Assembly		
24	10200	10	1/4" Plated Flatwasher	70	13905	5	6-M-JIC X 8-M-NPT 90 Deg. Elbow	117	16745	1	3" Cylinder (24-1/4" to 38-1/4")		
25	10202	30	3/8" Flatwasher (Plated)	71	13976	1	12-M-JIC X 12-M-NPT 90 Deg. Elbow	118	16746	1	CYLINDER, 3 X 17"		
26	10204	8	1/2 Flatwasher (Plated)	72	13978	1	STRAIGHT, 12-M-JIC X 12-M-NPT	119	16752	1	2-1/2" Cylinder (20-1/4" to 30-1/4")		
27	10207	17	Flatwasher, 1" plated	73	15251	2	1" Hose Clamp Body (SET OF 2)	120	16775	1	ELBOW, Swivel Nut - 3/4" 90 Deg. ,		
28	10252	7	Cotter Pin 3/16" X 2" Plated	74	15252	2	3/4" Hose Clamp Body (SET OF 2)	121	16805	3	DECAL, MODEL EV1442		
29	10322	5	1/4" Grease Fitting, 1/4"-28 Threaded	75	15255	2	Hose Clamp Cover Plate	122	20031	1	Access Cover		
30	10335	1	Hardee Red Paint - (Not Shown)	76	15268	2	FITTING, 3/4" HB X 12-F-JIC	123	22833	1	Fluid Connector		
31	10336	1	Gear Oil [85W-140] - (Not Shown)	77	15338	1	Danger Decal, Exposed Blades	124	22841	1	1-1/2" x 27" Suction Hose		
32	10339	2	Pop Rivet	78	15465	1	Tubing Insert, 3" Sqr. X 5-8 Gage	125	22880	1	Linkage Weldment (with holes)		
33	10346	2	3 pt. Snap Pin (Lynch Pin)	79	15838	4	Bearing	126	22881	1	Linkage Weldment (without holes)		
34	10368	1	1-1/4" Gate Valve	80	15845	1	Hydraulic Decal Kit	127	22884	3	Pin Weldment		
35	10373	1	Hydraulic Oil	81	15845-1	1	DANGER DECAL (KIT 15845)	128	22896	2	Pin Weldment (7-3/8")		
36	10382	2	Hose Assy., 3/8" x 104" w/6-F-JIC Both Ends	82	15845-10	1	WARNING DECAL (KIT 15845)	129	22902	3	Rubber Shield Flat For 42" Decks		
37	10386	1	O-ring	83	15845-11	3	WARNING DECAL (KIT 15845)	130	22917	1	Pin Weldment (14-3/4")		
38	10387	1	O-ring	84	15845-12	1	DANGER DECAL (KIT 15845)	131	23130	1	Pivot Sleeve		
39	10390	2	Clip Pin (1/8 x 2)	85	15845-13	1	DANGER DECAL (KIT 15845)	132	23131	1	End Cap Weldment		
40	10393	2	Universal Clip Pin	86	15845-14	1	DANGER DECAL (KIT 15845)	133	23136	1	Pressure Flange		
41	10469	2	HITCH PIN (4-1/4" CAT. 1)	87	15845-15	1	DANGER DECAL (KIT 15845)	134	23157	1	RETURN HOSE, 3/4 X 42"		
42	10501	1	FLOW EZY BREATHER	88	15845-16	2	DANGER DECAL (KIT 15845)	135	23335	1	Weldment, Oil Tank		
43	10601	1	Driveshaft	89	15845-2	1	DANGER DECAL (KIT 15845)	136	23345	1	Head Mounting Bracket Weldment		
44	10646	1	Grease	90	15845-3	2	WARNING DECAL (KIT 15845)	137	24419	1	Assembly, Hitch Frame EV1442		
45	11005	1	Decal, Warning - Thrown Objects	91	15845-8	1	DANGER DECAL (KIT 15845)	138	24425	1	Weldment, Deck		
46	11010	3	Large Hardee Logo Decal	92	15845-9	1	WARNING DECAL (KIT 15845)	139	24448	1	Weldment, Hose Guard EV/MR1442		
47	11032	1	Small Hardee Logo Decal	93	15852	2	Red Reflector Decal	All Dimensions in Inches Unless Otherwise Specified Dimensions in [] are in Millimeters Tolerance Unless Otherwise Specified Fractional Dimensions ± 1/16" Decimal Dim. to Limits Shown Angular Dimensions ± 1° All Holes to be 1/8, 1/32"					
48	11283	2	12-M-JIC X 12-F-JIC 45 DEGREE SWIVEL ELBOW	94	15853	2	Yellow Reflector Decal						
49	11675	1	Return Filter Assembly	95	15854	1	Manual Holder						
				96	15860	2	U-Nut, 1/4"-20						

Note:
This list of components is strictly to be viewed as a "BILL OF MATERIALS" of the "COMPLETE" mower. It is not related to any illustration.

MODELED BY	TBB	10/10/17	HARDEE BY EVH MFG. CO. LORIS S.C.			
DRAWN BY	CKN	01/26/12				
MATERIAL		R.M.N.	DESCRIPTION		SHEET 1 of 9	
		N/A				
		EV1442 COMPLETE				
Manufactured By: EVH Mfg. Co., LLC			DO NOT SCALE	B DWG SIZE	DWG. NO.	24620

EV1442 Complete

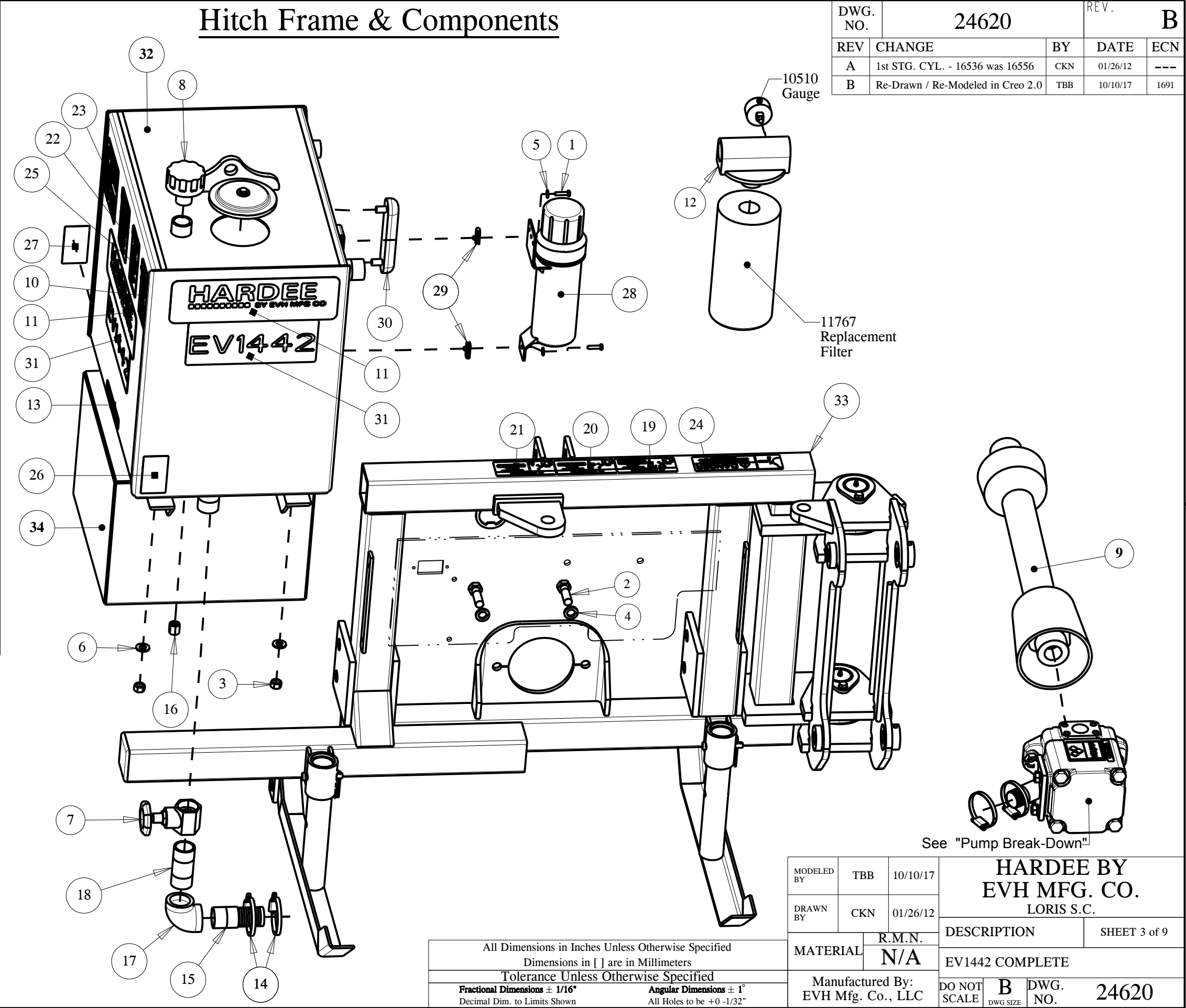
DWG. NO.	24620		REV. B	
REV	CHANGE	BY	DATE	ECN
A	1st STG. CYL. - 16536 was 16556	CKN	01/26/12	---
B	Re-Drawn / Re-Modeled in Creo 2.0	TBB	10/10/17	1691



MODELED BY	TBB	10/10/17	HARDEE BY EVH MFG. CO. LORIS S.C.	
DRAWN BY	CKN	01/26/12		
MATERIAL		R.M.N. N/A	DESCRIPTION	SHEET 2 of 9
Manufactured By: EVH Mfg. Co., LLC		DO NOT SCALE	B DWG SIZE	DWG. NO. 24620

All Dimensions in Inches Unless Otherwise Specified Dimensions in [] are in Millimeters Tolerance Unless Otherwise Specified	
Fractional Dimensions ± 1/16" Decimal Dim. to Limits Shown	Angular Dimensions ± 1° All Holes to be +0 -1/32"

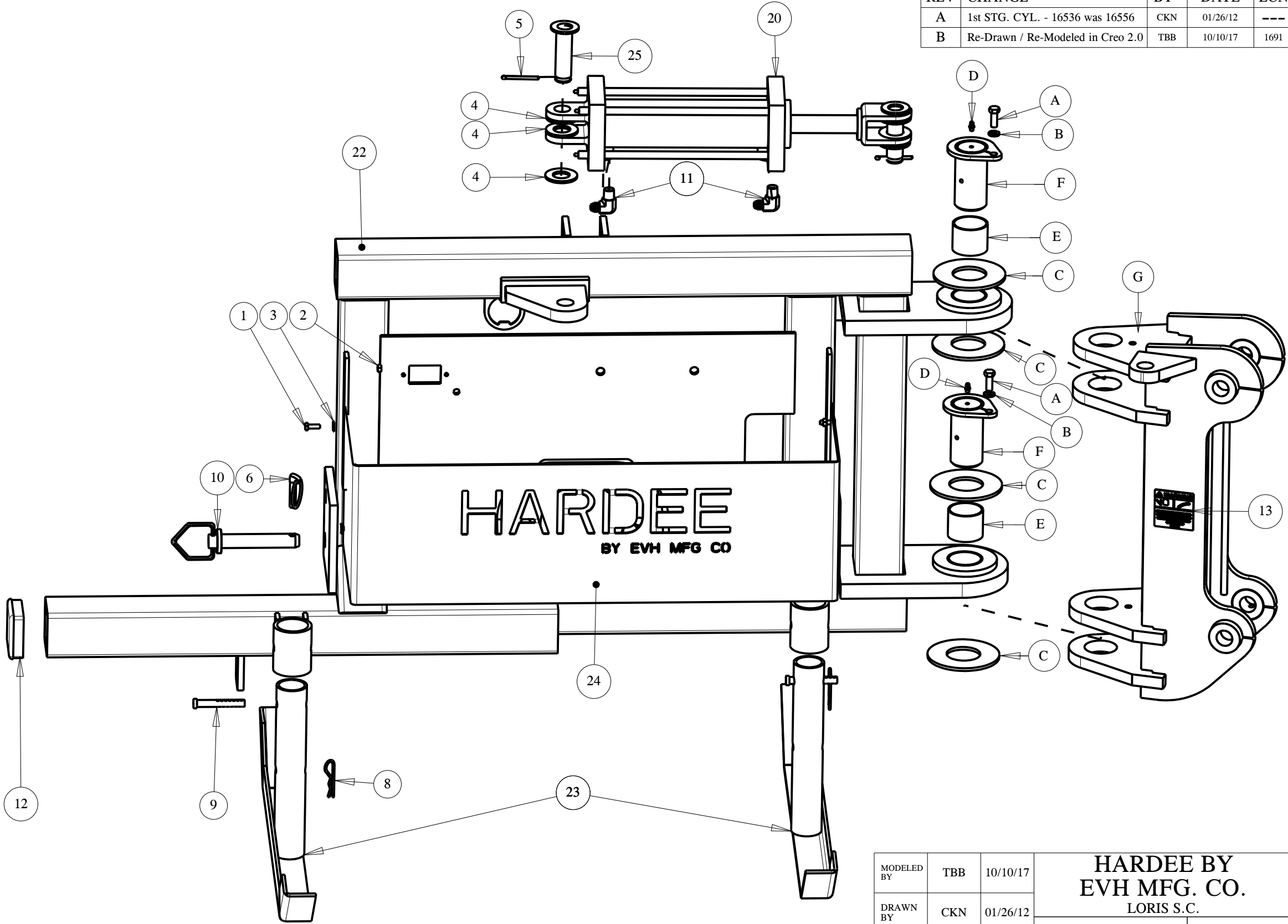
Item	Part Number	Qty.	Description
1	10002	2	Hex Bolt, 1/4"-20 X 1" Gr.5 Plated
2	10092	2	Hex Bolt 5/8 x 2 gr.5 plated
3	10176	4	1/2" Locknut (Gr.5 Plated)
4	10185	2	Lockwasher 5/8" Plated
5	10200	2	1/4" Plated Flatwasher
6	10204	4	1/2 Flatwasher (Plated)
7	10368	1	1-1/4" Gate Valve
8	10501	1	FLOW EZY BREATHER
9	10601	1	Driveshaft
10	11005	1	Decal, Warning - Thrown Objects
11	11010	3	Large Hardee Logo Decal
12	11675	1	Return Filter Assembly
13	11850	1	Web Site Decal
14	13535	4	STAINLESS STEEL CLAMP, 1-1/2" TO 1-3/4"
15	13563	1	1-1/4"-M-NPT X 1-1/2" Metal Hose Barb
16	13632	1	1/4" NPT Metal Cap
17	13697	1	1-1/4" NPT Female Threaded Elbow
18	13778	1	1-1/4" X 3-1/2" Long NPT Nipple
19	15845-12	1	DANGER DECAL (KIT 15845)
20	15845-13	1	DANGER DECAL (KIT 15845)
21	15845-14	1	DANGER DECAL (KIT 15845)
22	15845-15	1	DANGER DECAL (KIT 15845)
23	15845-16	1	DANGER DECAL (KIT 15845)
24	15845-8	1	DANGER DECAL (KIT 15845)
25	15845-9	1	WARNING DECAL (KIT 15845)
26	15852	1	Red Reflector Decal
27	15853	1	Yellow Reflector Decal
28	15854	1	Manual Holder
29	15860	2	U-Nut, 1/4"-20
30	16100	1	Sight Gauge 5", With Thermometer
31	16805	3	DECAL, MODEL EV1442
32	23335	1	Weldment, Oil Tank
33	24419	1	Assembly, Hitch Frame EV1442
34	24475	1	Weldment, Weight Box EV/MR1442



Item	Part Number	Qty.	Description
1	10001	4	Hex Bolt, 1/4" X 3/4" Gr.5 Plated
2	10153	4	Lock Nut, 1/4" Plated
3	10200	4	1/4" Plated Flatwasher
4	10207	6	Flatwasher, 1" plated
5	10252	2	Cotter Pin 3/16" X 2" Plated
6	10346	2	3 pt. Snap Pin (Lynch Pin)
7	10382	2	Hose Assy., 3/8" x 104" w/6-F-JIC Both Ends
8	10390	2	Clip Pin (1/8 x 2)
9	10393	2	Universal Clip Pin
10	10469	2	HITCH PIN (4-1/4" CAT. 1)
11	11872	2	6-M-NPT X 6-M-JIC 90 Deg. Elbow
12	15465	1	Tubing Insert, 3" Sqr. X 5-8 Gage
13	15845-11	2	WARNING DECAL (KIT 15845)
14	15980	2	3/8" x 96" Pressure Hose W/12-M-JIC
15	15982	1	Hose Assy, 3/8" X 119" LG. w/6-F-JIC Swivel Both Ends
16	15983	1	Hose Assy, 3/8" X 43" LG. w/6-F-JIC Swivel Both Ends
17	15984	1	Pressure Hose, 3/8" X 69" LG. W/6-F-JIC Swivel Both Ends
18	16181	1	
19	16312	1	Hose Assy, 3/4" X 19" LG. w/12-F-JIC Swivel Both Ends
20	16752	1	2-1/2" Cylinder (20-1/4" to 30-1/4")
21	22841	1	1-1/2" x 27" Suction Hose
22	24419	1	Assembly, Hitch Frame EV1442
23	24485	2	Weldment, Stand - Angle Foot
24	24517	1	Cover, Pump EV1442
25	25724	2	WELDMENT, Cylinder Pin

Hitch Frame & Swing Arm

DWG. NO.	24620			REV.		B
REV	CHANGE		BY	DATE	ECN	
A	1st STG. CYL. - 16536 was 16556		CKN	01/26/12	---	
B	Re-Drawn / Re-Modeled in Creo 2.0		TBB	10/10/17	1691	



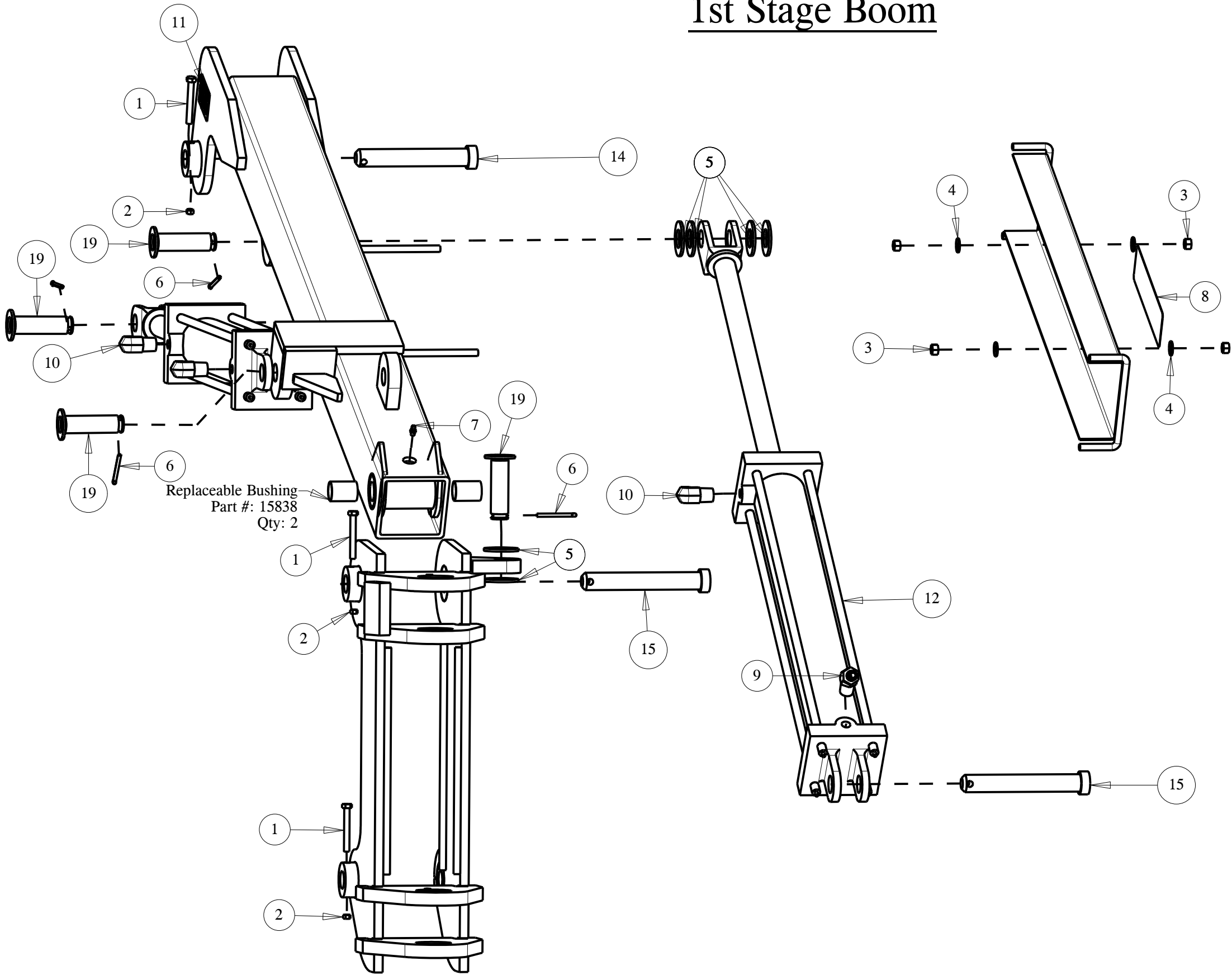
Swing Arm B.O.M.

Item	Part Number	Qty.	Description
A	10031	2	Hex Bolt 3/8" x 1" Gr.5 Plated
B	10182	2	Lockwasher 3/8" Plated
C	10216	4	2" Type "A" Plain Washer (4-1/2" x 2-1/8", 3/16" THICK)
D	10322	2	1/4" Grease Fitting
E	15839	2	2" X 1-3/4" Bearing
F	22888	2	Pin Weldment (2" Dia.)
G	24442	1	Swing Arm Weldment

All Dimensions in Inches Unless Otherwise Specified	
Dimensions in [] are in Millimeters	
Tolerance Unless Otherwise Specified	
Fractional Dimensions ± 1/16"	Angular Dimensions ± 1°
Decimal Dim. to Limits Shown	All Holes to be +0 -1/32"

MODELED BY	TBB	10/10/17	HARDEE BY EVH MFG. CO. LORIS S.C.			
DRAWN BY	CKN	01/26/12				
MATERIAL		R.M.N.	DESCRIPTION		SHEET 4 of 9	
		N/A				
		EV1442 COMPLETE				
Manufactured By: EVH Mfg. Co., LLC			DO NOT SCALE	B DWG SIZE	DWG. NO.	24620

1st Stage Boom



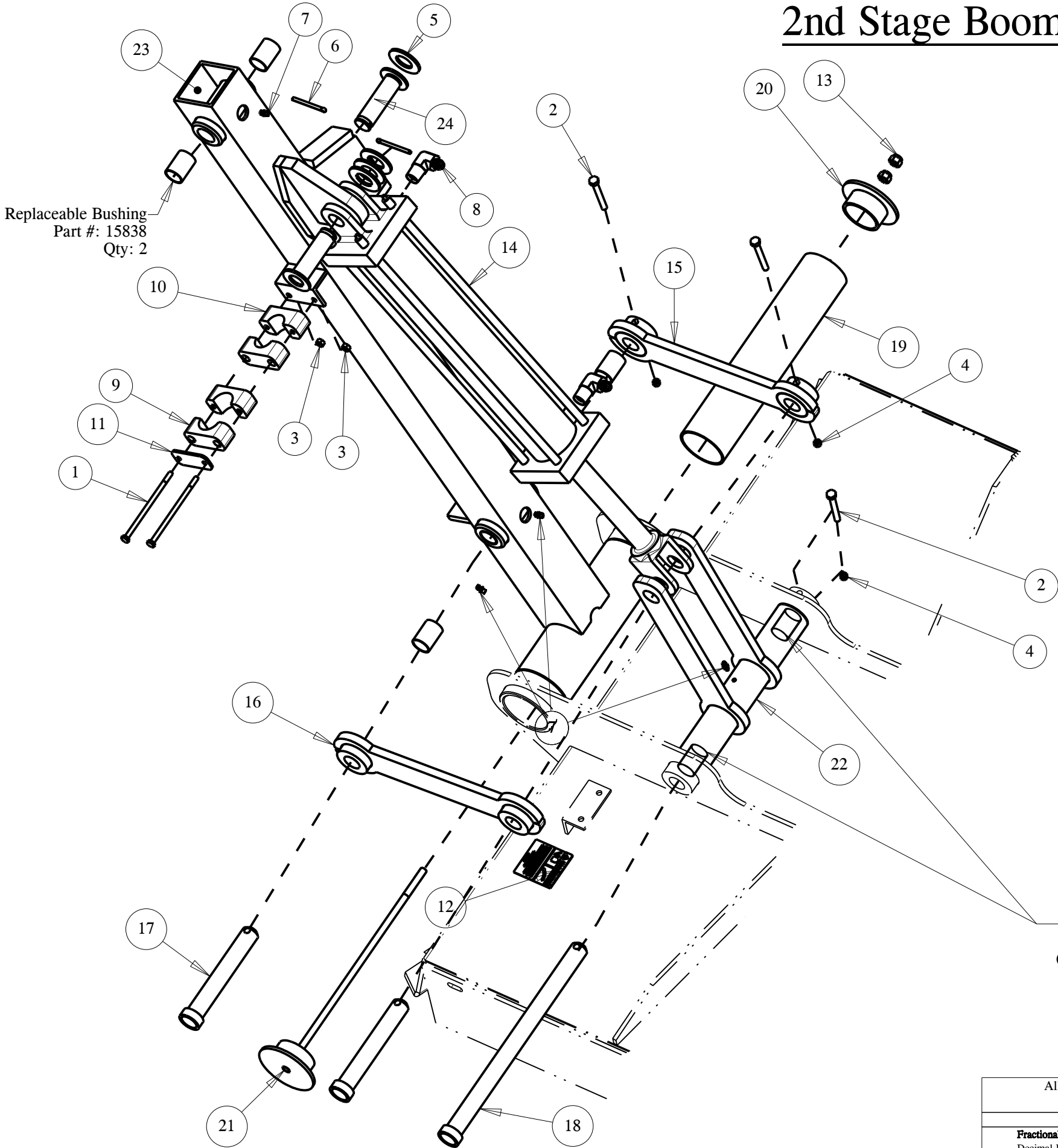
DWG. NO.	24620		REV. B		
			REV	CHANGE	BY
A	1st STG. CYL. - 16536 was 16556		CKN	01/26/12	---
B	Re-Drawn / Re-Modeled in Creo 2.0		TBB	10/10/17	1691

Item	Part Number	Qty.	Description
1	10020	3	Hex Bolt 5/16" X 2 1/2" gr.5 Plated
2	10154	3	Lock Nut 5/16"-18 Plated
3	10175	4	3/8"-16 Locknut (Gr.5 Plated)
4	10202	4	3/8" Flatwasher (Plated)
5	10207	9	Flatwasher, 1" plated
6	10252	4	Cotter Pin 3/16" X 2" Plated
7	10322	1	1/4" Grease Fitting, 1/4"-28 Threaded
8	11032	1	Small Hardee Logo Decal
9	11874	1	8-M-NPT X 6-M-JIC 45 Deg. Elbow
10	13905	3	6-M-JIC X 8-M-NPT 90 Deg. Elbow
11	15845-3	2	WARNING DECAL (KIT 15845)
12	16536	1	3-1/2" Cylinder (32-1/4" to 54-1/4")
13	16746	1	CYLINDER, 3 X 17"
14	22884	1	Pin Weldment
15	22896	2	Pin Weldment (7-3/8")
16	24419	1	Assembly, Hitch Frame EV1442
17	24448	1	Weldment, Hose Guard EV/MR1442
18	24483	1	First Stage Boom Weldment, EV/MR1442
19	25724	4	WELDMENT, Cylinder Pin

All Dimensions in Inches Unless Otherwise Specified
Dimensions in [] are in Millimeters
Tolerance Unless Otherwise Specified
Fractional Dimensions ± 1/16"
Decimal Dim. to Limits Shown
Angular Dimensions ± 1°
All Holes to be +0 -1/32"

MODELED BY	TBB	10/10/17	HARDEE BY EVH MFG. CO. LORIS S.C.	
DRAWN BY	CKN	01/26/12		
MATERIAL		R.M.N. N/A	DESCRIPTION	SHEET 5 of 9
Manufactured By: EVH Mfg. Co., LLC		DO NOT SCALE	B DWG SIZE	DWG. NO. 24620

2nd Stage Boom



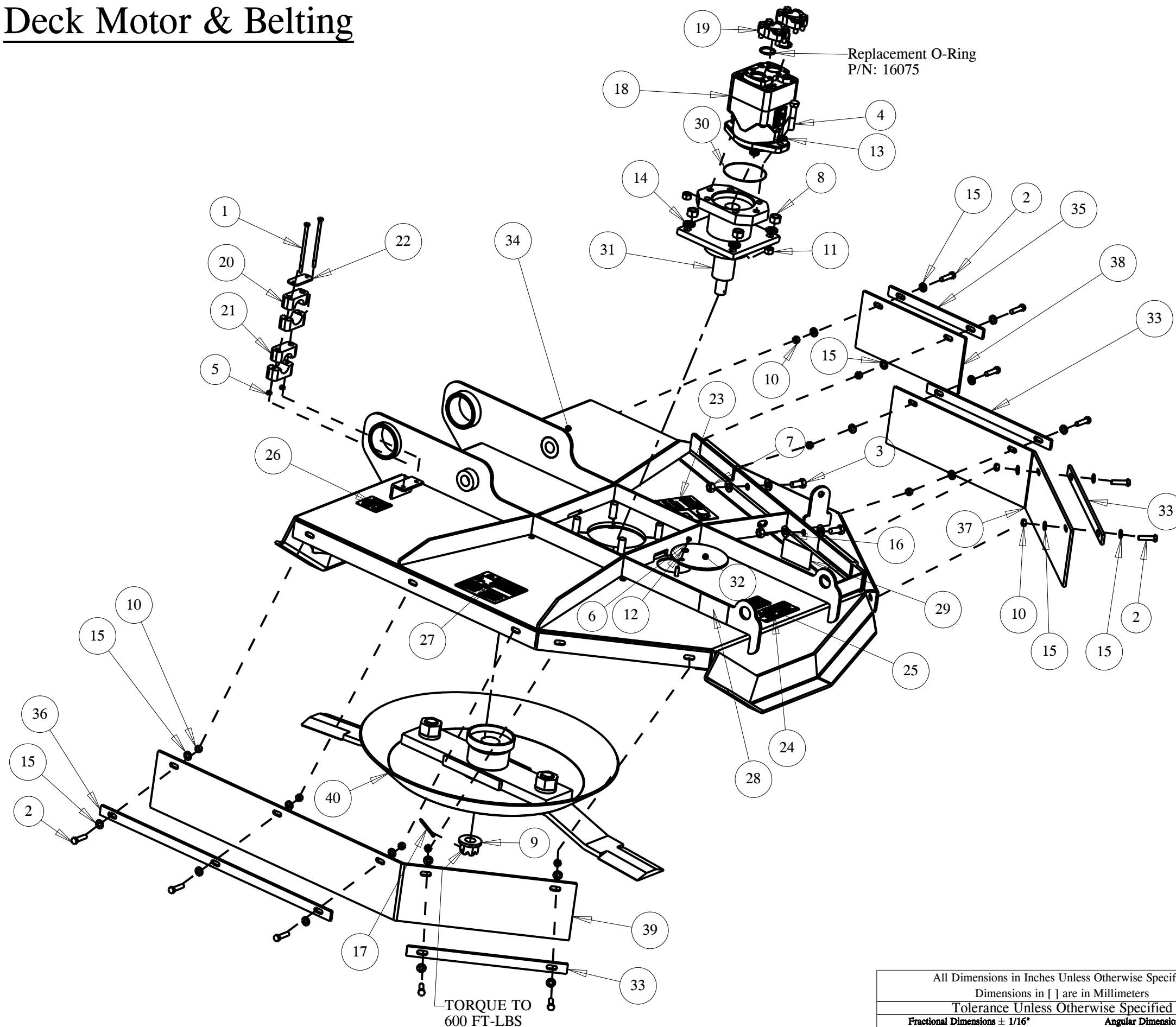
DWG. NO.	24620		REV. B	
REV	CHANGE	BY	DATE	ECN
A	1st STG. CYL. - 16536 was 16556	CKN	01/26/12	---
B	Re-Drawn / Re-Modeled in Creo 2.0	TBB	10/10/17	1691

Item	Part Number	Qty.	Description
1	10010	2	1/4"-20 x 5" Grade 5 Zinc Finish Hex Bolt
2	10020	3	Hex Bolt 5/16" X 2 1/2" gr.5 Plated
3	10153	2	Lock Nut, 1/4" Plated
4	10154	3	Lock Nut 5/16"-18 Plated
5	10207	4	Flatwasher, 1" plated
6	10252	2	Cotter Pin 3/16" X 2" Plated
7	10322	4	1/4" Grease Fitting, 1/4"-28 Threaded
8	13905	2	6-M-JIC X 8-M-NPT 90 Deg. Elbow
9	15251	1	1" Hose Clamp Body (SET OF 2)
10	15252	1	3/4" Hose Clamp Body (SET OF 2)
11	15255	1	Hose Clamp Cover Plate
12	15845-11	1	WARNING DECAL (KIT 15845)
13	16138	2	Lock Nut 7/16"-14 NC with Nylon Insert
14	16745	1	3" Cylinder (24-1/4" to 38-1/4")
15	22880	1	Linkage Weldment (with holes)
16	22881	1	Linkage Weldment (without holes)
17	22884	2	Pin Weldment
18	22917	1	Pin Weldment (14-3/4")
19	23130	1	Pivot Sleeve
20	23131	1	End Cap Weldment
21	23345	1	Head Mounting Bracket Weldment
22	24460	1	Weldment, Deck Clevis EV/MR1442
23	24482	1	Second Stage Boom Weldment, EV/MR1442
24	25724	2	WELDMENT, Cylinder Pin

All Dimensions in Inches Unless Otherwise Specified	
Dimensions in [] are in Millimeters	
Tolerance Unless Otherwise Specified	
Fractional Dimensions ± 1/16"	Angular Dimensions ± 1°
Decimal Dim. to Limits Shown	All Holes to be +0 -1/32"

MODELED BY	TBB	10/10/17	HARDEE BY EVH MFG. CO. LORIS S.C.	
DRAWN BY	CKN	01/26/12		
MATERIAL		R.M.N. N/A	DESCRIPTION	SHEET 6 of 9
Manufactured By: EVH Mfg. Co., LLC		DO NOT SCALE	B DWG SIZE	DWG. NO. 24620

Deck Motor & Belting



DWG. NO.	24620		REV.		B
REV	CHANGE	BY	DATE	ECN	
A	1st STG. CYL. - 16536 was 16556	CKN	01/26/12	---	
B	Re-Drawn / Re-Modeled in Creo 2.0	TBB	10/10/17	1691	

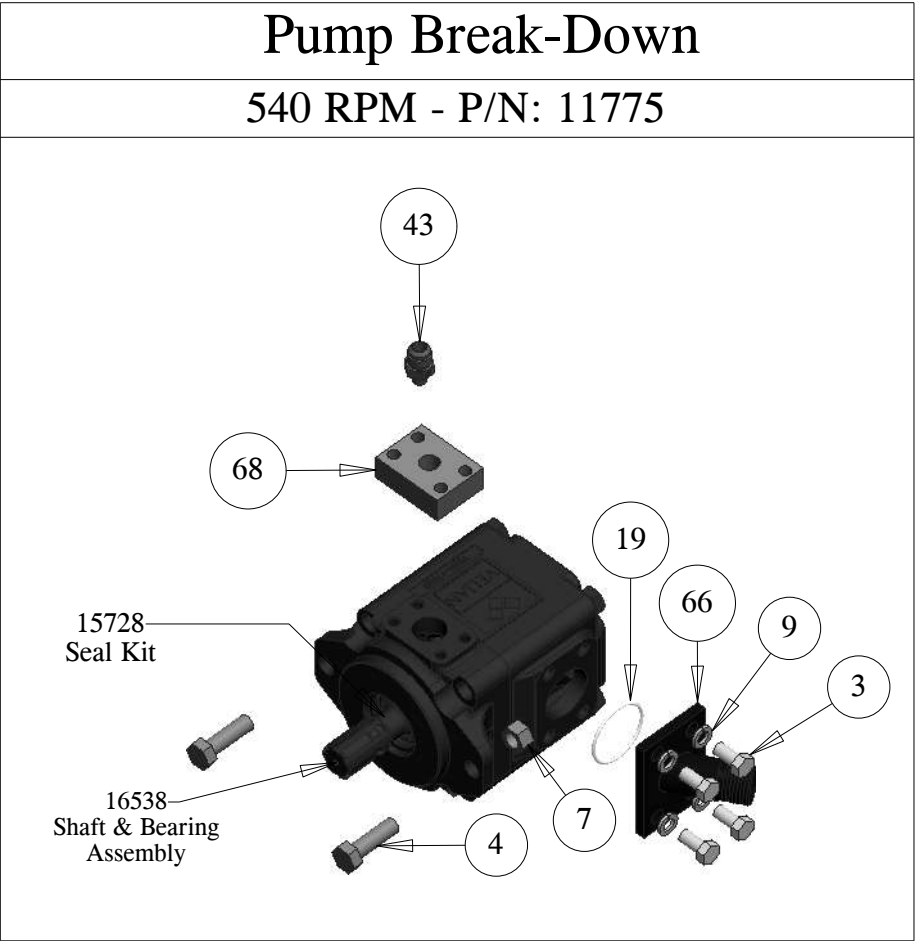
Item	Part Number	Qty.	Description
1	10010	2	1/4"-20 x 5" Grade 5 Zinc Finish Hex Bolt
2	10032	11	Hex Bolt 3/8 x 1-1/2 gr.5 plated
3	10071	2	Hex Bolt 1/2 x 1 gr.5 plated
4	10074	2	Hex Bolt 1/2 x 2-1/2 gr.5 plated
5	10153	2	Lock Nut, 1/4" Plated
6	10154	1	Lock Nut 5/16"-18 Plated
7	10164	2	1/2" Hex Nut (Gr.5 Plated)
8	10166	4	Lock Nut 5/8"-11 plated
9	10173	1	1" Castle Flange Nut
10	10175	11	3/8"-16 Locknut (Gr.5 Plated)
11	10176	2	1/2" Locknut (Gr.5 Plated)
12	10181	1	Lockwasher 5/16" plated
13	10184	2	Lockwasher 1/2 plated
14	10185	4	Lockwasher 5/8" Plated
15	10202	22	3/8" Flatwasher (Plated)
16	10204	4	1/2 Flatwasher (Plated)
17	10252	1	Cotter Pin 3/16" X 2" Plated
18	11847	1	Hydraulic Vane Motor
19	11877	2	Pressure Flange Set (#16 Cd. 61)
20	15251	1	1" Hose Clamp Body (SET OF 2)
21	15252	1	3/4" Hose Clamp Body (SET OF 2)
22	15255	1	Hose Clamp Cover Plate
23	15338	1	Danger Decal, Exposed Blades
24	15845-1	1	DANGER DECAL (KIT 15845)
25	15845-10	1	WARNING DECAL (KIT 15845)
26	15845-11	1	WARNING DECAL (KIT 15845)
27	15845-16	1	DANGER DECAL (KIT 15845)
28	15852	1	Red Reflector Decal
29	15853	1	Yellow Reflector Decal
30	16500	1	O-Ring
31	16546	1	Hydraulic Motor Housing Assembly
32	20031	1	Access Cover
33	22902	3	Rubber Shield Flat For 42" Decks
34	24425	1	Weldment, Deck
35	24466	1	Flat, Rubber Shield Left-Short
36	24467	1	Flat, Rubber Shield Right
37	24468	1	Shielding, Deck Hinge
38	24469	1	Shielding, Rubber Short
39	24470	1	Shielding, Rubber Right
40	26950	1	Blade Holder Assembly For 42" Decks

MODELED BY		TBB	10/10/17	HARDEE BY EVH MFG. CO. LORIS S.C.		
DRAWN BY		CKN	01/26/12			
MATERIAL		R.M.N.		DESCRIPTION	SHEET 7 of 9	
		N/A		EV1442 COMPLETE		
Manufactured By: EVH Mfg. Co., LLC				DO NOT SCALE	B DWG. SIZE	DWG. NO. 24620

Hydraulic Schematic For EV1442

Item	Part Number	Qty.	Description				
1	10006	2	Hex Bolt 1/4" x 3" gr.5 plated				
2	10041	2	HEX BOLT (3/8" X 6" GR. 5 PLATED)	39	13778	1	1-1/4" X 3-1/2" Long NPT Nipple
3	10071	4	Hex Bolt 1/2 x 1 gr.5 plated	40	13902	8	STRAIGHT, 6-M-JIC X 8-M-ORB
4	10092	2	Hex Bolt 5/8 x 2 gr.5 plated	41	13905	5	6-M-JIC X 8-M-NPT 90 Deg. Elbow
5	10135	2	HEX BOLT(M6x1x20MM GR.5 ZINC)	42	13976	1	12-M-JIC X 12-M-NPT 90 Deg. Elbow
6	10153	2	Lock Nut, 1/4" Plated	43	13978	1	STRAIGHT, 12-M-JIC X 12-M-NPT
7	10166	2	Lock Nut 5/8"-11 plated	44	15268	2	FITTING, 3/4" HB X 12-F-JIC
8	10175	2	3/8"-16 Locknut (Gr.5 Plated)	45	15845	1	Hydraulic Decal Kit
9	10184	4	Lockwasher 1/2 plated	46	15910	46	HOSE SLEEVE
10	10185	2	Lockwasher 5/8" Plated	47	15980	2	3/8" x 96" Pressure Hose W/12-M-JIC
11	10200	4	1/4" Plated Flatwasher	48	15982	1	Hose Assy, 3/8" X 119" LG. w/6-F-JIC Swivel Both Ends
12	10202	2	3/8" Flatwasher (Plated)	49	15983	1	Hose Assy, 3/8" X 43" LG. w/6-F-JIC Swivel Both Ends
13	10335	1	Hardee Red Paint - (Not Shown)	50	15984	1	Pressure Hose, 3/8" X 69" LG. W/6-F-JIC Swivel Both Ends
14	10336	1	Gear Oil [85W-140] - (Not Shown)	51	16065	1	CONTROL VALVE & Joy Stick Kit
15	10368	1	1-1/4" Gate Valve	52	16070	8	ELBOW, 3/8"- 90Deg. Swivel Nut - 37Deg. Flare / 37Deg. Swivel
16	10373	1	Hydraulic Oil	53	16077	2	Straight Fitting - 1"
17	10382	2	Hose Assy., 3/8" x 104" w/6-F-JIC Both Ends	54	16086	4	Reducer 37 Deg. Flare (16-12 TRTXN-S)
18	10386	1	O-ring	55	16181	1	
19	10387	1	O-ring	56	16191	2	16-M-JIC X 16-M-NPT 90 Deg. Elbow
20	10501	1	FLOW EZY BREATHER	57	16278	1	JOYSTICK , HR2360 / LR50160
21	10646	1	Grease	58	16312	1	Hose Assy, 3/4" X 19" LG. w/12-F-JIC Swivel Both Ends
22	11010	1	Large Hardee Logo Decal	59	16496	1	CONTROLLER, MC 024 020 for 16065
23	11283	2	12-M-JIC X 12-F-JIC 45 DEGREE SWIVEL ELBOW	60	16536	1	3-1/2" Cylinder (32-1/4" to 54-1/4")
24	11675	1	Return Filter Assembly	61	16745	1	3" Cylinder (24-1/4" to 38-1/4")
25	11775	1	Hydraulic 540RPM Pump	62	16746	1	CYLINDER, 3 X 17"
26	11847	1	Hydraulic Vane Motor	63	16752	1	2-1/2" Cylinder (20-1/4" to 30-1/4")
27	11860	10	TIE STRAP, (14" LG.) (100/PK)	64	16775	1	ELBOW, Swivel Nut - 3/4" 90 Deg.,
28	11862	1	3/8" X 25" Pressure Hose W/ 6-F-JIC Swivel Both Ends	65	16805	1	DECAL, MODEL EV1442
29	11863	1	3/8" X 26" Pressure Hose W/ 6-F-JIC Swivel Both Ends	66	22833	1	Fluid Connector
30	11868	1	3/8" X 135" Pressure Hose W/ 6-F-JIC Swivel Both Ends	67	22841	1	1-1/2" x 27" Suction Hose
31	11869	2	3/4" X 96" Pressure Hose W/ 12-F-JIC Swivel Both Ends	68	23136	1	Pressure Flange
32	11872	2	6-M-NPT X 6-M-JIC 90 Deg. Elbow	69	23157	1	RETURN HOSE, 3/4 X 42"
33	11874	1	8-M-NPT X 6-M-JIC 45 Deg. Elbow	70	23335	1	Weldment, Oil Tank
34	13532	2	CLAMP, SIZE 3/4" TO 1-3/4" X 9/16"				
35	13535	4	STAINLESS STEEL CLAMP, 1-1/2" TO 1-3/4"				
36	13563	1	1-1/4"-M-NPT X 1-1/2" Metal Hose Barb				
37	13697	1	1-1/4" NPT Female Threaded Elbow				
38	13757	1	20-M-NPT X 16-F-NPT Reducer				

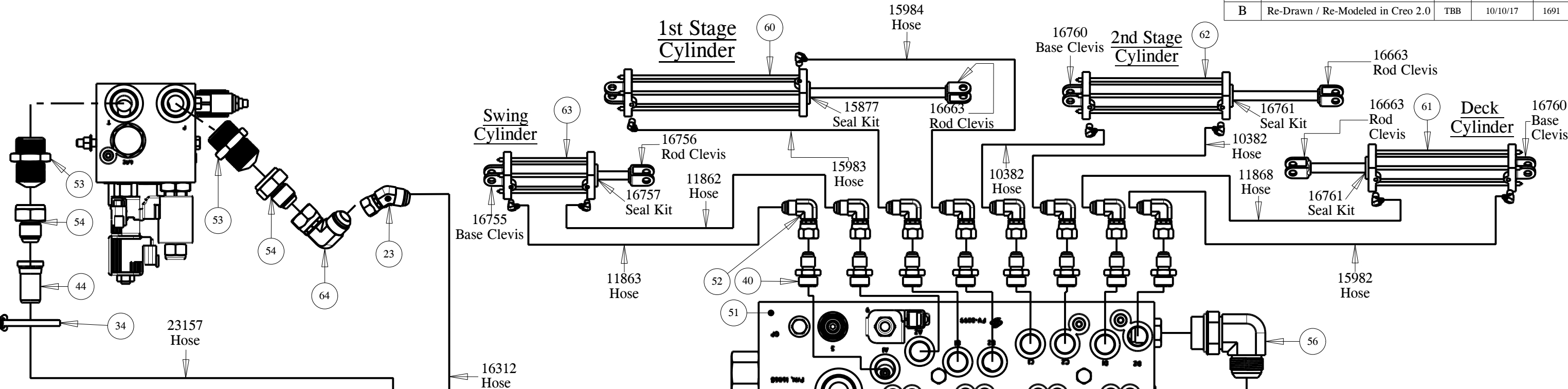
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REV	CHANGE		BY	DATE	ECN
A	1st STG. CYL. - 16536 was 16556		CKN	01/26/12	---
B	Re-Drawn / Re-Modeled in Creo 2.0		TBB	10/10/17	1691



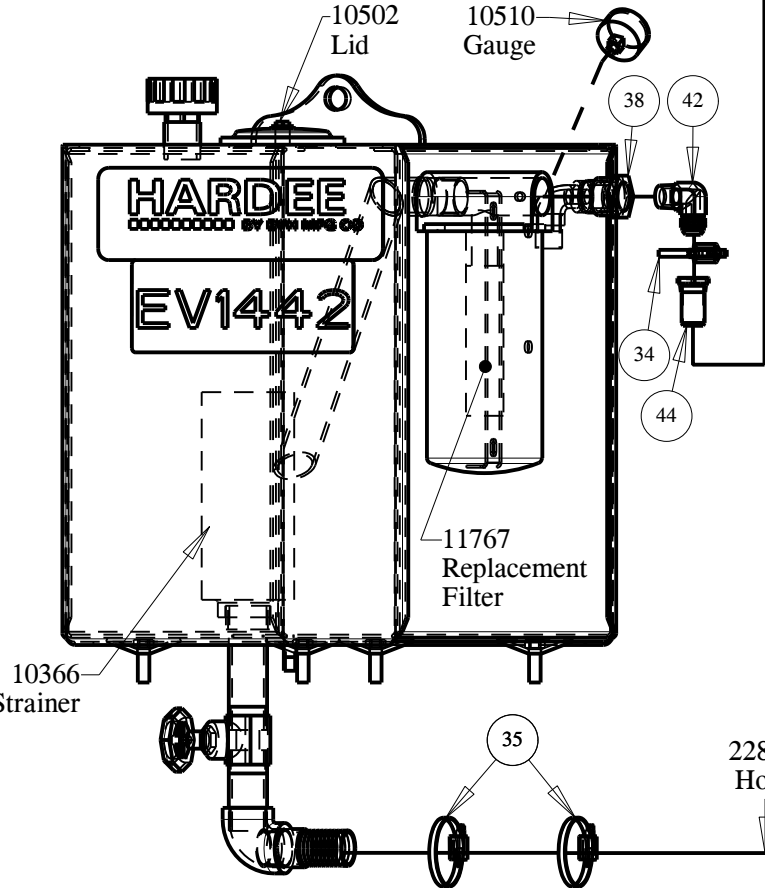
		MODELED BY		TBB	10/10/17	HARDEE BY EVH MFG. CO. LORIS S.C.			
		DRAWN BY		CKN	01/26/12				
All Dimensions in Inches Unless Otherwise Specified Dimensions in [] are in Millimeters Tolerance Unless Otherwise Specified		MATERIAL		R.M.N.		DESCRIPTION		SHEET 8 of 9	
				N/A		EV1442 COMPLETE			
		Manufactured By: EVH Mfg. Co., LLC		DO NOT SCALE		B DWG. NO.	24620		
Fractional Dimensions ± 1/16" Decimal Dim. to Limits Shown									

Hydraulic Schematic For EV1442

Cylinders



Oil Tank



NOTES (NOT SHOWN)

- 10336 - Gear Oil, Motor Housing
- 10373 - Hydraulic Oil

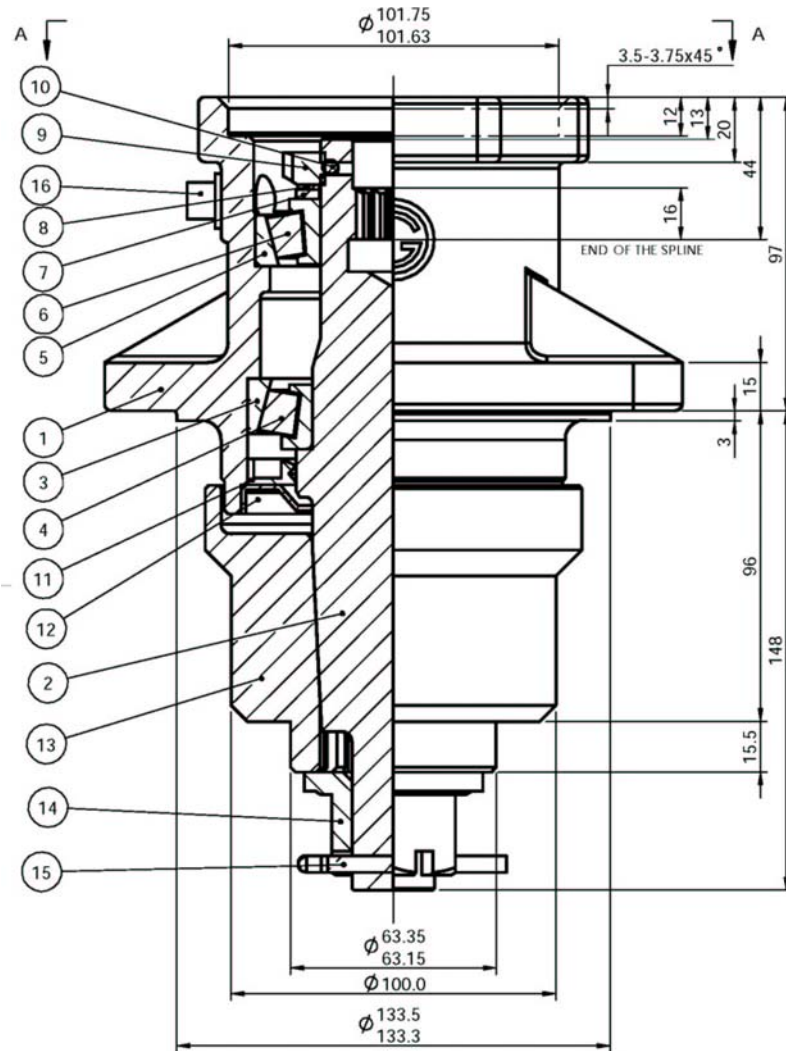
DWG. NO.	24620		REV.	B
REV	CHANGE	BY	DATE	ECN
A	1st STG. CYL. - 16536 was 16556	CKN	01/26/12	---
B	Re-Drawn / Re-Modeled in Creo 2.0	TBB	10/10/17	1691

All Dimensions in Inches Unless Otherwise Specified
Dimensions in [] are in Millimeters
Tolerance Unless Otherwise Specified
Fractional Dimensions $\pm 1/16"$
Decimal Dim. to Limits Shown
Angular Dimensions $\pm 1^\circ$
All Holes to be $+0 -1/32"$

MODELED BY	TBB	10/10/17	HARDEE BY EVH MFG. CO. LORIS S.C.	
DRAWN BY	CKN	01/26/12		
MATERIAL	R.M.N. N/A	DESCRIPTION		SHEET 9 of 9
Manufactured By: EVH Mfg. Co., LLC		EV1442 COMPLETE		
DO NOT SCALE	B DWG SIZE	DWG. NO.	24620	

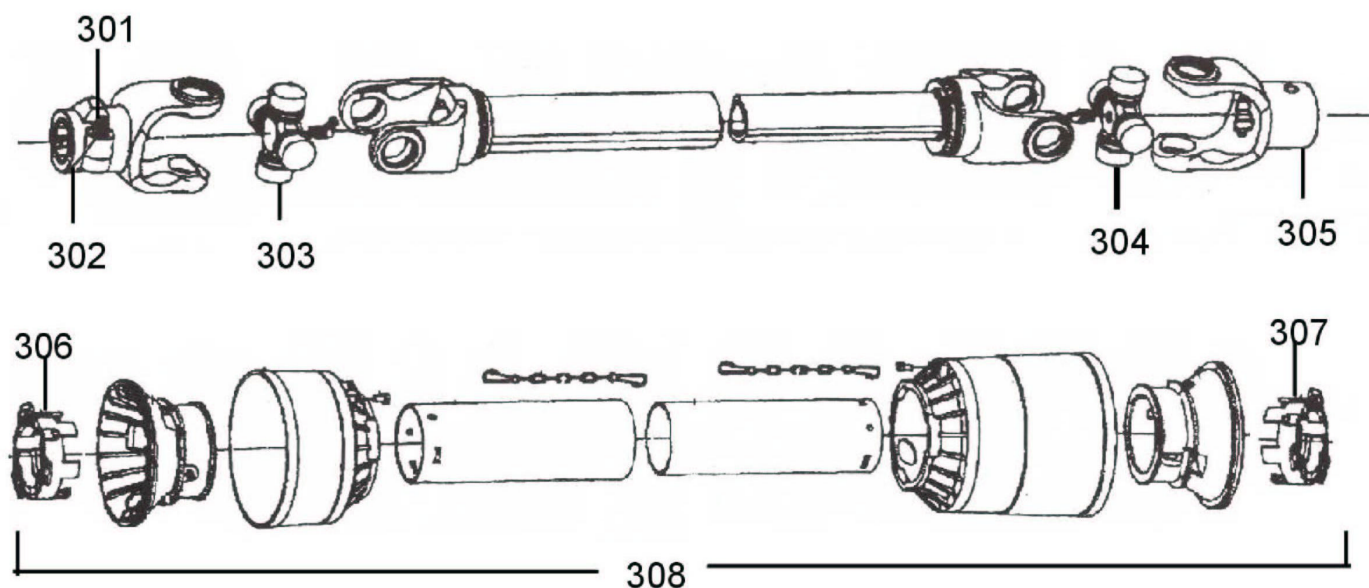
EVB P/N 16546

Hydraulic Motor Housing For MR1442 and LR40142



<u>Key #</u>	<u>Part No.</u>	<u>Description</u>	<u>Key #</u>	<u>Part No.</u>	<u>Description</u>
1	N/A	Housing	9	16481	Locknut
2	N/A	Shaft	10	16480	Set Screw
3	15777	Cup	11	16479	Lip Seal-Output
4	15778	Bearing	12	16478	Seal Protector
5	15779	Cup	13	16472	Blade Hub
6	15780	Bearing	14	10173	Nut, Hex Slotted
7	16482	Washer w/tang	15	10252	Cotter Pin
8	15783	Lockwasher	16	15784	Plug, Pipe

10601 Driveshaft



Key #	Part No.	Description	Key #	Part No.	Description
301	15579	Push pin complete	305	11443	Yoke, Imp end
302	11441	Yoke, Tractor end	306	15804	Shield bearing
303	11200	Cross kit	307	15805	Shield bearing
304	11200	Cross kit	308	11448	Shield kit complete