

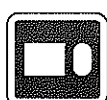
ENGINEERING PARTS LIST



Ingersoll
Ingersoll Tractor Co.
Portland, ME 04103

ENGINEERING PARTS LIST										EPL-1	
INGERSOLL Tractor Co. Portland, ME 04103											
3018-4 3021PS-1 3023-1 4018-4 4021PS-1 4218 4221 4221PS 4223 4223PS											
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ENGINEERING PARTS LIST



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Ingersoll Tractor Co.
Portland, ME 04103

LINE NO.	DWG. NO.	PART NO. & DESCRIPTION	HAND SPD CONT'L				FOOT SPD CONT'L				DATE	RELEASE	NOTES
			3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS	
1	—	C49340 ASSY/FNL: CHASSIS VANG 3000's	1	1							3/23/09		
2	—	C49341 ASSY/FNL: CHASSIS VANG W/PWR STRG 3000PS's		1							3/23/09		
3	—	C49072 ASSY/FNL: CHASSIS VANG 4000's			1						10/3/06		
4	—	C49134 ASSY/FNL: CHASSIS VANG W/PWR STRG 4000'PS's				1					4/3/07		
5	—	C48569 ASSY/FNL: CHASSIS VANG 4200's					1	1	1		6/24/05		
6	—	C48570 ASSY/FNL: CHASSIS VANG W/PWR STRG 4200PS's						1	1	1	6/24/05		
7													
8	A	C42056 SCREW 5/16-18x5/8 BUTT HD HX SOC BLK			1	1							FLOOR PLATE: SQ. HOLE
9	—	192-20 WASHER LOCK 5/16 ZP			1	1							REF: ONLY FUNCTION IS TO COVER UP EMPTY SQUARE HOLE FOR APPEARANCE.
10	—	129-103 NUT 5/16-18 HEX ZP			1	1							
11													
12	B	C49342 WMT/FNL: FRAME & INSTR PANEL 3000's	1	1							3/23/09		
13	B	C49343 WMT/FNL: FRAME & INSTR PANEL 3000PS's		1							3/23/09		
14	B	C48571 WMT/FNL: FRAME & INSTR PANEL 40,4200's			1			1	1	1	6/24/05		
15	B	C48572 WMT/FNL: FRAME & INSTR PANEL 4200PS's						1		1	6/24/05		
16	B	C49135 WMT/FNL: FRAME & INSTR PANEL 4000PS's				1					4/3/07		
17													
18													
19	B	C49344 WMT/SUB: MAIN FRAME 3000's	1	1							3/23/09		
20	B	C49345 WMT/SUB: MAIN FRAME 3000PS's		1							3/23/09		
21	B	C48573 WMT/SUB: MAIN FRAME 40,4200's			1			1	1	1	6/24/05		
22	B	C48574 WMT/SUB: MAIN FRAME 4200PS's						1		1	6/24/05		
23	B	C49136 WMT/SUB: MAIN FRAME 4000PS's				1					4/3/07		REF: SAME AS C48574 EXCEPT FOR STEERING SUPPORT BRACKET
CHANGES			CHANGES				CHANGES				CHANGES		
RFP			ECN	DATE		ECN	DATE						
ADDED 4018-4 HAND SPD CONT'L			9159	6/24/05									PROJ. ENGR. J. MARIO MGR. ENGR. J. MARIO
ADDED 4200's WERE 4000's			9186	10/3/06									WRITTEN BY M. BERNDT DATE 6/24/05
ADDED LNS: 3, 8, 9, 10			9186	10/3/06									MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
ADDED 4021PS-1 HAND SPD CONT'L			9196	4/3/07									GROUP NAME MAIN FRAME WMT
ADDED LNS: 4, 15, 23			9196	4/3/07									BOM P/N: 10M0101 MODEL NO 3,4000's, 4200's
ADDED 3000's, SHT 1 OF 26 WAS 1 OF 21			9209	3/23/09									SHEET 1 OF 26 DIVISION 10M GROUP 1
LNS 14, 15, 16 WERE ON LNS 13, 14, 15			9209	3/23/09									
ADDED LNS 1, 2, 12, 13, 19, 20			9209	3/23/09									

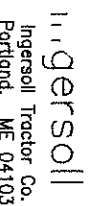


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Portland, ME 04103

LINE NO.	DWG. SIZE	PART NO. & DESCRIPTION	3	30	3	4	40	DATE	NOTES
1	B	C37417 WMT/SUB: FRAME RAIL LH LC (MIG WELD)	1	1	1				
2									
3									
4	-	129-487 NUT WELD 1/2-13 PROJ DOUBLE TAB	1	1	1				
5	B	C37415 WMT/SUB: RAIL, LH LC (SPOT WELD)	1	1	1			7/8/91	
6	B	C31927 RAIL - FRAME LH LC	1	1	1			2/16/88	
7	-	129-440 NUT WELD 5/16-18 SPOT SINGLE TAB	5	5	5				
8	-	129-462 NUT WELD BRACKET 1/4-20 PROJ	1	1	1				
9									
10									
11	A	C31639 TAB - BRAKE SPRING ANCHOR	1	1	1				
12	A	C33132 STRAP - FRAME RAIL w/HOLES	1	1	1			5/10/89	
13									
14	A	C31635 HUB .532 X .750 X 1.00	1	1	1				For parking brake occuator
15	A	C31636 LATCH - BRAKE LEVER	1	1	1				
16									
17									
18									
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21									
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23									
CHANGES			CHANGES			ECN DATE		PROJ. ENGR. J. MARTO	
ADDED 3000's, SHT 2 OF 26 WAS SHT 2 OF 21						9159 8/24/05		MGR. ENGR. J. MARTO	
NEW SHT 4 WAS OLD SHT 2.						9209 3/23/09		WRITTEN BY JHM	
LN 2 DEL. C16372 QTY 1, MOVED TO SHT 4						9209 3/23/09		DATE 6/24/05	
LN 3 DEL. C18773 QTY 1, MOVED TO SHT 4						9209 3/23/09		MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L	
								GROUP NAME MAIN FRAME WMT	
								BOM P/N: 10M0102	
								MODEL NO 3,4000's, 4200's	
								SHEET 2 OF 26	
								DIVISION 10M	
								GROUP 1	

NOTES

RELEASE
DATE



PROJ. ENGR. J. MARTO MGR. ENGR. J. MARTO
WRITTEN BY M. BERNDT DATE 6/24/05
MODEL NAME TRACTOR: HAND or FOOT SPD. CONT'L'L
GROUP NAME MAIN FRAME WMT
BOM P/N: 10M0103 MODEL NO. 3,4000's, 4200's
SHEET 3 OF 26 DIVISION 10M GROUP 1

ENGINEERING PARTS LIST



Ingersoll
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Portland, ME 04103

LINE NO.	DWG. NO.	PART NO. & DESCRIPTION	HAND SPD CONT'L					FOOT SPD CONT'L					DATE	RELEASE	NOTES
			3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS			
1	B	C37128 WMT/SUB: FRAME RAIL LH HC (MIG WELD)					1	1	1	1	1	1	7/8/91		
2															
3															
4	-	129-487 NUT WELD 1/2-13 PROJ DOUBLE TAB					1	1	1	1	1	1			
5	B	C37419 WMT/SUB: RAIL, LH HC (SPOT WELD)					1	1	1	1	1	1	7/8/91		
6	B	C31933 RAIL - FRAME LH					1	1	1	1	1	1	2/16/88		
7	-	129-440 NUT WELD 5/16-18 SPOT SINGLE TAB					5	5	5	5	5	5			
8	-	129-462 NUT WELD BRACKET 1/4-20 PROJ					1	1	1	1	1	1			
9															
10															
11	A	C31639 TAB - BRAKE SPRING ANCHOR					1	1	1	1	1	1			
12	A	C33132 STRAP - FRAME RAIL w/HOLES					1	1	1	1	1	1	5/10/89		
13															
14	A	C31635 HUB .532 X .750 X 1.00					1	1	1	1	1	1			For parking brake occuator
15	A	C31636 LATCH - BRAKE LEVER					1	1	1	1	1	1			
16	A	C47662 PLATE - FILLER, LH RAIL 4000'S					1	1	1	1	1	1	4/17/01		
17															
18															
19															
20															
21	A	C18773 SUPPORT - IMPLEMENT, LC					2	2	2						
22	A	C18772 SUPPORT - IMPLEMENT, HC					2	2	2	2	2	2			
23	A	C16372 HOLDER - PIN					2	2	2	2	2	2			
CHANGES			CHANGES					CHANGES					CHANGES		
RFP		ECN DATE	ECN DATE					ECN DATE					ECN DATE		
ADDED 4018-4 HAND SPD CONT'L		9159 6/24/05													
4200's WERE 4000's		9186 10/3/06													
ADDED 4021PS-1 HAND SPD CONT'L		9196 4/3/07													
LN 2 DEL. WAS C18772 QTY: 1, LN 3 DEL. WAS		9195 12/8/07													
C16372 QTY: 1, LNS 22 & 23 ADDED		9195 12/8/07													
ADDED 3000's, SHT 4 OF 26 WAS 2 OF 21		9209 3/23/09													
ADDED LN 21		9209 3/23/09													

PROJ. ENGR. J. MARTO MGR. ENGR. J. MARTO
 WRITTEN BY M. BERNDT DATE 6/24/05
 MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
 GROUP NAME MAIN FRAME WMT
 BOM P/N: 10M0104 MODEL NO. 3,4000's, 4200's
 SHEET 4 OF 26 DIVISION 10M GROUP 1

ENGINEERING PARTS LIST



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Portland, ME 04103

ENGINEERING PARTS LIST

INGERSOLL
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Portland, ME 04103

LINE DWG. NO. SIZE

PART NO. & DESCRIPTION

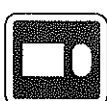
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ENGINEERING PARTS LIST



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ENGINEERING PARTS LIST														HAND SPD CONT'L				FOOT SPD CONT'L				RELEASE		NOTES											
PART NO. & DESCRIPTION														3018-4		3021PS-1		3023-1		4018-4		4021PS-1		4218		4221		4221PS		4223		4223PS		DATE	
LINE NO.	DWG. NO.	SIZE																																	
1																																			
2	B		C14404	PLATE - AXLE PIVOT																															
3	B		C16795	PLATE - REAR AXLE HC																															
4	A		C37215	PLATE - FLOOR 3000's																															
5	A		C15756	BAR - FRAME CROSS 3000's																															
6	B		C23960	REINFORCEMENT - FRAME REAR																															
7	A		C48818	WMT/SUB: FLOOR PLATE & BAR																															
8	A		C48578	BAR - MOUNT, TRAVEL CONTROL																															
9	A		C48740	PLATE - FLOOR HC																															
10	A		C26124	ANGLE - AXLE MOUNT																															
11	A		C13222	BRACKET - REAR TRANSMISSION 3000's																															
12	A		C26125	BRACKET - REAR TRANSMISSION 4000's																															
13	A		C24763	GUSSET - REINFORCING																															
14	A		C47845	MOUNT - ENGINE (VANGUARD)																															
15	A		C48419	WMT/SUB: BRACKET, HYD. STR'G CYL. MT. LC																															
16	A		C48420	WMT/SUB: BRACKET, HYD. STR'G CYL. MT. HC																															
17	A		C48383	STUD 5/8-11 X 2.0																															
18	A		C47843	BRACKET - CYL. MOUNT STRG. LC																															
19	A		C47844	BRACKET - CYL. MOUNT STRG. HC																															
20																																			
21	B		C23905	WMT/SUB: BRAKE ARM MNT																															
21	B		C23901	STRIP - BRAKE MOUNT																															
22	A		C23903	PIN - BRAKE PIVOT																															
CHANGES				ECN	DATE	CHANGES				ECN	DATE	PROJ. ENGR. J. MARIO				MGR. ENGR. J. MARIO																			
LN 7 ADDED, LN 8 WAS ON LN 4,				9159	6/24/05							WRITTEN BY M. BERNDT				DATE 6/24/05																			
LNS 8 & 9 MOVED DOWN 1 LEVEL				9159	1/19/06							MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L																							
ADDED 4018-4 HAND SPD CONT'L,				9186	10/3/06							GROUP NAME MAIN FRAME WMT																							
4200's WERE 4000's				9186	10/3/06																														
ADDED 4021PS-1 HAND SPD CONT'L,				9196	4/3/07																														
ADDED 3000's, SHT 6 OF 26 WAS 4 OF 21				9209	3/23/09							BOM P/N: 10M0106				MODEL NO. 3,4000's, 4200's																			
ADDED LNS 4, 5, 11, 15, 18				9209	3/23/09							SHEET 6 OF 26				DIVISION 10M GROUP 1																			

ENGINEERING PARTS LIST



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ENGINEERING PARTS LIST

LINE	DWG. NO.	SIZE	PART NO. & DESCRIPTION	HAND SPD CONT'L										FOOT SPD CONT'L										DATE	RELEASE	NOTES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS	3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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ENGINEERING PARTS LIST



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ENGINEERING PARTS LIST															HAND SPD CONT'L					FOOT SPD CONT'L					RELEASE		NOTES
LINE NO.	DWG. NO.	PART NO. & DESCRIPTION	3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS	DATE														
1	A	C31955 BAR - ANCHOR (TORQUE ARM)	1	1	1	1	1	1	1	1	1	1	3/1/88														
2																											
3	B	C48579 WMT/SUB: INSTR. TOWER (P.S.)		1			1			1			6/24/05														
4	B	C48580 WMT/SUB: INSTR. TOWER (M.S.)	1		1			1	1	1			6/24/05														
5	B	C48581 TOWER - INSTRUMENT	1	1	1	1	1	1	1	1	1	1	6/24/05														
6	B	C47994 PANEL - INSTRUMENT SUPPORT	1	1	1	1	1	1	1	1	1	1	7/8/02														
7	A	C29313 PIN - LATCH	1	1	1	1	1	1	1	1	1	1															
8	-	129-710 NUT WELD 1/4-20 SPOT SINGLE TAB	10	10	10	10	10	10	10	10	10	10															
9	A	C33528 BRACKET - OIL FILTER	1	1	1	1	1	1	1	1	1	1	9/10/90														
10	A	C48753 PLATE - STEERING TUBE	1		1	1		1	1	1			8/31/05														
11	B	C33531 SUPPORT - STEERING, UPPER		1			1			1		1	9/10/90														
12	B	C33532 SUPPORT - STEERING, LOWER		1			1			1		1															
13	A	C33578 GUSSET - STEERING SUPPORT (UPPER)		1			1			1		1															
14																											
15																											
16	A	C16693 REINFORCEMENT - STEERING COLUMN	1		1	1		1	1	1																	
17	A	C48754 TUBE - 1.12 OD X 9.25 LG	1		1	1		1	1	1			8/31/05														
18	A	C22023 TUBE .344 X .50 X 1.250	2	2	2	2	2	2	2	2	2	2															
19	A	C29581 KEY SQ .187 X 1.0	2	2	2	2	2	2	2	2	2	2															
20																											
21	A	C14730 SPACER - REAR FRAME	2	2	2									BETWEEN FRAME ABOVE TRANSMISSION													
22	A	C27508 PIN - ATTACHING	2	2	2	2	2	2	2	2	2	2		ATT. TO FRONT PLATES ON RAILS													
23	-	131-1318 NUT JAM 1/2-20 HX CTR LK (PLAIN)	2	2	2	2	2	2	2	2	2	2															
CHANGES			CHANGES					CHANGES																			
RFP		ECN DATE	ECN DATE					ECN DATE																			
LN 10 WAS C37130, LN 17 WAS C33939		9159 6/24/05											PROJ. ENGR. J. MARTO MGR. ENGR. J. MARTO														
ADDED 4018-4 HAND SPD CONT'L		9161 8/31/05											WRITTEN BY M. BERNDT DATE 6/24/05														
4200's WERE 4000's		9186 10/3/06											MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L														
ADDED 4021PS-1 HAND SPD CONT'L		9196 4/3/07											GROUP NAME MAIN FRAME WMT: TOWER														
ADDED 3000's, SHT 8 OF 26 WAS 6 OF 21		9209 3/23/09											BOM P/N: 10M0108 MODEL NO 3,4000's, 4200's														
ADDED LN 21		9209 3/23/09											SHEET 8 OF 26 DIVISION 10M GROUP 1														



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HAND SPD CONT'L

FOOT SPD CONT'L



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ENGINEERING PARTS LIST

HAND SPD CONT'L

FOOT SPD CONT'L



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LINE NO.	DWG. NO.	PART NO. & DESCRIPTION	3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS	RELEASE	DATE	NOTES
1	A	C48584 WMT-LH SPINDLE, AXLE LC W/ADJ STOP	1	1	1									10/23/03	SEE NOTE ON R.H. SPINDLE
2	-	195-45 WASHER .812 X 1.469 X .108/.160 PLAIN	1	1	1										
3	A	C18778 ARM - TIE ROD	1	1	1										
4	A	C44966 SPINDLE - FRONT AXLE LC	1	1	1										
5	A	C48446 NUT - ADJUSTABLE STOP	1	1	1									10/23/03	
6															
7	A	C49347 WMT- SPINDLE, RH LC W/P.S. W/ADJ STOP		1										3/23/09	ON FINAL ASSY LINE, ROTATE
8	A	C48445 WMT- SPINDLE, RH LC W/M.S. W/ADJ STOP	1		1									10/23/03	L.H. & R.H. SPINDLES TO MAX. TURN
9	-	195-45 WASHER .812 X 1.469 X .108/.160 PLAIN	1	1	1										
10	A	C18778 ARM - TIE ROD	1	1	1										
11	A	C44966 SPINDLE - FRONT AXLE LC	1	1	1										
12	A	C48446 NUT - ADJUSTABLE STOP	1	1	1									10/23/03	
13	A	C48119 ARM - DRAG ROD (M.S.)	1		1									10/23/03	
14	A	C49348 ARM - DRAG ROD (P.S.)		1										3/23/09	
15															
16															
17	-	113-207 BOLT 3/8-16 X 1 HX HD GR5 ZP	2	2	2										1 EA. TO EACH SPINDLE WMT.
18	-	129-103 NUT 3/8-16 HEX ZP	2	2	2										
19															
20	B	C18812 AXLE - FRONT (LC)	1	1	1										
21	-	C22648 CAST'G: AXLE - FRONT (LC)	1	1	1										
22	-	C22648 MACH'G: AXLE - FRONT (HC)	1	1	1										
23															
CHANGES		ECN	DATE		CHANGES		ECN	DATE		PROJ. ENGR. J. MARIO MGR. ENGR. J. MARIO					
ADDED 3000's, ADDED SHT 11 TO B/M		9209	3/23/09							WRITTEN BY JHM DATE 3/23/09					
LN 1 WAS C45086, LN 7 WAS C45087, LN 8 WAS		9209	3/23/09							MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L					
C45088, LN 5&12 WAS C17061, LN 13 WAS		9209	3/23/09							GROUP NAME FRONT AXLE ASSY: SPINDLES					
C18780, LN 14 WAS C33536		9209	3/23/09							BOM P/N: 10M0111 MODEL NO 3,4000's, 4200's					
ADDED LNS 1, 5, 7, 8, 12-18		9209	3/23/09							SHEET 11 OF 26 DIVISION 10M GROUP 1					

ENGINEERING PARTS LIST



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LINE NO.	DWG. NO.	PART NO. & DESCRIPTION	HAND SPD CONT'L				FOOT SPD CONT'L				DATE	RELEASE	NOTES
			3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS	
1													
2	B	C48584 WMT- SPINDLE, LH (HC)		1	1			1	1	1	1	6/24/05	SEE NOTE ON R.H. SPINDLE
3	B	C31342 SPINDLE - FRONT AXLE HC		1	1			1	1	1	1		
4	A	C42114 ARM - TIE ROD		1	1			1	1	1	1	11/20/91	
5	A	C48741 BAR .50 X .75 X 1.69		1	1			1	1	1	1	6/24/05	
6													
7	B	C48585 WMT- SPINDLE, RH (HC) W/P.S.			1				1		1	6/24/05	ON FINAL ASSY LINE, ROTATE
8	B	C48586 WMT- SPINDLE, RH (HC) W/M.S.		1				1	1	1		6/24/05	L.H. & R.H. SPINDLES TO MAX. TURN
9	B	C31342 SPINDLE - FRONT AXLE (HC)		1	1			1	1	1	1		AND ADJUST STOPS TO .06" GAP.
10	A	C42114 ARM - TIE ROD		1	1			1	1	1	1	11/20/91	
11	A	C48587 ARM - DRAG ROD (M.S.)		1				1	1	1			
12	A	C48741 BAR .50 X .75 X 1.69		1	1			1	1	1	1	6/24/05	
13	A	C48588 ARM - DRAG ROD (P.S.)			1					1		6/24/05	
14	-	113-208 BOLT 3/8-16 X 1-1/4 HX HD GR5 ZP		2	2			2	2	2	2		1 EA. TO EACH SPINDLE WMT.
15	-	129-103 NUT 3/8-16 HEX ZP		2	2			2	2	2	2		
16													
17													
18													
19													
20	B	C40687 AXLE - FRONT (HC)		1	1			1	1	1	1	11/20/91	
21	B	C40685 CAST'G: AXLE - FRONT (HC)		1	1			1	1	1	1		
22	-	C40686 MACH'G: AXLE - FRONT (HC)		1	1			1	1	1	1		
23													
CHANGES			CHANGES				CHANGES				ECN DATE		PROJ. ENGR. J. MARTO MGR. ENGR. J. MARTO WRITTEN BY M. BERNDT DATE 6/24/05 MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L GROUP NAME FRONT AXLE ASSY.: SPINDLES BOM P/N: 10M0112 MODEL NO. 3,4000's, 4200's SHEET 12 OF 26 DIVISION 10M GROUP 1
RFP			9159	6/24/05									
ADDED 4018-4 HAND SPD CONT'L			9186	10/3/06									
4200's WERE 4000's			9186	10/3/06									
ADDED 4021PS-1 HAND SPD CONT'L			9196	4/3/07									
ADDED 3000's, SHT 12 OF 26 WAS 8 OF 21			9209	3/23/09									

ENGINEERING PARTS LIST



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LINE	DWG. NO.	SIZE	PART NO. & DESCRIPTION	HAND SPD CONT'L				FOOT SPD CONT'L				RELEASE DATE	NOTES
				3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS
1													
2	-		192-23 WASHER LOCK 1/2 ZP	2	2	2	2		2	2	2	2	
3	-		129-165 NUT JAM 1/2-20 HX ZP	2	2	2	2		2	2	2	2	
4	A		C11906 WASHER - THRUST .81 X 1.50 X .135	4	4								
5	A		C13716 WASHER - THRUST 1.02 X 1.50 X .135			4	4		4	4	4	4	
6	-		219-404 FIT'G - GREASE ZERK 45 D 3/16 DRIV ON	1	1	1	1		1	1	1	1	
7	-		219-17 FIT'G - GREASE ZERK STRAIGHT 3/16 DRIV ON	2	2	2	2		2	2	2	2	
8	A		C13106 COVER - GREASE FITTING	3	3	3	3		3	3	3	3	
9	A		C28323 RING - RETAINING .687 ID X .078	2	2								
10	A		C27902 RING - RETAINING			2	2		2	2	2	2	
11													
12													
13	A		C48120 ASSY/SUB: TIE ROD, LC & LGT	1	1								
14	A		C48589 ASSY/SUB: TIE ROD, HC			1	1		1	1	1	1	
15	A		C48121 ROD - TIE (15.75)	1	1								
16	A		C48590 ROD - TIE (19.5)			1	1		1	1	1	1	
17	-		129-165 NUT JAM 1/2-20 RH HEX ZP	1	1	1	1		1	1	1	1	
18	-		129-365 NUT JAM 1/2-20 LH HEX ZP	1	1	1	1		1	1	1	1	
19	A		C44640 BALLJOINT - RH 1/2-20 THD.	1	1	1	1		1	1	1	1	
20	A		C44641 BALLJOINT - LH 1/2-20 THD.	1	1	1	1		1	1	1	1	
21													
22													
23													
CHANGES				CHANGES				CHANGES				CHANGES	
RFP			ECN/ DATE						ECN/ DATE				
ADDED 4018-4 HAND SPD CONT'L			9159 6/24/05										
ADDED 4000's WERE 4000's			9186 10/3/06										
ADDED 4021PS-1 HAND SPD CONT'L			9196 4/3/07										
ADDED 3000's, SHT 13 OF 26 WAS 9 OF 21			9209 3/23/09										
ADDED LNS 4, 9, 13, 15			9209 3/23/09										
CHANGES				CHANGES				CHANGES				CHANGES	
PROJ. ENGR. J. MARIO			MGR. ENGR. J. MARIO										
WRITTEN BY M. BERNDT			DATE 6/24/05										
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L													
GROUP NAME FRONT AXLE ASSY: TIE ROD													
BOM P/N: 10M0113			MODEL NO 3,4000's, 4200's										
SHEET 13 OF 26			DIVISION 10M										
GROUP 1													

ENGINEERING PARTS LIST



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ENGINEERING PARTS LIST													HAND SPD CONT'L					FOOT SPD CONT'L					RELEASE		NOTES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
LINE	DWG. NO.	PART NO. & DESCRIPTION										3018-4					3021PS-1					3023-1					4018-4					4021PS-1					4218					4221					4221PS					4223					4223PS					DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
1	A	C48122	ASSY/SUB: STEERING ROD & GEAR (LC & LGT))										1	1	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

ENGINEERING PARTS LIST



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LINE NO.	DWG. NO.	PART NO. & DESCRIPTION	HAND SPD CONT'L				FOOT SPD CONT'L				DATE	RELEASE	NOTES
			3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS	
1	A	C48755 WMT- STEERING SHAFT w/SPLINES (HC)	1	1	1			1	1	1	8/31/05		
2	A	C48756 SHAFT - STEERING 3/4 X 25.1 w/SPLINES	1	1	1			1	1	1	8/31/05		
3	A	C14196 GEAR - PINION STEERING	1	1	1			1	1	1			
4													
5	A	C12975 WASHER .762 X 1.12 X .135 ZP	1	1	1			1	1	1			FITS ON SHAFT BETWEEN GEAR AND SUPPORT
6													
7													
8													
9													
10													
11													
12													
13													
14	A	C29044 PIN - STEERING GEAR	1	1	1			1	1	1			SECTOR GEAR PIVOT
15	A	C14201 WASHER - .890 X 1.500 X .032 (PLAIN)	4	4	4			4	4	4			ASST. AS REQD. TO OBTAIN PROPER MESH BETWEEN SEGMENT GEAR & PINION GEAR
16													
17													
18	-	113-241 BOLT 3/8-16 X 3 HX HD GR5 ZP	1	1	1			1	1	1			
19	A	C29812 WASHER .391 X 1.4 X .22/.25 ZP	2	2	2			2	2	2			ON TOP & BOTTOM OF SECTOR GEAR PIVOT PIN
20	-	131-1352 NUT 3/8-16 HX FL TOP LK ZP	1	1	1			1	1	1			TORQUE TO 40-45 FT.-LBS.
21													
22													
23													
CHANGES			CHANGES				CHANGES				CHANGES		
RFP		ECN	DATE					ECN	DATE				
LN 1 WAS C48321, LN 2 WAS C48322		9159	6/24/05										
LN 5 WAS 195-2069 WASHER .85x.94x.135		9161	8/31/05										
ADDED 4018-4 HAND SPD CONT'L		9186	10/3/06										
4200's WERE 4000's		9186	10/3/06										
ADDED 4021PS-1 HAND SPD CONT'L		9196	4/3/07										
ADDED 3000's, SHT 15 OF 26 WAS 11 OF 21		9209	3/23/09										
CHANGES			CHANGES				CHANGES				CHANGES		
PROJ. ENGR. J. MARTO			MGR. ENGR. J. MARTO				DATE 6/24/05				BOM P/N: 10M0115		
WRITTEN BY M. BERNDT			MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L				GROUP NAME STEERING SHAFT				MODEL NO. 3,4000's, 4200's		
SHEET 15 OF 26			DIVISION 10M				GROUP 1						

ENGINEERING PARTS LIST



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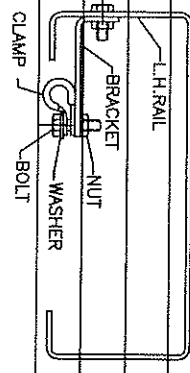
ENGINEERING PARTS LIST													HAND SPD CONT'L					FOOT SPD CONT'L					RELEASE		NOTES												
PART NO. & DESCRIPTION													3018-4		3021PS-1		3023-1		4018-4		4021PS-1		4218		4221		4221PS		4223		4223PS		DATE				
LINE	PMG.	NO.	SIZE																																		
1	A	C49073		ASSY/SUB: VALVE W/MANUAL STEERING 3,4000's	1	1	1																								10/3/06						
2	A	C49137		ASSY/SUB: VALVE W/POWER STEERING 3,4000PS's				1																							4/3/07						
2	A	C48691		ASSY/SUB: VALVE W/POWER STEERING 4200PS's																												6/24/05	USE ASSEMBLY JIG AJ-4638 TO POSITION VALVE BEFORE SECURING TO CHASSIS				
3	A	C48692		ASSY/SUB: VALVE W/MANUAL STEERING 4200's																												6/24/05					
4	B	C48745		VALVE - TRAVEL CONTROL w/TC CENT'RG SPOOL																												6/24/05	w/RELIEF VALVE				
5	-	218-5065		FIT'G CONNTR 3/4T 37F X 7/8-14 W/O-RING	1	1	1	1	1	1	1																						VALVE RETURN PORT				
6	-	218-5107		FIT'G 90 ADJ ELB 5/8T 37F X 7/8-14 O-RING	2	2	2	2	2	2	2																						VALVE MOTOR PORTS				
7	-	218-5062		FIT'G CONNTR 5/8T 37F X 7/8-14 O-RING	1	1	1	1	1	1	1																						VALVE INLET				
8	-	218-5134		FIT'G 45 ADJ ELBOW 5/16T 37D X 1/2-20	2	2	2	2	2	2	2																						VALVE LIFT PORTS				
9	A	C48761		CLEVIS - 5/16 LIFT SPOOL	1	1	1	1	1	1	1																						LIFT SPOOL ENGAGE 2 FULL TURNS, TIGHTEN 1) TRAVEL SPOOL				
10	-	192-20		WASHER LOCK 5/16 ZP	2	2	2	2	2	2	2																						1) TRAVEL SPOOL				
11	-	218-5232		FIT'G 90° SW ELB 5/8T 37F X 5/8T 37F SW FM	1	1	1	1	1	1	1																						VALVE INLET (ATT. TO 218-5062) CAP FITTING BEFORE PAINTING				
12	A	C37425		FIT'G ELBOW 3/8T 37F X 1/2-20 W/O-RING				1			1																						IN VALVE RETURN PORT (SIDE)				
13	-	218-5154		FIT'G PLUG 1/2-20 W/O-RING HX HEAD	1	1	1	1	1	1	1																						IN VALVE RETURN PORT (SIDE)				
14	A	C48693		CLEVIS - TRAVEL SPOOL																													TRAVEL SPOOL				
15	-	129-122		NUT 5/16-24 HEX ZP																													CLEVIS TO TRAVEL SPOOL				
16	B	C33473		VALVE - TRAVEL CONTROL	1	1	1	1	1	1	1																						w/RELIEF VALVE				
17	A	C19025		BALLJOINT 5/16-24 THD.	1	1	1	1	1	1	1																						TRAVEL SPOOL				
18	-	192-20		WASHER LOCK 5/16 ZP	2	2	2	2	2	2	2																										
19	A	C27764		SCREW 5/16-18 X 1-1/4 SLOT HD ZP	2	2	2	2	2	2	2																						SERVICE w/182-246				
20	-	129-102		NUT 5/16-18 HEX ZP	2	2	2	2	2	2	2																						ATT. VALVE TO FRAME				
22																																					
23																																					
CHANGES																																					
RFP				ECN		DATE		CHANGES																ECN		DATE											
LN 9 DEL. WAS C19025 BALLJOINT QTY: 1.				9159		6/24/05		ADDED 4021PS-1 HAND SPD CONT'L.																9196		4/3/07		PROJ. ENGR. J. MARTO MGR. ENGR. J. MARTO									
LN 9 ADDED C48761, LN 23 DEL. WAS				9163		9/16/05		ADDED LN 2 C49137, LNS 3 THRU 21 MOVED.																9196		4/3/07		WRITTEN BY M. BERNDT DATE 6/24/05									
WAS C31435 TUBE - VALVE TO HT. EXCH. QTY:1				9163		9/16/05		WERE ON LNS 2 THRU 20																9196		4/3/07		MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L									
LNS 2, 3 & 9 ADDED TO NOTES				9169		1/19/06		ADDED 3000's, SHT 16 OF 26 WAS 12 OF 21																9209		3/23/09		GROUP NAME CONTROL VALVE									
ADDED 4018-4 HAND SPD CONT'L.				9186		10/3/06		LNS 22 & 23 MOVED TO SHT 17 LNS 18 & 19																9209		3/23/09		BOM P/N: 10M0116 MODEL NO 3,4000's, 4200's									
4200's WERE 4000's				9186		10/3/06																						SHEET 16 OF 26 DIVISION 10M GROUP 1									
ADDED LNS 1, 16, 17 LNS 18-20 WERE ON				9186		10/3/06																															
LNS 16-18 LNS 22-23 WERE ON LNS 21-22				9186		10/3/06																															

ENGINEERING PARTS LIST

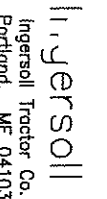


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LINE NO.	DWG. NO.	PART NO. & DESCRIPTION	HAND SPD CONT'L					FOOT SPD CONT'L					DATE	RELEASE	NOTES
			3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS			
1	B	C31435 TUBE - VALVE TO HEAT EXCHANGER	1	1	1	1	1	1	1	1	1	1			
2															PLUG TUBE W/218-776 BEFORE PAINT
3															
4															
5	C	C33766 TUBE - HYD, TRAVEL VALVE TO REGULATOR					1						1	11/13/90	
6															
7															
8	A	C33218 CLIP .62 LOOP W/VINYL ZP											1	1	ATT. TUBE TO BRACKET
9	-	113-102 BOLT 5/16-18 X 3/4 HX HD GR5 ZP											2	2	1) BRACKET TO RAIL 1) CLIP TO BRACKET
10	-	131-911 NUT 5/16-18 HX SERR FL LK. ZP											2	2	1) BRACKET TO RAIL 1) CLIP TO BRACKET
11	-	195-521 WASHER .344 X .688 X .051/.080 ZP											1	1	1) CLIP TO BRACKET
12															
13	A	C33834 BRACKET - TRAVEL VALVE TUBE MTG.					1						1	11/19/90	ATT. TO L.H. FRAME RAIL
14															
15	C	C37220 TUBE - VALVE TO MOTOR UPPER LC													
16	C	C37221 TUBE - VALVE TO MOTOR LOWER LC					1								
17															
18	B	C29657 TUBE - VALVE TO MOTOR UPPER HC													
19	B	C29658 TUBE - VALVE TO MOTOR LOWER HC					1						1	1	1
20															
21															
22															
23															
CHANGES			CHANGES			CHANGES			CHANGES			CHANGES			
RFP		ECN	DATE			ECN	DATE								
ADDED 4018-4 HAND SPD CONT'L.		9159	6/24/05												
ADDED 4000's WERE 4000's		9186	10/3/06												
ADDED 4021PS-1 HAND SPD CONT'L.		9186	10/3/06												
LN 1 ADDED C31435 QTY:1		9186	4/3/07												
ADDED 3000's, SHT 17 OF 26 WAS 13 OF 21		9209	3/23/09												
ADDED LNS 15&16, LNS 18&19 WERE ON SHT 16		9209	3/23/09												



PROJ. ENGR. J. MARTO MGR. ENGR. J. MARTO
WRITTEN BY M. BERNDT DATE 6/24/05
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
GROUP NAME CONTROL VALVE
BOM P/N: 10M0117 MODEL NO 3,4000's, 4200's
SHEET 17 OF 26 DIVISION 10M GROUP 1

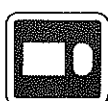


ENGINEERING PARTS LIST										HAND SPD CONT'L				FOOT SPD CONT'L				RELEASE		NOTES	
LINE NO.	DWG. NO.	SIZE	PART NO. & DESCRIPTION		DATE					DATE					DATE						
1	A	C32184	ASSY/FNL: BRAKE LC	1	1	1															
2	A	C32185	ASSY/FNL: BRAKE HC				1	1					1	1	1	1					
3																					
4																					
5	A	C33427	ASSY: BRAKE BAND 200,400'S/3,400'S	1	1	1	1	1					1	1	1	1	7/31/90				
6	A	C33428	BAND - BRAKE	1	1	1	1	1					1	1	1	1	7/31/90				
7	A	C33277	LINING - BRAKE .125 X 1.00 X 12.25	1	1	1	1	1					1	1	1	1	11/2/89				
8																					
9	A	C23910	PIN - CLEVIS 3/8 X 1.5 W/O HOLE ZP	1	1	1	1	1					1	1	1	1		TOP BRAKE BAND			
10	-	113-2262	BOLT 3/8-16 X 1-1/2 HX HD GR5 ZP	1	1	1	1	1					1	1	1	1		THD. TO HEAD (BOTTOM BRAKE BAND)			
11	-	129-143	NUT JAM 3/8-16 HX ZP	1	1	1	1	1					1	1	1	1		BOTTOM BRAKE BAND			
12																					
13	A	C23899	WMT- BRAKE ARM	1	1	1	1	1					1	1	1	1					
14	A	C23886	ARM - SHORT OFFSET	1	1	1	1	1					1	1	1	1					
15	A	C23898	ARM - LONG OFFSET	1	1	1	1	1					1	1	1	1					
16	A	C23900	PIN - GUIDE & PIVOT .375 X 1.62	1	1	1	1	1					1	1	1	1					
17																					
18	A	C24761	WMT- BRAKE ARM w/NUT	1	1	1	1	1					1	1	1	1					
19	A	C23886	ARM - SHORT OFFSET	1	1	1	1	1					1	1	1	1					
20	A	C23898	ARM - LONG OFFSET	1	1	1	1	1					1	1	1	1					
21	A	C23900	PIN - GUIDE & PIVOT .375 X 1.62	1	1	1	1	1					1	1	1	1					
22	A	C24762	NUT - ADJ & PIVOT	1	1	1	1	1					1	1	1	1					
23																					
CHANGES			ECN	DATE	CHANGES			ECN	DATE	PROJ. ENGR. J. MARTO			MGR. ENGR. J. MARTO			DATE 6/24/05					
LN 2 WAS C48694			9159	6/24/05						WRITTEN BY M. BERNDT											
ADDED 4018-4 HAND SPD CONT'L			9186	10/3/06						MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L											
4200'S WERE 4000'S			9186	10/3/06						GROUP NAME BRAKE: BRAKE BANDS & ARMS											
ADDED 4021PS-1 HAND SPD CONT'L			9196	4/3/07						BOM P/N: 10M0118			MODEL NO 3,400'S, 4200'S								
ADDED 3000'S, SHT 18 OF 26 WAS 14 OF 21			9209	3/23/09						SHEET 18 OF 26			DIVISION 10M			GROUP 1					
ADDED LN 1			9209	3/23/09																	

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ENGINEERING PARTS LIST



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LINE	DWG. NO. & SIZE	PART NO. & DESCRIPTION	HAND SPD CONT'L					FOOT SPD CONT'L					DATE	RELEASE	NOTES
			3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS			
1	—	C40648 ASSY/FNL: BRAKE ROD LC	1	1	1								7/30/91		
2	—	C40649 ASSY/FNL: BRAKE ROD HC				1	1	1	1	1	1		7/30/91		
3	B	C31992 ROD — BRAKE 14.25	1	1	1								3/23/88		
4	B	C31993 ROD — BRAKE 16.25				1	1	1	1	1	1		3/23/88		
5	—	C40647 ASSY/SUB: BRAKE ACT. GUIDE	1	1	1	1	1	1	1	1	1		7/30/91		
6	A	C40646 GUIDE — BRAKE ACTUATION	1	1	1	1	1	1	1	1	1		7/30/91		
7	A	C28978 YOKE 3/8" SAE PLASTIC W/STEEL INSERT	1	1	1	1	1	1	1	1	1				
8	—	141-4 PIN — CLEVIS 3/8 X 1.06 PLAIN	1	1	1	1	1	1	1	1	1				
9	—	132-321 PIN — COTTER 3/32 X 1 ZP	1	1	1	1	1	1	1	1	1				
10	—	195-533 WASHER .531 X 1.062 X .097 ZP	4	4	4	4	4	4	4	4	4				ATT. BRAKE ARMS TO PIVOT PINS ON FRAME
11	—	132-310 PIN — COTTER 1/8 X 1" ZP	3	3	3	3	3	3	3	3	3				2) ATT. BRAKE ARMS TO PIVOT PINS ON FRAME
12															1) BRAKE ROD TO BRAKE PEDAL ASSY.
13	A	C33942 WMT— PEDAL, BRAKE W/HAND SPD. CONT'L	1	1	1	1	1						12/10/90		
14	A	C48695 WMT— PEDAL, BRAKE W/FOOT SPD. CONT'L						1	1	1	1		6/24/05		
15	B	C33943 ARM — BRAKE	1	1	1	1	1	1	1	1	1		12/10/90		
16	A	C33944 PIN .50 X 3.44	1	1	1	1	1						12/10/90		
17	A	C48162 PIN .50 X 2.60						1	1	1	1				
18	A	C19181 SHAFT— BRAKE PEDAL .687 x 19.0	1	1	1	1	1								
19	A	C48696 SHAFT— BRAKE PEDAL W/FT. SPD.						1	1	1	1		6/24/05		
20															
21	A	C48527 WMT— BRAKE ARM	1	1	1	1	1	1	1	1	1		2/26/04		FITS ON BRAKE PEDAL WMT.
22	A	C19184 ARM — BRACE	1	1	1	1	1	1	1	1	1				
23	A	C19185 HUB .69 X 1.12 X.90	1	1	1	1	1	1	1	1	1				
CHANGES			CHANGES					CHANGES							
RFP		ECN DATE	ECN DATE					ECN DATE							
ADDED 4018-4 HAND SPD CONT'L		9159 6/24/05													
ADDED 4000's WERE 4000's		9186 10/3/06													
ADDED LNS 13, 16, 18 LNS 14-15 WERE ON		9186 10/3/06													
LNS 15-16 LN 19 WAS ON LN 18		9186 10/3/06													
ADDED 4021PS-1 HAND SPD CONT'L		9186 4/3/07													
ADDED 3000's, SHI 19 OF 26 WAS 15 OF 21		9209 3/23/08													
ADDED LNS 1 & 3		9209 3/23/09													

PROJ. ENGR. J. MARTO MGR. ENGR. J. MARTO

WRITTEN BY M. BERNDT DATE 6/24/05

MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L

GROUP NAME BRAKE: ROD, FOOT PEDAL, ARM

BOM P/N: 10M0119 MODEL NO. 3,4000's, 4200's

SHEET 19 OF 26 DIVISION 10M GROUP 1

ENGINEERING PARTS LIST



Ingersoll
Ingersoll Tractor Co.
Portland, ME 04103

LINE NO.	DWG. NO.	PART NO. & DESCRIPTION	HAND SPD CONT'L					FOOT SPD CONT'L					DATE	NOTES
			3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS		
1	—	138-2073 PIN - SPIROL 3/16 X 1.25	1	1	1	1	1	1	1	1	1	1		BRAKE ARM TO PEDAL WMT.
2	A	C48697 WMT - FOOT PEDAL SPEED						1	1	1	1	1	6/24/05	
3	A	C48698 PEDAL - FOOT, SPEED						1	1	1	1	1	6/24/05	
4	A	C48699 HUB .50 X .750 X 2.71						1	1	1	1	1	6/24/05	
5	—													
6	—	195-102 WASHER 1/4 USS FLAT .320 X .742 X .074 ZP						1	1	1	1	1		
7	—	192-20 WASHER LOCK 5/16 ZP						1	1	1	1	1		TRAVEL PEDAL TO BRAKE SHAFT
8	—	113-118 BOLT 5/16-18 X 5/8 HX HD GR5 ZP						1	1	1	1	1		
9	—													
10	—	219-403 FIT'G GREASE ZERK 1/4 DIA. DRIVE ON						1	1	1	1	1		TRAVEL PEDAL
11	A	C13106 COVER - GREASE ZERK FITTING						1	1	1	1	1		TRAVEL PEDAL (APPLY ● FINAL ASSY)
12	A	900011 GREASE, SYN/LITHIUM MOBILITH SHC 460						1 oz.	1 oz.	1 oz.	1 oz.	1 oz.		TRAVEL PEDAL
13	A	C48842 WMT - GUIDE, NEUTRAL RETURN 3/4" ID HUB	1	1	1	1	1						6/2/06	ATTACH TO STEERING SHAFT
14	A	C48843 GUIDE - NEUTRAL RETURN	1	1	1	1	1						6/2/06	
15	A	C48844 TUBE .75 x 1.00 x 1.44	1	1	1	1	1						6/2/06	
16	A	C33759 WMT - GUIDE, NEUTRAL RETURN (POWER STR'G)	1	1	1	1	1						11/12/90	ATTACH TO PIN WELDED TO SUPPORT
17	A	C33760 GUIDE - NEUTRAL RETURN	1	1	1	1	1						11/12/90	
18	A	C33761 TUBE - HUB	1	1	1	1	1						11/12/90	
19	B	C31660 SPRING - RETURN TO NEUTRAL	1	1	1	1	1						1/29/88	
20	B	C31661 LEVER - BRAKE LOCK	1	1	1	1	1						1/29/88	ATTACH TO BRAKE ARM PEDAL
21	—	132-310 PIN - COTTER 1/8 X 1" ZP	2	2	2	2	2							
22	—	195-533 WASHER .531 X 1.062 X .097 ZP	1	1	1	1	1							
23	A	C21942 SPRING - EXTENSION	1	1	1	1	1							BRAKE LOCK LEVER TO CHASSIS
CHANGES			CHANGES					CHANGES						
RFP			ECN	DATE				ECN	DATE					
LNS 15,16,21-23 ADDED			9196	6/24/05	ADDED 4021PS-1 HAND SPD CONT'L.			9196	4/3/07					
LNS 15 NOTES WAS: LOWER IMPL. LEFT SADDLE			9163	9/16/05	ADDED LNS 16-18, LNS 13-15 WERE ON			9196	4/3/07					
LN 16 WAS 131-C2 NUT 5/16 LK			9163	9/16/05	LNS 14-16, LN 19 WAS ON LN 16.			9196	4/3/07					
LNS 14-16 MOVED TO GR 16 SHT 3 LNS 15-17			9164	11/29/05	LNS 20-23 WERE ON LNS 19-22			9196	4/3/07					
LNS 21-23 MOVED TO GR 16 SHT 4 LNS 21-23			9169	1/19/06	ADDED 3000's, SHT 20 OF 26 WAS 16 OF 21			9209	3/23/09					
ADDED 4018-4 HAND SPD CONT'L.			9186	10/3/06										
4200's WERE 4000's ADDED LNS 14-17			9186	10/3/06										
LNS 19-22 WERE ON LNS 17-20			9186	10/3/06										

PROJ. ENGR. J. MARTO MGR. ENGR. J. MARTO
WRITTEN BY M. BERNDT DATE 6/24/05

MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
GROUP NAME BRAKE & SPEED FOOT PEDAL

BOM P/N: 10M0120 MODEL NO. 3,4000's, 4200's
SHEET 20 OF 26 DIVISION 10M GROUP 1

ENGINEERING PARTS LIST



Ingersoll
Ingersoll Tractor Co.
Portland, ME 04103

PART NO. & DESCRIPTION

HAND SPD CONT'L
3018-4
3021PS-1
3023-1
4018-4
4021PS-1

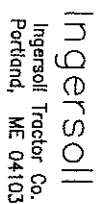
FOOT SPD CONT'L
4218
4221
4221PS
4223
4223PS

DATE

NOTES

RELEASE

LINE NO.	DWG. NO.	SIZE	PART NO. & DESCRIPTION	3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	DATE	NOTES
1														
2	-		C47674 ASSY: TRANSAXLE 25 P.A. LC (RIB)	1	1	1							5/3/01	ISP: TRANSAXLE W/O MOTOR: C47456
3	-		C47675 ASSY: TRANSAXLE 25 P.A. HC (RIB)				1	1	1	1	1	1	5/3/01	ISP: TRANSAXLE W/O MOTOR: C47457
4	-		C47666 ASSY: TRANS (RIB) CASE & BUSH'GS (3,4000'S)	1	1	1	1	1	1	1	1	1		ISP NOTE: FOR SERVICE SEE PROCESS SHEET
5	A		C12713 BEARING - FLANGE BR'G 1.193 ID X 1.25 LG	2	2	2	2	2						
6	A		C24804 BUSHING - FLANGE BR'G 1.193 ID X 1.25 LG	2	2	2	2	2						
7	A		C13385 BUSHING - SLV BR'G 1.19 X 1.438 X .875	1	1	1	1	1						
8	A		C13241 BUSHING - SLV BR'G 1.004 X 1.252 X .875	1	1	1	1	1						
9	B		C13266 SEAL - OIL RADIAL LIP (.625 SHAFT)	1	1	1	1	1						
10	A		C28281 BEARING - DRIVE SHAFT	1	1	1	1	1						
11	B		C24805 CASE - TRANSMISSION W/RIBS	1	1	1	1	1						REF. C28048
12	A		C24803 SEAL - OIL, RADIAL 2 LIP (1.1875 SHAFT)	3	3	3	3	3						
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
CHANGES				ECN	DATE	CHANGES				ECN	DATE	PROJ. ENGR. J. MARIO MGR. ENGR. J. MARIO		
ADDED 4018-4 HAND SPD CONT'L.					9159 6/24/05							WRITTEN BY M. BERNDT DATE 6/24/05		
ADDED 4021PS-1 HAND SPD CONT'L.					9186 10/3/06							MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L		
ADDED 3000's, SHT 21 OF 26 WAS 17 OF 21					9196 4/3/07							GROUP NAME TRANSAXLE ASSY.		
ADDED LN 2					9209 3/23/09							BOM P/N: 10M0121 MODEL NO. 3,4000's, 4200's		
												SHEET 21 OF 26 DIVISION 10M GROUP 1		



ENGINEERING PARTS LIST

LINE NO.	DWG. SIZE	PART NO. & DESCRIPTION	HAND SPD CONT'L				FOOT SPD CONT'L				DATE	RELEASE	NOTES
			3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS			
1	A	C49350 ASSY: AXLE SHAFT RH w/STUDS (SHORT) (LC)	1	1	1						3/23/09		
2	A	C49352 WMT - AXLE SHAFT RH (LC) (SHORT)	1	1	1						3/23/09	SERVICE OLD C16699 SUB TO C48637 KIT	
3	A	C16701 SHAFT - AXLE, SHORT (GR TR & LDR)	1	1	1								
4	A	C49353 FLANGE - AXLE SHAFT .38 4.50 B.C.	1	1	1						3/23/09	5 STUD HOLES	
5	A	C49354 STUD - KNUURL SHOULDER 7/16-20x1.25 ZP	5	5	5						3/23/09		
6	A	C49349 ASSY: AXLE SHAFT LH w/STUDS (LONG) (LC)	1	1	1						3/23/09		
7	A	C49351 WMT - AXLE SHAFT LH (LC) (LONG)	1	1	1						3/23/09	SERVICE OLD C16700, SUB TO C48636 KIT	
8	A	C16702 SHAFT - AXLE, LONG (GR TR & LDR)	1	1	1								
9	A	C49353 FLANGE - AXLE SHAFT .38 4.50 B.C.	1	1	1						3/23/09	5 STUD HOLES	
10	A	C49354 STUD - KNUURL SHOULDER 7/16-20x1.25 ZP	5	5	5						3/23/09		
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
CHANGES			CHANGES				CHANGES				CHANGES		
ADDED 3000's, ADDED SHT 22 TO B/M			ECN DATE				ECN DATE				ADDED 3000's, ADDED SHT 22 TO B/M		
ADDED LNS 1, 5, 6, 10, LNS 4&9 WERE C26620			9209 3/23/09				9209 3/23/09				ADDED LNS 1, 5, 6, 10, LNS 4&9 WERE C26620		
LN 2 WAS C16699, LN 7 WAS C16700			9209 3/23/09				9209 3/23/09				LN 2 WAS C16699, LN 7 WAS C16700		

ENGINEERING PARTS LIST



Ingersoll
Ingersoll Tractor Co.
Portland, ME 04103

LINE NO.	DWG. SIZE	PART NO. & DESCRIPTION	HAND SPD CONT'L					FOOT SPD CONT'L					DATE	RELEASE	NOTES
			3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS			
1	B	C33305 WMT/M: BRAKE DRUM	1	1	1	1	1	1	1	1	1	1	11/8/89		
2	B	C25257 SHAFT - IDLER, BRAKE DRUM	1	1	1	1	1	1	1	1	1	1			
3	B	C13260 DRUM - BRAKE	1	1	1	1	1	1	1	1	1	1			
4															
5	-	126-128 KEY - WOODRUFF 1/4 X 1-1/8 HT	1	1	1	1	1	1	1	1	1	1			IDLER GEAR TO BRAKE DRUM SHAFT
6															
7	A	C14222 RING - RETAINING "O" .938 ID X .085 DIA.	1	1	1	1	1	1	1	1	1	1			IDLER 128 / NATIONAL XRC-338
8															
9	D	C30939 MOTOR - HYDRAULIC 12.0 cu. in/rev	1	1	1	1	1								ROSS MB 120316AAB
10	B	C33234 MOTOR - HYDRAULIC 17.1 cu. in/rev					1	1	1	1	1	1			ROSS MB 180316AAB
11	A	C28949 SEAL - O-RING 2.984 ID X .149 DIA.	1	1	1	1	1	1	1	1	1	1			
12	-	166-86 BOLT 1/2-13 X 1-1/4 12 PT FL HD GR8	4	4	4	4	4	4	4	4	4	4			TORQUE TO 80 FT. LBS. MOTOR TO TRANS. CASE
13	-	192-23 WASHER LOCK 1/2 ZP	4	4	4	4	4	4	4	4	4	4			APPLY SEALANT TO THREADS
14															
15															
16	A	C13196 GASKET - TRANS. COVER	1	1	1	1	1	1	1	1	1	1			
17	C	C36935 COVER - TRANSMISSION	1	1	1	1	1	1	1	1	1	1	6/19/91		
18	A	C28241 FIT'G - RELIEF VENT 1/8 NPTF 1/4 TO 1 PSI	1	1	1	1	1	1	1	1	1	1			
19	-	121-21 BOLT 1/4-20 X 1/2 HX. SERR FL LK ZP	6	6	6	6	6	6	6	6	6	6			COVER TO TRANS. CASE
20	-	221-3 FIT'G - PLUG 3/8 PIPE SQ HD	3	3	3	3	3	3	3	3	3	3			
21	-	218-5062 FIT'G CONNTR 5/8T 37F X 7/8-14 O-RING					2	2	2	2	2	2			MOTOR PORTS
22	-	218-5107 FIT'G 90 ADJ ELB 5/8T 37F X 7/8-14 O-RING	1	1	1	1									MOTOR PORT - UPPER
23	-	218-5137 FIT'G 45 ADJ ELB 5/8T 37F X 7/8-14 O-RING	1	1	1	1									MOTOR PORT - LOWER
CHANGES			CHANGES					CHANGES					CHANGES		
RFP			ECN	DATE				ECN	DATE				PROJ. ENGR. J. MARTO		
ADDED 4018-4 HAND SPD CONT'L			9159	6/24/05									MGR. ENGR. J. MARTO		
ADDED 4000's WERE 4000's			9186	10/3/06									WRITTEN BY M. BERNDT		
ADDED 4021PS-1 HAND SPD CONT'L			9186	10/3/06									DATE 6/24/05		
ADDED 3000's, SHT 24 OF 26 WAS 19 OF 21			9196	4/3/07									MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L		
ADDED LNS 9, 22, 23			9209	3/23/09									GROUP NAME TRANSAXLE: BRAKE DRUM, MOTOR		
													BOM P/N: 10M0124 MODEL NO 3,4000's, 4200's		
													SHEET 24 OF 26 DIVISION 10M GROUP 1		

ENGINEERING PARTS LIST

HAND SPD CONT'L

FOOT SPD CONT'L

Ingersoll
Ingersoll Tractor Co.
Portland, ME 04103

PART NO. & DESCRIPTION

3018-4
3023PS-1
3023-1
4018-4
4021PS-1

4218
4221
4221PS
4223
4223PS

RELEASE
DATE

NOTES

CHANGES

ECN DATE

CHANGES

ECN DATE

RFP
ADDED 4018-4 HAND SPD CONT'L
4200's WERE 4000's
ADDED 4021PS-1 HAND SPD CONT'L
ADDED 3000's, SHT 25 OF 26 WAS 20 OF 21

9159 6/24/05
9186 10/3/06
9186 10/3/06
9196 4/3/07
9209 3/23/09

PROJ. ENGR. J. MARTO
WRITTEN BY M. BERNDT
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
GROUP NAME DRAW BAR
BOM P/N: 10M0125
SHEET 25 OF 26

9159 6/24/05
9186 10/3/06
9186 10/3/06
9196 4/3/07
9209 3/23/09

PROJ. ENGR. J. MARTO
WRITTEN BY M. BERNDT
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
GROUP NAME DRAW BAR
BOM P/N: 10M0125
SHEET 25 OF 26

9159 6/24/05
9186 10/3/06
9186 10/3/06
9196 4/3/07
9209 3/23/09

PROJ. ENGR. J. MARTO
WRITTEN BY M. BERNDT
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
GROUP NAME DRAW BAR
BOM P/N: 10M0125
SHEET 25 OF 26

9159 6/24/05
9186 10/3/06
9186 10/3/06
9196 4/3/07
9209 3/23/09

PROJ. ENGR. J. MARTO
WRITTEN BY M. BERNDT
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
GROUP NAME DRAW BAR
BOM P/N: 10M0125
SHEET 25 OF 26

9159 6/24/05
9186 10/3/06
9186 10/3/06
9196 4/3/07
9209 3/23/09

PROJ. ENGR. J. MARTO
WRITTEN BY M. BERNDT
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
GROUP NAME DRAW BAR
BOM P/N: 10M0125
SHEET 25 OF 26

9159 6/24/05
9186 10/3/06
9186 10/3/06
9196 4/3/07
9209 3/23/09

PROJ. ENGR. J. MARTO
WRITTEN BY M. BERNDT
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
GROUP NAME DRAW BAR
BOM P/N: 10M0125
SHEET 25 OF 26

9159 6/24/05
9186 10/3/06
9186 10/3/06
9196 4/3/07
9209 3/23/09

PROJ. ENGR. J. MARTO
WRITTEN BY M. BERNDT
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
GROUP NAME DRAW BAR
BOM P/N: 10M0125
SHEET 25 OF 26

9159 6/24/05
9186 10/3/06
9186 10/3/06
9196 4/3/07
9209 3/23/09

PROJ. ENGR. J. MARTO
WRITTEN BY M. BERNDT
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
GROUP NAME DRAW BAR
BOM P/N: 10M0125
SHEET 25 OF 26

9159 6/24/05
9186 10/3/06
9186 10/3/06
9196 4/3/07
9209 3/23/09

PROJ. ENGR. J. MARTO
WRITTEN BY M. BERNDT
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
GROUP NAME DRAW BAR
BOM P/N: 10M0125
SHEET 25 OF 26

9159 6/24/05
9186 10/3/06
9186 10/3/06
9196 4/3/07
9209 3/23/09

PROJ. ENGR. J. MARTO
WRITTEN BY M. BERNDT
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
GROUP NAME DRAW BAR
BOM P/N: 10M0125
SHEET 25 OF 26

9159 6/24/05
9186 10/3/06
9186 10/3/06
9196 4/3/07
9209 3/23/09

PROJ. ENGR. J. MARTO
WRITTEN BY M. BERNDT
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
GROUP NAME DRAW BAR
BOM P/N: 10M0125
SHEET 25 OF 26

9159 6/24/05
9186 10/3/06
9186 10/3/06
9196 4/3/07
9209 3/23/09

PROJ. ENGR. J. MARTO
WRITTEN BY M. BERNDT
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
GROUP NAME DRAW BAR
BOM P/N: 10M0125
SHEET 25 OF 26

9159 6/24/05
9186 10/3/06
9186 10/3/06
9196 4/3/07
9209 3/23/09

PROJ. ENGR. J. MARTO
WRITTEN BY M. BERNDT
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
GROUP NAME DRAW BAR
BOM P/N: 10M0125
SHEET 25 OF 26

9159 6/24/05
9186 10/3/06
9186 10/3/06
9196 4/3/07
9209 3/23/09

PROJ. ENGR. J. MARTO
WRITTEN BY M. BERNDT
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
GROUP NAME DRAW BAR
BOM P/N: 10M0125
SHEET 25 OF 26

9159 6/24/05
9186 10/3/06
9186 10/3/06
9196 4/3/07
9209 3/23/09

PROJ. ENGR. J. MARTO
WRITTEN BY M. BERNDT
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
GROUP NAME DRAW BAR
BOM P/N: 10M0125
SHEET 25 OF 26

9159 6/24/05
9186 10/3/06
9186 10/3/06
9196 4/3/07
9209 3/23/09

PROJ. ENGR. J. MARTO
WRITTEN BY M. BERNDT
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
GROUP NAME DRAW BAR
BOM P/N: 10M012

ENGINEERING PARTS LIST

HAND SPD CONT'L

FOOT SPD CONT'L

Ingersoll
Ingersoll Tractor Co.
Portland, ME 04103

LINE NO.	DWG. NO.	DESCRIPTION	HAND SPD CONT'L					FOOT SPD CONT'L					DATE	RELEASE	NOTES
			3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS			
1	A	C48763 ASSY: LEVER, HYD LIFT W/BEARINGS	1	1	1	1	1	1	1	1	1	1	9/16/05		HAND REAM BUSHINGS #.688/.690 AFTER SECURING LEVER ASSY TO CHASSIS
2	A	C48764 BEARING - SLEEVE OUTER .69 X .81 X 1.00	2	2	2	2	2	2	2	2	2	2	9/16/05		
3	A	C48765 WMT- HYD LIFT LEVER	1	1	1	1	1	1	1	1	1	1	9/16/05		
4	A	C48766 TUBE - LIFT SHAFT .75 X 1.125 X 11.98	1	1	1	1	1	1	1	1	1	1	9/16/05		
5	A	C18232 ARM - LIFT	1	1	1	1	1	1	1	1	1	1			
6	A	C16144 LEVER - CYLINDER MT	2	2	2	2	2	2	2	2	2	2			
7	B	C32260 WMT/SUB: HYD LIFT PIN	1	1	1	1	1	1	1	1	1	1			
8	B	C32261 ARM - HYD LIFT, RH	1	1	1	1	1	1	1	1	1	1			
9	A	C16740 PIN - .625 X 1.62	1	1	1	1	1	1	1	1	1	1			
10	A	C48767 CLAMP 1.125 LIFT TUBE	2	2	2	2	2	2	2	2	2	2	9/16/05		1) POSITION ZERK FITTING TOWARDS THE FRONT OF TRACTOR
11	A	C17250 BRACKET - CLAMP BOTTOM	2	2	2	2	2	2	2	2	2	2			2) HOLDS IMPLEMENT LIFT LEVER WMT IN PLACE ON FRAME
12	-	C113-207 BOLT 3/8-16 X 1 HX HD GR5 ZP	4	4	4	4	4	4	4	4	4	4			
13	-	C192-21 WASHER - LOCK 3/8 ZP	4	4	4	4	4	4	4	4	4	4			
14	-	C219-17 FIT'G - GREASE ZERK STRAIGHT 3/16 DRIV ON	3	3	3	3	3	3	3	3	3	3			
15	A	C13106 COVER - GREASE FITTING	3	3	3	3	3	3	3	3	3	3			1 EA. IMPLEMENT LIFT LEVER WMT 1 EA. PER CLAMP - LIFT TUBE
16	B	C33136 WMT- LIFT CYL. MTG BRACKET	1	1	1	1	1	1	1	1	1	1			
17	A	C31426 BRACKET - CYLINDER MOUNT	1	1	1	1	1	1	1	1	1	1			
18	A	C31427 TAB - CYLINDER MOUNT	2	2	2	2	2	2	2	2	2	2			
19	B	C33134 BRACKET - CYLINDER MT. REINFORCEMENT LH	1	1	1	1	1	1	1	1	1	1			
20	B	C33135 BRACKET - CYLINDER MT. REINFORCEMENT RH	1	1	1	1	1	1	1	1	1	1			
21	-														
22	-	C113-208 BOLT 3/8-16 X 1-1/4 HX HD GR5 ZP	4	4	4	4	4	4	4	4	4	4			
23	-	C131-938 NUT 3/8-16 HX SERR FL LK ZP	4	4	4	4	4	4	4	4	4	4			ATT LIFT CYL.MTG BRKT TO FRAME
CHANGES			ECN	DATE	CHANGES	ECN	DATE								
RFP	LNS 1&2 ADDED	LNS 3-9 MOVED DOWN 1 LEVEL	9159	6/24/05	ADDED 4021PS-1 HAND SPD CONT'L	9186	4/3/07	PROJ. ENGR. J. MARTO MGR. ENGR. J. MARTO							
	LNS 3 DEL.	C32259, ADDED C48765, LN 4 DEL.	9163	9/16/05	ADDED 3000's, SHT 26 OF 26 WAS 21 OF 21	9209	3/23/09	WRITTEN BY M. BERNDT DATE 6/24/05							
	C26430, ADDED	C48766, LN 10 DEL. C17249	9163	9/16/05				MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L							
	QTY: 4, ADDED	C48767, LN 13 DEL. 131-938 NUT	9163	9/16/05				GROUP NAME IMPL. LIFT ASSY.							
	LNS 14 & 15 QTY: 3 WAS 1, REVISED NOTE		9163	9/16/05				BOM P/N: 10M0126 MODEL NO 3,4000's, 4200's							
	ADDED 4018-4 HAND SPD CONT'L		9186	10/3/06				SHEET 26 OF 26 DIVISION 10M GROUP 1							
	4200's WERE 4000's		9186	10/3/06											

ENGINEERING PARTS LIST



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LINE	DWG. NO. & DESCRIPTION	HAND SPD CONT'L				FOOT SPD CONT'L				DATE	RELEASE	NOTES
		3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS	
1	B C47106 WHEEL - STEERING (SPLINE HUB) W/C47107 CAP	1	1	1	1	1	1	1	1	1		SHIP LOOSE
2												
3	A C37197 INSERT - STEERING WHL CENTER	1	1	1	1	1	1	1	1	1		ATTACH TO STEERING WHEEL CAP ALIGN "I" WITH CENTER SPOKE
4	A C48757 BUSHING - FLANGED .75 ID X 1.0 LG NYLON	1	1	1	1	1	1	1	1	1	8/31/05	CHASSIS TOWER: STEERING TUBE - TOP SHIM AS REQUIRED BETWEEN ROLL PIN & FLANGED BUSHING TOP OF TUBE
5	A C37999 WASHER .765 X 1.25 X .075 PLAIN	3	3	3			3	3	3			STEERING SHAFT
6	- 138-97 PIN - ROLL 3/16 X 1-1/8 PLAIN	1	1	1	1	1	1	1	1	1		
7												
8	- 113-103 BOLT 5/16-18 X 1 HX HD GR5 ZP	1	1	1	1	1	1	1	1	1		STEERING WHEEL TO STEERING SHAFT
9	- 192-20 WASHER LOCK 5/16	1	1	1	1	1	1	1	1	1		
10	A C29577 WASHER .344 X 1.25 X .179/.250 ZP	1	1	1	1	1	1	1	1	1		
11												
12												
13	A C48758 SLEEVE - 1.16 X 1.62 X 5.0 PLASTIC BLACK	1	1	1	1	1	1	1	1	1	8/31/05	FITS OVER STEER'G COLUMN TUBE
14												
15	A C39504 BOOT - STEERING COLUMN 6.38 LG	1	1	1	1	1	1	1	1	1		
16	A C39507 INSERT - BOOT (STEERING COLUMN)	1	1	1	1	1	1	1	1	1		SECURE TO INSIDE OF BOOT
17												
18												
19	C C44628 CYLINDER - HYDRAULIC P.S.	1	1	1	1	1	1	1	1	1		
20	A C44640 BALLJOINT - RH 1/2-20 THD.	1	1	1	1	1	1	1	1	1		
21	- 192-23 WASHER LOCK 1/2 ZP	1	1	1	1	1	1	1	1	1		BALLJOINT TO SPINDLE
22	- 129-165 NUT JAM 1/2-20 RH HEX ZP	3	3	3	3	3	3	3	3	3		1) BALLJOINT TO SPINDLE 2) BALLJOINT TO CYLINDER
23	- 131-06 NUT JAM 5/8-11 HX NYLON INSERT LOCK ZP	1	1	1	1	1	1	1	1	1		CYLINDER TO CHASSIS
CHANGES												
RFP	ECN DATE	CHANGES	ECN DATE	CHANGES	ECN DATE	CHANGES	ECN DATE	CHANGES	ECN DATE	CHANGES	ECN DATE	CHANGES
LN 4 WAS C15096 .625 ID. LN 5 WAS 195-2208 9161 8/31/05	ADDED 4021PS-1 HAND SPD CONT'L.	9159 8/24/05	ADDED 4021PS-1 HAND SPD CONT'L.	9196 4/3/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07
WASHER .69 ID. QTY: 3 WAS 1, REVISED NOTE	9161 8/31/05	LN5 WAS 195-C4 .755/.760X1.25X.060 ZP	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.
LN 6 DEL. WAS 138-138 ROLL PIN QTY:1	9161 8/31/05	LN5 REVISED NOTE, PIN WAS STEERING WHEEL	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.
LN 7 DEL. WAS C48323 ADAPTER QTY:1	9161 8/31/05	LN6 REVISED NOTE, PIN WAS STEERING WHEEL	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.
LN 11 DEL. WAS C27739 RING QTY:2	9161 8/31/05	ADDED 3000's	9209 3/23/09	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.
LN 13 WAS C48000. TUBE -STRG COLUMN	9161 8/31/05	ADDED 3000's	9209 3/23/09	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.
ADDED 4018-4 HAND SPD CONT'L.	9186 10/3/06	ADDED 3000's	9209 3/23/09	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.
4200's WERE 4000's	9186 10/3/06	ADDED 3000's	9209 3/23/09	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.	9195 5/14/07	ADDED 4021PS-1 HAND SPD CONT'L.

ENGINEERING PARTS LIST



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ENGINEERING PARTS LIST

LINE NO.	DWG. SIZE	PART NO. & DESCRIPTION	HAND SPD CONT'L					FOOT SPD CONT'L					DATE	RELEASE	NOTES		
			3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS					
1																	
2																	
3																	
4																	
5	B	C33743 PUMP - HAND P.S.															
6	-	129-122 NUT 5/16-24 HEX ZP															
7																	
8	-	218-5105 FIT'G 90° ADJ ELB 3/8T 37F X 9/16-18 O-RING															
9	-	218-5135 FIT'G 45° ADJ ELB 3/8T 37F X 9/16-18 O-RING															
10																	
11																	
12																	
13	A	C48820 CONDUIT - CORRUGATED .69 ID X 4" LG															
14	B	C32399 HOSE (ASSY) HYD 1/4 X 25.0 2750 PSI															
15	B	C33750 HOSE (ASSY) HYD 1/4 X 21.0															
16	A	C22947 TIE - CABLE .15 X 8" NYLON (BLACK)															
17	B	C28275 HOSE (ASSY) HYD 1/4 X 16.0															
18																	
19	B	C33545 WMT- STRAP, LOWER MTG.															
20	B	C33546 STRAP - MTG., P.S.															
21	-	129-710 NUT WELD 1/4-20 SPOT SINGLE TAB															
22																	
23	-	121-21 BOLT 1/4-20 X 1/2 HX SERR FL LK ZP															
CHANGES			CHANGES					CHANGES					CHANGES				
RFP			ECN	DATE		ECN	DATE		ECN	DATE		ECN	DATE				
LN 13 ADDED, LN16 NOTES, ADDED CONDUIT			9159	6/24/05													
ADDED 4018-4 HAND SPD CONT'L			9173	2/24/06													
4200's WERE 4000's			9186	10/3/06													
LN 18 WAS C33762 QTY.1 MOVED TO GR15 SHT			9185	2/15/07													
ADDED 4021PS-1 HAND SPD CONT'L			9196	4/3/07													
ADDED 3000's			9209	3/23/09													
PROJ. ENGR. J. MARTO			MGR. ENGR. J. MARTO			DATE 6/24/05			MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L			GROUP NAME STEERING HAND PUMP			BOM P/N: 10M0302 MODEL NO 3,4000's, 4200's		
SHEET 2 OF 2			DIVISION 10M			GROUP 3											