

ENGINEERING PARTS LIST



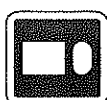
Ingersoll
Ingersoll Tractor Co.
Portland, ME 04103

EF

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	C	C30911 TIRE/RIM ASSY (GT FR) 16 X 6.50-8	2	2	2	2	2		2	2	2	2	2			
3																
4																
5																
6																
7																
8																
9																
10	A	C44478 CAP-DUST W/HOLE							2	2	2	2	2			
11	A	C26021 CAP - DUST W/O HOLE							2	2	2	2	2	1/22/93		
12	-	132-311 PIN - COTTER 5/32 X 1.25 ZP		1	1	1	1	1	1	1	1	1	1			
13	A	C28972 WASHER .757 X 1.25 X .06		2	2	2	2	2	2	2	2	2	2			
14	-	195-545 WASHER .812 X 1.469 X .135 ZP		6	6	6	6	6	6	6	6	6	6			
15				2	2	2	2	2	2	2	2	2	2		1) ATT. TO SPINDLE PRIOR TO WHEEL	
16																
17	A	C13106 COVER - GREASE FITTING														
18				2	2	2	2	2	2	2	2	2	2		1) TO EACH WHEEL	
19																
20																
21																
22																
23																
CHANGES			CHANGES					CHANGES								
RFP		ECN DATE	ECN DATE					ECN DATE								
ADDED 4018-4 HAND SPD CONT'L		9159 6/24/05	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		9209 3/23/09														

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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	D	C30921 TIRE/RIM ASSY (GT,LC) TURF 23 X 10:50-12	2	2	2										
2	A	C49355 NUT - LUG 7/16-20 ZP	2	2	2								3/23/09	5 PER WHEEL, TORQUE 65-70 FT-LB	
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13	D	C30918 TIRE/RIM ASSY (GT,HC) TURF 32 X 8:00-16		2	2			2	2	2	2			32 X 8:00-16	
14	A	C37657 NUT - LUG 1/2-20 ZP		12	12			12	12	12	12			6 PER WHEEL, TORQUE 80-85 FT-LB	
15															
16	D	C30919 TIRE/RIM ASSY RH LUG 32 X 8:00-16(GT,HC,R)		0	0			0	0	0	0			SET: 1 EACH	
17	D	C30920 TIRE/RIM ASSY LH LUG 32 X 8:00-16(GT,HC,R)		0	0			0	0	0	0			OPTION TO C30918 SIZE 32 X 8:00-16	
18															
19															
20															
21															
22															
23															
CHANGES			CHANGE												
RFP		ECN DATE													
ADDED 4018-4 HAND SPD CONT'L		9159 6/24/05													
4200's WERE 4000's		9186 10/3/06													
LN1 14 WAS C27763 BOLT - LUG 1/2-20x1.22		9186 10/3/06													
ADDED 4021PS-1 HAND SPD CONT'L		9191 3/27/07													
ADDED 3000's, ADDED LNS 1 & 2		9196 4/3/07													
		9209 3/23/09													
J. ENGR. J. MARIO			MGR. ENGR. J. MARIO												
TEN BY M. BERNDT			DATE 6/24/05												
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L															
GROUP NAME WHEELS & TIRES - REAR															
BOM P/N: 10M0601			MODEL NO. 3,4000's, 4200's												
SHEET 1 OF 1			DIVISION 10M GROUP 6												

3000 series
Tires

ENGINEERING PARTS LIST

HAND SPD CONT'L

FOOT SPD CONT'L



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PART NO. & DESCRIPTION

NOTES

3018-4
3021PS-1
3023-1
4018-4
4021PS-1

4218
4221
4221PS
4223
4223PS

RELEASE
DATE

LINE	DWG.	PART NO. & DESCRIPTION	NO.	SIZE	3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS	RELEASE	DATE	NOTES
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21	A	C33548 COVER - ACCESS			1	1	1	1	1								
22	A	C33576 SCREW 1/4-20 X 5/16 PAN HD PH BLK			3	3	3	3	3								
23																	
CHANGES			ECN	DATE	CHANGES			ECN	DATE	CHANGES			ECN	DATE	CHANGES		
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			9186	4/3/07													
LNS 1 THRU 16 DELETED, WAS C48540			9185	9/7/07													
WMT - GRILLE & HOOD VANG 16 & 18 HP			9195	9/7/07													
QTY: 1 FROM 4018-4 & 4218			9195	9/7/07													
ADDED 3000'S			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 SHEET METAL - FRONT COVER																	
BOM P/N: 10M0701			MODEL NO 3,4000's, 4200's														
SHEET 1 OF 5			DIVISION 10M			GROUP 7											

ENGINEERING PARTS LIST



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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	C48539 WMT - GRILLE & HOOD (21/23 HP VANG)	1	1	1	1	1	1	1	1	1	1	3/26/04		
2	B	C32153 HOOD w/LOUVERS	1	1	1	1	1	1	1	1	1	1			
3	B	C48541 GRILLE (WMT) HOOD	1	1	1	1	1	1	1	1	1	1	3/26/04		INCLUDES: C48542, C48543, C48544
4	B	C48073 WMT/SUB: SIDE PANEL, LH	1	1	1	1	1	1	1	1	1	1	11/11/02		
5	B	C31267 PANEL - SIDE, L.H. HOOD	1	1	1	1	1	1	1	1	1	1			
6	-	183-504 SCREW WELD 1/4-20 X 1/2 PROJ RD HD	1	1	1	1	1	1	1	1	1	1			
7															
8	B	C47848 WMT/SUB: RH SIDE PANEL (3,4000'S VANG)	1	1	1	1	1	1	1	1	1	1	6/12/03		
9	B	C31268 PANEL - SIDE, RH HOOD	1	1	1	1	1	1	1	1	1	1			
10	-	183-504 SCREW WELD 1/4-20 X 1/2 PROJ RD HD	1	1	1	1	1	1	1	1	1	1			
11															
12	B	C31356 ANGLE - GRILLE REINFORCEMENT	1	1	1	1	1	1	1	1	1	1			
13	A	C37312 HINGE - HOOD, CENTER	1	1	1	1	1	1	1	1	1	1	6/26/91		
14	B	C33467 LATCH - HOOD	1	1	1	1	1	1	1	1	1	1	9/4/90		
15	A	C29179 RETAINER - LATCH	1	1	1	1	1	1	1	1	1	1			
16	A	C31358 REINFORCEMENT - GRILLE	1	1	1	1	1	1	1	1	1	1			
17															
18	A	C31612 SHIELD - HEAT 3.75 X 5.0 (FOIL .002 THK)	1	1	1	1	1	1	1	1	1	1			ATT. TO INSIDE OF HOOD R.H. SIDE (TO PROJECT DECAL ON OUTSIDE OF HOOD FROM MUFFLER HEAT EXH. OUTLET)
19															
20															
21															
22															
23															
CHANGES			CHANGES					CHANGES					CHANGES		
REP		ECN/ DATE	ECN/ DATE					ECN/ DATE					ECN/ DATE		
ADDED 4018-4 HAND SPD CONT'L		9159 6/24/05	9159 6/24/05					9159 6/24/05					9159 6/24/05		
ADDED 4200's WERE 4000's		9186 10/3/06	9186 10/3/06					9186 10/3/06					9186 10/3/06		
ADDED 4021PS-1 HAND SPD CONT'L		9196 4/3/07	9196 4/3/07					9196 4/3/07					9196 4/3/07		
LNS 1 THRU 16 ADDED C48390 WMT - GRILLE &		9195 9/7/07	9195 9/7/07					9195 9/7/07					9195 9/7/07		
HOOD QTY: 1 TO 4018-4 & 42018		9195 9/7/07	9195 9/7/07					9195 9/7/07					9195 9/7/07		
ADDED 3000's		9209 3/23/09	9209 3/23/09					9209 3/23/09					9209 3/23/09		
CHANGES			CHANGES					CHANGES					CHANGES		
PROJ. ENGR. J. MARTO			PROJ. ENGR. J. MARTO					PROJ. ENGR. J. MARTO					PROJ. ENGR. J. MARTO		
WRITTEN BY M. BERNDT			WRITTEN BY M. BERNDT					WRITTEN BY M. BERNDT					WRITTEN BY M. BERNDT		
DATE 6/24/05			DATE 6/24/05					DATE 6/24/05					DATE 6/24/05		
MODEL NAME TRACTOR, HAND or FOOT SPD CONT'L			MODEL NAME TRACTOR, HAND or FOOT SPD CONT'L					MODEL NAME TRACTOR, HAND or FOOT SPD CONT'L					MODEL NAME TRACTOR, HAND or FOOT SPD CONT'L		
GROUP NAME SHEET METAL - FRONT: HOOD			GROUP NAME SHEET METAL - FRONT: HOOD					GROUP NAME SHEET METAL - FRONT: HOOD					GROUP NAME SHEET METAL - FRONT: HOOD		
BOM P/N: 10M0702			BOM P/N: 10M0702					BOM P/N: 10M0702					BOM P/N: 10M0702		
MODEL NO. 3,4000's, 4200's			MODEL NO. 3,4000's, 4200's					MODEL NO. 3,4000's, 4200's					MODEL NO. 3,4000's, 4200's		
SHEET 2 OF 5			SHEET 2 OF 5					SHEET 2 OF 5					SHEET 2 OF 5		
DIVISION 10M			DIVISION 10M					DIVISION 10M					DIVISION 10M		
GROUP 7			GROUP 7					GROUP 7					GROUP 7		

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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	C47854 SHIELD - HEAD HOOD	1	1	1	1	1	1	1	1	1		ATTACH TO INSIDE HOOD AND BRACKET
2	B	C33568 BRACKET - HEAD SHIELD	1	1	1	1	1	1	1	1	1		ATTACH TO INSIDE OF GRILLE BETWEEN HEADLIGHTS (USE EXISTING BOLT & NUT)
3													
4	A	C31597 SCREW 1/4-20 X 1/2 PHL PH BLK TF	1	1	1	1	1	1	1	1	1		1 EACH: BRACKET TO SHIELD
5	-	131-934 NUT 1/4-20 HX SERR FL LK ZP	3	3	3	3	3	3	3	3	3		SHIELD TO HOOD
6													
7	A	C16362 ROD - HINGE .312	1	1	1	1	1	1	1	1	1		
8	-	132-334 PIN - COTTER 1/8 X 3/4 ZP	1	1	1	1	1	1	1	1	1		
9													
10	A	C48369 BRACKET - HOOD STOP	2	2	2	2	2	2	2	2	2	6/12/03	
11	-	121-106 BOLT 5/16-18 X 1/2 HX SERR FL LK ZP	4	4	4	4	4	4	4	4	4		2 PER BRACKET - HOOD STOP TO CHASSIS
12													
13	A	C48363 WMT- BUMPER, 4000'S										6/12/03	
14	A	C48364 BUMPER - FRONT, 4000'S										6/12/03	
15	A	C48365 BRACKET - LH BUMPER MOUNT										6/12/03	
16	A	C48366 BRACKET - RH BUMPER MOUNT										6/12/03	
17													
18	-	111-342 BOLT CARR 3/8-16 X 1 GR5 ZP											BUMPER TO BRACKET
19	-	129-103 NUT 3/8-16 HEX ZP											
20	-	192-21 WASHER LOCK 3/8 ZP											
21													
22	-	113-207 BOLT 3/8-16 X 1 HX HD GR5 ZP											BUMPER TO CHASSIS
23	-	192-21 WASHER LOCK 3/8 ZP											MNT BRKT ON TO LOWER HOLES IN CHASSIS
CHANGES			ECN	DATE	ECN	DATE	ECN	DATE	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			9209	3/23/09									MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
													GROUP NAME SHEET METAL - FRONT:
													BOM P/N: 10M0703 MODEL NO. 3,4000'S, 4200'S
													SHEET 3 OF 5 DIVISION 10M GROUP 7

ENGINEERING PARTS LIST



Ingersoll
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Portland, ME 04103

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	A	C48415 SHIELD - BATTERY/RESERVOIR	1	1	1	1	1	1	1	1	1	1	10/8/03		
2	A	C33576 SCREW 1/4-20 X 5/16 PAN HD PH BLK	2	2	2	2	2	2	2	2	2	2			SHIELD TO L.H. SIDE OF TOWER
3	-	131-934 NUT 1/4-20 HX SERR FL LK ZP	2	2	2	2	2	2	2	2	2	2			
4															
5															
6															
7															
8															
9															
10	A	C31597 SCREW 1/4-20 X 1/2 PHL PH BLK TF	4	4	4	4	4	4	4	4	4	4			L.H. TOWER SIDE SCREENS TO TOWER
11	A	C33576 SCREW 1/4-20 X 5/16 PAN HD PH BLK	8	8	8	8	8	8	8	8	8	8	9/20/90		4) SHIELD TO TOWER 4) R.H. TOWER SIDE SCREEN TO TOWER
12															
13															
14															
15															
16	A	C48845 ASSY: SHIELD OIL RESERVOIR & SEAL (C/C)	1	1	1	1	1	1	1	1	1	1	4/24/06		FOR 18, 21, 23 HP (COOLER/CLEANER)
17	A	C48804 SEAL - 1 SQ. X 23.8	1	1	1	1	1	1	1	1	1	1	11/28/05		
18	A	C48846 WMT-SHIELD, OIL RESERVOIR (C/C)	1	1	1	1	1	1	1	1	1	1	4/24/06		FOR 18, 21, 23 HP
19	-	129-710 NUT WELD 1/4-20 SPOT SINGLE TAB	4	4	4	4	4	4	4	4	4	4			
20	B	C31269 SHIELD - OIL RESERVOIR	1	1	1	1	1	1	1	1	1	1			
21	A	C48847 SHIELD - TOP AIR INTAKE (C/C)	1	1	1	1	1	1	1	1	1	1	4/24/06		
22	A	C48848 SCREEN - TOWER SIDE, L.H. (C/C)	1	1	1	1	1	1	1	1	1	1	4/24/06		FOR COOLER/CLEANER ENGINES
23	A	C48849 SCREEN - TOWER SIDE, R.H. (C/C)	1	1	1	1	1	1	1	1	1	1	4/24/06		FOR COOLER/CLEANER ENGINES
CHANGES			CHANGES										PROJ. ENGR. J. MARIO		
RFP			RFP										MGR. ENGR. J. MARIO		
LNS 13 & 14 DELETED FROM ALL 4021,23's			LNS 13 & 14 DELETED FROM ALL 4021,23's										WRITTEN BY M. BERNDT		
LNS 16, 22 & 23 ADDED, LN 17 WAS C47853			LNS 16, 22 & 23 ADDED, LN 17 WAS C47853										DATE 6/24/05		
SEAL 1x20, LN 18 WAS C47850			SEAL 1x20, LN 18 WAS C47850										MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L		
LN 21 WAS C47851			LN 21 WAS C47851										GROUP NAME SHEET METAL - FRONT		
ADDED 4018-4 HAND SPD CONT'L			ADDED 4018-4 HAND SPD CONT'L										BOM P/N: 10M0704		
4200's WERE 4200's			4200's WERE 4200's										MODEL NO 3,4000's, 4200's		
ADDED 4021PS-1 HAND SPD CONT'L			ADDED 4021PS-1 HAND SPD CONT'L										SHEET 4 OF 5		
LN 16 WAS C48803, LN18 WAS C48805			LN 16 WAS C48803, LN18 WAS C48805										DIVISION 10M		
													GROUP 7		

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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	A		C49356 FOOTREST LH (LC)	1	1	1								3/23/09		
2	A		C49297 FOOTREST LH (HC)			1	1	1	1	1	1	1	1	12/8/07		
3	A		C49298 FOOTREST RH (LC & HC)	1	1	1	1	1	1	1	1	1	1	12/8/07		
4																
5	-		195-520 WASHER .312 X .875 X .051/.080 ZP	2	2	2	2	2	2	2	2	2	2			ATT FOOTREST (CENTER SLOT) TO CHASSIS
6	-		192-20 WASHER LOCK 5/16 ZP	2	2	2	2	2	2	2	2	2	2			
7	-		113-102 BOLT 5/16-18 X 3/4 HX HD GR5 ZP	2	2	2	2	2	2	2	2	2	2			
8	-		121-106 BOLT 5/16-18 X 1/2 HX SERR FL LK ZP	2	2	2	2	2	2	2	2	2	2			ATTACH FOOTREST (REAR SLOT) TO CHASSIS
9	-		131-911 NUT 5/16 HX SERR FL LK ZP	1	1	1	1	1								ATT RH FOOTREST (CENTER SLOT) TO CHASSIS
10	A		C49299 PAD LH FOOTREST (JELLY BEAN)	1	1	1	1	1	1	1	1	1	1	12/8/07		
11	A		C49300 PAD RH FOOTREST (JELLY BEAN)	1	1	1	1	1	1	1	1	1	1	12/8/07		
12																
13																
14	A		C16373 PIN - LATCH	2	2	2	2	2	2	2	2	2	2			1 PER FRONT ATTACHMENT MOUNT
15	A		C24137 SPRING - COMPRESSION	2	2	2	2	2	2	2	2	2	2			
16	-		138-2073 PIN SPIROL 3/16 X 1-1/4 HEAVY DUTY ZP	2	2	2	2	2	2	2	2	2	2			
17																
18																
19																
20																
21																
22																
23																
CHANGES				CHANGES				CHANGES				CHANGES				
RFP			ECN DATE						ECN DATE							
LNS 10 & 11 DEL. RIBBED, ADDED JELLY BEAN			9159 6/24/05						C48700, LN 10 C49299 WAS C48346,					9185 12/8/07		PROJ. ENGR. J. MARIO
ADDED 4018-4 HAND SPD CONT'L			9180 8/25/06						LN 11 C49300 WAS C48701					9195 12/8/07		MGR. ENGR. J. MARIO
4200's WERE 4000's, ADDED LNS: 1, 9, 12			9186 10/3/06						ADDED 3000's, LN 1 ADDED					9209 3/23/09		WRITTEN BY M. BERNDT
ADDED 4021PS-1 HAND SPD CONT'L			9196 4/3/07													DATE 6/24/05
DEL. FROM 4018-4 & 4021PS-1 MODELS: LN 1			9195 12/8/07													MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
WAS C37139 QTY: 1, LN 12 WAS C48347 QTY: 1			9195 12/8/07													GROUP NAME SHEET METAL - FRONT
ADDED TO 4018-4 & 4021PS-1: LN 3 & 11			9195 12/8/07													BOM P/N: 10M0705 MODEL NO 3,4000's, 4200's
LN 2 C48297 WAS C37137, LN 3 C49298 WAS			9195 12/8/07													SHEET 5 OF 5 DIVISION 10M GROUP 7

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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	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS	
1													
2	A	C4850 ENGINE - 18 HP VANGUARD (C/C)	1	1				4/24/06	(C/C) = COOLER/CLEANER				
3	A	C4851 ENGINE - 21 HP VANGUARD (C/C)	1		1			4/24/06	(C/C) = COOLER/CLEANER				
4	A	C4852 ENGINE - 23 HP VANGUARD (C/C)		1				4/24/06	(C/C) = COOLER/CLEANER				
5													SCREEN: REMOVE & SCRAPE. → HARDWARE FOR SCREEN: REMOVE & REUSE →
6	A	800101 OIL - ENGINE 20W40 REF. ONLY →	3.5 PTS.	3.5 PTS.	3.5 PTS.	3.5 PTS.	3.5 PTS.	3.5 PTS.	3.5 PTS.	12/21/07			QUANTITY USED SHOWN & STRUCTURE TO GROUP 15, PAGE 3.
7													
8	A	C37148 NIPPLE - OIL DRAIN 3/8 NPT X 2.0	1	1	1	1		1	1	1	1		ENGINE OIL DRAIN
9	-	218-5154 FIT'G PLUG 1/2-20 W/O-RING HX HEAD	1	1	1	1		1	1	1	1		
10													
11	-	113-121 BOLT 5/16-18 X 2 HX HD GR5 ZP	2	2	2	2		2	2	2	2		ENGINE - FRONT MOUNT & PTO ANTI-ROTATION BRACKET TO CHASSIS
12	-	113-120 BOLT 5/16-18 X 1-3/4 HX HD GR5 ZP	2	2	2	2		2	2	2	2		ENGINE - REAR MOUNT TO CHASSIS
13	-	131-C2 NUT 5/16-18 HX FL CTR LK ZP	2	2	2	2		2	2	2	2		ENGINE - FRONT MOUNT & PTO ANTI-ROTATION BRACKET TO CHASSIS
14	-	131-69 NUT 5/16-18 HX LK W/NYLON INSERT ZP	2	2	2	2		2	2	2	2		21HP ENGINE - REAR MOUNT TO CHASSIS 16-18HP ENGINE - ALL MOUNTS TO CHASSIS
15	-	195-521 WASHER .344 X .688 X .051/.080 ZP	4	4	4	4		4	4	4	4		1 PER BOLT - TOP OF ENGINE FOOT
16													
17													
18													
19													
20	A	C32455 CLIP .50 "J" W/VINYL ZP	2	2	2	2		2	2	2	2		1) ENGINE RH BLOWER HOUSING BELOW "WARNING DECAL" INCLUDE: FUEL LINE, WIRE HARNESS & CABLE TO STARTER 1) ENGINE FUEL PUMP, BEAT MTG. BOLT INCLUDE: WIRE HARNESS & CABLE TO STARTER
21													
22													
23													
CHANGES			ECN DATE			CHANGES			ECN DATE			PROJ. ENGR. J. MARIO	
ADDED 4018-4 HAND SPD CONT'L			9159 6/24/05			WAS C48532 QTY:1, LN18 DEL. C34189 QTY: .25			9195 12/9/07			MGR. ENGR. J. MARIO	
ADDED 4001's WERE 4000's			9186 10/3/06			LN6 WAS 800100, ADDED REF. ONLY & NOTE			9195 12/21/07			WRITTEN BY M. BERNDT	
ADDED 4021PS-1 HAND SPD CONT'L			9196 4/3/07			ADDED 3000'S			9209 3/23/09			MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L	
LN 3 WAS C47855, ADDED (C/C) & NOTES			9195 9/17/07									GROUP NAME ENGINE	
LN 4 WAS C48566, ADDED (C/C) & NOTES			9195 9/17/07									BOM P/N: 10M0901	
LN 2 WAS C44853, ADDED (C/C) & NOTES			9195 12/9/07									MODEL NO 3,4000's, 4200's	
CHANGES TO 18 HP ONLY: LNS 11 & 12 ADDED			9195 12/9/07									SHEET 1 OF 3	
QTY:2, LNS 12,14,15 QTY:2 WERE 4, LN 17 DEL			9195 12/9/07									DIVISION 10M	
												GROUP 9	

EF

ENGINEERING PARTS LIST

Ingersoll
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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	A	C33469 ASSY: MUFFLER & BRACKET	1	1	1			1					11/13/90		
2	D	C33828 MUFFLER - EXHAUST	1		1			1					11/13/90		
3	B	C33470 BRACKET - MUFFLER SUPPORT	1		1			1					11/13/90		
4															
5	A	C33444 DEFLECTOR - EXHAUST	1		1			1					9/7/90		
6	-	187-1041 SCREW #8-32 X 3/8 SELF TAP	4		4			4							DEFLECTOR TO MUFFLER
7															
8	A	C46079 SPACER - BOOSTER FAN	1	1	1	1	1	1	1	1	1	1	9/21/95		B & S NO. 805847 ATT. PUMP ADAPT TO FLYWHEEL
9															
10															
11															
12	A	C33503 SCREEN - FLYWHEEL	1	1	1	1	1	1	1	1	1	1	9/7/90		21&23 HP: REMOVE EXISTING SCREEN & DISC. SAVE & REUSE HARDWARE
13															
14															
15															
16															
17															
18															
19	-	221-849 PLUG 1/8 PIPE HX. SOC HD BLK	1	1	1	1	1	1	1	1	1	1	9/24/93		REPLACES: OIL PRESSURE SENDER C28979 ON FILTER HEAD
20															
21	-	192-21 WASHER LOCK 3/8 ZP	1		1			1							MUFFLER BRACKET TO ENGINE BLOCK
22	-	113-208 BOLT 3/8-16 X 1-1/4 HX HD GR5 ZP	1		1			1							
23															
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		
4200'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		
LN 12 ADDED QTY: 1 TO 21&23 HP, ADDED NOTE			9195	9/17/07									MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L		
LN 10 DEL. C33504 QTY:4 FROM 4018-4, 4218			9195	12/9/07									GROUP NAME ENGINE: MUFFLER 18 HP		
LN 14 DEL. 195-514 QTY:4 FROM 4018-4, 4218			9195	12/9/07									BOM P/N: 10M0902 MODEL NO. 3,4000's, 4200's		
LN 15 DEL. 131-1102 QTY:4 FROM 4018-4, 4218			9195	12/9/07									SHEET 2 OF 3 DIVISION 10M GROUP 9		
ADDED 3000's			9209	3/23/09											

ENGINEERING PARTS LIST



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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	C47831 MUFFLER 21/23 VANGUARD	1	1	1			1	1	1	1	2/17/06			FOLLOWING DRAWINGS MUST BE SENT TO: CUSTOM MARINE C48283 FLANGE - EXHAUST PORT C48291 SHIELD - MUFFLER C48809 DEFLECTOR - EXHAUST OUTLET C48810 TAB - EXHAUST OUTLET C48811 BAFFLE - MUFFLER	
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17	-	113-335 BOLT 7/16-14 X 3/4 HX HD GR5 ZP	2	2	2			2	2	2	2	7			MUFFLER BRACKET TO ENGINE	
18	-	192-22 WASHER LOCK 7/16 ZP	2	2	2			2	2	2	2					
19																
20																
21																
22																
23																
CHANGES			CHANGES					CHANGES								
RFP		ECN DATE	ADDED 3000's					ECN DATE								
LN 1 C47831 WAS C48280,		9159 6/24/05						9209 3/23/09								
LN 1 NOTES: ADDED PART NUMBERS		9170 2/17/06														
DELETED LNS 2 THRU 15, SEE ECN FOR P/N's		9170 2/17/06														
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														
LN22 DEL. WAS C48370-2 SCREEN QTY:1 21&23H		9195 9/17/07														
LN23 DEL. WAS C48370-1 SCREEN QTY:1 21&23H		9195 9/17/07														
PROJ. ENGR. J. MARTO MGR. ENGR. J. MARTO WRITTEN BY M. BERNDT DATE 6/24/05 MODEL NAME TRACTOR: HAND OF FOOT SPD CONT'L GROUP NAME ENGINE: MUFFLER 21/23 HP BOM P/N: 10M0903 MODEL NO 3,4000's, 4200's SHEET 3 OF 3 DIVISION 10M GROUP 9																

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ENGINEERING PARTS LIST



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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	A	C44818 ASSY: FUEL TANK W/FITTING 3,4000'S	1	1	1	1	1	1	1	1	1	1	3/21/03	
2	A	C43052 GROMMET - FUEL TANK (RUBBER)	1	1	1	1	1	1	1	1	1	1		
3	A	C43053 FIT'G - ELBOW 1/4" HOSE ADAPTER	1	1	1	1	1	1	1	1	1	1		
4	A	C44818-2 TANK - FUEL W/O FITTING	1	1	1	1	1	1	1	1	1	1	3/21/03	3.2 GAL.
5	A	C44819 CAP - FUEL TANK 1-3/4 BLACK	1	1	1	1	1	1	1	1	1	1		
6														
7														
8	A	C49286 CLAMP - HOSE 1/2"	2	2	2	2	2	2	2	2	2	2	7/24/07	SECURE FUEL LINE: TANK & FILTER
9														
10														
11														
12														
13	A	C32328 HOSE 1/4" FUEL X 34.5"	1	1	1	1	1	1	1	1	1	1		TANK TO FUEL FILTER
14	A	647715 HOSE 1/4" FUEL X 1000 FT SAE 30R7	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5		APPLY 3M WEATHERSTRIP ADHESIVE #08011 (5 OZ. TUBE)
15														
16	A	C47205 CUSHION .188 X .625 X 3.25 LG	2	2	2	2	2	2	2	2	2	2		BETWEEN RAIL & FUEL TANK
17	A	C34189 CUSHION - .188 X .625 X 6.5 LG	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5		
18	A	C23527 LINER - FOAM .25 THK X .5 X 13.38	1	1	1	1	1	1	1	1	1	1		INSTALL UNDER TRAY
19														
20														
21	A	C37427 HOSE 1/4" FUEL X 14"	1	1	1	1	1	1	1	1	1	1		FUEL PUMP TO FILTER
22	A	647715 HOSE 1/4" FUEL X 1000 FT SAE 30R7	14	14	14	14	14	14	14	14	14	14		
23														
CHANGES			CHANGES					CHANGES					CHANGES	
RFP		ECN DATE	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 4021PS-1 HAND SPD CONT'L		9186 10/3/06												
LN 8 WAS 214-103 CLAMP #8 TYPE E, WIRE		9196 4/3/07												
LN 2 DEL. C10678 FIT'G QTY:1,		9197 7/24/07												
LN 2 ADDED C43052, LN 3 ADDED C43053		9195 12/14/07												
ADDED 3000'S		9195 12/14/07												
		9209 3/23/09												

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 FUEL TANK
 BOM P/N: 10M1101 MODEL NO 3,4000'S, 4200'S
 SHEET 1 OF 1 DIVISION 10M GROUP 11

EPL-1

ENGINEERING PARTS LIST

HAND SPD CONT'L

FOOT SPD CONT'L

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PART NO. & DESCRIPTION

3018-4
3021PS-1
3023-1
4018-4
4021PS-1

4218
4221
4221PS
4223
4223PS

RELEASE

DATE

NOTES

LINE DWG.
NO. SIZE

1 B C46396 ILLUSTRATION - CONTROL INSTALLATION

0

0

0

1/30/96

2

3

4 B C46394 CONTROL - CHOKE

1

1

1

1

1

1

1/30/96

5 A C47856 CONTROL - THROTTLE

1

1

1

1

1

1

9/12/02

6

7 A C35291 KNOB - ROUND THROTTLE

2

2

2

2

2

2

6/25/91

8

9

10

11 - 182-559 SCREW #10-24 X 3/4 PAN HD PH BLT

2

2

2

2

2

2

2

CONTROLS TO INSTRUMENT PANEL

12 A C34117 NUT #10-24 THD HX SERR FL LK

2

2

2

2

2

2

2

13

14

15 A C32455 CLIP - .50 "J" W/VINYL ZP

1

1

1

1

1

1

1

CHOKE CABLE TO ENGINE OIL COOLER REAR TOP MTG SCREW

16 A C31977 CLIP .18 LOOP W/VINYL ZP

1

1

1

1

1

1

1

THROTTLE CABLE TO ENGINE BLOWER HSG. LOWER RH SIDE

17

18 A C27233 CLIP .25 (DOUBLE TUBE) LOOP ZP

1

1

1

1

1

1

1

C/T CABLES TO R.H. FRAME RAIL

19 A C35067 RETAINER - PLASTIC

1

1

1

1

1

1

1

20

21

22

23

CHANGES

CHANGES

CHANGES

ECN DATE

PROJ. ENGR. J. MARIO

MGR. ENGR. J. MARIO

ECN DATE

WRITTEN BY M. BERNDT

DATE 6/24/05

ECN DATE

MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L

ENGINEERING PARTS LIST



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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	C	C31958 PUMP - HYD 8.3 (PARKER)	1	1	1			1	1	1		.12 INCH BETWEEN PUMP & ADAPTER
2	D	C33579 PUMP - HYD 11.3 (PARKER)		1		1		1	1	1		SERVICE: C46187 KEY 1/8 SQUARE SUPPLIED W/PUMP
3	-	217-366 FIT'G - 90° 1" X 1-1/16-12		1		1		1		1		
4	C	C33423 HOSE - PUMP INLET 1" (J W/OFFSET)	1	1	1			1	1	1	6/28/90	
5	B	C33551 HOSE - PUMP INLET 1" ID "J" SHAPE		1		1		1		1		
6	C	C33180 ASSY: HYD RESERVOIR	1	1	1	1		1	1	1	7/7/89	
7	A	C33167 SLEEVE - INLET SUPPORT .562 X .028W X 2.3	1	1	1	1		1	1	1	7/7/89	
8	D	C31270 RESERVOIR - OIL	1	1	1	1		1	1	1	9/4/87	
9	A	C42540 SLEEVE - OUTLET SUPPORT .812 X .028W X 1.2	1	1	1	1		1	1	1	9/23/91	
10	B	C37093 CAP - TANK (PLASTIC) THD SIZE 1-1/2-6	1	1	1	1		1	1	1	6/20/91	
11												
12												
13												
14	A	800101 OIL - ENGINE 20W40 REF. ONLY →	15.5 PTS.	15.5 PTS.	15.5 PTS.	15.5 PTS.		15.5 PTS.	15.5 PTS.	15.5 PTS.	12/21/07	QUANTITY USED SHOWN & STRUCTURE TO GROUP 15, PAGE 3.
15	-	113-208 BOLT 3/8-16 X 1-1/4 HX HD GR5 ZP	2	2	2	2		2	2	2		MOUNTS PUMP TO PLATE
16	-	131-1352 NUT 3/8-16 HX FL TOP LK ZP	2	2	2	2		2	2	2		
17	B	C33506 ARM - PUMP TORQUE	1	1	1			1	1	1	9/10/90	
18	B	C33552 ARM - PUMP TORQUE		1		1		1		1	9/10/90	
19												
20												
21												
22	A	C32437 MOUNT - RUBBER BUMPER-TORQUE ARM	1	1	1	1		1	1	1	11/1/88	
23	-	131-911 NUT 5/16-18 HX. SERR FL LK ZP	1	1	1	1		1	1	1		APPLY MED. STRENGTH ANAEROBIC ADHESIVE TO THREADS
CHANGES			CHANGES				CHANGES				PROJ. ENGR. J. MARTO	
RFP			9139	6/24/05								MGR. ENGR. J. MARTO
ADDED 4018-4 HAND SPD CONT'L			9186	10/3/06								DATE 6/24/05
ADDED 4001's WERE 4000's			9186	10/3/06								
SHEET 1 OF 5 WAS 1 OF 4			9185	2/15/07								
ADDED 4021PS-1 HAND SPD CONT'L			9196	4/3/07								
LN14 WAS 800100, ADDED REF. ONLY & NOTE			9195	12/21/07								
ADDED 3000's			9209	3/23/09								
											BOM P/N: 10M1501 MODEL NO. 3,4000's, 4200's	
											SHEET 1 OF 5 DIVISION 10M GROUP 15	

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	DATE	NOTES
1													
2	-	83-55 SCREW - SET 5/16-18 X 5/16 HX SOC CUP PT	2	2	2	2	2	2	2	2	2		ATT. PUMP TO ADAPTER, TIGHTEN SETSCREW CLOSEST TO PUMP FIRST
3	A	C49294 PILOT - PUMP ADAPTER 1.123 OD X .74 LG	1	1	1	1	1	1	1	1	1	10/5/07	APPLY STA-LOK No. 1450 SEALANT
4													
5													
6													
7													
8													
9	-	113-122 BOLT 5/16-18 X 1-1/2 HX HD GR5 ZP	2	2	2	2	2	2	2	2	2		ADAPTER, SPACER C46079 TO FLYWHEEL
10													
11	-	192-20 WASHER LOCK 5/16 ZP	2	2	2	2	2	2	2	2	2		
12	A	C48497 ADAPTER - PUMP DRIVE .75 BORE	1					1				2/5/04	APPLY MED. STRENGTH ANAEROBIC ADHESIVE TO PUMP SHAFT BEFORE ASSY.
13													
14	A	C48498 ADAPTER - PUMP DRIVE .50 BORE	1					1	1	1		2/5/04	APPLY MED. STRENGTH ANAEROBIC ADHESIVE TO PUMP SHAFT BEFORE ASSY.
15													
16													
17													
18													
19													
20													
21													
22													
23													
CHANGES													
RFP		ECN	DATE	CHANGES								ECN	DATE
LN 3 WAS C47852		9159	6/24/05	QTY:1, LN 6 WAS C46080 QTY:1, LN 7 WAS								9195	12/9/07
ADDED 4018-4 HAND SPD CONT'L		9186	9/15/05	C31963 QTY:1								9195	12/9/07
4200's WERE 4000's		9186	10/3/06	ADDED TO 18 HP MODELS: LNS 3 & 14								9195	12/9/07
LNS 16 THRU 23 MOVED TO SHEET 5		9186	10/3/06	LN 10 DEL. WAS 113-103 QTY:2 FROM 21&23 HP								9195	12/9/07
SHEET 2 OF 5 WAS 2 OF 4		9185	2/15/07	ADDED 3000's								9209	3/23/09
ADDED 4021PS-1 HAND SPD CONT'L		9185	2/15/07										
LN 3 WAS C48744 & .74 LG WAS .50		9196	4/3/07										
DEL. FROM 18 HP MODELS : LN 5 WAS C44854		9195	10/5/07										
BOM P/N: 10M1502 MODEL NO 3,4000's, 4200's													
SHEET 2 OF 5 DIVISION 10M GROUP 15													

ENGINEERING PARTS LIST



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LINE NO.	DWG. NO.	SIZE	PART NO. & DESCRIPTION	HAND SPD CONT'L				FOOT SPD CONT'L				DATE	RELEASE	NOTES
				4018-4	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS			
1														
2	A	800101	OIL - ENGINE 20W40	REF. ONLY →										
3	A	800101	OIL - ENGINE 20W40	1 PT. 2.5 GL.	1 PT. 2.5 GL.	1 PT. 2.5 GL.	1 PT. 2.5 GL.	1 PT. 2.5 GL.	1 PT. 2.5 GL.	1 PT. 2.5 GL.	1 PT. 2.5 GL.	12/21/07		OIL IN TRANAXLE STRUCTURE TO LN 3
4														3.5 PTS - ENGINE
5														15.5 PTS - HYDRAULIC CIRCUIT
6														1 PT. - TRANAXLE CASE
7														20 PTS (2.5 GALLONS) TOTAL
8														
9														
10														
11	A	C48782	WMT- BRACKET, OIL FILTER (3,4000'S)	1	1	1	1	1	1	1	1	9/16/05		PAINT BLACK
12	A	C48783	BRACKET - OIL FILTER	1	1	1	1	1	1	1	1	9/16/05		
13	-	129-710	NUT WELD 1/4-20 SPOT SINGLE TAB	2	2	2	2	2	2	2	2			
14														
15														
16	B	C33446	FILTER - HEAD	1	1	1	1	1	1	1	1	8/9/90		
17	-	121-21	BOLT 1/4-20 X 1/2 HX SERR FL LK ZP	4	4	4	4	4	4	4	4			2) ATT. FILTER BRKT. TO TOWER
18														2) ATT. FILTER HEAD TO BRACKET
19	-	217-333	HOSE CONNECTOR - BARB STEM	1	1	1	1	1	1	1	1			
20														HEAD - OIL FILTER "IN"
21	B	C33445	FILTER - SPIN ON	1	1	1	1	1	1	1	1	8/9/90		HAND TIGHTEN
22	A	C44911	FITTING - RETURN "I"	1	1	1	1	1	1	1	1	9/3/93		HEAD - OIL FILTER "OUT"
23	-	218-753	CAP NUT 5/16 X 1/2-20	1	1	1	1	1	1	1	1	9/3/93		ATT. TO FITTING - RETURN "I" CASE DRAIN
CHANGES				CHANGES				CHANGES						
RFP			ECN DATE											
LN 11 WAS C33564, LN 12 WAS C33568			9159 6/24/05											PROJ. ENGR. J. MARTO
ADDED 4018-4 HAND SPD CONT'L			9163 9/16/05											MGR. ENGR. J. MARTO
4200'S WERE 4000'S			9186 10/3/06											WRITTEN BY M. BERNDT
SHEET 3 OF 5 WAS 3 OF 4			9185 2/15/07											DATE 6/24/05
ADDED 4021PS-1 HAND SPD CONT'L			9196 4/3/07											MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
LN 2 WAS 800100, ADDED REF. ONLY & NOTE			9195 12/21/07											GROUP NAME HYD: FILTER, FILTER BRACKET
LN3 ADDED 800101 QTY: 2.5 GL.			9195 12/21/07											BOM P/N: 10M1503
ADDED 3000'S			9209 3/23/09											MODEL NO 3,4000'S, 4200'S
														SHEET 3 OF 5 DIVISION 10M GROUP 15

ENGINEERING PARTS LIST

HAND SPD CONT'L

FOOT SPD CONT'L



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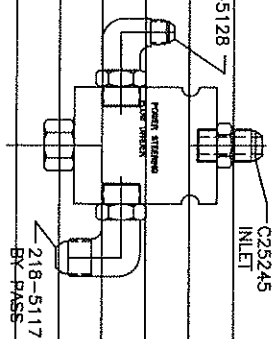
LINE NO.	DWG. NO.	PART NO. & DESCRIPTION	30	30	30	40	40	40	DATE	NOTES
1	B	C45916 SHIELD - HEAT EXCHANGER	1	1	1	1	1	1	5/3/95	MOUNT BETWEEN EXCHANGER & TOWER
2	B	C48784 EXCHANGER - HEAT	1	1	1	1	1	1	9/16/05	
3	A	C33544 TUBE - "U" FILTER TO TANK	1	1	1	1	1	1	9/10/90	
4	A	C33555 HOSE 90 DEG 3/4 ID X 5.0 X 6-1/4	1	1	1	1	1	1	9/10/90	HEAT EXCHANGER: LOWER TUBE TO FILTER
5	A	C33556 HOSE 90 DEG 3/4 ID X 3.5 X 3.5	1	1	1	1	1	1	9/10/90	HEAT EXCHANGER: UPPER TUBE TO T.V. TUBE
6	A	C14619 HOSE - 3/4 ID X 4.0 LONG	2	2	2	2	2	2		1) FILTER TO "U" TUBE 2) SUCTON HOSE 8 RETURN HOSE(S)
7	A	C48788 CLAMP - HOSE .81/1.38 w/INNER SHIELD	10	10	10	10	10	10	9/16/05	
8										
9										
10	B	C31966 HOSE (ASSY) HYD 1/2" 1.23(37) X 20 3000 PSI	1	1	1	1	1	1		PUMP TO VALVE
11	B	C33557 HOSE (ASSY) HYD 1/2" 1.23 X 8.62 2500 PSI	1	1	1	1	1	1		PUMP TO REGULATOR
12	B	C33765 HOSE (ASSY) HYD 1/2" X 9.56 (M) X (FM)	1	1	1	1	1	1	11/9/90	REGULATOR TO TUBE (VALVE INLET)
13	-	218-5117 FITG 90 ADJ ELB 5/8T 37F X 3/4-16 O-RING	1	1	1	1	1	1		PUMP OULET
14										
15										
16										
17										
18										
19										
20	A	C31973 NUT "J" 1/4-20 TINNERMAN	4	4	4	4	4	4		MOUNT TO HEAT EXCH. MTG. FLANGE
21	A	C31974 CLIP "U" TINNERMAN	1	1	1	1	1	1		ATT HEAT EXCH TO TOWER - LOWER FRONT
22										
23										
CHANGES			CHANGES			CHANGES				
RFP		ECN DATE	CHANGES			ECN DATE			PROJ. ENGR. J. MARTO MGR. ENGR. J. MARTO	
LN 2 WAS C31295, LN 3 WAS C33544,	9159	6/24/05	LN 5, 16 & 17 MOVED TO SHEET 5			9185			2/15/07	
LN 4 WAS C33555, LN 5 WAS C33556	9163	9/16/05	SHEET 4 OF 5 WAS 4 OF 4			9185			2/15/07	
LN 6 DEL. WAS C14616 QTY 2	9163	9/16/05	LN 7 DESCPTN WAS SAE A #36, QTY 7 WAS 5			9194			3/12/07	
LN 7 WAS 214-254, QTY 5 AS 8	9163	9/16/05	LN 9 DEL. WAS 214-455 CLAMP SAE 16 QTY: 2			9194			3/12/07	
ADDED 4018-4 HAND SPD CONT'L	9186	10/3/06	ADDED 4021PS-1 HAND SPD CONT'L			9196			4/3/07	
4200's WERE 4000's	9186	10/3/06	LN3 WAS C48785, LN 4 WAS C48786, LN 5 WAS			9195			9/5/07	
LN 13 QTY 1 PER 4221PS & 4223PS WAS 2	9185	2/15/07	LN 6 QTY: 2 WAS 1			9195			5/2/08	
AND QTY 1 MOVED TO SHEET 5	9185	2/15/07	ADDED 3000's			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			HYD: HEAT EXCH'R, HOSES, REG. V.	
BOM P/N:			10M1504			MODEL NO			3,4000's, 4200's	
SHEET 4			OF 5			DIVISION			10M GROUP 15	

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LINE NO.	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	A	C49123	ASSY: REGULATOR VALVE & MOUNTING BRKT.	1		1			1		1	2/15/07		
2	-	113-132	BOLT 1/4-20 X 1-3/4 HX HD GR5 ZP	2		2			2		2			REGULATOR TO MTG. BRACKET
3	-	131-69	NUT 5/16-18 HX LK W/NYLON INSERT ZP	1		1			1		1			MTG. BRACKET TO STEERING SUPPORT BRKT.
4	-	131-934	NUT 1/4-20 HX SER FL LK ZP	2		2			2		2			REGULATOR TO MTG. BRACKET
5	-	195-2175	WASHER .344 X 1.25 X .075 ZP	1		1			1		1			CUSHION
6	-	218-5117	FT'G 90 ADJ ELB 5/8T 37F X 3/4-16 O-RING	1		1			1		1			STEERING SUPPORT
7	-	218-5128	FT'G 90 ADJ ELB 3/8T 37F X 3/4-16 O-RING	1		1			1		1			CUSHION
8	A	C15410	WASHER - RUBBER .38 X 1.50 X .50	2		2			2		2			
9	A	C25245	FT'G CONNTR 5/8T 37F X 3/4-16 O-RING	1		1			1		1			REGULATOR
10	A	C33554	VALVE - REGULATOR	1		1			1		1			WHIZ NUT
11	A	C33762	HOSE (ASSY) HYD 1/4 X 14.75	1		1			1		1			REGULATOR TO STEERING PUMP "IN"
12	A	C33763	WMT- BRACKET, REGULATOR MOUNT	1		1			1		1			
13	-	13-524	BOLT 5/16-18 X 1-1/2 HX HD PLAIN	1		1			1		1			
14	A	C33764	PLATE - MOUNTING	1		1			1		1			
15														
16														
17														
18														
19														
20														
21														
22														
23														
CHANGES				CHANGES				CHANGES				CHANGES		
ADDED SHEET 5, LN 1 NEW P/N				ECN DATE				ECN DATE				PROJ. ENGR. J. MARTO		
ADDED 4021PS-1 HAND SPD CONT'L				9185 2/15/07				9196 4/3/07				MGR. ENGR. J. MARTO		
ADDED 3000's				9209 3/23/09								DATE 2/15/07		
												MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L		
												GROUP NAME REGULATOR VALVE		
												BOM P/N: 10M0302 MODEL NO 3,4000's, 4200's		
												SHEET 5 OF 5 DIVISION 10M GROUP 15		



ENGINEERING PARTS LIST

ENGINEERING PARTS LIST

EP1-1

LINE NO.	DWG. NO. & SIZE	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	A	C10487 KNOB - SHIFT 1.37/1.50 OD 3/8-16	1	1	1	1	1	1	1	1	1	1	1	1	SECURE TO TRANS. SHIFT LEVER
2															
3	C	C44931 WMT- SHIFT LEVER TRANS. (3000'S)	1	1	1									9/3/93	
4	A	C44933 ROD - SHIFT TRANS (UPPER) (LC)	1	1	1									9/3/03	
5	B	C37246 LEVER - SHIFT (LOWER)	1	1	1									7/8/91	
6															
7	C	C44932 WMT- SHIFT LEVER, TRANS. (4000'S)				1	1	1	1	1	1	1	1	9/3/93	
8	A	C44934 ROD - SHIFT TRANS. (UPPER)				1	1	1	1	1	1	1	1	9/3/93	
9	B	C37246 LEVER - SHIFT (LOWER)				1	1	1	1	1	1	1	1	7/8/91	
10															
11															
12	A	C10482 SPRING - COMPRESSION	1	1	1	1	1	1	1	1	1	1	1		
13	-	195-525 WASHER .406 X .812 X .051/.080 ZP	1	1	1	1	1	1	1	1	1	1	1		ATT. SHIFT LEVER WMT.
14	-	132-310 PIN - COTTER 1/8 X 1" ZP	1	1	1	1	1	1	1	1	1	1	1		TO SEAT SUPPORT
15															
16	B	C37428 WMT- PLATE, SHIFT PATTERN (LC)	1	1	1									7/8/91	
17	B	C37429 PLATE - SHIFT PATTERN (LC)	1	1	1									7/8/91	
18	-	129-710 NUT WELD 1/4-20 SPOT SINGLE TAB	2	2	2										
19															
20	B	C37430 WMT- PLATE, SHIFT PATTERN (HC)				1	1	1	1	1	1	1	1	7/8/91	
21	B	C37431 PLATE - SHIFT PATTERN (HC)				1	1	1	1	1	1	1	1	7/8/91	
22	-	129-710 NUT WELD 1/4-20 SPOT SINGLE TAB				2	2	2	2	2	2	2	2		
23	A	C31597 SCREW 1/4-20 X 1/2 PHL PH BLK TF	2	2	2	2	2	2	2	2	2	2	2		
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, ADDED LNS 16, 17, 18		9208	3/23/09												
PROJ. ENGR. J. MARTO			MGR. ENGR. J. MARTO			DATE 6/24/05									
WRITTEN BY M. BERNDT															
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L															
GROUP NAME CONTROLS - TRAVEL: HI-LO R. AXLE															
BOM P/N: 10M1601 MODEL NO 3,4000'S, 4200'S															
SHEET 1 OF 6 DIVISION 10M GROUP 16															



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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	A	C46481 GRIP - LEVER HANDLE BLACK (FITS .50 OD)	1	1	1	1	1	1	1	1	1	1	5/16/96
2	A	C29636 BUSHING .50 X .615 X .480 FLIP-LOK	1	1	1	1	1	1	1	1	1	1	
3	A	C48384 WMT - TRAVEL CONTROL LEVER 3,4000's	1	1	1	1	1						
4	A	C48702 WMT - TRAVEL CONTROL LEVER 4200's						1	1	1	1	1	6/24/05
5	A	C28314 KEY - .25 SQ. X 1.375	1	1	1	1	1	1	1	1	1	1	
6	A	C37251 ARM - CONTROL	1	1	1	1	1	1	1	1	1	1	
7	A	C32510 TAB - TRAVEL CONTROL 3,4000's	1	1	1	1	1	1	1	1	1	1	6/27/91
8	A	C48703 TAB - TRAVEL CONTROL F-N-R						1	1	1	1	1	6/24/05
9													
10	A	C48704 ROD - CONTROL LEVER	1	1	1	1	1	1	1	1	1	1	6/24/05
11													
12	A	C25178 WASHER .630 X .938 X .018/.023 YW ZP	1	1	1	1	1	1	1	1	1	1	
13	A	C44383 BEARING - THRUST WASHER .510 X 1.00 X .125	1	1	1	1	1	1	1	1	1	1	12/22/92
14	A	C31681 SPRING - COMPRESSION	1	1	1	1	1	1	1	1	1	1	
15	-	138-2025 PIN - SPIROL 1/8 X 1-1/2 ZP	1	1	1	1	1	1	1	1	1	1	10/8/03
16													
17	A	C31670 ROD - CONTROL VALVE	1	1	1	1	1						
18	-	129-122 NUT 5/16 HEX ZP	1	1	1	1	1						
19	-	132-320 PIN - COTTER 3/32 X 3/4 ZP	1	1	1	1	1						
20	A	C44384 STRAP - RETAINER	1	1	1	1	1						
21	-	113-3 BOLT 1/4-20 X 3/4 HX HD GR5 ZP	2	2	2	2	2						
22	-	192-19 WASHER LOCK 1/4 ZP	2	2	2	2	2						
23	-	129-101 NUT 1/4-20 HEX ZP	2	2	2	2	2						
CHANGES			ECN	DATE	LN 9 DEL. C48385 LEVER QTY: 1 FROM 4018-4	9169 1/17/07	9169 1/17/07	9169 1/17/07	9169 1/17/07	9169 1/17/07	9169 1/17/07	9169 1/17/07	PROJ. ENGR. J. MARTO
CHANGES			ECN	DATE	LN 10 DEL. C48704 LEVER QTY: 1 TO 4018-4	9169 1/17/07	9169 1/17/07	9169 1/17/07	9169 1/17/07	9169 1/17/07	9169 1/17/07	9169 1/17/07	WRITTEN BY M. BERNDT
CHANGES			ECN	DATE	ADDED 4018-4 HAND SPD CONT'L	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	DATE 6/24/05
CHANGES			ECN	DATE	ADDED 4021PS-1 HAND SPD CONT'L	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
CHANGES			ECN	DATE	ADDED 3000's	9209 3/23/09	9209 3/23/09	9209 3/23/09	9209 3/23/09	9209 3/23/09	9209 3/23/09	9209 3/23/09	GROUP NAME CONTROLS - TRAVEL: TRAVEL LEVER
CHANGES			ECN	DATE	ADDED LNS 3, 7, 9 LNS ADDED TO 4018-4	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	BOM P/N: 10M1602 MODEL NO 3,4000's, 4200's
CHANGES			ECN	DATE	LN CHANGES: 5 WAS 7, 6 WAS 4, 8 WAS 5,	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	10M1602 MODEL NO 3,4000's, 4200's
CHANGES			ECN	DATE	10 WAS 6, 12 WAS 8, 13 WAS 9, 14 WAS 10,	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	SHEET 2 OF 6 DIVISION 10M GROUP 16
CHANGES			ECN	DATE	15 WAS 12, ADDED LNS 17-19	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	9186 10/3/06	

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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	A	C48705 ASSY: BELLCRANK, SPEED CONTROL						1	1	1	1	6/24/05	
2	-	219-403 FIT'G GREASE ZERK 1/4 DIA. DRIVE ON						1	1	1	1		
3	A	900011 GREASE SYN/LITHIUM MOBILITH SHC 460						2 oz	2 oz	2 oz	2 oz		
4	A	C13106 COVER - GREASE ZERK FITTING						1	1	1	1		
5	B	C48706 WMT - BELLCRANK, SPEED CONTROL						1	1	1	1	6/24/05	
6	-												
7	-	129-440 NUT WELD 5/16-18 SPOT SINGLE TAB						3	3	3	3		
8	A	C48708 BRACKET - BELLCRANK MOUNT						1	1	1	1	6/24/05	
9	A	C48709 WMT/SUB: LOWER ARM & ROD						1	1	1	1	6/24/05	
10	A	C48711 ROD - .50 X 4.12						1	1	1	1	6/24/05	
11	A	C48712 ARM - LOWER BELLCRANK S.C.						2	2	2	2	6/24/05	
12	A	C48768 SWIVEL - BELLCRANK S.C.						1	1	1	1	9/16/05	
13	A	C48710 ARM - UPPER BELLCRANK S.C.						1	1	1	1	6/24/05	
14	A	C48713 HUB .51 X .75 X 3.40						1	1	1	1	6/24/05	
15	-	113-118 BOLT 5/16-18 X 5/8 HX HD GR5 ZP						3	3	3	3		2 EA. BELLCRANK TO RH FRAME RAIL UPPER HOLES 1 EA. STRAP TO RH FRAME RAIL
16	-	192-20 WASHER LOCK 5/16 ZP						3	3	3	3		
17	A	C48730 STRAP - SPRING ANCHOR						1	1	1	1	6/24/05	
18	-												
19	A	C48714 WMT - CAM PLATE, TRAVEL CONTROL						1	1	1	1	6/24/05	SECURE TO BELLCRANK BEFORE SECURING
20	A	C48746 PIN - SHOULDER						1	1	1	1	6/24/05	BELLCRANK TO FRAME RAIL
21	B	C48715 PLATE - CAM, TRAVEL CONTROL						1	1	1	1	6/24/05	
22	A	C48716 PIN .38 X .56						1	1	1	1	6/24/05	
23	-	132-320 PIN - COTTER 3/32 X 3/4 ZP						1	1	1	1		
CHANGES													
RFP		ECN DATE	CHANGES				ECN DATE	PROJ. ENGR. J. MARIO					MGR. ENGR. J. MARIO
LN 9 DESCRIPTION LOWER WAS UPPER		9159 6/24/05	LN 23 WAS 132-334 PIN-COTTER 1/8x3/4 ZP				9169 1/19/06	WRITTEN BY M. BERNDT					DATE 6/24/05
LN 10, 4, 12 WAS 3.80, LN 11 WAS C48710		9163 9/16/05	LN 7 QTY: 3 WAS 2				9169 1/19/06	MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L					
LN 12 ADDED C48768, LN 13 WAS C48712		9163 9/16/05	ADDED 4018-4 HAND SPD CONT'L				9186 10/3/06	GROUP NAME CONTROLS - TRAVEL: FOOT SPEED					
LN 14 3.40 WAS 3.28		9163 9/16/05	4200's WERE 4000's				9186 10/3/06	BOM P/N: 10M1603 MODEL NO. 3,4000's, 4200's					
LN 6 DELETED WAS C48707 WMT/SUB BRACKET		9164 11/28/05	ADDED 4021PS-1 HAND SPD CONT'L				9196 4/3/07	SHEET 3 OF 6 DIVISION 10M GROUP 16					
LN 7 & 8 MOVED UP 1 LEVEL		9164 11/28/05	ADDED 3000's				9209 3/23/08						
LN 15 & 16 QTY 3 WAS 1 & ADDED TO NOTES		9169 1/19/06											
LN 17 ADDED, WAS IN GR 1 SHT 16 LN 14		9169 1/19/06											

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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	C48717 PLATE - PIN GUIDE						1	1	1	1	6/24/05	PLATE TO CHASSIS - LOCITE
2	A	C48718 BOLT - SHOULDER 5/16 THD						1	1	1	1	6/24/05	
3	-	121-21 BOLT 1/4-20 X 1/2 HX SERR FL LK ZP						1	1	1	1		
4	-	192-19 WASHER LOCK 1/4 ZP						1	1	1	1		
5	A	C48719 BOLT/PIN - 3/8-16 X 1.25						1	1	1	1	6/24/05	GUIDE PLATE & CAM PLATE TO TRAVEL VALVE
6	-	192-21 WASHER LOCK 3/8 ZP						1	1	1	1		
7													
8	A	C48720 HUB - SHOULDER						1	1	1	1	6/24/05	ATTACH LINK TO HUB BEFORE SECURING HUB TO CHASSIS
9	-	111-243 BOLT CARR 5/16-18 X 1 SHT NK ZP						1	1	1	1		HUB TO CHASSIS
10	-	195-102 WASHER 1/4 USS FLAT .320 X .742 X .074 ZP						1	1	1	1		
11	-	131-69 NUT 5/16-18 HX LK W/NYLON INSERT ZP						1	1	1	1		
12													
13	A	C48721 WMT- LINK, F-N-R SELECTOR						1	1	1	1	6/24/05	ARM - CONTROL LEVER PUSH NUT
14	A	C48793 NUT 5/16-18 .50 RD X .50 LG						1	1	1	1	11/28/05	
15	A	C48722 LINK - SELECTOR F-N-R						1	1	1	1	6/24/05	SET GAP ONLY ENOUGH TO ALLOW "J" BOLT TO MOVE FREELY UP & DOWN.
16													
17	A	C48723 BOLT - "J" 5/16 .95 X 1.85 ZP						1	1	1	1	6/24/05	
18													
19	-	132-320 PIN - COTTER 3/32 X .750 ZP						1	1	1	1		"J" BOLT TO CONTROL LEVER
20	A	C30768 NUT - PUSH ON (.312) ZP						1	1	1	1		"J" TO CONTROL LEVER
21	A	C48762 ARM - FOOT PEDAL						1	1	1	1	9/16/05	SET CENTER HOLE
22	-	113-221 BOLT 3/8-16 X 7/8 HX HD GR5 ZP						1	1	1	1		SECURE TO FOOT PEDAL
23	-	192-21 WASHER LOCK 3/8 ZP						1	1	1	1		TOWARDS THE FRONT
CHANGES													
RFP		ECN DATE	CHANGES	ECN DATE	CHANGES	ECN DATE	CHANGES	ECN DATE	CHANGES	ECN DATE	CHANGES	ECN DATE	
LN 3 WAS 113-101, LN 6 ADDED, LN 11 WAS		9159 6/24/05	4200's WERE 4000's	9186 10/3/06									PROJ. ENGR. J. MARIO MGR. ENGR. J. MARIO
LN 9-102 NUT 5/16 -18 HX LN 12 DELETED		9164 11/28/05	ADDED 4021PS-1 HAND SPD CONT'L	9186 4/3/07									WRITTEN BY M. BERNDT DATE 6/24/05
WAS 192-20 WASHER LK 5/16, LN 15 WAS		9164 11/28/05	LN 18 DEL. WAS 129-102 NUT 5/16-18 QTY:1	9195 9/5/07									MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
25-105 NUT 5/16-18 HX		9164 11/28/05	ADDED 3000's	9209 3/23/09									GROUP NAME CONTROLS - TRAVEL: FOOT SPEED
LN 4 ADDED		9169 1/19/06											BOM P/N: 10M1604 MODEL NO 3,4000's, 4200's
LN 20 ADDED		9173 2/24/06											SHEET 4 OF 6 DIVISION 10M GROUP 16
ADDED 4018-4 HAND SPD CONT'L		9186 10/3/06											

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ENGINEERING PARTS LIST												HAND SPD CONT'L				FOOT SPD CONT'L				INGERSOLL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
PART NO. & DESCRIPTION												3018-4				3021PS-1				3023-1				4018-4				4021PS-1				4218				4221				4221PS				4223				4223PS				RELEASE		DATE		NOTES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
LINE NO.	DWG. NO.	1	A	C48724	ASSY: LOCATOR - TRAVEL CONTROL (3 SWITCHES)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												</

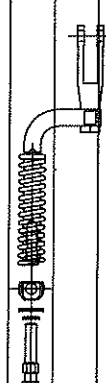
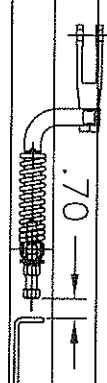
ENGINEERING PARTS LIST

HAND SPD CONT'L

FOOT SPD CONT'L



Ingersoll
Ingersoll Tractor Co.
Portland, ME 04103

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	C48727 ASSY: ROD/PIN, SPEED CONTROL						1	1	1	1	1	6/24/05	
2	-	138-2071 PIN - SPIROL 3/16 X 15/16						1	1	1	1	1		
3	A	C48801 WMT- ROD - SPEED CONTROL						1	1	1	1	1	11/28/05	
4	-	213-4 YOKE 3/8" SAE STEEL						1	1	1	1	1		
5	A	C48729 ROD - SPEED CONTROL						1	1	1	1	1	6/24/05	
6	-	114-200 BOLT 3/8-24 X 1 HX HD GR5 ZP						1	1	1	1	1		
7														
8	-	132-320 PIN - COTTER 3/32 X 3/4 ZP						1	1	1	1	1		CLEVIS PIN
9	-	141-54 PIN - CLEVIS SAE 3/8 X 1.062 ZP						1	1	1	1	1		ROD/CLEVIS TO FOOT PEDAL
10														
11														
12	A	C48769 BRACKET - STOP, FOOT S.C.						1	1	1	1	1	9/16/05	BRACKET TO R.H. FRAME RAIL
13	-	113-102 BOLT 5/16-18 X 3/4 HX HD GR5 ZP						2	2	2	2	2		
14	-	192-20 WASHER LOCK 5/16 ZP						2	2	2	2	2		
15	A	C36998 SPRING - EXTENSION .75 OD X 4.0						1	1	1	1	1		SECURE TO BELLCRANK & STRAP
16														
17	A	C48795 SPRING - COMPRESSION .60 X 3.77						1	1	1	1	1	11/28/05	
18	-	195-525 WASHER .406 X .812 X .051/.080 ZP						1	1	1	1	1		
19	-	192-21 WASHER - LOCK 3/8 ZP						1	1	1	1	1		
20	-	129-103 NUT 3/8-16 HEX ZP						1	1	1	1	1		
21	-	123-203 BOLT - TAP 3/8-16 X 2 HX HD GR5 ZP						1	1	1	1	1	9/16/05	
22														
23														
CHANGES														
RFP		ECN DATE	CHANGES				ECN DATE							
LN 3 WAS C28978 YOKE-PLASTIC, LN 4 DEL, WAS	9159 6/24/05	LN 18 WAS C30155 .406 X.625 X .119					9164 11/28/05							
C48728 WMT- ROD, QTY:1, LN 5 WAS C30155	9163 9/16/05	LN 2 DELETED 129-123 NUT, LN 4 213-4 WAS					9169 1/19/06							
LN 5&6 MOVED UP 1 LEVEL, LN 8 DEL, WAS	9163 9/16/05	213-41 & WAS ON LN 3 & 1 LEVEL UP					9169 1/19/06							
LN 8-525 WASHER QTY:1, LN 9 QTY: 1 WAS 2	9163 9/16/05	LN 6 ADDED WAS C48802 STUD,					9169 1/19/06							
LN 12-14,17-21 ADDED	9163 9/16/05	LN 8 WAS 132-310 PIN 1/8 X 1 ZP					9186 10/3/06							
LN 6 & 8 ADDED, LN 7 WAS ON LN 6 LEVEL 2	9164 11/28/05	ADDED 4018-4 HAND SPD CONT'L,					9186 10/3/06							
LN 13 WAS 113-206 3/8-16, LN14 WAS 192-21	9164 11/28/05	ADDED 4021PS-1 HAND SPD CONT'L					9196 4/3/07							
3/8, LN 17 WAS C45407 .56 ID X 3.5	9164 11/28/05	ADDED 3000's					9209 3/23/09							
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 CONTROLS - TRAVEL: FOOT SPEED														
BOM P/N: 10M1606 MODEL NO 3,4000's, 4200's														
SHEET 6 OF 6 DIVISION 10M GROUP 16														

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	RELEASE	NOTES
			3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS	
1	A	C48421 ASSY: IMPLEMENT LIFT LEVER CONTROL	1	1	1	1	1	1	1	1	10/8/03		
2	A	C48422 WMT - IMPLEMENT LIFT LEVER CONTROL	1	1	1	1	1	1	1	1	10/8/03		
3	A	C48704 ROD - CONTROL LEVER	1	1	1	1	1	1	1	1	6/24/05		
4	A	C16164 TAB - LIFT CONTROL	1	1	1	1	1	1	1	1			
5													
6	A	C44383 WASHER .51 X 1.00 X .125	1	1	1	1	1	1	1	1	12/22/92		
7	A	C31681 SPRING - COMPRESSION	1	1	1	1	1	1	1	1	1/29/88		ATT. LEVER WMT. TO CHASSIS
8	-	195-533 WASHER .531 X 1.062 X .097 ZP	1	1	1	1	1	1	1	1			
9	-	132-310 PIN - COTTER 1/8 X 1" ZP	1	1	1	1	1	1	1	1			
10													
11	A	C46481 GRIP - LEVER HANDLE BLACK (FITS .50 OD)	1	1	1	1	1	1	1	1	5/16/96		
12	A	C29636 BUSHING .50 X .615 X .480 FLIP-LOK	1	1	1	1	1	1	1	1			INSTALL IN INSTRUMENT TOWER
13	A	C25178 WASHER .630 X .938 X .018/.023 YW ZP	1	1	1	1	1	1	1	1			FLIP LOCK BUSHING, TOP OF PANEL
14													
15	A	C48770 WMT - LINK, LIFT CONTROL, VALVE	1	1	1	1	1	1	1	1	9/16/05		
16	A	C48747 ROD - LIFT CONTROL, VALVE	1	1	1	1	1	1	1	1	6/24/05		
17	A	C48771 TAB - LIFT SPOOL	1	1	1	1	1	1	1	1	9/16/05		
18													
19	A	C48817 BOLT/PIN 5/16-18 X .70	1	1	1	1	1	1	1	1	1/19/06		LINK TO CLEVIS - LIFT SPOOL
20	-	192-404 WASHER LOCK 5/16 SAE HI-COLLAR	1	1	1	1	1	1	1	1			
21	-	195-521 WASHER .344 X .688 X .051/.080 ZP	1	1	1	1	1	1	1	1			LINK TO IMPLEMENT LIFT LEVER
22	-	132-320 PIN - COTTER 3/32 X .75 ZP	1	1	1	1	1	1	1	1			
23													
CHANGES			CHANGES				CHANGES				CHANGES		
RFP		ECN	DATE					ECN	DATE				
LN 15 ADDED, LN 16 MOVED 1 LEVEL DOWN,		9159	6/24/05	4200's WERE 4000's				9186	10/3/06				
LN 17 DEL. 129-122 NUT QTY: 1 AT LEVEL 1		9163	9/16/05	LN 3 C48704 WAS C48423 LEVER - LIFT CONTROL				9189	1/17/07				
LN 17 ADDED, LNS 19 218-1093, 20 C44742 &		9163	9/16/05	ADDED 4021PS-1 HAND SPD CONT'L				9196	4/3/07				
21 C44743 MOVED TO SHEET 2,		9163	9/16/05	ADDED 3000's				9209	3/23/09				
LNS 19 & 20 ADDED		9163	9/16/05										
LN 19 WAS 141-52 PIN-CLEVIS QTY: 1		9169	1/19/06										
LN 20 WAS 132-329 PIN-COTTER QTY: 1		9169	1/19/06										
ADDED 4018-4 HAND SPD CONT'L		9186	10/3/06										
PROJ. ENGR. J. MARIO			MGR. ENGR. J. MARIO			DATE 6/24/05							
WRITTEN BY M. BERNDT													
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L													
GROUP NAME LIFT - IMPLEMENT: LIFT LEVER													
BOM P/N: 10M2001 MODEL NO 3,4000's, 4200's													
SHEET 1 OF 2 DIVISION 10M GROUP 20													

ENGINEERING PARTS LIST

Ingersoll

Ingersoll Tractor Co.
Portland, ME 04103

Hand SPD CONT'L

Foot SPD CONT'L

3018-4

3021PS-1

3023-1

4018-4

4021PS-1

4218

4221

4221PS

4223

4223PS

RELEASE DATE

NOTES

LINE DWG. NO. SIZE	PART NO. & DESCRIPTION	HAND SPD CONT'L					FOOT SPD CONT'L					RELEASE DATE	NOTES
1 C	C26493 CYLINDER (ASSY) HYD LIFT	1	1	1	1	1	1	1	1	1			PAINT BLACK (LOW TEMP)
2													
3 -	218--1093 FIT'G 45 DEG ELBOW 5/16 T X 1/4 NPT	1	1	1	1	1	1	1	1	1			ROD END OF CYLINDER
4 A	C44742 HOSE (ASSY) HYD 1/4". .76 X 17.0 1000 PSI	1	1	1	1	1	1	1	1	1	7/10/93		ROD END
5 A	C44743 HOSE (ASSY) HYD 1/4". .76 X 23.25 1000 PSI	1	1	1	1	1	1	1	1	1	7/10/93		FOOT END
6													
7 A	C26188 PIN - CYLINDER FOOT .50 X 3.81	1	1	1	1	1	1	1	1	1			CYLINDER TO LIFT CYL. MTG. BRKT
8 A	C29693 PIN - CLEVIS 1/2 X 1.75 ZP	1	1	1	1	1	1	1	1	1			HEAD TOWARD L.H. SIDE CYLINDER ROD END TO BRACKET
9 -	132--310 PIN - COTTER 1/8 X 1" ZP	2	2	2	2	2	2	2	2	2			1 PER PIN
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
CHANGES		ECN	DATE	CHANGES		ECN	DATE	PROJ. ENGR. J. MARTO MGR. ENGR. J. MARTO					
LN 3 - 5 ADDED. WERE ON SHEET 1		9159	6/24/05					WRITTEN BY M. BERNDT DATE 6/24/05					
ADDED 4018-4 HAND SPD CONT'L.		9163	9/16/05					MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L					
4200's WERE 4000's		9186	10/3/06					GROUP NAME LIFT - IMPLEMENT: CYLD'R & HOSES					
ADDED 4021PS-1 HAND SPD CONT'L		9196	4/3/07					BOM P/N: 10M2002 MODEL NO 3,4000's, 4200's					
ADDED 3000's		9209	3/23/09					SHEET 2 OF 2 DIVISION 10M GROUP 20					

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	DATE	NOTES
1	C	C44925 WMT- FRONT SEAT SUPPORT (LC)	1	1	1								9/3/93	
2	C	C44926 WMT- FRONT SEAT SUPPORT (HC)				1	1	1	1	1	1	1	9/3/93	
3	C	C37263 SUPPORT - SEAT, FRONT (LC)	1	1	1								7/8/91	
4	C	C37264 SUPPORT - SEAT, FRONT (HC)				1	1	1	1	1	1	1	7/8/91	
5	-	129-710 NUT WELD 1/4-20 SPOT SINGLE TAB	2	2	2	2	2	2	2	2	2	2		
6	-	129-767 NUT WELD 5/16-18 HX LONG PILOT	4	4	4	4	4	4	4	4	4	4		
7	A	C37397 PIN - SHIFT PIVOT 3/8 DIA.	1	1	1	1	1	1	1	1	1	1	7/8/91	
8	-	129-462 NUT WELD BRACKET 1/4-20 PROJ	2	2	2	2	2	2	2	2	2	2		
9														
10	C	C37265 WMT- REAR SEAT SUPPORT (LC)	1	1	1								7/8/91	
11	C	C37266 WMT- REAR SEAT SUPPORT (HC)				1	1	1	1	1	1	1	7/8/91	
12	C	C37267 SUPPORT - SEAT, REAR LC	1	1	1								7/8/91	
13	C	C37268 SUPPORT - SEAT, REAR HC				1	1	1	1	1	1	1	7/8/91	
14	-	129-767 NUT WELD 5/16-18 HX LONG PILOT	2	2	2	2	2	2	2	2	2	2		
15	-	113-6 BOLT 1/4-20 X 3/8 HX HD GR5 ZP	1	1	1	1	1	1	1	1	1	1		
16	-	195-518 WASHER .281 X .625 X .051/.080 ZP	1	1	1	1	1	1	1	1	1	1		FRONT SEAT SUPPORT (1) LOWER HOLE & WIRE CLIP
17	-	113-427 BOLT 1/2-13 X 3-1/4 HX HD GR5 ZP	2	2	2									ATT. SUPPORTS THRU FRAME INTO TRANS.
18	-	113-424 BOLT 1/2-13 X 1 HX HD GR5 ZP	1	1	1	1	1	1	1	1	1	1		
19	-	113-441 BOLT 1/2-13 X 2-1/4 HX HD GR5 ZP				2	2	2	2	2	2	2		
20	-	192-23 WASHER LOCK 1/2 ZP	3	3	3	3	3	3	3	3	3	3		
21														
22	-	113-118 BOLT 5/16 X 5/8 HX HD GR 5 ZP	1	1	1	1	1	1	1	1	1	1		ATT. SUPPORT TO FRAME
23	-	192-20 WASHER LOCK 5/16 ZP	1	1	1	1	1	1	1	1	1	1		
CHANGES			CHANGES			CHANGES			CHANGES			CHANGES		
RFP		ECN DATE				ECN DATE								
ADDED 4018-4 HAND SPD CONT'L		9159 6/24/05												PROJ. ENGR. J. MARTO MGR. ENGR. J. MARTO
4200's WERE 4000's		9186 10/3/06												WRITTEN BY M. BERNDT DATE 6/24/05
ADDED 4021PS-1 HAND SPD CONT'L		9196 4/3/07												MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
ADDED 4021PS-1 HAND SPD CONT'L		9196 4/3/07												GROUP NAME SHEET METAL - REAR: SEAT SUPRT'S
ADDED 3000's, ADDED LNS 1, 3, 10, 12, 17		9208 3/23/09												BOM P/N: 10M2301 MODEL NO 3,4000's, 4200's
														SHEET 1 OF 3 DIVISION 10M GROUP 23

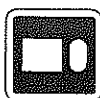
ENGINEERING PARTS LIST

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	C	C44929 COVER - SHIFT LEVER LC	1	1	1						9/3/93		
2	C	C44930 COVER - SHIFT LEVER HC			1	1		1	1	1	9/3/93		
3	A	C31597 SCREW 1/4-20 X 1/2 PHL PH BLK TF	6	6	6	6		6	6	6			4) COVER TO CHASSIS 2) ONE EACH FENDER TO FOOTREST
4	B	C37460 WMT - COVER PLATE	1	1	1	1		1	1	1			
5	B	C37461 PLATE - COVER	1	1	1	1		1	1	1			
6	-	183-504 SCREW WELD 1/4-20 Z 1/2 PROJ RD HD	2	2	2	2		2	2	2			
7	-	195-2175 WASHER .344 X 1.25 X .075 ZP	2	2	2	2		2	2	2			
8	-	131-1180 NUT 1/4-20 HX CTR LK GR A ZP	4	4	4	4		4	4	4			(2) COVER PLATE TO COVER (1) PER FENDER TO FOOTREST
9	-	195-102 WASHER .312 X .750 X .062 ZP	2	2	2	2		2	2	2			1 PER FENDER TO FOOTREST
10	A	C29305 CAP - SPRING (BLACK) 1.75 ID X 1.5 LG	2	2	2	2		2	2	2			
11	B	C29306 SPRING - SEAT	2	2	2	2		2	2	2			
12	-	113-102 BOLT 5/16-18 X 3/4 HX HD GR5 ZP	2	2	2	2		2	2	2			(1) PER SPRING TO PAN - SEAT HINGE
13	-	131-911 NUT 5/16-18 HX SERR FL LK ZP	6	6	6	6		6	6	6			(2) PER FENDER - LOWER MTG.
14	-												
15	-	121-106 BOLT 5/16-18 X 1/2 HX SERR FL LK ZP	10	10	10	10		10	10	10			(4) PER FENDER TO SEAT SUPPORT (2) TOOL TRAY TO SEAT SUPPORT
16	-												
17	A	C47981 PAN - SEAT HINGE	1	1	1	1		1	1	1	7/1/02		
18	B	C37017 TRAY - TOOL	1	1	1	1		1	1	1			
19	A	C16429 PIN - SEAT HINGE 5/16 X 12.5	1	1	1	1		1	1	1			
20	-												
21	-												
22	-												
23	-												
CHANGES			CHANGES				CHANGES				CHANGES		
RFP		ECN DATE	ECN DATE				ECN DATE				ECN DATE		
ADDED 4018-4 HAND SPD CONT'L		9159 6/24/05											
ADDED 4200's WERE 4000's		9186 10/3/06											
ADDED 4021PS-1 HAND SPD CONT'L		9196 4/3/07											
LN22 DEL. WAS C47978 QTY:1, MOVED TO SHT. 3		9195 12/8/07											
LN23 DEL. WAS C47979 QTY:1, MOVED TO SHT. 3		9195 12/8/07											
ADDED 3000's, ADDED LN 1		9209 3/23/08											
PROJ. ENGR. J. MARTO			MGR. ENGR. J. MARTO				DATE 6/24/05				WRITTEN BY M. BERNDT		
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L			GROUP NAME SHEET METAL - REAR: COVERS				BOM P/N: 10M2302 MODEL NO. 3,4000's, 4200's				SHEET 2 OF 3 DIVISION 10M GROUP 23		



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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	4225PS	
1	A C48337 ASSY: SEAT, SWITCH& FORE AFT ADJUSTER	1	1	1	1	1	1	1	1	1		
2	- 187-1036 SCREW 1/4-20x1/2 SELF TAP "D" HX FL HD ZP	2	2	2	2	2	2	2	2	2		
3	A C30938 SWITCH - SEAT (NORMALLY CLOSED)	1	1	1	1	1	1	1	1	1		
4	A C47978 KIT - SEAT ADJUSTERS, FORE/AFT	1	1	1	1	1	1	1	1	1		
5	A C47979 SEAT - 15" HIGH BACK	1	1	1	1	1	1	1	1	1		
6												
7												
8												
9												
10	D C37153 FENDER - LH LC (WMT)	1	1	1								
11	D C37154 FENDER - RH LC (WMT)	1	1	1								
12												
13												
14												
15												
16	D C37155 FENDER - LH HC (WMT)				1	1	1	1	1	1		
17	D C37156 FENDER - RH HC (WMT)				1	1	1	1	1	1		
18												
19												
20												
21	C C42155 PROTECTOR - TAILLIGHT	2	2	2	2	2	2	2	2	2		
22	A C22947 TIE - CABLE .15 X 8" NYLON (BLACK)	4	4	4	4	4	4	4	4	4		
23												
CHANGES		CHANGES				CHANGES				CHANGES		PROJ. ENGR. J. MARTO
RFP		ECN	DATE			ECN	DATE					
ADDED 4018-4 HAND SPD CONT'L		9159	6/24/05									MGR. ENGR. J. MARTO
4200's WERE 4000's		9186	10/3/06									
ADDED 4021PS-1 HAND SPD CONT'L		9196	4/3/07									DATE 6/24/05
ADDED LNS 1 THRU 5		9195	12/8/07									
ADDED 3000's, ADDED LNS 10 & 11		9209	3/23/09									BOM P/N: 10M2303 MODEL NO 3,4000's, 4200's
												SHEET 3 OF 3 DIVISION 10M GROUP 23

ENGINEERING PARTS LIST



Ingersoll
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Portland, ME 04103

PART NO. & DESCRIPTION

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

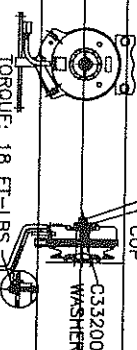
FOOT SPD CONT'L
4218
4221
4221PS
4223
4223PS

RELEASE
DATE

NOTES

REF. ASSEMBLY
DRWG: C48626

TORQUE: 50 FT-LBS
WASHER
CUP



TORQUE: 18 FT-LBS
ATT. CLUTCH ASSY. STOP TO BRKT.

BETWEEN CRANKSHAFT & CLUTCH

CLUTCH MUST MOVE FREELY ABOUT BRACKET

CLUTCH TO CRANKSHAFT

CLUTCH MTG., TORQUE TO 50 FT. LBS.

LINE	DRWG.	NO.	SIZE	PART NO. & DESCRIPTION	3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS	DATE	NOTES
1																
2	A	C48490		CLUTCH - ELECTRIC 1.125 BORE CW	1	1	1	1	1	1	1	1	1	1	3/20/06	TOWARDS ENGINE
3																
4																
5																
6	A	C22947		TIE - CABLE .15 X 8" NYLON (BLACK)	1	1	1	1	1	1	1	1	1	1		
7	A	C33200		WASHER 1.15 X 1.62 X .25 THK.	1	1	1	1	1	1	1	1	1	1		
8																
9																
10	A	C48775		WASHER - CUP .453 X 1.50 X .35 ZP	1	1	1	1	1	1	1	1	1	1	3/29/06	
11																
12	-	114-303		BOLT 7/16-20 X 1-1/2 HX HD GR5 ZP	1	1	1	1	1	1	1	1	1	1		
13	-	192-22		WASHER LOCK 7/16 ZP	1	1	1	1	1	1	1	1	1	1		
14																
15																
16																
17																
18																
19	A	C48772		WMT - BRACKET, ANTI-ROTATION (VANGUARD)	1	1	1	1	1	1	1	1	1	1	3/20/06	REF. MOUNTS TO FRONT ENGINE MTG BOLTS
20	-	141-3		PIN - CLEVIS 5/16 X .94	1	1	1	1	1	1	1	1	1	1		SEE: GROUP 9
21	A	C47864		BAR - TIE, ANTI-ROTATION (21 VANG)	1	1	1	1	1	1	1	1	1	1	12/27/04	
22	A	C48773		BRACKET - ANTI-ROTATION (VANGUARD)	1	1	1	1	1	1	1	1	1	1	3/20/06	
23	A	C48774		ARM - CLUTCH STOP	1	1	1	1	1	1	1	1	1	1	3/20/06	

CHANGES

CHANGES

REWRITTEN, SEE BOM P/N: 10M2501 REF. 120907
9195 12/9/07
SEE ECN FOR CHANGES
9209 3/23/08

ADDED 3000's
9209 3/23/08

PROJ. ENGR. J. MARTO
WRITTEN BY M. BERNDT
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L
GROUP NAME PTO CLUTCH: FRONT
DATE 6/24/05

BOM P/N: 10M2501
SHEET 1 OF 1
MODEL NO. 3,4000's, 4200's
DIVISION 10M
GROUP 25

[illegible]

EPL-

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	2	2	2	2	2	2	2	2	2			
1	B	C42122 TAILLIGHT ASSY.	2	2	2	2	2	2	2	2	2	2	9/24/91		
2	B	C37165 TAILLIGHT - 12 VOLT	1	1	1	1	1	1	1	1	1	1	7/8/91		
3	A	C42121 TERMINAL - BULLET .180 MALE FOR SERVICE	1	1	1	1	1	1	1	1	1	1	9/24/91		
4	A	C42120 TERMINAL - RING WIRE 5/16 STUD REF.	1	1	1	1	1	1	1	1	1	1	9/24/91		USED AS GROUND
5	A	C22947 TIE - CABLE .15 X 8" NYLON BLACK	1	1	1	1	1	1	1	1	1	1	9/24/91		AFTER LIGHT IS INSTALLED TWIST WIRE 3 TIMES AT THE TIE LIGHT
6	-	193-1000 NUT #10-32 HX KEPS W/STAR LK ZP	4	4	4	4	4	4	4	4	4	4	9/24/91		2) EACH TAILLIGHT TO FENDER
7	A	C42358 CLIP - .25 LOOP ZP	2	2	2	2	2	2	2	2	2	2			WIRES & TUBE TO TAILLIGHT STUD
8	A	C32455 CLIP - .50 "J" W/VINYL ZP	2	2	2	2	2	2	2	2	2	2			ATT. WIRE HARNESS TO FRONT SEAT (1) ATT. TO R.H. MTG. HOLE & ELBO TO HOLD SEAT SWITCH WIRE
9															
10															
11															
12															
13															
14															
15															
16	B	C33024 SWITCH - SOLENOID	1	1	1	1	1	1	1	1	1	1	3/28/89		DO NOT TURN SOLENOID STUDS WHEN SECURING TERMINALS SERVICE W/C33025
17	B	C31617 SENSOR - VOLTAGE	1	1	1	1	1	1	1	1	1	1	1/27/88		
18	A	C31618 COVER - STARTER TERMINAL	1	1	1	1	1	1	1	1	1	1	1/27/88		ELL-TRON
19	B	C32178 HEADLIGHT - 12 VOLT ASSY.	2	2	2	2	2	2	2	2	2	2	6/8/88		
20	-	C22573 LENS - CLEAR POLYCARBONATE	1	1	1	1	1	1	1	1	1	1			
21	-	C14304 GASKET - HEADLAMP	2	2	2	2	2	2	2	2	2	2			
22	A	C28932 BULB	1	1	1	1	1	1	1	1	1	1			
23	-	C14306 REFLECTOR ASSY.	1	1	1	1	1	1	1	1	1	1			
CHANGES			CHANGES					CHANGES					ECN DATE		
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			9209	3/23/09											
PROJ. ENGR. J. MARIO			MGR. ENGR. J. MARIO			DATE 6/24/05									
WRITTEN BY M. BERNDT			MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L			GROUP NAME ELECTRICAL: LIGHTS, SOLENOID									
BOM P/N: 10M2702			MODEL NO 3,4000's, 4200's			SHEET 2 OF 4			DIVISION 10M			GROUP 27			

ENGINEERING PARTS LIST



Ingersoll
Ingersoll Tractor Co.
Portland, ME 04103

LINE	DNG. 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	A	C43044 SWITCH - LIGHT	1	1	1	1	1	1	1	1	1	1	HEAD & TAIL LIGHTS
2													
3	A	C31619 CAP - PTO SWITCH (YELLOW)	1	1	1	1	1	1	1	1	1	1	ATT. TO PTO SWITCH
4	B	C31937 SWITCH - PTO CLUTCH	1	1	1	1	1	1	1	1	1	1	
5	A	C31620 NUT 1/2-27 NS-28 THD. BLACK	1	1	1	1	1	1	1	1	1	1	ATT. P.T.O. SWITCH TO TOWER
6	A	C33475 RETAINER - BATTERY	1	1	1	1	1	1	1	1	1	1	PAINT: BLACK
7	-	121-21 BOLT 1/4-20 X 1/2 HX SERR FL LK ZP	1	1	1	1	1	1	1	1	1	1	BATTERY HOLD DOWN TO TOWER
8	A	C48529 BATTERY - 12 VOLT 300 CCA SEALED	1	1	1	1	1	1	1	1	1	1	
9	A	C24069 COVER - BATTERY TERMINAL	1	1	1	1	1	1	1	1	1	1	COVER (+) BATTERY POST
10													
11													
12													
13	B	C32405 SWITCH - IGNITION	1	1	1	1	1	1	1	1	1	1	SERVICE W/C30267 ENGINE START
14	A	C48822 SWITCH - IGNITION	1	1	1	1	1	1	1	1	1	1	PTO LOCKOUT
15	A	C32396 NUT 5/8-32 SWITCH	2	2	2	2	2	2	2	2	2	2	IGNITION SWITCH TO TOWER
16	A	C32397 CAP - NUT (IGN.) BLACK	2	2	2	2	2	2	2	2	2	2	
17													
18													
19	-	192-19 WASHER LOCK 1/4 ZP	2	2	2	2	2	2	2	2	2	2	TO BE LOCATED ON BODY SIDE OF TERMINAL
20	-	129-101 NUT 1/4-20 HEX ZP	2	2	2	2	2	2	2	2	2	2	ATT. LEADS TO SOLENOID
21													
22													
23													
CHANGES			CHANGES				CHANGES						
RFP		ECN	DATE					ECN	DATE				
LN 14 WAS C32406		9159	6/24/05										PROJ. ENGR. J. MARTO MGR. ENGR. J. MARTO
ADDED 4018-4 HAND SPD CONT'L		9175	3/13/06										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 ELECTRICAL: SWITCHES, BATTERY
ADDED 3000's		9209	3/23/09										BOM P/N: 10M2703 MODEL NO 3,4000's, 4200's
													SHEET 3 OF 4 DIVISION 10M GROUP 27

ENGINEERING PARTS LIST



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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	C45917 HOURMETER - WATERPROOF (QUARTZ)	1	1	1	1	1	1	1	1	1	1	7/21/95		
2	A	C29637 CLIP .38 HALF CLAMP	4	4	4	4	4	4	4	4	4	4			HEADLIGHT TO GRILLE
3	-	187-1328 SCREW #8-18 X 3/8 SLF TAP AB HX FL HD ZP	4	4	4	4	4	4	4	4	4	4			
4															
5															
6	-	111-101 BOLT 1/4-20 X 5/8 SHT NK GR5 ZP	2	2	2	2	2	2	2	2	2	2			SOLENOID TO TOWER
7	-	131-934 NUT 1/4-20 HX SERR FL LK ZP	2	2	2	2	2	2	2	2	2	2			
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20	A	C35030 CLIP - WIRE SADDLE .25 SELF-ADHSV	3	3	3	3	3	3	3	3	3	3			CLIP HEADLIGHTS WIRE IN PLACE
21	-	195-518 WASHER .281 X .625 X .051/.080 ZP	4	4	4	4	4	4	4	4	4	4			
22	-	113-3 BOLT 1/4-20 X 3/4 HX HD GR5 ZP	2	2	2	2	2	2	2	2	2	2			CABLES TO BATTERY
23	-	129-101 NUT 1/4-20 HEX ZP	2	2	2	2	2	2	2	2	2	2			
CHANGES			CHANGES					CHANGES					CHANGES		
RFP		ECN DATE	CHANGES					CHANGES					CHANGES		
ADDED 4018-4 HAND SPD CONT'L		9159 6/24/05													
ADDED 4200's WERE 4000's		9186 10/3/06													
ADDED 4021PS-1 HAND SPD CONT'L		9196 4/3/07													
LN 11 DEL. WAS C30938, MOVED TO GR. 7		9195 12/08/07													
LN 12 DEL. WAS 187-1036, MOVED TO GR. 7		9195 12/08/07													
ADDED 3000's		9209 3/23/09													
PROJ. ENGR. J. MARTO			MGR. ENGR. J. MARTO					DATE 6/24/05							
WRITTEN BY M. BERNDT															
MODEL NAME TRACTOR, HAND or FOOT SPD CONT'L															
GROUP NAME ELECTRICAL: HOURMETER, SEAT SW.															
BOM P/N: 10M2704			MODEL NO 3,4000's, 4200's												
SHEET 4 OF 4			DIVISION 10M					GROUP 27							

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	C	C48009 DECAL - HOOD, INGERSOLL SIDE	2	2	2	2	2	2	2	2	2	2	6/12/03		
2															
3	A	C48011 DECAL - POWER STEERING		2			2					2	4/28/03		SECURE BELOW MODEL NUMBER DECAL
4															
5	B	C48317LH DECAL - GT, LH		1	1	1	1					1	4/28/03		
6	B	C48317RH DECAL - GT, RH		1	1	1	1					1	4/28/03		
7															
8	A	C48014 DECAL - 3018 MODEL NO.		2											
9	A	C48015 DECAL - 3021 MODEL NO.			2										
10	A	C49357 DECAL - 3023 MODEL NO.				2							3/23/09		
11	A	C48018 DECAL - 4021 MODEL NO.					2								
12	A	C48017 DECAL - 4018 MODEL NO.				2									
13	A	C49075 DECAL - 4218 MODEL NO.							2				10/3/06		
14	A	C49076 DECAL - 4221 MODEL NO.								2	2		10/3/06		
15	A	C49077 DECAL - 4223 MODEL NO.									2	2	10/3/06		
16															
17															
18															
19															
20	B	C30539 MEDALLION - INGERSOLL		1	1	1	1					1	12/3/86		BETWEEN HEADLIGHTS
21															
22	B	C48733 PLATE - MODEL/SERIAL NO.		1	1	1	1								
23	-	151-525 RIVET - POP 1/8 X .23	2	2	2	2	2								
CHANGES			CHANGES					CHANGES					CHANGES		
RFP		ECN/ DATE	ECN/ DATE					ECN/ DATE					ECN/ DATE		
LN 3,5,6,13,14,15 ADDED DRWG SIZE		9159 6/24/05	(4021), LN 15 WAS C48567 (4023)										9186 10/3/06		
LN 3 WAS C48011LH DECAL LH 1 PER "PS" TTRES		9180 5/12/06	ADDED 4021PS-1 HAND SPD CONT'L										9196 4/3/07		
LN 4 WAS C48011RH DECAL RH 1 PER "PS" TTRES		9180 5/12/06	LN 11 C48018 ADDED										9196 4/3/07		
LN 3 ADDED, LNS 5 & 6 DELETED (MAIN STRG)		9180 5/12/06	ADDED 3000's, ADDED LNS 8, 9, 10										9209 3/23/09		
& ADDED QTY 1 TO "PS" TRACTORS		9180 5/12/06													
ADDED 4018-4 HAND SPD CONT'L		9186 10/3/06													
4200's WERE 4000's, ADDED LN 12		9186 10/3/06													
LN 13 WAS C48017 (4018), LN 14 WAS C48018		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 DECALS & TRIM: HOOD DECALS

BOM P/N: 10M2901 MODEL NO 3,4000's, 4200's

SHEET 1 OF 3 DIVISION 10M GROUP 29

ENGINEERING PARTS LIST



Ingersoll
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Portland, ME 04103

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												
2	A 321-4767 DECAL - OIL RESERVOIR	1	1	1	1	1	1	1	1	1	1	ON TOWER NEAR FILLER NECK
3	B C33588 DECAL - FUEL TANK GAUGE	1	1	1	1	1	1	1	1	1	1	RH SIDE OF GAUGE OPENING IN REAR SEAT SUPPORT
4	A C34184 DECAL - FLAG, MADE IN USA	1	1	1	1	1	1	1	1	1	1	CENTER ON TOWER ACCESS COVER - UPPER
5	B C37274 DECAL - SHIFT RANGE	1	1	1	1	1	1	1	1	1	1	GATE FOR HI-LO RANGE
6	A C48225 DECAL - BRAKE & SPEED	1	1	1	1	1	1	1	1	1	1	LOCATED ON FLOOR PLATE
7	B C46326 DECAL - WARNING, OPERATOR	1	1	1	1	1	1	1	1	1	1	CENTER ON TOWER ACCESS COVER - LOWER
8												
9	A C48734 DECAL - PTO LOCKOUT	1	1	1	1	1	1	1	1	1	1	BENEATH SW RH SIDE OF TOWER
10	A C49310 DECAL - HOOD LATCH RELEASE	1	1	1	1	1	1	1	1	1	1	CAP ASSY. - INSTRUMENT
11												
12	A C29314 BUTTON - PUSH	1	1	1	1	1	1	1	1	1	1	& CENTERED
13	B C30126 ROD - PUSH, HOOD RELEASE	1	1	1	1	1	1	1	1	1	1	
14	A C30004 SPRING - COMPRESSION	1	1	1	1	1	1	1	1	1	1	ON BUTTON BETWEEN KNOB & TOWER
15												
16												
17												
18												
19												
20												
21												
22												
23												
CHANGES												
REP	ECN	DATE	CHANGES	ECN	DATE	PROJ. ENGR. J. MARTO	MGR. ENGR. J. MARTO	DATE 6/24/05				
ADDED 4018-4 HAND SPD CONT'L	9159	6/24/05				WRITTEN BY M. BERNDT						
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 DECALS & TRIM: INFO DECALS						
ADDED LN 10 TO ALL MODELS	9195	10/21/08				BOM P/N: 10M2902 MODEL NO 3,4000's, 4200's						
ADDED 3000's	9209	3/23/09				SHEET 2 OF 3 DIVISION 10M GROUP 29						

ENGINEERING PARTS LIST



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EPL

ENGINEERING PARTS LIST

HAND SPD CONT'L

FOOT SPD CONT'L

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Portland, ME 04103

PART NO. & DESCRIPTION

3018-4
3021PS-1
3023-1
4018-4
4021PS-1

4218
4221
4221PS
4223
4223PS

RELEASE

NOTES

DATE

(1) ATT. HEADLIGHT SHROUD TO HOOD WMT.

(1) ATT. GRILLE INSERT TO HOOD
(LOWER MTG. HOLES)

GRILLE INSERT TO HOOD (UPPER MTG. HOLE)
INSERT FROM INSIDE

HI-TEMP POWERED COATED

7/8/91

6/24/05

7/8/91

7/8/91

SERVICE WITH: C48814

SERVICE WITH: C48815

SECURE TO PIN- SPIROL 1/8" X 1-1/2"

IN TRAVEL CONTROL LEVER

ATT. TO L.H. SIDE FRAME RAIL

1) FOOT BRAKE PEDAL

1) FOOT SPEED CONTROL PEDAL

ACTUATOR TO HUB ON FRAME WMT.

BELLY PAN TO CHASSIS

CHANGES

ECN DATE

CHANGES

ECN DATE

RFP

LN 12 ADDED TO NOTES: C48815

ADDED 4018-4 HAND SPD CONT'L

4200's WERE 4000's, ADDED LNS 8, 11

LN CHANGES: 9 WAS 10, 10 WAS 11

LN 18 QTY 2 WAS 1 FOR "FT. SPD." MODEL's

LN 14 C49130 ADDED

ADDED 4021PS-1 HAND SPD CONT'L

LN 19 ADDED 138-57 TO ALL MODELS

ECN DATE

ADDED 3000's

ECN DATE

ADDED 3000's

ECN DATE

ADDED 3000's

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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	A	C45065 ILLUSTRATION - CRATING (GT)	X	X	X	X	X	X	X	X	X	X	10/8/93
2	B	C45124 BLOCK - WHEEL 3 X 4 X 7 1/4	4	4	4	4	4	4	4	4	4	12/1/93	△
3	B	C45051 CRATE (ASSY) COMPLETE	1	1	1	1	1	1	1	1	1	10/8/93	
4	-	C44565 BAG - PLASTIC, SHPNG 4 MIL 118 X 70	1	1	1	1	1	1	1	1	1	10/8/93	
5	-	C30273 SHEET - SCORED SEAT	1	1	1	1	1	1	1	1	1		GNC #68556 200# C 55.4 X 23
6	B	C33876 STICKER - PRODUCT I.D. CARTON (INGERSOLL)	2	2	2	2	2	2	2	2	2		ATT. (1) EACH SIDE OF CARTON
7													
8	-	132-318 PIN - COTTER 5/32 X 1"	1	1	1	1	1	1	1	1	1		RETAINS STEERING SHAFT FOR SHIPPING
9													
10													
11		BANDING - APPROX. 140"	1	1	1	1	1	1	1	1	1		
12		CLIP	4	4	4	4	4	4	4	4	4		
13													
14	-	C49358 ASSY: BAG BELT & LIFT LINKS 3000's	1	1	1	1	1					3/23/09	REF. INSTRUCTIONS & HDWE SHIP'D w/MOWER
15	A	C18315 LINK - MOWER LIFT LC	2	2	2	2	2						
16	A	C44801 BELT - "A" SECT. X 67.5	1	1	1	1	1						
17													
18													
19													
20													
21													
22													
23													
CHANGES			CHANGES				CHANGES				CHANGES		PROJ. ENGR. J. MARTIO MGR. ENGR. J. MARTIO WRITTEN BY M. BERNDT DATE 6/24/05 MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L GROUP NAME INSTRUCTIONS & SHIPPING: CRATE BOM P/N: 10M3401 MODEL NO 3,4000's, 4200's SHEET 1 OF 2 DIVISION 10M GROUP 34
RFP		ECN DATE	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		9186 4/3/07											
INDEX, SHT 1 OF 2 WAS 1 OF 3		9195 6/7/07											
ADDED 3000's, ADDED LNS 14, 15, 16		9209 3/23/09											

ENGINEERING PARTS LIST



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ENGINEERING PARTS LIST												HAND SPD CONT'L				FOOT SPD CONT'L				RELEASE		NOTES	
LINE	DWG. NO. SIZE	PART NO. & DESCRIPTION										3018-4	3021PS-1	3023-1	4018-4	4021PS-1	4218	4221	4221PS	4223	4223PS	DATE	
1	-	C45068	ASSY: BAG, OPERATORS MANUAL VANGUARD	1		1				1											10/8/93	VANGUARD -- MANUAL STEERING	
2	-	C47877	ASSY: BAG, OPERATORS MANUAL 4021-2			1									1						12/27/01		
3	-	C47878	ASSY: BAG, OPERATORS MANUAL P.S. (VANG)			1									1						12/27/01		
4																							
5	-	8-59130	MANUAL -- OPERATORS (3,4000'S)	1	1	1	1	1			1	1	1	1	6/22/93						REF. 8-56800		
6	A	C45071	MANUAL -- ENGINE, VANGUARD		X			X			X										10/8/93	B & S #272105-8/91 (REC'D W/ENGINE)	
7	A	C47879	MANUAL -- ENGINE, 21 & 23 HP VANG		X	X		X			X	X	X	X	12/27/01						X = QTY. 1 (REC'D W/ENGINE)		
9	-	8-60431	SHEET -- SUPPLEMENT FOR OM: 8-59130	1	1	1	1	1			1	1	1	1								ATT. TO 8-59130 MANUAL	
11	-	8-58010	SHEET -- PRE-DELIVERY INSTRUCTIONS	1	1	1	1	1			1	1	1	1	7/18/95								
12	-	01077D	FORM -- OWNER WARRANTY REGISTRATION (IEC)	1	1	1	1	1			1	1	1	1									
13	-	8-61140	SHEET -- SET UP INSTR 300'S, 3000'S, 4000'S	1	1	1	1	1			1	1	1	1	7/9/04								
15	-	8-59300	SHEET -- SUPPLEMENT STEERING STOP ADJ.	1	1	1	1	1			1	1	1	1									
16	A	C32407	KEY -- IGNITION w/PLASTIC COVER	2	2	2	2	2			2	2	2	2	9/23/88								
17	A	C47425	TAG -- ELECTRIC CLUTCH BURNISHING	1	1	1	1	1			1	1	1	1									
19	-	129-127	NUT 5/8-18 HEX ZP		X			X					X									X = QTY. 1 {PART REC'D WITH STEERING HAND PUMP	
20	A	C48739	KEY -- PTO LOCKOUT	1	1	1	1	1			1	1	1	1	6/24/05								
22	-	131-911	NUT 5/16-18 HX SERR FL LK ZP	4	4	4	4	4			4	4	4	4								SEAT TO SEAT PAN	
CHANGES																							
RFP	ECN	DATE	CHANGES										ECN	DATE	PROJ. ENGR. J. MARIO MGR. ENGR. J. MARIO								
LN 10 DEL. WAS 8-57422 2-5 TOP SHEET	9159	6/24/05													WRITTEN BY M. BERNDT DATE 6/24/05								
LN 12 WAS 01077B, LN 14 DEL. WAS 0422A FORM 9157	9157	12/9/05																					
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																					
LN 22 ADDED, INDEX SHT 2 OF 2 WAS 3 OF 3	9195	6/7/07																					
ADDED 3000'S	9209	3/23/09																					
BOM P/N: 10M3402 MODEL NO 3,4000'S, 4200'S																							
SHEET 2 OF 2 DIVISION 10M GROUP 34																							



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ENGINEERING PARTS LIST



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EP1

ENGINEERING PARTS LIST

LINE NO.	DWG. SIZE	PART NO. & DESCRIPTION	HAND SPD CONT'L				FOOT SPD CONT'L				RELEASE DATE	NOTES
			3018-4-PTO	4018-4-PTO	4021PS-1, PTO		4218-PTO	4221-PTO	4223PS-PTO	4223PS-PTO		
1	-	3018-4 3018-4 GARDEN TRACTOR 18HP HAND SPD. CONTROL	1							3/23/09		
2	-	4018-4 4018-4 GARDEN TRACTOR 18HP HAND SPD. CONTROL		1								
3	-	4021PS-1 4021PS GR. TR. 21HP PWG STG HAND SPD CONTROL			1					4/3/07		
4												
5												
6	-	4218 4218 GARDEN TRACTOR 18HP FOOT SPD CONTROL				1						
7	-	4221 4221 GARDEN TRACTOR 21HP FOOT SPD CONTROL					1					
8	-	4221PS 4221PS GR. TR. 21HP PWG STG FOOT SPD CONTROL						1				
9	-	4223 4223 GARDEN TRACTOR 23HP FOOT SPD CONTROL							1			
10	-	4223PS 4223PS GR. TR. 23HP PWG STG FOOT SPD CONTROL								1		
11												
12												
13	-	C99HP3 HP3 HYDRAULIC PTO KIT		1								
14	-	C99HP4 HP4 HYDRAULIC PTO KIT			1	1	1	1	1			
15												
16												
17												
18												
19												
20												
21												
22												
23												
CHANGES			CHANGES			CHANGES			CHANGES			
RELEASE FOR PRODUCTION			9185 1/1/07			9196 4/3/07			9209 3/23/09			
ADDED 4021PS-1, PTO LN3 ADDED 4021PS-1												
LN 2 WAS ON LN 1, ADDED 3018-4-PTO												
LN 1 ADDED 3018-4, LN 13 ADDED C99HP3												
PROJ. ENGR. J. MARIO			MGR. ENGR. J. MARIO			WRITTEN BY JHM			DATE 1/1/07			
MODEL NAME TRACTOR: HAND or FOOT SPD CONT'L						GROUP NAME w/ HYD. PTO						
BOM P/N: 10M5001			MODEL NO 3,400's, 4200's			SHEET 1 OF 1			DIVISION 10M			
									GROUP 50			