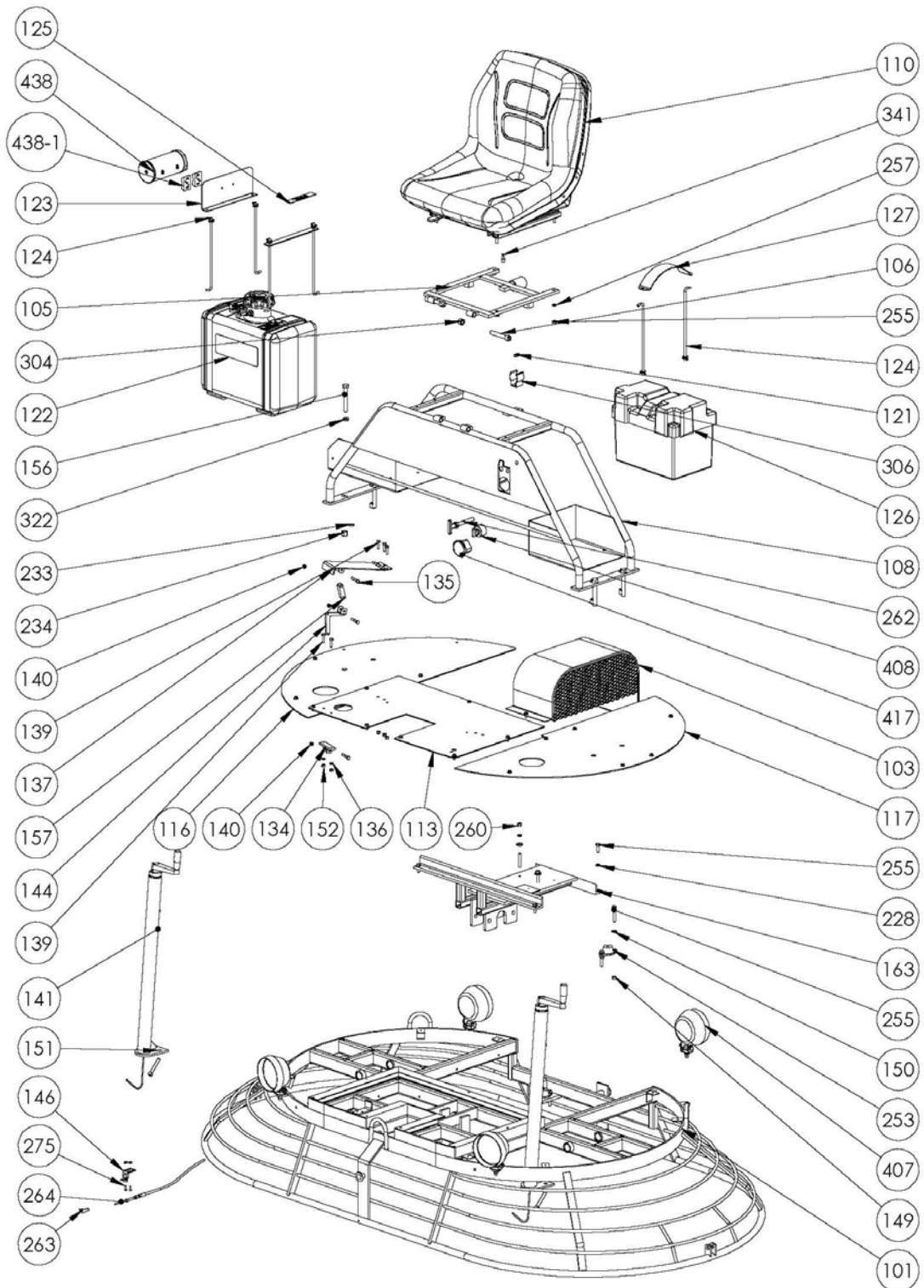


TS88 RIDE-ON TROWEL INSTRUCTION MANUAL

CHASSIS ASSEMBLY



Not Shown: Carbon Canister Items 418 to 420

Figure 1 - Complete Chassis

MORRISON INC.

BARTELL MORRISON (USA) LLC

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TS88 RIDE-ON TROWEL INSTRUCTION MANUAL

CHASSIS BOM

Item #	Description	Item #	Description	Item #	Description
101	Chassis Weldment	135	Hex Bolt	234	Hex Nut
103	Belt Guard	136	Hex Nut	253	Anti-vibration Mount
104	Screw	137	Gas Pedal	255	Hex Bolt
105	Hinged Plate	138	Deadman Pedal	257	Hex Nut
106	Socket Screw	139	Hex Screw	260	Flat Washer
108	Seat Frame	140	Locknut	262	Choke Control
109	Seat Adj. Spacer	141	Pitch Control Ass'y	263	Ball Joint
110	Seat	144	Linkage Arm	264	Throttle Cable
113	Floor Plate		Throttle Clip	275	Hex screw
116	Floor Plate - RH	149	Locknut	279	Tension Adj. Screw
117	Floor Plate - LH	150	Flat Washer	295	Engine Mtg. Plate
121	Rivet	151	Hex Screw	304	Lock Nut
122	Tank	152	Lock Washer	306	Seat Clip
123	Tank Bracket	122a	Fuel Cap	156	Hex Screw
322	Flat Washer	123	Hold-Down Bar	157	Throttle Arm Link
341	Engine Kill Switch	124	Hold-Down Bolt	163	Sub-frame
406	Shut-off Switch	125	Hold-Down Bar	215	Lock Washer
407	Lamp 55 Watts	126	Battery Box	216	Hex Nut
408	Starter Key Switch	127	Battery Clamp	228	Lock Washer
414	Switch	134	Throttle Bracket	233	Lock Washer
417	Hour Meter	418	Carbon Canister	438	Carb. Canister
420	Canister Straps	419	Canister Bracket		

TS88 RIDE-ON TROWEL INSTRUCTION MANUAL

CUSTOMER PARTS LIST

*	Item #	Part #	Description	Qty	Eff. S/N	Eff. Date
	101	22627-1	Chassis Weldment	1		10/04/14
	103	22661-1	Belt Guard TS-78/88	1		10/04/14
	104	14596	HWHS 1/4-20 x 1/2"LG Thread Cutting	18		07/10/07
	105	13836	Hinged Plate	1		07/10/07
	106	30012	SHCS 1/2-20UNF x 3"LG	2		07/10/07
	108	13788	Seat Frame TS-78/88	1		07/10/07
	110	13641-1	Seat High Back	1		07/10/07
	113	12887	Floor Plate -- Checkered	1		07/10/07
	116	22704	Floor Plate – RH	1		07/10/07
	117	22703	Floor Plate – LH	1		07/10/07
	121	30154	Rivet 3/16" Dia. x 1/2" LG. Button Head	2		07/10/07
	122	18156	Fuel Tank (Complete)	1		04/06/11
	122a	18106	Fuel Cap	1		04/06/11
	123	10192	Gas Tank Hold-Down Bar	2		07/10/07
	124	13839	Hold Down Bolt	3		07/10/07
	125	14480	Label, Fuel	1		07/10/07
	126	13192	Battery Box Black Poly	1		07/10/07
	127	13595	Battery Clamp	1		07/10/07
	134	22548	Throttle Bracket	1		07/10/07
	135	12532	HHCS 1/4 - 20UNC x 1 1/2" LG.	3		07/10/07
	136	10581	Hex Nut 1/4 – 20 UNC	2		07/10/07
	137	22546	Gas Pedal	1		07/10/07
	139	50316	HHCS 1/4 - UNC x 1" LG.	7		07/10/07
*	140	30141	Locknut 1/4 -20UNC	8		07/10/07
	141	22551	Pitch Control Ass'y	2		07/10/07
	144	13677	Throttle Linkage Arm	1		07/10/07
	146	13863	Throttle Clip	1		07/10/07
	149	10108	Locknut 5/16 - 18 UNC	8		07/10/07
	150	11586	Flat Washer, 5/16 SAE	8		07/10/07
	151	10507	HHCS 3/8-16 UNC x 1" LG.	4		07/10/07
	152	10521	Lockwasher, 1/4" Dia.	2		07/10/07
	156	12742	HHCS 1/2-13 x 3" LG.	4		07/10/07
	157	12970	Throttle Arm Link	1		07/10/07
	163	22710	Sub-frame Weldment, TS88	1		10/04/14
	215	10902	Lock Washer, 3/8 Med. Split, ZP	6		07/10/07
	216	10901	Nut, Hex, 3/8 - 16UNC, Grade 5, ZP	6		07/10/07
	228	10402	Lock Washer, 5/16, Medium Split, ZP	16		07/10/07
	233	10009	Lock Washer, 1/2 Dia.	4		07/10/07
	234	12519	Hex Nut 1/2-13UNC	4		07/10/07
	253	14473	Anti-vibration Mount	4		07/10/07
	255	10402	Lockwasher	20		07/10/07
	257	10915	Hex Nut, 5/16 – 18UNC, Grade 5	4		07/10/07
	260	10919	Flat Washer, 5/16 Dia. ZP	8		07/10/07
	262	12417	Choke Control	1		07/10/07
	263	11124	Ball Joint	1		07/10/07

Items marked with * are recommended spare parts.

TS88 RIDE-ON TROWEL INSTRUCTION MANUAL

Chassis Assembly continued . . .

*	Item #	Part #	Description	Qty	Eff. S/N	Eff. Date
	264	13862	Throttle Cable, 66" LG.	1		07/10/07
	275	10706	HHMS, #10-24UNC x 1/2" LG. Grade 5	2		07/10/07
*	304	12517	Nylock Nut, 1/2-20 UNF	2		07/10/07
*	306	11592	Bar Clip, Seat Clip	1		07/10/07
*	322	12930	Flat Washer, 7/16" Dia. USS, ZP	4		07/10/07
*	341	13896	Deadman Switch	1		07/10/07
	407	12528	Lamp 55 Watts	4		07/10/07
	408	13365	Starter Key Switch – Honda	1		07/10/07
	414	14377	Switch, ON/OFF, SPSI, Blue	1		07/10/07
	417	12991	Hour Meter	1		07/10/07
	418	18126	Carbon Canister	1		04/06/11
	419	18124	Carbon Canister Mounting Bracket (not shown)	1		04/06/11
	420	18125	Carbon Canister Mounting Strap (set of 2) (not shown)	1		04/06/11
	438	18124	Carbon Canister	1		04/06/11
	438-1	18124	Carbon Canister Bracket	1		04/06/11

Items marked with * are recommended spare parts.

TS88 RIDE-ON TROWEL INSTRUCTION MANUAL

POWERPLANT ASSEMBLY

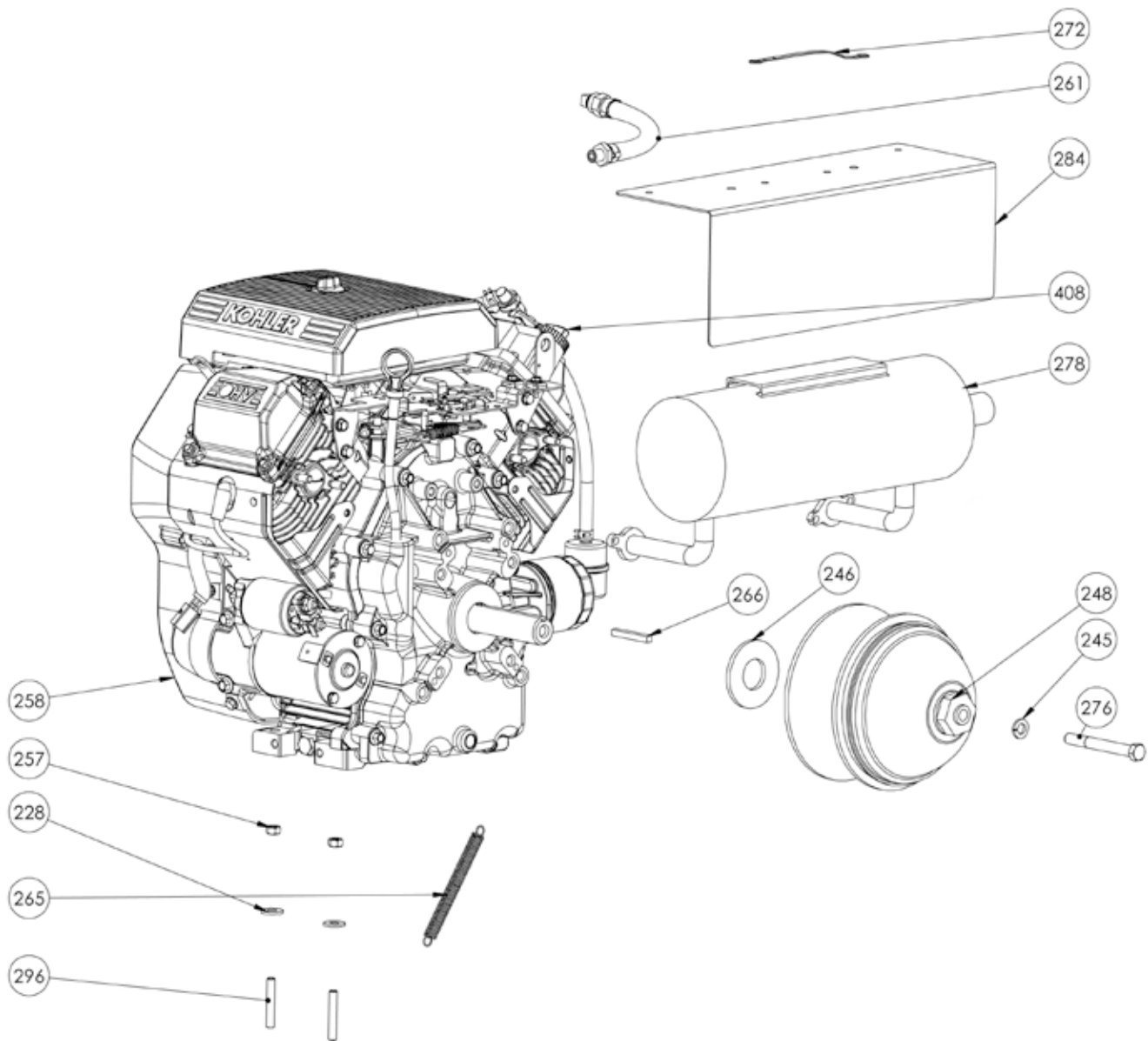


Figure 2 - Complete Powerplant

Item #	Description	Item #	Description	Item #	Description
211	Keystock	257	Hex Nut	278	Exhaust/Guard
228	Lock Washer	258	Engine	284	Clutch Spacer
245	Lock Washer	260	Flat Washer	289	Spring
246	Thick Washer	261	Oil Drain	296	Stud
248	Clutch	276	Hex Bolt		

TS88 RIDE-ON TROWEL INSTRUCTION MANUAL

CUSTOMER PARTS LIST

*	Item #	Part #	Description	Qty	Eff. S/N	Eff. Date
	228	10402	Lock Washer 5/16"Dia.	4		07/10/07
	245	13491	Lock Washer 7/16"Dia.	1		07/10/07
	246	12708	Thick Washer, 7/16" ID. (Kohler)	1		10/04/14
*	248	14725	CVT Drive Pulley 1-1/8" Bore	1		10/04/14
	257	10915	Hex Nut 5/16-18	4		07/10/07
	258	---	Engine	1		30/03/11
	260	10919	Flat Washer 5/16"Dia., USS	2		07/10/07
	261	11825	Oil Drain	1		07/10/07
	265	13046	Spring #E11	1		07/10/07
	266	11010	Key, 3/16" x 1/4" x 1"	1		10/04/14
	272	12947	Fuel Line	1		07/10/07
	276	13487 13271	HHCS 7/16-20 x 3-1/2" LG (Kohler) HHCS, 7/16-20 x 4 1/2" LG (Honda)	1		07/10/07
	278	13887	Muffler	1		10/04/14
	284	14688	Exhaust Heat Shield	1		10/04/14
	296	10943	5/16-18 UNC x 2" LG. Stud	4		07/10/07
*	408	14648	Starter Switch (Kohler)	1		30/03/11

Items marked with * are recommended spare parts.

DRIVETRAIN ASSEMBLY

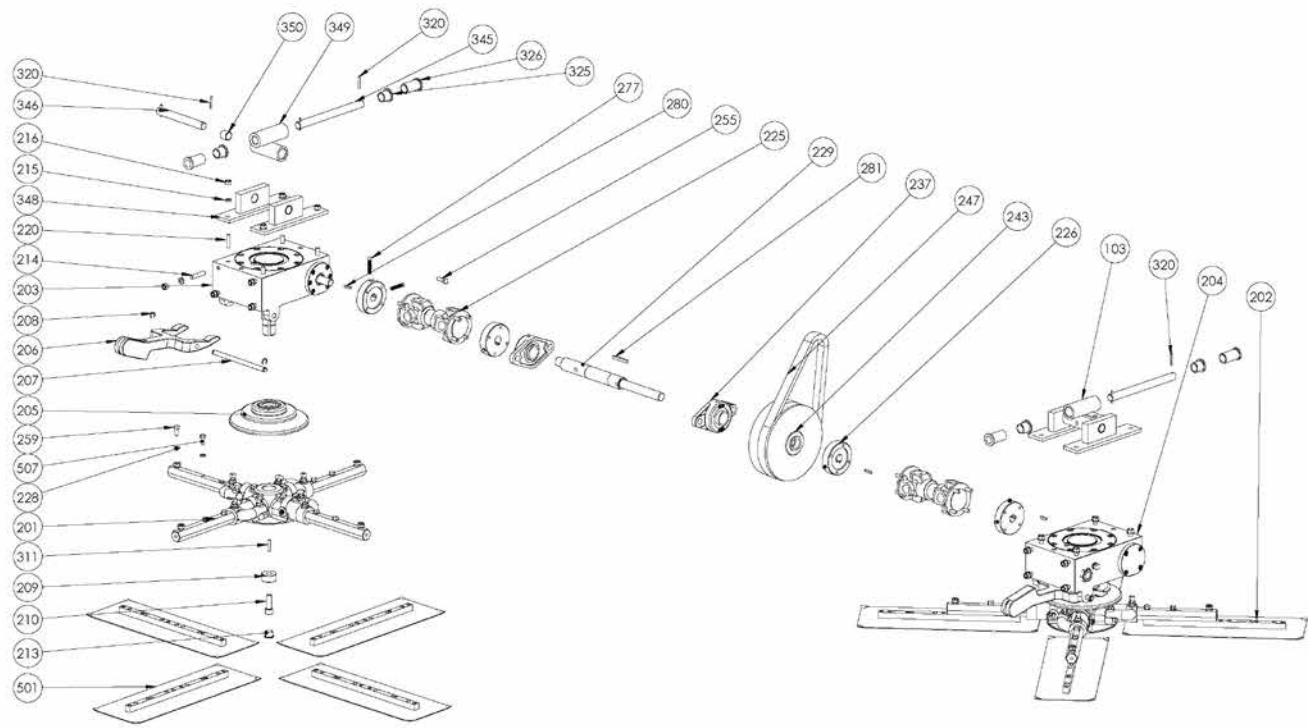


Figure 3 - Complete Drivetrain

Item #	Description	Item #	Description	Item #	Description
103	Left Mounting Bracket	216	Hex Nut	280	Key
201	Spider Assembly	220	Stud	281	Key
202	Spider Assembly	224	U-Joint Drive Flange	311	Keystock
203	Gearbox Assembly-RH	225	Short Coupling	320	Spring Pin
204	Gearbox Assembly-LH	226	U-Joint Drive Flange	325	Flange Bushing
205	Pressure Plate Ass'm	228	Lock Washer	326	Flange Bushing
206	Yoke Arm Large	229	Drive Shaft	345	Gearbox Pin Shaft
207	Yoke Arm Pin	237	Bearing	346	Support Pin
208	Retaining Ring	243	Driven Pulley	348	Bracket Set
209	Retainer	247	Belt	349	Cross Bushing Ass'm
210	Socket Bolt	255	Hex Bolt	501	Finish Blade
213	Cap Plug	259	Hex Bolt	507	Hex Bolt
214	Stud	267	Retaining Ring		
215	Lock Washer	277	Socket Screw		

TS88 RIDE-ON TROWEL INSTRUCTION MANUAL

CUSTOMER PARTS LIST

*	Item #	Part #	Description	Qty	Eff. S/N	Eff. Date
	103	22529	Left Mounting Bracket TS88	1		07/10/07
*	201	20840	Spider Assembly, CCW, Right Side	1		07/10/07
*	202	20839	Spider Assembly, CW, Left Side	1		07/10/07
*	203	20968	Gearbox Assembly, CCW, Right Side	1		07/10/07
*	204	20969	Gearbox Assembly, CW, Left Side	1		07/10/07
*	205	20626	Pressure Plate Ass'm LG	2		07/10/07
*	206	10311	Yoke Arm Large	2		07/10/07
*	207	10914	Yoke Arm Pin #3025	2		07/10/07
	208	10913	Retaining Ring 7/16"Dia Shaft	4		07/10/07
	209	10804	Retainer	2		07/10/07
	210	10802	SHCS 1/2-13 x 1-1/2"LG	2		07/10/07
	213	10823	Cap Plug EC-12	2		07/10/07
	214	10910	Stud, 3/8-16UNC x 1-3/4"LG	8		07/10/07
	215	10902	Lock Washer, 3/8 Med. Split, ZP	8		07/10/07
	216	10901	Hex Nut, 3/8" – 16 UNC, Grade 5, ZP	8		07/10/07
	220	11247	Stud, 3/8-16UNC x 1-3/8"LG	8		07/10/07
*	224	13181	U-Joint Drive Flange	2		07/10/07
*	225	13180	Short Coupled U-Joint Coupling	2		07/10/07
*	226	13182	U-Joint Drive Flange	2		07/10/07
*	228	10402	Lock Washer, 5/16" Med. Split, ZP	40		07/10/07
*	229	22711	Drive Shaft, TS88	1		10/04/14
	237	13246	Bearing	2		10/04/14
	243	14726	CVT Driven Pulley	1		07/10/07
*	247	14711	Drive Belt	1		03/07/08
	255	10441	HHCS 5/16-18 UNC x 1" LG.	16		07/10/07
	259	10403	HHCS, 5/16-18 UNC x 2" LG	8		07/10/07
	267	14474	Retaining Ring, Internal	2		07/10/07
	277	13964	SHSS 5/16-18 x 1-1/2" LG. Cup PT	8		07/10/07
	280	12454	KEY 3/16"SQ x 7/8"LG	4		07/10/07
	281	10206	Key 3/16" SQ x 1-7/8" LG.	1		07/10/07
	311	10608	Keystock, 1/4" SQ. 1 5/32" LG.	2		07/10/07
	320	10315	Spring PIN 3/16"DIA x 1-1/4"	6		07/10/07
	325	12593	Flange Bushing	4		07/10/07
*	326	12763	Flange Bushing	4		07/10/07
	345	12918	Gearbox Pin Shaft	2		07/10/07
	346	12497	Cross Bushing Support Pin	1		07/10/07
*	348	22473	Right Pivot Bracket Set	1		07/10/07
*	349	22474	Rear Cross Bushing Ass'y	1		07/10/07
*	501	20410	Finish Blade 6" x 8", Imperial	8		07/10/07
	507	10401	HHCS, 5/16-18 UNC x 1.5 LG.	16		07/10/07

Items marked with * are recommended spare parts.

STEERING ASSEMBLY

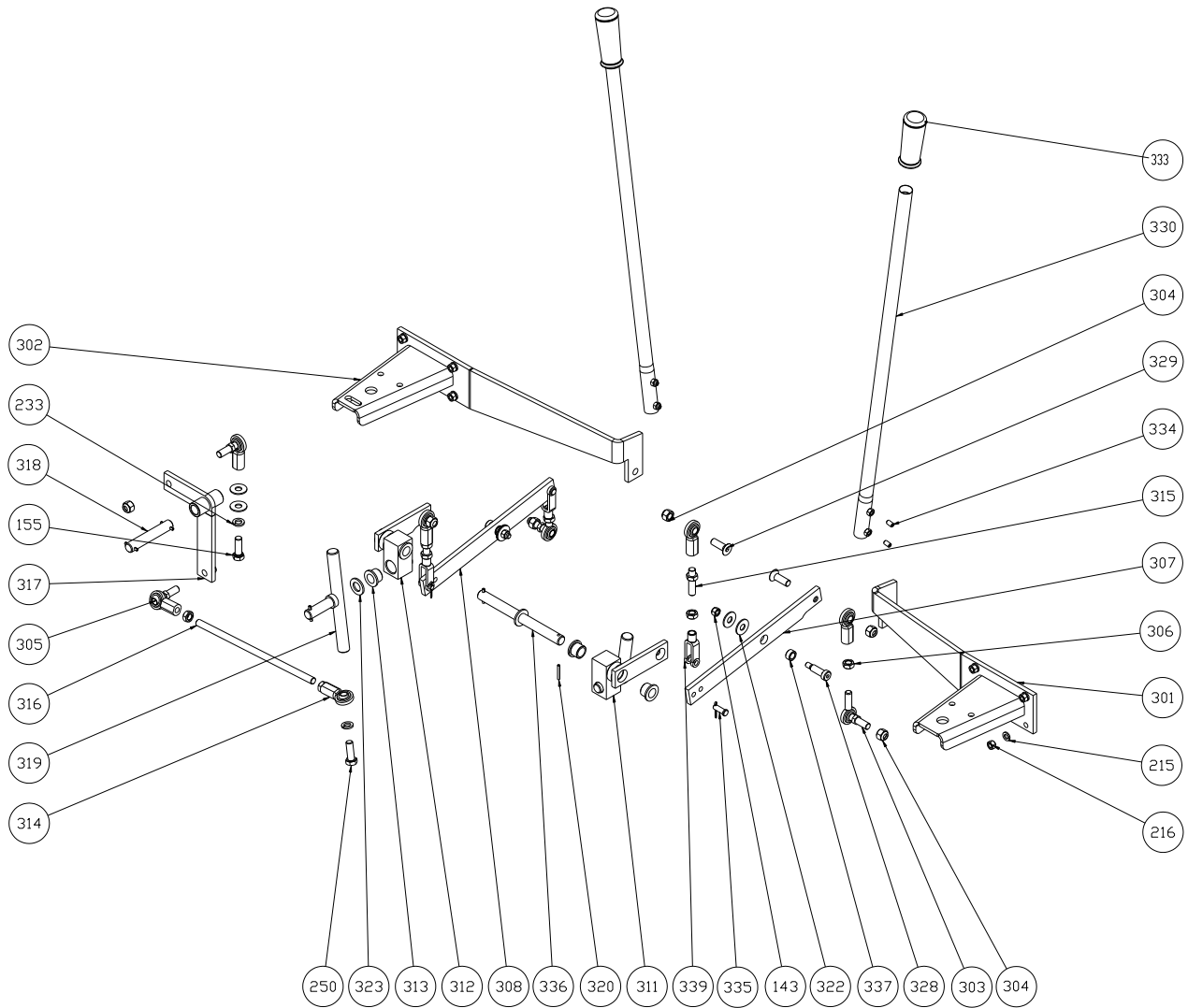


Figure 4 - Complete Steering

Item #	Description	Item #	Description	Item #	Description
143	Locknut	307	Left Pivot Arm	322	Flat Washer
155	Hex Bolt	308	Right Pivot Arm	323	Washer
215	Lock Washer	311	Left Steering Block	328	Shoulder Bolt
216	Hex Nut	312	Right Steering Block	329	Flat Head Screw
233	Lock Washer	313	Flanged Bushing	330	Control Handle
250	Hex Bolt	314	Rod End Pivot	333	Handle Grip
301	Left Control Arm	315	Threaded Rod	334	Socket Screw
302	Right Control Arm	316	Push Rod	335	Clevis Pin & Cotter Pin
303	Rod End	317	Lever	336	Front Steering Pin
304	Nylon Locknut	318	Steering Pin	337	Bushing
305	Rod End Pivot	319	Steering Link	339	Yoke End Clevis
306	Hex Jam Nut	320	Pin		

TS88 RIDE-ON TROWEL INSTRUCTION MANUAL

CUSTOMER PARTS LIST

*	Item #	Part #	Description	Qty	Eff. S/N	Eff. Date
	143	10317	3/8-16UNC Locknut, Nylon	2		07/10/07
	155	12516	HHCS 1/2-20 UNF x 1-1/2"LG.	1		07/10/07
	215	10902	Lock Washer 1/2", Med. Split ZP	8		07/10/07
	216	10901	Hex Nut, 3/8-16 UNC, Grade 5 ZP	8		07/10/07
*	233	10009	Lock Washer, 1/2 Dia.	2		07/10/07
	250	30019	HHCS 1/2 – 13 x 1-1/2" LG.	1		07/10/07
*	301	14467	LH Control Arm, TS88	1		07/10/07
	302	14468	RH Control Arm, TS88	1		07/10/07
	303	13932	Rod End – Male/Male	2		07/10/07
	304	12517	Nylon Locknut, 1/2-20 UNF	7		07/10/07
	305	12412	Rod End Pivot – Female /Male	2		07/10/07
	306	12592	Hex Jam Nut 1/2 – 20 UNF	8		07/10/07
*	307	13947	Left Pivot Arm, TS88	1		07/10/07
*	308	13944	Right Pivot Arm	1		07/10/07
	311	13943	Steering Block LH	1		07/10/07
	312	13942	Steering Block RH	1		07/10/07
	313	12968	Flanged Bushing	6		07/10/07
	314	12420	Rod End Pivot – Female	4		07/10/07
	315	12969	Threaded Rod 1/2 -20 UNF x 2-1/4" LG.	2		07/10/07
	316	13958	Steering Rod	1		07/10/07
	317	22530	L/R Lever	1		07/10/07
	318	12921	Steering Pin	1		07/10/07
	319	13060	Steering Link RH	1		07/10/07
	320	10315	Pin 3/16" DIA. X 1 – 1/4" LG.	5		07/10/07
*	322	12930	Flat Washer, 7/16"Dia, USS ZP	6		07/10/07
	323	10306	Washer, 3/4" Dia.	2		07/10/07
	328	12985	SHSB 1/2" SHLDR x 3/8-16UNCx1-1/4"LG.	2		07/10/07
*	329	13945	FHSC 1/2-20 UNF x 1-1/2" LG.	3		07/10/07
	330	13064	Control Handle	2		07/10/07
*	333	13065	Handle Grip 1"	2		07/10/07
*	334	50117	SHSS, 5/16-18 UNC x 1/2" LG. Cup PT	4		07/10/07
	335	13949	Clevis Pin & Cotter Pin	3		07/10/07
	336	12919	Front Steering Pin	1		07/10/07
	337	12984	Bushing	2		07/10/07
	339	13946	Yoke End Clevis	3		07/10/07

Items marked with * are recommended spare parts.

GEARBOX ASSEMBLY

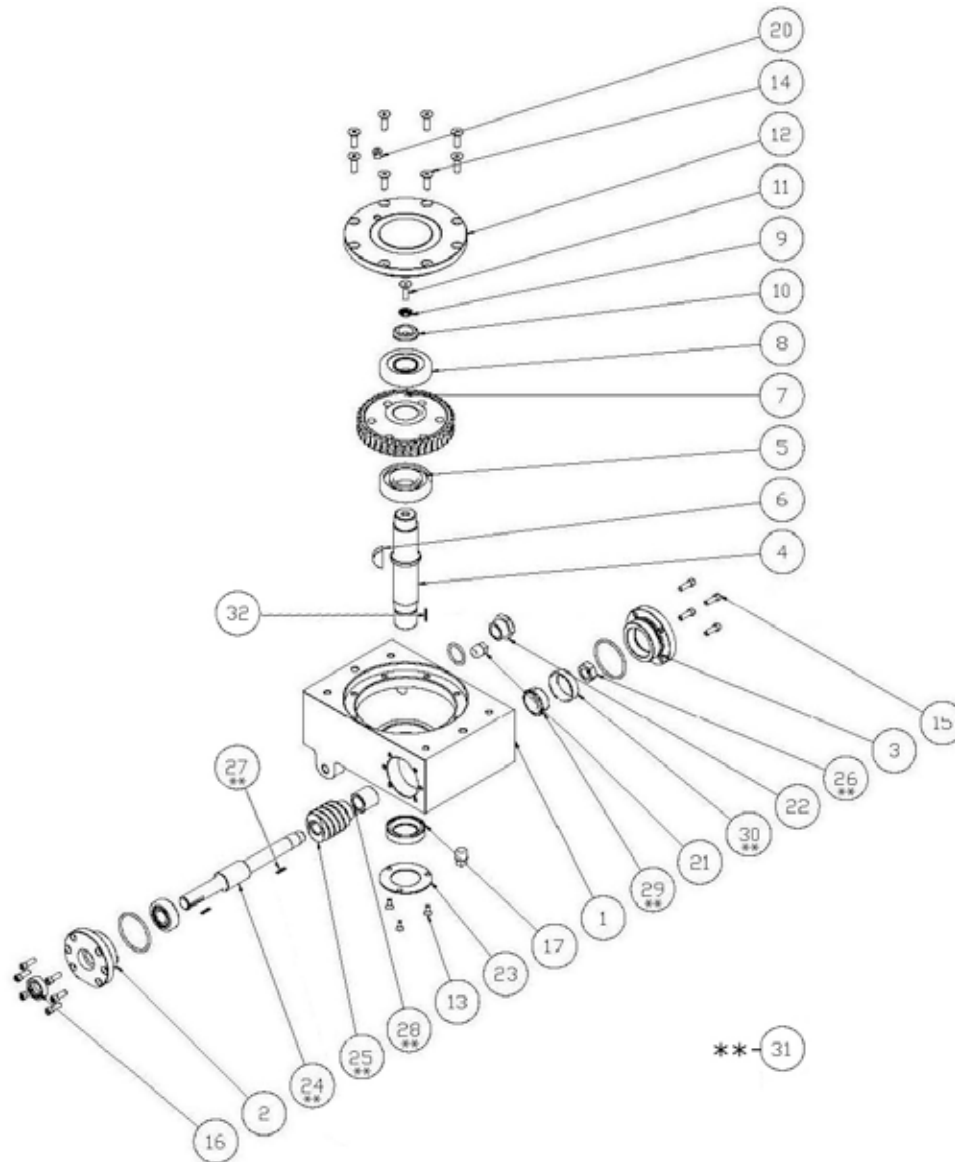


Figure 5 – Gearbox Assembly

Note: Right hand gearbox shown.

Item #	Description	Item #	Description	Item #	Description
1	Gear Housing	11	Flat Head Screw	21	Plug
2	Large Flange	12	Gearbox Cover	22	Sight Plug
3	End Cap	13	Flat Head Screw	23	Seal Retainer
4	Main Shaft	14	Flat Head Screw	24	Counter Shaft
5	Bearing Cup	15	Socket Head Screw	25	Worm
6	Woodruff Key	16	Oil Seal	26	Jam Nut
7	Worm Gear	17	Oil Seal	27	Key
8	Taper Bearing	18	O Ring	28	Spacer
9	Lock Washer	19	O Ring	29	Bearing Cone
10	Pressure Washer	20	Relieve Valve	30	Bearing Cup

TS88 RIDE-ON TROWEL INSTRUCTION MANUAL

CUSTOMER PARTS LIST

*	Item #	LH, CW 20969	RH, CCW 20968	Description	Qty	Eff. S/N	Eff. Date
	1	10944	10945	Gear Housing	1		07/10/07
	2	10231	10231	Large Flange	1		07/10/07
	3	10258	10258	End Cap, Ride-on	1		07/10/07
	4	10640	10639	Ride-on Main Shaft	1		07/10/07
*	5	14256	14256	Bearing Cup	1		07/10/07
	6	10638	10638	3/8" Woodruff Key	1		07/10/07
*	7	10642	10641	Worm Gear	1		07/10/07
	8	10603	10603	Taper Bearing, No. 30306	1		07/10/07
	9	10637	10637	3/8"CSK, Lock Washer	1		07/10/07
	10	10613	10613	Pressure Washer	1		07/10/07
	11	10601	10101	FHCS, 3/8-16 UNC x 1" LG.	1		07/10/07
	12	10929	10929	Gearbox Cover, Large	1		07/10/07
*	13	10951	10951	FHCS, 10 - 24 UNC x 1/2" LG.	3		07/10/07
*	14	10903	10903	FHCS, 5/16 – 18 UNC x 1" LG.	8		07/10/07
	15	10213	10213	SHCS, 1/4 – 20 UNC x 3/4" LG.	10		07/10/07
	16	10678	10678	Oil Seal	1		07/10/07
	17	10676	10676	Oil Seal	1		07/10/07
	18	10228	10228	O Ring, No. 227	2		07/10/07
	19	10931	10931	O Ring, No. 213	1		07/10/07
	20	10909	10909	Relieve Valve	1		07/10/07
	21	10911	10911	Plug, 3/8 NPT	2		07/10/07
	22	10930	10930	Sight Plug	1		07/10/07
	23	10950	10950	Seal Retainer	1		07/10/07
	24	10276	10276	Counter Shaft	1		07/10/07
*	25	10274	10273	Worm	1		07/10/07
	26	10202	10202	Jam Nut, 5/8 – 18 UNF	1		07/10/07
	27	10206	10206	Key, 3/16" SQ. x 1 7/8" LG.	1		07/10/07
	28	10223	10223	Spacer	1		07/10/07
	29	10229	10229	Bearing Cone	2		07/10/07
	30	10230	10230	Bearing Cup	2		07/10/07
	**31	20269	20268	Countershaft Assembly	1		07/10/07
	32	10608	10608	Key, 1/4" SQ x 1 – 5/32" LG	4		07/10/07
	33	12454	12454	Key, 3/16" SQ x 7/8" LG	1		07/10/07
	34	10933	10933	Shim (.003"), (For Item 12 – not shown)	A/R		07/10/07
		10935	10935	Shim (.005"), (For Item 12 – not shown)	A/R		07/10/07
	35	10209	10209	Shim (.003"), For Item 2 + 3			
		10212	10212	Shim (.005"), For Item 2 + 3			
		10210	10210	Shim (.010"), For Item 2 + 3			

Items marked with * are recommended spare parts

PITCH CONTROL ASSEMBLY

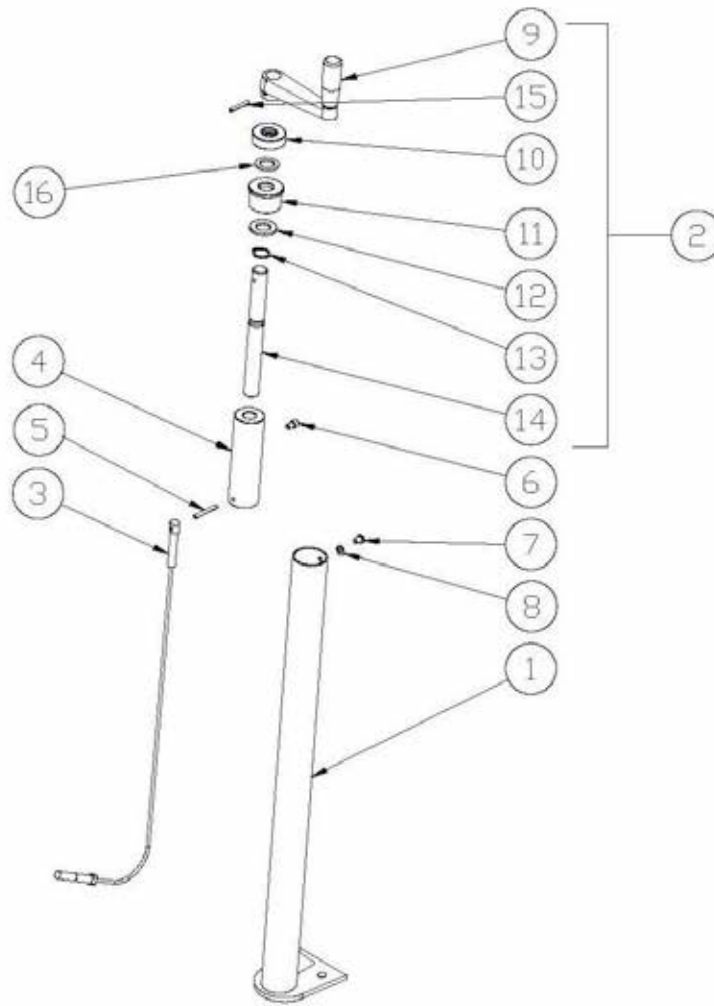


Figure 6 – Steering Assembly

Item #	Description	Item #	Description
1	Tube	9	Crank Handle
2	Crank Handle Assembly	10	Bearing
3	Control Cable	11	Bushing
4	Slide Bushing	12	Flat Washer
5	Spring Pin	13	Retainer
6	Socket Head Screw	14	Screw Shaft
7	Round Head Screw	15	Spring Pin
8	Lock Washer	16	Shim Ring

TS88 RIDE-ON TROWEL INSTRUCTION MANUAL

CUSTOMER PARTS LIST

Assembly # **22551**
PITCH CONTROL ASS'Y

*	Item #	Part #	Description	Qty	Eff. S/N	Eff. Date
	1	22538	Tube	1		07/10/07
	2	22573	Crank Handle Assembly	1		07/10/07
	3	22539	Control Cable	1		07/10/07
	4	10308	Slide Bushing	1		07/10/07
	5	10309	Spring Pin $\varnothing 3/16"$ x 1-1/2"	1		07/10/07
	6	10510	SHCS 1/4-20 x 3/8"LG	1		07/10/07
	7	10511	RHMS 1/4-20 x 3/8"LG	1		07/10/07
	8	10521	Lock Washer $\varnothing 1/4"$	1		07/10/07
	9	12893	Crank Handle	1		07/10/07
	10	10304	Bearing	1		07/10/07
	11	10305	Bushing	1		07/10/07
	12	10306	Washer	1		07/10/07
	13	10307	Retainer	1		07/10/07
	14	10303	Screw Shaft	1		07/10/07
	15	10315	Spring Pin $\varnothing 3/16"$ x 1-1/4"LG	1		07/10/07
	16	22674	Shim Ring, $3/4"$ ID x 1 -1/8" OD x .047"	1		07/10/07

SPIDER PLATE ASSEMBLY

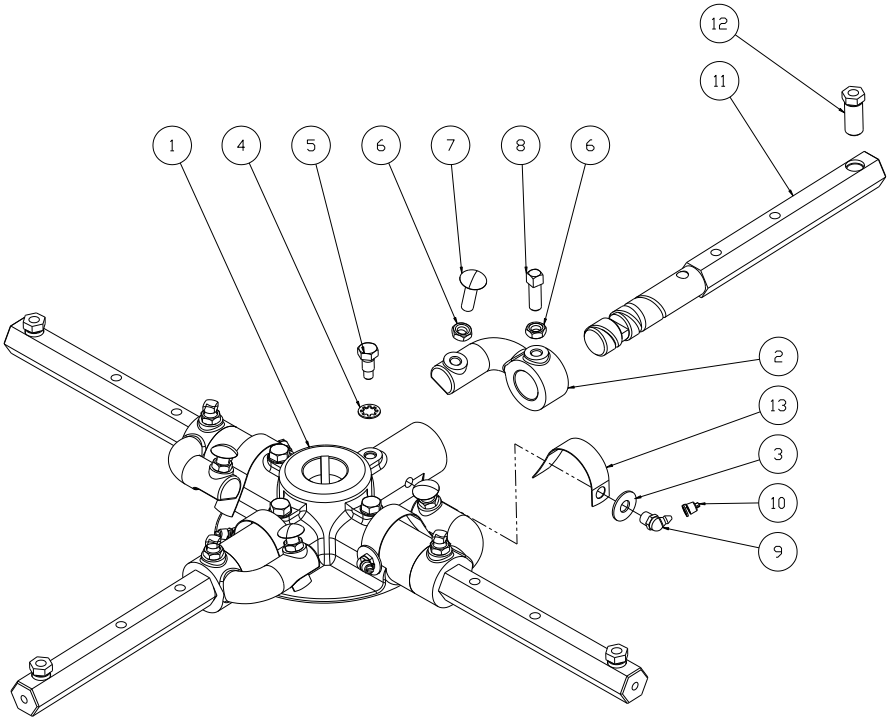
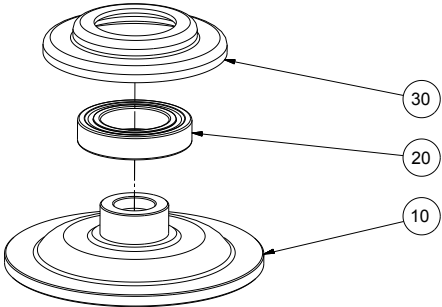


Figure 7 – Greased Spider Assembly

Note: 4 Blade Spider Plate(Part # 20839) Shown.

Item #	Description	Item #	Description
1	Spider Plate	8	Square Head Screw
2	Lift Lever	9	Grease Fitting
3	Flat Washer	10	Cap Plug
4	Lock Washer	11	Trowel Arm
5	Dog Point Bolt	12	Adjusting Screw
6	Jam Nut	13	Trowel Arm Spring
7	Carriage Bolt		



Item #	Description
10	Pressure Plate
20	Thrust Bearing
30	Pressure Plate Cap

Figure 8 – Pressure Plate Assembly

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CUSTOMER PARTS LIST

Assembly # **20839, 20840**
Greased Spider Assembly

	Item #	CW, LH 20839	CCW, RH 20840	Description	Qty	Eff. S/N	Eff. Date
	1	10820	10840	4 Spoke Spider Plate	1		07/10/07
	2	10819	10839	Lift Lever	4		07/10/07
	3	10849	10849	Flat Washer, 3/8	4		07/10/07
	4	10805	10805	Lock Washer, 3/8	4		07/10/07
	5	10806	10806	3/8-16 UNC Dog Point Bolt	4		07/10/07
	6	10808	10808	Jam Nut, 3/8 - 16 UNC	8		07/10/07
	7	10807	10807	Carriage Bolt, 3/8 - 16 UNC x 1 1/4" LG.	4		07/10/07
	8	10809	10809	SHSS, 3/8 - 16 UNC x 1" LG. Cup Point	4		07/10/07
	9	11096	11096	Grease Fitting, 1/8 NPT	4		07/10/07
	10	10822	10822	Cap Plug	4		07/10/07
	11	10405	10405	Trowel Arm	4		07/10/07
	12	10404	10404	Adjusting Screw, 1 1/4" LG.	4		07/10/07
	13	10848	10848	Trowel Arm Spring	4		07/10/07

Assembly # **20626**
Pressure Plate Assembly

	Item #	Part #	Description	Qty	EFF. S/N	Eff. Date
	10	10659	Large pressure plate	1		07/10/07
	20	10663	Large thrust bearing 6010LLU-2A	1		07/10/07
	30	10667	Large pressure plate cap	1		07/10/07

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TROWEL BLADE ASSEMBLY

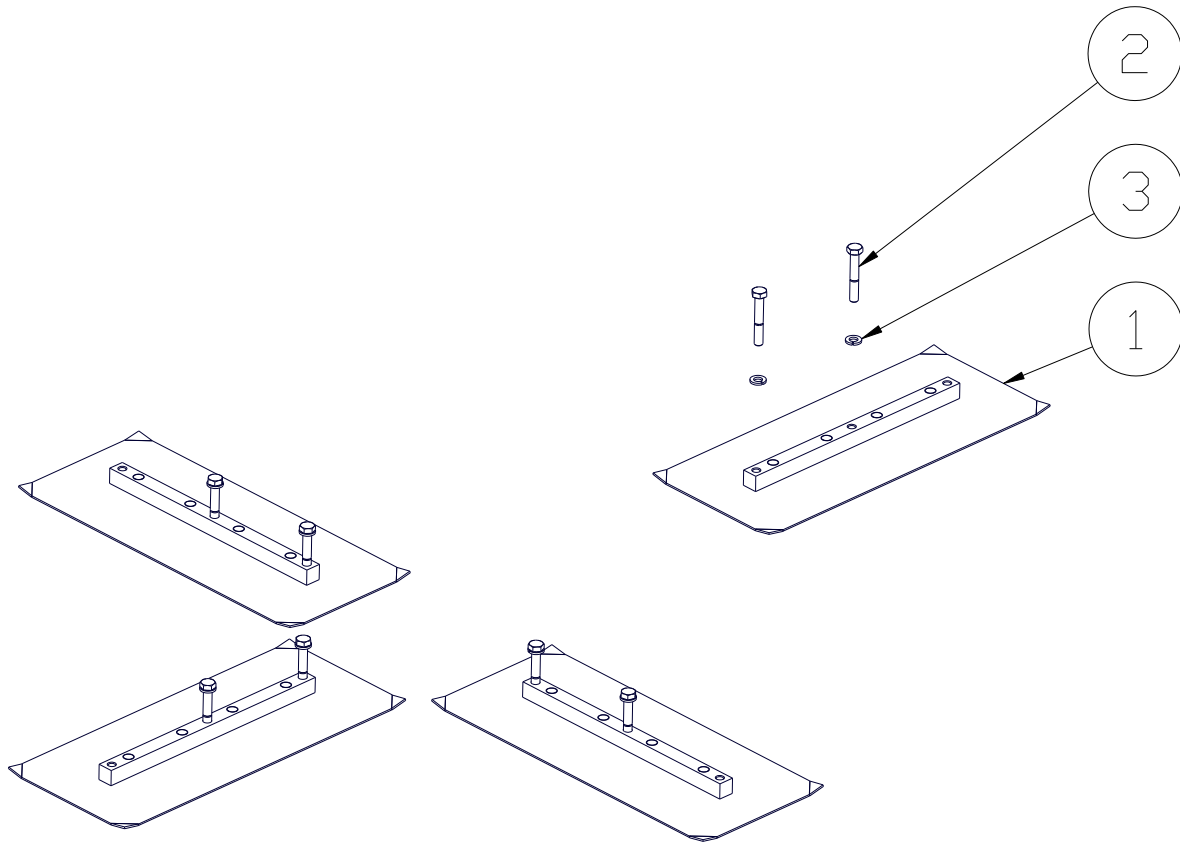


Figure 9 – Trowel Blade Kit

Note: 6 x 18 Model Shown.

Item #	Description
1	Trowel Blade
2, 4	Hex Bolt
3	Lock Washer

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CUSTOMER PARTS LIST

6 x 18 Finish Blades (Imperial)

*	Item #	Part #	Description	Qty	Eff. S/N	Eff. Date
*	1	20410	6 x 18 Imperial Trowel Blade	4		07/10/07
	2	10401	HHCS, 5/16-18x1 1/2"LG.	8		07/10/07
	3	10402	Lock Washer, ø5/16"	8		07/10/07
	4	10403	HHCS, 5/16-18x2"LG.	4		07/10/07

6 x 18 Finish Blades (Metric)

*	Item #	Part #	Description	Qty	Eff. S/N	Eff. Date
*	1	20456	6 x 18 Metric Trowel Blade	4		07/10/07
	2	10452	HHCS, M8x1.25x40mm	8		07/10/07
	3	11614	Lock Washer, ø8MM	8		07/10/07
	4	10453	HHCS, M8x1.25x50mm	4		07/10/07

Items marked with * are recommended spare parts

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TRANSPORTER ASSEMBLY

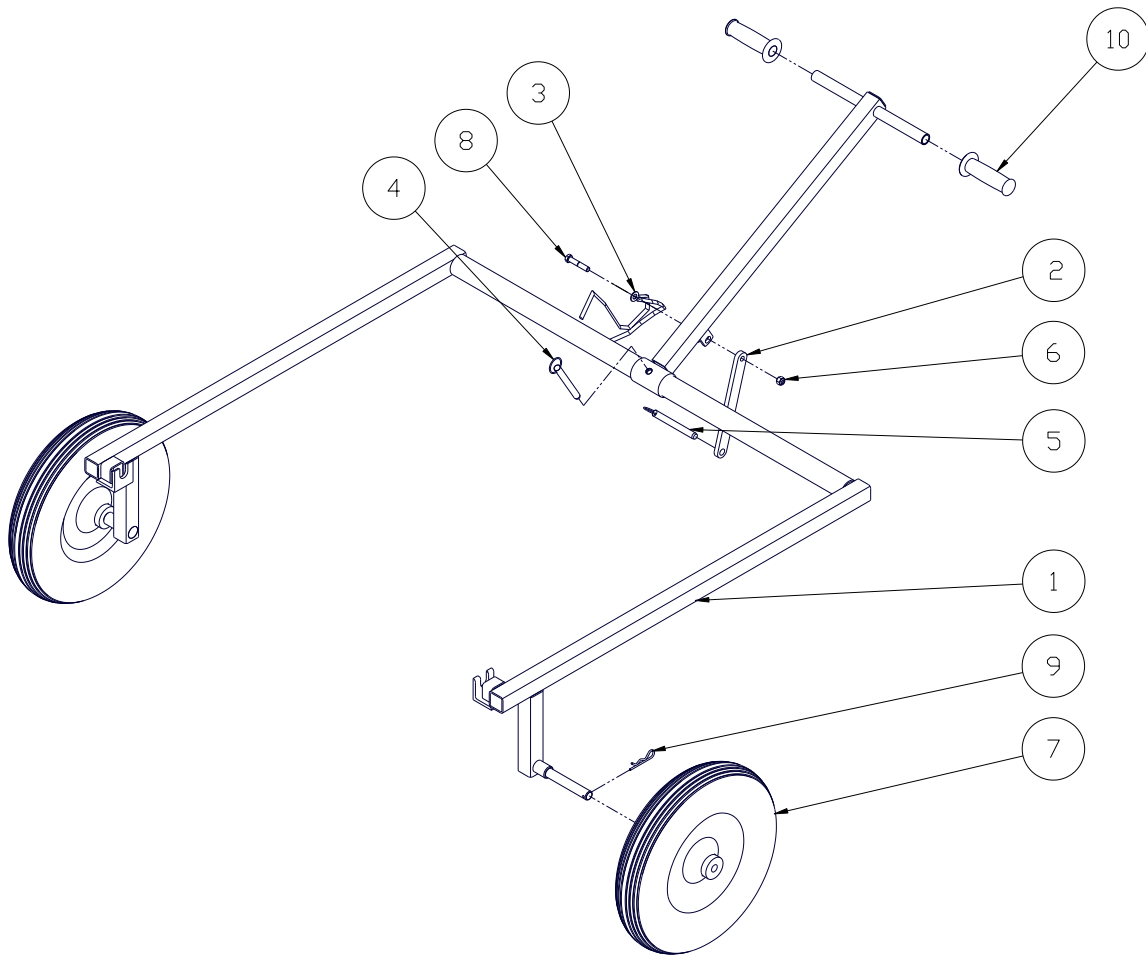


Figure 11 – TS88 Transporter

Item #	Description	Item #	Description
1	Frame Assembly	6	Lock Nut
2	Pickup Bar	7	Wheel
3	Chain	8	Hex Bolt
4	Large Hitch Pin	9	Spring Clip
5	Small Hitch Pin	10	Handle Grips

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CUSTOMER PARTS LIST

Assembly # 22523
TRANSPORTER

*	Item #	Part #	Description	Qty	Eff. S/N	Eff. Date
	1	22524	Frame Assembly	1		07/10/07
	2	13364	Pickup Bar	1		07/10/07
	3	12860	Chain	1		07/10/07
	4	12487	Large Hitch Pin, 3 1/2" LG.	1		07/10/07
	5	12488	Small Hitch Pin, 2 1/2" LG.	1		07/10/07
	6	10317	Nylon Lock Nut, 3/8 – 16 UNC	1		07/10/07
*	7	13198	Wheel, 16" x 4 " Hub	2		07/10/07
	8	12859	Hex Bolt, 3/8 – 16 UNC x 2" LG.	1		07/10/07
	9	50265	Spring Clip	2		07/10/07
	10	10509	Handle Grips	2		07/10/07

Items marked with * are recommended spare parts.

RETARDANT SPRAY SYSTEM

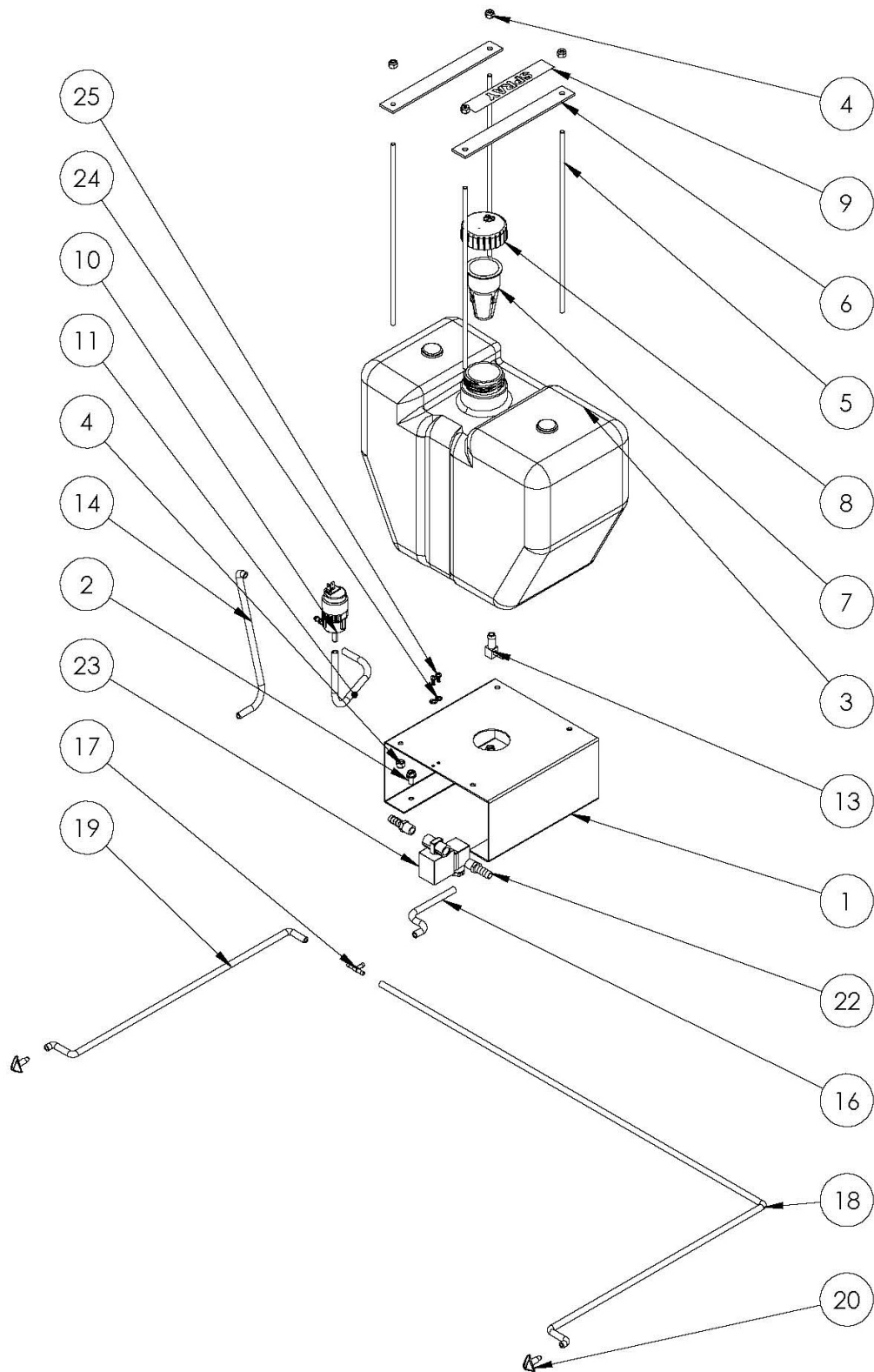


Figure 12 –TS88 Retardant Spray System

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CUSTOMER PARTS LIST

RETARDANT SPRAY SYSTEM

*	Item #	Part #	Description	Qty	Eff. S/N	Eff. Date
	1	18131	Support	1		
	2	14596	HHCS 1/4 - 20 x 5" LG	4		
	3	18136	Water Tank	1		
	4	30141	Locknut 1/4 - 20	8		
	5	11829	1/4 - 20 Threaded Rod	4		
	6	18132	Hold Down Bar	2		
	7	18139	Strainer	1		
	8	18140	Cap	1		
	9	14481	Label	1		
*	10	18138	12V Pump	1		
	11	18141	3/16" Hose	10-1/2"		
	12	18144	Grommet	1		
	13	18145	Elbow	1		
	14	18141	3/16" Hose	8-1/2"		
	15	18137	Check Valve	1		
	16	18141	3/16" Hose	4-1/2"		
	17	18143	3/16" Tee	1		
	18	18141	3/16" Hose	47"		
	19	18141	3/16" Hose	19"		
	20	14179	Nozzles	1		
	21	---	3/16" Cable Tie	1		

Items marked with * are recommended spare parts.