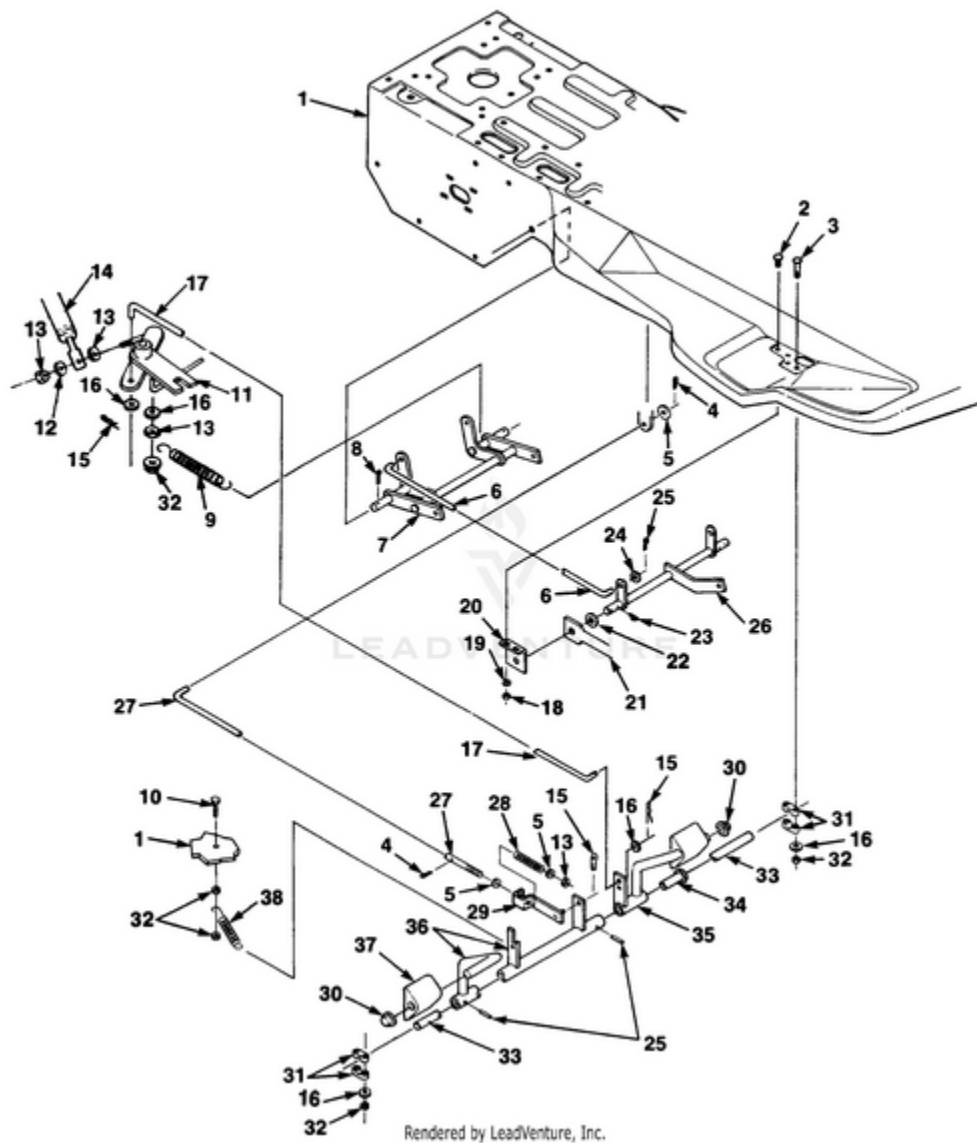
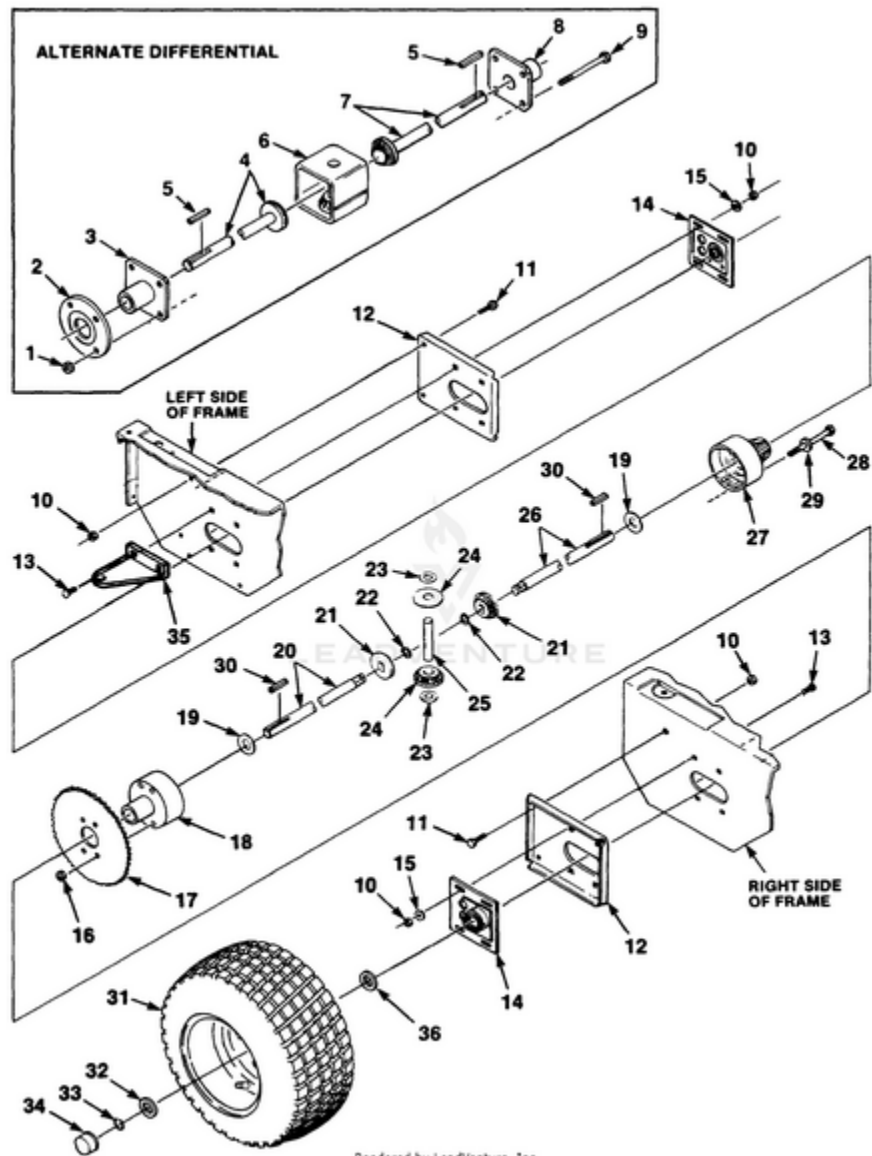


JR1230E Riding Mower UT-32022 - Brake And Clutch



Ref #	Part #	Description	Qty	Context Note
1	JA991168	FRAME	1	
2	JA441664	BOLT- Carr. 1/4-20 x 5/8	4	
3	JA440050	BOLT- 1/4-20 x 1 1/2	4	
4	JA460016	PIN- Cotter	2	
5	JA453009	WASHER- 5/16 Plain	3	
6	JA991158	ROD- Deck lift	2	
7	JA991163	BRACKET- Rear hanger	1	
8	JA460306	PIN- Cotter	2	
9	JA376088	SPRING- Extension	1	
10	JA400106	SCREW- 1/4-20 x.625	1	
11	JA991148	ARM- Pivot	1	
12	JA453009	WASHER 5/16	2	
13	JA444718	NLA(NO LONGER AVAILABLE)	2	
14	JA991444	DAMPER	1	
15	JA460008	PIN- Cotter	4	
16	JA452004	WASHER- 1/4"	8	
17	JA991573	ROD- Clutch	1	
18	JA443102	NUT- 1/4-20	4	
19	JA446130	WASHER- Lock 1/4	4	
20	JA375815	BRACKET	2	
21	JA990507	SUPPORT- Front axle	2	
22	JA453017	NLA(NO LONGER AVAILABLE)	2	
23	JA460212	PIN- Cotter	8	
24	JA 452008	WASHER- Flat 7/16	4	
25	JA461346	PIN- Cotter	3	
26	JA991164	HANGER- Front	1	
27	JA991155	ROD- Brake	1	
28	JA376102	SPRING- Brake	1	
29	JA181969	BRACKET- Brake spring	1	
30	JA375810	NUT- Push 5/8	2	
31	JA339461	BEARING	4	
32	JA444708	NUT- Centerlock hex 1/4-20	5	
33	JA991157	PEDAL SHAFT	1	
34	JA990550	BUSHING	1	
35	JA991159	PEDAL- Clutch	1	
36	JA991156	PEDAL- Brake	1	
37	JA345020	PEDAL- Rubber	2	
38	JA990985	SPRING	1	

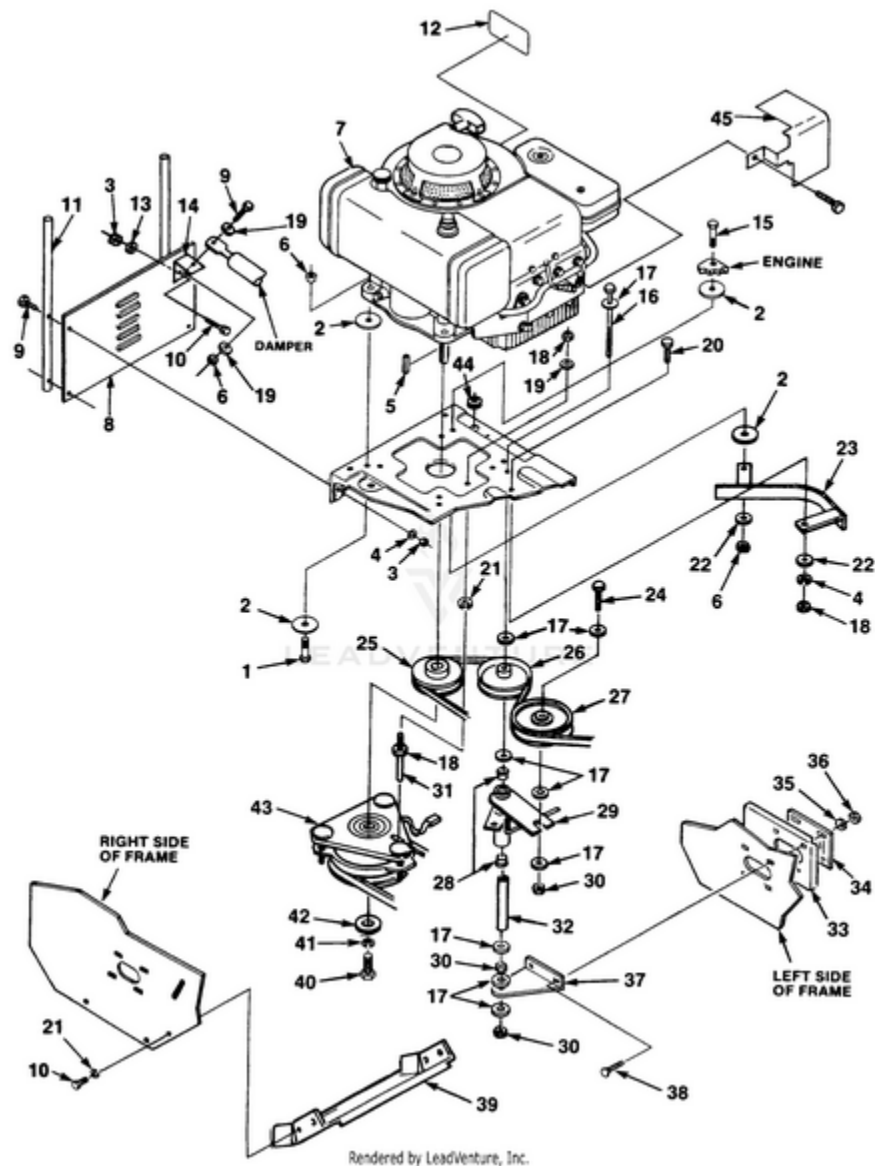
JR1230E Riding Mower UT-32022 - Differential



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Ref #	Part #	Description	Qty	Context Note
	JA991308	DIFFERENTIAL ASSEMBLY	1	(Stewart #9573) (incl. #s 1-9)
1	JA991305	NUT- Hex	4	
2	JA990233	SPACER- Differential	1	
3	JA990234	CAP & BEARING (R.H.)	1	
4	JA991304	AXLE- R.H. w/Gear	1	
5	JA310611	KEY 3/16 x 3/16 x 2 1/2	2	(not part of differential)
6	JA990231	HOUSING & GEAR	1	
7	JA991303	AXLE- L.H. w/Gear	1	
8	JA990235	CAP & BEARING (L.H.)	1	
9	JA990241	SCREW- Hex 5/16-18 x 4	4	
10	JA444708	NUT- 1/4-20 lock	12	
11	JA400106	SCREW 1/4-20 x 5/8	8	
12	JA991167	SUPPORT- Frame	2	
13	JA441606	BOLT- 1/4-20 x 3/4	8	
14	JA992700	RETAINER & BEARING	2	
15	JA452004	WASHER 1/4	8	
16	JA 444762	NUT- Centerlock 3/8-16	4	
17	JA990992	SPROCKET- 48 tooth	1	
	JA991307	DIFFERENTIAL (Peerless 774495)	1	(Incl. #s 18-29)
18	JA990207	HOUSING- L.H. Gear	1	
19	JA990204	WASHER	2	
20	JA991349	AXLE-Short (RH)	1	
21	JA990195	GEAR- Bevel	2	
22	JA990205	RING- Snap	2	
23	JA990199	WASHER- Thrust	2	
24	JA990202	GEAR- Pinion	2	
25	JA990201	PIN- Drive	1	
26	JA991348	AXLE-Long(LH)	1	
27	JA990206	GEAR HOUSING- R.H.	1	
28	JA403754	SCREW- Mach hex hd.	4	
29	JA990203	WASHER	4	
30	JA310611	KEY	2	
31	JA990825	TIRE & HUB (rear)	2	
32	JA313820	SPACER- Axle	4	
33	JA458038	RING- Retaining	2	
34	JA376090	CAP-Hub	2	
35	JA991144	BRACKET	1	
36	JA455055	WASHER- Flat	2	

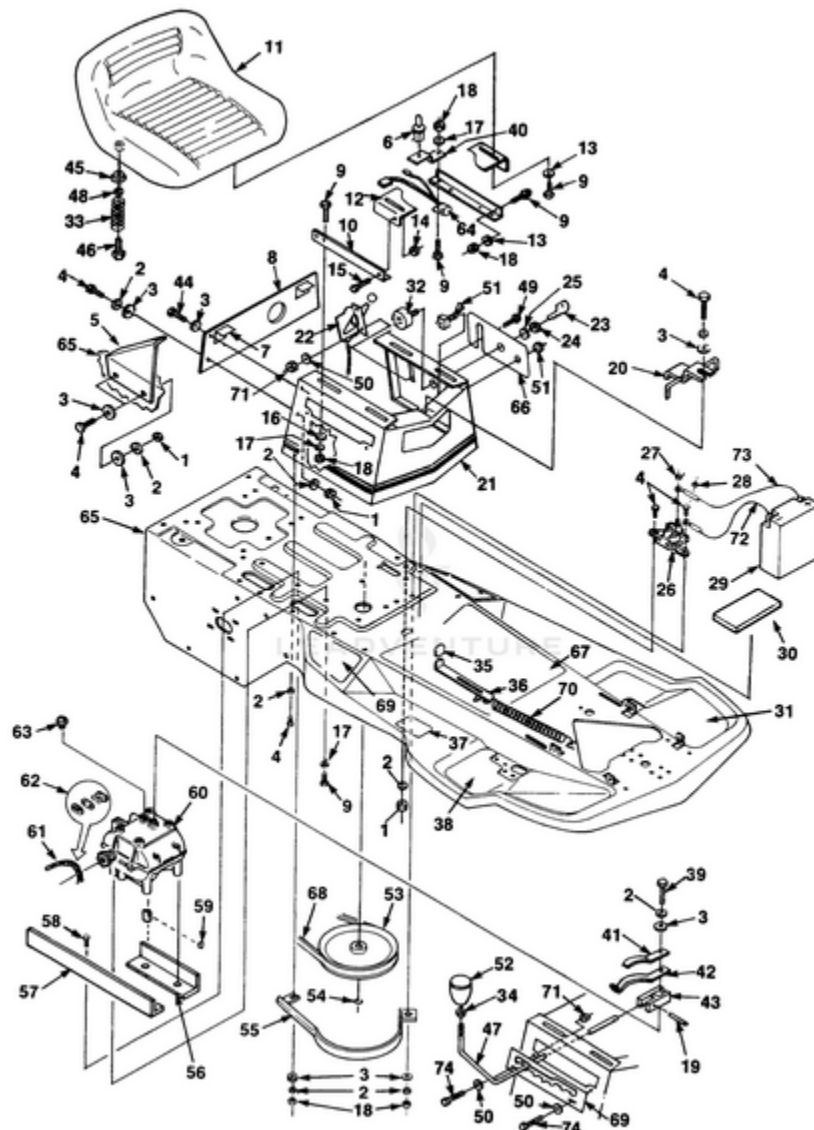
JR1230E Riding Mower UT-32022 - Engine And Drive



Ref #	Part #	Description	Qty	Context Note
1	JA400192	SCREW- 5/16-18 x 1 1/2	3	
2	JA350929	WASHER- 5/16	8	
3	JA443102	NUT- 1/4-20 hex	7	
4	JA446130	WASHER- 1/4	8	
5	JA306968	KEY- 1/4 x 1/4 x 1	1	
6	JA444718	NLA(NO LONGER AVAILABLE)	5	
7	JA993826	ENGINE-	1	(JR830)
	JA993827	ENGINE-	1	(JR1030E)
	JA993828	ENGINE-	1	(JR1230E)
8	JA991088	PANEL- Rear	1	
9	JA400184	BOLT- 5/16-18 x 3/4	5	
10	JA400106	SCREW- 1/4-20 x 5/8	16	
11	JA992155	TUBE- Catcher Support	2	
12	JA992354	DECAL- (Hot Muffler)	1	
13	JA446128	WASHER 1/4	1	
14	JA991806	BRACKET	1	
15	JA 400194	BOLT- 5/16-18 x 1 3/4	1	
16	JA400288	BOLT- 3/8-16 x 5 1/2	1	
17	JA 452008	WASHER- 3/8 flat	9	
18	JA443106	NUT- Hex 5/16-18	3	
19	JA453009	WASHER- Flat 5/16	2	
20	JA400108	USE 80052	3	
21	JA446134	USE UP03407	2	
22	JA452004	WASHER- Flat 1/4	3	
23	JA991165	GUIDE- Belt	1	
24	JA400268	BOLT- 3/8-16 x 1 3/4	1	
25	JA991147	PULLEY- Engine	1	
26	JA991146	PULLEY- Idler	1	
27	JA991145	PULLEY- Idler	1	
28	JA990733	BEARING- Flange	2	
29	JA991148	ARM- Pivot	1	
30	JA 444762	NUT- Hex Centerlock 3/8-16	3	
31	JA990979	PIN- Clutch torque	1	
32	JA990732	SPACER	1	
33	JA991167	SUPPORT- Frame	2	
34	JA992700	RETAINER & BEARING	2	
35	JA452004	WASHER- Lock 1/4 hvy	8	
36	JA444708	NUT- Centerlock hex 1/4-20	12	
37	JA991144	BRACKET	1	
38	JA441606	BOLT- Rd. hd. carr. 1/4-20 x.750	2	
39	JA991085	PAN-Bottom	1	

Ref #	Part #	Description	Qty	Context Note
40	JA400384	BOLT- Hex hd. 7/16-20 x 2 3/4	1	
41	JA446148	WASHER- Lock 7/16	1	
42	JA990128	CLUTCH RETAINER	1	
43	JA991059	CLUTCH- Warner	1	
	JA990977	CLUTCH- Agura	1	
44	JA991427	GROMMET	1	
	JA375995	THROUGH	1	(not shown)
45	JA992169	HEAT SHIELD	1	(JR1030E & JR1230E)

JR1230E Riding Mower UT-32022 - Frame

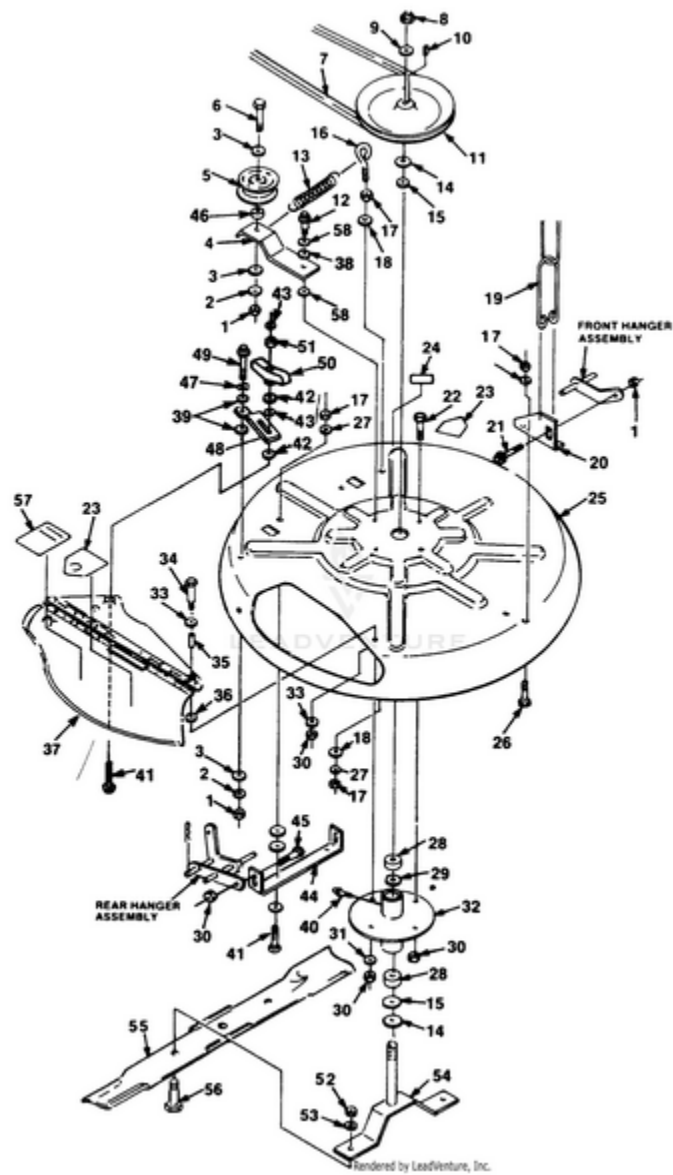


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Ref #	Part #	Description	Qty	Context Note
1	JA443102	NUT-Hex 1/4-20	9	
2	JA446128	WASHER-Lock 1/4	3	
3	JA452004	WASHER- Flat 1/4	5	
4	JA400106	BOLT- 1/4-20 x.625	12	
5	JA991083	BRACKET- Chain guard	1	
6	JA991513	SWITCH- Seat	1	
7	JA991162	BRACKET	2	
8	JA991575	PLATE- Reinforcement	1	
9	JA400184	BOLT- 5/16-18 x.750	7	
10	JA990039	SEAT RAIL	2	
11	JA124072	SEAT	1	
12	JA991208	BRACKET- Seat	1	
13	JA446134	USE UP03407	2	
14	JA444718	NLA(NO LONGER AVAILABLE)	2	
15	JA375431	BOLT- Shoulder 5/16-18 hex	2	
16	JA453009	WASHER- Plain 5/16	3	
17	JA446134	USE UP03407	7	
18	JA443106	NUT- 5/16-18 hex	3	
19	JA461383	PIN- Spring 3/16 x 1	1	
20	JA991836	BRACKET- Battery	1	(JR1030E & 1230E)
21	JA992537	TOWER- Seat	1	
22	JA992098	THROTTLE CONTROL & CABLE	1	
23	JA343060	KEY- Ignition	1	
24	JA549343	NUT- Ignition switch 5/8-32	1	
25	JA447224	WASHER- Ignition switch 5/8	1	
26	JA995590	SOLENOID- Switch	1	(JR1030E & 1230E)
27	JA443802	NUT	4	(JR1030E & 1230E) (Lead 1/4-20)
28	JA444306	NUT	4	(JR1030E & 1230E) (Hex 8-32)
29	JA991857	BATTERY	1	(JR1030E & 1230E)
30	JA991507	BATTERY PAD	1	(JR1030E & 1230E)
31	JA339513	FOOT REST (left hand)	1	
32	JA130666	IGNITION SWITCH	1	(JR830) (Incl. 23,24, and 25)
	JA130412	IGNITION SWITCH	1	(JR1030E & JR1230E) (Incl. 23,24, and 25)
33	JA359266	SPRING- Torsion	1	
34	JA443812	NUT- Hex jam 3/8-24	1	
35	JA375987	KNOB- Latch	1	
36	JA375859	LATCHING- Parking brake	1	
37	JA339568	FOOT PAD	2	

Ref #	Part #	Description	Qty	Context Note
38	JA339514	FOOT REST (right hand)	1	
39	JA400148	SCREW- Hex hd. 1/4-28 x.750	1	
40	JA991747	BRACKET- Seat switch	1	
41	JA991839	SPRING- Flat (shift yoke)	1	
42	JA991843	SPRING- Flat (shift yoke)	1	
43	JA991848	BRACKET- Pivot	1	
44	JA400108	USE 80052	2	
45	JA992007	RETAINER- Spring	1	
46	JA400184	SCREW- Hex hd. 5/16-18 x 3/4	1	
47	JA991847	GEARSHIFT LEVER	1	
48	JA446134	USE UP03407	1	
49	JA403910	SCREW	2	
50	JA452002	WASHER- Flat 1/4	4	
51	JA990135	SWITCH- P.T.O.	1	
52	JA991845	KNOB- Shift lever	1	
53	JA392593	TRANSMISSION PULLEY	1	
54	JA458009	RING-Snap	1	
55	JA991165	BELT GUARD- Transmission	1	
56	JA991086	ANGLE- Short	1	
57	JA991185	ANGLE- Long	1	
58	JA400108	USE 80052	1	
59	JA463017	KEY- Transmission 3/16 x 3/4	1	
60	JA990222	TRANSMISSION- Peerless Tecumseh	1	
61	JA990739	Chain- Drive #40	1	
62	JA470503	CONNECTING LINK- Chain	1	
63	JA990981	SWITCH- Neutral safety	1	
64	JA991077	NEUTRAL START SAFETY INTERLOCK	1	
65	JA991168	FRAME	1	
66	JA992103	DECAL- Control Manual	1	(JR830)
	JA992104	DECAL- Ignition Switch	1	(JR1230E & JR1230E)
67	JA992238	DECAL- Instruction	1	
68	JA990738	BELT- Transmission	1	
69	JA992013	PLATE- Shift	1	
70	JA991442	SPRING- Extension	1	
71	JA444782	NUT	4	
72	JA992201	CABLE- Ground	1	
73	JA992199	CABLE- Battery	1	
74	JA403744	SCREW- 10-24 x 1/2	2	

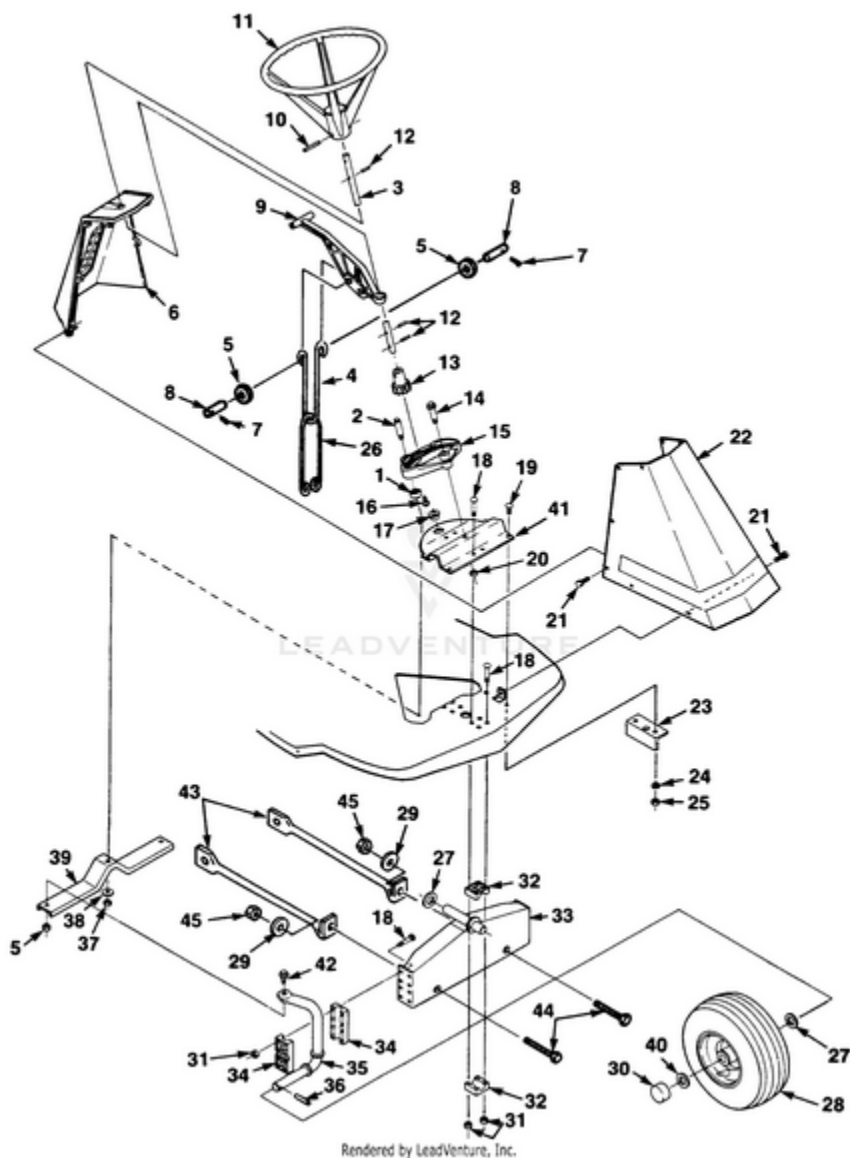
JR1230E Riding Mower UT-32022 - Mower



Ref #	Part #	Description	Qty	Context Note
1	JA 444762	NUT-Hex centerlock 3/8-16	2	
2	JA446140	USE UP07435	2	
3	JA 452008	WASHER- Flat 7/16	3	
4	JA991598	ARM- Pivot	1	
5	JA991151	PULLEY- Idler	1	
6	JA400274	NLA(NO LONGER AVAILABLE)	1	
7	JA991488	BELT	1	
8	JA445783	NUT- Hex locking	1	
9	JA453022	WASHER- Flat 13/16	1	
10	JA321292	KEY- 3/16 x 1.00	1	
11	JA330023	PULLEY- Spindle	1	
12	JA400190	SCREW- Cap hex hd 5/16-18 x 1.250	1	
13	JA991532	SPRING- Extension	1	
14	JA991497	SPACER-.100 Thick	2	
15	JA455055	WASHER-.036 Thick	2	
16	JA354532	BOLT- Eye	1	
17	JA444708	NUT- Centerlock 1/4-20	6	
18	JA455024	WASHER- Flat 1/4	2	
19	JA990269	LINK- Lower front lift	1	
20	JA339492	BRACKET- Front lift	1	
21	JA376007	BOLT- Shoulder 3/8-16 x 2.125	1	
22	JA400184	SCREW- Cap hex hd 5/16-18 x.750	2	
23	JA339460	DECAL- CPSC Warning	2	
24	JA339566	DECAL- No step	1	
25	JA991572	DECK- Cutter 30"	1	
26	JA400106	SCREW- Cap hex hd. 1/4-20 x.625	2	
27	JA446130	WASHER- Lock 1/4	5	
28	JA991765	BEARING- Cutter shaft	2	
29	JA376076	SPACER- Bearing	1	
30	JA444718	NLA(NO LONGER AVAILABLE)	4	
31	JA446136	WASHER- Lock 5/16	1	
32	JA991596	SPINDLE HOUSING	1	
33	JA453009	WASHER- 5/16 SAE	2	
34	JA 400182	SCREW- Hex 5/16-18 x 5/8	1	
35	JA991744	SPACER	1	
36	JA453011	WASHER- Flat 3/8	1	
37	JA991718	PLATE COVER ASSEMBLY	1	
38	JA991504	SPACER- Idler arm	1	
39	JA455049	WASHER- Flat	2	
40	JA471238	FITTING	1	
41	JA400108	USE 80052	2	

Ref #	Part #	Description	Qty	Context	Note
42	JA452004	WASHER- Plain 1/4	2		
43	JA445272	WASHER	2		
44	JA990291	BRACKET- Rear lift	1		
45	JA354480	BOLT- Shoulder 5/16 x 18	4		
46	JA992229	SPACER	1		
47	JA454020	WASHER- Spring	1		
48	JA991519	ARM- Pivot	1		
49	JA376094	BOLT- Hex hd cap 1/4-20 x.625	1		
50	JA339550	KNOB	1		
51	JA445784	NUT- Hex 1/4-20 hvy	1		
52	JA 444758	NUT- Hex centerlock 1/2-13	1		
53	JA446154	WASHER- Lock 1/2	2		
54	JA991597	SPINDLE & ADAPTER	1		
55	JA991659	BLADE	1		
56	JA408803	SCREW- Cap hex hd 1/2-13 x 1.25	2		
57	JA339524	DECAL- Danger	1		
58	JA453032	WASHER- Idler arm	2		
	JA991658	BLADE-Sand	1		(optional)
	JA991661	BLADE- Normal lift	1		(optional)

JR1230E Riding Mower UT-32022 - Steering And Mower Lift



Ref #	Part #	Description	Qty	Context Note
1	JA375835	BUSHING- Ball	1	
2	JA375867	STUD- Steer	1	
3	JA375802	SHAFT	1	
4	JA990219	LINK- Lift	1	
5	JA453017	NLA(NO LONGER AVAILABLE)	2	
6	JA991501	PANEL- Console	1	
7	JA460026	PIN- Cotter 1/8 x 3/4	2	
8	JA990429	PIN- Retainer	1	
9	JA330001	HANDLE- Lift	1	
10	JA461393	PIN- Roll 1/4 x 2	1	
11	JA336146	WHEEL- Steering	1	
12	JA461346	PIN	3	
13	JA339488	PINION- Steering	1	
14	JA376007	BOLT- Shoulder 3/8-16 x .125	1	
15	JA229622	SECTION- Steering	1	
16	JA409907	SCREW 1/4-20 x 1/2	1	
17	JA354130	BUSHING	1	
18	JA440052	BOLT- 1/4-20 x 1 3/4 carr.	16	
19	JA441606	BOLT- 1/4-20 x 3/4 Carr. Sq. Nk.	4	
20	JA 444762	NUT- 3/8-16 C'lock	1	
21	JA375978	BOLT- 1/4-14 x .44 Swedge form	12	
22	JA990055	SUPPORT- Steering	1	
23	JA376010	BRACKET	2	
24	JA446130	WASHER- Lock 1/4	8	
25	JA443102	NUT- 1/4-20 hex	8	
26	JA990269	LINK- Lower lift	1	
27	JA453022	WASHER- Flat 3/16	5	
28	JA992072	WHEEL & TIRE	2	
29	JA453011	WASHER- Plain (Flat 13/32)	3	
30	JA348877	CAP-Hub	2	
31	JA444708	NUT- 1/4-20 hex c'lock	16	
32	JA339462	BEARING - Front axle	4	
33	JA990015	AXLE- Front	1	
34	JA339465	BEARING- Wheel spindle	4	
35	JA995450	SPINDLE- L.H. Wheel	1	
	JA995440	SPINDLE- R.H. Wheel	1	
36	JA461418	PIN	2	
37	JA445776	NUT- C'Locking-hex 3/8-24	1	
38	JA453011	WASHER- Flat 13/32	1	
39	JA392529	BRACKET- Steering	1	
40	JA445054	WASHER	2	

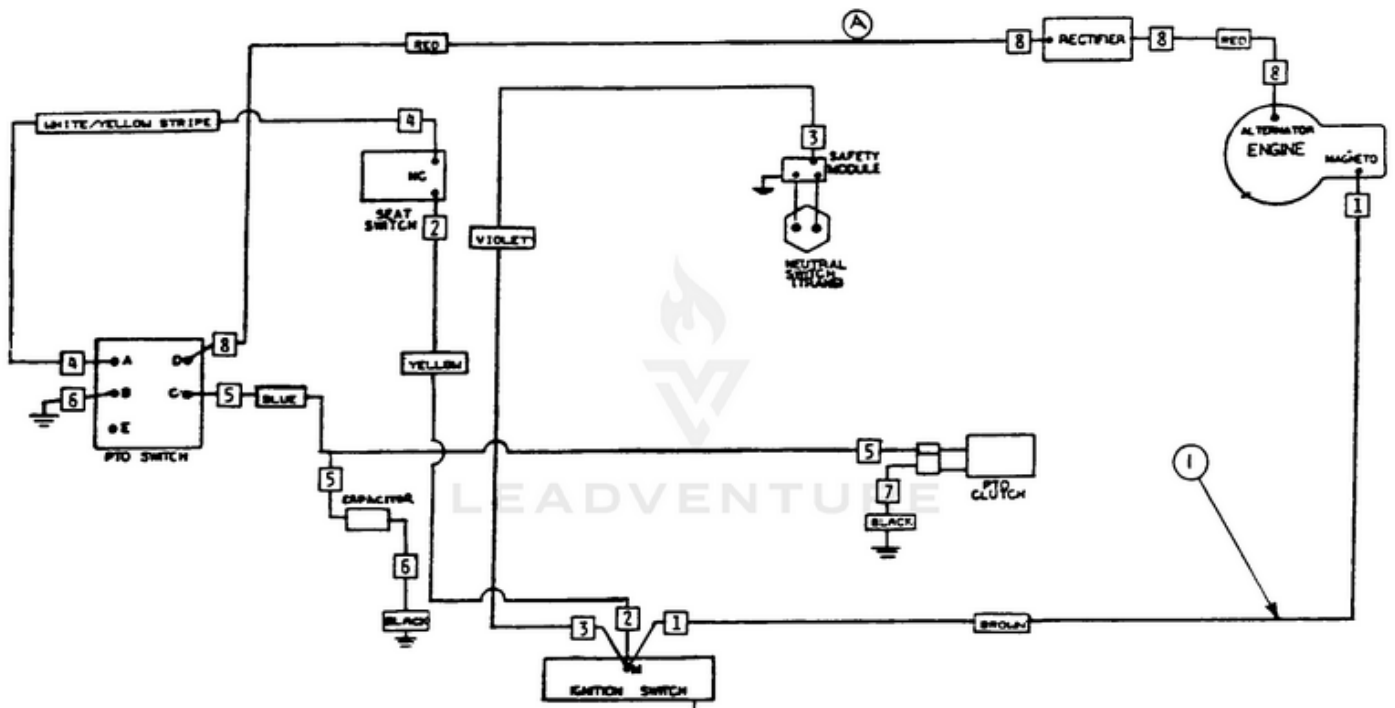
Ref #	Part #	Description	Qty	Context	Note
41	JA392523	BRACKET- Reinforcement	1		
42	JA354480	BOLT- Shoulder	2		
43	JA990507	SUPPORT- Frame axle	2		
44	JA400256	BOLT- 3/8-16 x 5/8	2		
45	JA 444762	NUT 3/8-16 C'Lock	2		

JR1230E Riding Mower UT-32022 3 - Wiring Diagram Electric Start



Ref #	Part #	Description	Qty	Context	Note
1	JA991938	WIRE HARNESS	1		
2	JA992201	BATTERY CABLE- Ground	1		
3	JA992199	BATTERY CABLE	1		

JR1230E Riding Mower UT-32022 - Wiring Diagram Manual Start



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Ref #	Part #	Description	Qty	Context	Note
1	JA991486	WIRE HARNESS	1		