

FIELDMASTER®

Quad-topper L & XL, Quad-Estate, Rough-Cut

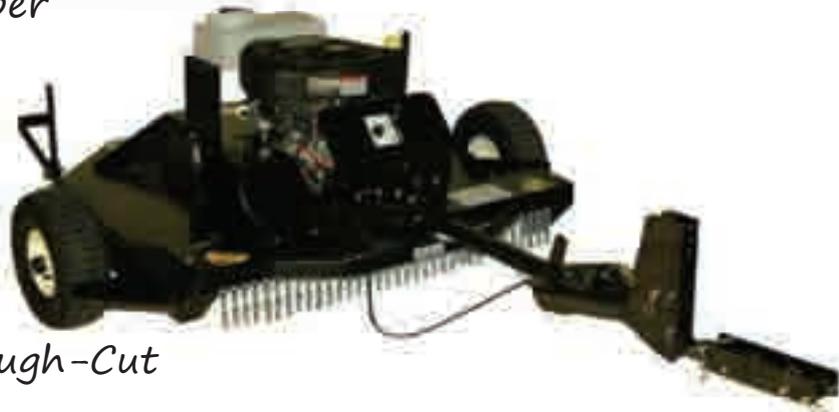
Issue Date: January 2010



Quad-Topper



Quad-Estate



Rough-Cut

OWNERS/OPERATORS MANUAL
AND SPARE PARTS LIST

QUAD TOPPER

Introduction

Your Quad Topper has been designed to do a range of work to your satisfaction. This list of instructions covers basic requirements for maintenance and will ensure good service if carried out.

Cautionary Advice

Special Safety features are incorporated in the design of this machine for your protection, but careless operation can still cause damage or injury.

DON'T let familiarity trap you into danger.

DON'T attempt any adjustment whatsoever while the machine is operating or spinning to a stop.

KEEP WELL AWAY from the machine if the cutter is spinning.

SPECTATORS (particularly children) must be kept well away while the machine is operating as sticks and stones can fly further than thought.

MAKE REGULAR INSPECTIONS of the cutter assembly for fractures and be sure that flails and flail plate are properly attached. Replace if any irregularity or excessive wear shows.

FOR ENGINE SERVICE AND MAINTENANCE refer to the engine manual provided.

ALL WARRANTY OR SERVICE REQUIREMENTS are handled by your local Tecumseh engine dealer. Phone Fieldmaster for details of your local dealer.



Read Operating Manual before use.



Examine blades regularly. It is the operator's responsibility for machine damage caused by unbalanced rotors.



Never remove guards or attempt adjustment until rotor has stopped.



Bystanders must be at least 20 metres from machine range of action.



Stand clear, flying objects possible.



Ear muffs must be worn.

OPERATING INSTRUCTIONS

SETTING UP YOUR QUAD TOPPER

1. Reverse your towing vehicle up to the machine and connect to the ball hitch, ensuring that it is locked in position.
2. With the vehicle and machine on level ground, ensure that both wheels are set at the same height, in respect of the height locking bolt being in the same hole on each quadrant plate.
3. Now adjust the drawbar bolt settings to ensure that the machine is parallel to the ground front to back.

USING YOUR QUAD TOPPER

The engine on your mower can be started either with the throttle set at high or low revs, but always ensure that the revs are immediately adjusted so that the centrifugal clutch (if fitted) is either completely disengaged or completely engaged. Running the machine with the clutch partially engaged will rapidly cause wear to the clutch.

To stop the engine on your mower push the engine kill button located on the throttle stalk. For electric start option, turn key ignition to off.

Depending on the volume of material to be cut, you will quickly arrive at the optimum forward speed that will not strain the engine, but will also give a fine cut. You will establish by experience what the optimum forward speed for your conditions is, but on regularly maintained grass you should achieve a good finish at 5kph.

Long, wet grass will have to be cut more slowly. In very difficult conditions better results are obtained by making two passes, in opposite directions – lowering the cutting height for the second pass.

HEIGHT ADJUSTMENT

Quad Topper Estate:

First insert the adjustment handle into the socket on the wheel pivot plate and push down to take the weight of the machine, ensuring that both sides are the same.

Replace the handle into its socket.

Adjust the height of the drawbar if necessary to ensure that the body of the machine is parallel to the ground from front to back.

Quad Topper:

With the under body of the mower deck supported, undo the side plate bolts, adjust height and refasten bolts ensuring side plates are parallel (i.e. bolts both in the same height setting).

BELT ADJUSTMENT

Quad Topper Estate:

First remove the belt covers; this will loosen the engine plate. To tighten the bolts undo lock nuts and tighten the tensioning screw/s clockwise pulling the engine and its driving pulley away from the centre rotor pulley. Ensure both screws are adjusted the same to keep the assembly parallel and belts tensioned evenly.

The belts should be free to move 12mm under finger pressure, if they are too tight there will be undue stress on the driven parts.

When the belts are adjusted correctly, tighten the locknut on the adjusting screw and replace the belt covers tightening down well.

Quad Topper:

The drive belts are adjusted by moving the engine on its mounting plate in relation to the mower deck. Release the four engine bolts under the mounting plate. Adjust tension using the tensioner screw, when tensioned retighten the engine bolts.

LUBRICATION

The engine should be maintained in accordance with the manual provided.



DAILY: Grease the spindle bearing through the grease nipple above the spindle pulleys.

MAINTENANCE

Check ALL FASTENING SETS after the first 8 hours of work.



These should be checked periodically and replaced if found to be fraying, cut or damaged in any other way.

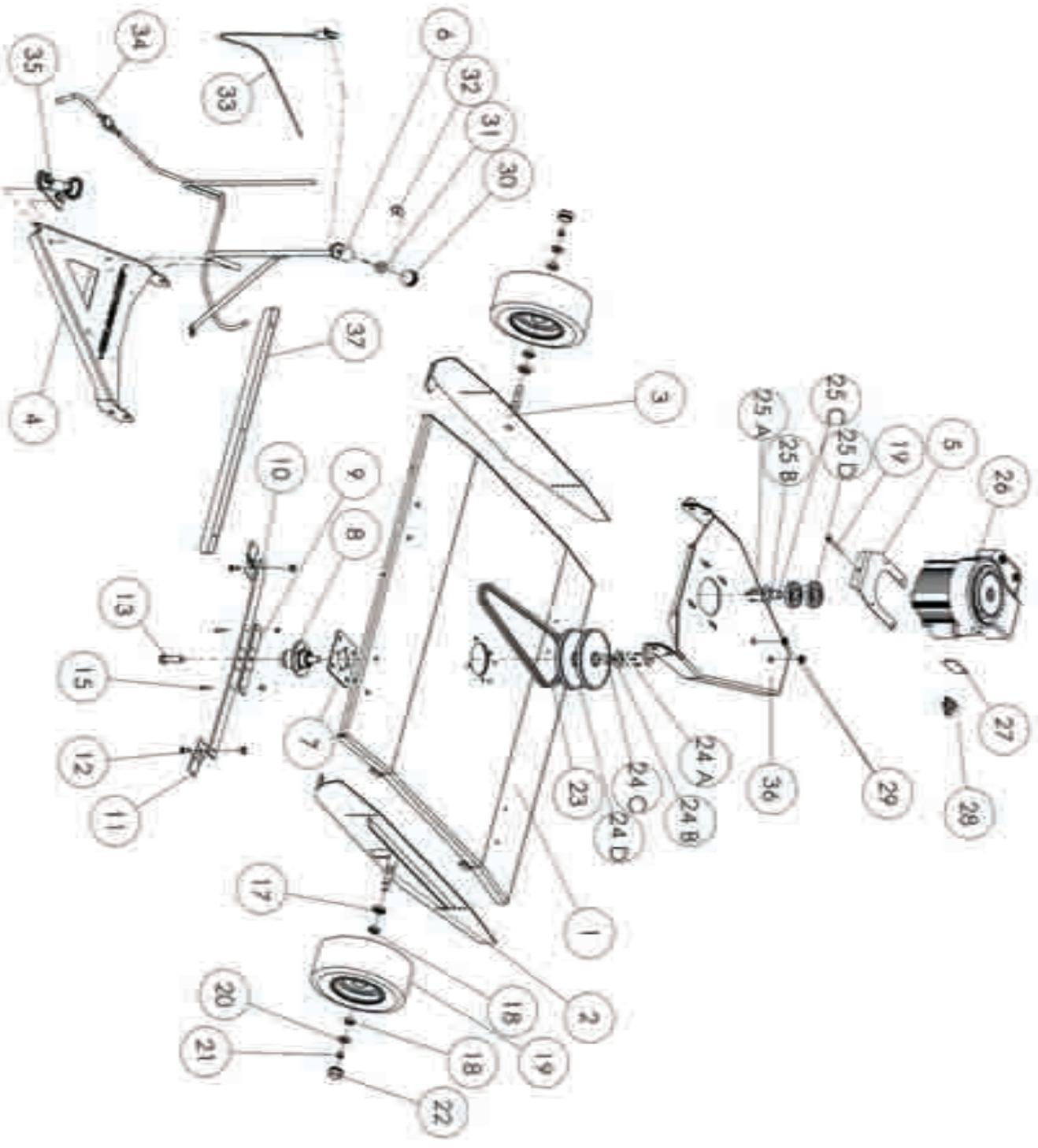
BLADES

These should be regularly checked for condition. Damaged blades cause imbalance in the rotor and in turn can cause serious damage to the mower, which is specifically excluded from our warranty conditions. If the mower begins to vibrate, stop work immediately and investigate. Almost certainly the cause will be damaged blades.

Check Quad Topper flail tip bolts for wear periodically.

ATV "QUAD TOPPER"

QT-L & QT-LE (1.1 MTR CUT)
QT-XL (1.4 MTR CUT)



ITEM NO	L & LE MODEL	XL MODEL	DESCRIPTION	MACH QTY
1	641200	641500	Chassis Deck	1
2	182800	183800	LH Skid Plate	1
3	182801	183801	RH Skid Plate	1
4	995601	995601	Draw Bar	1
5	641201.01	641201.01	Belt Tensioner Plate	1
6	995603	995603	Remote Throttle Handle	1
7	641202	641202	Adapter Pulley Plate	1
8	01.404	01.404	Spindle Assembly Complete	1
	02.192	02.192	Spindle shaft only	1
	04.086	04.086	Spindle bearing top	1
	04.091	04.091	Spindle bearing - lower	1
9	121019.01	121020.01	Blade Support Bar	1
10	121019	121020	Flail Carrier	1
11	2362	2362	Flail Tip RH	2
12	2358	2358	Flail Bolt & nut	2
13	06.056.01	06.506.01	Blade Bolt (RH)	1
15	121019.02	121019.02	Support Bar Bolt / Nut	2
17			Oil Seal for 9454 Wheel	2
18			Bearing for 9454 Wheel	4
19	9454	9454	Quad Topper Wheel Assembly	2
19	641201.02	641201.02	Belt Tensioner Bolt	1
23	641204.01	641207	Vee Belt	1
24A	160020.03	160020.03	Stack Bolt Set	1
24B	160019.02	160019.01	Retainer (No 2)	1
24C	160019.01	160019.01	Bush (No 2)	1
24D	160019	160019	Biloc Pulley—Dia: 180/224	1
25A	160018.03	160018.03	Stack Bolt Set (No 1)	1
25B	160018.02	160018.02	Retainer (No 1)	1
25C	160018.01	160018.01	Bush (No 1)	1
25D	160018	160018	Biloc Pulley—Dia: 85	1
26	10.220	10.221	Formula 10 Engine— 11Hp/ 13Hp	1
	10.225	10.225	18 HP Engine	1
26A	22006.01	22006.02	Engine Shaft Bolt	1
27	2092.1	2092.1	Solenoid Mount Bracket	1
28	2092	2092	Solenoid	1
29	11350	11350	Grommet for Spindle Greasing	1
30	910908	910908	Bung	1
31	D463A	D463A	Ignition Switch	1
32	2940	N/A	Kill Switch Wiring Loom	1
33	9115	9115	Throttle Cable	1
34	10.223	10.223	Electric Start Wiring Loom	1
34	10.219	N/A	Kill Switch Wiring Loom	1
35	9958	9958	Drawbar Coupling	1
36	641201	641201	Motor Mt Cover	1
37	691207	691207	Front Guards	1
	160016	160016	1 Groove Clutch (optional)	1

ATV "QUAD ESTATE" MOWERS



QEST Quad Estate Parts:

Spindles, pulleys: Refer to ESTATE Mower Parts Listing on page 43

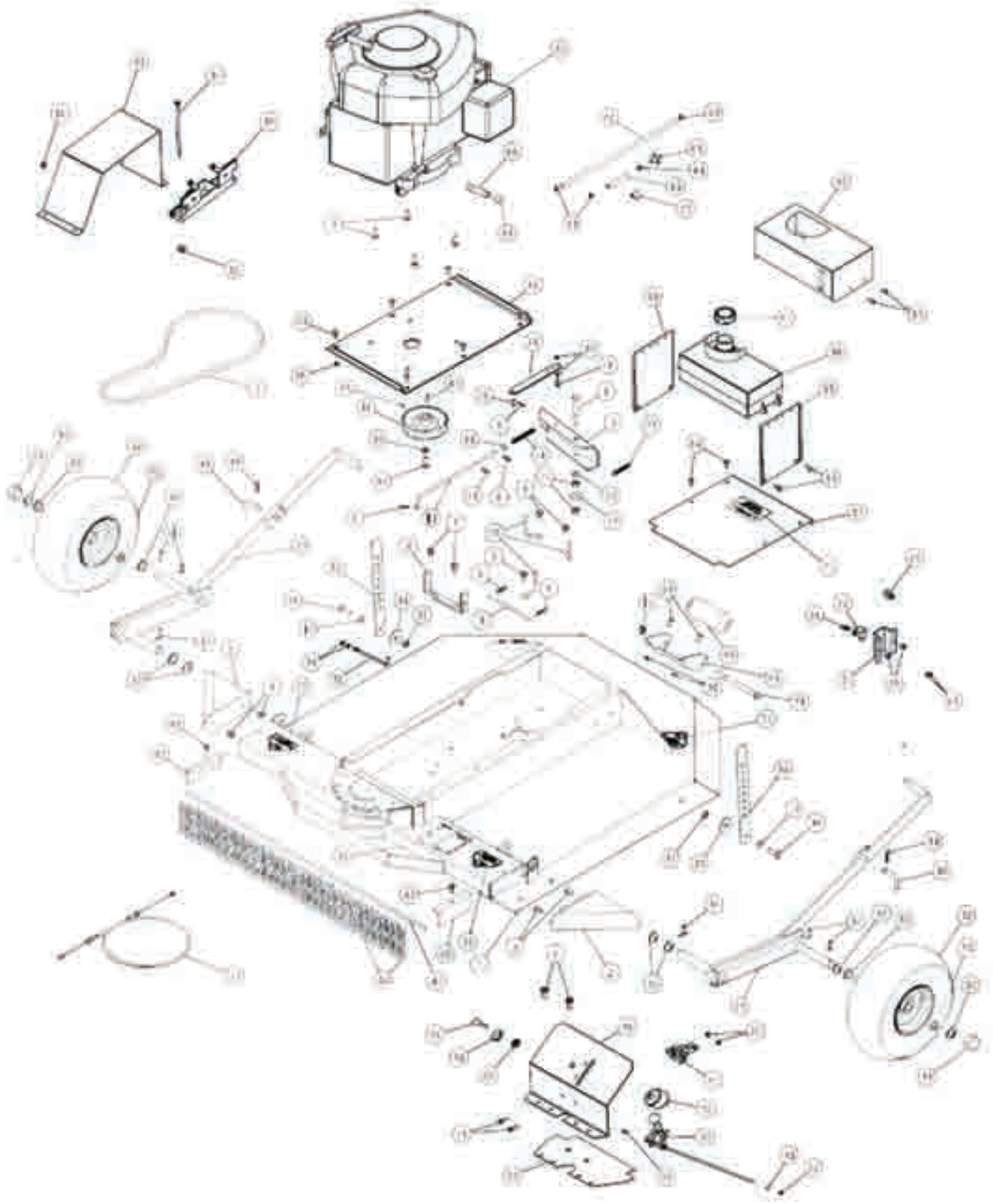
Drawbar + electrical: Refer to Quad-topper L & XL page 44

Parts "Specific" to Quad Estate are listed below:

PART NO	DESCRIPTION	QTY
30.041 RH	Cutterbar Blade (48") 1.2m - RH	3
30.040 RH	Cutterbar Blade (60") 1.5m - RH	3
30.042 RH	Cutterbar Blade (72") 1.8m - RH	3
06-056	Blade Bolt (LH thread)	3
10.221	Petrol Engine 13 hp	1
10.225	Petrol Engine 18 hp	1
9454	Tyre, Wheel & Rim	2
995601	Draw Bar	1
9958	Tow Coupling	1
D463A	Key Ignition Switch	1
9115	Throttle Cable	1
2722	Vee Belt (48") 1.2m	2
641205	Vee Belt (60") 1.5m	2
3024	Vee Belt (72") 1.8m	2
180009	Engine Pulleys (2V) with clutch	1
01.252	Spindle Assembly Complete*	3

*see previous page for parts breakdown

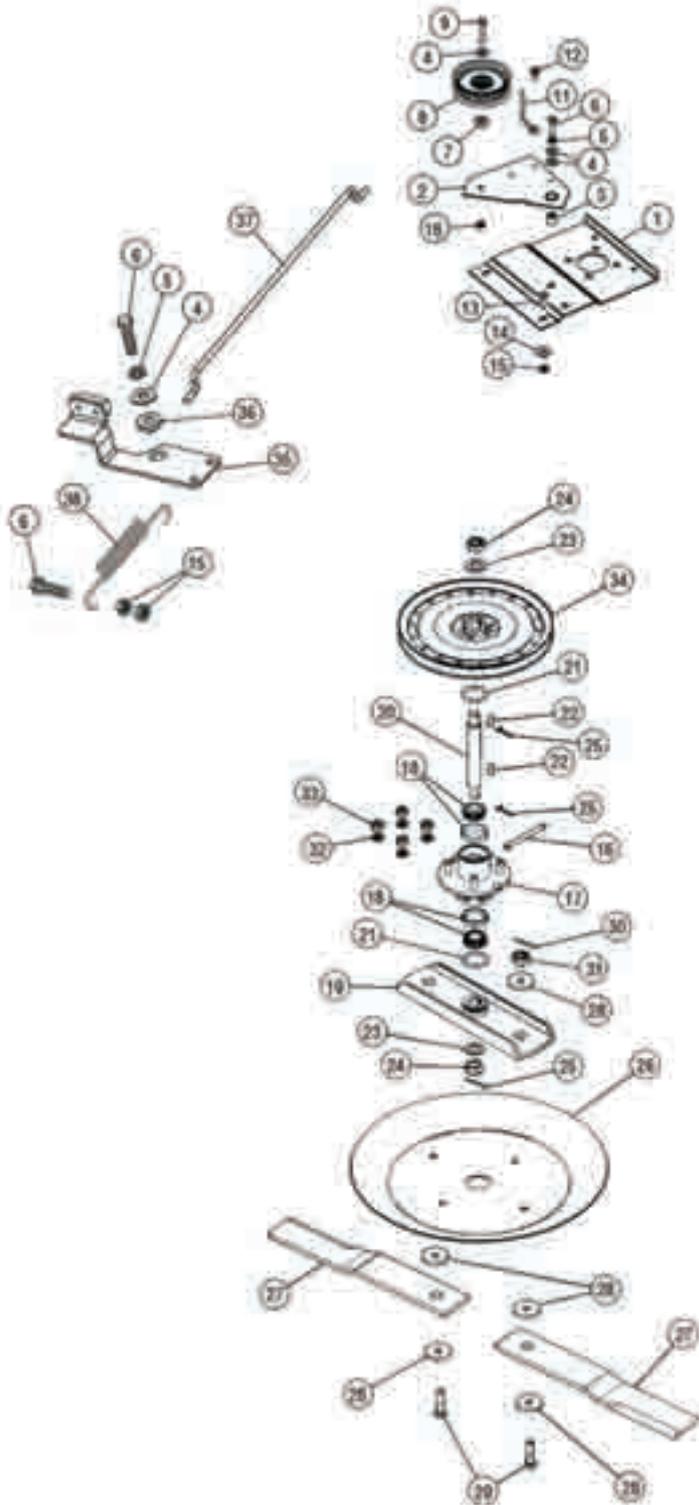
ROUGH CUT ATV TOWED SLASHER



ITEM NO	PART NO	DESCRIPTION	ITEM NO	PART NO	DESCRIPTION
1	HA24255	Mower Deck	47	HA3073	Key 1/4" SQ. x 1"
2	HA24378	Guard Wheel	48	HA115321	Screw 5/16-18 x 5/16 Soc. Set
3	HA23193	Screw 3/8-16 x 1-1/4 THD, Forming	50	43555	Washer 7/16" Lock
4	HA24292	Bracket Belt Guide	51	HA181668	Bolt 7/16-20 x 1-1/4 Hex Head
5	HA24293	Rod Belt Guide	52	25051	Cover, Gas Tank
6	HA3090	Pin Hair Cotter	53	25285	Cover, Front Drive
7	HA24294	V-Belt (B Sec. 60" O.S.)	55	43182	Bolt 5/16-18 x 3/4 Hex Head
8	HA24295	Channel Clutch Lever	56	43064	Nut 5/16-18 Hex Lock
9	45100	Bolt 1/2-13 x 4" Hex Head	57	25264	Cover, Rear Drive
10	HA120396	Washer 1/2 Flat	58	HA23732	Tank Gasoline
11	43262	Nut 1/2-13 Hex Lock	59	HA24317	Plate Fuel Tank
12	HA14232	Washer Flat	60	HA163318	Screw 1/4-14 x 7/8 Tapping Pan Head
13	HA24296	Rod Clutch Link	61	HA23733	Cap Gasoline Tank
14	44101	Pin, Cotter 3/32" x 3/4"	62	48837	Hose Fuel Tank Long
15	43081	Washer Flat 5/16" Std, WRT	63	HA24455	Hose Fuel Tank Short
16	GHA24297	Spring Clutch	64	HA23792	Clamp Fuel Line
17	49165	Clutch Cable Assy	65	HA23791	Filter Fuel Line
18	25291	Strap, Clutch Adjusting	66	48095	Pipe
19	43661	Bolt, 1/4-20 x 1" Hex Head	67	48096	Cap Gasoline Tank
20	43016	Nut 1/4-20 Hex Lock	68	HA24310	Bracket Roller
21	25262	Bracket Interlock Mounting	69	HA12138	Roller Mower
22	HA23199	Switch Interlock	70	HA12315	Decal Danger (Hand)
24	712-0121	Nut #10-24 Hex	71	HA12314	Decal Danger (Hand)
25	47078	Screw #10-24 x 3/4"	72	HA24431	Decal Operation / Caution
26	48840	Screw 1/4-20 Washer Head	74	HA126145	Bolt 1/2-13 x 7" Hex Head
27	48298	Clip, Cord	75	43982	Pin, Clevis 1/4 x 5/8"
28	HA24300	Wheel Mounting Bracket LH	76	HA22981	Belt Guide
29	HA24301	Wheel Mounting Bracket RH	77	HA24298	Spring Return
30	HA4143	Washer Flat	78	49156	Rod, Cable Guide
31	HA137258	Pin Cotter 3/16" x 1-3/4"	79	43013	Nut 1/4-20 Hex
32	HA24308	Tire	80	44488	Wheel Bearing
33	HA23229	Cap Hub	81	HA23754	Solenoid
34	HA24309	Strap Adjusting	82	HA23749	Starter Switch
35	HA6979	Washer Flat	83	HA23750	Switch Mounting Nut
36	43020	Bolt 1/2-13 x 1-1/2 Hex Head	84	HA23757	Switch Cover
37	43019	Nut 1/2-13 Hex Jam	85	HA23752	Key 1/4" SQ. x 1"
38	HA23220	Pin Locating	86	25286	Plate, Switch Mounting
39	47134	Pin Hair Cotter .08" x 1.58"	87	49201	Throttle
40	HA24311	Chain Deflector	88	45040	Screw #10-24 x 1/2
41	HA24312	Rod Chain	89	736-0722	Lock Washer, #10
42	HA24313	Bracket Channel	90	49198	Battery Hold Down
43	HA9131	Screw Self Threading	91	49199	Bolt, Battery
44	25263	Plate Engine Mounting	92	49200	Nut, Plastic
45	280H070130E1*	Engine, 14.5 HP	93	25287	Battery Cover
46	HA24457	Pulley	94	48840	Screw, 1/4-20 x 1/2 Hex Head

* Order engine repair parts from your nearest Briggs & Stratton dealer

ROUGH CUT ATV TOWED SLASHER FLAIL / PULLEY / SPINDLE



ITEM NO	PART NO	DESCRIPTION
1	64906	Idler Mounting Bracket
2	43070	Washer Flat
3	64899	Idler Arm
4	24472	Bushing
5	43003	Washer 3/8" Lock
6	43062	Bolt 3/8-16 x 1-1/2" Hex Head
7	49148	Spacer
8	HA21341	Idler Pulley (Flat)
9	43054	Bolt 3/8-16 x 2" Hex Head
10	43082	Nut 3/8-16 Hex Lock
11	HA22981	Guide Belt
12	HA22224	Screw 3/8-16 x 3/7 Self Tapping
13	43087	Bolt 3/8-16 x 1-1/4" Hex Head
14	HA15200	Washer Flat
15	HA21362	Nut 3/8-16 Nylock
16	HA24367	Grease Fitting
17	HA24278	Hub (With Studs)
18	HA24280	Bearing
19	64913	Hub Blade
20	49148	Shaft Spindle
21	HA24282	Seal O-Ring
22	HA3073	Key 1/4" SQ x 1"
23	HA456151	Washer 13/16 x 1-1/2 x .134 Flat
24	HA427639	Nut 3/4-16 Slotted Hex
25	43010	Pin 1/8" x 1" Cotter
26	HA24624	Disc Blade Mounting
27	HA24288	Blade
28	HA24625	Washer - Flat
29	HA24592	Bolt - 7/8-9 x 2-1/4 Hex Bolt
30	HA137258	Pin 3/16 x 1-3/4 Cotter
31	HA24593	Nut 7/8-9 Slotted Hex
32	43353	Washer 1/2 Med. Lock
33	HA120371	Nut 1/2-20 Hex
34	HA24290	Pulley Spindle
35	64902	Brake
36	49155	Trunnion
37	49160	Brake Rod
38	HA20186	Spring

**FOR FURTHER DRAWBAR COMPONENT DETAILS, PLEASE REFER TO
WWW.AGRI-FAB.COM WEBSITE.**

FOR ENGINE WARRANTY ISSUES Please phone your local Tecumseh engine dealer. Phone Fieldmaster for contact details.

WARRANTY

The manufacturer's obligation under this warranty is limited to correcting without charge at its factory or by one of its authorised Dealers, with the manufacturer's approval, any parts thereof, within 12 months from date of purchase by the original user, and which upon examination shall disclose to the manufacturer's satisfaction to have been originally defective.

Correction of such defect by repair to, or supplying of replacements of defective parts, shall constitute fulfillment of all obligations to the original user: Manufacturer shall not be liable for loss, damage, or expense directly or indirectly from the use of its product or from any other cause. Defective parts must be returned freight paid each way by the purchaser to the manufacturer.

This warranty shall not apply to any parts which must be replaced because of normal wear, or which have been subject to misuse, negligence or accident or which have been repaired or altered outside of the manufacturer's factory, unless authorised by the manufacture. This warranty should not be construed as a free service period during the warranty period.

No person, agent, or dealer is authorised to give any warranties on behalf of the manufacturer nor to assume for the manufacturer any other liability in connection with any of its product unless made in writing from the manufacturer.

FIELDMASTER[®]

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