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OWNER'S MANUAL

STARTING SERIAL #:
L116-336001

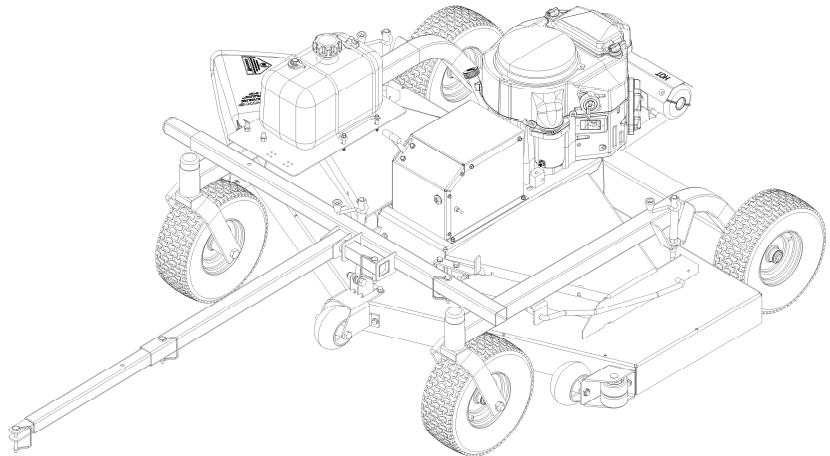
MODEL NO.

**FC14560CPKA
FC14560CPKA-CA**



IMPORTANT

Read and follow all
Safety Precautions
and Instructions
before operating this
equipment.



SWISHER[®]

COMMERCIAL PRO 60" FAST FINISH TRAIL MOWER

**Assembly
Operation
Service and Adjustment
Repair Parts**

SWISHER ACQUISITION INC.
1602 CORPORATE DRIVE., WARRENSBURG MO 64093
PHONE 800-222-8183 FAX 660-747-8650 EMAIL CustomerCare@SwisherInc.com

Made In The
USA
of US and Global Parts

LIMITED WARRANTY

The manufacturer's warranty to the original consumer purchaser is: This product is free from defects in materials and workmanship for the period's shown below beginning from the date of purchase by the original consumer purchaser. We will repair or replace, at our discretion, parts found to be defective due to materials or workmanship. This warranty is subject to the following limitations and exclusions:

As required by CFR § 1060.120, the fuel system related components, which have been certified to this equipment by SAI are to be free of defects in material and workmanship for a period of two (2) years from the date of purchase by the original consumer purchaser.

- | | |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) Engine Warranty | All engines utilized on our products have a separate warranty extended to them by the individual engine manufacturer. Any engine service warranty is the responsibility of the engine manufacturer and in no way is Swisher or its agents responsible for the engine warranty. The Kawasaki Engine Service Hotline is 1-877-364-6404 or email kawpower-website@kmc-usa.com |
| 2) Commercial Use | This product has a 1yr Limited Commercial - 2 Year Limited Consumer on All Non-Engine Parts from the date of purchase. |
| 3) Limitations | This warranty applies only to products, which have been properly assembled, adjusted, and operated in accordance with the instructions contained within this manual. This warranty does not apply to any product of Swisher that has been subject to alteration, misuse, abuse, improper assembly or installation, shipping damage, or to normal wear of the product. |
| 4) Exclusions | Excluded from this warranty are normal wear, normal adjustments, and normal maintenance. |

In the event you have a claim under this warranty, you must return the product to an authorized service dealer. All transportation charges, damage, or loss incurred during transportation of parts submitted for replacement or repair under this warranty shall be borne by the purchaser. Should you have any questions concerning this warranty, please contact us toll-free at 1-800-222-8183. The model number, serial number, date of purchase, and the name of the authorized Swisher dealer from whom you purchased the mower will be needed before any warranty claim can be processed.

THIS WARRANTY DOES NOT APPLY TO ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES AND ANY IMPLIED WARRANTIES ARE LIMITED TO THE SAME TIME PERIODS STATED HEREIN FOR ALL EXPRESSED WARRANTIES. Some states do not allow the limitation of consequential damages or limitations on how long an implied warranty may last, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may have other rights, which vary from state-to-state. This is a limited warranty as defined by the Magnuson-Moss Act of 1975.

SAFETY PRECAUTIONS



This Safety Alert Symbol indicates important messages in this manual. When you see this symbol, carefully read the message that follows and be alert to the possibility of personal injury.

Read this manual completely. This machine can amputate hands, feet, and throw objects. Failure to observe the following safety instructions could result in serious injury or death.

- Read the manual. Learn to operate this machine safely.
- Always disconnect the spark plug wire and place the wire where it cannot contact the spark plug, to prevent accidental starting the engine when setting up, transporting, adjusting or making repairs.
- Keep all shields and guards in place.
- Understand the speed, steering and stability of this machine. Know the positions and operations of all controls before you operate this machine. Check all of the controls in a safe area before starting to work with this machine.
- Allow only responsible adults who are familiar with these instructions to operate this machine. Never allow children to operate this machine.
- Clear the area of objects such as rocks, toys, wire, etc. that can be picked up and thrown by the blade.
- Be sure the area is clear of other people before mowing. Be aware of the mower discharge direction and do not point at anyone. Stop the machine if anyone enters the mowing area. Children are often attracted to the machine and the mowing activity. ***Never assume that children will remain where you last saw them.*** Keep children under the watchful care of another responsible adult.
- **No riders!**
- Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
- Do not mow in reverse. Always look down and behind before and while backing.
- Turn off the blades when not mowing. Before leaving the machine, turn off the blades and stop the engine.
- Watch for traffic when operating near or crossing roadways.
- Do not operate the mower if it has been dropped or damaged in any manner or if the mower vibrates excessively. Excessive vibration is an indication of damage. Repair mower as necessary.
- Dress properly. Do not operate the mower when barefoot or wearing open sandals. Wear only solid shoes with good traction when mowing.
- Do not operate the machine while under the influence of alcohol or drugs.
- Do not operate on slopes greater than 15 degrees.
- Never tamper with safety devices. Check their proper operation regularly.
- Stop and inspect the equipment if you strike an object. Repair, if necessary, before restarting.
- Never make adjustments or repairs with the engine running.



SAFETY DECALS

Replace decals immediately if damaged. Order by part number from Swisher.



OD45- Warning Decal



OD11- No step Decal



OD55- Triangle Danger Decal



OD43- Flying Debris Decal



OD33- Speed Decal



OD29- Danger Decal

REQUIRED ASSEMBLY

FRONT WHEEL CASTER ASSEMBLY

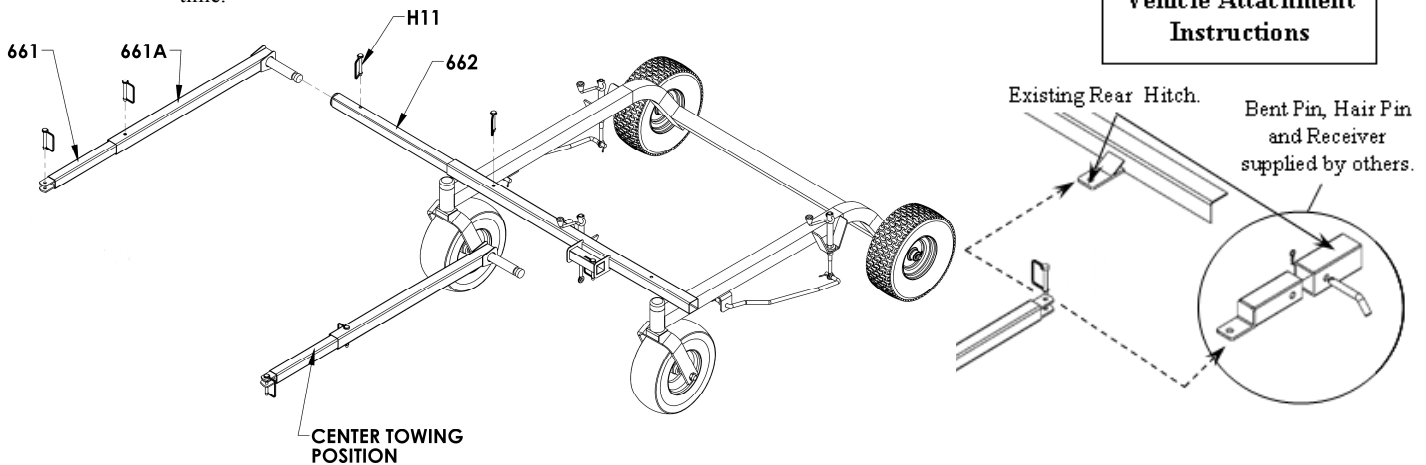
1. Remove single nut and washers from caster shaft.
2. Place one washer (NB195) on the shaft of the caster/wheel subassembly.
3. Slide same shaft through the bearing/frame with wheel towards the ground.
4. Place the other washer (NB195) on the shaft; it should be resting on the top bearing.
5. Add thin washer (17x195).
6. Thread nyloc jam nut onto shaft.
7. Tighten nut snugly, making sure shaft threads enter the nyloc of the nut. **Over-tightening of this nut will bind caster.**
8. Repeat process for other front side.
9. Push on plastic dust covers over nut and thin washer until it snaps into place.

REAR WHEEL ASSEMBLY

1. Remove cotter pin from axle and remove thin washer (NB149) from axle. Leave two NB178 washers on axle.
2. If necessary (to take up space) slide extra washer (NB178) over axle, then wheel (with valve stem out).
3. Slide on washer (NB149) and replace cotter pin in end of axle.
4. Bend cotter pin so it will not fall out.
5. Repeat process for other wheel.

OFFSET & CENTER TOW HITCH BAR ASSEMBLY

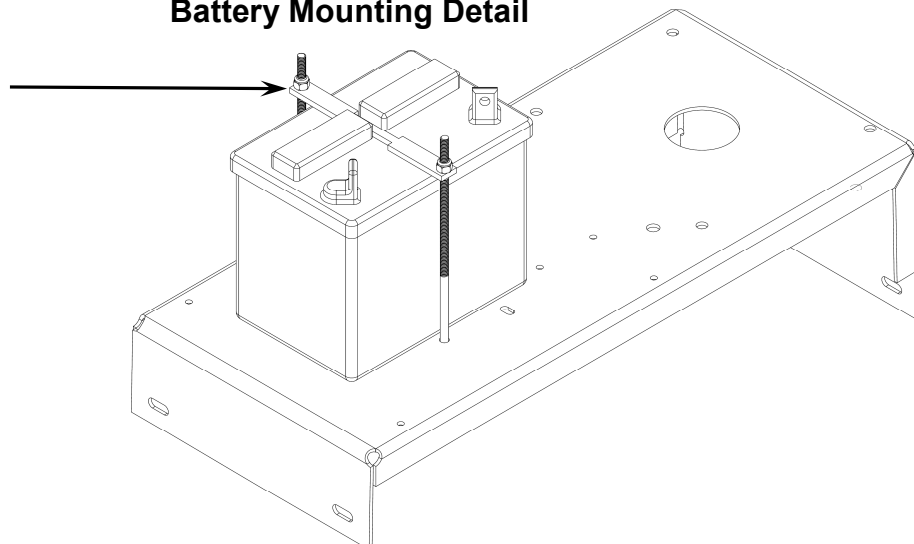
1. Lay out parts according to the diagram.
2. Insert part 661A into part 662 and pin with the hitch pin (H11).
3. Insert part 661 into part 661A. Choose from the 3 holes to set the desired hitch length. Pin with a hitch pin (H11).
4. Part 662 slides into the front tube of the frame. Again, choose from the 3 holes to arrange desired offset. Pin with a hitch pin (H11).
5. Eliminate step 2 for hitching from the center bracket. Only one method can be used at a time.



A U1 battery is required (not included). Position battery hold down bracket as shown. Tighten nuts so battery will not shift position.

*Battery cover not shown

Battery Mounting Detail



OPERATING YOUR TRAIL MOWER



The operation of any mower can produce foreign objects to be thrown into the eyes, resulting in severe eye damage. Always wear certified safety glasses or wide-vision safety goggles over spectacles before starting any cutting machine and while operating such a machine.



The operation of any cutter produces sound waves that are damaging to the human ear. Ear protection is recommended.



CAUTION!

Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the machine and the mowing activity. ***Never assume that children will remain where you last saw them.***

INTENDED USE

This Trail Mower is designed to produce a quality finish cut on lawns, golf courses, etc. It is **not** designed to clear brush or cut saplings. Your Trail Mower should be towed behind an ATV, a golf cart, lawn tractor, or similar approved vehicle. It is not meant for speeds exceeding 5 mph.

ATTACHING TRAIL MOWER TO TOW VEHICLE

- Place mower behind vehicle and back vehicle up to desired attaching position.
- When offsetting Trail Mower do so to side opposite the discharge of the tow vehicle.
- Attach tow hitch (661) to the swivel hitch with hitch pin (H11). Make certain hitch pin goes completely through each piece and is clipped to prevent accidental separation.
- Attach red safety tether (H9C) to both the towing vehicle and to the Trail Mower toggle switch (685SP), located on the left battery side cover (17614). Its purpose is to manually stop mower engine or to stop mower engine in case the two machines become separated. (See Motor Base Detail page 14).
- **It is extremely important the safety tether is secured properly to both the toggle switch and the towing vehicle.**

STARTING THE ENGINE

See engine manufacturer's instructions for the type and amount of oil and fuel used. Trail Mowers with electric start engines will need a battery (sold separately). Swisher recommends using a standard "U 1 R" lawn & garden battery.

IMPORTANT: This engine is not equipped with a spark arrester muffler. It is a violation of California Public Resource Code Section 4442 to use or operate the engine on any forest-covered, brush-covered, or grass-covered land. Other states or federal areas may have similar laws.

- Engine must be level to accurately check and fill oil. Do not overfill.
- Make sure the tow vehicle parking brake is set, mower is level, and blades are disengaged.
- Check spark plug wire, oil, and fuel.
- Check all electrical connections (See Schematics).
- Make sure toggle switch is turned “ON” and the red tether is properly attached.
- Set engine idle to “CHOKE” position.
- With feet clear of mower deck, turn key switch to the “START” position and release when engine begins to run.
- Set engine idle at desired RPM.

BREAKING IN YOUR MOWER

- Set vehicle parking brake or chock wheels to prevent accidental rolling.
- Start engine properly.
- Slowly, engage blade control.
- In a safe environment, i.e. no children, allow blades to rotate and engine to idle for 5 minutes. This breaks in the belts and the engine.
- Stop mower properly.



CAUTION!

SHUT OFF MOWER ENGINE AND REMOVE SPARK PLUG WIRE FROM SPARK PLUG BEFORE MAKING ANY ADJUSTMENTS TO THE MOWER.

MOWER HEIGHT ADJUSTMENT

- Adjust while mower is **not** running.
- The cutting range is approximately 1” to 5.5”. The height should be measured from the ground to the blade tip without the engine running.
- Rotate height adjust crank handles (H7N) in a clockwise direction to lift the mower deck. A counter-clockwise direction is used to lower the mower deck.
- Make sure the height adjustment is the same at side crank handles. For best results, see “SUGGESTED PRACTICE” section. Graduated scales are for reference only, not the actual cutter height.
- Place crank handle in a retracted position to maintain height adjustment.

STARTING TO MOW

- Adjust the cutting height.
- Double check vehicle to mower attachment.
- Start mower engine properly.
- Slowly, activate the blade engage lever (18976) by rotating it forward and left until the lever locks into place.
- Carefully mount tow vehicle and start mowing slowly.

STOPPING THE MOWING SESSION

- Pull safety tether to shut toggle switch “OFF”. If the engine fails to stop or if the safety tether has become inoperable, then use Alternative Stopping Method.

ALTERNATIVE STOPPING METHOD

- Bring vehicle to complete stop, shut off engine, and set parking brake.
- Disengage blade engage lever (18976).
- Manually shut toggle and key switches to their “OFF” positions.
- Always remember to remove keys to avoid irresponsible usage.

TRANSPORTING MOWER

- Stop mower properly.
- Place mower deck in its highest position.
- If transporting without the use of a tow vehicle, then remove spark plug wire and place where it cannot contact the spark plug.

SUGGESTED MOWING PRACTICES

- Operate mower engine at full throttle to assure the best cutting performance and maximum material discharge.
- Allow wet grass to dry. Clumps of wet grass will collect under the mowing deck.
- Mowing should be started with tow vehicle in low gear and increased only as safe mowing conditions permit. This speed should not exceed 5 mph.
- The average lawn should be cut to approximately 2.5” during the cool season and to over 3” during the hot months.
- For a healthier lawn and better aesthetics, your lawn should be mowed often and after moderate growth.
- When cutting high or dense grass areas go slowly. Some areas may need to be mowed twice. The second cut should be at 90 degrees to the first, if possible.
- **Mowing thick or high grass.** Raise rear height crank handles to .5”-.75” above the other two handles.
- **Creating a manicured lawn.** Lower rear height crank handle to .25”-.5” below front of deck. This allows grass blades to be cut twice. It also continually cuts clippings to produce a mulching effect.

GENERAL TROUBLE SHOOTING

- The mower is not cutting level.
 - Level deck, making sure the side crank-handles are equal.
 - Check air pressure of all tires; make sure they are equal, and to manufactures specifications.
 - Examine blades for damage, while mower engine is not running.
- The engine will not start.
 - Disengage blades, turn toggle switch to “ON” position, check battery and all other electrical connections, and inspect spark plug and wire.
 - Check for fuel in the engine.
- Engine runs poorly.
 - See engine manual.
 - Check throttle adjuster.
 - Replace fuel, clean fuel filter and fuel line.



IF PROBLEMS PERSIST HAVE A QUALIFIED MECHANIC SERVICE THE MOWER. NEVER ATTEMPT TO MAKE AN ADJUSTMENT THAT YOU ARE NOT SURE IS CORRECT. DOING SO CAN CAUSE OTHER PROBLEMS.

MOWER MAINTENANCE

GENERAL RECOMMENDATIONS

The warranty on this Trail Mower does not cover items that have been subjected to operator abuse or negligence. To receive full value from the warranty, operator must maintain unit as instructed in this manual.

Some adjustments will need to be made periodically to maintain your unit properly.

All adjustments in this manual should be checked at least once each season.

Periodically inspect and clean excessive debris inside the battery cover (17340) and belt covers (18391). Disconnect spark plug wire before cleaning.

BEFORE EACH USE

- Check engine oil level on a level surface. Check twice to insure an accurate reading.
- Check condition of air filter; clean and replace as necessary.
- Check blade operation; keep blades in good condition.
- Check for loose fasteners and tighten them as needed.

AFTER EACH USE

- Keep blades sharp.
- Remove fresh grass clippings with garden hose.
- Grass clippings hardened to the underside should be scraped out with a putty knife.
- Keep fluids at proper levels.
- Cover unit to prevent rain or other debris buildup. Definitely cover the engine.

BEFORE AND/OR AFTER EACH SEASON

- Replace the spark plug.
- Clean or replace the air filter.
- A new spark plug and clean air filter assure proper air-fuel mixture and help your engine run better and last longer.
- Check blades and belts for wear. Replace as necessary.

STORAGE RECOMMENDATIONS

⚠ CAUTION! Do not store engine indoors or other poorly ventilated area. Keep engine away from gas appliances where fumes could contact open flame, pilot lights, or sparks.

⚠ If engine is to be stored for 30 or more days, prepare unit as follows:

- Drain fuel outside into an approved container.
- Start engine properly and run until unit is out of fuel.
- Let engine cool.
- Remove remaining gasoline from carburetor and fuel tank to prevent gum deposits from forming within the engine. Gum deposits can cause malfunction in the engine.
- Store mower with blades disengaged to prevent belts from being permanently stretched.

BLADE CARE AND SERVICE

For best results cutter blades must be kept sharp. The blades can be sharpened with a few strokes of a file or grinding wheel. Do not attempt to sharpen blades while they are on the mower. ***Disconnect spark plug wire before servicing unit.***

Important: Replace blades that have been damaged or deeply nicked.

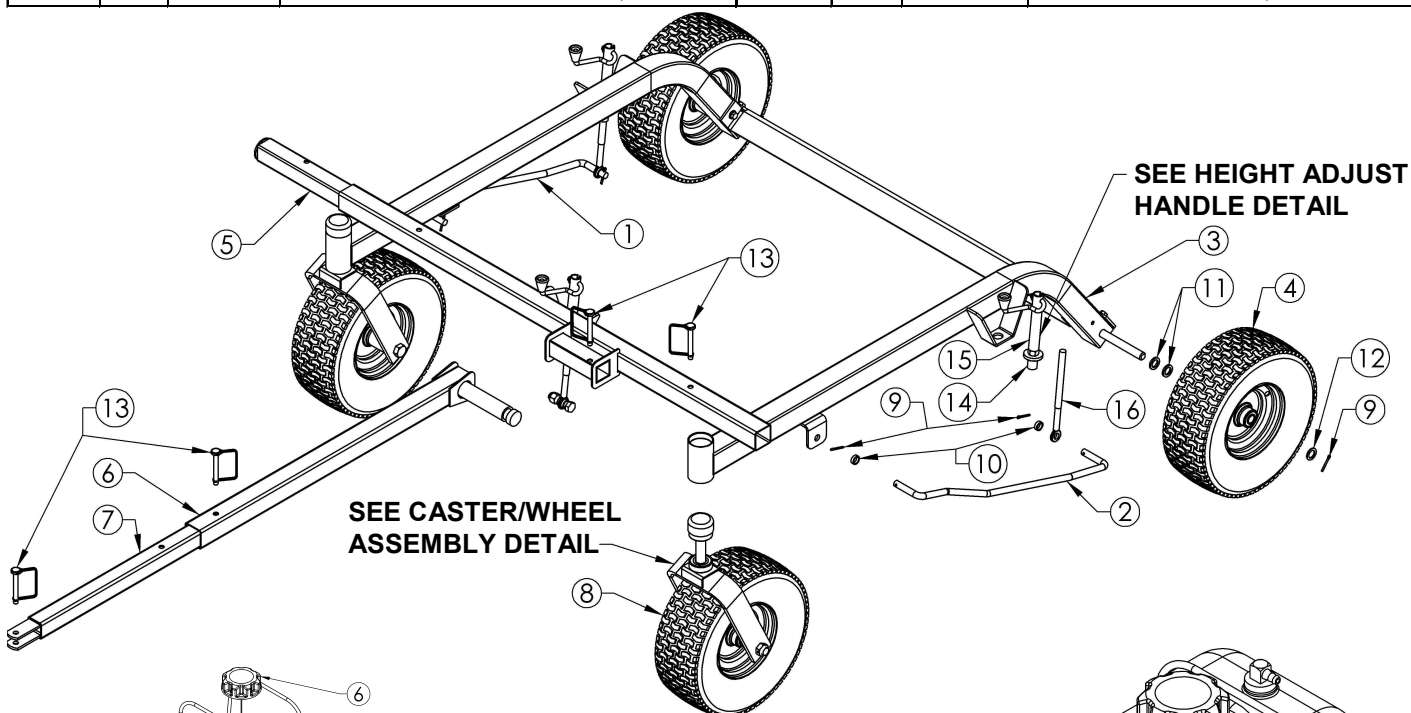
Important: Check blade and spindle hardware on a regular basis to make sure nuts are tight.



Only a qualified mechanic should be used for any adjustments, disassembly or other kind of repairs.

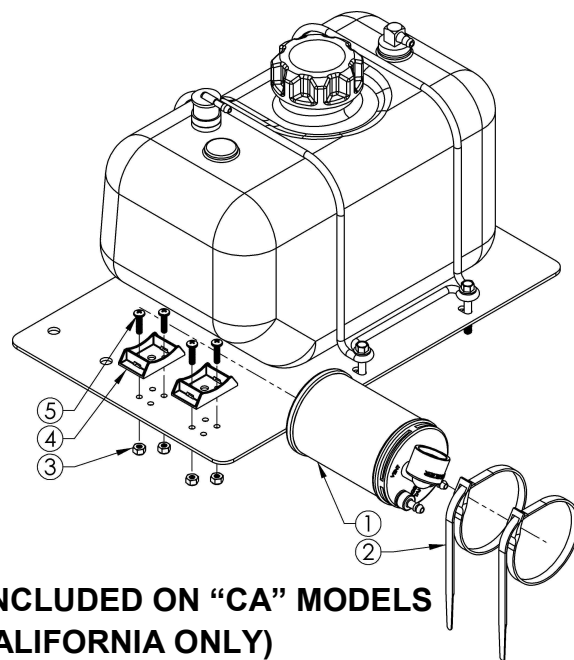
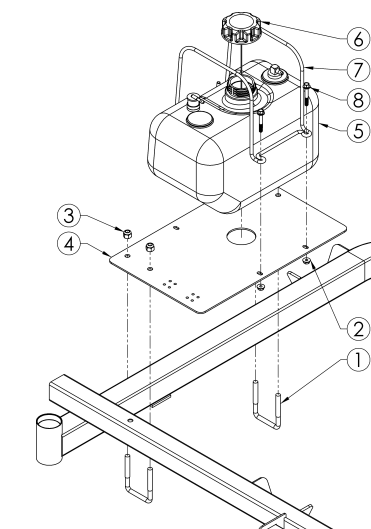
FRAME ASSEMBLY

ITEM #	QTY.	PART NO.	DESCRIPTION	ITEM #	QTY.	PART NO.	DESCRIPTION
1	1	3664	Bar - Right Sway	9	6	NB126	Pin - 1/8" X 1" Cotter
2	1	3665	Bar - Left Sway	10	4	T2PB	Bushing - Plastic
3	1	17600*	Weldment - T60 Frame	11	4	NB178	Washer - 5/8 ID X 1 OD 10 GA
4	2	F4157WK	Wheel/Tire 5/8" Bearing 13/5/6 NHS; Blk	12	2	NB149	Washer - 5/8 ID X 1 OD 14 GA
5	1	662*	Weldment - Tongue Offset Extension	13	4	H11	Pin - Safety Hitch
6	1	661A*	Weldment - Solid Stock Hitch	14	3	10579	Bushing -Stepped Height Adjust
7	1	661*	Weldment - Tongue Hitch Extension	15	3	H7N	Assembly - Height Adjustment
8	2	--	See Caster/Wheel Assembly Detail	16	3	10038	Bolt - Eye



GAS TANK ASSEMBLY DETAIL

Parts Not Shown	
Part #	Description
11782	Line - Fuel, Bulk, 1/4" Low Perm
18232	Line - Fuel, Bulk, 3/16" Low Perm
18223	Clamp - Fuel Line 13/32 OD, 3/16 ID Tube
AS021	Tie, Black 5 1/2"



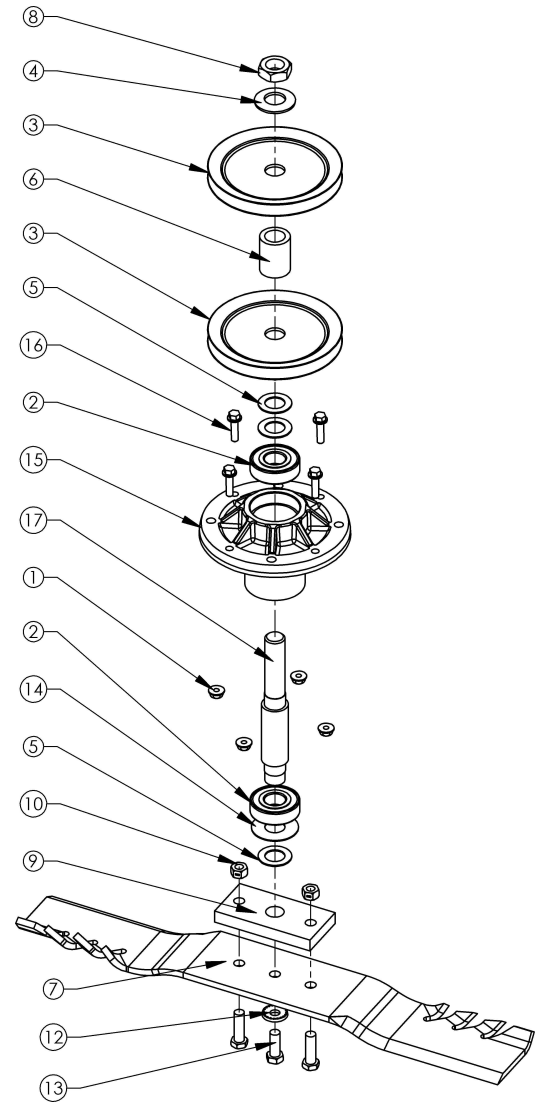
Item #	Qty	Description	Part #
1	2	Ubolt - SQ , 3/8-16X2.437 X 3 Lg GR 5 ZY	12447
2	2	Nut - Nylock 1/4-20	NB180
3	4	Nut - Nyloc 3/8-16 ZY	NB182
4	1	Mount - For EPA/CARB Gas Tank	18331*
5	1	Fuel Tank - 2.5 Gallon, Carb	18214
6	1	Cap, Fuel - 2.50 Gallon, Carb Sealed	18221
7	1	Bracket - Fuel Tank	18225
8	2	Bolt - Serr Flange 1/4-20 X 1 3/4 GR5 ZY	18236

ONLY INCLUDED ON "CA" MODELS (FOR CALIFORNIA ONLY)

Item #	Qty	Description	Part #
1	1	Carbon Canister - 2.50 Gallon, 3/16 Line	18224
2	2	Cable Tie - Carbon Canister	18219
3	4	Nut - 10-24 Nylon Lock	024900
4	2	Bracket - Carbon Canister, ZT	17127
5	4	Screw - 10-24 X 3/4 Phil Truss Head ZP	024203

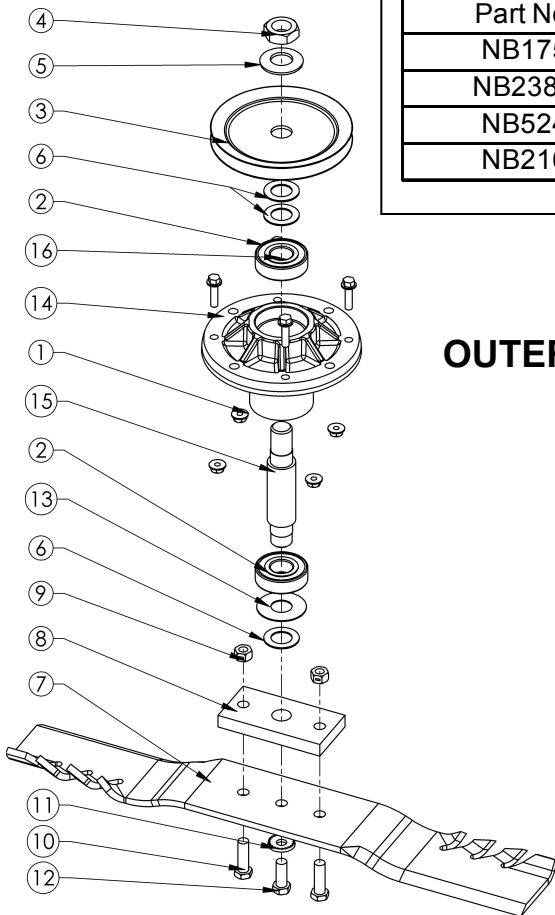
CENTER BLADE DRIVER DETAIL

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	4	NB524	1/4-20 Flange Nut
2	2	B98	6204-2RS BEARING WITH 20mm BORE
3	2	20651	PULLEY, 5.00" X 3/4" - A
4	1	AS155	BELLVILLE WASHER 1.5 X .761 X .098
5	3	NB179	3/4 ID X 1 1/4 OD 18 GA Washer
6	1	6065PM	SPACER 3/4 ID X 1-1/2 POWDER METAL
7	1	20186	BLADE - MULCHING 20.5", G6
4	1	NB175	UPPER BLADE NUT
9	1	9008	BLADE MOUNT PLATE
10	2	NB216	Nut - Lock, Two Way 3/8-24 ZY Gr A
11	2	NB166	BOLT - 3/8-24 X 2 HCC GR5 ZP
12	1	NB607	Washer - SP Bellville .413 X.945 X.118
13	1	NB238N	BOLT - HHC 3/8-24 X 1 GR5 LOCKTITE
14	1	B98W	3/4 ID X 1 3/4 OD FLAT WASHER
15	1	19924	HOUSING - CAST IRON BLADE DRIVER, 3.475"
16	4	13182	1/4-20 X 1/2 Serrated Flange
17	1	20656	BLADE DRIVER SHAFT, 6.563



Recommended Torque Specifications

Part No.	Torque (ft-lbs)
NB175	90
NB238N	35
NB524	20
NB216	35



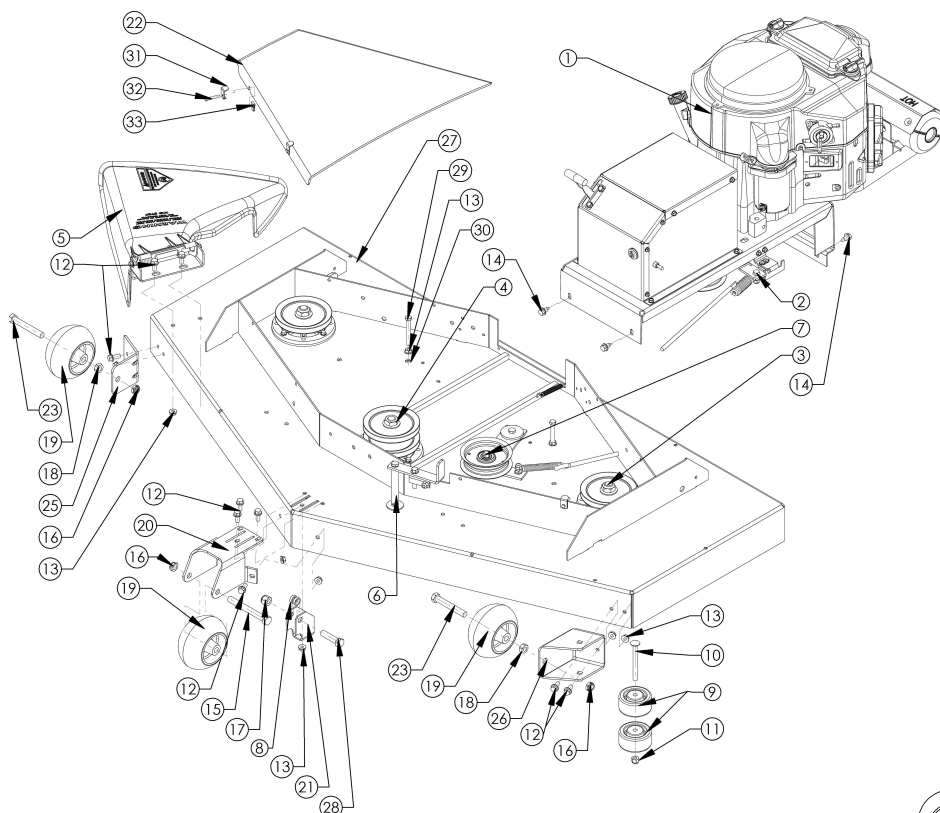
OUTER BLADE DRIVER DETAIL

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	4	NB524	1/4-20 Flange Nut
2	2	B98	6204-2RS BEARING WITH 20mm BORE
3	1	20651	PULLEY, 5.00" X 3/4" - A
4	1	NB175	UPPER BLADE NUT
5	1	AS155	BELLVILLE WASHER 1.5 X .761 X .098
6	3	NB179	3/4 ID X 1 1/4 OD 18 GA Washer
7	1	20186	BLADE - MULCHING 20.5", G6
8	1	9008	BLADE MOUNT PLATE
9	2	NB216	Nut - Lock, Two Way 3/8-24 ZY Gr A
10	2	NB166	BOLT - 3/8-24 X 2 HCC GR5 ZP
11	1	NB607	Washer - SP Bellville .413 X.945 X.118
12	1	NB238N	BOLT - HHC 3/8-24 X 1 GR5 LOCKTITE
13	1	B98W	3/4 ID X 1 3/4 OD FLAT WASHER
14	1	19924	HOUSING - CAST IRON BLADE DRIVER, 3.475"
15	1	9077	SHAFT - BLADE 5", LONG SHOULDER
16	4	13182	1/4-20 X 1/2 Serrated Flange

When ordering replacement parts

*USE PAINT CODE: GT=GRAY TK=BLACK

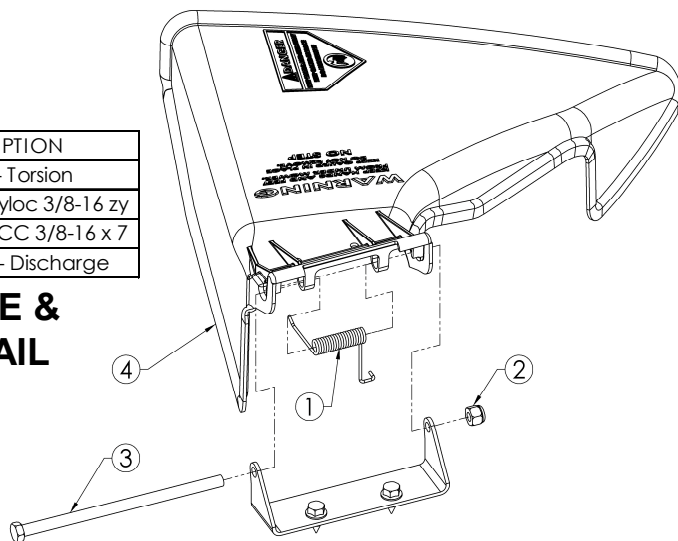
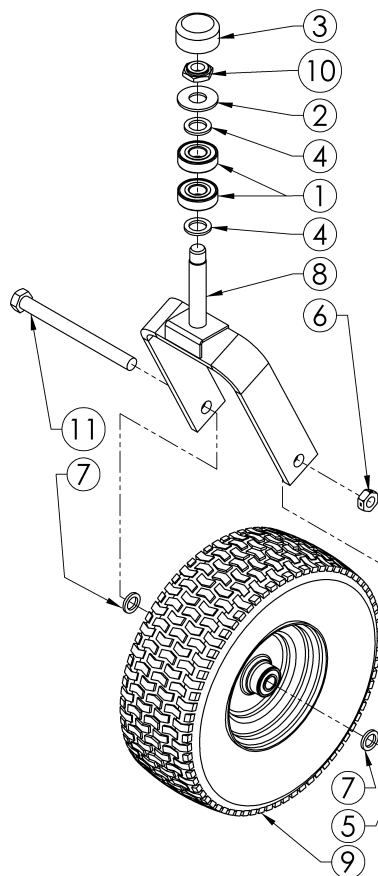
MOWER DECK DETAIL



ITEM #	QTY	PART NO	DESCRIPTION
1	1	--	See Motor Base Detail
2	1	--	See Safety Switch Bracket Detail
3	2	--	See Outer Blade Driver Detail
4	1	--	See Center Blade Driver Detail
5	1	--	See Grass Chute & Spring Detail
6	1	--	See Engage Lever Detail
7	1	20946	See Idler Detail
8	2	T2PB	Bushing - Plastic
9	2	AS001	Roller - Anti-Scalp 3/8 ID
10	1	NB707	Bolt - Carriage 3/8-16X4
11	1	NB207	Nut - Nyloc 3/8-16
12	11	NB596	Bolt - Serr Flange 5/16-18 X 3/4
13	13	NB170	Nut - Serr Flange 5/16-18 Z
14	4	26X249	Screw - .312-18X.75
15	1	NB132	Bolt - 1/2-13 X 4 HCC
16	3	NB688	Nut - Nyloc Jam, 1/2-13 ZY
17	1	NB281	Nut - Nyloc 1/2-13 ZY
18	2	NB121	Nut - Jam Lock 1/2-13 2-Way
19	2	3511	Wheel - Gauge
20	1	18383*	Bracket - Middle Roller
21	1	18384*	Bracket - Deck Hanger
22	2	18391	Cover - Belt, Black Composite
23	2	NB577	Bolt - 1/2-13 X 3 1/2
24	1	092104*	Bracket - Deflector
25	1	15780*	Bracket - Wheel Right
26	1	15779*	Bracket - Left Wheel
27	1	18382*	Deck - Weldment T60 Roundback
28	1	NB509	Bolt - 1/2-13 X 2 HCC
29	2	NB106	Bolt - 5/16-18 X 2 3/4 HCC
30	2	NB181	Nut - Nyloc 5/16-18
31	8	18531	Washer - Bent .25" ID X 18GA
32	8	NB703	Screw - MSC, 10-24 X 1 1/4
33	8	18532	Nut - Clip, 10-24

ITEM #	QTY.	PART NO.	DESCRIPTION
1	1	166X34	Spring - Torsion
2	1	NB182	Nut - Nyloc 3/8-16 zy
3	1	NB784	Bolt - HCC 3/8-16 x 7
4	1	092100	Chute - Discharge

GRASS CHUTE & SPRING DETAIL



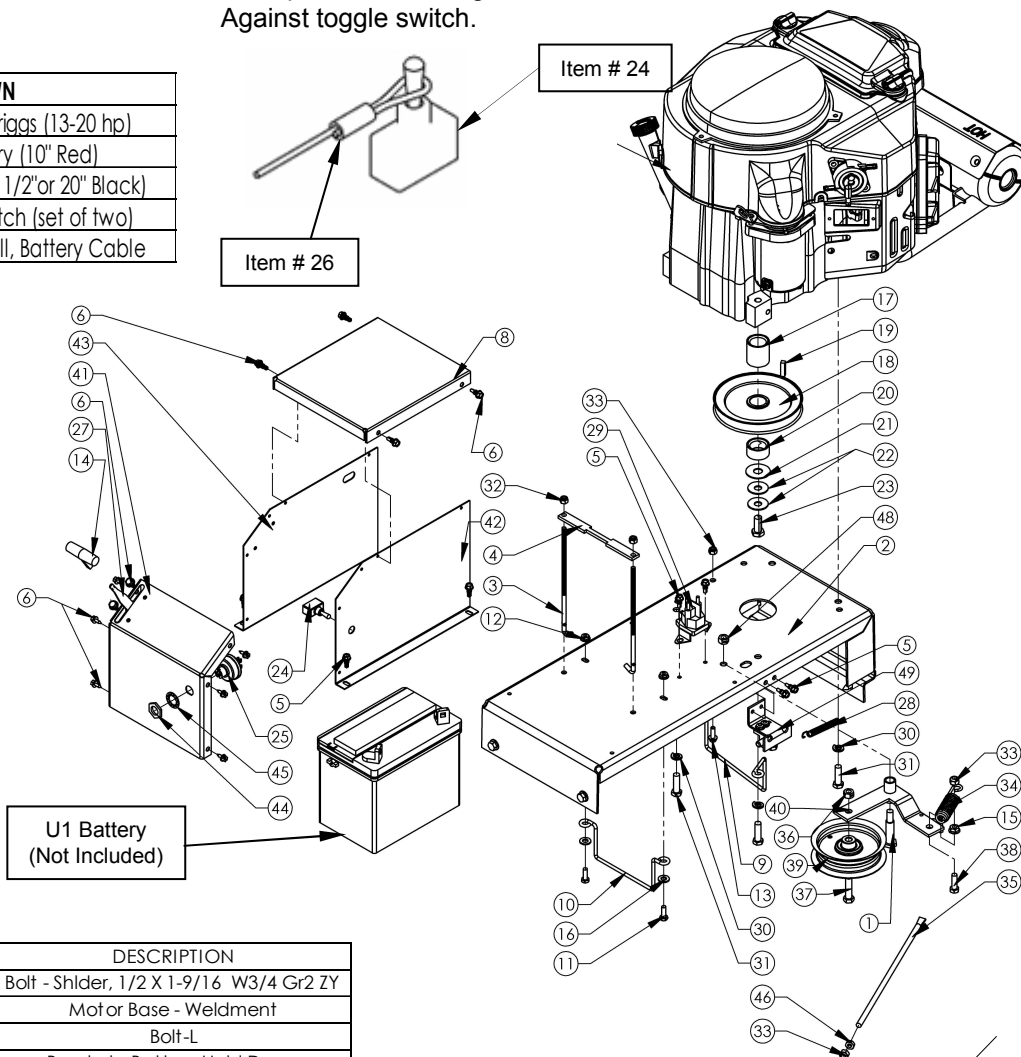
CASTER / WHEEL ASSEMBLY DETAIL

ITEM #	QTY.	PART NO.	DESCRIPTION
1	2	B98	Bearing
2	1	17X195	Washer - Flat
3	1	094618	Cap
4	2	NB195	Washer - 13/16 ID X 1 1/4 OD X 1/8
5	1	663L	Spacer
6	1	NB595	Nut - Locking Jam, 2 Way 5/8-11
7	2	NB178	Washer - 5/8 ID X 1 OD 10 GA
8	1	665*	Weldment - Caster
9	1	F4157WK	Tire/Wheel - 5/8 Bearing 13x5x6 NHS, Bk
10	1	NB122	Nut - Nyloc Jam 3/4-16
11	1	NB624	Bolt - 5/8"-16 X 7" HCC ZY Grade 5

MOTOR BASE DETAIL

Slide plastic tube snug
Against toggle switch.

PARTS NOT SHOWN	
18057	Harness - Wiring, Briggs (13-20 hp)
BCSR	Cable - Battery (10" Red)
BCLB	Cable - Battery (19 1/2" or 20" Black)
KSK	Keys - For Key Switch (set of two)
BCBT	Boot - Rubber, Small, Battery Cable



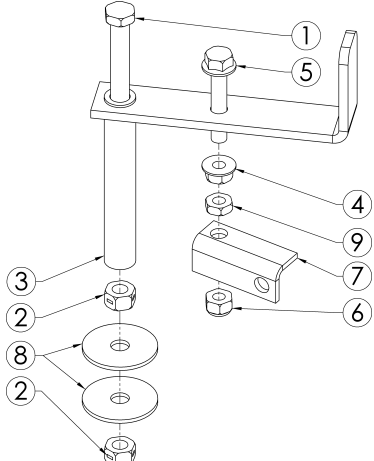
ITEM #	QTY.	PART NO.	DESCRIPTION
1	1	NB220	Bolt - Shlder, 1/2 X 1-9/16 W3/4 Gr2 ZY
2	1	18387*	Motor Base - Weldment
3	2	17760	Bolt-L
4	1	17794*	Bracket - Battery Hold Down
5	8	26x229	Screw - Hex Tek 1/4 X 1/2
6	10	024206	Screw - 12 X 1/2 Hex Self Tap
7	1	N/A	Engine (Reference Model Shown)
8	1	17840*	Cover - Battery Top
9	1	20935	Guide - Belt, FC
10	1	14869	Guide - Belt; T60
11	2	NB250	Bolt - 1/4-20 X 3/4 GR5
12	2	NB524	Nut - Serr Flange, 1/4-20 Grade 5
13	1	NB596	Bolt - Serr Flange, 5/16-18 X 3/4 Gr 5
14	1	4226K	Knob - T, For Throttle Cable
15	1	NB170	Nut - Serr Flange 5/16-18 Case Hrd
16	4	NB275	Washer - SAE Flat 5/16
17	1	689L	Spacer - Long, Engine Pulley, 1.5"
18	1	688	Pulley - Engine, 5.5"
19	1	9031	Key Stock - 1/4 X 1 Undr Size
20	1	689S	Spacer - Short, Engine Pulley, .687
21	1	TR150W	Washer - .5311DX1 1/2ODX.062(Ht Trtd)
22	2	699	Washer - Belleville 7/16 X 1 1/4
23	1	NB452N	Bolt - 7/16-20 X 1 HCF GR5 Nylock
24	1	685SP	Switch - Toggle, Single Pole

ITEM #	QTY.	PART NO.	DESCRIPTION
25	1	3623	Switch - Key
26	1	H9C	Tether - Safety, Coiled
27	1	17898	Cable - Throttle; T60
28	1	T2SM	Spring
29	1	1002004	Solenoid - 3 Pole
30	4	NB711	Washer - Split Lock, 3/8 ZY, Medium
31	4	NB618	Bolt - 3/8-16 X 1 1/4 GR5 ZY
32	2	NB180	Nut - Nylock 1/4-20
33	3	NB181	Nut - Nyloc 5/16-18
34	1	4422	Spring - Idler Tension, Bent Leg
35	1	10636YZ	Bolt - Spade, 5/16-18 X12
36	1	NB280	Nut - 2 Way Lock 3/8-16 Wax Gr A
37	1	NB107	Bolt - 3/8-16 X 1 1/2 HCC GR5
38	1	NB501	Bolt - 5/16-18 X 1 HCC GR5
39	1	B527	Pulley - Idler, OD3.25" ID3/8"
40	1	6009*	Idler - Engage Weldment
41	1	17614*	Cover - Battery Top Front
42	1	17615*	Cover - Battery Left
43	1	17616*	Cover - Battery Right
44	1	9087	Nut - Key Switch
45	1	9088	Washer - Lock, Key Switch
46	1	NB210Z	Nut - 5/16-18 HNC
47	1	-	See Safety Switch Detail
48	1	NB182	Nut - Nyloc 3/8-16

When ordering replacement parts

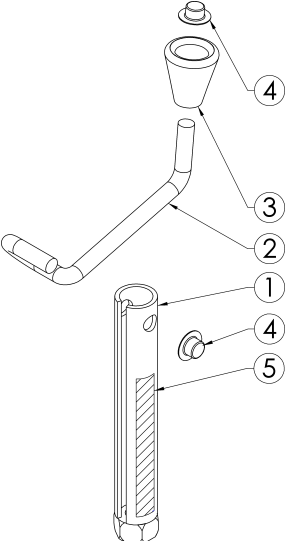
*USE PAINT CODE: GT=GRAY TK=BLACK

Engage Lever Detail			
ITEM #	QTY.	PART #	DESCRIPTION
1	1	NB155	Bolt - 1/2-13 X 5 HCC GR5 ZP
2	2	NB121	Nut - 2 Way Lock 1/2-13 ZY
3	1	18976*	Engage - Weldment
4	1	NB170	Nut - Serr Flng 5/16-18
5	1	NB253	Bolt - Serr Flng, 5/16-18 X1 1/4
6	1	NB181	Nut - Nyloc 5/16-18
7	1	4578*	Pivot - Engage
8	2	NB555	Washer - 1/2
9	1	11158	Nut - Jam, 2-Wy Lck, 5/16-18

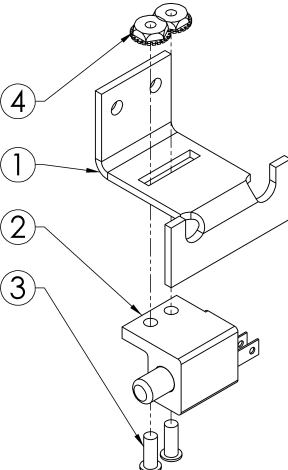


Height Adjust Handle Detail			
ITEM #	QTY.	PART #	DESCRIPTION
1	1	H7N1TK**	Tube - Height Adjust
2	1	ES214**	Rod - Crank, For H7N
3	1	H7K**	Knob - Height Adjustment
4	2	NB117**	Nut - Push, 5/16
5	1	OD41**	Decal - Ruler

****Parts Included in Service Part # H7N**

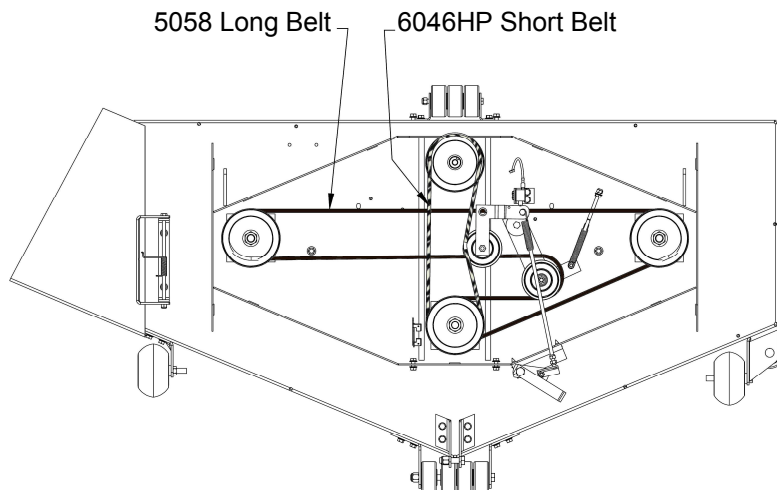


Safety Switch & Bracket Detail			
ITEM #	QTY.	PART #	DESCRIPTION
1	1	18390*	Mount - Switch Safety
2	1	3695	Switch - Normally Closed
3	2	NB197	Screw - Phillips Truss 8-32 X 1/2
4	2	NB201	Nut - Kep 8-32



20946 Idler Detail			
ITEM #	QTY.	PART #	DESCRIPTION
1	1	6054*	Idler - Bottom
2	1	20183	Pulley - Idler, 1" X 4" X 3/8" ID
3	1	NB107	Bolt - 3/8-16 X 1 1/2 GR5
4	2	NB181	Nut - Nyloc 5/16-18
5	1	NB182	Nut - Nyloc 3/8-16 ZY
6	1	NB272	Washer - SAE Flat 3/8
7	1	NB280	Nut - 2 Way Lock 3/8-16 Gr A
8	1	NB501	Bolt - 5/16-18 X 1 GR5
9	1	6037	Bushing - Idler
10	1	NB182	Nut - Nyloc 3/8-16
11	1	6040Z	Washer - Idler
12	1	NB618	Bolt - 3/8-16 X 1 1/4 GR5
13	1	TZ2S	Spring
14	1	10546	Eyebolt - Turned 3/8-16 X 5 ZY STD
15	1	NB173	Nut - Jam 5/16-18

Belt Configuration



NOTES:

This image shows a full page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, typical of notebook paper. There are no margins, text, or other markings on the page.

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OWNER'S MANUAL

MODEL NO.

**FC14560CPKA
FC14560CPKA-CA**



IMPORTANT

Read and follow all
Safety Precautions
and Instructions
before operating this
equipment.

60" FAST FINISH TRAIL MOWER COMMERCIAL PRO

HOW TO ORDER

REPAIR PARTS:

Each mower has its own model number. Each engine has its own model number. The model number for the mower will be found at the left rear of the unit on the belt cover skirt.

The model number for the engine will be found on the top of the blower fan housing.

All mower parts listed herein may be ordered directly from Swisher or your nearest Swisher dealer.

All engine parts may be ordered from the nearest dealer of the engine supplied with your mower.

Color cannot be guaranteed on service parts.

WHEN ORDERING PARTS, PLEASE HAVE THE
FOLLOWING INFORMATION AVAILABLE:

- * PRODUCT – FC60 FAST FINISH TRAIL MOWER
- * SERIAL NUMBER - _____
- * MODEL NUMBER - _____
- * ENGINE MODEL NUMBER - _____
TYPE - _____
- * PART NUMBER
- * PART DESCRIPTION

TELEPHONE - 1-800-222-8183

FAX - 1-660-747-8650

SWISHER ACQUISITION INC.

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WARRENSBURG, MO 64093



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