

## Mower Log

*last update pages 2, 6 - 04-22-14*

## Husky

Husqvarna YTH2048 - Briggs & Stratton Crown Series 20 HP Twin "V" OHV

### OIL

5-30-07	Changed Oil and Filter	7-30-07	Changed oil
5-30-08	Changed oil	6-26-09	Changed oil
9-03-10	Changed oil	8-29-11	Changed oil
10-18-12	Changed oil		

### BLADES

4-14-07	Sharpened		
7-30-07	New blades installed, Old ones sharpened		
5-30-08	Old sharpened blades installed, New blades sharpened		
7-16-08	Blades swapped	9-26-08	Blades swapped
7-03-09	Blades swapped	10-22-09	Blades swapped
9-03-10	Blades swapped (ones removed needed sharpening real bad)		
5-13-11	Sharpened	8-29-11	Blades swapped
8-24-12	Blades swapped	7-2-13	Blades swapped
4-9-14	Blades swapped		

### PARTS

6-12-07	Spark system replaced by Chuck J
6-18-07	Drive belt replaced
6-28-07	Pin in deck raising arm replaced
7-11-07	Deck rear idler pulley, bearing, spacer and bolt replaced.
3-25-08	Drive belt replaced <b>NAPA</b>
4-23-08	Deck belt replaced <b>NAPA (4L810W bad #)</b>
5-11-11	Spark plugs 2ea <b>BS 12YC</b> Was running ruff, one plug fowled
5-23-11	Right Coil replaced Emerald Power Equip #492341 \$49.95
4-02-12	Deck to motor idler bearing replaced
4-09-12	Motor to Deck belt replaced \$41 (Green)
5-07-12	Deck belt replaced AIM FHP 5L900 90" x 5/8" (Gates 3900)
7-30-12	Motor to Deck belt replaced (Black)
9-21-12	Replaced both deck belts 5L900 (5/8" wide 90" long) Found idler pulley bad, was a "V", replaced with a FLAT.
9-28-12	Replaced FLAT idler pulley with a NEW "V" idler - \$32.95
8-02-13	Right Coil replaced Emerald Power Equip #492341 \$44.95 Also found right Exhaust pushrod bent, valve guide slid down
09-03-13	Replaced Right head assembly, push rods and both spark plugs. Spark plug gap 0.020" Valve clearance 0.006" on both Parts ordered from sears for Briggs & Stratton 407777 engine \$134.73

## MISC

- 10-10-08 Washed and de-grassed for the winter
- 5-13-11 Washed and de-grassed

## Deck

7-27-09 Repairs: Weld frame, replace idler bearing, repaired noseroller, weld tensioner arms, shim center spindle 1/8" lower, replaced several clips and one pin. Cleaned and painted.

*May need soon* Noseroller 3" x 7" 1/2" hole 532176066 \$10.84

Pulley Idler "V" 532189993 (replaces 532175080) \$34.65

Shipping \$11.00

*Info* - Bearing For large idler pulleys - NTN 6L025 or DAYTON 1ZGH3  
Bore Dia 17 mm, Outside Dia 40 mm, Width 12 mm,

5-13-11 Deck blades belt bouncing and rubbing pulley guard. Belt most likely slipped due to a clog, making it smaller in one area, causing it to bounce. Swapped with Deck Drive. Cleaned and repainted deck. Noticed Idler "V" pulley bearing noisy, need to get new one.

5-18 Not running correctly, right plug fouled - new plugs did not solve problem.

5-19 Adjusted valve clearance on right cyc. Did not fix, may be bad coil.

5-23 Replaced right coil - Emerald Power Equip #492341 \$49.95

5-24 Returned to the field, will have to wait until it mows to find out if it is fixed...

5-07-12 Fire burned belt on right blade – caught grass on fire as well.  
Belt replaced. Plastic guard somewhat melted but works.  
Noticed that left blade bearing noisy.

9-18 Motor to deck belt broke when mowing at the highest setting.

9-21 Replaced both deck belts 5L900 (5/8" wide 90" long)

Found idler pulley bad, was a "V", replaced with a FLAT.

Need 532175080 Pulley Idler "V", AYP 189993, 184058 V Idler Pulley NEW 78-014  
Bearing ID: 3/8", OD: 4-1/2", For 5/8" belt, 3/8" offset

9-27 Ordered 193195 from Emerald Power Products

9-28 Pulley Idler "V" arrived \$32.95

10-11-12 Washed

10-04-13 Right deck hanger bolt fell out, found and put back on.

03-19-14 Tension spring on deck off, put back on, now motor to deck belt tight  
Hydrostatic tranny not behaving well, sometimes it will not move when cold,  
sometimes it will not move when hot.

Right deck hanger bolt fell out, too long of one put in temporarily. Clutch break  
needs to be pulled back up by hand to go forward.

03-20 Right deck hanger bolt reinstalled, added 1/4" bolt just ahead of 3/8 bolt.  
Clutch pedal behaves now.

04-09 Would not start, messed with it and in now runs.

4-22 Al took home to see if the TransAxle can be repaired.

## Ford

YT16 manufactured 1985 ?

### OIL

5-30-07	Changed oil	6-26-09	Changed oil
9-03-10	Changed oil	5-01-12	Changed oil

### BLADES

4-14-08	Sharpened	5-30-08	Sharpened
7-30-08	Sharpened		
9-26-08	New blades installed, Old ones sharpened		
7-03-09	Blades swapped	10-22-09	Blades swapped
06-12-10	Sharpened	9-03-10	Blades swapped
5-21-11	Sharpened	8-29-11	Blades swapped
5-14-12	Sharpened	8-15-12	Sharpened
3-27-13	Sharpened	7-2-13	Blades swapped

### PARTS

4-18-07	Drive belt replaced
2-10-08	Battery replaced
3-21-08	Drive to Deck belt replaced (Knechts) <b>Goodyear 85490</b> 0.66" top width
11-7-08	Replaced Champion H10C plugs with Autolite 218
9-22-09	Pins and clips for hanging deck (had bolts)
6-11-10	Drive to Deck belt replaced (idler pulley came off) Goodyear 85490
4-22-11	Drive to Deck belt replaced (CarQuest) <b>6949</b> (49 x 0.656)
5-21-11	Drive to Transaxle belt replaced with longer one (103 x 1/2) (Emerald Power Equipment) \$31.95 Snapper 14799 DF 7-3233
5-23	Carquest Belt RBR 6848 \$16.48 - only 1/2" wide....
7-25	Deck belt slipping in tall grass. Purchased and installed Carquest Belt 6948 \$23.39. Deck does not drop with out help.
8-29	48" belt installed - tight -Motor to Deck belt AIM 5L500 at brooks \$11.00
9-5	25A bridge rect installed and 25A fuse
12-16-11	Replaced gas hose from filter to carb. Old one leaking.
5-01-12	Replaced Deck belt 1/2" x 78" and Drive to Deck belt 5/8" x 49" (CarQuest Gates Hi-Power II A76 RBR 1/2" x 78" \$15)
5-12	Replaced Drive to Deck belt 5/8" x 50" Goodyear 85500
8-14	Replaced Left cyc exhaust valve seat
11-15	Replaced Flat idler pulley on DECK (runs outside blades)
3-4-14	Replaced Deck belt 1/2" x 78 Carquest PowerRated GREEN 6878 \$24

### MISC

10-10-08	Washed and degreased for the winter
6-11-10	Washed. Both left tires needed air

**Deck** Tag 7441 9607441 Serial # YC04867 83554

- 10-1-08 Removed deck from Ford tractor to see if the scalping (low cutting of one blade) can be fixed
- 10-3 Straightened shaft mounting, oiled, greased and repainted top. Inner idler pulley/bearing a little rough, oiled, check next year  
Left shaft bearings have aprox 1/8" slop vertically and bit rough  
Right shaft bearings a bit rough, both should be checked next year.
- 10-5 Removed left shaft and bearings, found slop was in the bearings. Trimmed the bearing spacer, no more vertical slop. IT IS READY
- 10-6 Reinstalled deck
- 10-10 Re-tightened main mounting bolts.
- 06-11-10 Replaced several bolts, cotter pins. Drilled out mount points and installed bronz-a-lite bearings. Insert plastic bearings in rollers. Inserted plastic bearings in left rear deck wheel, touchup blue paint.
- 5-17-11 **Transaxle BAD** - three teeth missing from differential gear, tranny case broken. **Need replacement transaxle.**
- 5-19 Craig Canaday donated his OLD Craftsman mower, transaxle from it may work.
- 5-20 Installed the craftsman transaxle in Ford. Will take a LOT of fiddling to make it work. Got a belt that should work for the drive.  
(Emerald Power Equipment) \$31.95 Snapper 14799 DF 7-3233 (103 x 1/2)
- 5-21 Adjusted the brake, and gear shift linkage. Brake adjustment not correct yet. Gear shift linkage close. Made brass bushing for steering. Bolted broke deck hanger to the one that was NOT broke.

**NEED** a new engine-to-deck belt, the other one got trashed when installed incorrectly. (CarQuest) **6949** (49 x 0.656)

Ford ToDo

Shift linkage Close but not correct

Brake linkage Needs adjusting

Try to Get RICHT Wheel OFF NO LUCK so far

Aired ALL tires to 10 LBS need to check in a couple days

5-22 Ford Mower UPDATE

The brake and shift linkage have been tweaked.

The brake will need to be re-adjusted after the rust has worn off the disk brake.

The shifter NEUTRAL is now in the correct spot, reverse works.

Between N and #2 are speeds 1,2,3. Speed 4 is at aprox 2 1/2 and speed 5 is at #3 (the notch before 4-5-6). Just past the notch (#4) is speed #6.

Speed 6 is about the same as the OLD speed 4.

Mower does not move as fast, but it MOVES!

Still to do before ready for the field;

New belt from motor to deck,

Front wheels need to be removed and greased.

**Tire sizes Front** 15 x 6.00 - 6 NHS **Rear** WAS 22 x 9.0 - 12 NOW 23 x 8.5 - 12

5-21 Front wheels painted and greased.

Back to the field.

- Throwing belt from motor to deck. (CarQuest) **6949** (49 x 0.656)  
 Book says  
 9613727 BELT, TRANSMISSION V-BELT 0.66" W x 48.13" L, Drive, 9607442
- 5-23 Carquest Belt RBR 6848 \$16.48 - only 1/2" wide....
  - 5-25 Back to the field, will have to wait til it mows before we know if the belt will work.
  - 7-25 Deck belt slipping in tall grass. Purchased and installed Carquest Belt 6948 \$23.39. Deck does not drop with out help.
  - 9-3 Blown fuse, may be diode pack.
  - 9-5 25A bridge rect installed and 25A fuse

Deck tossing drive belts often, several lengths tried...

## 2012

- 5-13-12 Replaced Drive to Deck belt 5/8" x 50" Goodyear 85500  
 Replaced DECK idler pulley bearings  
 Deck to motor idler arm bushings replaced.
- 6-30 Not starting or running well
- 7-16 Left cylinder not running, moved plugs, problem still on left cylinder.  
 Could be valves or coil
- 7-19 Removed head, found exhaust valve seat loose, head probably got too hot as found lots of grass packed in head vents.
- 7-22 Blown fuse, may be diode pack (found wire shorted on diode pack.) 15A installed
- 8-14 Valve seat replaced, had to drill out head and make spacer.
- 8-27 Battery dead – not charging.
- 8-28 Swapped battery (NEW) from Wizard, no difference. Swapped bridge rectifier, no difference. Voltage goes from 12.4 to 12.5 when engine rpm increased, but ammeter does not show any charge. ????
- 9-9.1 Alternator replaced, charges now.
- 10-11 Washed
- 11-5 Battery runs down before it starts. Tested compression, OK (85 Left, 90 Right)  
 Swapped battery with one in Wizzard.
- 11-15 Starting OK now, Wizzard needed jump

## 2013

- 3-25 So far this year it is still having starting problems. When blades engaged amp meter showed discharge.
- 3-26 Found poor connections from diode pack to battery. With home battery charger direct to battery would charge 5 amps, hooked to charge from output wire of diode pack only got 3 amps. Cleaned connections at fuse bock, starter solenoid and both sides of amp meter. Seems OK now. It will charge 5 amps now. Running motor at full throttle amp meter shows some charge when the blades are engaged.

## 2014

- 2-2 Ran bat down trying to start. Had to jump and use starting fluid to get it running. Blades not spinning, drive pulley on top of deck spinning, will need to look at the belt under the covers.
- 3-4 Ran bat down trying to start. Had to jump. Replaced deck belt, and adjusted idler pulley.  
Mows nice now. May not start next time. Believe there is a problem in the carb with fuel leaking out if it sits for a couple days.
- 3-19 No compression left cyc. Removed head found valve seat loose, (repair did not last). Peened back into head, will not last long.
- Time for another motor or MOWER.
- 4-11 Sold to Jim Corbett for \$200

## Wizard

Model# 13AL673G098 Serial# 1B152B70349  
Manufactured 1998 Purchased Nov 08 \$250

- 12-03-08 Two keys purchased
- 07-08-09 Arm that lowers the deck did not lower enough, the slot is the side of the mower frame was cut out to let the deck lower to the same level as the other two mowers. - did not quite get low enough
- 06-14-10 Cut out more of the Frame to lower deck  
Needs new belt
- 06-15-10 V-Belt MTD 754-0371A From Jerrys # 336109 \$29.99  
**Product Description** A popular MTD belt used on 42? decks.  
5/8 X 74 Kevlar® cord  
Two 5/8" holes drilled in metal near ball hitch to attach clevis for towing roller or trailer. Removed belt guards from deck.  
Disconnected the reverse safety switch, it will mow backwards now.  
Replaced a missing bolt on the lift shaft.
- 05-12-12 Replaced battery.
- 08-16-12 Replaced the two drive belts – Front 53" rear 48" still not moving correctly.  
Will try front 52" and see if that helps.  
Brooks Armor Utility Belt 85530 and 85480 \$? & \$11  
Still not moving correctly.
- 08-24-12 Replaced 85530 with 85520 (53" to 52") moves ok now.
- 07-02-13 Replaced fuel filter
- 04-09-14 Replaced deck belt Car Quest RBR 6974 (Green) \$35

## BLADES

- 06-14-10 Blades sharpened
- 08-28-12 Blades removed to sharpen

## Notes:

- 05-22-11 Quit, back of switch messed with, then it would start and run.
- 05-01-12 Battery dead, needed a jump to start. Running ruff after mowing
- 08-01-12 2<sup>nd</sup> gear and 6<sup>th</sup> gear not working correctly – will try replacing drive belts.
- 08-28-12 Swapped battery (NEW) from Wizard to Ford, Old battery seems OK.
- 11-5 Swapped battery with one in Ford. (Battery runs down before it starts Ford)
- 11-15 Wizzard needed jump to start

## Weed Whacker

- 05-01-12 Replaced fuel tank filter and hose.

## MISC items

UNKOWN (as to what it goes on) belt - NAPA A100