

## Operators Manual



Please read these instructions carefully and make sure you understand them before using the machine.

## Models:

968999117 / W3613ETS

968999120 / W4815ETS

Thank you for buying an **HUSQVARNA!** Before operating your new mower, read, understand and follow the important safety instructions and the other instructions contained in this manual. Lawnmowers and all power equipment, can be potentially dangerous if used improperly. **SAFETY REQUIRES GOOD JUDGEMENT, CAREFUL USE IN ACCORDANCE WITH INSTRUCTIONS AND COMMON SENSE.**

## **INTRODUCTION**

This manual has been prepared for the operators of the HUSQVARNA 36" and 48" commercial mowers. Read, understand, and follow the safety and operating instructions.

Always stop the engine and blades, place the traction levers in drive, and place the mower in gear when leaving unattended.

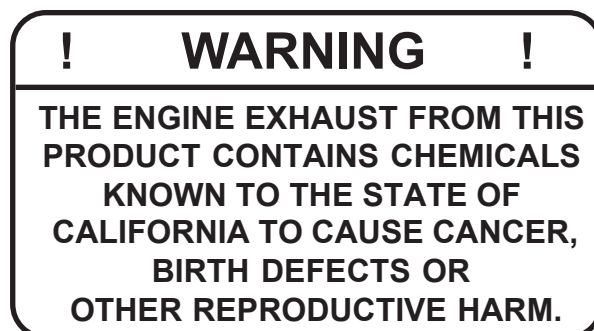
The steering system of this mower uses individual right and left drive levers on the upper handle. Squeezing the traction lever will reduce tension on the wheel drive belt eliminating power to that wheel. With the opposite wheel still under power a turn is accomplished. If the traction lever is squeezed even tighter the brake will be applied to that wheel and a tighter more abrupt turn is accomplished. **LEARN HOW TO USE THESE IMPORTANT STEERING/BRAKE CONTROLS!**

As an additional safety feature, these mowers are equipped with an Operators Presence System. This is an electrical interlock safety system which is activated by depressing either one or both of the Operator Presence Levers above the handle grips. Releasing both Operators Presence Levers while mowing or transporting will break the electrical circuit and cause the engine and mower to stop. The mower will not stop immediately after releasing the O.P. levers, some travel does occur.

## **TECHNICAL ASSISTANCE**

If you have any questions pertaining to your mower contact your dealer. To locate the nearest dealer please call: **1-800-HUSKY-62.**

For technical assistance please write: Husqvarna, 9906 Perimeter Woods Drive, Charlotte, NC, 28216 or call: **1-800-HUSKY-MD.**



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# Safety

**! WARNING !** : Failure to comply with the following instructions may result in serious injury to the operator or other persons. The owner must understand these instructions, and must allow only persons who understand these instructions to operate the mower. Each person operating the mower must be of sound mind and body and must not be under the influence of any mind altering substance.

## TRAINING

1. Read this manual carefully and question your dealer if something is not clear. Should the dealer be unable or unavailable to answer your questions, call or write our factory.
2. Be thoroughly familiar with the controls and proper use of the equipment.
3. **DO NOT** allow children in the yard or area when the mower is operating.
4. **DO NOT** allow pre-teenage children to operate mower.
5. Allow only responsible teenagers with mature judgment to operate mower and only when being supervised.
6. Keep the area clear of all persons, particularly small children and pets.

## PREPARATION

1. The use of personal protective equipment, such as (but not limited to) protection for the eyes, ears, feet and head is highly recommended.
2. Never operate the mower without proper guards, covers, safety switches and devices in place and properly functioning. Inspect to determine that these safety devices are installed properly, are in good condition and operate properly. If the condition of any of these devices is questionable, they must be replaced or repaired before using the mower.
3. Thoroughly inspect the area and remove all stones, sticks, wire and other debris. Also note other possible hazards such as holes, stumps, sprinkler heads etc..
4. Do not operate the mower when barefoot or wearing open shoes. Always wear substantial footwear and long pants.

5. Fill gasoline tank before starting the engine. Only use an approved gasoline container. Do not smoke near open gasoline containers. Do not fill gasoline tank indoors or when engine is running or hot. Wipe off any spilled gasoline before starting engine.
6. Never attempt to make any adjustments (even the smallest) when engine is running.
7. Mow only in daylight or good artificial light.
8. Never operate mower in wet grass. Always be sure of your footing; keep a firm grip on the handle and walk, never run.

## OPERATION

1. Do not change engine governor settings or over speed the engine.
2. Keep hands, feet, and clothing away from rotating parts when operating mower.
3. Disengage blade drive when crossing gravel drives, walks, roads or under any condition where thrown objects might be a hazard.
4. After striking a foreign object or if mower vibrates abnormally, stop the engine and disconnect the spark plug. Inspect the mower for any damage and repair the damage.
5. Stop the engine and wait for the blades to stop rotating whenever you leave the operating position for any reason, including emptying the grass catcher or making any adjustments or repairs.
6. Mow across slopes, never up and down. Use caution when changing direction on slopes. Always turn uphill. Do not mow very steep slopes. Do not use sulky on any slopes.
7. When parking mower, stop engine and leave drive levers down in DRIVE position with transmission in gear to prevent rolling. Never park mower on a slope.
8. **NEVER OPERATE THIS EQUIPMENT, WITH ENGINE RUNNING, IN AN ENCLOSED OR CONFINED AREA WITHOUT PROPER VENTILATION OF THE ENGINE EXHAUST.**

# Setup & Adjustments

## MAINTENANCE

1. Keep all nuts, bolts, and screws tight to keep mower in safe operating condition.
2. Never store the mower with gas in the tank inside a building where fumes can reach an open flame or spark. Allow engine to cool before storing in an enclosure.
3. To reduce fire hazard, keep mower free of grass, leaves, or excessive grease.
4. Check grass catcher assembly frequently for wear or deterioration. Replace bag if loose seams or tears are evident.
5. Have your mower inspected and serviced each year by an authorized **HUSQVARNA** dealer. Determine if any additional devices are available which might upgrade the safety of your mower.
6. Use only authentic **HUSQVARNA** replacement parts to insure the safety and quality of your mower is maintained.
7. Safety decals should be replaced if they are missing or illegible. Decals may be purchased from your **HUSQVARNA** dealer.

## FRONT CASTER WHEELS

1. Mount front caster wheel assemblies. Installation includes fastening casters to front of the cutter deck using 3/8 x 1" hex head capscrews.

## FUEL TANK

1. Place fuel tank on tank support, making sure to get the studs through the slots on the top of the tank support. Place the 5/16" flat washer, spring, the other 5/16 flat washer and the 5/16" nut on the stud. Snug 5/16" nut, but do not over tighten.

## HANDLE ASSEMBLY

1. Align the upper mounting holes in handle with the upper hole in the tank support.
2. Install two 3/8" x 1" screws through matched holes and loosely install 3/8" nuts.
3. Align the lower holes and install hardware as above, tighten upper and lower hardware.

## LINKAGE INSTALLATION

1. Install drive linkage into the hole in the idler arm on the inside of the tank support. The drive linkages are fastened to the drive levers on the handle assembly. Secure the drive linkages to the idler arm by inserting a retaining ring through the small hole in the end of the drive linkage.
2. Install shifter to transmission with 1/4" x 1" screws.  
The shifter is located in the inner box and hardware is pre-assembled into the bracket on the transmission.
3. Install blade control rod into the bellcrank on the left side of the tank support. Secure rod with ring type retainer.
4. Refer to the section of this manual on adjustments for the proper adjustment of the linkages you are installing. The linkages were set at the factory but must be checked before operating mower to insure of the proper setting. Always check 100% of the adjustments before you operate the mower.
5. Connect the two halves of the wiring harness together. The four prong connectors have a locking tab that shows which way to line them up and guarantees that they are connected properly when the lock snaps.
6. Install the chute deflector to the side of the mower deck. Bolt it into place using the two 5/16" x 1" screws and nuts pre-assembled into the mounting tabs on the deck. Tighten the screws very securely with the chute completely covering the discharge opening and tight against the side of deck.

## THROTTLE INSTALLATION

1. Connect the throttle cable end to the throttle mechanism on engine, leaving the cable clamp loose. Push throttle lever on console completely forward. Then pull the cable through the clamp on engine and tighten the cable clamp. Move the throttle lever back and forth to ensure proper installation.

# Setup & Adjustments

## GAS LINE INSTALLATION

1. The gas line is factory installed on the engine. Attach loose end to fuel tank hose barb and secure with hose clamp.

## POSITIONING FRONT CASTER SPACERS

1. Using the cutting height chart, find the correct number of spacers to be placed under the caster swivel.

2. Remove the lynch pin and washer from the top of caster and reposition spacers to the desired cutting height from the chart. See figure # 2

## AXLE HEIGHT ADJUSTMENT

1. To adjust rear axle, stop engine and place drive levers in the neutral lock position, remove spark plug wire.

2. Remove lower belt shield from underside of rear deck for better access to axle adjustment bolts.

3. Loosen axle pivot bolts and axle adjustment bolts. See figure # 1.

4. Place a jack under center of rear deck raise the jack slightly so axle adjustment bolts may be removed.

5. With the jack raise or lower the rear deck to the desired position using the chart to ensure proper height. Reinstall the axle adjustment bolts and tighten.

A tapered punch may be used to help align the holes. See figure #1.

### NOTE:

It may be necessary to readjust drive and brake linkages.

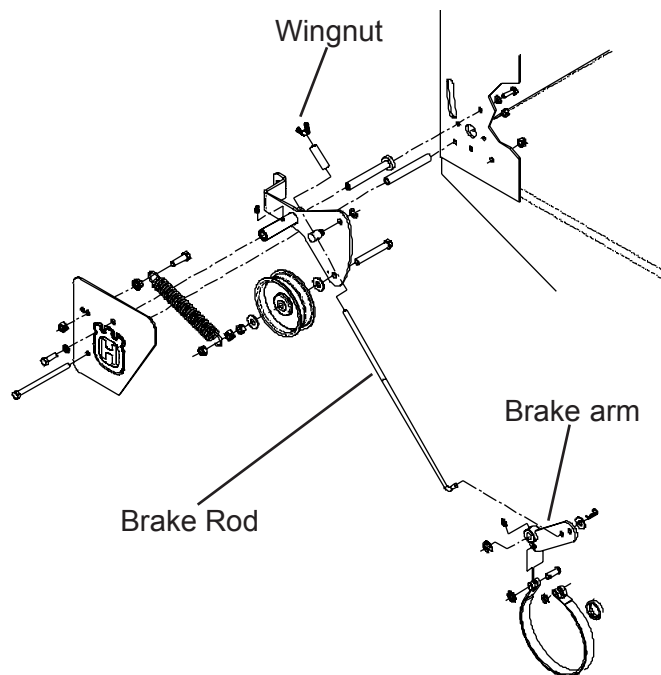
### NOTE:

To achieve the best quality cut, the blades should be level with the ground or slightly tipped forward

## BRAKE ROD ADJUSTMENT

1. Make sure the rod is installed into the proper hole in the brake arm. The brake rod should be in bottom hole on the brake arm as shown below. **Never use the upper hole.** The proper adjustment can not be achieved in this position.

2. To increase braking. Turn the wing nut down on the brake rod. **Do not** turn the wingnut down to far as this will result a constant braking action and will excessively wear the brake band and cause premature failure.



# Setup & Adjustments

## REAR AXLE HEIGHT ADJUSTMENT

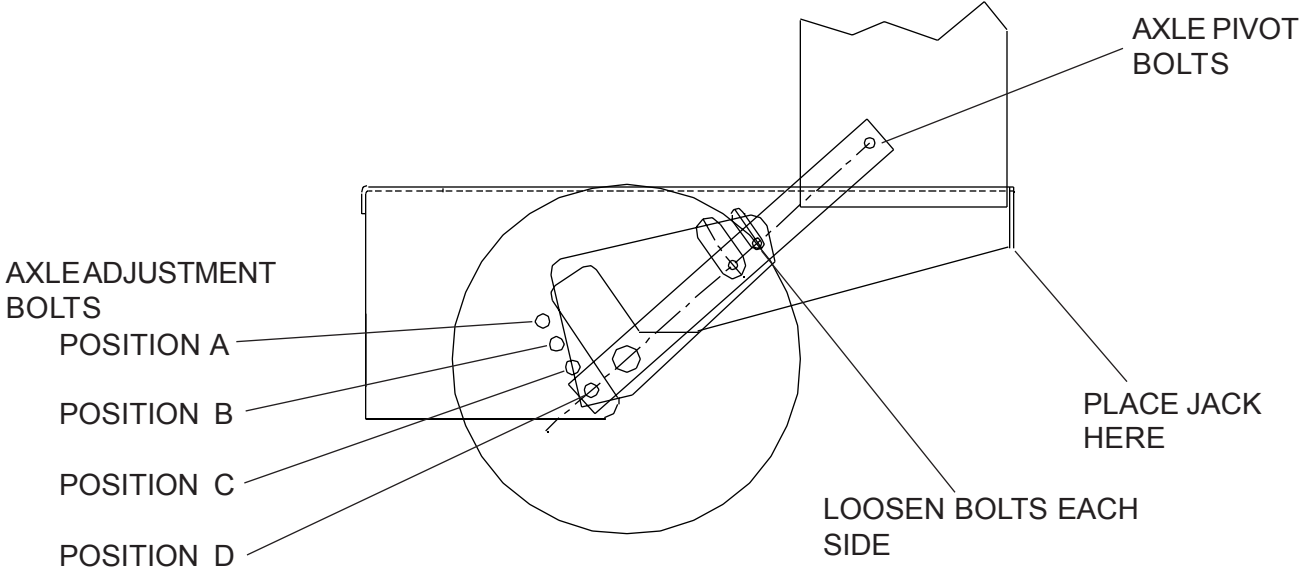


Figure 1

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## CASTER HEIGHT ADJUSTMENT

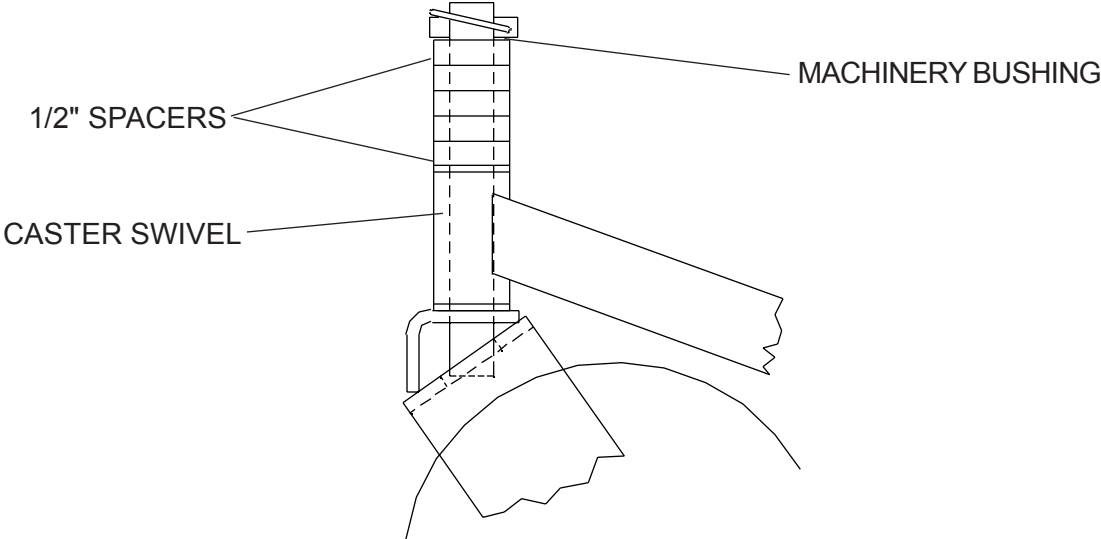


Figure 2

# Setup & Adjustments

## CUTTING HEIGHT ADJUSTMENT CHART

AXLE POSITION	NUMBER OF SPACERS BELOW CASTERARM	NUMBER OF 1/4" BLADE SPACERS UNDER CUTTER HOUSING	CUTTING HEIGHT (IN INCHES)
A	0	4	1 1/2
		3	1 3/4
		2	2
		1	2 1/4
		0	2 1/2
	1	4	1 3/4
		3	2
		2	2 1/4
		1	2 1/2
		0	2 3/4
B	2	4	2 1/2
		3	2 3/4
		2	3
		1	3 1/4
		0	3 1/2
	3	4	3
		3	3 1/4
		2	3 1/2
		1	3 3/4
		0	4
C	3	4	3 1/4
		3	3 1/2
		2	3 3/4
		1	4
		0	4 1/4
	4	4	3 1/2
		3	3 3/4
		2	4
		1	4 1/4
		0	4 1/2
D	4	4	3 3/4
		3	4
		2	4 1/4
		1	4 1/2
		0	4 3/4
	5	4	4
		3	4 1/4
		2	4 1/2
		1	4 3/4
		0	5

1. To quickly achieve small changes in cutting heights, move the spacers from under the cutter housing to above the cutter pulley. (Each spacer moved will give an additional 1/4" of cutting height).

USE ONLY 4 BLADE SPACERS MAXIMUM



# Setup & Adjustments

## BRAKE / TRACTION ADJUSTMENT

1. Disconnect the brake linkage from the brake band arm.
2. With the mower in gear, place the drive levers in the drive position. Firmly pull back on the handles until the tires slide to seat the drive belts into the pulleys.
3. Measure the distance between the back drive lever slot and the neutral bail. It should be between 3/16 and 1/4" but not exceeding 1/4". See Figure #3.
4. If the clearance is less than 3/16", disconnect the drive lever from the idler arm by removing the retaining ring.
5. Adjust the drive linkage to the proper clearance by screwing it into the yoke at the drive lever end of the linkage. This will achieve proper clearance if the distance is less than 3/16". Screw the linkage out if it is greater than 1/4".

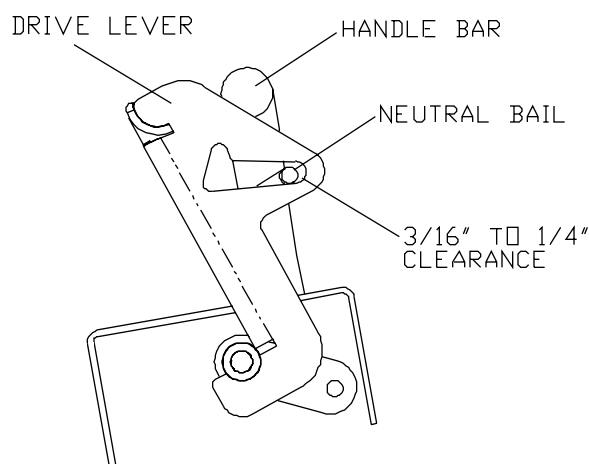


Figure 3

### NOTE:

More or less brake pressure may be desired depending on the operator or conditions of operation. To increase pressure tighten the wing nut on the brake linkage.

## OPERATOR PRESENCE SWITCH ADJUSTMENT

The operator presence switches can be adjusted by loosening the screws on the back side of the console and sliding the switch left or right. The O.P. switch plunger should just come in contact with the O.P. lever when the operator presence levers are released.

## BLADE SWITCH ADJUSTMENT

The blade engagement switch can be adjusted by loosening the screws on the blade engagement bracket and moving the switch up or down. The blade switch should be adjusted so the plunger is fully depressed when the engagement lever is fully disengaged.

## ADJUSTMENTS - DRIVE BELTS

For all drive belts, tension should be set so that belt vibration is minimized or eliminated when belts are moving during normal operation. A properly tensioned belt should have 1/4" to 3/8" deflection at the center of belt span between pulleys when blades are engaged. Blade drive belt tension is preset at the factory.

### NOTE:

**DO NOT** over tighten belt. Excessive tension will decrease belt and spindle bearing life.

## BLADE DRIVE BELT ADJUSTMENTS

### WARNING

**BEFORE PERFORMING ADJUSTMENTS ON BLADE BELT, TURN MOWER OFF, CLOSE FUEL VALVE, AND DISCONNECT SPARK PLUG WIRE.**

1. Remove front deck belt shield.
2. Loosen whiz nut on turnbuckle.
3. Set belt tension when engagement lever is in the engaged position.
4. To increase belt tension rotate turnbuckle toward the rear of the mower until desired tension is gained. Do not over tighten belts, too much tension will reduce belt and spindle bearing life. See figure # 6
5. Tighten whiz nut on turnbuckle and install belt shield.

**AUXILIARY BLADE DRIVE BELT  
(48" MODELS ONLY)**

To adjust tension of the auxiliary belt rotate nut on linkage that is attached to deck strap located on the right side of cutter deck. See Figure 6.

**TRANSMISSION DRIVE BELT**

To increase the tension of the transmission belt, loosen the nut on the underside of the transmission idler pulley located under the rear deck, slide the idler assembly inward to increase tension and tighten the nut to secure. See figures 4 & 5.

**BELT GUIDES**

Belt guides under rear deck are adjusted as shown in figures 4 and 5

**NOTE: The blades should come to a stop from maximum speed within 7 seconds after disengaging.**

**BLADE ENGAGEMENT LEVER**

The blade engagement lever needs to be adjusted so the lever does not come in contact with control panel when the lever is in the off position.

To adjust, remove the clevis pin from the yoke and adjust by turning the yoke. The clevis pin connects the blade engagement lever to the yoke, and the yoke is connected to the blade engagement rod that runs to the bellcrank on the rear deck.

**36" MODEL**

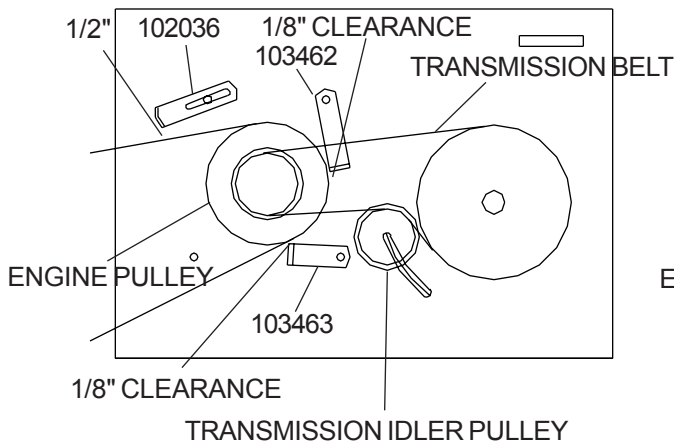


Figure 4

**48" MODEL**

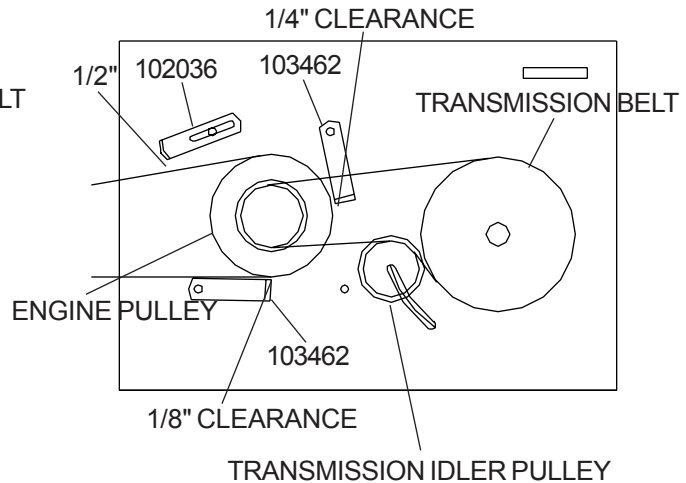


Figure 5

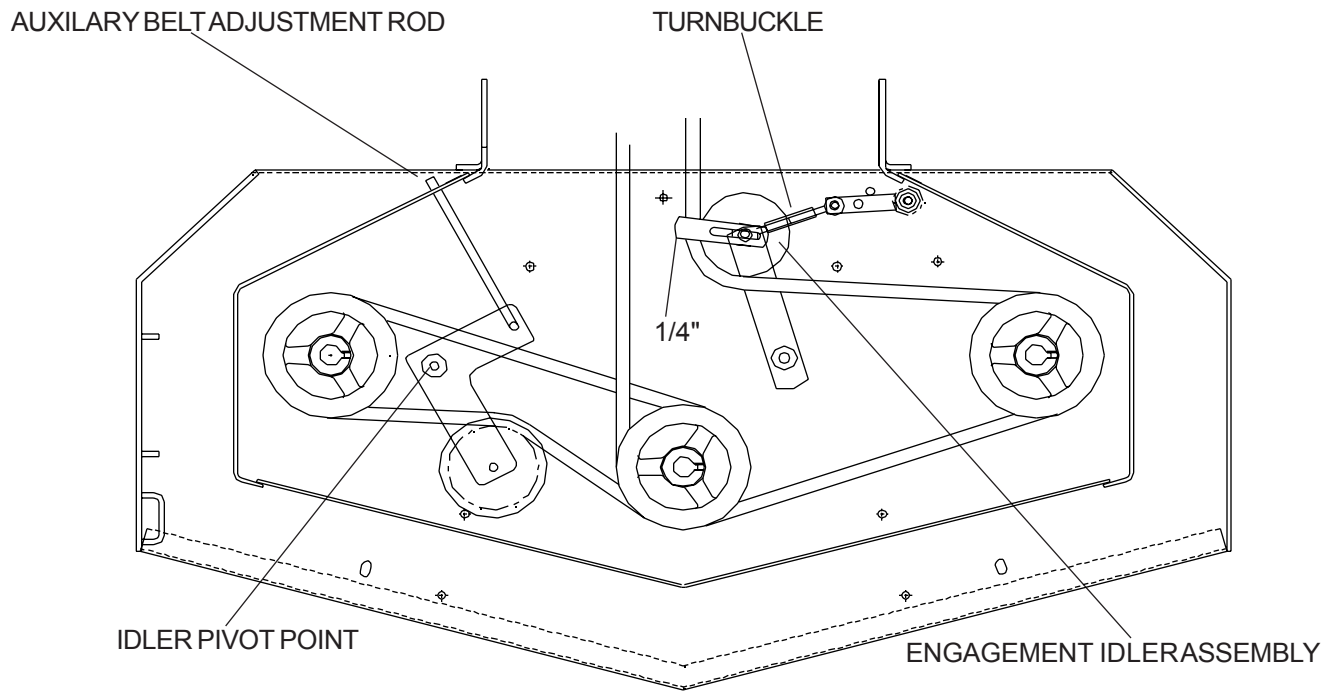


Figure 6

### BEFORE OPERATING

Be thoroughly familiar with all controls and how to use them before operating the mower. Know beforehand how to stop the engine, drive wheels, and mower blades in preparation for possible emergency.

### EMERGENCY STOP

Pull both drive levers firmly against handle grips and hold them securely in place. Use thumbs to lift the neutral bail up into the neutral slot. Then stop engine by pulling throttle control back and shut off the key switch. See figure # 7.

### NORMAL OPERATING STOP

1. Pull both drive levers firmly toward the handle grips to stop forward motion.
2. Use thumbs to lift neutral bail into the neutral slots.
3. Move the throttle control to the slow position.
4. Move blade engagement lever to the off position.
5. Move shift lever to the neutral position.
6. Stop engine by turning the key switch to the off position.

**NOTE**  
CLOSE FUEL VALVE AT THE END OF EACH MOWING JOB !!

### PRE-START CHECKLIST

Make the following checks and perform the services as required before each start up.

1. If required make cutting height adjustments and drive linkage adjustments. Refer to pages 6, 7, and 8
2. Check tires for proper inflation (front caster tire pressure to be 50 lbs max. / rear tire pressure to be 14 lbs max.
3. Check guards, deflectors, and covers to make sure all are in place and secure.
4. Check blade belts for wear and correct tension if worn or damaged, replace with original part.
5. Clean interior and exterior surfaces of the cutting deck and clean engine of any accumulation of dirt or debris. Keep engine air intake clear at all times.
6. Check engine oil add if needed (do not overfill)  
refer to engine manual for oil specs.
7. Add fuel to tank after pushing the mower outside where fumes can dissipate. Make sure cap is tight after refueling.

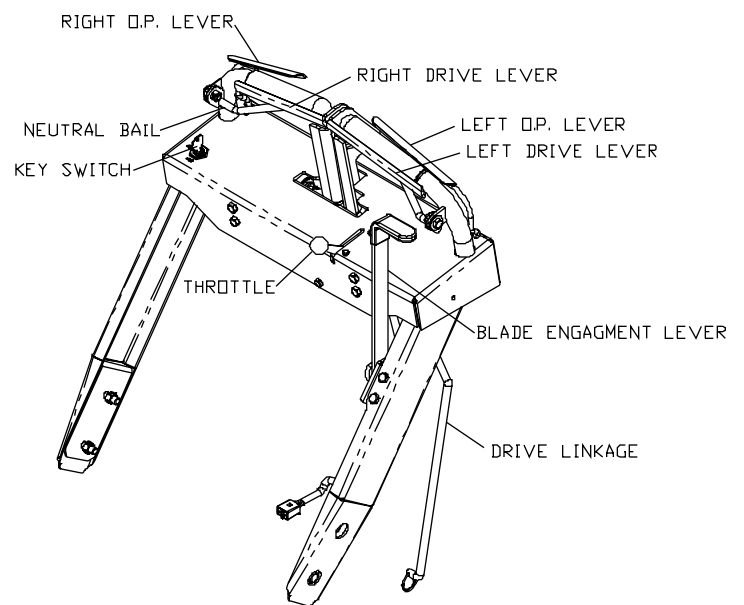
**NOTE**  
DO NOT ADD FUEL WHILE ENGINE IS RUNNING OR WHILE ENGINE IS HOT.

**STARTING AND OPERATING  
ENGINE: START ENGINE AS FOLLOWS:**

1. Move blade engagement lever to the off position so the interlock will allow engine to start.
2. Check gear shifter to be sure it is in the neutral position.
3. While on level terrain, squeeze both drive levers and lift up on the neutral bail to lock it into the neutral lock position.
4. Open fuel shut-off valve
5. Set throttle control all the way forward to the choke position.
6. Pull starter rope until engine starts.
7. Warm engine momentarily, then move the throttle control out of the choke position until engine runs smoothly, approximately 1/2 throttle. Engage the blades and set the desired rpm. The best cutting and bagging is obtained with engine at or near top rpm.

**NOTE: DO NOT engage the blades at full rpm. To extend belt life engage and disengage belts at 1/2 throttle.**

8. Depress one operator presence lever and shift transmission to the desired gear.
9. Unlock the drive levers by pushing the neutral bail down out of the neutral slots. Slowly release both drive levers at the same time to begin forward motion.
10. The steering system of this mower uses individual right and left drive levers on the handle bars. Squeezing the drive lever will reduce tension on the wheel drive belt eliminating power to that wheel. With the opposite wheel still under power a turn is accomplished. If the drive lever is squeezed even tighter the brake will be applied to that wheel and a tighter more abrupt turn is accomplished. - turn left by squeezing the left hand drive lever or turn right by squeezing the right hand drive lever. If you squeeze both levers the mower will stop. See figure to right of page.



## SERVICE

### SERVICE ASSISTANCE - REPLACEMENT PARTS

To retain the quality of your mower, use genuine HUSQVARNA replacement parts only. Contact your local HUSQVARNA dealer for parts and service assistance. For the correct part or information for your particular mower, always mention model and serial number. We recommend returning your mower to an authorized HUSQVARNA dealer on a yearly basis for inspection and addition of any new devices which might upgrade the performance and safety of your mower. For engine parts and service, look in the yellow pages for the engine manufacturer's dealers under the heading engines - gasoline.

**WARNING**  
**BEFORE PERFORMING SERVICE ON THE MOWER TURN ENGINE OFF, CLOSE THE FUEL VALVE, AND ALLOW ENGINE TO COOL. DISCONNECT THE SPARK PLUG WIRE. IF THE MOWER IS TO BE RAISED OR TILTED, MAKE SURE TO SECURE THE MOWER IN PLACE.**

**NOTE**  
**ALL MOWERS SHOULD BE TILTED WITH THE CARBURETOR SIDE UP**

### MODULE SYSTEM

The interlock modules function is to prevent the engine from starting if the blade and/or traction systems are engaged. It also causes engine shutdown if the operator falls from, or attempts to leave the operator position while the blades or traction drives are engaged. After the engine starts, the operator must hold either the left or right O.P. lever down before engaging the blades or shifting the transmission into gear. If neither O.P. lever is held the engine will stop.

### INTERLOCK SAFETY SYSTEM

Check the function of the safety electrical system on a regular basis.

1. Engine must kill if blades are engaged without O.P. levers held down.
2. Engine must kill if transmission is taken out of neutral without holding down O.P. levers.

3. Engine must not start unless blades are off and transmission is in the neutral position.
4. Do not operate the mower if the interlock safety system allows operating or starting in any unsafe condition.

**CAUTION**  
**DO NOT BYPASS THE INTERLOCK SWITCHES THEY ARE FOR YOUR PROTECTION! CHECK THE OPERATOR PRESENCE SYSTEM DAILY ALONG WITH THE TRACTION DRIVE SWITCHES AND BLADE SWITCH FOR PROPER OPERATION. REPAIR IMMEDIATELY IF A PROBLEM IN THE SYSTEM IS FOUND. DO NOT OPERATE MOWER IN A DAMAGED CONDITION.**

### BLADES

If blades are in good condition, sharpen at an angle of 22 to 28 degrees about 2-1/2" in from the tips.

**NOTE**  
**AFTER SHARPENING, CHECK BLADES FOR PROPER BALANCE, IF NEEDED CORRECT BALANCE TO PREVENT EXCESSIVE VIBRATION**

### CUTTING DECK SERVICE

If mower is cutting improperly, check the following:

1. Ground speed - too fast for proper cutting. Shift to a lower gear.
2. Engine speed - Increase engine speed.
3. Cutting height - too low for ground/grass conditions. Adjust to higher cut.
4. Blade spacers - not positioned properly on all blade shafts. Visually inspect and replace or adjust as necessary.
5. Front casters - spacers not in correct relationship with rear axle. Adjust as necessary.
6. Belt slippage - causing bad cutting pattern or uneven cut. Adjust belt tension
7. Tire pressure - uneven tire pressure can cause an uneven cut from one side of the deck to the other. Equalize tire pressure.

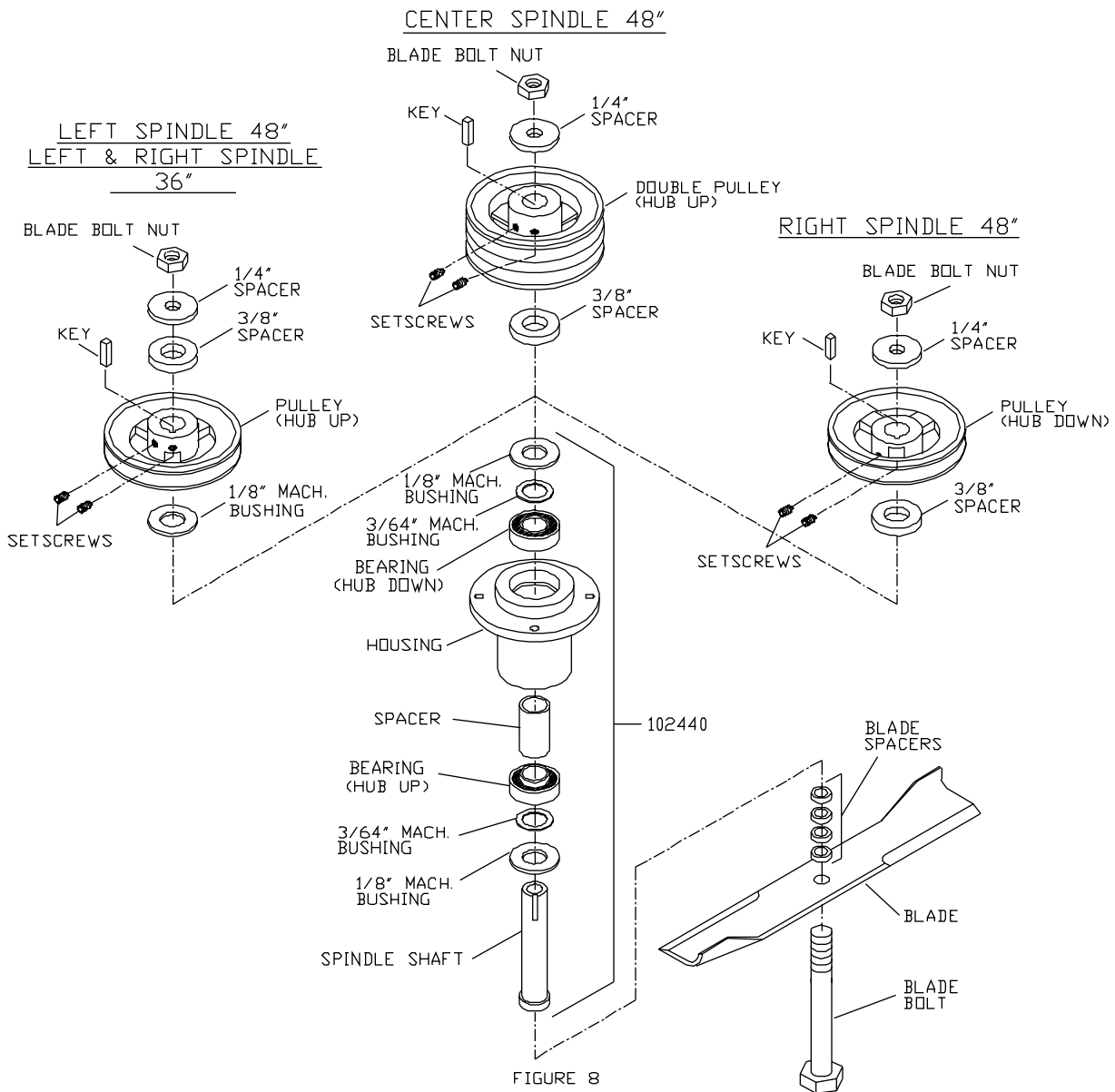
## CUTTER HOUSING SPINDLE ASSEMBLIES

The cutter housing assembly is designed with a slip fit inner race and pulley. The sole purpose of the setscrew in the pulley is to hold the housing assembly together. The setscrew is not meant to secure the pulley. The pulley is secured by pinching the pulley to the inner race of the bearings using the blade bolt and nut. Tighten the setscrews after you have pinched the assembly together with the blade bolt and nut.

Each cutter spindle on 48" Models have a different stack up of spacers and pulleys, to achieve proper belt alignment. The left cutter spindle on 48" Models is the same as 36" Models. See figure #8 (Refer to the **parts manual** when ordering parts.)

Cutter housing assemblies use sealed bearings and are maintenance free.

**NOTE**  
**WHEN PRESSING A BEARING IN OR OUT OF A CUTTER HOUSING APPLY CONSTANT PRESSURE TO THE RACE OR RACES THAT HAVE AN INTERFERENCE FIT. NEVER BEAT A BEARING IN OR OUT.**



## **WHEEL DRIVE BELT REPLACEMENT**

**WHEEL DRIVE BELT:** If belts are worn or damaged, wheels will not drive properly. To replace either belt, proceed as follows:

1. Unhook brake linkage from brake band arm. Located between the rear deck and the rear tire.
2. Unhook traction linkage from bellcrank. The traction linkage connects the traction levers on the handle to the bellcranks on each side of the mower. The bellcranks are located behind the rear tires.
3. Unhook spring from belt guard. Located on the sides of the tank support.
4. Remove belt guard.
5. Loosen bellcrank pivot and belt guard mounting bolts, slide spacers off of bolts to gain clearance for belt removal.
6. Remove belt.
7. To replace belt reverse the procedure and make any needed adjustments.

## **BLADE DRIVE BELT REPLACEMENT (36" & 48" MOWERS)**

**BLADE DRIVE BELT:** If the belt is worn or damaged, blades will not drive properly. To replace this belt, proceed as follows:

1. Close fuel tank shut-off valve and remove spark plug wire.
2. Remove the belt cover from the mower deck.
3. Loosen the snubber bolt on the engagement idler so belt can be removed. The engagement idler is located on the front deck towards the rear. See figure 6 on page 11.
4. Raise the rear of mower and block up the rear tires to gain access to the underside of rear deck.
5. Remove the rear belt shield from the underside of rear deck.
6. Loosen the engine bolts with belt guides and rotate them away from the engine pulley. Belt guides can be seen in figures 4 and 5 on page 10.
7. Loosen the belt guides located around the pulleys on the front deck. Belt guides are 5/16" bolts and must be loosened to remove the belt.
8. Remove belt.
9. To replace belt - reverse the procedure and make any needed adjustments to belt guides or belt tension.

## **AUXILIARY BELT REPLACEMENT (48" MOWERS)**

1. Loosen the auxiliary belt adjusting rod. To relieve tension on the belt. See figure 6 on page 11.
2. Remove belt guides from the center spindle.
3. Remove belt.
4. Reverse procedure for replacement. Adjust belt to proper tension.

## **TRANSMISSION BELT REPLACEMENT (36" & 48" MOWERS)**

1. Blade drive belt must be removed from engine pulley before transmission belt can be removed. See blade drive replacement, use steps 4, 5, and 6. Also see figures 4 and 5 on page 10.
2. Loosen nut on the transmission idler pulley and slide pulley in slot to relieve tension on belt.
3. Remove the belt from the transmission pulley and the engine pulley.
4. Reverse the procedure for replacement.

## **WINTER STORAGE**

To prepare your Husqvarna mower for winter storage, perform the routine maintenance and necessary adjustments and record the part numbers of worn or broken parts so they may be ordered and replaced before the next mowing season. Use only authentic Husqvarna replacement parts to insure proper fit and the safety of your mower is maintained.

Treat the fuel in the tank with a fuel stabilizer (such as STA-BIL). This will minimize the formation of fuel gum deposits during storage. Read and follow the mix ratio on the container. Run the engine for at least 10 minutes after adding the stabilizer to bring it into the carburetor.

These few tips will help make your mower ready when needed for the next mowing season and insure many years of dependable service.

# Maintenance Chart

ITEM	FREQUENCY	REQUIRED SERVICE
Rear Tires .....	Before Each Mowing .....	Inflate to Proper Pressure
Front Tires .....	Before Each Mowing .....	Inflate to Proper Pressure
Underside of Mower Deck .....	After Each Mowing .....	Remove Grass & Debris
Mower Deck .....	Daily .....	Inspect Hardware/Damage
Underside of Rear Deck .....	After Each Mowing .....	Remove Grass & Debris
Blade Pulleys.....	When Removed .....	Loctite to Shaft
Engine Pulley.....	When Removed .....	Anti-seize to Shaft
Front Wheel Bearings .....	Daily .....	Lube With Grease
Caster Shafts .....	Daily .....	Lube With Grease
Engine Oil Level .....	Daily .....	Fill as Needed
Rear Wheels .....	Daily .....	Lube With Grease
Brake Arms .....	Daily .....	Lube With Grease
Engagement Bellcrank .....	Daily .....	Lube With Grease
Transmission Shafts .....	Weekly .....	Lube With Grease
Blades .....	Weekly .....	Replace if Damaged
Engine Air Filters .....	Every 25 Hours.....	See Engine Manual
Engine Oil Change .....	Every 100 Hours.....	See Engine Manual
Linkages & Adjustments .....	100 Hours .....	Inspect/Replace Worn Parts
Fuel Filter .....	100 Hours .....	Replace With New
Winter Storage .....	End of Season.....	See Section on Storage
Drive Wheel Idler Arms .....	Daily .....	Lube With Grease





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