

MAN 4173014
Rev.B 09-2017



MODELS:
932007J

FS481V KAWASAKI 32" CLASSIC PRO
(SN 1914 thru Present)

933007J

FS481V KAWASAKI 36" CLASSIC PRO
(SN 3094 thru Present)

934007J

FS481V KAWASAKI 48" CLASSIC PRO
(SN 3489 thru Present)



OPERATOR'S / PARTS MANUAL

CALIFORNIA PROPOSITION 65



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.



ADVERTENCIA: Cáncer y Daño Reproductivo - www.65Warnings.ca.gov.

WARNING

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

ADVERTENCIA

El estado de California hace saber que los gases de escape de este producto contienen productos químicos que producen cáncer, defectos de nacimiento y otros daños en el proceso de reproducción humana.

IMPORTANT!

It is a violation of California Public Resource Code Section 4442 or 4443 to use or operate the engine on any forest-covered, brush-covered or grass-covered land unless the engine is equipped with a spark arrestor, as defined in Section 4442, maintained in effective working order or the engine is constructed, equipped, and maintained for the prevention of fire.

To acquire a spark arrestor for your unit, see your Engine Service Dealer.

Please refer to the engine manufacturer's information included with the machine.

Labeled power ratings are supplied by the engine manufacturer in accordance with SAE testing and gross/net power rating standards (J1940, J1995, J1349).

IMPORTANT MESSAGE

Thank you for purchasing this Schiller Grounds Care, Inc. product. You have purchased a world class mowing product, one of the best designed and built anywhere.

This machine comes with an Operation and Safety Manual and a separate Setup, Parts and Maintenance Manual. The useful life and good service you receive from this machine depends to a large extent on how well you read and understand these manuals. Treat your machine properly, lubricate and adjust it as instructed, and it will give you many years of reliable service.

Your safe use of this Schiller Grounds Care, Inc. product is one of our prime design objectives. Many safety features are built in, but we also rely on your good sense and care to achieve accident-free operation. For best protection, study the manuals thoroughly. Learn the proper operation of all controls. Observe all safety precautions. Follow all instructions and warnings completely. Do not remove or defeat any safety features. Make sure those who operate this machine are as well informed and careful in its use as you are.

See a BOB-CAT dealer for any service or parts needed. Schiller Grounds Care, Inc. service ensures that you continue to receive the best results possible from Schiller Grounds Care, Inc. products. You can trust Schiller Grounds Care, Inc. replacement parts because they are manufactured with the same high precision and quality as the original parts.

Schiller Grounds Care, Inc. designs and builds its equipment to serve many years in a safe and productive manner. For longest life, use this machine only as directed in the manuals, keep it in good repair and follow safety warnings and instructions. You'll always be glad you did.

Schiller Grounds Care, Inc.
One Bob Cat Lane
Johnson Creek, WI 53038-0469

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NOTICE !!!

Unauthorized modifications may present **extreme** safety hazards to operators and bystanders and could also result in product damage.

Schiller Grounds Care, Inc. strongly warns against, rejects and disclaims any modifications, add-on accessories or product alterations that are not designed, developed, tested and approved by Schiller Grounds Care, Inc.'s Engineering Department. Any Schiller Grounds Care, Inc. product that is altered, modified or changed in any manner not specifically authorized after original manufacture—including the addition of “after-market” accessories or component parts not specifically approved by Schiller Grounds Care, Inc.—will result in the Schiller Grounds Care, Inc. Warranty being voided.

Any and all liability for personal injury and/or property damage caused by any unauthorized modifications, add-on accessories or products not approved by Schiller Grounds Care, Inc. will be considered the responsibility of the individual(s) or company designing and/or making such changes. Schiller Grounds Care, Inc. will vigorously pursue full indemnification and costs from any party responsible for such unauthorized post-manufacture modifications and/or accessories should personal injury and/or property damage result.



This symbol means:
ATTENTION!
BECOME ALERT!

Your safety and the safety of others is involved.

Signal word definitions:

The signal words below are used to identify levels of hazard seriousness. These words appear in this manual and on the safety labels attached to Schiller Grounds Care, Inc. machines. For your safety and the safety of others, read and follow the information given with these signal words and/or the symbol shown above.

DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, **WILL** result in death or serious injury.

WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, **COULD** result in death or serious injury.

CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, **MAY** result in minor or moderate injury. It may also be used to alert against unsafe practices or property damage.

CAUTION

CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, **MAY** result in property damage.



SCHILLER GROUNDS CARE

Model

XXXXXXX

Serial Number

XXXXXXXXXX

Schiller Grounds Care, Inc.
One Bob Cat Lane
Johnson Creek, WI 53038

MODEL NUMBER: This number appears on sales literature, technical manuals and price lists.

SERIAL NUMBER: This number appears only on your mower. It contains the model number followed consecutively by the serial number. Use this number when ordering parts or seeking warranty information.

Located on the right hand side of the engine deck face up.


WARNING





**-MOVING BLADE
CAN CUT**

**-KEEP HANDS AND
FEET AWAY FROM
MOVING PARTS**

**-STOP ENGINE
BEFORE
SERVICING**

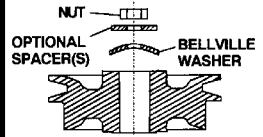
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WARNING



ROTATING PARTS


- STOP ENGINE BEFORE SERVICING.
- DO NOT OPERATE WITH COVER REMOVED.



BLADE BOLT INSTALLATION


- BELLVILLE WASHER MUST BE POSITIONED AS SHOWN.
- SEE OPERATORS MANUAL FOR BLADE HANDLING PROCEDURE.

2000678



ADVERTENCIA

1. Leer el manual del operador. No permitir que personas no capacitadas para ello usen la máquina.
2. Mantener los protectores en su lugar y sus tornillos debidamente fijados.
3. Antes de limpiar, ajustar o reparar este equipo, apagar todos los mandos, aplicar el freno de estacionamiento y apagar el motor.
4. Mantener las manos, los pies y la ropa alejados de las piezas en movimiento.
5. No conducir como pasajero ni llevar pasajeros en máquinas sin asiento para ello.
6. Mantener a las demás personas alejadas durante el funcionamiento de la máquina.
7. Si no sabe leer inglés, solicitarle a otra persona que le lea y explique el contenido de las etiquetas y del manual de la máquina.

340830





**Operator's
Manual**



**Inflate tires
to 14 psi
(1.0 kg/cm²)**

2000673


WARNING



TO CHECK OR ADD FUEL:

- Do it outdoors.
- Stop engine. Allow to cool.
- Do not smoke.
- Clean up spilled fuel.
- Do not overfill.
- Fill to one inch below bottom of filler neck.

2000570

R

N

1

2


3

4

5

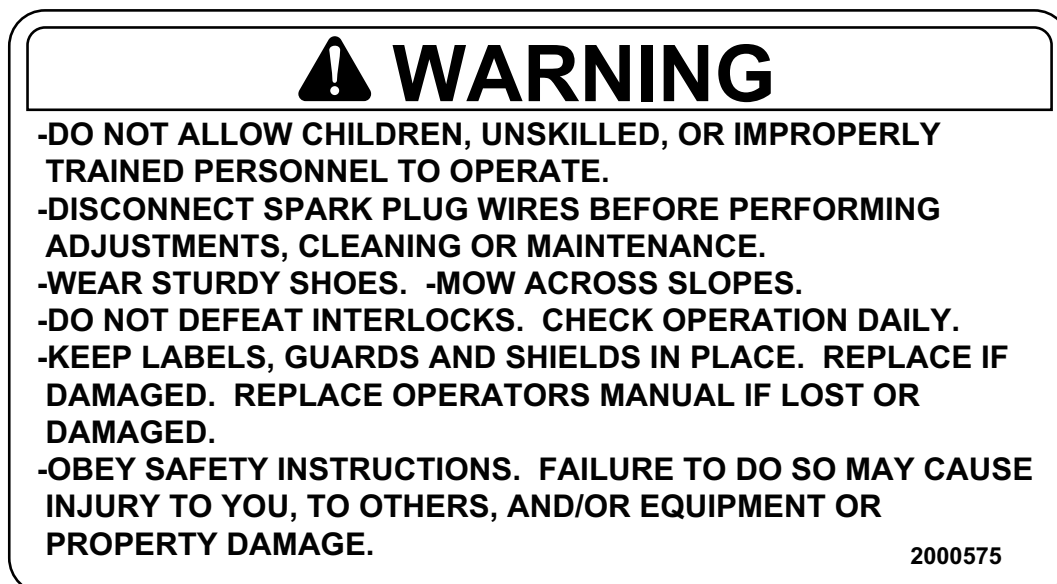
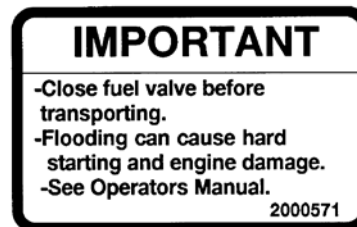
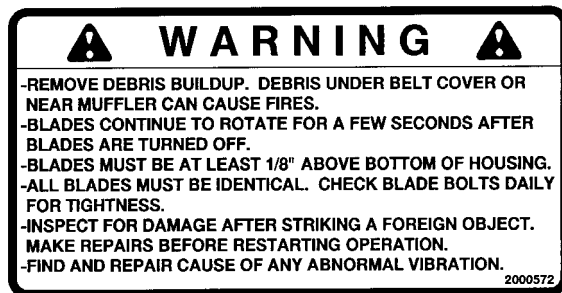
PUT TRACTION CONTROLS IN NEUTRAL BEFORE SHIFTING OR TRANSMISSION FAILURE MAY RESULT

4124261


WARNING

PUT TRACTION CONTROLS IN NEUTRAL BEFORE SHIFTING TO PREVENT LOSS OF CONTROL. SEE OPERATORS' MANUAL.

5



Before using machine for the first time, check engine and gearbox fluid levels and lubricate all points.

TRAINING

- a) Read the operator's manual carefully. All rotary grass cutters are potentially dangerous. No person should operate the machine unless they are familiar with the controls and the proper use of the machine.
- b) Never allow children or people unfamiliar with these instructions to use the mower. Local regulations may restrict the age of the operator.
- c) Keep the area of operation clear of all persons, particularly small children, and pets.
- d) Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.



PREPARATION

- a) Do not operate the equipment when barefoot or wearing open sandals. Always wear substantial footwear and long trousers.
 - b) Wear hearing protection.
 - c) Thoroughly inspect the area where the equipment is to be used and remove rocks, toys, wire or other debris which may be picked up or thrown by the machine.
 - d) Gasoline is flammable; gasoline vapors are explosive. Use extra care when handling.
- Store only in containers specifically designed for fuel.
 - When refueling or checking fuel level:
 - Stop the engine and allow to cool;
 - Do not smoke;
 - Refuel outdoors only;
 - Use a funnel;
 - Do not overfill;
 - If fuel is spilled, do not attempt to start the engine until the spill is cleaned up and vapors have cleared.
 - Do not fill containers in a vehicle or on a truck or trailer bed with a plastic liner. Fill containers on the ground away from the vehicle.
 - When practical, remove gas powered equipment

from the truck or trailer and refuel it on the ground. If equipment must be refueled on the truck or trailer, refuel from a portable container rather than a dispenser nozzle.

- Keep the dispenser nozzle in contact with the rim of the fuel tank or container opening until fueling is complete. Do not use a nozzle lock-open device.
 - Replace caps on fuel cans and tanks securely.
- e) Replace faulty mufflers.
 - f) Before using, always visually inspect to see that the blades, blade bolts and cutter assembly are not worn or damaged. Replace worn or damaged blades and bolts.
 - g) On multi-bladed machines, take care as rotating one blade can cause other blades to rotate.
 - h) Disengage the self-propelled mechanism or drive clutch on units so equipped before starting the engine (motor).
 - i) Never attempt to make adjustments while the engine (motor) is running.
 - j) Never operate the equipment in wet grass. Always be sure of your footing; keep a firm hold on the handle and walk; never run.



OPERATION

- a) Do not operate the engine in a confined space where dangerous carbon monoxide fumes can collect.
- b) Mow only in daylight or in good artificial light.
- c) Always be sure of your footing on slopes.
- d) Walk, never run.
- e) With walk behind machines, mow across the slopes, not up and down.
- f) Exercise extreme caution when changing direction on slopes.
- g) Do not mow excessively steep slopes.
- h) Use extreme caution when reversing or pulling the mower towards you. Be sure the area behind is clear.
- i) Stop the blades if the mower has to be tilted for transportation, when crossing surfaces other than grass and when transporting the mower to and from the area to be mowed.
- j) Never operate the mower without proper guards, plates, grass catcher or other safety protective devices in place.
- k) Do not change the engine governor settings or overspeed the engine.
- l) Disengage all blades and drive clutches before starting the engine.
- m) Start the engine or switch on the motor carefully according to instructions and with feet well away from the blades.
- n) Do not start the engine when standing in front of the discharge chute.
- o) Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
- p) Never pick up or carry a mower while the engine is running.
- q) Stop the engine, wait for the blades to come to a complete stop, and disconnect the spark plug wire:
 - before clearing blockages or unclogging chute.
 - before checking, cleaning or working on the mower.
 - after striking a foreign object. Inspect the mower for damage and make repairs before restarting and operating the mower.
 - if mower starts to vibrate abnormally (check immediately for the cause). Vibration is generally a warning of trouble.
- r) Stop the engine:
 - whenever you leave the mower.
 - before refuelling.
- s) Shut the engine (motor) off and wait until the blade comes to a complete stop before removing the grass catcher.
- t) Reduce the throttle setting during engine shut down and, if the engine is provided with a shut-off valve, turn the fuel off at the conclusion of mowing.
- u) Go slow when using a trailing seat.
- v) Keep washout ports and other mower-housing service openings closed when mowing.
- x) Do not engage blades at full throttle. Use engine speed halfway between idle and full throttle.
- y) Do not start the cutting blades until you are ready to start mowing.
- z) Do not carry passengers.
- aa) Do not operate where flying debris may injure people or damage property. Keep people and pets at a safe distance.
- ab) Do not use if there are any doubts about safety.
- ac) Keep labels, guards and shields in place. Replace operators manual if lost or damaged.
- ad) Obey safety instructions. Failure to do so may cause injury to yourself or others.
- ae) Do not defeat interlocks. Check operation daily.
- af) Do not allow children, unskilled or untrained persons to operate machine.



OPERATING ON SLOPES

USE EXTRA CARE WHEN WORKING ON SLOPES

- With walk behind machines, mow across slopes, **not** up and down. With ride-on machines, mow up and down slopes, **not** across, except for zero turn machines. Zero turn machines should mow across slopes.
- Be alert to dips and rises which change the general slope. Watch for holes, rocks and roots in the terrain and other hidden hazards. Keep away from drop offs. Avoid ground conditions which will cause the machine to slide.
- If the operator is uncomfortable or unsure of the machines stability, operation on these slopes should cease immediately.
- The ultimate responsibility for safe operation on slopes, rests with the operator.
- Use lower speeds and exercise extreme caution on slopes and especially in sharp turns to prevent tipping and loss of control. Use extra caution when changing direction on slopes.



LEAVING THE DRIVING POSITION

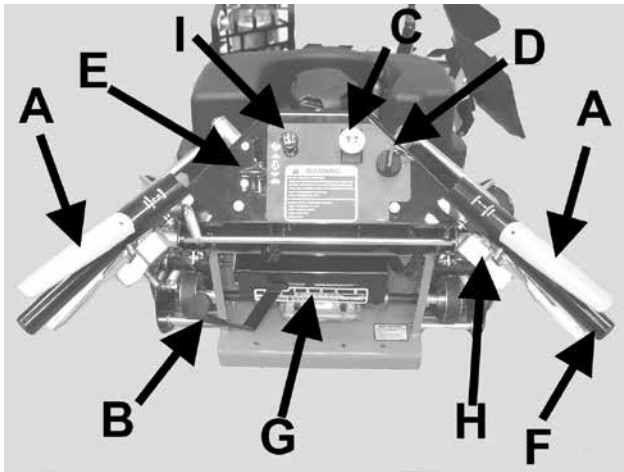
Park the machine on level ground. Before leaving the driving position, stop the engine, make sure all moving parts are stationary and that the traction control levers are in the neutral position. Apply parking brake, if so equipped.

MAINTENANCE AND ADJUSTMENTS

- Disconnect spark plug wire(s) before doing any maintenance.
- Particular care must be taken when adjusting the carburetor while the engine is running. Keep hands and feet clear. Shut off PTO.
- When working underneath lifted parts or machines, make sure adequate support is provided.
- Do not dismantle the machine without releasing or restraining forces which can cause parts to move suddenly.
- Keep all nuts, bolts and screws tight to be sure the equipment is in safe working condition.
- Check the grass catcher frequently for wear and deterioration.
- Replace worn or damaged parts for safety.

STORAGE

- Never store the equipment with gasoline in the tank inside a building where fumes may reach an open flame or spark.
- Allow the engine to cool before storing in any enclosure.
- To reduce the fire hazard, keep the engine, muffler, battery compartment (if equipped) and gasoline storage area free of grass, leaves or excessive grease.
- If the fuel tank has to be drained, this should be done outdoors.
- Use only replacement parts supplied by the original manufacturer.



OPERATOR PRESENT CONTROL LEVERS (A)

Hold operator present (OP) control levers **A** down for blade operation and to shift transmission out of neutral. If the PTO switch is engaged or if the transmission is shifted out of neutral and the OP control levers **A** are not held down, the engine will kill.

SHIFT LEVER (B)

Forward, neutral and reverse speeds are selected by moving the shift lever **B** to the desired position indicated on the gear selector plate **G**. The higher numbers in forward indicate faster speeds.

PTO SWITCH (C)

- Drive to the cutterdeck is engaged when the PTO switch **C** is pulled up toward the operator (ON) and disengaged by pushing the PTO switch back down (OFF).
- Disengage drive to cutting blades whenever you stop or leave the operators position.
- Shut off engine and remove spark plug wire before making adjustments or unplugging mower.
- DO NOT START CUTTING BLADES UNTIL READY TO START MOWING.

KEYSWITCH (D)

Turn key clockwise, to allow engine to be started. Turn key counterclockwise to stop engine.

THROTTLE (E)

By moving the throttle lever forward towards the engine, engine speed is increased until the maximum governed R.P.M. is obtained at the detent. By moving the throttle lever back, the engine will idle down.

CHOKE (I)

Pull to close choke. Push to open choke.

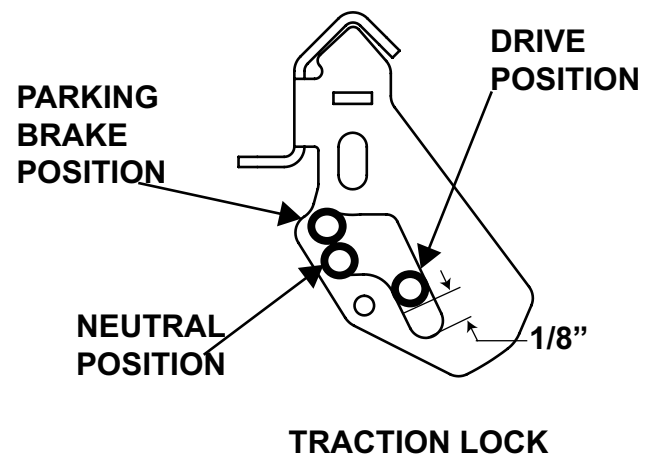
TRACTION CONTROL LEVERS (F)

The traction control levers have five functions:

1. To provide a neutral position to maneuver the machine manually. See Traction Lock illustration below.
2. To engage drive to the wheels—gradually release the traction control levers to take up the drive.
3. To apply the brakes—pull the traction control levers up until the brakes engage.
4. To steer the unit, pulling the RH lever will initiate a RH turn and the LH lever a LH turn.
5. To engage parking brake: Pull the traction control levers all the way up into the brake position. Push down on traction lock **H** with thumb and rotate to lock in brake position. Each wheel works independently of each other. Both locks must be in same position (either NEUTRAL or PARKING BRAKE) to work properly.

NOTES:

- Both traction control levers must be released at the same time in order to go straight ahead. Using one traction control lever will cause the machine to turn to one side.
- When using the traction locks to provide a neutral position be sure the traction control rods are fully seated in the Neutral Position of the traction locks. Failure to do this may result in serious injury.
- When using traction locks **H**, push down with thumb for easier operation.



BEFORE STARTING THE ENGINE

- Disengage cutterdeck drive.
 - Lock traction locks in neutral/parking brake position.
 - Shift gearbox to neutral.
1. Check the oil level and add if necessary. Open the fuel valve under the middle of the fuel tank.
 2. For cold starts, pull knob (I) to choke.
 3. Pull the rope operated recoil starter firmly to start the engine. Allow the rope to recoil slowly before releasing the handle.
 4. As soon as the engine starts, gradually push in until the engine is warm enough to run with no choke at all.

OPERATING THE MACHINE

- Practice at slow engine and gearbox speeds with the blade control disengaged until completely familiar with the controls.
- For normal use the throttle should be kept fully open. By using the gearshift lever to speed up or slow down the machine during use, maximum control and cutting efficiency can be maintained.
- Using the machine at less than full throttle in heavy conditions will cause the engine to labor and result in excessive wear.
- For maneuvering where the gearbox does not give the required speed, partial throttle may be used.
- Steering is controlled by the operation of the traction control levers. To steer the machine to the left, disengage drive to the LH wheel by pulling up the LH traction control lever. To steer to the right, disengage drive to the RH wheel by pulling up the RH traction control lever.
- To shift into gear or change speeds, depress the operator present controls then raise the traction control levers to the neutral position to disengage the drive to both wheels and remove the load from the drive system. Shift to the desired speed.

IMPORTANT:

The Peerless Model 700 transmission installed in this machine will provide good service. Like any manual transmission the Peerless Model 700 must be declutched when it is shifted. Failure to declutch the wheel drive with the traction control levers when shifting can cause failure of the shifting mechanism. Such abusive failure is not covered under warranty by either Schiller Grounds Care, Inc. or Peerless.

- Abusive failure of the shifting mechanism is easy to spot. Units will produce a ratcheting or clicking sound when shifted into gear and the machine will not move. Upon disassembly of the gearbox, shifter keys will show rounded corners, or units will become difficult to shift due to burrs on the shifter keys. Attempts to force the machine to shift may bend the shifter fork assembly.

FUEL TANK



WARNING GASOLINE IS HIGHLY FLAMMABLE!

- Fill fuel tank with good quality, clean, regular unleaded gasoline.
- Do not use hi-test fuel.
- Do not smoke.
- Do not spill fuel.
- Fill outdoors.
- Do not overfill. Fill to 1" below bottom of filler neck to allow room for expansion.
- USE A FUNNEL TO FILL GAS TANK.

DRIVING THE MACHINE IN TRANSPORT

1. Disengage cutterdeck with PTO switch. Depress the operator present controls. Move the gearshift lever to give the desired forward speed.
2. Release the traction locks and gradually engage both traction control levers together.

NOTE: Engaging only one traction control lever will cause the machine to turn to one side.

CUTTING WITH THE MACHINE

1. Put the discharge chute in position or correctly fit a grass collector or mulching plate before starting to cut.
 2. Depress the operator present controls.
 3. Engage the cutterdeck with PTO switch (Do not engage blades at full throttle. Use engine speed halfway between idle and full throttle).
 4. Increase engine speed to maximum governed RPM.
 5. Move the gearshift lever to the required cutting speed. Release the traction locks and gradually engage both traction control levers together.
 6. Operate so that clippings are discharged onto the area that has been cut. This will result in a more even distribution of clippings and more uniform cutting.
- When mowing large areas, start by turning to the right so that clippings will be discharged away from shrubs, fences, driveways, etc. After two or three rounds, mow in the opposite direction, left hand turns, until finished.
 - If grass is extremely tall, it should be mowed twice, the first cut relatively high, the second cut to the desired height.
 - Use the left side of the mower for trimming.

TO STOP THE MACHINE

1. Pull traction control levers up until brakes engage.
2. Engage the traction locks to parking brake position.
3. Disengage the cutterdeck with PTO switch.
4. Shift transmission to neutral.
5. Close the throttle to slow the engine, turn engine off with the keyswitch.

NOTE: When the machine is transported by truck or trailer or left to stand unused, the fuel valve (under the fuel tank) should be turned off. This avoids the possibility of flooding should any dirt get under the carburetor float needle. Leaving the fuel valve open can allow severe flooding which may ruin the engine by diluting the oil.

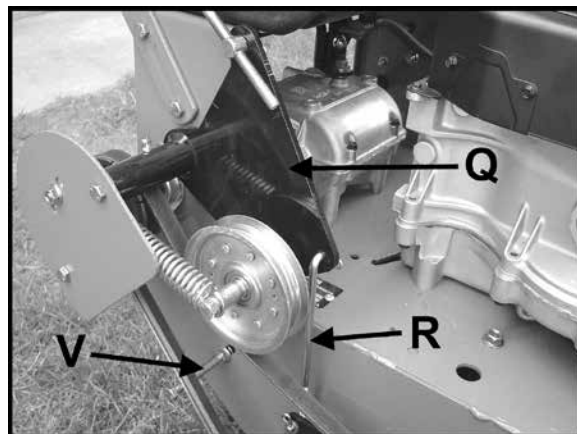
WARNING

PREVENT INJURY OR PROPERTY DAMAGE FROM THROWN OBJECTS OR FROM CONTACT WITH THE BLADE

- Keep body parts away from blades.
- Stop engine and let blades stop before removing grass collector or unclogging chute.
- Keep area clear of people and pets.
- Remove objects blade may strike and throw.
- Stop blades to cross gravel areas.
- Do not operate without chute, mulcher or entire grass collector in place.

Make all adjustments with the engine shut off, spark plug wire disconnected and mower drive disengaged.

The cutting height is determined by the position of the blades in relation to the wheels. Variation to this height may be made at TWO points. (See HEIGHT OF CUT CHART on page 12.)

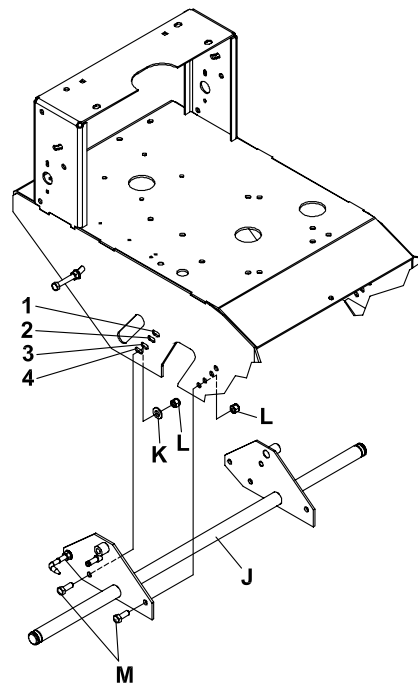


1. THE AXLE POSITION

1. Support the rear of the unit with jackstands or other suitable means.
2. Remove brake rod **R** from bellcrank **Q**.
3. Remove (4) bolts **M**, (2) washers **K** and (4) nuts **L**.
4. Place the axle **J** in the desired position according to the Height of Cut Chart on page 12.
5. Install the bolts, washers and nuts removed in step 3.

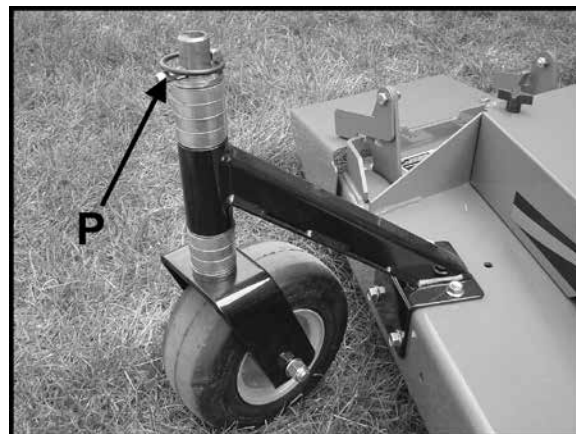
NOTE: Install the washers **K** on the bolts in the slots.

6. Install the brake rod **R** onto bellcrank **Q**.
7. Adjust brakes and belt guide **V** as shown in the ADJUSTMENT section.

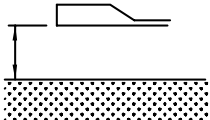
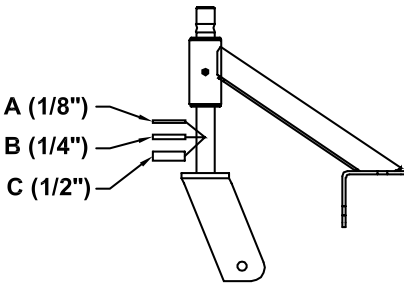
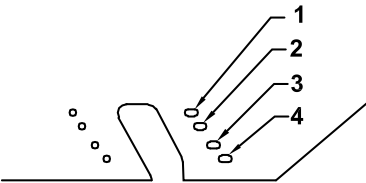


2. THE CASTER WHEELS

1. Remove the quick pin **P** from the top of the caster wheel pivot spindle.
2. Place required spacers above or below wheel support bracket and replace the quick pin **P**.



HEIGHT OF CUT CHART

HEIGHT OF CUT CHART				
				
CUTTING HEIGHT (INCHES)	A	B	C	AXLE POSITION
1.50	1	0	1	1
1.75	0	1	1	1
2.00	0	0	2	1
2.25	0	1	2	2
2.50	1	0	3	2
2.75	0	1	3	2
3.00	0	0	4	3
3.25	1	1	4	3
3.50	0	0	5	3
3.75	0	1	5	3
4.00	0	0	6	4
4.25	0	1	6	4
4.50	1	0	7	4

NOTE: Use only these combinations of settings. If any other setting is used, quality of cut will suffer because of wrong blade angle. These height of cut charts were developed in a controlled workshop environment. Slight variations can occur in the field, depending on tire pressures, etc. Make sure front of blade is lower than back of blade to prevent double cutting. Adjustment is provided by removing 1/8" washer beneath caster support.

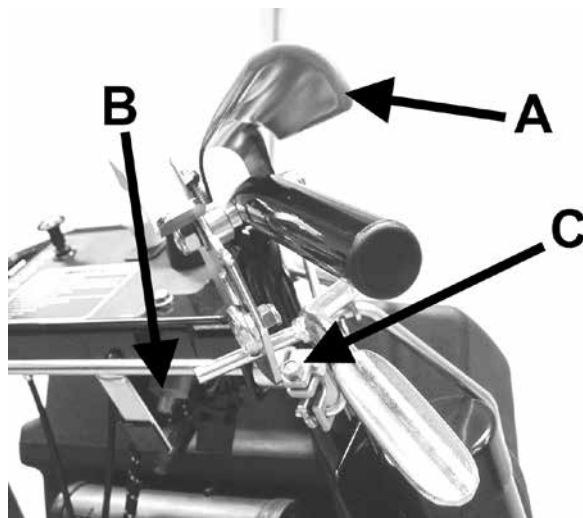
Make all adjustments with the engine shut off, spark plug wire disconnected and mower drive disengaged.

OPERATOR PRESENT CONTROL LEVERS

The operator present (OP) control levers should be adjusted to control the operation of the plunger of the operator present switch **B** (located under the right side of the control panel). Depressing OP control levers **A** should depress the plunger; releasing the levers should extend it.

TO ADJUST:

1. Loosen clamp bolts **C** on both ends so clamps can rotate on shaft.
2. Rotate actuator lever to depress switch plunger. Keep OP control levers against handles and tighten bolts **C**.
3. When released, the OP control levers **A** should rise and the actuator lever should rotate away from the switch, allowing the switch plunger to extend completely.

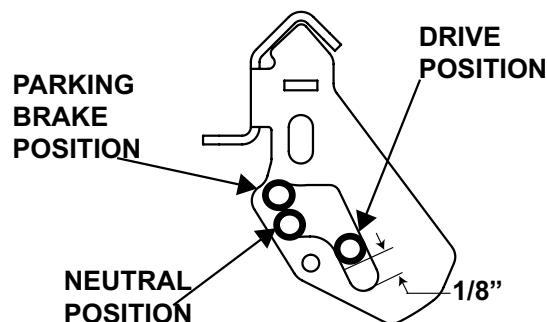


TRACTION RODS AND WHEEL BELT TENSION

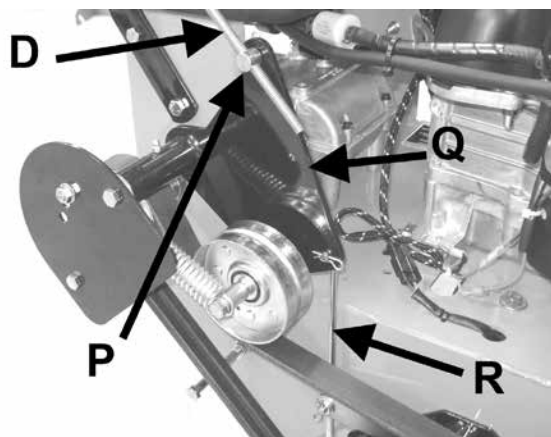
There should be a 1/8" minimum gap between the traction control rod and the bottom of the drive slot when the drive is engaged and the traction control lever is pushed down. If there is no gap the rod will hold the wheel belt idler up and the belt may slip. Too much gap makes it difficult to get adequate braking and free-wheeling neutral when traction locks are in the neutral position. The gap may be increased from 1/8" as long as the machine will free wheel in neutral. Increasing the gap reduces the reach to the traction lever.

TO ADJUST:

1. Disconnect the brake rod **R** with the traction control lever in the drive position.
2. Remove hairpin cotter from the swivel **P** on the traction control rod **D**.
3. Lift out the rod and turn the swivel in or out obtain a 1/8" gap on the traction control lever in the drive position.
4. Refit the swivel to the idler bellcrank **Q** and replace the hairpin cotter.
5. Check the gap with traction control lever pressed down in the drive position. If it is still not 1/8", repeat the procedure until an approximate 1/8" gap is obtained.
6. Reconnect the brake rod. (See Traction Brake section).

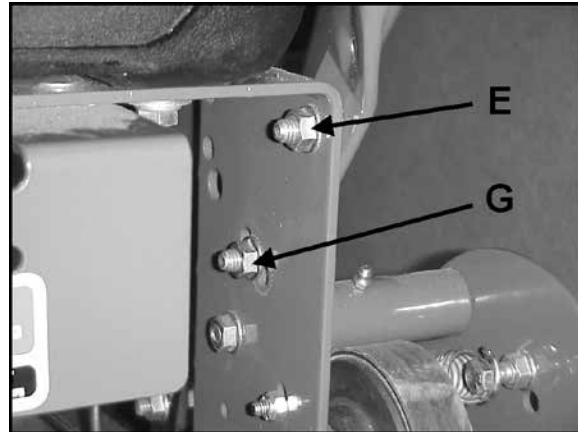


TRACTION LOCK



UPPER HANDLE HEIGHT ADJUSTMENT

To adjust upper handle height: Remove the traction control rods. Remove bolts **G** and loosen bolts **E** on each side of the lower handle. Raise or lower as required. Reposition upper handle and reinsert bolts **G** into appropriate hole in lower handle and tighten. Readjust traction control rods, brakes and parking brakes.

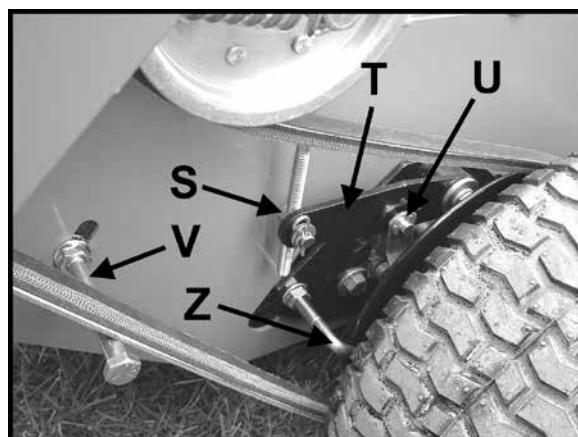
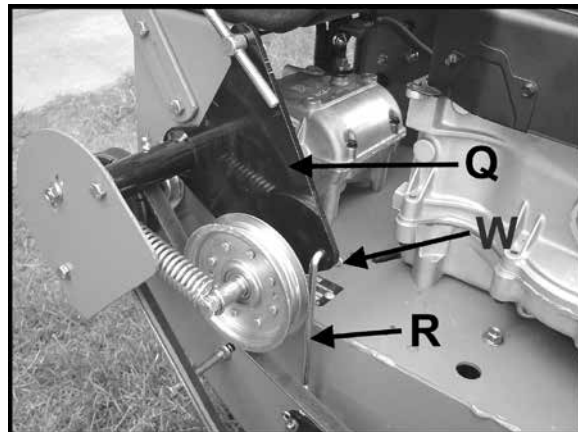


TRACTION BRAKES/PARKING BRAKES

With the traction control rods properly adjusted, apply both parking brakes and try to push the machine forward. If one or both wheels rotate, adjust the corresponding brake(s).

TO ADJUST:

1. Set the traction control lever in the neutral position.
2. Remove the hairpin cotter **W** from the brake rod **R** on idler bellcrank **Q**.
3. Adjust the brake rod by turning it in or out of the swivel pin on the brake arm until it just goes into the bellcrank hole.
4. Reassemble the brake rod to the bellcrank.
5. Check the adjustment. **DO NOT OVER ADJUST.** If necessary, repeat the procedure until the correct adjustment is achieved.
6. If adequate adjustment can not be achieved with the brake rod, the links **U** between the brake arm **T** and brake band may be moved to a different hole in the brake arm.
7. Adjust belt guide **V** to remove any sag in the drive belt between the drive pulley and the wheel pulley.



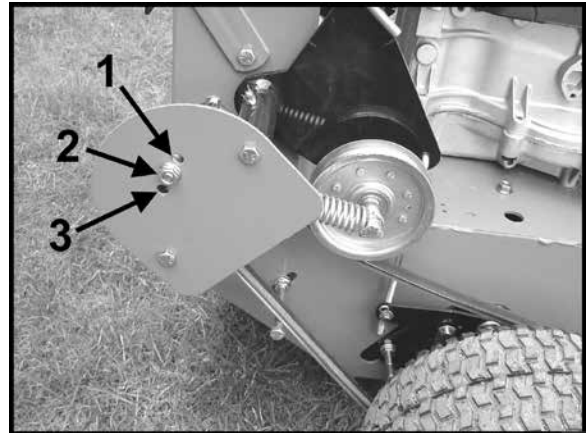
When the brakes are properly adjusted the machine can be freely maneuvered with the traction control levers in the neutral position. If not, the brakes have been over-adjusted and have to be backed off.

NOTE: Clean inner groove of wheel drive pulley and belt daily for better drive and neutral. Accumulation of grass, mud or other debris in pulley groove can affect declutching. Set mud scraper **Z** at each wheel drive pulley to angle down to catch debris.

DRIVE BELT TENSION ADJUSTMENT

Drive belt tension can be adjusted to one of three settings to account for various mowing conditions.

1. Adjust by moving the spring anchor bolt to position 1, 2 or 3.
 - Position 1 will provide the least amount of hand effort and wheel traction.
 - Position 3 will provide the highest amount of hand effort and wheel traction.



TIRE PRESSURE ADJUSTMENT

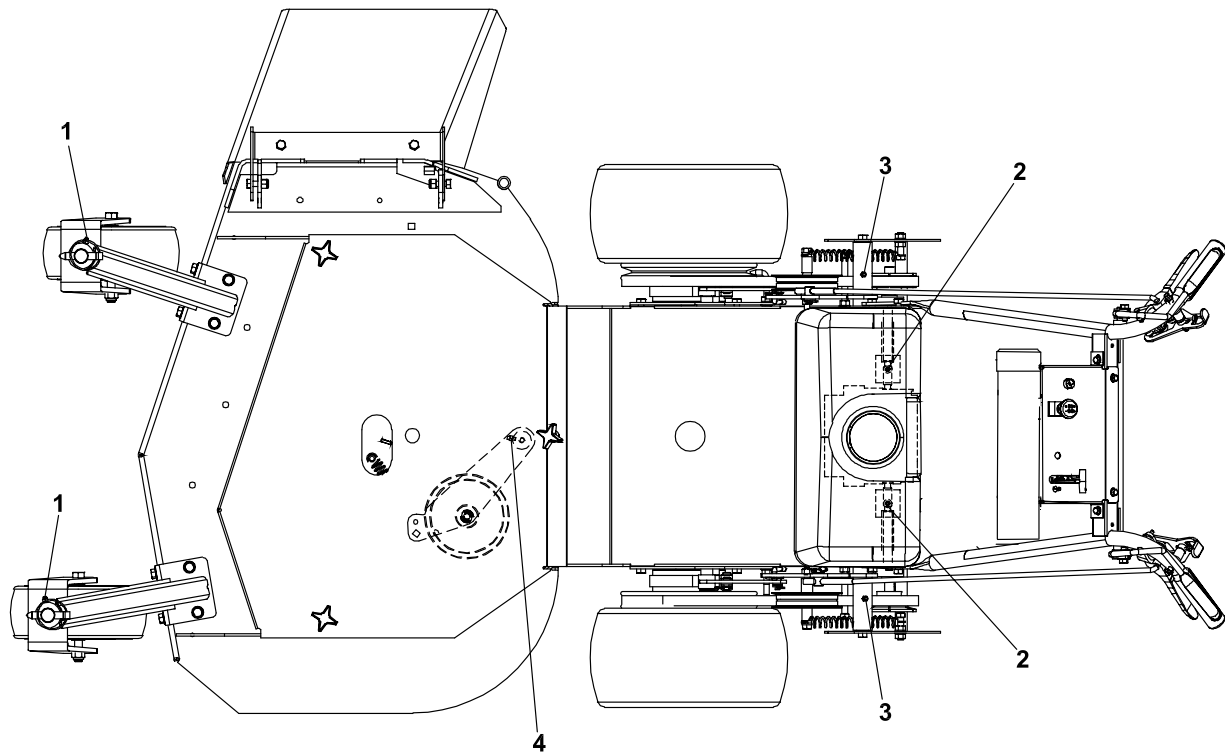
Tire pressures should be maintained at 14 psi (96 kPa).

NOTE: Adjusting tire pressure between 10 psi (69 kPa) and 28 psi (193 kPa) can improve tracking. Increase pressure on the side the machine tracks toward and decrease it on the other side.

MACHINE LUBRICATION

Every 50 Working Hours - Lubricate the following points with grease:

- 1) Caster wheel pivots (2 points)
- 2) Shaft Couplers (2 points)
- 3) Drive Wheel Bellcranks (2 points)
- 4) Idler pivot bearing



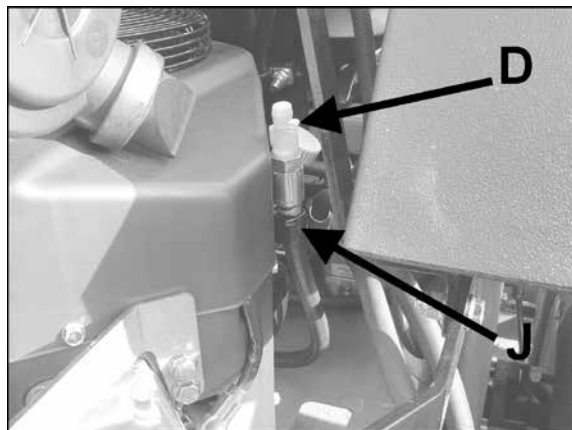
ENGINE OIL

Do not perform engine maintenance without the engine off, spark plug wires disconnected and PTO disengaged.

AFTER FIRST FIVE (5) HOURS

While the engine is warm:

1. Release the oil drain hose assembly from the engine clip **J**. Lay hose assembly over the frame edge or through the frame cutout, which ever is most convenient.
2. Remove the rubber cap **D** from the tip of the hose assembly and turn the drain valve to allow oil to drain from the engine. Dispose of used oil in accordance with local requirements.
3. Clean drain valve and tighten the plastic portion of the drain valve back into the metal portion of the valve. Replace rubber cap over the tip of the valve. Replace hose assembly back into engine clip.
4. Change oil filter.
5. Fill the crankcase with fresh oil to the full mark. Do not overfill. See engine manual for oil specifications.



PERIODIC OIL CHANGES

1. See engine manual for oil and filter change intervals after the break-in period.
2. Follow instructions for first oil change, above.

DAILY

1. Check oil level with the dipstick.
2. If oil is needed, add fresh oil of proper viscosity and grade. See engine manual for oil specifications. Do not overfill.
3. Replace dipstick before starting engine.

CLEANING MACHINE

Clean the machine after use. The machine will run cooler and last longer if kept free of clippings and other debris. A clean machine also reduces the risk of fire due to accumulation of combustible debris and chaff

Brush or blow clippings and debris off the cutterdeck and engine deck.

WASHING MACHINE

CAUTION: Improperly washing a machine can cause water to enter bearings and other components. This can greatly reduce component life.

- Do not use a pressure washer. Do not direct water at bearings or seals. High pressure water can blow past seals and enter seal bearings.
- Allow the machine to cool down before washing. Water on a warm machine can be sucked into sealed bearings as they cool.
- Avoid getting electrical connections wet. Water can cause electrical faults and corrosion of electrical components.

ENGINE - KAWASAKI

The maintenance schedule detailed is for average operating conditions. Under extreme conditions (dusty, dirty or more than 8 hrs continuous use) maintain more frequently.

Cooling Fins and Air Intake screen (daily)

Ensure that the cooling fins and air intake screen **W** are cleaned daily. Continued operation with a clogged cooling system will cause severe overheating and result in engine damage. Compressed air may be used to clean the intake.

Air Cleaner

Dual element air cleaners have a paper air cleaner element **Z** with an oiled, foam precleaner element **V** on the dirty side of the paper element. Both should be inspected regularly and maintained.

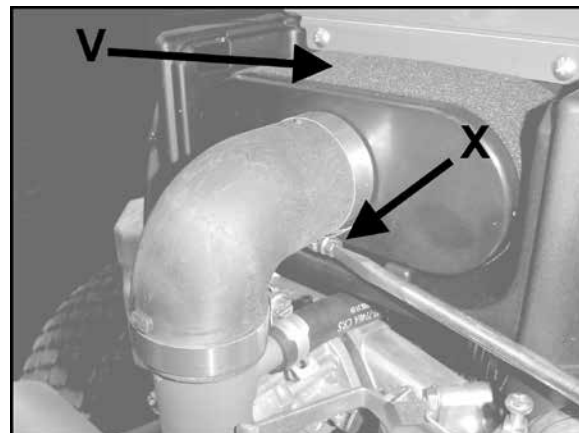
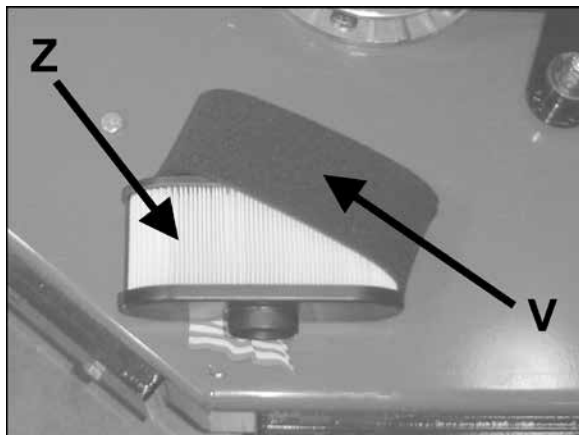
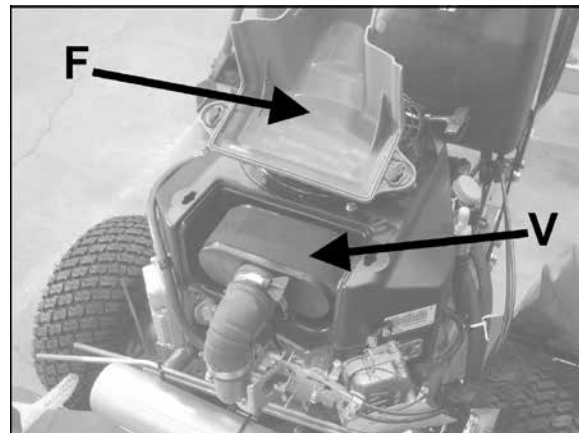
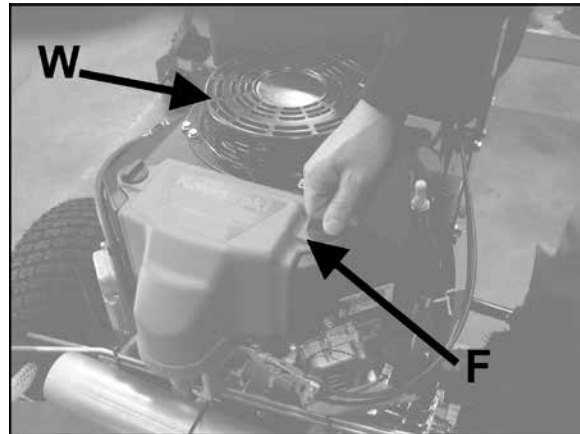
Clean and re-oil precleaner element every 25 hours (more often under dusty conditions).

1. Turn knobs 1/4 turn counter-clockwise to remove air cleaner cover. **F**.
2. Loosen clamp **X** to remove air cleaner assembly.
3. Remove and wash precleaner **V** with kerosene or liquid detergent and water.
4. Wrap precleaner **V** in a cloth and squeeze to remove excess cleaning agent.
5. Saturate precleaner **V** with new engine oil and squeeze to remove excess oil.

Every 100 hours (more often under very dusty or dirty conditions), check the paper cartridge **Z**.

- Clean by tapping gently.
- Do not wash the cartridge or use compressed air
- Replace when cartridge is dirty, bent or damaged.

6. Reinstall precleaner **V** over paper cartridge **Z**, reinstall air cleaner assembly, tighten clamp **X**, and reinstall cover **F**.



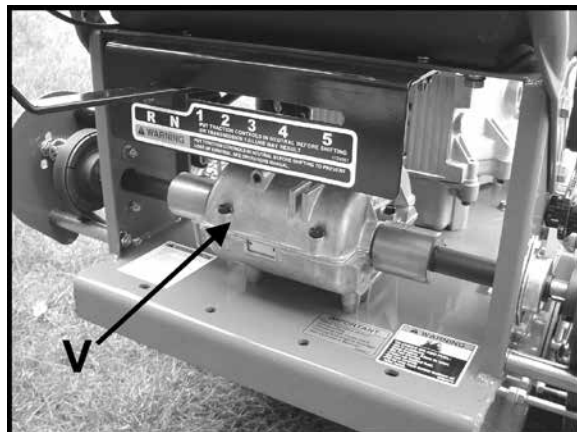
GEARBOX

Check every 500 hours to ensure proper lubrication. 12 oz. is capacity of gearbox.

To check level:

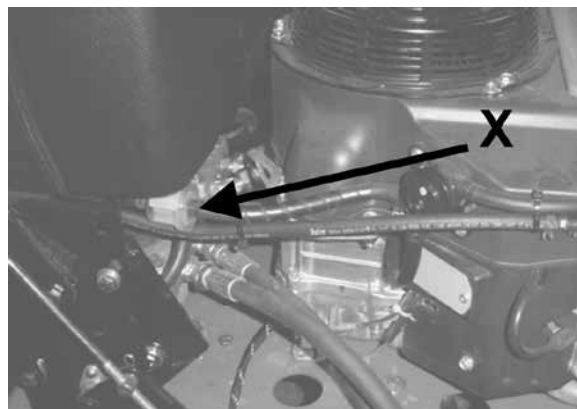
Remove top cover **V**, 12 oz. of grease will fill 1/3-1/2 of the bottom 1/2 of gearbox. Only add Bentonite grease-available from your Peerless dealer.

If you are not comfortable with the steps above, contact your BOB-CAT dealer.



INLINE FUEL FILTER

When required, the fuel filter **X** may be replaced. See the Parts Section for service part numbers.



SPARK PLUG

- Remove plug and check condition.
- Good operating conditions are indicated if the plug has a light grey or tan deposit. A white blistered coating may indicate overheating. A black coating usually means an “over rich” fuel mixture caused by a clogged air cleaner or improper carburetor adjustment. Do not sandblast, wire brush or otherwise try to clean a dirty plug. Best results are obtained with a new plug.
- See engine manufacturers manual for proper spark plug gap.

BLADE SHARPENING

Blades may be sharpened by filing or grinding, but with either method the balance of the blades must be maintained at 5/8 oz/in or less. Failure to maintain balance causes excess vibration, wear and shortened life of not only the blades, but most all components of the machine. To balance a blade after sharpening: attach 1/8 oz of weight 5" from center on the light end. This should make the light end the heavy end. If it does not: file or grind the heavy end until the addition of weight makes the light end the heavy end.

NOTE:

- Do not overheat or weaken the blades.
- Do not straighten bent blades. Replace with new BOB-CAT blades.
If lift portion of blade is worn thin replace with a new BOB-CAT blade.
- ALWAYS replace with BOB-CAT blades—do not use another manufacturer's blades as this could be dangerous.
- Replace cracked or bent blades.

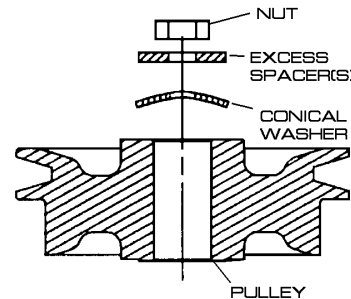
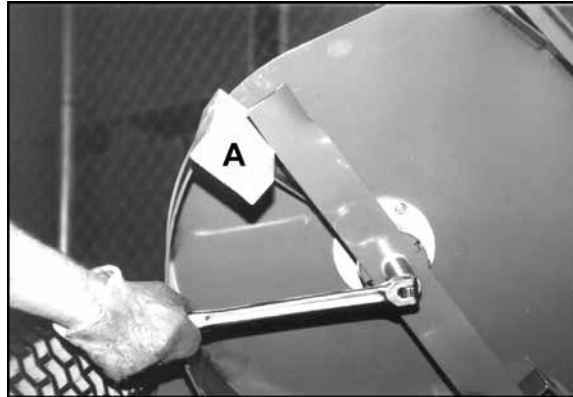
BLADE REMOVAL

1. Use a box wrench or socket with a long breaker bar to remove spindle bolt under cutterdeck.
2. Slip tube over breaker bar or wrench if necessary to gain leverage.
3. Keep hands clear as blades may rotate when bolt releases.
4. When changing blades, wear thickly padded gloves.
5. Block blades from turning by using a piece of wood.
6. Follow these instructions to prevent injury when bolt releases.

NOTE: To prevent blade from turning, place block of wood at location **A**, with grain perpendicular to blade.

BLADE RE-INSTALLATION

1. Place the desired number of spacers (no more than 2) on the spindle bolt below the cutterdeck between the blade and spindle shaft.
2. Insert the cutter spindle bolt (from bottom) complete with washer, blade and spacers.
3. Place remaining spacer(s) on the spindle bolt above the cutterdeck between the conical washer and nut (as shown). Replace nut and tighten to 70 ft-lbs.



Cutterdeck Pulley Assembly

NOTE: CHANGE ENGINE OIL AND FILTER AFTER FIRST 5 HOURS OF OPERATION.

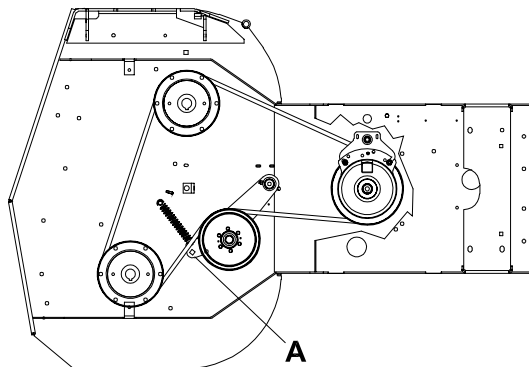
SERVICE OPERATION	FIRST 5 HOURS	DAILY	EVERY 25 HOURS	EVERY 50 HOURS	EVERY 100 HOURS	EVERY 500 HOURS
ENGINE						
Check Oil Level		X				
Check for Oil & Air Leaks		X				
Clean Air Intake		X				
Clean Air Cleaner		X				
Change Oil & Filter*	X	SEE ENGINE MANUFACTURER'S MANUAL*				
Check Fuel Filter				X		
Replace/Adjust Spark Plug	SEE ENGINE MANUFACTURER'S MANUAL					
GEARBOX						
Check Oil Level						X
MACHINE						
Check Tire Pressures		X				
Check Belt Tensions	CHECK AFTER FIRST 1/2 HR AND AFTER FIRST 4 HRS			X		
Lubricate All Points				X		

Consult the manufacturer's manual for your engine for further information and instructions.

This image shows a blank sheet of white paper with horizontal black ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

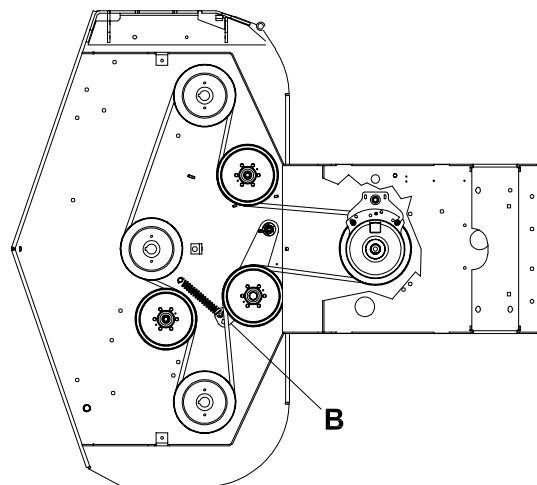
32" & 36" CUTTERDECK PTO BELT

1. Rotate idler arm **A** counterclockwise using a 3/8" ratchet or breaker bar and remove belt.
2. Install belt as shown.



48" CUTTERDECK PTO BELT

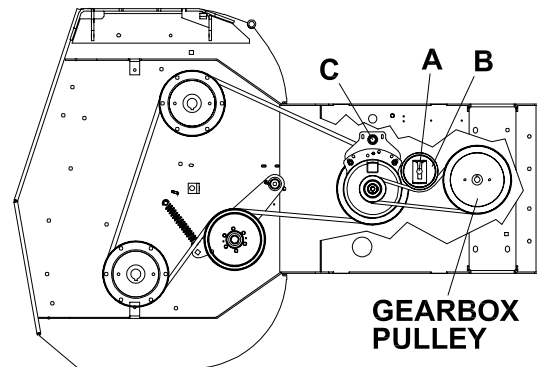
1. Rotate idler arm **B** counterclockwise using a 3/8" ratchet or breaker bar and remove belt.
2. Install belt as shown.



GEARBOX-DRIVE BELT

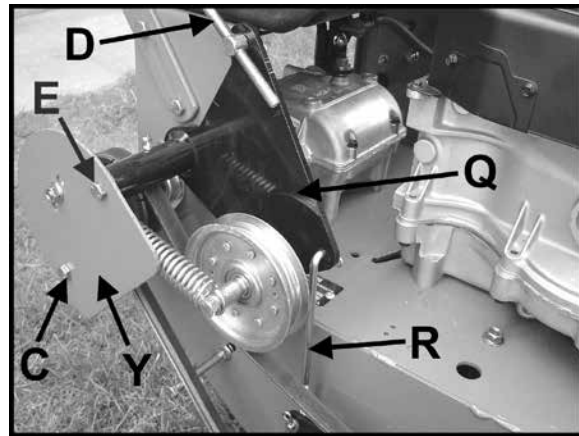
1. Loosen nut on carriage bolt **A**.
2. Slide idler pulley **B** away from belt.
3. Unbolt clutch stop pin **C**.
4. Remove PTO belt.
5. Remove gearbox drive belt.
6. Replace by following steps in reverse order.

NOTE: Push idler pulley B toward gearbox drive belt until gearbox drive belt is snug.



WHEEL-DRIVE BELT

Remove brake rod **R** and traction control rod **D** from bellcrank **Q**. Remove bottom bolt **C** and spacer from fender **Y** and loosen the bolt **E** that holds bellcrank. Rotate bellcrank and idler up and out of the way. The wheel drive belt will be slack enough to be removed from its pulleys and passed over the drive wheel. Replace in the reverse order, readjust traction control rod and brake rod. (Also see Traction Rods and Wheel Belt Tension in ADJUSTMENTS section.)



CONSTRUCTION:

10 AND 7 GAUGE STEEL DECK WELDED SINGLE UNIT, BAFFLED DECK FOR HIGH VELOCITY AIR FLOW, LARGE DISCHARGE OPENING WITH CHUTE GUARD DEFLECTOR.

TRANSMISSION:

5 SPEED MODEL 700 PEERLESS GEARBOX WITH REVERSE.

1st gear	1.9 mph (3.1 km/h)
2nd gear	2.6 mph (4.2 km/h)
3rd gear	3.4 mph (5.5 km/h)
4th gear	4.0 mph (6.4 km/h)
5th gear	5.1 mph (8.2 km/h)
Reverse	3.0 mph (4.8 km/h)

TRACTION WHEEL CONTROLS:

FINGER TIP LEVERS AT HANDLES CONTROL INDEPENDENT POWER TO EACH WHEEL FOR MOVING, STOPPING AND POWER TURNING.

BRAKES:

BAND TYPE, HEAVY DUTY LINING, INDEPENDENTLY CONTROLLED BY TRACTION LEVERS. PARKING BRAKES AT TRACTION LEVER LOCKS.

HANDLES:

HEAVY GAUGE TUBULAR STEEL. RESILIENT GRIPS, ADJUSTABLE HEIGHT.

TURNING RADIUS:

INSIDE WHEEL 0".

CONTROLS:

THROTTLE. SPEED SELECTOR LEVER. FINGER TIP WHEEL DRIVE LEVERS. BLADE DRIVE ENGAGEMENT SWITCH, PARKING BRAKES AT TRACTION LEVER LOCKS. OPERATOR PRESENT CONTROLS.

AXLE:

1.0"(25.4mm) DIAMETER STEEL SHAFT, REPLACEABLE.

DRIVE BELTS:

- HB-SINGLE WITH ARAMID FIBER. (USED ON MODEL 932007J ONLY)
- HB-DOUBLE BANDED WITH ARAMID FIBER.

DRIVE TIRES:

- 13 X 5.00 TURF TREAD.

SPINDLES:

1" SPINDLE SHAFT ON MAINTENANCE FREE SEALED BALL BEARINGS IN PRECISION MACHINED HOUSING.

CASTERS:

9 X 3.50-4 NO FLAT.

HEIGHT OF CUT:

ADJUSTABLE FROM 1-1/2" to 4-1/2" (3.8-11.4 cm).

BLADE DRIVE:

INDUSTRIAL B SECTION HEAVY DUTY V-BELT DRIVE (NOT TWISTED) FROM CRANKSHAFT TO CUTTERDECK WITH 5" STEEL IDLERS ON SEALED BALL BEARINGS. PTO SWITCH ON CONTROL PANEL CONTROLS ENGAGEMENT OF BLADES.

BLADE MATERIAL:

1566 ALLOY STEEL, AUSTEMPERED AND HEAT TREATED.

WEIGHT:

932007J:.....	431 LBS. (196 kg)
933007J:.....	428 LBS. (210 kg)
934007J:.....	476 LBS. (230 kg)

ACCESSORIES AVAILABLE

WEIGHT KIT
JUMBO GRASSCATCHER
ECO-PLATE
MULCHING KIT

SPECIFICATIONS

**Classic
Pro**

ENGINES	
MODEL NUMBER	932007 933007 934007
MANUFACTURER	KAWASAKI
MODEL	FS481V
CYLINDERS	2
COOLING	Air
FUEL	Gasoline
BORE/STROKE	2.9" X 2.8" (73mm x 72mm)
DISPLACEMENT	36.8 ci (603cc)
COMPRESSION	8.1:1
OUTPUT POWER	See engine manufacturer's specifications and website
OUTPUT TORQUE	32.1 ft-lb (43.5N•m) @1800 rpm
OIL CAPACITY	1.8 qt (1.7l)
LUBRICATION	Full Pressure
MAIN BEARINGS (MAGNETO/PTO)	N/A
CYLINDER BLOCK	Aluminum with cast iron sleeve
CYLINDER HEAD	Aluminum
GOVERNOR	Mechanical
AIR CLEANER	Dual Element
IGNITION SYSTEM	Electronic
CHARGING SYSTEM	Clutch Coil
BATTERY	None
FUEL CAPACITY	5.0 gal ()
FUEL TANK	Polyethylene
FUEL CONSUMPTION @ MAX LOAD/SPEED	1.25 gal/hr (4.74 l/hr)

SIDE DISCHARGE DECKS			
MODEL NUMBER	932007	933007	934007
WIDTH (CHUTE DOWN)	42.8" (1086 mm)	47" (1194 mm)	58.5" (1486 mm)
WIDTH (CHUTE UP)	32.62" (828 mm)	36.5" (927 mm)	48" (1219 mm)
WIDTH OF CUT	31.8" (806 mm)	35.25" (895 mm)	47.25" (1200 mm)
NUMBER OF BLADES	2	2	3
BLADE LENGTH	16.25" (413 mm)	18" (457 mm)	16.25" (413 mm)
BLADE TYPE	High Lift (Low Lift option)	High Lift (Low Lift option)	High Lift (Low Lift option)
BLADE THICKNESS	0.197" (5.0 mm)	0.197" (5.0 mm)	0.197" (5.0 mm)
TIP SPEED	17732 ft/min (5405 m/min)	18696 ft/min (5699 m/min)	17732 ft/min (5405 m/min)
DAILY PRODUCTION @ 5 mph (8 km/hr)	12.6 acres/8 hrs (5.1 ha/8 hrs)	14.2 acres/8hrs (5.74 ha/8hrs)	19.0 acres/8hrs (7.4 ha/8 hrs)

PARTS SECTION

FIGURE 1



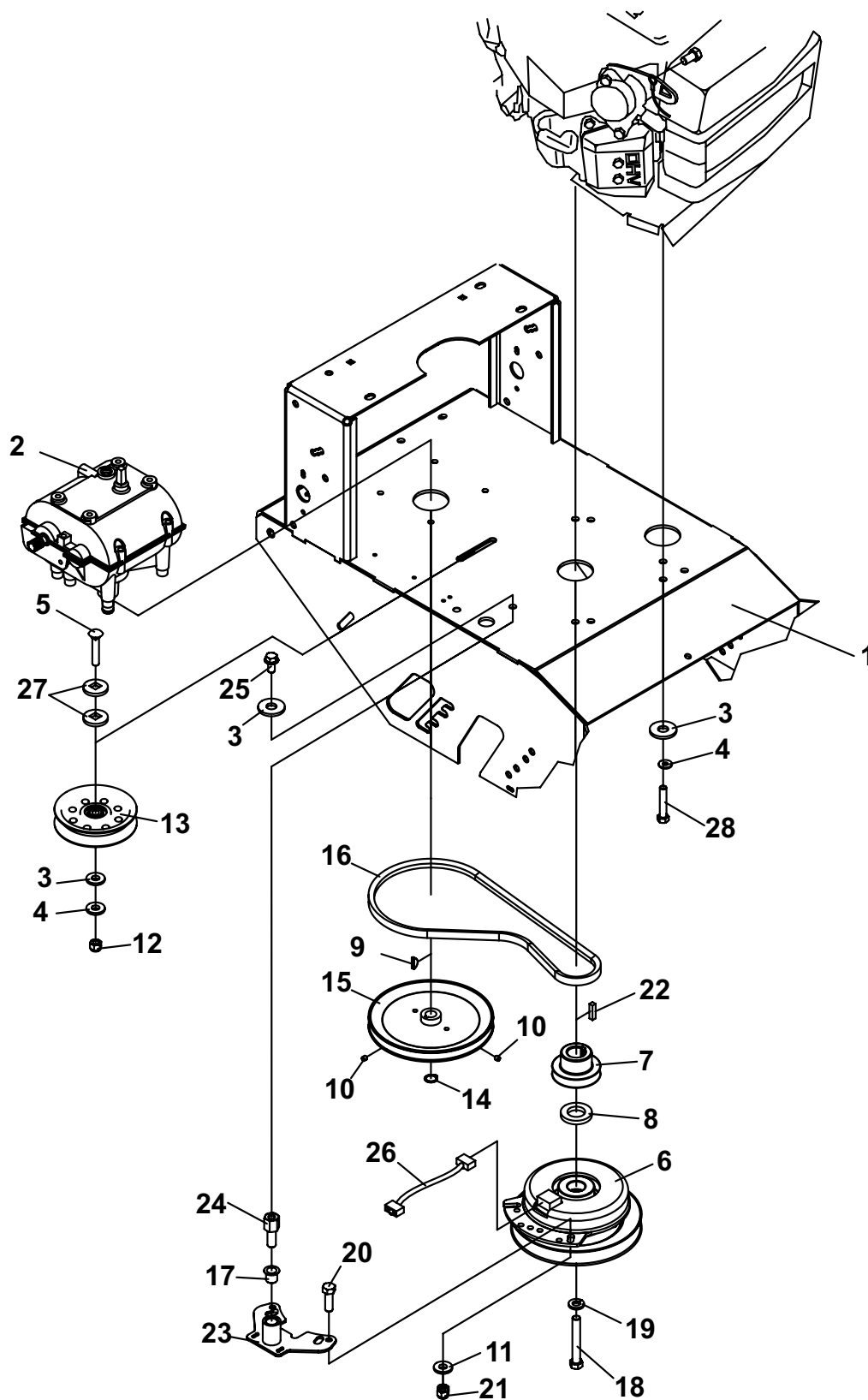
ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	4164361	ENG-16HP KAW FS481V	1				
	4164537	OIL FILTER					
	4164535	AIR FILTER PAPER ELEMENT					
	4164536	FILTER FOAM PRECLEANER					
2	4160260	S-FRAME 32 W/LABS	1				
	4137390	S-36 FRAME W/LABELS					
	4137391	S-48 FRAME W/LABELS					
3	4164359	MUFFLER-FS 600 KAW	1				
4	4172534.7	BRKT-GUARD MNT, GD	1				
5	4172875.7	GUARD-MUFFLER	1				
6	4172817.7	BRKT-HOUR METER	1				
7	4172818	METER-HOUR	1				
8	88042-03	CLAMP, HOSE 5/8	2				
9	69053	HOSE-HYD (17" L)	1				
10	4164251	DRAIN VALVE	1				
11	4164252-001	FITTING-3/8NPT TO 3/8	1				
12	48412	CLIP-CABLE 5/8 J X 8.74	1				
13	64263-007	BLT-FLG HD M8-1.25 X 20	6				
14	64123-16	BLT-HEX 3/8-16X1-1/4	4				
15	64266-02	NUT-FL CRWN LCK M8-1.25	4				
16	64123-15	BLT-HEX 3/8-16X3/4	3				
17	64006-03	LOCKWSHR-3/8 HELICAL	8				
18	64123-50	BLT-HEX 3/8-16X1	1				
19	48228-12	CLIP-CABLE, INSULATED	1				
20	64163-31	WSHR 25/64X1X12	7				
21	64205-018	BLT METRIC M8-1.25X15	1				
22	64002-04	LOCKWASHER EXT. 5/16	1				
23	4162977-01	HOSE, FUEL 1/4 INCH 18.5"	1				
24	4163016	VALVE-FUEL	1				
25	88042N	CLAMP-HOSE	6				
26	4162977-01	HOSE, FUEL 1/4 INCH 2"	1				
27	4162989-01	HOSE, FUEL 3/16 INCH 11.5"	1				
28	88042-01	CLAMP-HOSE 3/16	2				
29	4169746	VENT-FUEL, IN-LINE	1				
30	4162977-01	HOSE, FUEL 1/4 INCH 34.5"	1				
31	4165291	CAP-FUEL, 3.5IN EPA	1				
32	4174266	TANK-FUEL, MIDSIZE	1				
	(INCLUDES ITEMS 33-36)						
33	4165763	TANK VENT	1				
34	4174343	GROMMET, ROLL-OVER	1				
35	4132325	GROMMET-SEALING	1				
36	4165561-2	TUBE-PICK UP	1				

***NOT ILLUSTRATED**

LOWER ENGINE DECK ASSEMBLY

Classic
Pro

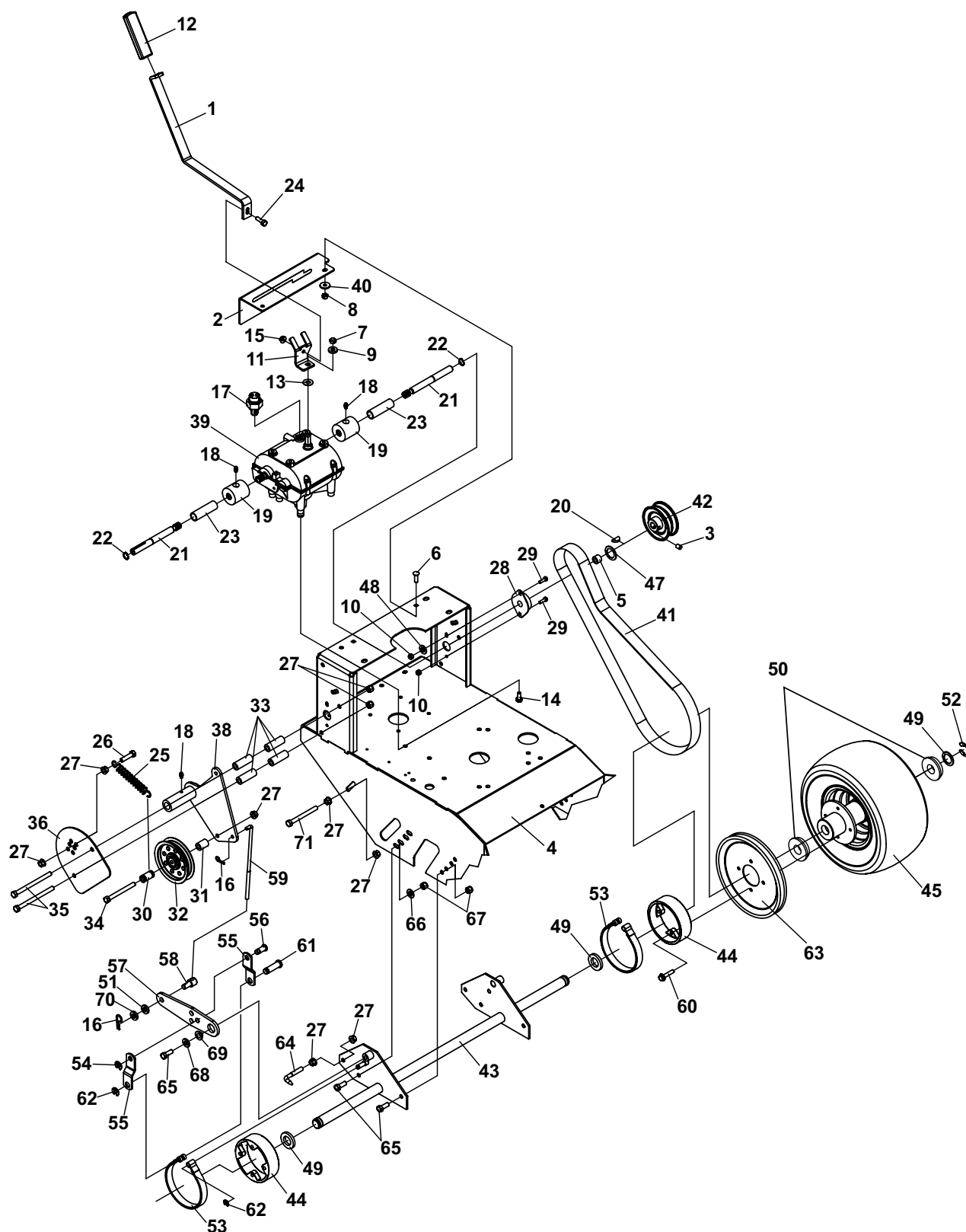
FIGURE 2



ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	4160260	S-FRAME 32 W/LABELS	1				
	4137390	S-36 FRAME W/LABELS					
	4137391	S-48 FRAME W/LABELS					
2	4127203	TRANSMISSION-5 SPD	1				
3	64163-31	WASHER	6				
4	64006-03	LOCKWSHR-HELICAL 3/8	5				
5	64018-18	BOLT-CRG 3/8-16X2	1				
6	2721110	CLUTCH-ELECTRIC	1				
	INCLUDES ITEM 26						
7	38460	PULLEY-ENGINE	1				
8	64163-07	1-1/32X1-3/4X1/4 WASH	1				
9	64164-19	KEY WOODRUFF.19X.75 #9	1				
10	64044-1	SCREW-SET 1/4-20X1/4	2				
11	64163-55	WASHER	2				
12	64025-05	NUT-3/8-16 HEX	1				
13	38010-2A	IDLER PULLEY	1				
14	64144-01	SNAP RING 5/8	1				
15	128175	PULLEY-SNGL GRV 7 ED	1				
16	2721796	BELT-MIDSIZE GEARBOX	1				
17	38304-03	BRG-FLANGED PLASTIC	1				
18	64123-155	BLT-HEX 7/16-20 X 3	1				
19	64006-06	LOCKWSHR-HELICAL 7/16	1				
20	64123-54	BOLT, 5/16-18X3/4 HEX	2				
21	64229-02	LOCKNUT-NYLON 5/16-18	2				
22	64164-12	1/4X1/4X1 SQ END KEY	1				
23	4173452.7	WLDMT-CLUTCH STOP MID	1				
24	4121540	PIN-CLUTCH	1				
25	64123-15	BLT-HEX 3/8-16X3/4	1				
26	2720949	ASSY-CLUTCH WIRE	1				
27	64163-46	WASHER	2				
28	64123-16	BLT-HEX 3/8-16X1-1/4	4				

***NOT ILLUSTRATED**

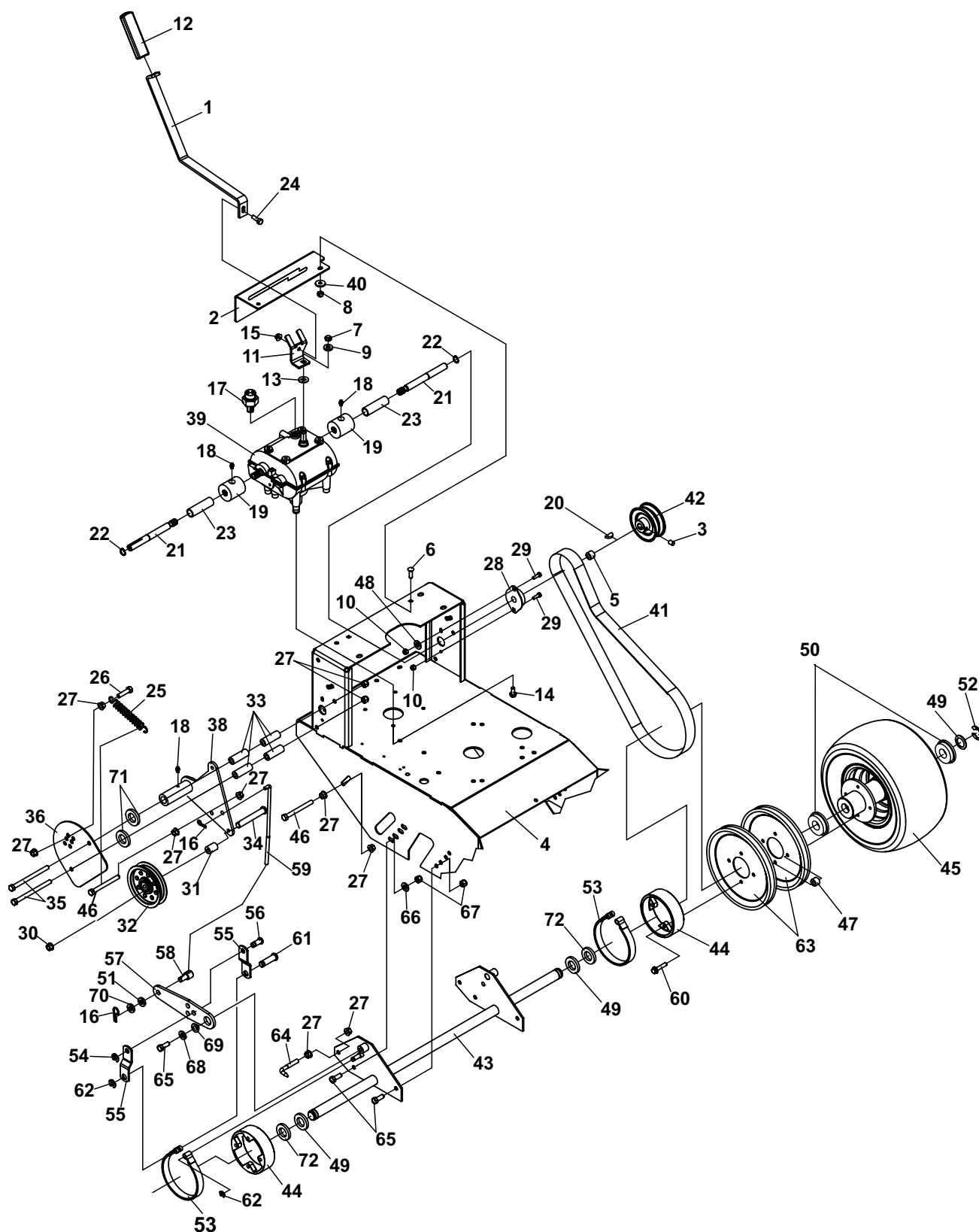
FIGURE 3



ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	2721382.7	LEVER-SHIFT	1	45	4162836	ASSY-WHEEL 13 X 5.0-6 (INCLUDES ITEM 46)	2
2	2722621	S-GEAR SELECTOR PLATE	1		4176303	ASSY-WHEEL, 13X5-6 BLK	2
3	64044-2	SCREW-SET 5/16-18X3/8	2		4176303-01	RIM-6X3.50, BLACK	
4	4160260	S-32" FRAME WLDMT	1	46	*38097A	S TIRE 13 X 5.0-6	2
5	4130974-01	SPACER	2	47	64163-12	WASHER	2
6	64018-15	BLT-CRG 5/16-18X1	2	48	64163-03	WASHER	2
7	64151-3	3/8-24 HH LOCKNUT	1	49	64163-64	WASHER	A/R
8	64229-02	LOCKNUT-NYLON 5/16-18	2	50	4128899-03	BEARING-WHEEL	4
9	64163-46	WSHR.383/.393X.88X7GA	1	51	64163-02	WASHER-11GA	2
10	64229-01	LOCKNUT-NYLON 1/4-20	4	52	64221-1	E CLIP	2
11	2721381.7	LEVER-SHIFT LOWER	1	53	38534	BAND-BRAKE	2
12	2188155	GRIP-1/4X1X4-1/2	1	54	64144-31	SNAP RING	2
13	128108	WASHER PEERLESS	1	55	4117094	LINK-BRAKE	4
14	64139-08	BLT-WLF 5/16-18X3/4	4	56	33138-01	PIN, CLEVIS .47	2
15	64141-6	NUT, 5/16-18	1	57	4130590	ARM-BRAKE	2
16	64168-2	COTTER-HAIRPIN .08X1.19	4	58	33004A	SWIVEL	2
17	2722033	SWITCH-NEUTRAL	1	59	33135-01	ROD-BRAKE	2
18	85010N	ZERK, 1/4-28 SELF THREAD	4	60	64197-021	BLT-TDFM 5/16-18 X 1.75	8
19	2308135	COUPLER	2	61	33138-07	PIN-CLVS GRVD .38 X 1.25	2
20	64164-19	KEY WOODRUFF.19X.75 #9	2	62	64144-30	SNAP RING.375	2
21	4130099	SHAFT-CONNECTOR	2	63	38322	WHEEL PULLEY ASSY	2
22	64144-01	SNAP RING 5/8	2	64	33278	SCRAPER-SINGLE EDGE	2
23	35033-5A	JACKSHAFT SHLD 3	2	65	64123-50	BOLT-HEX 3/8-16X1	6
24	64123-68	BOLT-HEX 5/16-18X1	1	66	64163-31	WASHER	2
25	2308133	SPRING-EXTENSION	2	67	64229-03	LOCKNUT-NYLON 3/8-16	4
26	64123-70	BLT-HEX 3/8-16X1-1/2	2	68	64006-03	WASHER, 3/8 HELICAL LCK	2
27	64141-4	NUT-WLF 3/8-16	18	69	4130588	SPACER-BRAKE	2
28	4130975	BRG-BALL 5/8	2	70	64163-55	WSHR .328X.75X14 GA	2
29	64123-89	BLT-HEX 1/4-20 X 3/4	4	71	64123-138	BLT-HEX 3/8-16X3-3/4	2
30	2303056	SPACER-SPRING	2				
31	33030-08	SPACER	2				
32	2308000	PULLEY-IDLER	2				
33	4136715	SPACER-FENDER	8				
34	64123-138	BLT-HEX 3/8-16X3-3/4	2				
35	64123-93	BLT-HEX 3/8-16X5	4				
36	4175134.7	COVER-BELT BOBCAT	2				
37	*2721365.7	WLDMT-LH BELLCRANK	1				
38	2721364.7	WLDMT-RH BELLCRANK	1				
39	4127203	TRNSMSN-5 SPD W/ REV	1				
(SEE FIGURE 7 FOR PARTS BREAKDOWN)							
40	64163-29	21/64x1x11GA.WASHER	2				
41	2721477	BELT-HB 56.75	2				
42	4151917	PULLEY-SINGLE GROOVE	2				
43	4159200.7	WLDMT-CLASSIC AXLE	1				
44	4124853	DRUM-BRAKE	2				

* NOT ILLUSTRATED

FIGURE 4



ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	2721382.7	LEVER-SHIFT	1	40	64163-29	21/64x1x11GA.WASHER	2
2	2722621	S-GEAR SELECTOR PLATE	1	41	38212	BELT-BANDED A EL-55.75	2
3	64044-6	SCREW-SET 5/16-181/4	2	42	4121312	PULLEY-DOUBLE GROOVE	2
4	4137390	S-36 FRAME WLDMT	1	43	4160483.7	WLDMT-CLASSIC AXLE	1
	4137391	S-48 FRAME WLDMT		44	4124853	DRUM-BRAKE	2
5	4130974-01	SPACER	2	45	4157780	ASSY-WHEEL, 13X6.50-6	2
6	64018-15	BLT-CRG 5/16-18X1	2		(INCLUDES ITEM 50)		
7	64151-3	3/8-24 HH LOCKNUT	1		4157780-01	RIM-6.00X4.50, GREY	2
8	64229-02	LOCKNUT-NYLON 5/16-18	2		38098A	S TIRE 13X6.5X6 4-PLY	2
9	64163-46	WSHR.383/.393X.88X7GA	1		4176304	ASSY-WHEEL, 6X4.50 BLK	2
10	64229-01	LOCKNUT-NYLON 1/4-20	4		4176303-01	RIM-6X4.50, BLACK	
11	2721381.7	LEVER-SHIFT LOWER	1				
12	2188155	GRIP-1/4X1X4-1/2	1	46	64123-138	BLT-HEX 3/8-16X3-3/4	4
13	128108	WASHER PEERLESS	1	47	103044	SPACER	8
14	64139-08	BLT-WLF 5/16-18X3/4	4	48	64163-03	WSHR-.256IDX.62DX18GA.	2
15	64141-6	NUT, 5/16-18	1	49	64163-64	WASHER	A/R
16	64168-2	COTTER-HAIRPIN .08X1.19	4	50	4128899-03	BEARING-WHEEL	4
17	2722033	SWITCH-NEUTRAL	1	51	64163-02	WASHER-11GA	2
18	85010N	ZERK, 1/4-28 SELF THREAD	4	52	64221-1	E CLIP	2
19	2308135	COUPLER	2	53	38534	BAND-BRAKE	2
20	64164-19	KEY WOODRUFF.19X.75 #9	2	54	64144-31	SNAP RING	2
21	4130099	SHAFT-CONNECTOR	2	55	4117094	LINK-BRAKE	4
22	64144-01	SNAP RING 5/8	2	56	33138-01	PIN, CLEVIS .47	2
23	35033-5A	JACKSHAFT SHLD 3	2	57	4130590	ARM-BRAKE	2
24	64123-68	BOLT-HEX 5/16-18X1	1	58	33004A	SWIVEL	2
25	2308133	SPRING-EXTENSION	2	59	33135-01	ROD-BRAKE	2
26	64123-70	BLT-HEX 3/8-16X1-1/2	2	60	64197-021	BLT-TDFM 5/16-18 X 1.75	6
27	64141-4	NUT-WLF 3/8-16	22	61	33138-07	PIN-CLVS GRVD .38 X 1.25	4
28	4130975	BRG-BALL 5/8	2	62	64144-30	SNAP RING.375	4
29	64123-89	BLT-HEX 1/4-20 X 3/4	4	63	36271	WHEEL PULLEY ASSY	4
30	64268-05	NUT-1/2-13	2	64	36896	SCRAPER-DOUBLE EDGE	2
31	4163802-03	SPACER -1.0 X .516 X .47	2	65	64123-50	BOLT-HEX 3/8-16X1	6
32	4168395	PULLEY-IDLER 5IN	2	66	64163-31	WASHER, 25/64X1X12	6
33	4136715	SPACER-FENDER	8	67	64229-03	LOCKNUT-NYLON 3/8-16	4
34	64123-125	BLT-HEX 1/2-13 X 2-1/4	2	68	64006-03	WASHER, 3/8 HELICAL LCK	2
35	64123-130	BLT-HEX 3/8-16X5-1/2	4	69	4130588	SPACER-BRAKE	2
36	4175134.7	COVER-BELT	2	70	64163-55	WSHR .328X.75X14 GA	2
37*	4175142.7	WLDMT-LH BELLCRANK	1	71	64163-82	WSHR-.406X1.44X9GA	4
38	4175141.7	WLDMT-RH BELLCRANK	1	72	64163-22	WSHR 1-1/32X1-3/4X1/2	2
39	4127203	TRNSMSN-5 SPD W/ REV	1				

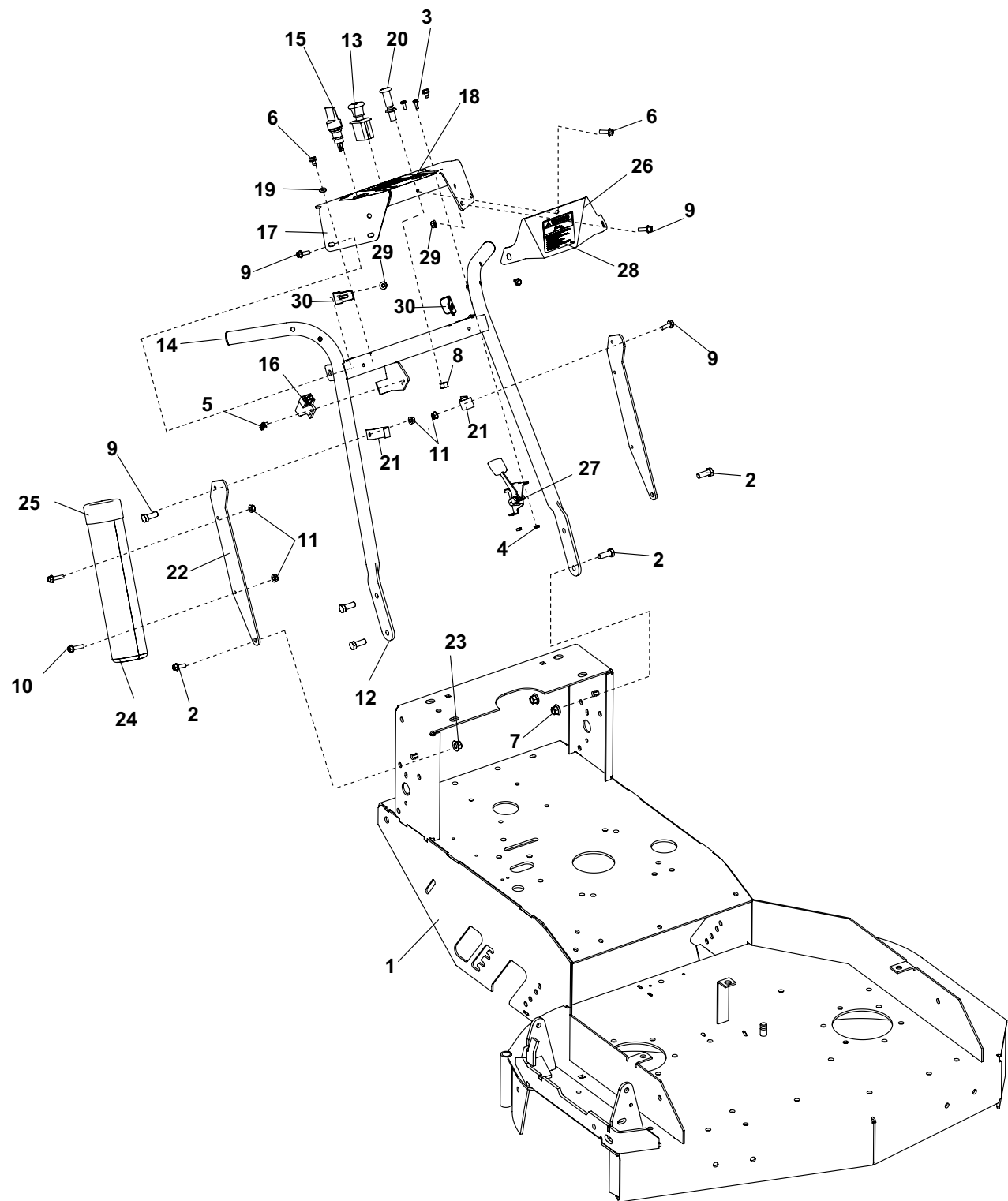
(SEE FIGURE 7 FOR PARTS BREAKDOWN)

* NOT ILLUSTRATED

CONTROL PANEL ASSEMBLY

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FIGURE 5



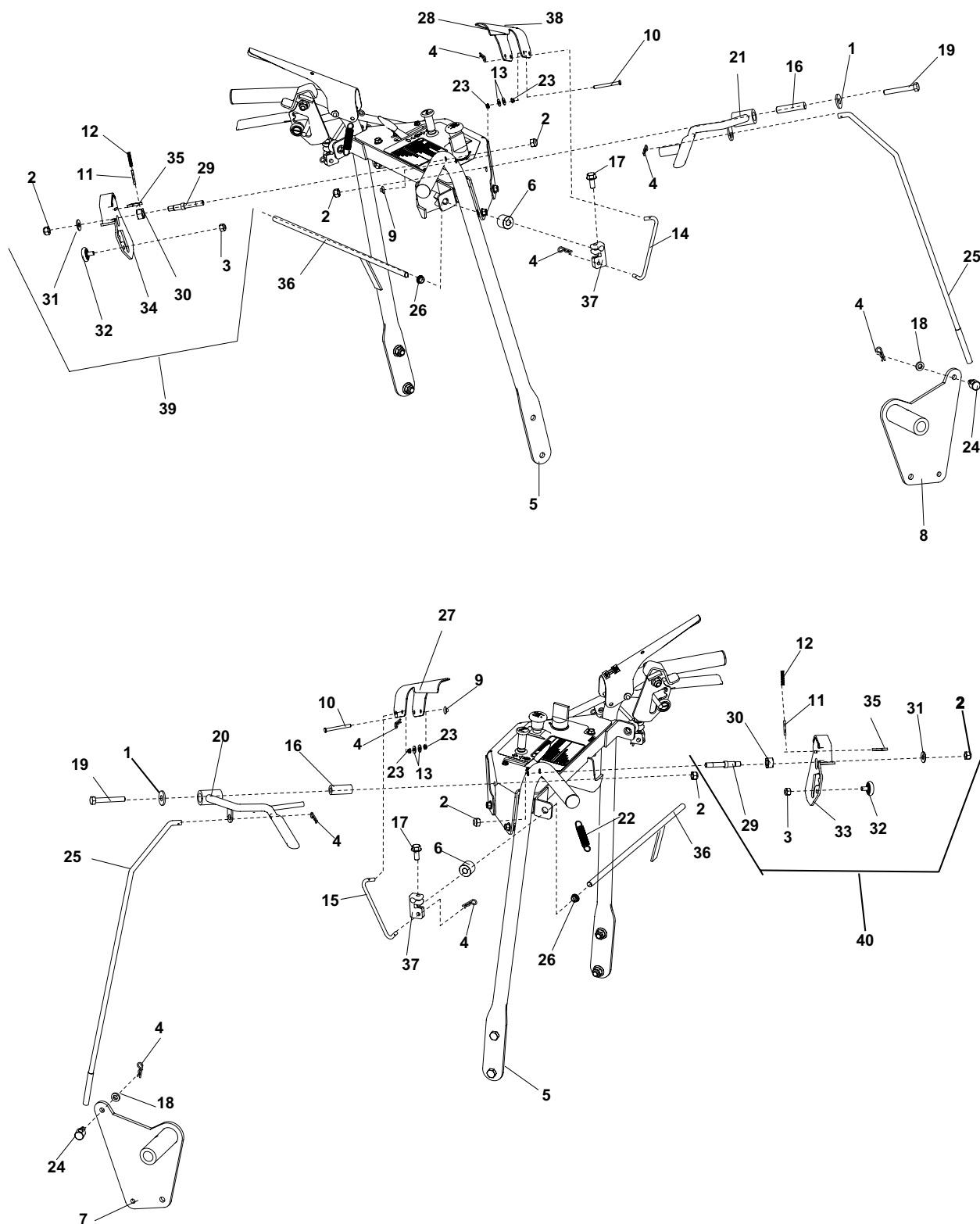
ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	4160260	S-FRAME 32 W/LABS	1				
	4137390	S-36 FRAME W/LABELS					
	4137391	S-48 FRAME W/LABELS					
2	64123-50	BLT-HEX 3/8-16X1	6				
3	64152-46	SCREW-SLT HH 10-24X1/2	2				
4	64025-15	NUT-HEX #10-24 KEPS	2				
5	64197-015	BLT-TDFM 10-32X1/2 TORX H	2				
6	64197-002	BLT-TDFM 1/4-20X3/4	3				
7	64268-03	NUT-FL NYLON LOCK 3/8-16	4				
8	64025-04	NUT-3/8-24 HEX	1				
9	64262-002	BLT-FLG HD 1/4-20 X 3/4	6				
10	64262-003	BLT-FLG 1/4-20 X 1	2				
11	64268-01	NUT-FL NYLON LOCK 1/4-20	4				
12	2721495.7	WLDMT-UPPER HANDLES	1				
13	2721505	SWITCH-PTO	1				
14	4169945	PLUG-PLASTIC	2				
15	38148	SWITCH-ENGINE STOP	1				
16	108208	SWITCH DBL POLE NC/NO	1				
17	4172426	PANEL-CONTROL,GD	1				
	INCLUDES ITEM 18						
18	4172373	LABEL-CTRL PANEL GD W/CHK	1				
19	64163-03	WSHR .256ID X.62OD X 18 GA.	2				
20	108009-03	CONTROL-CHOKE	1				
21	4171606-2	CLAMP-HALF,1.0IN	2				
22	4172714.7	BRACE-HANDLE	1				
23	64229-03	NUT-NYLON LOCK 3/8-16	1				
24	4129802	TUBE-DOCUMENT	1				
25	38061A	CAPS VINYL	1				
26	4172842	COVER-CONTROL PANEL,GD	1				
	INCLUDES ITEM 28						
27	38357-09	CONTROL-THROTTLE	1				
28	2000570	DECAL-EXPLOSIVE FUEL	1				
29	64141-2	NUT-WLF 1/4-20	4				
30	4172332.7	BRKT-CONTROL PANEL	2				

***NOT ILLUSTRATED**

CONTROLS ASSEMBLY

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Pro

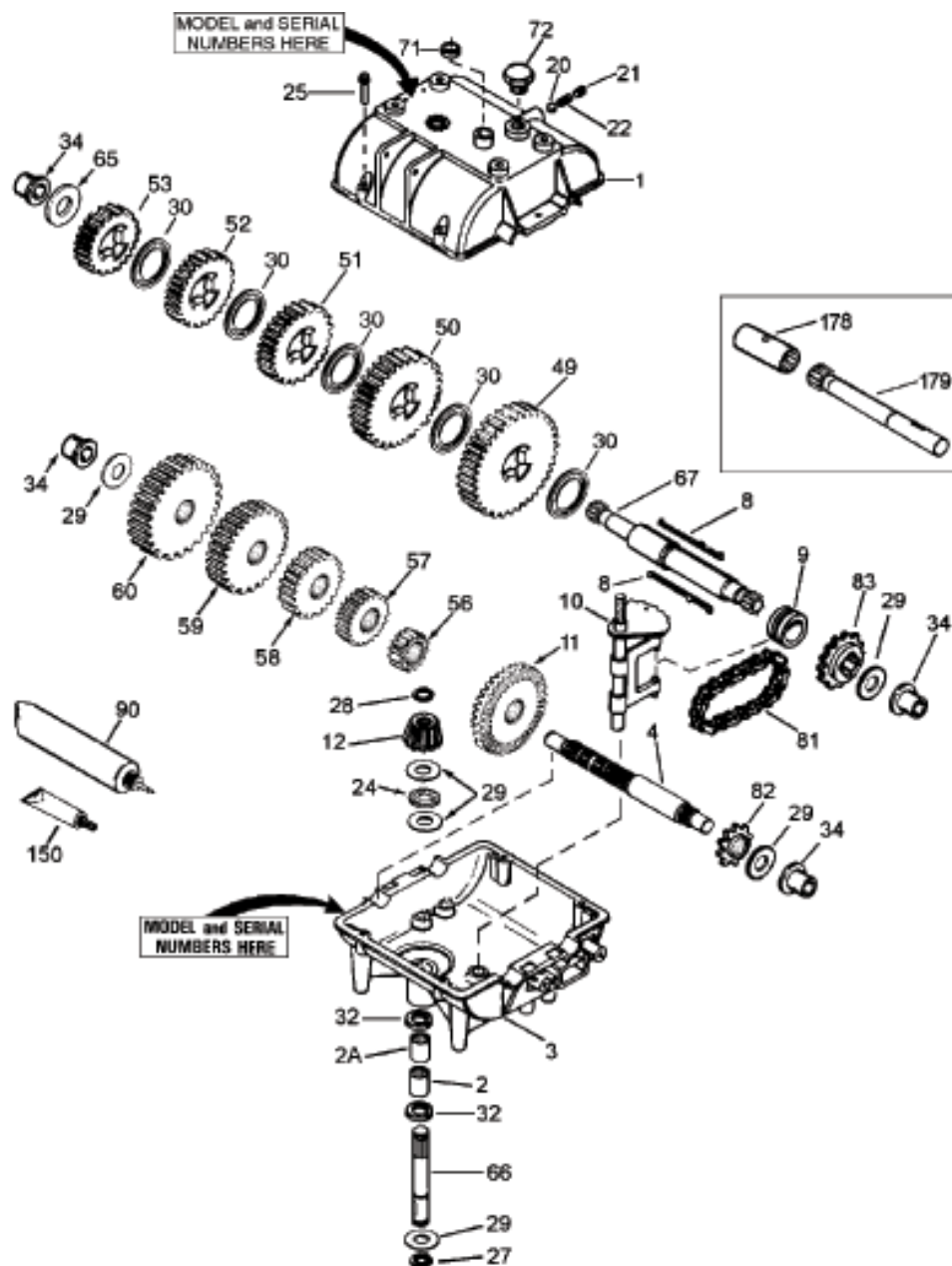
FIGURE 6



ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	64163-31	WSHR 25/64X1X12	2				
2	64229-02	NUT-NYLON LOCK 5/16-18	6				
3	64229-01	NUT-NYLON LOCK 1/4-20	2				
4	64168-2	COTTER-HAIRPIN .08 X 1.19	8				
5	2721495.7	WLDMT-UPPER HANDLES	1				
6	33030-09	IDLER BUSHING	2				
7	2721365.7	WLDMT-LH BELLCRANK (USED ON 32" MODEL)	1				
	4175142.7	WLDMT-LH BELLCRANK (USED ON 36" & 48" MODELS)	1				
8	2721364.7	WLDMT-RH BELLCRANK (USED ON 32" MODEL)	1				
	4175141.7	WLDMT-RH BELLCRANK (USED ON 36" & 48" MODELS)	1				
9	64175-01	PUSHNUT	2				
10	64188-05	PIN-CLEVIS .19 X 1.88	2				
11	64061-37	ROLLPIN-1/8 X 1	2				
12	38189	SPRING-COMPRESSION	2				
13	64163-60	WSHR.50X.203X18GA	4				
14	4122107	ROD-HANDLE LINK RH	1				
15	4122104	ROD-HANDLE LINK LH	1				
16	4169218	TUBE-PIVOT	2				
17	64197-002	BLT-TDFM 1/4-20X3/4	2				
18	64163-02	WSHR .321X.593X11GA	2				
19	64123-64	BLT-HEX 5/16-18X2-1/4	2				
20	4169223	HANDLE-LH	1				
21	4169224	HANDLE-RH	1				
22	2308065	SPRING-EXTENSION	1				
23	38371-03	BRG-NYLINER 3/16	4				
24	33103	SWIVEL	2				
25	4168050	ROD-TRACTION CONTROL GD	2				
26	38371-01	BRG-NYLINER 3/8	2				
27	4169315.7	HANDLE-OP PRESENT, LH	1				
28	4169316.7	HANDLE-OP PRESENT, RH	1				
29	33288	STUD-DOUBLE ENDED	2				
30	33243	SPACER	2				
31	62464-5A	WASHER THRUST 5/16X3/4	2				
32	2308002	BRG-RADIAL W/THD STUD.75	2				
33	4172437	LATCH-ROLLER LH GD	1				
34	4172438	LATCH-ROLLER RH GD	1				
35	4172275	LATCH-ROLLER,GUIDE	2				
36	2306097	WLDMT-ACTUATOR	1				
37	2303023	CONNECTOR-OP	2				
38	4172528	LABEL-PARK, NEUTRAL, DRIVE	2				
39	4172897	S-LATCH,ROLLER ASM RH GD (INCLUDES 2,3,11,12,29-32,34,35)	1				
40	4172896	S-LATCH,ROLLER ASM LH GD (INCLUDES 2,3,11,12,29-33, 35)	1				

***NOT ILLUSTRATED**

FIGURE 7



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PEERLESS TRANSMISSION

FIGURE 7

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
4127203 PEERLESS TRANS MODEL 700-070A (COMPLETE UNIT AVAILABLE THRU SCHILLER GROUNDS CARE, INC.)				72	792074	THREADED PLUG	1
(INDIVIDUAL COMPONENTS AVAILABLE THROUGH PEERLESS 1-800-558-5402)				81	786081	CHAIN,ROLLER #41	1
1	772083A	COVER,TRANSMISSION	1	82	786082	SPROCKET (9 TEETH)	1
2	780086A	BEARING,NEEDLE	1	83	786083	SPROCKET (18 TEETH)	1
2A	780142	BEARING,NEEDLE	1	90	788067B	GREASE (32 OZ BENTONITE)	
3	770061A	CASE,TRANSMISSION	1	150	510334	GASKET ELIMINATOR (LOCKTITE #515)	
4	776134	COUNTERSHAFT	1	178	2380135	COUPLING	1
8	792089A	SHIFT KEY	4	179	4130099	CONNECTOR SHAFT	1
9	784266	COLLAR,SHIFT	1	(ITEMS 178 & 179 ARE AVAILABLE THRU SCHILLER GROUNDS CARE, INC.)			
10	784376	ROD & FORK ASSY,SHIFT	1	* NOT ILLUSTRATED			
11	778154	GEAR,BEVEL (42 TEETH)	1	SEE YOUR PEERLESS DEALER FOR REPLACEMENT PARTS.			
12	778176	PINION,BEVEL (14 TH ST)	1				
20	792077A	BALL,STEEL,5/16"	1				
21	792078	SET SCREW,3/8-16 X 3/8	1				
22	792079	SPRING	1				
24	780071	BEARING,THRUST	1				
25	792073A	SCREW,1/4-20 X 1-1/4	6				
27	792035	RING,RETAINING	1				
28	788040	RING,RETAINING	1				
29	780072	WASHER	6				
30	780108	WASHER	5				
32	792001	"O" RING	2				
34	780105A	BUSHING,FLANGED	2				
45 *	2308007	NEUTRAL SWITCH NC	1				
49	778146A	GEAR,SPUR (37 TEETH)	1				
50	778125	GEAR,SPUR (35 TEETH)	1				
51	778239A	GEAR,SPUR (32 TH ST)	1				
52	778124A	GEAR,SPUR (30 TEETH)	1				
53	778123A	GEAR,SPUR (25 TEETH)	1				
56	778145	GEAR,SPUR (12 TH ST)	1				
57	778151	GEAR,SPUR (15 TEETH)	1				
58	778240	GEAR,SPUR (18 TH ST)	1				
59	778126A	GEAR,SPUR (20 TEETH)	1				
60	778127A	GEAR,SPUR (25 TEETH)	1				
65	780139	WASHER,THRUST	1				
66	776135	SHAFT,INPUT (3-11/16")	1				
67	776402	SHIFTER & BRAKE SHAFT	1				
71	788069	SEAL,SQUARE CUT	1				

FIGURE 8

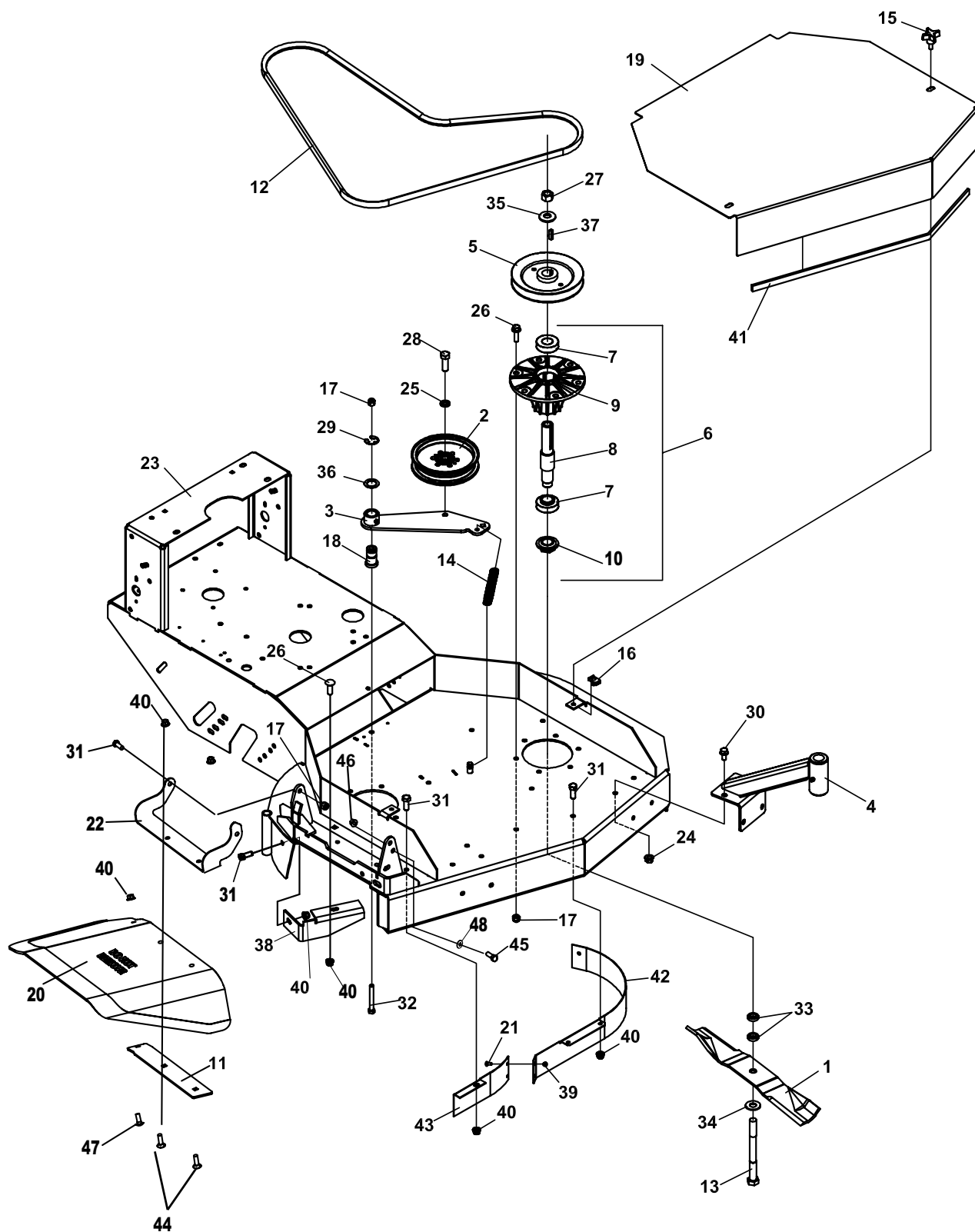
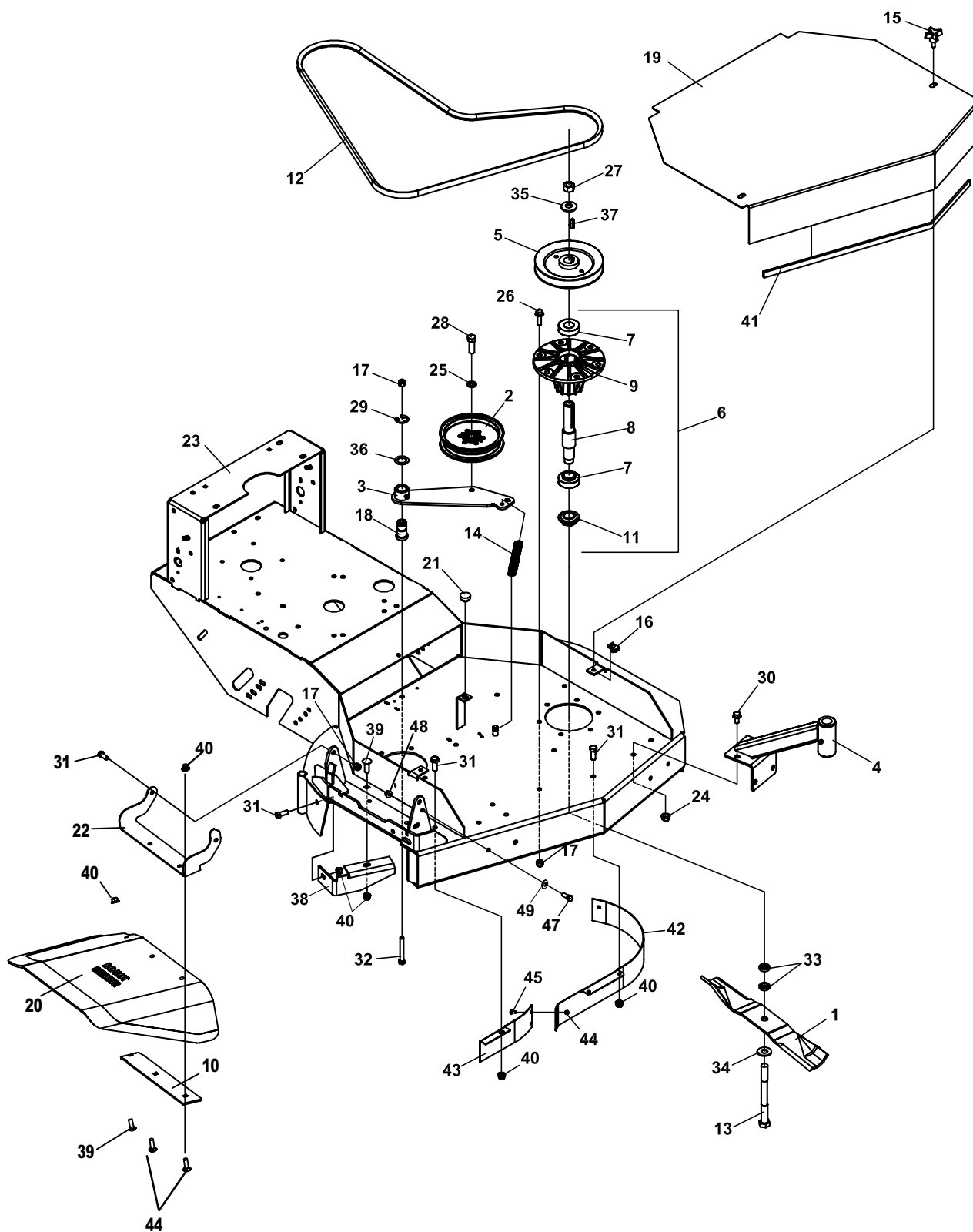


FIGURE 8

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	112111-01	BLADE 16.25 OFFST HLFT	2	32	64123-88	BOLT, 3/8-16X2-3/4 HEX	1
2	4176836	PULLEY, IDLER 5.50	1	33	64163-12	.635/.640X1.0X.25 WASH	4
3	4110580.7	WLDMT-IDLER	1	34	64163-16	WSHR-41/64X1-3/8X12GA	2
4	4124108	S CASTER SUPPORT	2	35	64209-03	SPRING WASHER.67 ID	2
5	2308140	PULLEY-ENGINE	2	36	64163-65	WASHER-.890X1.375X18GA	1
6	4171184	S-ASSY SPINDLE 6 SHORT (INCLUDES ITEMS 7-11)	2	37	64164-12	KEY-1/4X1/4X1 SQ END	2
7	4167554-01	BEARING-SPINDLE SEALED	4	38	4120208.7	BAFFLE-DISCHARGE	1
8	33179-02	SPINDLE-SHORT	2	39	64229-01	LOCKNUT-1/4-20 NYLON	2
9	2721323	HOUSING-SPINDLE 6 HOLE	2	40	64268-03	NUT-FL NYLON LCK 3/8-16	8
10	38315	NUT-SPINDLE	2	41	108074-13	FLEX TRIM 44.38" (USE 24" ON 32" DECKS)	1
11	4169963.7	PLATE-CHUTE, SUPPORT	1	42	4161040.7	BAFFLE-FRT LH	1
12	2721255	BELT-HB 83.00	1	43	4134342.7	BAFFLE-RT FRONT	1
13	64123-265	BLT-HEX HD 5/18-18X7 1/2	2	44	64018-7	BLT-CRG 3/8-16X1-1/4	2
14	38219	SPRING-TENSION	1	45	64123-89	BLT-HEX 1/4-20X3/4	1
15	2722458	KNOB-4 PRONG 5/16-18	2	46	64141-2	NUT-1/4-20	1
16	64259-01	U-NUT MULTITHREAD 5/16	2	47	64018-3	BLT-CRG 3/8-16X1	1
17	64229-03	LOCKNUT-NYLON 3/8-16	15	48	64163-02	WSHR .321X.593X11GA	1
18	4116661	PIN-PIVOT	1				
19	4159320.2	COVER-BELT	1				
20	4168131	CHUTE-DISCHARGE PLASTIC	1				
21	64018-2	BLT-CRG 1/4-20 X 3/4	2				
22	4164932.7	BRKT-CHUTE SUPPORT	1				
23	4160260	S-32 FRAME WLDMT	1				
24	64141-4	NUT-WLF 3/8-16	8				
25	64006-05	LOCKWSHR-HELICAL 1/2	1				
26	64262-012	BLT-FLG HD 3/8-16 X 1-1/4	12				
27	64025-16	NUT-HEX 5/8-18	2				
28	64123-05	BLT-HEX 1/2-20X1-1/2	1				
29	64221-04	E-RING.875	1				
30	64262-010	BLT-FLG HD 3/8-16 X 3/4	8				
31	64123-50	BOLT-HEX 3/8-16X1	7				

FIGURE 9



Classic Pro

36" DECK

FIGURE 9

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	112111-02	BLADE 18.00 OFFST HLFT	2	42	4147035.7	BAFFLE-FRT CENTER	1
2	4176836	PULLEY, IDLER 5.50	1	43	4134343.7	BAFFLE-RT FRONT	1
3	4110580.7	WLDMT-IDLER	1	44	64229-01	LOCKNUT-1/4-20 NYLON	2
4	4124108	S CASTER SUPPORT	2	45	64018-2	BLT-CRG 1/4-20 X 3/4	2
5	4130209	PULLEY-B, 6.13 E.O.D.	2	46	64018-7	BLT-CRG 3/8-16X1-1/4	2
6	4171184	S-ASSY SPINDLE 6 SHORT (INCLUDES ITEMS 7-11)	2	47	64123-89	BLT-HEX 1/4-20X3/4	1
7	4167554-01	BEARING-SPINDLE SEALED	4	48	64141-2	NUT-1/4-20	1
8	33179-02	SPINDLE-SHORT	2	49	64163-02	WSHR .321X.593X11GA	1
9	2721323	HOUSING-SPINDLE 6 HOLE	2				
10	4169946.7	PLATE-CHUTE, SUPPORT	1				
11	38315	NUT-SPINDLE	2				
12	4128848	BELT-36 MIDSIZE	1				
13	64123-265	BLT-HEX HD 5/18-18X7 1/2	2				
14	38219	SPRING-TENSION	1				
15	2722458	KNOB-4 PRONG 5/16-18	3				
16	64259-01	U-NUT MULTITHREAD 5/16	3				
17	64229-03	LOCKNUT-NYLON 3/8-16	15				
18	4116661	PIN-PIVOT	1				
19	4159321.2	COVER-36 BELT	1				
20	4168131	CHUTE-DISCHARGE PLASTIC	1				
21	810149	BUMPER, RUBBER	1				
22	4164932.7	BRKT-CHUTE SUPPORT	1				
23	4137390	S-36 FRAME WLDMT	1				
24	64141-4	NUT-WLF 3/8-16	8				
25	64006-05	LOCKWSHR-HELICAL 1/2	1				
26	64262-012	BLT-FLG HD 3/8-16 X 1-1/4	12				
27	64025-16	NUT-HEX 5/8-18	2				
28	64123-05	BLT-HEX 1/2-20X1-1/2	1				
29	64221-04	E-RING.875	1				
30	64262-010	BLT-FLG HD 3/8-16 X 3/4	8				
31	64123-50	BOLT-HEX 3/8-16X1	9				
32	64123-88	BOLT, 3/8-16X2-3/4 HEX	1				
33	64163-12	.635/.640X1.0X.25 WASH	4				
34	64163-16	WSHR-41/64X1-3/8X12GA	2				
35	64209-03	SPRING WASHER.67 ID	2				
36	64163-65	WASHER-.890X1.375X18GA	1				
37	64164-12	KEY-1/4X1/4X1 SQ END	2				
38	4115864.7	BAFFLE-DISCHARGE	1				
39	64018-3	BOLT-3/8-16X1 CARRIAGE	1				
40	64268-03	NUT-FL NYLON LCK 3/8-16	9				
41	108074-13	FLEX TRIM 44.38" (USE 26" ON 36" DECKS)	1				

FIGURE 10

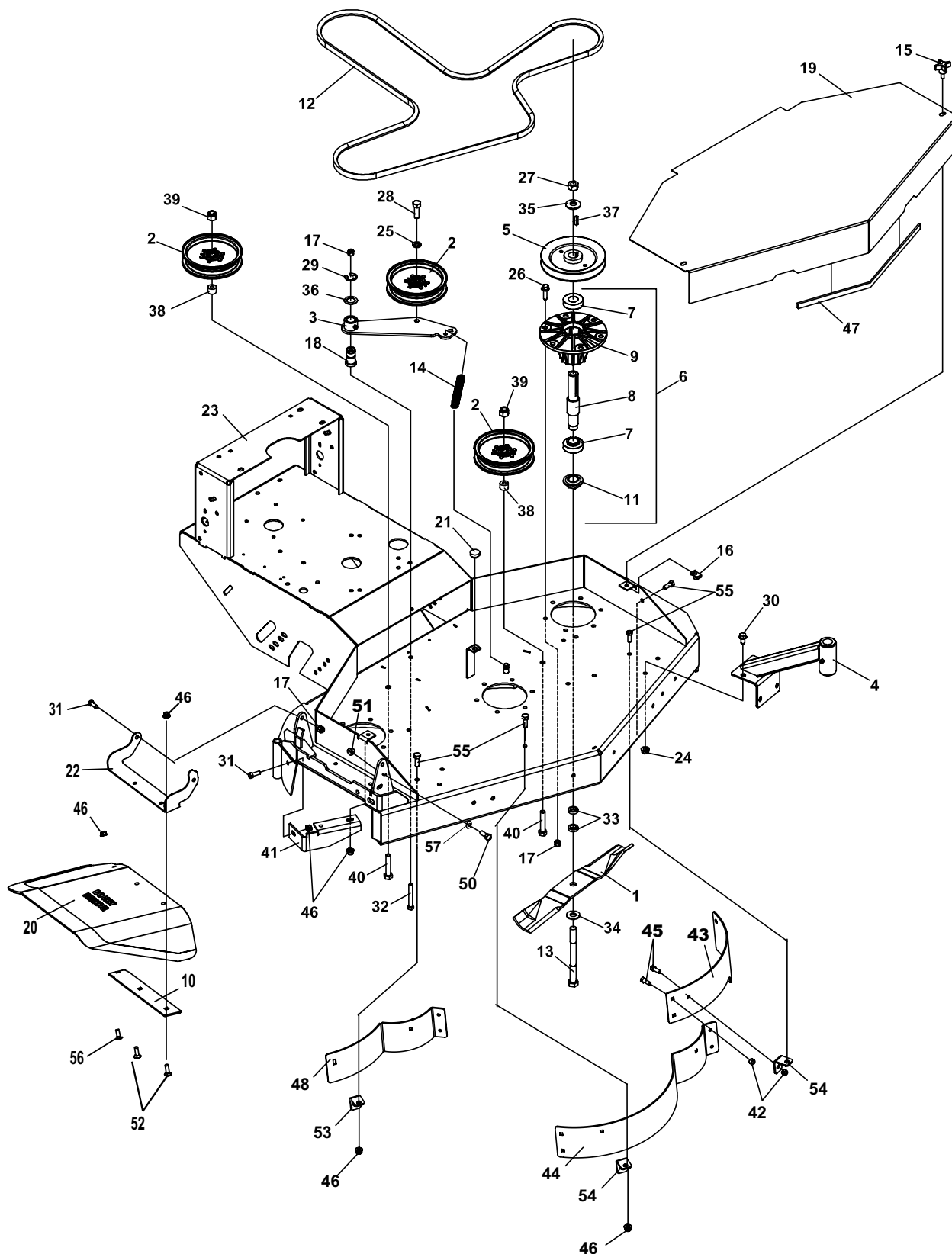


FIGURE 10

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	112111-01	BLADE 16.25 OFFST HLFT	3	40	64123-72	BLT-HEX 1/2-13X2-1/2	2
2	4176836	PULLEY, IDLER 5.50	3	41	4120208.7	BAFFLE-DISCHARGE 32-48	1
3	4110580.7	WLDMT-IDLER	1				
4	4124108	S CASTER SUPPORT	2	42	64229-01	NUT NYLON LCK 1/4-20	4
5	2308140	PULLEY-ENGINE	3	43	4165971.7	BAFFLE-48 FRONT LH	1
6	4171184	S-ASSY SPINDLE 6 SHORT (INCLUDES ITEMS 7-11)	3	44	4165972.7	BAFFLE-FRONT CTR	1
				45	64018-2	BLT-CRG 1/4-20X3/4	4
7	4167554-01	BEARING-SPINDLE SEALED	6	46	64268-03	NUT-FL NYLON LCK 3/8-16 (KIT #970281 INCLUDES ITEMS 42-46 & (2) ITEM 26, (6) ITEM 31)	8
8	33179-02	SPINDLE-SHORT	3				
9	2721323	HOUSING-SPINDLE 6 HOLE	3	47	108074-16	FLEX TRIM 16"	1
10	4169946.7	PLATE-CHUTE, SUPPORT	1	48	4168527.7	BAFFLE-RIGHT FRONT 48	1
11	38315	NUT-SPINDLE	3	49	64139-24	BLT-WLF 3/8-16 X 1	2
12	4128718	BELT-48 MIDSIZE	1	50	64123-89	BLT-HEX 1/4-20X3/4	1
13	64123-265	BLT-HEX HD 5/18-18X7 1/2	3	51	64141-2	NUT-1/4-20	1
14	38219	SPRING-TENSION	1	52	64018-7	BLT-CRG 3/8-16X1-1/4	2
15	2722458	KNOB-4 PRONG 5/16-18	2	53	4168514.7	BRKT-BAFFLE MOUNTING	1
16	64259-01	U-NUT MULTITHREAD 5/16	2	54	4168523.7	BRKT-BAFFLE MOUNTING	2
17	64229-03	LOCKNUT-NYLON 3/8-16	21	55	64123-15	BLT- HEX 3/8-16 x 3/4	3
18	4116661	PIN-PIVOT	1	56	64018-3	BLT-CRG 3/8-16X1	1
19	4159322.2	COVER-48 BELT	1	57	64163-02	WSHR .321X.593X11GA	1
20	4168131	CHUTE-DISCHARGE, PLASTIC	1				
21	810149	BUMPER, RUBBER	1				
22	4164932.7	BRKT-CHUTE SUPPORT	1				
23	4137391	S-48 FRAME WLDMT	1				
24	64141-4	NUT-WLF 3/8-16	8				
25	64006-05	LOCKWSHR-HELICAL 1/2	1				
26	64262-012	BLT-FLG HD 3/8-16 X 1-1/4	18				
27	64025-16	NUT-HEX 5/8-18	3				
28	64123-05	BLT-HEX 1/2-20X1-1/2	1				
29	64221-04	E-RING.875	1				
30	64139-21	BLT-WLF 3/8-16X3/4	8				
31	64123-50	BOLT-HEX 3/8-16X1	4				
32	64123-88	BOLT, 3/8-16X2-3/4 HEX	1				
33	64163-12	.635/.640X1.0X.25 WASH	6				
34	64163-16	WSHR-41/64X1-3/8X12GA	3				
35	64209-03	SPRING WASHER.67 ID	3				
36	64163-65	WASHER-.890X1.375X18GA	1				
37	64164-12	KEY-1/4X1/4X1 SQ END	3				
38	113086	SPACER	2				
39	64229-05	LOCKNUT, 1/2-13 NYLON	2				

FIGURE 11

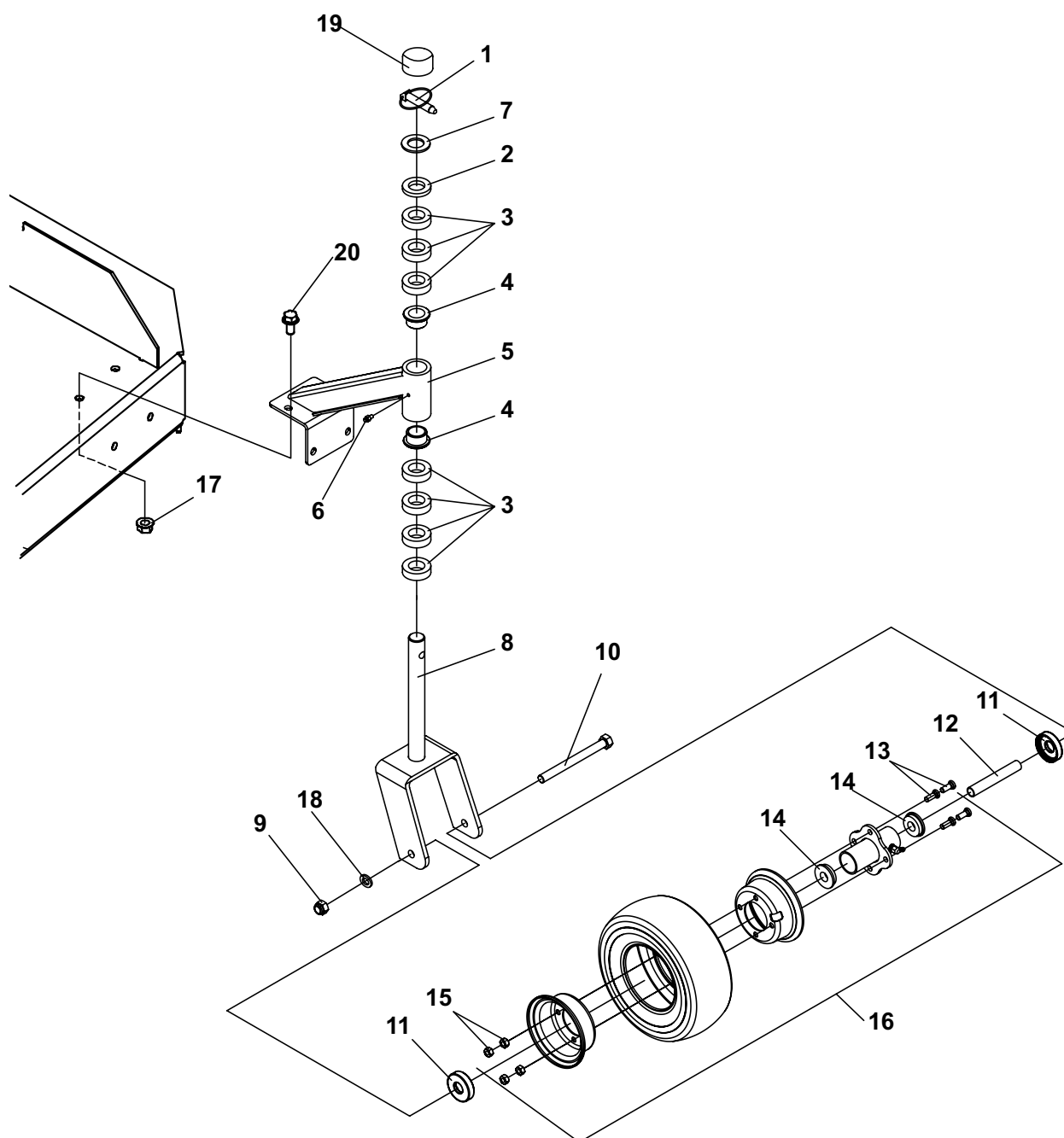


FIGURE 11

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	64173-04	QUICK PIN	1				
2	64163-07	1-1/32X1-3/4X1/4 WASH	1				
3	64163-22	1-1/32X1-3/4X1/2 WASHR	7				
4	4129801	BUSHING-FLANGED	2				
5	4124108	S CASTER SUPPORT	1				
	(INCLUDES ITEMS 4 & 6, QTYS LISTED)						
6	85010N	ZERK GREASE FITTING	1				
7	64163-84	WSHR-1.015 X 1.75 X .125	1				
8	2721484.7	WLDMT-CASTER YOKE	1				
9	64229-05	LOCKNUT-NYLON 1/2-13	1				
10	64123-166	BLT-HEX 1/2-13X5-1/2	1				
11	2722591	SPACER-3/4 INCH BRG	2				
12	2722230-04	SPANNER	1				
13	64123-01	BLT-HEX 5/16-24X3/4	4				
14	2722682	BEARING-9" WHEEL	2				
15	64141-1	NUT-WLF 5/16-24	4				
16	4165544	WHEEL-ASSY, 9X3.5-4	1				
	(INCLUDES 13-15, HUBS W/ TIRE)						
	4176306	WHEEL-ASSY 9X3.5-4 BLK					
	(INCLUDES 13-15, HUBS W/ TIRE)						
17	64141-4	NUT-WLF 3/8-16	4				
18	64251-005	WSHR-M12	1				
19	4137004	CAP-VINYL	1				
20	64262-010	BLT-FL HD 3/8-16 X 1-1/4	4				

* NOT ILLUSTRATED

ELECTRICAL DIAGRAM

Classic
Pro

FIGURE 12

WIRE	COLOR
R	RED
B	BLACK
Y	YELLOW
BR	BROWN
BL	BLUE
O	ORANGE
BLW	BLUE W/WHITE STRIPE
P	PURPLE

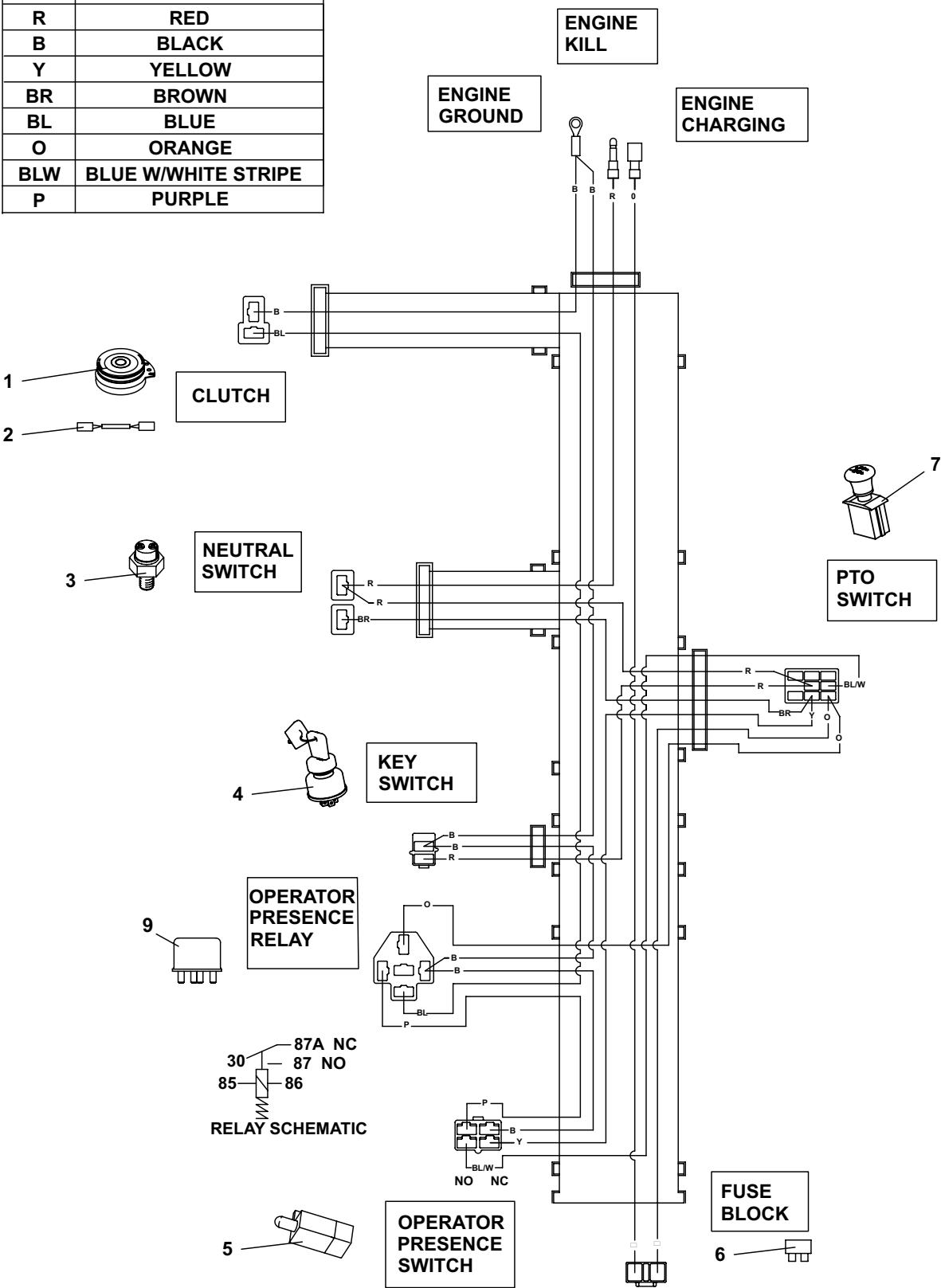
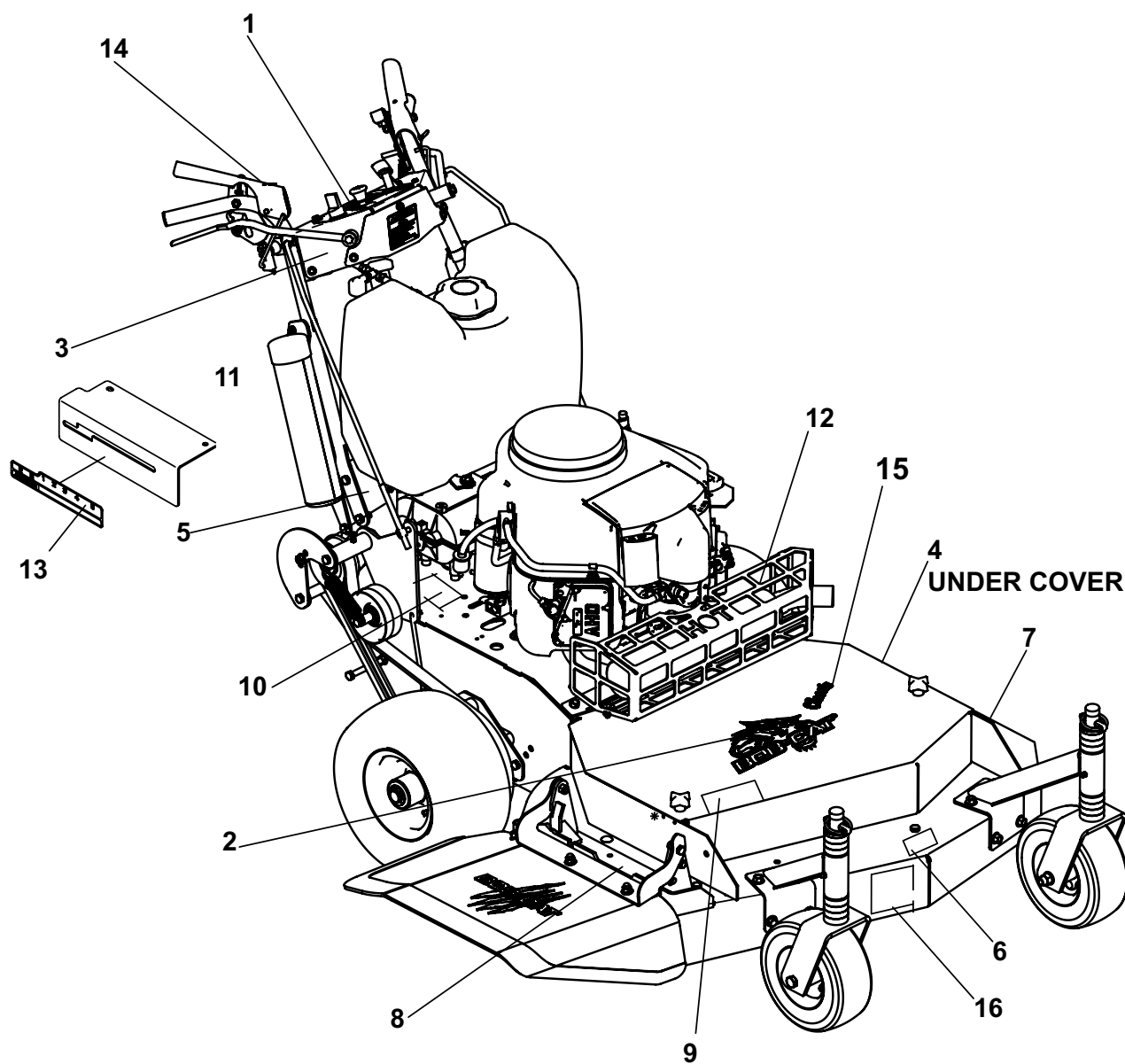


FIGURE 12

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	2721110	CLUTCH-ELECTRIC (INCLUDES ITEM 2)	1				
2	2720949	ASSY-CLUTCH WIRE	1				
3	2722033	SWITCH-NEUTRAL	1				
4	38148	SWITCH-ENGINE STOP	1				
5	108208	SWITCH DBL POLE NC/NO	1				
6	148082-10	FUSE 10 AMP	1				
7	2721505	SWITCH-PTO	1				
8	4166845	HARNESS-MID GEAR DRV (INCLUDES ITEM 6 & 9)	1				
9	2722325	RELAY-40 AMP SEALED	1				

FIGURE 13



Classic Pro

DECALS

FIGURE 13

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	4172373	LABEL-CONTROL PANEL	1				
2	4158401	LABEL-BOBCAT, LRG	1				
3	2000570	LABEL-WARN FUEL PICT	1				
4	340830	DECAL-CAUTION SPANISH	1				
5	2000571	LABEL-IMPORTANT	1				
6	4116761	LABEL-MADE IN USA	1				
7	2000572	LABEL-WARNING BLADES	1				
8	4164269	LABEL-DANGER/WARNING	1				
9	2000678	LABEL-ROT PARTS/WSHR	1				
10	2000704	LABEL-MIDSIZE PATENT	1				
11	2000673	DECAL - OP MAN/TIRES	1				
12	2000575	LABEL-WARNING	1				
13	4124261	LBL(DBL)-GEAR SEL/WARN	1				
14	4172528	LABEL-PARK NTRL DRIVE	2				
15	4130725	LABEL-CLASSIC	1				
16	4172196	LABEL-DECK SIZE, 32	1				
	4162912	LABEL-DECK SIZE, 36					
	4162914	LABEL-DECK SIZE, 48					

FIGURE 14

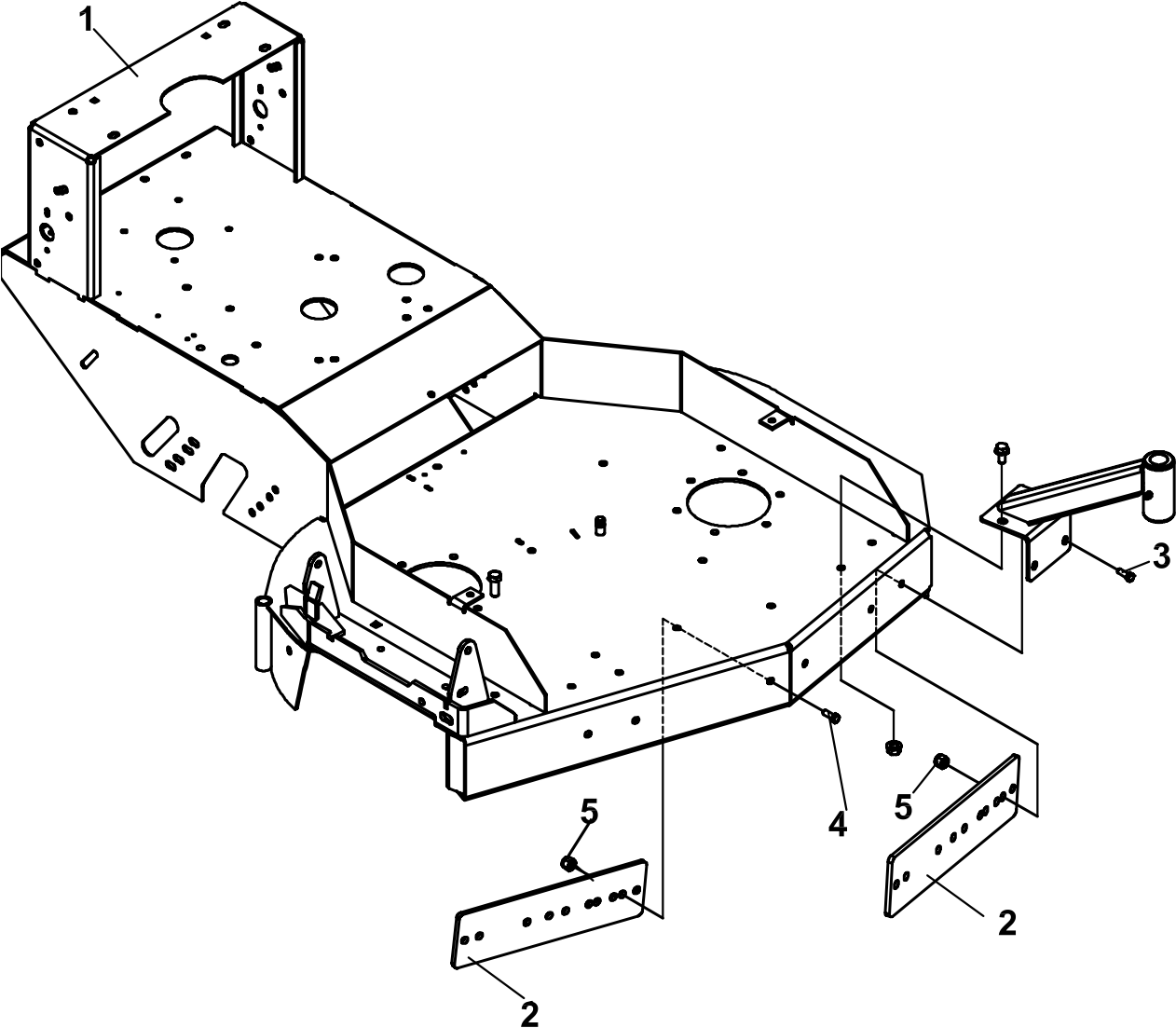


FIGURE 14

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	4160260	S-32 FRAME WLDMT	1				
	4137390	S-36 FRAME WLDMT	1				
	4137391	S-48 FRAME WLDMT	1				
	(36 & 48 ARE OPTIONAL)						
2	4162891.7	WEIGHT	4				
3	64262-012	BLT-FLG HD 3/8-16 X 1-1/4	4				
4	64123-50	BOLT-HEX 3/8-16X1	2				
5	64229-03	LOCKNUT-NYLON 3/8-16	6				

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