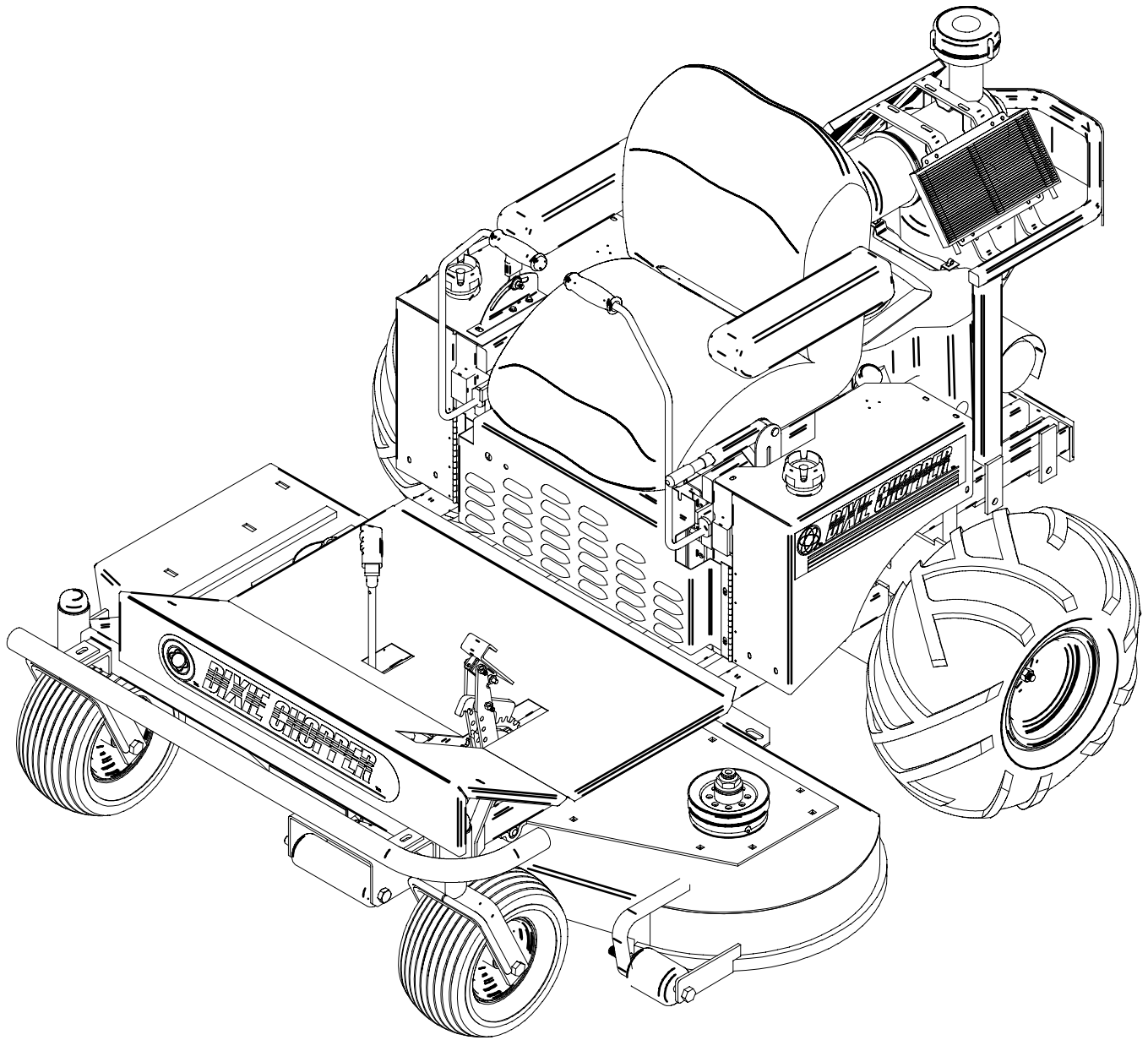


STANDARD PRODUCTION MANUAL



MODELS COVERED: LX, X, XF, XW, AND XWF

Models Covered in this Manual

LX2002-42

X2002-50

X2000-50

X2202-50

X2200-50

X2502-50

X2500-50

XF2200-50

XF2200-60

XF2500-60

XW2002-60

XW2000-60

XW2202-60

XW2200-60

XW2502-60

XW2500-60

DIXIE CHOPPER

DIXIE CHOPPER

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INTRODUCTION

Prior to operating the Dixie Chopper Mowing Machine, you should be trained in its proper use and warned of its dangers before operating, adjusting, or servicing it. You should also read and understand this entire manual.

DANGER This symbol, if used, warns of immediate hazards which will result in severe personal injury or death.

WARNING This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death.

CAUTION This symbol refers to a hazard or unsafe practice which can result in personal injury or product or property damage.

The customer is responsible for filling out the warranty registration card. Within ten (10) days, the customer MUST mail card to

*Magic Circle Corporation
6302 E. County Road 100 North
Coatesville, Indiana 46121*

Any extended warranties expressed or implied are null and void unless proper documentation has been sent to Magic Circle Corporation by the original purchaser of the machine.

- * Familiarize yourself with the controls and know how to stop the mower quickly.
- * Inspect your work area carefully. Remove debris from the turf area to be cut.
- * Avoid contact with moving parts. Keep away from whirling blades. Keep feet and hands from underneath mower deck.
- * Never direct the discharge of material toward bystanders, nor allow anyone near the machine while in operation.
- * This machine is not meant for highway or street use. It is not a recreational vehicle and you should never carry passengers.
- * Never tamper with safety devices or guards. If a guard or safety device is damaged, or removed, replace before operating the mower
- * Handle gasoline carefully. Never add fuel to tank while the engine is running or hot.

Routine Maintenance

Daily Checks	Check Engine Oil Level	Check Hydraulic Oil Level	Check Tire Pressure
	Use oil in accordance with manufacturers recommendations	15W40 Synthetic or full synthetic	Rear 5-7 psi - 6 preferred Front 10-14 psi

Every 50 Hours	Lube Deck Spindles, Idler Arm Pivots, Front Wheel Bearings, (3-5 pumps)	

Every 100 Hours	Change Engine Oil	Check Battery Fluid Level (if applicable)	Check engine to Transmission Belt Tension 1-1/2" from idler to frame

Every 250 Hours	Lube Steering Levers	Clean Donaldson Air Filter End Cap (DO NOT BLOW OUT WITH COMPRESSED AIR)

Every 500 Hours or Annually	Change Hydraulic Filters	Change Amsoil Filter	Remove Belts and Check Spindle Bearings, Idlers, and Pulleys
	Lube Front Caster Bearings	Clean or Replace Spark Plugs	Check Steering for Creep in the Neutral Position
	Check Front and Rear Tires for Tread Wear	Replace Engine Fuel Filter(s)	

Every 2000 Hours	Change Hydraulic Drive Oil <i>DO NOT USE HYDRAULIC OIL, HYTRAN, OR AUTOMATIC TRANSMISSION FLUID. USE ONLY A HIGH GRADE 10W50, 15W40, 20W50 MOTOR OIL THAT MEETS THE MINIMUM VISCOSITY REQUIREMENTS OF: 89 SUS or BETTER @ 212 DEGREES FAHRENHEIT.</i>

Note: The recommended Hydraulic Drive oil for your Dixie Chopper machine is D/C Part#60106. We strongly urge that you use this oil in the event that you should need to refill or add to your hydraulic reservoir. However, if this oil is unavailable to you, any premium grade 10W40, 15W50, 20W50 synthetic or synthetic blend may be used **PROVIDING IT MEETS THE ABOVE REQUIREMENTS.**

SECTION 1

GENERAL SAFETY SUGGESTIONS

Recommended by Outdoor Power Equipment Institute

SAFE OPERATION PRACTICE - RIDING VEHICLES

1. Know the controls and how to stop quickly - READ THIS OWNERS MANUAL and instructions furnished with attachments.
2. Do not allow children to operate machine. Do not allow adults to operate machine without proper instruction.
3. Do not carry passengers. **Do not mow when children and others are present.**
4. Clear work area of objects (wire, rocks, etc.) which might be picked up and thrown.
5. Disengage all attachment clutches and shift into neutral before attempting to start engine (motor).
6. Disengage power to attachments and stop engine (motor) before leaving operator position.
7. Disengage power to attachments and stop engine (motor) before making any repairs or adjustments.
8. Disengage power to attachments when transporting or not in use.
9. Take all possible precautions when leaving vehicle unattended; such as disengaging power-take-off, lowering attachments, shifting into neutral, stopping engine and removing key.
10. Do not stop or start suddenly when going uphill or downhill. Mow up and down the face of steep slopes; never across the face. If a steep hill must be ascended, **back** up the hill; drive forward when descending.
11. Reduce speed and exercise extreme caution on slopes and in sharp turns to prevent tipping or loss of control. Be especially cautious when changing directions on slopes.
12. Stay alert for holes, rocks and roots in the terrain which may cause the vehicle to upset. Keep away from dropoffs.
13. Use care when pulling loads or using heavy equipment.
 - a. Use only approved draw bar hitch points.
 - b. Limit loads to those you can safely control.
 - c. Do not turn sharply. Use care when backing.
 - d. Use counterweights when suggested in owner's manual.
14. Watch out for traffic when crossing or near roadways.
15. When using any attachments never direct discharge of material toward bystanders nor allow anyone near vehicle while in operation.
16. Handle gasoline with care - it is highly flammable.
 - A. Use approved gasoline container. Place container out of reach of children.
 - B. Use gasoline only as fuel - never as a cleaner. Never remove cap or add gasoline to a running or hot engine or an engine that has not been allowed to cool for several minutes after running. Never fill fuel tank indoors. Wipe up spilled gasoline. And positively **NO SMOKING.**
- C. Open doors if engine is run in garage - exhaust fumes are dangerous. Do not run engine (motor) indoors.
17. Keep vehicle and attachments in good operating condition and keep safety devices in place and working.
18. Keep all nuts, bolts and screws tight to be sure equipment is in safe working condition.
19. Never store equipment with gasoline in the tank inside a building where fumes may reach an open flame or spark
20. Allow engine to cool before storing in any enclosure
21. To reduce fire hazard keep engine free of grass, leaves or excessive grease.
22. Vehicle and attachments should be stopped and inspected for damage after striking a foreign object and the damage should be repaired before restarting and operating the equipment.
23. Do not change engine governor settings or over-speed engine.
24. When using vehicle with mower:
 1. Mow only in daylight or in good artificial light.
 2. Never make a cutting height adjustment while engine (motor) is running if operator must dismount to do so.
 3. Shut engine (motor) off when unclogging chute.
 4. Check blade mounting bolts for proper tightness at frequent intervals.
25. Under normal usage, grass catcher bag material is subject to deterioration and wear. It should be checked frequently for bag replacement. Replacement bags should be checked to ensure compliance with original manufacturers recommendations or specifications.
26. Disengage power to mower before backing up. Do not mow in reverse unless absolutely necessary and then only after careful observation of the entire area behind the mower.
27. Use personal protective equipment when operating or performing maintenance such as (but not limited to) protection for eyes, ears, feet & head.

VEHICLE IDENTIFICATION NUMBER (VIN) LOCATIONS

Vehicle identification numbers are used to identify your new mowing machine and attachments. These numbers should always be referred to when consulting your dealer or the factory concerning service, parts, or other information you may require, if these plates are removed during repair operations, they should always be replaced.

The mowing machine vehicle identification number plate is located on frame under seat. This number identifies both the chassis and mower. Engine identification number is located on engine shrouding, and indicates model, type number and serial number of your mowing machines engine.

For your convenience and ready reference, enter mowing machine and engine numbers below.



Mowing Machine Identification Number
Dixie Chopper VIN Plate

Model _____
VIN _____

Model Spec. _____
Serial No. _____

OWNER REGISTRATION

Service and warranty assurance are as important to Dixie Chopper as they are to you, the owner. Magic Circle Corp. requires factory registration to facilitate warranty service at an authorized Dixie Chopper Dealer. A registration card is supplied with each new machine and attachment. You must fill in the required information and mail the card to Magic Circle Corp.

The Dixie Chopper Limited Warranty Statement is

described on page __. This statement describes what items are covered by the Dixie Chopper Limited Warranty, your rights and obligations and the procedure to follow to obtain warranty service. Please familiarize yourself with the warranty statement. All of us at Dixie Chopper want you to be satisfied with your Dixie Chopper mowing machine. Please don't hesitate to contact us for assistance.

* Warranty void unless registration card is returned within 10 days from purchase. Warranty to be used only to cover correction of manufacturing defects, it will not be used to cover lack of maintenance, operator mis-use, normal wear, accidents, customer dissatisfaction, transportation charges to and from the servicing dealer or loss of revenue.

This commercial mower has safety features that exceeded the national specifications; however, the user is ultimately responsible for the safe operations of the mower.

THESE ARE ONLY A FEW RECOMMENDATIONS, BE SURE TO COMPLETELY READ ENGINE MANUFACTURER'S OPERATOR'S MANUAL BEFORE OPERATION OF THIS MACHINE.

FAILURE TO PERFORM ROUTINE DAILY MAINTENANCE AS DESCRIBED WILL RESULT IN PREMATURE ENGINE FAILURE, AND WILL VOID ENGINE MANUFACTURER'S WARRANTY.

DIXIE CHOPPER

SECTION 3

WARRANTY

INTRODUCTION

Congratulations on your purchase of a DIXIE CHOPPER lawn mower. We believe you have exercised excellent judgement, and are most appreciative of your patronage. We recommend you read this entire manual before operating this unit. Time spent in becoming fully acquainted with its performance features, adjustments and maintenance will add a longer and more satisfactory life to your DIXIE CHOPPER. The manufacturer reserves the right to make changes or add improvements to its product at any time without incurring any obligation to make such changes to its product manufactured previously. As with all lawn mowers, if handled carelessly, it is a dangerous piece of equipment. If incorrectly used, this machine can cause severe injury. **YOU THE OPERATOR ARE RESPONSIBLE WHEN OPERATING IT.** Therefore, safety is of the utmost importance.

WARRANTY

This mower is warranted for one year from date of purchase against all defects in material and workmanship. Under normal use and service our obligation, under this warranty, shall be limited to the replacement or repair, to the original retail purchaser, of any part or parts, which, within the warranty period, shall be shown to be defective due to faulty workmanship at the factory. All parts

claimed defective must be returned to the factory for inspection, repair or replacement with transportation charges prepaid. This warranty does not apply to damage in transit or damage caused by misuse, negligence, or accident, to alterations or repairs done outside the factory or authorized service center, nor does it obligate us to assume any transportation charges in connection with the replacement of the parts claimed to be defective.

OUR WARRANTY DOES NOT APPLY TO THE BLADES OR BELTS ON OUR MOWERS DUE TO THE VERY NATURE OF THE FUNCTION THEY PERFORM AND THE ELEMENTS THEY ARE EXPOSED TO. NOR LOST REVENUE

The warranty specifically excludes engines, tires and batteries which are warranted separately by their respective manufacturers. All claims for defective engines or engine parts must be made in accordance with the engine manufacturers warranty. This warranty is null and void if any parts other than the original manufacturers

SAFETY PRECAUTION

Those who come in contact with the DIXIE CHOPPER should be trained in its proper use and warned of its danger before operating, adjusting, or servicing it. They should also read and understand this entire manual, and the engine owners manual.

Familiarize yourself with the controls and learn how to stop the mower quickly.

Inspect your work area carefully. Remove debris from the turf area to be cut.

Avoid contact with moving parts. Keep away from whirling blades. Keep feet and hands from underneath

mower deck. Never direct the discharge of material toward bystanders, nor allow anyone near the machine while in operation. This machine is not meant for highway or street use. It is not a recreational vehicle and you should never carry passengers. Never tamper with safety devices or guards. If a guard or safety device is damaged, or removed, replace before operating mower. Handle gasoline carefully. Never add fuel to fuel tank while the engine is running or hot

STARTING INSTRUCTIONS

To start machine observe the following procedure: Swing control levers out to neutral position.

Check to be sure the deck engaging handle is in the disengaged position. Set throttle handle to half-throttle position. Turn key to start position and release when engine fires.

CUTTING HEIGHT ADJUSTMENT

Mower deck height is adjustable from 1" to 6" in 3/4" increments with a foot actuated lever.

Mower deck may be leveled side to side by adjusting eye bolts at the front of the deck.

Mower deck pitch, front to rear, may be adjusted by changing stabilizer arm position at front or rear (in 1/2" increments). Adjustment at the rear of the deck or in the middle stabilizer arm will result in 1" change in pitch

*NOTE -- To mow in the 2 1/2" range, leave as

shipped -- stabilizer arm one hole down from top front and middle and top hole in the rear. For cutting below 2 1/2", it may be necessary to lower the rear of the deck. *NOTE -- Never allow the rear of the deck to be lower than the front: unless the cutting height is in full up position (6"), and you are mowing tall weeds. This is the only exception and will happen automatically with the deck in the full up position.

MOWING INSTRUCTIONS

Always cut grass with the engine at full throttle.

This engine speed allows the cutting blades to operate at optimum cutting speed. Control ground speed with steering levers.

*NOTE -- Operating engine at less than 3/4 throttle will result in decreased air flow through the cowling causing engine overheat.

MAINTENANCE & SERVICE

DECK PITCH ADJUSTMENT

The mower deck is set to mow level at 3 ½" from the factory, using these settings: MOWER DECK FRONT – 2nd hole from the top. MOWER DECK REAR – top hole. AXLE MOUNT – 2nd hole from the top. When mowing at a lower height, with the factory setting it is possible to leave a streaking appearance. This is easily remedied by pitch adjustment of the deck. Dropping the rear of the deck one hole will result in a 1" change in pitch. However, dropping the front AND the rear will result in only a ½" change pitch. Which should provide satisfactory results when mowing at a lower height.

TRANSMISSION DRIVE BELT ADJUSTMENT

(vertical shaft engines only)

1. Loosen engine mounting nuts and bolts.
2. Loosen drive belt tensioning jam nut, and tighten drive belt tensioning bolt until ½" to ¾" deflection exists midway between the double engine and transmission pulleys.
3. Re-tighten engine mounting bolts and locknuts.
4. Re-tighten jam nut.

RECOMMENDED HYDRO FILTER CHANGE

Change filter at 500 hours or annually.

1. Clean area around filters so it's free of any dirt and debris.
2. Fill replacement filter with 15W40 Schaeffers oil, **Part #60106**. Filter will absorb oil, so fill until it takes no more. Pinch line to stop oil from leaking.
3. Remove old filter on unit and replace with new.
4. You may want to loosen the charge line at the pump and pressurize the reservoir to purge air from the line, purge the line until no air is present (tighten fitting).
5. With handles in neutral crank engine over with the starter and observe oil movement in clear line from filter base to the charge pump (flashlight may be necessary).
6. Oil should be flowing from the filter to the pump when you are cranking the engine. **DO NOT START THE ENGINE UNLESS OIL IS FLOWING FROM FILTER TO PUMP.**
7. If step 6 is not accomplished, check for air leaks between charge pump port and reservoir. Note: You must have pump primed before starting the engine, if it is not primed it will self-destruct in 16 seconds or less.
8. With above steps accomplished, leave handles in neutral and throttle at idle speed. You may now start the unit. Let idle in neutral and observe oil flow in clear line from filter mount to pump. It should be flowing toward the pump. You may see a few air pockets shoot through the line. This is ok as long as you have movement toward the pump. If oil stops flowing toward the pump shut down immediately (check for air leaks between charge pump and inlet to reservoir).
9. Let unit idle in neutral for at least 2 minutes and until no more air is observed. Bring engine up to 2000 r.p.m.
10. Then gently stroke levers for an additional 2 minutes. At this point unit can be put back in service.

NOTES:

1. Failure to observe this procedure will destroy pumps in 16 seconds or less.
2. Pump failure due to charge pump loosing its prime is not a warranty item.
3. Read instructions carefully.
4. You may benefit by reading instructions twice.

LUBRICATION

See service intervals.

NEUTRAL ADJUSTMENT

THE FOLLOWING PROCEDURE SHOULD BE DONE WITH THE REAR WHEELS OFF THE GROUND AND THE ENGINE ON.

1. Remove clevis pin from neutral adjustment yoke at right side pump control arm and at steering pivot on left side drive linkage.
2. Loosen neutral spring mounting bolt, located on oil filter mounting bracket, adjust neutral spring assembly to the front or rear until the pump is in neutral and there is no motion at drive wheels. Once this is achieved, tighten neutral spring mounting bolt.
3. Loosen jam nut on adjustment yoke and turn yoke so that clevis can be inserted without force. When control lever is in neutral lock position, the wheel should continue to sit still.
4. Start engine, operate tires in forward and reverse and return lever to the neutral lock position, tires should not move, if tires move repeat above procedure.

FORWARD LEVER STOP ADJUSTMENT

THIS PROCEDURE DONE WITH THE ENGINE OFF!

1. Move control lever to the full forward position, applying gentle pressure.
2. With control lever in full forward position, turn forward lever, stop bolt down, until it contacts steering lever pivot block arm. Once contact is made, give additional ¼ to ½ turn. Re-tighten jam nut.
3. Test drive machine and observe operation at full forward on level surface. If machine does not go straight, correct by slowing fast wheel, (lengthen lever stop bolt). Adjust lever stop until machine travels in a straight path with both control levers at full forward.
4. Align control levers by swinging into neutral position and bending levers until handles are parallel. Both controls should be spaced evenly at rest and should travel together and reach full forward uniformly.

*Lubricate between the transmission frame mounting point and steering lever pivot block.

*NOTE – Late model machines are equipped with a greaseable mounting bolt. These mounting bolts utilize a compression spring for positive steering resistance. Although this assembly does not require adjustment, it should be lubricated every 100 hours.

SECTION 3

MAINTENANCE &

SERVICE

(CONTINUED)

SUNDSTRAND PUMP START UP PROCEDURE

1. With new pump installed and charge pump return disconnected, pitch hose together to seal off hose 1" behind swivel fitting. Note: Vice grips will work to pinch hose, it must be sealed off completely.
2. Remove reservoir overflow tube from plastic overflow nipple.
3. The system is now ready to pressurize. Note: This is done to purge air from the lines on the inlet side of the pump and to assure the pump has an immediate oil supply to the inlet side of the pump. Maximum 5 lbs.
4. Using an air regulator, pressurize the system until clear line is full of oil down to pump inlet 90° fitting (Page 60, Fig.10) and oil comes out of charge pump return 90° fitting. Note: maintain pressure on the reservoir through step 5.
5. With handles in neutral position (Note: Brake must be in off position) crank engine over and observe oil in clear tube. The oil should be traveling towards the pump and coming out of the charge pump return 90° fitting. Do not start engine unless you have determined you have oil flowing to the pump while cranking engine with the starter. Note: If this condition does not exist, check for air leaks from 90° inlet fitting to reservoir.
6. Remove pressure from reservoir and install overflow tube back onto overflow nipple, and remove vise grips from charge pump return line and connect line back onto charge pump return 90° fitting. With throttle in idle position, and handle in neutral, start engine, let idle for no less than 60 seconds, then lightly stroke the levers. After 2 minutes of lightly stroking the levers and achieving steady movement of the wheel hub, you may stroke the levers fully.
7. Reinstall rear wheel and lug nuts.
8. Check fluid level in hydraulic reservoir and fill if necessary.

ighten bolt to compress spring. Proper tension has been achieved when spring height reaches 2" in the engaged position, which should allow 1/2" to 3/4" distance between the double jam nut and the tensioner assembly. A visual check can be made by simply engaging the mower deck. During this action the last 1/4 turn should be spring compression.

NOTES:

1. You must follow this procedure.
2. Failure to observe above procedure will destroy this pump in 16 seconds or less.
3. Pump failure due to a dry start up is not a warranty item.
4. You may profit from reading your instructions twice.

ENGINE TO DECK BELT ADJUSTMENT

This belt only requires 40lbs. Of tension to achieve satisfactory results. New machines equipped with the 30209-1 connecting arm may be adjusted using this procedure: With engine off, engage mower deck,

MOWING MACHINE

SECTION 4

CONTROLS

1. THROTTLE CONTROL

Throttle is located on top of right fuel tank just ahead of fuel cap. Move throttle forward all the way to operate machine. Move throttle all the way to rear before shutting engine off.

2. IGNITION SWITCH

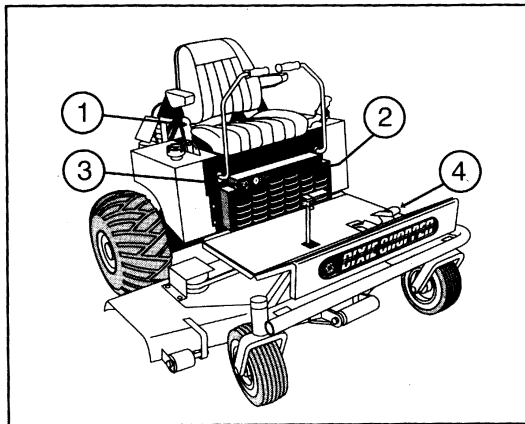
Ignition switch is located on right side of front panel below seat. Ignition switch has three positions: (1) Off, (2) Run, (3) Start. To start engine turn key all the way to start. Release key when engine starts and it will automatically return to Run position. Turn switch to Off position to stop engine.

3. CHOKE CONTROL

Choke control is located on right side of front panel next to ignition switch. Pull choke knob out when starting engine. Slowly push knob in after engine starts. If engine is warm and has been running, choking may not be necessary to restart engine.

4. MOWER LIFT PEDAL

Mower foot lift pedal is located on left side of foot platform. To raise mower, push down on front of pedal. To lower mower, push down and rotate foot to move bottom of pedal down, remove foot from pedal when desired height is obtained.

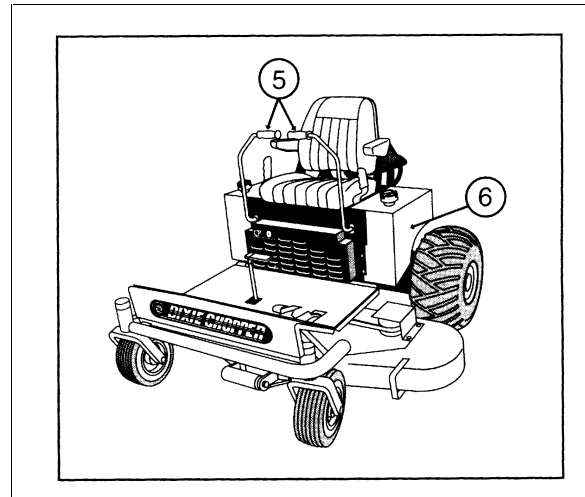


5. RIGHT AND LEFT MOTION CONTROL LEVERS

To enter seat, move levers all the way left and right into neutral lock position. Enter seat and move levers in toward center of machine. Left lever controls left rear wheel and right lever controls right rear wheel. To go forward, push both levers forward evenly; the further levers are pushed forward, the faster the machine will travel. To go in reverse, pull both levers to rear evenly; the further levers are pulled, the faster the machine will travel. To turn, slow machine down and slow speed of wheel in direction you want to turn.

6. FUEL TANK VALVES

Fuel tank valves are located at bottom of each tank. Fuel valves are normally left open except when service on fuel system becomes necessary.



OPERATING YOUR MOWING MACHINE

SAFETY INTERLOCK SYSTEM

Each machine has interlock switches. Switches are actuated by the seat. Seat switch will stop engine when seat is vacated with engine running. Seat must be occupied.

If machine will not start, check that seat is occupied.

Safety interlock system must be tested periodically.

To test operation, the following functions must be performed by an Authorized Dixie Chopper Dealer for your protection.

1. Engine should NOT start if seat is not occupied.
2. With engine running, test operate seat switch by rising off seat. Engine should shut off.

CORRECT ENGINE OPERATION

CAUTION

Before starting engine, become familiar with all controls. Read this Operator's Manual thoroughly. Always check engine oil level before starting engine.

DIXIE CHOPPER

SECTION 5

OPERATING YOUR

MOWING MACHINE

WARNING

Care should be taken to avoid inhaling exhaust gases as they contain carbon monoxide gas, which is colorless and odorless. Carbon monoxide is a dangerous gas that can cause unconsciousness and is potentially lethal. Do not run engine in confined areas such as a closed garage.

THROTTLE CONTROL

Throttle control regulates speed of engine as measured in RPM (Revolutions Per Minute). This control **should not** be used to regulate the ground speed.

Engine has been designed with a special governor that limits engine RPM. Unlike an automobile, this governor allows engine to operate most efficiently at a set speed and protects it from damage caused by excessive RPM. Always operate machine with throttle control set at $\frac{3}{4}$ to full speed.

STARTING ENGINE

To start engine, occupy seat. Move throttle control lever halfway to operate position. Pull choke control all the way out to cold position. Turn ignition key to start position to engage starter. When engine starts, release key. Switch is spring-loaded and will return to run position automatically.

CHOKE CONTROL

Choke control activates a "butterfly" valve in carburetor. When choke is partially or completely closed, less air is admitted to engine. This results in a higher fuel-to-air (richer) mixture that is required when engine is started cold. Warm engines may not need choking.

If the engine fails to start after 10 seconds of continuous cranking, turn the key to the OFF position and allow the starter motor to cool. Check for the cause of hard starting; consult the Troubleshooting Checklist.

CAUTION

Handle fuel with care – it is highly flammable. Use only approved fuel container. Never add fuel while engine is running. Fill fuel tanks outdoors with extreme care. Never fill fuel tanks indoors. Replace gasoline cap securely and wipe up all spilled fuel.

Once engine has started, slowly return choke control to its normal position. If engine stalls at low speeds, or hesitates during acceleration, choke should be applied as necessary until engine reaches normal operating temperature.

STOPPING ENGINE

To stop engine, move throttle lever to idle position and turn ignition key to OFF position. If engine has been working hard or engine is hot, allow engine to idle a short time before turning key off. This practice will help cool engine before stopping.

Note: In case of emergency, engine may be stopped by turning ignition key to OFF position.

CORRECT TRANSMISSION OPERATION TO GO FORWARD OR REVERSE

Machine is equipped with a separate transmission for each rear wheel. Transmissions are controlled with "Motion Control Levers," one for each wheel.

CAUTION

Always remove key when leaving machine unattended, even if for just a few minutes. Prevent accidents; don't give children or unauthorized persons an opportunity to operate this machine.

CAUTION

Sudden starts can be damaging to equipment and could cause loss of operator control.

For safe operation, never move the motion control lever too rapidly, especially on grades.

To go forward, push both levers forward evenly.
To go in reverse, pull back on both levers evenly.

OPERATING YOUR

MOWING MACHINE

TO CHANGE SPEED OR DIRECTION

To change direction of machine, slowly move levers to neutral and move levers in direction you want to go.

The further levers are moved away from neutral position, the faster machine will travel. To turn machine left or right, slow speed of wheel in direction you want to turn.

TO STOP

To stop machine, return both levers evenly to neutral position.

CORRECT MACHINE USAGE

CAUTION

Read manuals provided with attachments before operating. These manuals give a more detailed description of operation and point out other areas of caution. Familiarize yourself thoroughly with equipment before attempting to use it.

OPERATION OF THE MACHINE WITH MOWER

IMPORTANT

Keep all shields and mower discharge chute in place. Never attempt to clear discharge areas or mower blades without disengaging mower and removing ignition key.

For best operation on average lawns, operate engine at full throttle; control ground speed with transmission. Average lawns are usually cut at a height between 2 and 3 in. (5-7.6cm). Tall grass and weeds should be cut with the mower in its highest position, making a second pass cutting to height desired. Always keep mower blades sharp.

MOWING SPEED

Mower is designed to operate most efficiently at maximum blade speeds. Speed of machine should allow mower blades to maintain this maximum speed while mowing across turf. Slow machine for cutting tall grass, grass that is heavy with moisture, or when moving uphill. If ground speed is too fast, or blade speed is too slow, mowing will be uneven because mower blades will not be able to lift grass into cutting position as mower passes over ground.

MOWING HEIGHT

Best cutting height for your lawn has probably been established from previous experience. First time you mow, set mower to cut a little higher than you have in past. This will help you determine the best approach to uneven areas, to be sure wider cut does not result in scalping high spots, in general, recommended cutting height is 2 to 3 in. (5-7.6cm).

Very tall grass can be cut without difficulty by using a little care. Set mower in its highest cutting position and enter area slowly. If necessary, take a cut one half width of mower, overlapping previously cut area on each pass. Then, with mower set to desired height, make a finish cut over entire area.

DIXIE CHOPPER

SECTION 6

MOWER

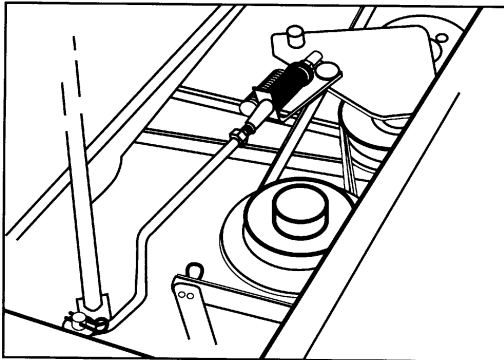
GENERAL

Refer to Usage Section of this manual for basic mowing information.

MOWER ADJUSTMENTS

Drive and Spindle Belts

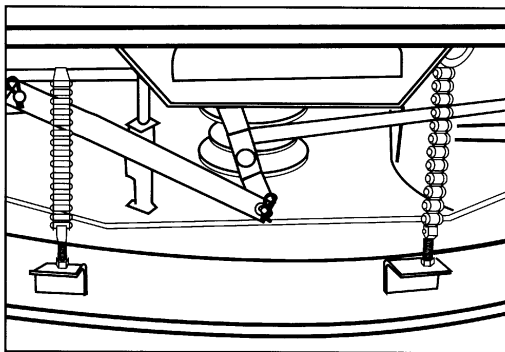
- Check that all belts seats in pulleys.
- Check that connecting arm spring height is 2 inches in the "engaged" position. Adjust turnbuckle if necessary.



Mower Drive and Spindle Belts

LEVEL MOWER

Side-to-side leveling of mower deck is accomplished by lowering mower and adjusting threaded eyebolts, at front of deck. Park mower on Level surface and place a level across front of mower deck or position mower blade tips side-to-side. Adjust eyebolts, so that mower is level or distance between right and left blade tip ends and surface is the same.



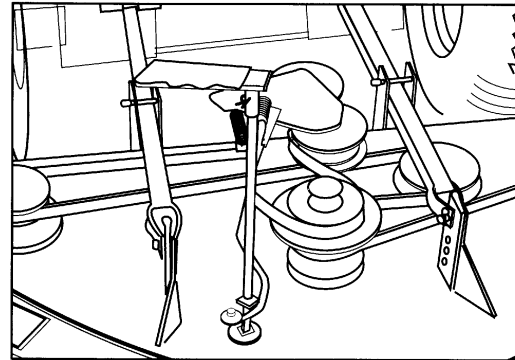
Side-To-Side Level Adjustment

Mower level front-to-rear is adjusted by changing stabilizer bar positions. Always adjust each side evenly. Adjust at rear or middle of stabilizer bar by removing hairpin cotters and clevis pins and raising or lowering stabilizer bar position, changing mower

deck pitch.

To Mow in 2 ½" to 4" cutting height range, leave as shipped. For cutting below 2 ½", it may be necessary to lower rear deck.

NOTE: NEVER allow rear of deck to be lower than front unless cutting height is in fully raised position (6"). And you are mowing tall weeds. This is the ONLY exception and will happen automatically with deck at fully raised position.



Front-To-Back Level Adjustment

BLADE MAINTENANCE

CAUTION

Sharp edges of mower blades can cut you during blade maintenance or adjustment. Use suitable covering over cutting edges of blade to prevent bodily harm.

To obtain optimum mower results, mower blades should be kept sharp and well balanced. To sharpen blades, simply lift front of machine and support it with jack stands or floor jack. Remove blade attaching bolts and washers from end of spindles and remove blades. A short piece of 2 x 4 lumber may be placed between side of mower deck and blade to "lock" it in position when loosening attaching hardware.

File or grind blades evenly. Take care to retain angle of original cutting edge. Blade balance can be checked on an inexpensive blade balancer, available at most hardware stores.

Reinstall blades with lift area (turned up section) facing mower deck. Tighten blade attaching bolts to a torque of 80-100 ft. lbs. (112-140nm).

UNDERSIDE CLEANING

It is of vital importance to clean the underside of deck frequently. Accumulation of matter clippings seriously impairs mower's ability to "lift" grass blades into cutting position and discharge clippings evenly. Matted grass clogging underside of mower is often cause of uneven cutting.

MOWER (CONTINUED)

MOWER DRIVE BELT REPLACEMENT

Be sure to purchase genuine Dixie Chopper belts for replacement purposes as these belts are designed specifically for each application.

TO REMOVE MOWER DRIVE BELT:

- Remove connecting arm bracket at triangle plate. This is done by removing hairpin cotter and washer pin on triangle plate.
- Remove belt from top groove of center deck pulley.
- Remove triangle plate from its stand at the rear of the mower deck.
- Loosen engine belt guard at mounting bolts near the engine at the rear of the machine, and remove belt from double groove engine pulley.
- Remove flat idler pulley from triangle plate allowing belt removal. Note location of shim under pulley.

MOWER SPINDLE BELT REPLACEMENT

Be sure to purchase genuine Dixie Chopper belts for replacement purposes as these belts are designed specifically for each application.

TO REMOVE MOWER SPINDLE BELT:

- Remove connecting arm bracket at triangle plate.
- Remove engine to deck belt from top groove of center spindle.
- Make note of wrapping procedure of belt to insure placement of new belt.
- Grasp belts on both sides of either outboard deck spindle and pull belt away from pulley until it is possible to remove belt. Once this is done remove from remaining pulleys and discard.

(FOR MOWER BELT INSTALLATION, REVERSE SEQUENCE OF REMOVAL PROCEDURES.)

CLEANING AND STORAGE

After 30 days, painted surfaces may be waxed to protect the luster of the original finish. Machine should be washed regularly with a mild automotive type detergent and water.* Exposed bare metal surfaces should be coated with oil, or a light coating of grease, to prevent rust until permanent repairs can be made. Aerosol cans of touch up paint are available through your Authorized Dealer.

When the machine will not be used for an extended period of time, the following steps will help insure minimum difficulty when unit is returned to service:

- Perform required maintenance steps called for in the "Maintenance Checklist".
- Check tires for proper inflation
- Wash machine and repaint all bare metal surfaces.
- Start machine and engage mower for approximately 1 minute to remove excess water from belts and pulleys. Let engine run out of gas. As gasoline grows old, it becomes less volatile and forms harmful gum and varnish deposits in carburetor and fuel system. **DO NOT STORE GASOLINE FOR MORE THAN 2 MONTHS.**
- If applicable, charge battery. In temperatures lower 40°F (4°C) a battery will maintain a charge for about 60 days. In temperatures above 40°F (4°C) water level should be checked and battery "trickle charge" every 30 days (more often in higher temperatures). Battery must be fully charged to prevent freezing and internal damage in weather below 32°F (0°C).
- Remove key from machine.
- Cover seat switch and solenoid from direct water spray.

DIXIE CHOPPER



1



10



19



2



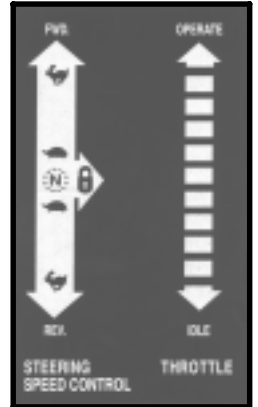
11

MODEL	BELTS			
	DRIVE	BLADE	WAX	WAX
42"	2034 8 - 34	4082 8 - 40	4270 8 - 44	4270 8 - 44
50"	2034 8 - 34	4082 8 - 40	4270 8 - 44	4270 8 - 44
60"	2034 8 - 34	4082 8 - 40	4270 8 - 44	4270 8 - 44
72"	2034 8 - 34	4082 8 - 40	4270 8 - 44	4270 8 - 44

20



27



28



3



12



21

OWNER RESPONSIBILITIES:

SAFETY CHECKS
 Clean Air Filter Pre Cleaner
 Check Engine Oil
 Clean Air Intake Screen*

PERIODIC CHECKS
 Clean Engine Cooling Fins (1 Year)
 Every 50 Hours*
 Replace Paper Air Filter Element and Check for Loose Components Every 100 Hours*
 Have Valve Clearance Checked First 200 Hours and Every 100 Hours Thereafter
 *MORE FREQUENT UNDER EXTREME CONDITIONS

FAILURE TO PERFORM THE ABOVE WILL RESULT IN PREMATURE ENGINE FAILURE!

FAILURE TO PROVIDE MAINTENANCE MAY VOID THE WARRANTY!
 CONSULT YOUR LOCAL DISTRIBUTOR FOR FURTHER MAINTENANCE RECOMMENDATIONS

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4



13



22

⚠ DANGER TO AVOID INJURY

NEVER MOW SIDE HILL OVER 5°

NEVER MOW UP HILL OVER 10°

NEVER MOW SLOPE OVER 15°

NEVER MOW SLOPE OVER 18°

* STOP BLADE & BACK SLOWLY IF MACHINE STOPS GOING UPHILL. NEVER MOW NEAR PEOPLE
 * NEVER USE WHEN UNDER INFLUENCE OF DRUGS OR ALCOHOL. NEVER CARRY PASSENGERS
 * SET PARKING BRAKE & REMOVE KEY IF LEAVING MACHINE. AVOID SLIPPERY OR STEEP AREAS
 * AVOID BLADE UNLESS BLADE & ENGINE ARE STOPPED. USE SAFETY. MACHINE IS NOT A TOY!
 * KNOW LOCATION AND FUNCTION OF CONTROLS. REMOVE POTENTIAL THROWN OBJECTS
 * KEEP SAFETY DEVICES IN PLACE AND WORKING. LOOK BEHIND MACHINE BEFORE BACKING.
READ OWNER'S MANUAL

30



5



14



23

CAUTION

Emergency Brake for Emergency stopping only !!
 Frequent use of Emergency Brake while starting or running engine may cause starter and belt Failure.

Hydraulic lock - up occurs with engine off.

Emergency Brake has no effect with engine off.

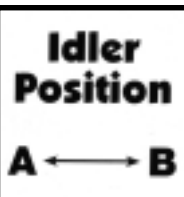
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6



15



24

CAUTION: MOTOR OIL ONLY!

When adding oil to oil tank for hydrostats, use multigravity 15W/40W or higher, or straight weight motor oil 30W or higher.

Do Not Add Automatic Transmission Fluid or Hydraulic Fluid! This voids the Warranty!

Change oil only if there is evidence of water contamination or discoloration. Original equipment oil will be green in color. Change filter once yearly or every 1,000 hours.

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7



16



25

⚠ CAUTION TO AVOID INJURY!

READ OPERATOR'S MANUAL. KNOW LOCATION & FUNCTION OF CONTROLS. MAINTAIN SAFETY DEVICES. REMOVE POTENTIAL THROWN OBJECTS. NEVER MOW NEAR PEOPLE. NEVER CARRY PASSENGERS. LOOK BEFORE BACKING. AVOID SLIPPERY OR STEEP AREAS. STOP BLADE & BACK SLOWLY IF MACHINE STOPS GOING UPHILL. AVOID BLADE UNLESS BLADE & ENGINE ARE STOPPED. SET PARKING BRAKE & REMOVE KEY IF LEAVING MACHINE.

34



8



17



26

⚠ DANGER

KEEP HANDS & FEET AWAY. DO NOT OPERATE MOWER UNLESS GUARD OR GRASS CATCHER IS ATTACHED.

33



9



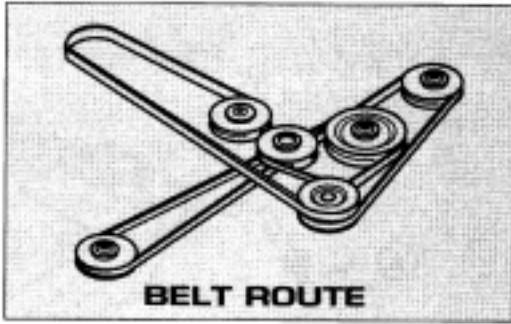
18

⚠ CAUTION

Shut off engine before refueling. Never fill fuel tank indoors or when engine is hot. Wipe up all spilled gasoline before starting engine. Do not smoke while refueling.

35

DIXIE CHOPPER



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NOTICE
 WARRANTY TO BE USED ONLY TO COVER CORRECTION OF MANUFACTURING DEFECTS. IT WILL NOT BE USED TO COVER LACK OF MAINTENANCE, OPERATOR MIS-USE, NORMAL WEAR, ACCIDENTS, CUSTOMER DISSATISFACTION OR TRANSPORTATION CHARGES TO AND FROM THE SERVICING DEALER

41

**PATENT
 PENDING**

37



42

 DANGER 	<p>OPERATOR CONTROLLED DISCHARGE CHUTE OCDC</p>
	<p>Safe operation of this vehicle is the sole responsibility of the operator. Safety is an ATTITUDE and it starts with you!</p>

38

*****NOTICE*****
 For best performance, minimum engine RPM should be 3750 under no load. Continuous operation below 3500 RPM will result in engine over-heating and an unacceptable quality cut. RPM may be reduced for trimming and/or other light load duties. If the engine cannot maintain 3500 RPM, under a load, operator should reduce ground speed, consult manual, and/or contact your dealer for any questions or necessary adjustments.

43



39



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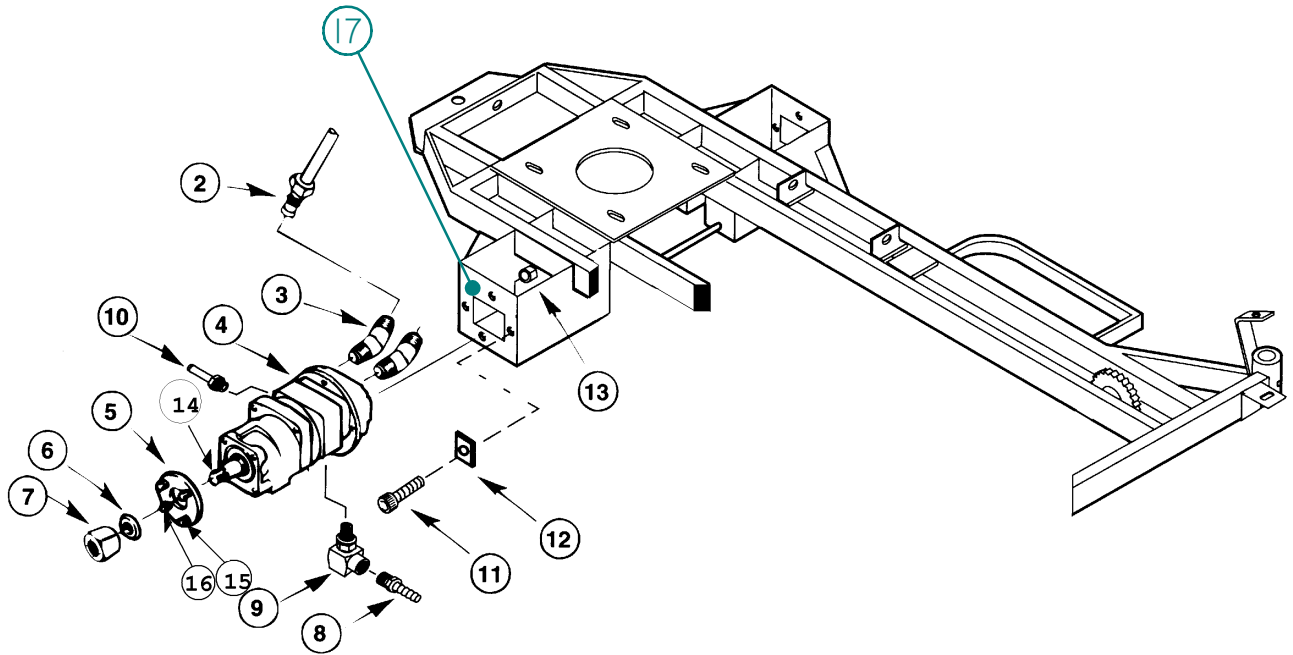
DECALS

SECTION 8

ITEM NO.	DESCRIPTION	PART NO.
1	LX2002 Front Panel.....	65439
2	X2002 Front Panel.....	65440
3	X2000 Front Panel.....	65403
4	X2202 Front Panel.....	65443
5	X2200 Front Panel.....	65404-22
6	X2502 Front Panel.....	97068
7	X2500 Front Panel.....	97066
8	XF2200 Front Panel.....	65445
9	XF2500 Front Panel.....	65446
10	XW2002 Front Panel.....	65441
11	XW2000 Front Panel.....	65417
12	XW2202 Front Panel.....	65444
13	XW2200 Front Panel.....	65419
14	XW2502 Front Panel.....	97067
15	XW2500 Front Panel.....	65428
16	42 Inch Cut.....	65407
17	50 Inch Cut.....	65408
18	60 Inch Cut.....	65409
19	Flatlander.....	65430
20	Belt Info.....	65423
21	Choke.....	65412-C
22	Ignition.....	65412-I
23	Check Oil.....	65431
24	Idler Position.....	97014
25	Tractor Buster.....	30586
26	No Smart Spark.....	97126
27	Brake and Steering.....	40202-87
28	Throttle.....	40203-87
29	Air Filter.....	30589
30	Hillside Caution.....	30588
31	Parking Brake.....	65406
32	Motor Oil Caution.....	97013
33	Deck Danger.....	30229
34	Fender Caution.....	30585
35	Fuel Caution.....	40118
36	Belt Route.....	65422
37	Patent Pending.....	65413
38	OCDC Safety.....	97072
39	Fender.....	30571
40	Floor Pan.....	30573
41	Warranty Notice.....	30591
42	USA.....	30590
43	RPM Decal.....	97160

MAIN FRAME
LX,X,XF, and XW Models

SECTION 9



MAIN FRAME LX,X,XF,and XW MODELS

SECTION 9

ITEM		
No.	DESCRIPTION	PART NO.
1a.	LX Main Frame.....	67100
1b.	X, XF-50 Main Frame.....	65100
1c.	XF-60, XW Main Frame.....	65100-W
2.	Hydraulic Line Right (Long Rubber)	
	LX-Model.....	67010
	X,XF, and XW-Models.....	65010
	Hydraulic Line Left (Short Rubber)	
	LX, and XF-Models.....	67011
	X,and XW-Models.....	65011
3.	Fitting 45° LX-Model.....	87103
	Fitting - Straight X,XF,XW-Model.....	87104
4.	LX,X,XW Wheel Motor Axle (14ci)....	67114
	XF Wheel Motor Axle (12ci).....	67112
5.	Wheel Hub	67002
6.	Cupped Washer 1 1/4" Axle.....	W-137
7.	Solid Nut 1 1/4" Axle.....	PB339303P
8.	3/8" Barbed Fitting.....	67014
9.	3/8" 90° Swivel.....	67017
10.	3/8" Straight Nipple.....	67016
11.	Wheel Motor Bolt.....	B-183
12.	Wheel Motor Square Washer.....	W-138
13.	Wheel Motor Nut.....	N-127
14.	1/4" Key.....	PB339101
15.	Stud 1/2"-20x2.0".....	B-226
16.	Lug Nut.....	N-113
17.	Wheel Motor Faceplate.....	65019

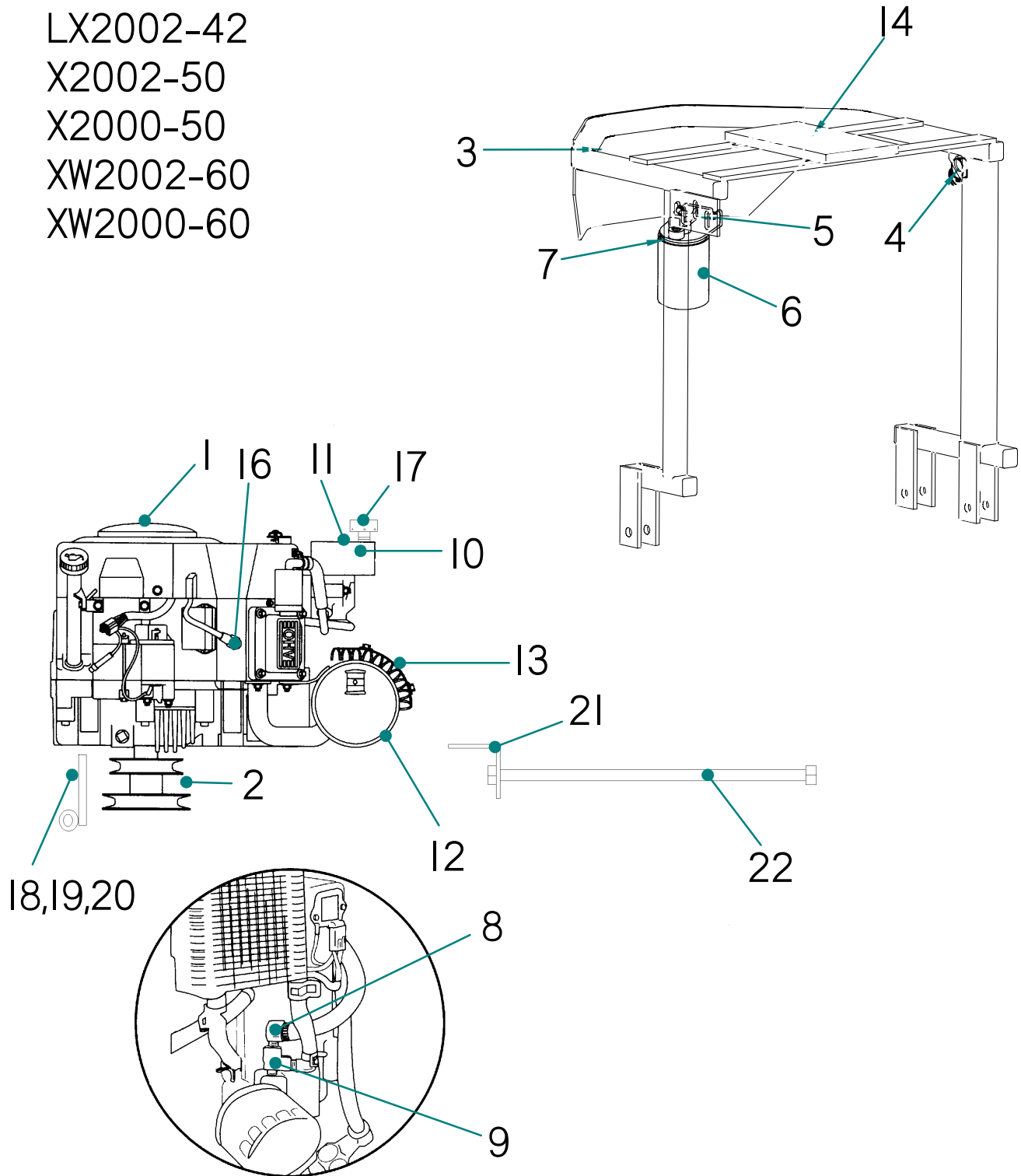
DIXIE CHOPPER

KOHLER COMMAND 20 Hp ENGINE

SECTION 9

MODELS:

- LX2002-42
- X2002-50
- X2000-50
- XW2002-60
- XW2000-60



ITEM NO.	DESCRIPTION	PART NO.
1.	Kohler Engine CV20	40215-C20V
2.	Engine Pulley	97009
	1/4" Key	K-100
3.	Engine Guard	70100-20
4.	Low Oil Horn	60117
5.	90° Fitting 1/8" MP-3/8" 45° MS	60113
6.	Amsoil One Micron Filter	60119
7.	Filter Mounting Base	60122
8.	90° Fitting 1/4" MP x 3/8" Barb	67019
9.	1/4" Street "T"	67022
10.	Plenum Cover	72120
11.	Plenum Cover Knob	12-341-01
12.	Muffler	24-068-20
13.	Muffler Guard	
	Wire Screen	40136-OS
	Solid (HOT)	24-281-06
	Stainless (DIXIE CHOPPER - HOT)	97069
14.	Hydro Cooler	60103-L
15.	Wiring Harness (not shown)	65522
16.	Spark Plug	RC12YC
17.	Turbo Pre-Cleaner	90115
18.	Belt Guide Assembly	72220 (2-72217, 1-72222, 4-N110)
	Belt Guide Weldment	72217
19.	1/2" Thread All (not shown)	72222
20.	1/2"-13 Hex Nut (not shown)	N-110
21.	Pull Stop	72216
22.	1/2" Thread All w/ welded nut	40221
	Kohler Oil Filter.....	12-050-01
	Air Filter Cartridge.....	24-083-03
	Air Filter Foam.....	24-083-05
	Fuel Filter.....	25-050-03
	Spark Plug.....	RC12YC

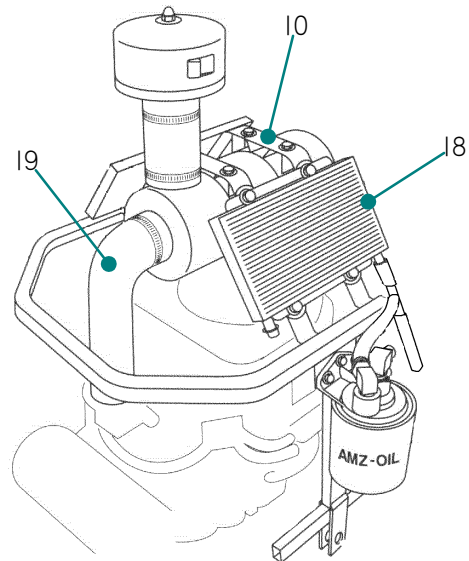
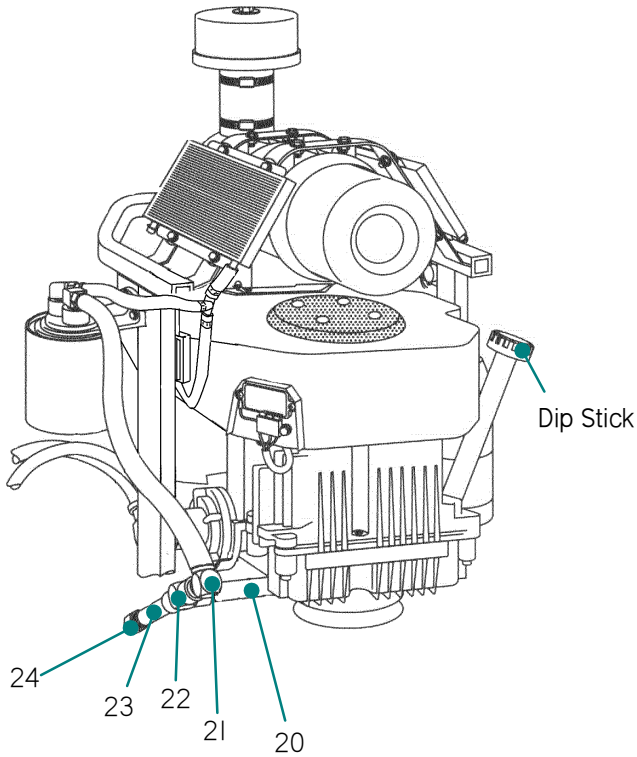
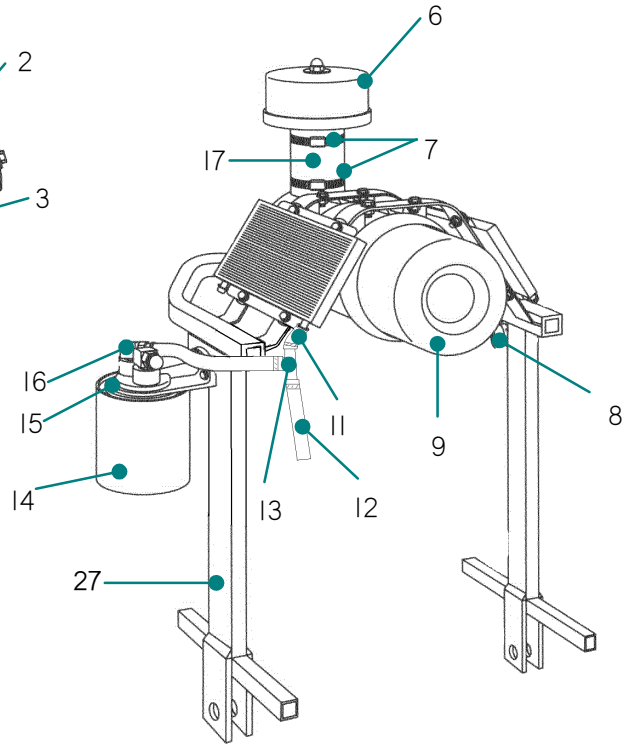
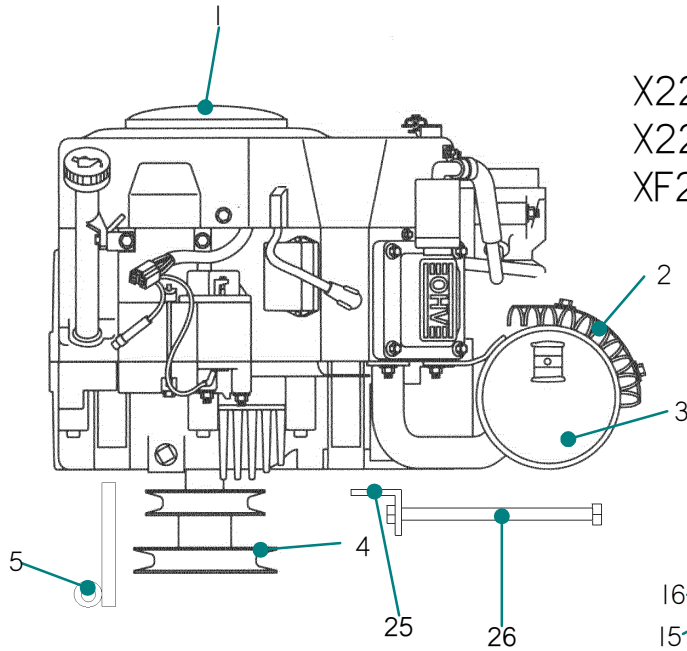
DIXIE CHOPPER

KOHLER COMMAND 22 Hp ENGINE

SECTION 9

MODELS

X2202-50	XF2200-60
X2200-50	XW2202-60
XF2200-50	XW2200-60



KOHLER COMMAND 22 ENGINE

SECTION 9

ITEM

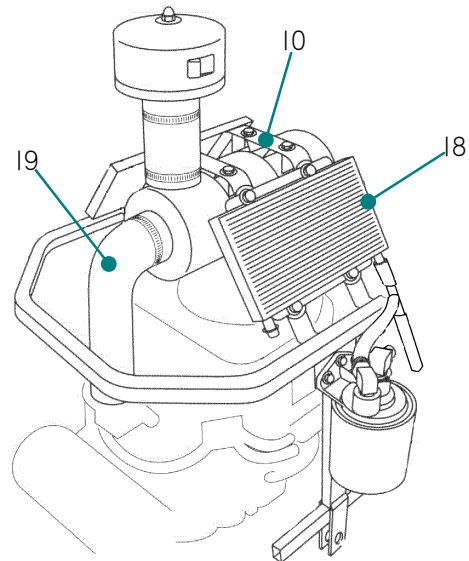
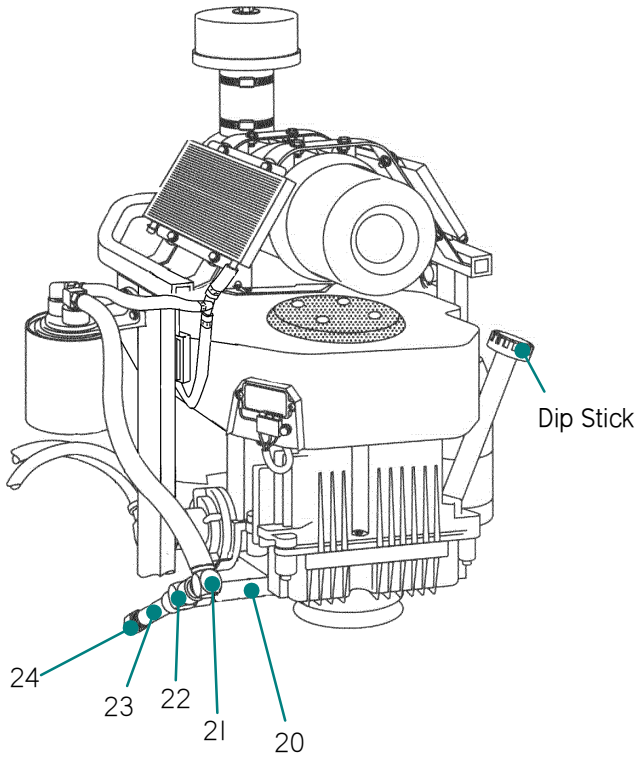
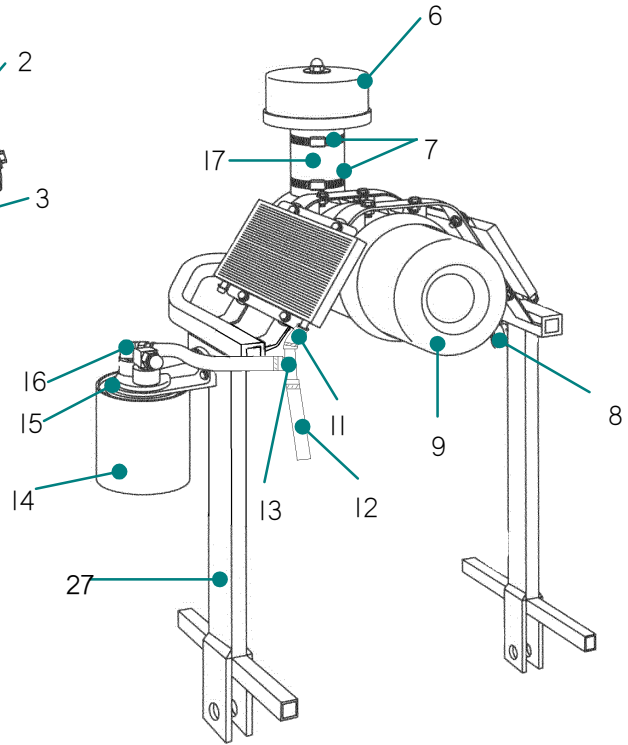
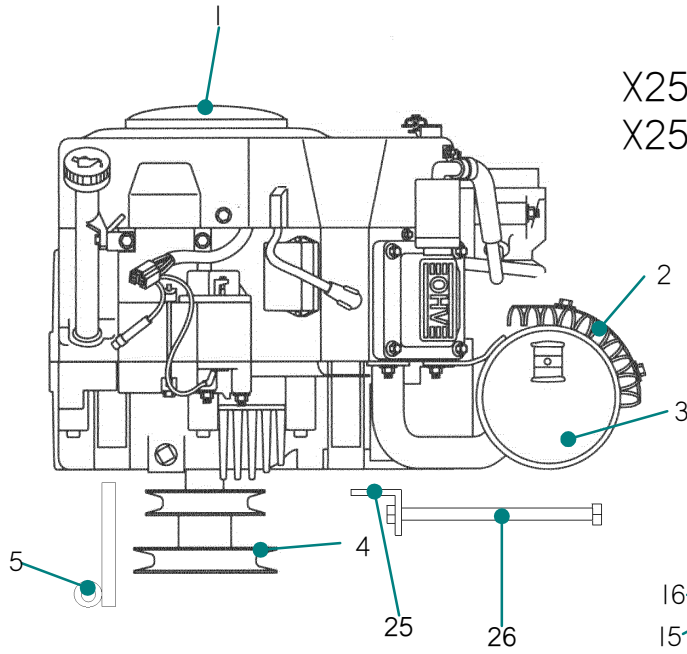
NO.	DESCRIPTION	PART NO.
1.	Kohler Command 22 HP Engine.....	40215-K22V
2.	Muffler Guard	
	Wire Screen.....	40136-OS
	Solid (HOT).....	24-281-06
	Stainless Steel(DIXIE CHOPPER - HOT).....	97069
3.	Muffler.....	24-068-20
4.	Engine Pulley.....	97009
	1/4" Key.....	K-100
5.	Belt Guide Assembly (includes items below).....	72220 (2-72217,1-72222, 4-N110)
	Belt Guide Welment.....	72217
	1/2" Thread All (not shown).....	72222
	1/2"-13 Hex Nut (not shown).....	N-110
6.	Turbo Pre-Cleaner.....	90115
7.	2" Hose Clamp.....	90125
8.	Low Oil Horn.....	60117
9.	Donaldson Air Cleaner (Complete).....	90121
	Donaldson Filter Element.....	90122
10.	Donaldson Band.....	90123
11.	#4 Micro Hose Clamp.....	68231
12.	3/8" id Black Rubber Hose (sold per inch).....	60109
13.	3/8" Brass Barb "T" Fitting.....	67008
14.	Amsoil Filter.....	60119
15.	Amsoil Filter Base.....	60122
16.	3/8" MP x 3/8" Barb 90° Brass Fitting.....	60113
	3/8" FP x 3/8" Barb Brass Fitting.....	60116
17.	2" id x 4.0" Black Rubber Hose.....	72126-T
18.	Oil & Transmission Cooler.....	60103-L
19.	2" id 90° Black Rubber Hose.....	90124
20.	3/8" id MP x 3.0" Steel Pipe.....	72230
21.	3/8" MP x 3/8" Barb 90° Brass Fitting.....	60125
22.	3/8" FP Zinc Coated Steel "T" Fitting.....	60102
23.	3/8" MP Oil Drain Hose.....	68230
24.	3/8" Female Hex Pipe Cap.....	10231
25.	Pull Stop.....	72216
26.	1/2" Thread All w/ welded nut.....	40221
27.	Cooler Bracket.....	70100-22
	Kohler Oil Filter.....	277233
	Air Filter Cartridge.....	24-083-03
	Air Filter Foam.....	24-083-05
	Fuel Filter.....	25-050-03
	Spark Plug.....	RC12YC

DIXIE CHOPPER

KOHLER COMMAND 25 Hp ENGINE

SECTION 9

MODELS
X2502-50 XF2500-60
X2500-50 XW2502-60
XW2500-60



KOHLER COMMAND 25 Hp ENGINE

SECTION 9

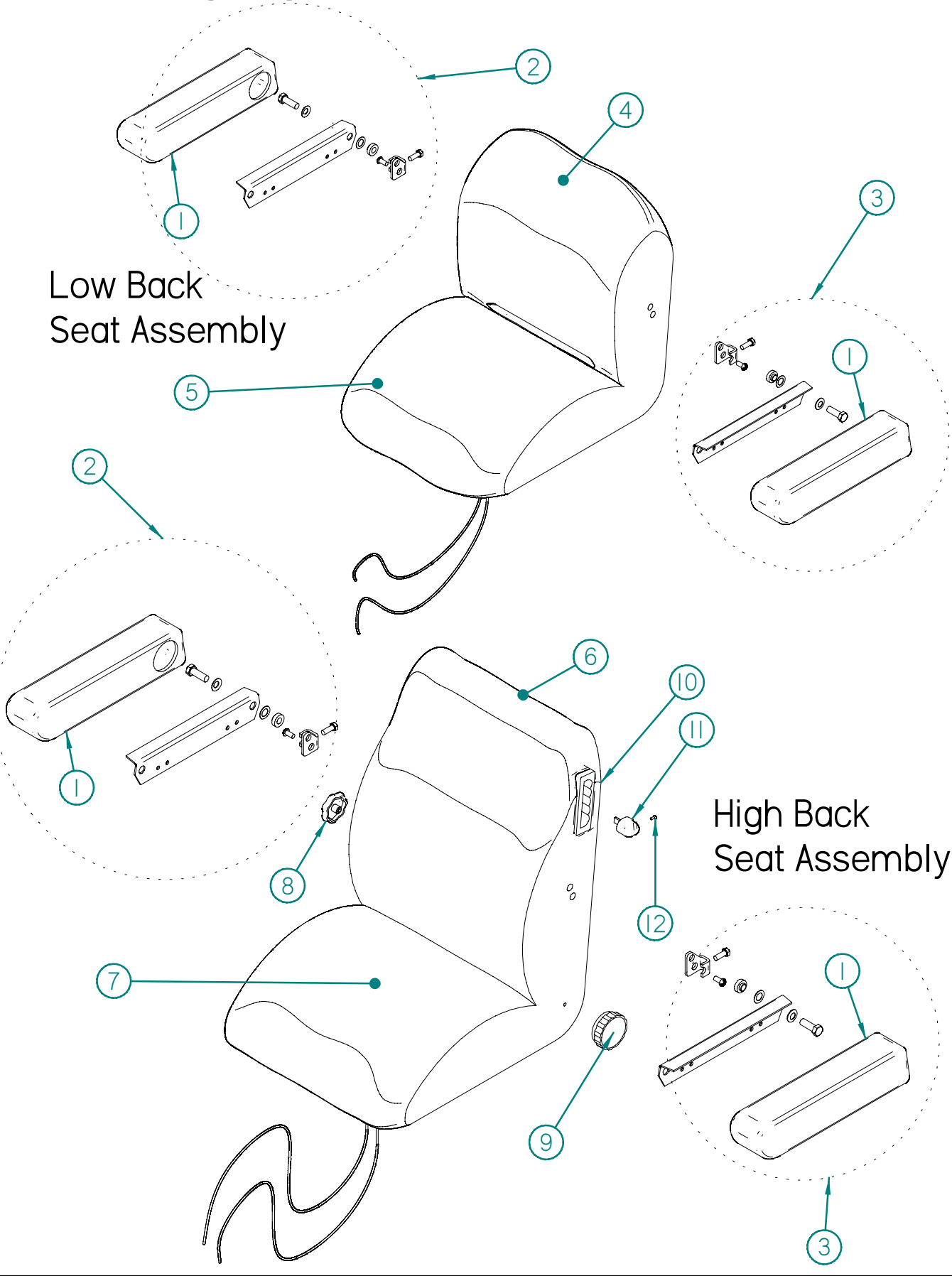
ITEM

NO.	DESCRIPTION	PART NO.
1.	Kohler Command 22 HP Engine.....	40215-K25CV
2.	Muffler Guard	
	Solid (HOT).....	24-281-06
	Stainless Steel(DIXIE CHOPPER - HOT)	97070
3.	Muffler.....	24-068-28
4.	Engine Pulley.....	97009
	Fan Spacer.....	97154
	Fan.....	97107
	1/4" Key.....	K-100
5.	Belt Guide Assembly (includes items below)	72220 (2-72217,1-72222, 4-N110)
	Belt Guide Welment.....	72217
	1/2" Thread All (not shown).....	72222
	1/2"-13 Hex Nut (not shown).....	N-110
6.	Turbo Pre-Cleaner.....	90115
7.	2" Hose Clamp.....	90125
8.	Low Oil Horn.....	60117
9.	Donaldson Air Cleaner (Complete).....	90121
	Donaldson Filter Element.....	90122
10.	Donaldson Band.....	90123
11.	#4 Micro Hose Clamp	68231
12.	3/8" id Black Rubber Hose (sold per inch).....	60109
13.	3/8" Brass Barb "T" Fitting.....	67008
14.	Amsoil Filter.....	60119
15.	Amsoil Filter Base.....	60122
16.	3/8" MP x 1/8" MP 90° Brass Fitting.....	60113
	3/8" FP x 3/8" Barb Brass Fitting.....	60116
17.	2" id x 4.0" Black Rubber Hose.....	72126-T
18.	Oil & Transmission Cooler.....	60103-L
19.	2" id 90° Black Rubber Hose.....	90124
20.	3/8" id MP x 4.0" Steel Pipe.....	10230
21.	3/8" MP x 3/8" Barb 90° Brass Fitting.....	60125
22.	3/8" FP Zinc Coated Steel "T" Fitting.....	60102
23.	3/8" MP Oil Drain Hose.....	68230
24.	3/8" Female Hex Pipe Cap.....	10231
25.	Pull Stop.....	72216
26.	1/2" Thread All w/ welded nut.....	40221
27.	Cooler Bracket.....	70100-22
	Kohler Oil Filter.....	277233
	Air Filter Cartridge.....	24-083-03
	Air Filter Foam.....	24-083-05
	Fuel Filter.....	25-050-03
	Spark Plug.....	RC12YC

DIXIE CHOPPER

Low Back
Seat Assembly

High Back
Seat Assembly



High/Low Back Seat

SECTION 9

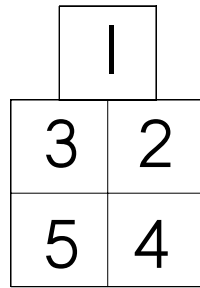
Item	Description	Part Number
1	Arm Rest Cover	40097
2	RH Armrest Kit	40095
3	LH Armrest Kit	40096
4	Low Back Seat Top Cover	40099
5	Low Back Seat Bottom Cover	40100
6	High Back Seat Top Cover	40098
7	High Back Seat Bottom Cover	64100
8	Right Lumbar Adjustment Knob	64098
9	Left Back Adjustment Knob	64099
10	Vertical Adjustment Detent Guide	64096
11	4-Way Lumbar Vertical Adjustment Knob	64097
12	Self Tapping Screw	64095
	Low Back Seat Complete	40100-W
	High Back Seat Complete	64100-W

DIXIE CHOPPER

ELECTRICAL SYSEM (20,22,and 25 Hp)

SECTION 9

Kohler Wiring
Harness

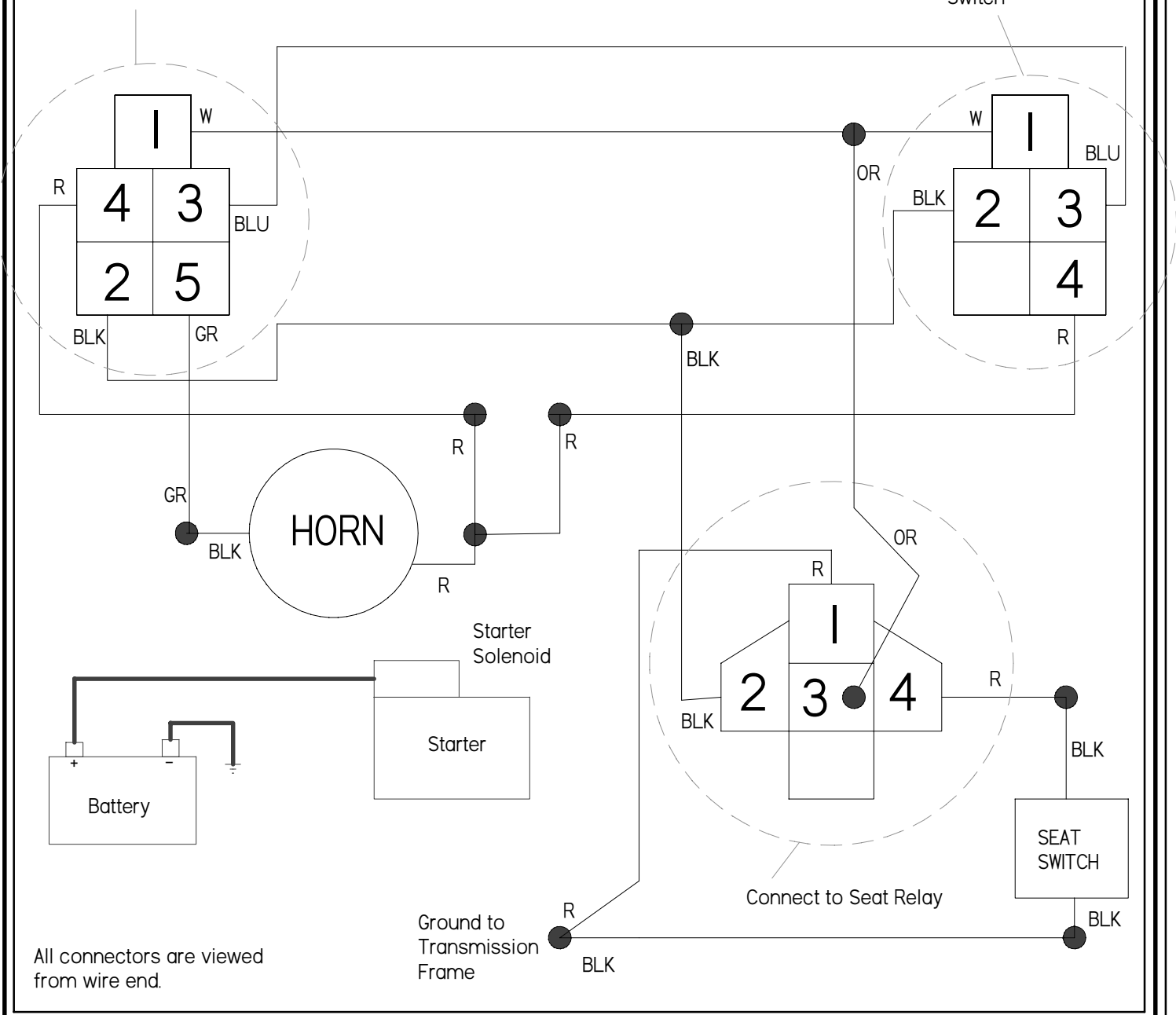


1. White (kill wire)
2. Red (charge wire)
3. Blue (start wire)
4. Fused wire (to hot post on starter)
5. Green (from oil sending unit)

Dixie Chopper Wiring Harness

Connect to Kohler
Wiring Harness

Connect to Ignition
Switch



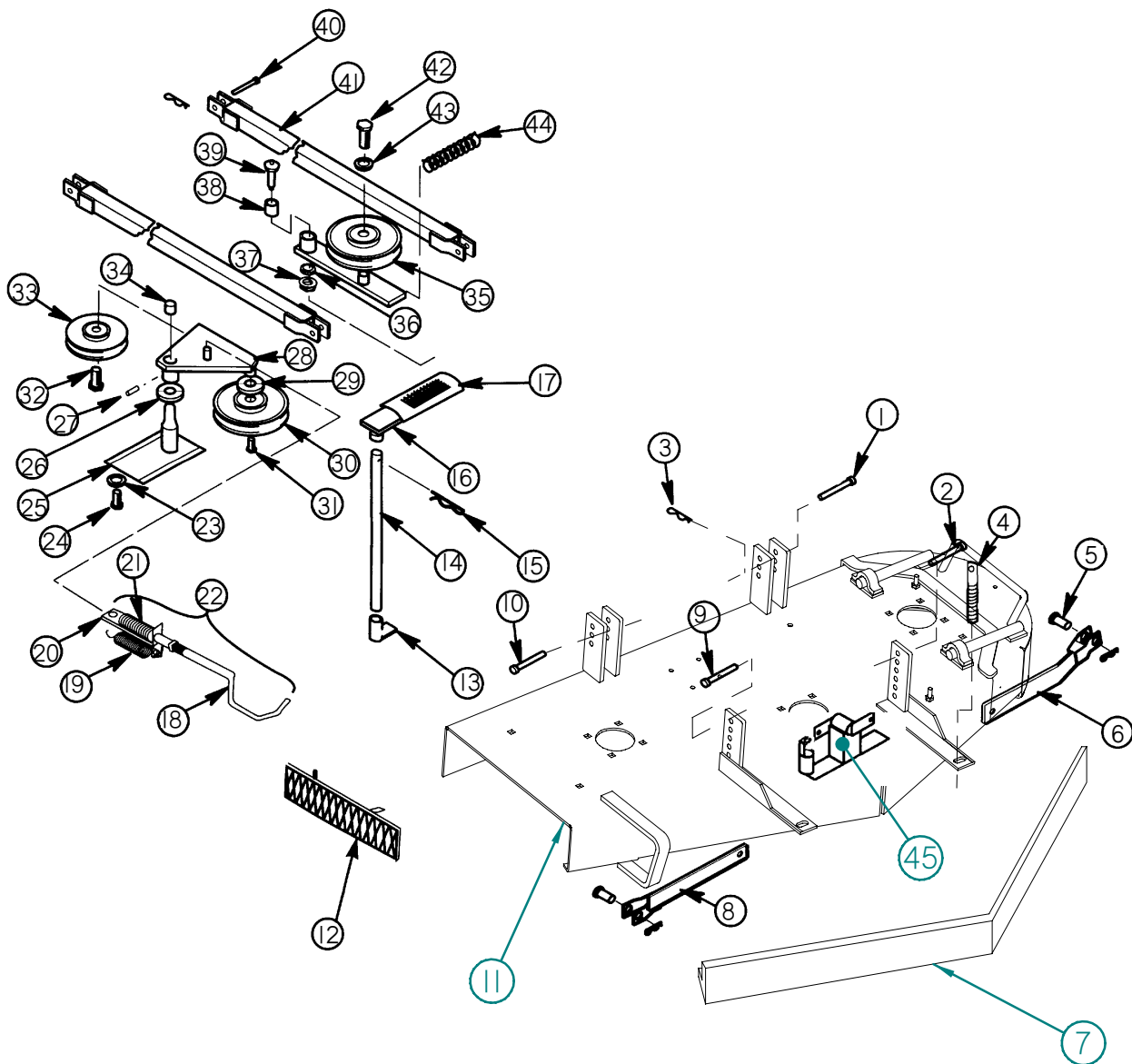
ELECTRICAL SYSTEM 20,22, and 25 Hp COMMAND ENGINES

ITEM NO.	DESCRIPTION	PART NO.
1.	Hour Meter/Tach.....	20246-T
2.	Ignition Switch.....	20245
3.	Seat Relay.....	65510
4.	3/8" Hose Clamp (For Tilt Switch).....	60124
5.	Battery.....	20225
6.	Battery Strap.....	20228
7.	Battery Cable Boot.....	20225-B
8.	Fuse Holder.....	20254
9.	20,22,and 25 Hp Dixie Chopper Wiring Harness.....	65522
10.	Battery Cable Grd (12").....	20226-B
11.	Battery Cable Positive.....	20227-72
12.	Tach Bracket.....	68247
13.	Tilt Switch.....	40229-Z
14.	Mini Fuse.....	65509

DIXIE CHOPPER

42" MOWER DECK

SECTION 9



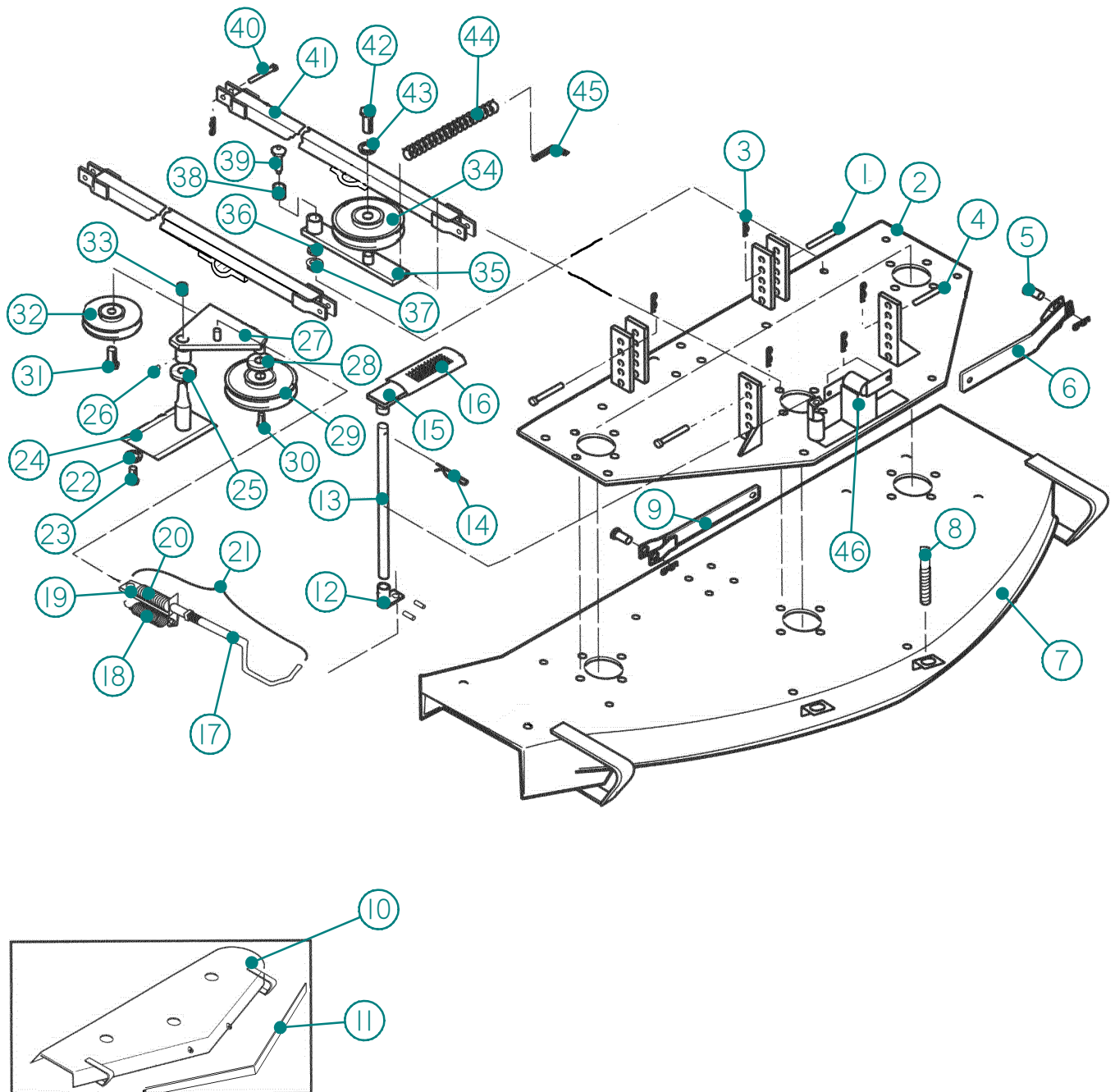
42" MOWER DECK

SECTION 9

Complete 42" Deck 30200-42

ITEM NO.	DESCRIPTION	PART NO.	ITEM NO.	DESCRIPTION	PART NO.
1.	Clevis Pin 3/8"x2-1/4" Long.....	P-103	31.	Hex Bolt 1/2"-13 x 3/4".....	B-115
2.	Clevis Pin 3/8"x1-1/2" Long.....	P-102	32.	Hex Bolt 5/8"-11 x 1".....	B-120
3.	Hairpin Cotter.....	20224	33.	"V"-Idler Pulley.....	30234
4.	Rod End Stud.....	S-114 (#50)	34.	Bronze Bushing.....	30206
	Nut.....	N-157	35.	Flat Idler Pulley.....	30224
	Deck Lift Chain #50.....	68217	36.	3/8" Flat Washer.....	W-104
	Master Link #50.....	10232	37.	Ser. Flange Hex Nut 3/8"-16.....	N-108
5.	Clevis Pin 5/16"x1".....	P-101	38.	Bronze Bushing.....	20276
6.	L.H. Scissor Link Arm.....	30232	39.	Shoulder Bolt 1/2"-13 x 1-3/4".....	B-118-G
7.	42" Blow-Out Baffle.....	50315-42	40.	Clevis Pin 3/8" x 1-1/4".....	P-102
8.	R.H. Scissor Link Arm.....	30231	41.	Stabilizer Bar.....	30214-86
9.	Clevis Pin 3/8"x1-1/2" Long.....	P-102	42.	Hex Bolt 1/2"-13 x 1-1/4".....	B-117
10.	Clevis Pin 3/8"x2-1/4" Long.....	P-103	43.	1/2" Flat Washer.....	W-109
11.	42" Mower Deck Complete.....	30200-42	44.	Long Tensioning Spring.....	10222
	42" Mower Deck Shell.....	67350	45.	Tower Assembly Weldment.....	67131
12.	Mulch Plate.....	50122-42		Deck Spindle Belt (A-89).....	63203
13.	Cam Weldment.....	30210			
14.	Engaging Shaft.....	30211			
15.	Hairpin Cotter.....	30213			
16.	Engaging Handle.....	30212			
17.	Handle Grip.....	67258-R			
18.	Engaging Rod.....	68209			
19.	Return Spring.....	20217-25			
20.	L Bracket.....	30209-B			
21.	Engaging Spring.....	30207-S			
22.	Engaging Rod Assembly.....	30209-1			
23.	Hex Nut 1/4"-20.....	N-102			
24.	Hex Bolt 1/4"-20 x 3/4".....	B-102			
25.	Belt Tensioning Pivot.....	30235			
26.	5/8" Shim (4).....	30112			
27.	Grease Fitting.....	F-100			
28.	Belt Tensioning Swing Arm.....	30236			
29.	1/2" Lock Washer.....	W-111-V			
30.	Flat Idler Pulley.....	30224			

DIXIE CHOPPER



50" MOWER DECK

SECTION 9

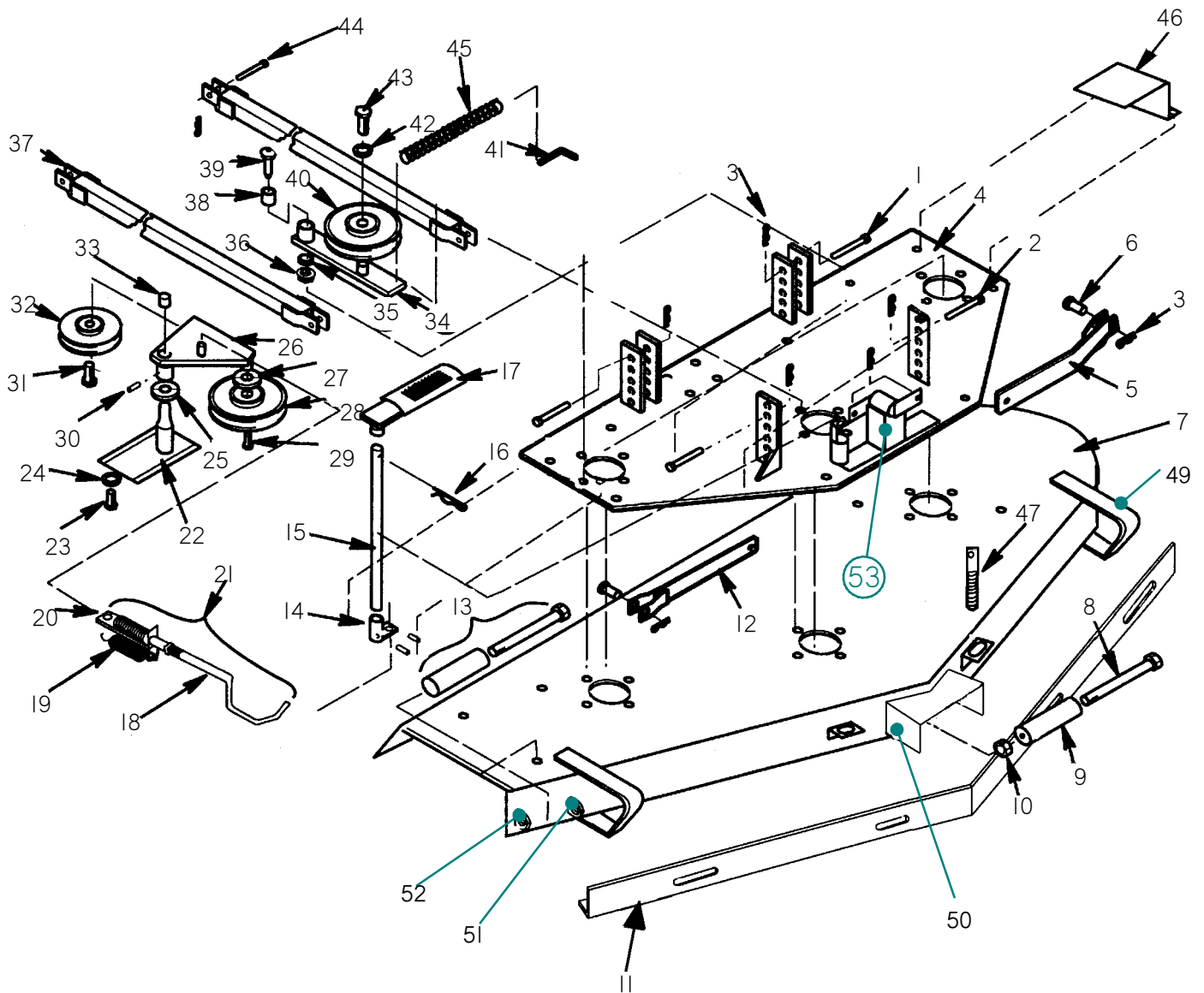
Complete Light Duty (Stamped) Deck 30200-50
 Complete Heavy Duty Deck 30200-H50

ITEM NO.	DESCRIPTION	PART NO.	ITEM NO.	DESCRIPTION	PART NO.
1.	Clevis Pin 3/8"x2-1/4" Long.....	P-103	31.	Hex Bolt 5/8"-11 x 1".....	B-120
2.	50" Top Plate Weldment.....		32.	"V"-Idler Pulley.....	30234
3.	Hairpin Cotter.....	20224	33.	Bronze Bushing.....	30206
4.	Clevis Pin 3/8"x1-1/2" Long.....	P-102	34.	Flat Idler Pulley.....	30224
5.	Clevis Pin 5/16"x1".....	P-101	35.	Belt Idler Arm.....	30223
6.	L.H. Scissor Link Arm.....	30232	36.	3/8" Flat Washer.....	W-104
7.	50" Stamped Mower Deck Complete..	30200-50	37.	Ser. Flange Hex Nut 3/8"-16.....	N-108
	50" Stamped Mower Deck Shell..	30100	38.	Bronze Bushing.....	20276
8.	Rod End Stud.....	S-114 (#50)	39.	Shoulder Bolt 1/2"-13 x 1-3/4".....	B-118-G
	Nut.....	N-157	40.	Clevis Pin 3/8" x 1-1/4".....	P-102
	Deck Lift Chain #50.....	68217	41.	Stabilizer Bar.....	30214-86
	Master Link #50.....	10232	42.	Hex Bolt 1/2"-13 x 1-1/4".....	B-117
9.	R.H. Scissor Link Arm.....	30231	43.	1/2" Flat Washer.....	W-109
10.	50" H.D. Mower Deck Complete..	30200-H50	44.	Long Tensioning Spring.....	10222
	50" H.D. Mower Deck Shell.....	30100-H50	45.	Spring Tab.....	65308
11.	50" Blow-Out Baffle (Stamped Deck)	50315-50	46.	Tower Assembly Weldment.....	67131
	50" Baffle (H.D. Deck).....	50315-H50			
12.	Cam Weldment.....	30210		Deck Spindle Belt (B-103).....	30203
13.	Engaging Shaft.....	30211			
14.	Hairpin Cotter.....	30213			
15.	Engaging Handle.....	30212			
16.	Handle Grip.....	67258-R			
17.	Engaging Rod.....	68209			
18.	Return Spring.....	20217-25			
19.	L Bracket.....	30209-B			
20.	Engaging Spring.....	30207-S			
21.	Engaging Rod Assembly.....	30209-1			
22.	Hex Nut 1/4"-20	N-102			
23.	Hex Bolt 1/4"-20 x 3/4".....	B-102			
24.	Belt Tensioning Pivot.....	30235			
25.	5/8" Shim (4).....	30112			
26.	Grease Fitting.....	F-100			
27.	Belt Tensioning Swing Arm.....	30236			
28.	1/2" Lock Washer.....	W-111-V			
29.	Flat Idler Pulley.....	30224			
30.	Hex Bolt 1/2"-13 x 3/4".....	B-115			

DIXIE CHOPPER

60" MOWER DECK

SECTION 9



60" MOWER DECK

SECTION 9

COMPLETE 60" DECK (CAST PULLEYS) 30220-60

ITEM

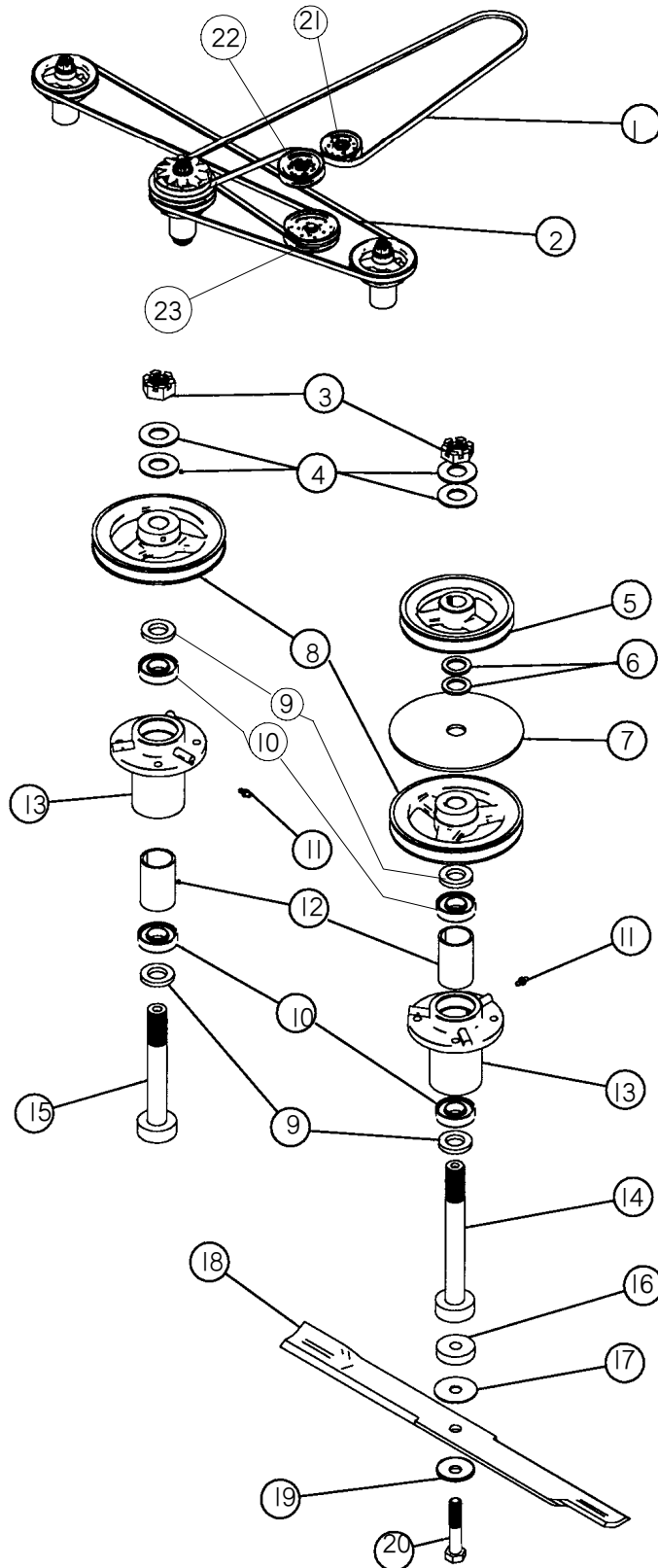
NO.	DESCRIPTION	PART NO.
1.	Clevis Pin 3/8" x 2-1/4" Long..	P-103
2.	Clevis Pin 3/8" x 1-1/2".....	P-102
3.	Hairpin Cotter.....	20224
4.	60" Top Plate Weldment.....	30127-60
5.	L.H. Scissor Link Arm.....	30232
6.	Clevis Pin 5/16" x 1.....	P-101
7.	60" Mower Deck Complete..	30200-60
	60" Mower Deck Shell....	30100-60
8.	Hex Bolt 5/8" x 9-1/2" (Long).	B-146
9.	Roller (Long).....	30240-0
10.	5/8"-11Hex Nut.....	N-115
	5/8" Flat Washer.....	W-135
11.	Blow Out Baffle.....	50315-60
12.	R.H. Scissor Link Arm.....	30231
13.	Roller (Short).....	67240
	5/8"-11Bolt (Short).....	B-122
	5/8"-11 Hex Nut.....	N-115
	5/8" Flat Washer.....	W-135
	Roller Spacer.....	10203
14.	Cam Weldment.....	30210
15.	Engaging Shaft 14".....	30211
16.	Hairpin Cotter.....	30213
17.	Engaging Handle.....	30212
	Handle Grip (Plastic).....	67258-R
18.	Engaging Rod.....	68209
19.	Return Spring.....	20217-25
	Engaging Spring.....	30207-S
20.	L. Bracket.....	30209-B
21.	Engaging Rod Assembly.....	30209-1
22.	Belt Tensioning Pivot.....	30235
23.	Hex Bolt 1/4"-20 x 3/4".....	B-102
24.	Hex Nut 1/4"-20.....	N-102
25.	5/8" Shim (QTY. 4).....	30112
26.	Belt Tensioning Swing Arm..	30236
27.	1/2" Lock Washer.....	W-111-V
28.	Flat Idler Pulley.....	30224
29.	Hex Bolt 1/2"-13 x 3/4".....	B-115
30.	Grease Fitting.....	F-100
31.	Hex Bolt 5/8"-11 x 1".....	B-120
32.	"V"-Idler Pulley.....	30234
33.	Bronze Bushing.....	30206
34.	Belt Idler Arm.....	30223
35.	3/8" Flat Washer.....	W-104
36.	Ser. Flange Hex Nut 3/8"-16.	N-108
37.	Stabilizer Bar.....	30214-86
38.	Bronze Bushing.....	20276
39.	Shoulder Bolt 1/2"-13 x 1-3/4'	B-118-G
40.	Flat Idler.....	30224

ITEM

NO.	DESCRIPTION	PART NO.
41.	Spring Tab.....	65308
42.	1/2" Flat Washer.....	W-109
43.	Hex Bolt 1/2"-13 x 1-1/4".....	B-117
44.	Clevis Pin 3/8" x 1-1/4".....	P-102
45.	Long Tensioning Spring.....	10222
46.	Pulley Guard (QTY. 2).....	67317
47.	Rod End Stud.....	S-114 #50
48.	Nut (Not Shown).....	N-157
49.	Deck Skid (50,60).....	30135
50.	Roller Cap (50,60).....	65130
51.	Short Roller Tab (50,60).....	65131
52.	Long Roller Tab (50,60).....	65141-L
53.	Tower Assembly Weldment.....	67131
	Deck Spindle Belt B128.....	30236-o

HUBS AND BELTS

SECTION 9



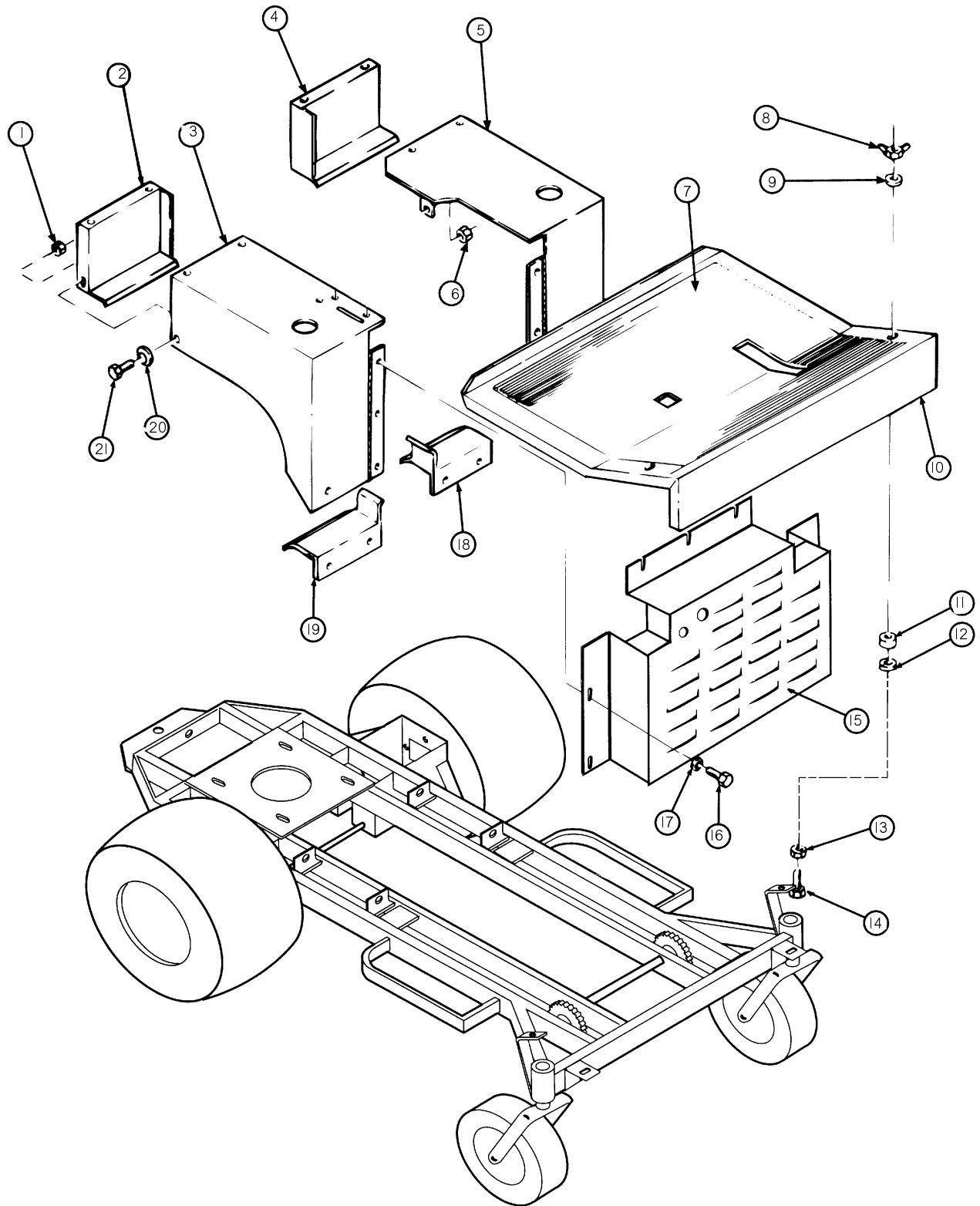
HUBS AND BELTS

SECTION 9

Item No.	Description	Part No.
1.	Engine-Deck Belt	
	42" Deck B-80.....	65080
	50" Deck B-78.....	30204
	60" Deck B-80.....	65080
2.	Deck Spindle Belt	
	42" Deck A-89.....	63203
	50" Deck B-103.....	30203
	60" Deck B-128.....	30236-0
3.	Slotted Hex Nut 1".....	N-142
4.	Belleville Washer 1".....	W-137
5.	Center Spindle Top Pulley	
	42" Deck (Steel) (All Machines).....	63221
	50" Deck (Cast) (Stainless Machines). 30220-50V	
	50" Deck (Steel) (Painted Machines)...	63221
	60" Deck (Cast) (Stainless Machines). 30220-60V	
	60" Deck (Steel) (Painted Machines)...	62265
6.	Washer 1"x1.5"x1/8".....	W-131
7.	5-1/2" Spacer.....	W-136
8.	All Spindle Bottom Pulley	
	42" Deck (Steel) (All Machines).....	63221
	50" Deck (Cast) (Stainless Machines). 30220-50	
	50" Deck (Steel) (Painted Machines)...	63221
	60" Deck (Cast) (Stainless Machines). 30220-60	
	60" Deck (Steel) (Painted Machines)...	62265
9.	Washer 1"x1.75"x1/4".....	W-146
10.	Sealed Bearing 1".....	30218
11.	Grease Fitting.....	F-102
12.	Inner Deck Hub Spacer.....	30219
13.	Deck Hub Casting.....	30241
14.	Long Blade Shaft (Center Only).....	30217L
15.	Short Blade Shaft (Outboard).....	30217
16.	1/2" Blade Spacer.....	30242
17.	Fiber Washer.....	W-101
18.	Mower Blade	
	42" Deck 14"x2.5" Standard.....	63227-H
	42" Deck 14"x3" High Lift.....	63227-N
	50" Deck 17"x2.5" Standard.....	30227-H
	50" Deck 17"x3" High Lift.....	30227-N
	60" Deck 20.5"x2.5" Standard.....	30227-60H
	60" Deck 20.5"x3" High Lift.....	30227-60N
19.	5/8" Belleville Washer.....	W-100
20.	Blade Shaft Bolt	B-121L (Use with Blade Spacer)
	Short Blade Shaft Bolt.....	B-121 (Use without Blade Spacer)
21.	Triangle Plate Rear "V" Idler Pulley	
	42", 50", and 60" Decks.....	30234
22.	Triangle Plate Front Flat Idler Pulley	
	42", 50", and 60" Decks.....	30224
23.	Deck Flat Idler Pulley	
	42", 50", and 60" Decks.....	30224
24.	Transmission Pulley(not shown).....	20265
25.	Transmission "V" Idler Pulley(not shown)..	30234
26.	Engine-Transmission Belt B-38	20256

FENDERS AND COVERS

SECTION 9



FENDERS AND COVERS

SECTION 9

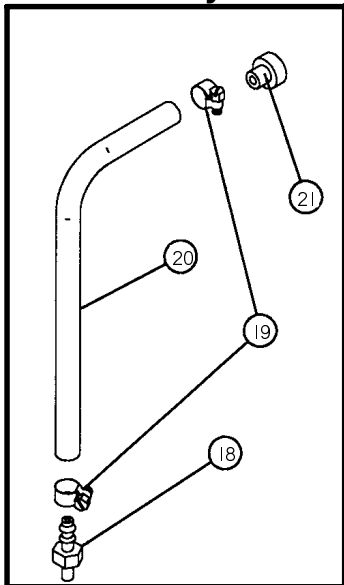
ITEM NO.	DESCRIPTION	STAINLESS		POWDER COATED
		PART. NO.		
1.	1/4"-20 Whiz Nut.....	N-102		
2.	Rear Fender Bracket R.H.....	20266-R		67272
3.	Rear Fender R.H.....	20270-R1		67270
4.	Rear Fender Bracket L.H.....	20266-L		67273
5.	Rear Fender L.H.....	20269-L1		67269
6.	Hex Nut 1/2"-13.....	N-110		
7.	Carpet.....	20275		
8.	Wing Nut 5/16"-18.....	N-106		
9.	Fender Washer 3/8".....	W-106		
10.	Floor Pan.....	67268		67271
11.	Rubber Washer.....	W-103		
12.	Fender Washer 3/8".....	W-106		
13.	Hex Nut 5/16"-18.....	N-103		
14.	Full Thread Bolt 5/16"-18x1.5"..	B-105		
15.	Front Panel LX.....	67267		
	Front Panel X, XF, XW.....	82267		
16.	Hex Bolt 1/4"-20x1/2".....	B-101		
17.	Flat Washer 1/4".....	W-102		
18.	Front Fender Bracket L.H.....	20275-L		67274
19.	Front Fender Bracket R.H.....	20275-R		67275
20.	Flat Washer 1/4".....	W-102		
21.	Hex Bolt 1/4"-20x1/2".....	B-101		

DIXIE CHOPPER

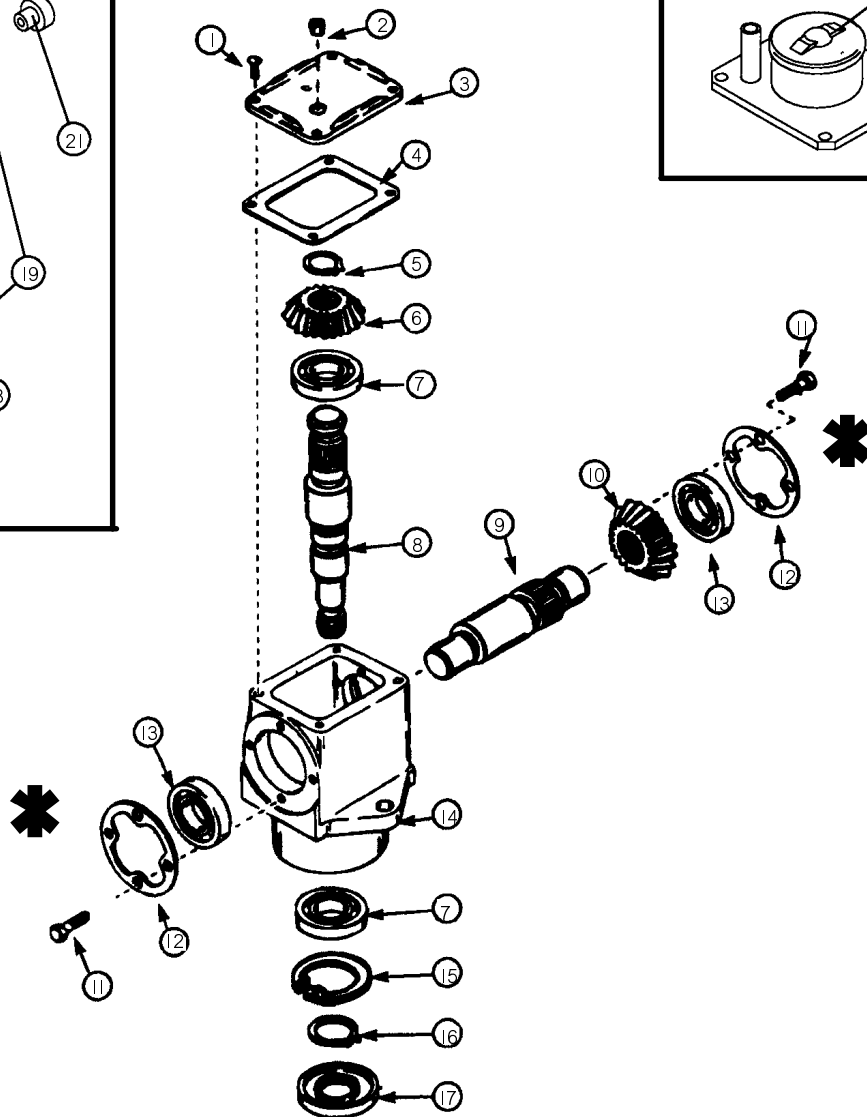
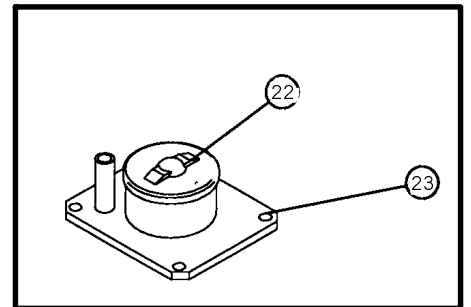
T GEARBOX

SECTION 9

1993-1 Breather Kit Assembly



Optional Top Lid



T GEAR BOX MODEL NO. 1000-047

SECTION 9

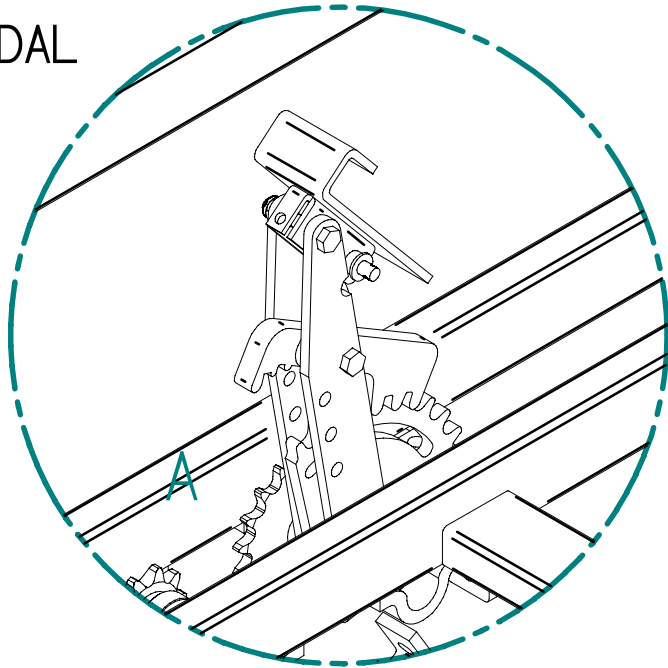
ITEM

NO.	DESCRIPTION	PART NO.
1.	Screw, Pan Head, Self Tap 10-24x1/2".....	792025
2.	Pipe Plug, Hex Countersunk Headless 1/8"-27	28534
3.	Cover Plate.....	772067
4.	Cover Plate Gasket.....	788028
5.	Snap Ring.....	788018
6.	Miter Gear (Downshaft).....	778101
7.	Downshaft Bearing.....	780174
8.	Downshaft.....	776360
9.	Cross-Shaft (9 teeth).....	776305
10.	Miter Gear (Cross-shaft).....	778210
11.	Screw, Hex Head, 1/4"-20x1/2".....	792026
12.	Bell Housing Gasket.....	788030
13.	Cross-Shaft Bearing.....	780034
14.	T-Gearbox Housing.....	N/A
15.	Snap Ring.....	792119
16.	Snap Ring.....	788019
17.	Vicon Oil Seal.....	788099
18.	1/8"MPx3/8" Barb Fitting.....	65033
19.	Hose Clamp.....	67013
20.	3/8" Hose.....	65108
21.	Pop-Off Valve.....	792118
22.	Fill Top Cap (Cap Only) (Optional).....	40117-C
23.	Fill Top Cover (Cap and Lid) (Optional).....	68204
24.	Bell Housing O-Ring.....	65024
25.	Aluminum Bell Housing.....	65001

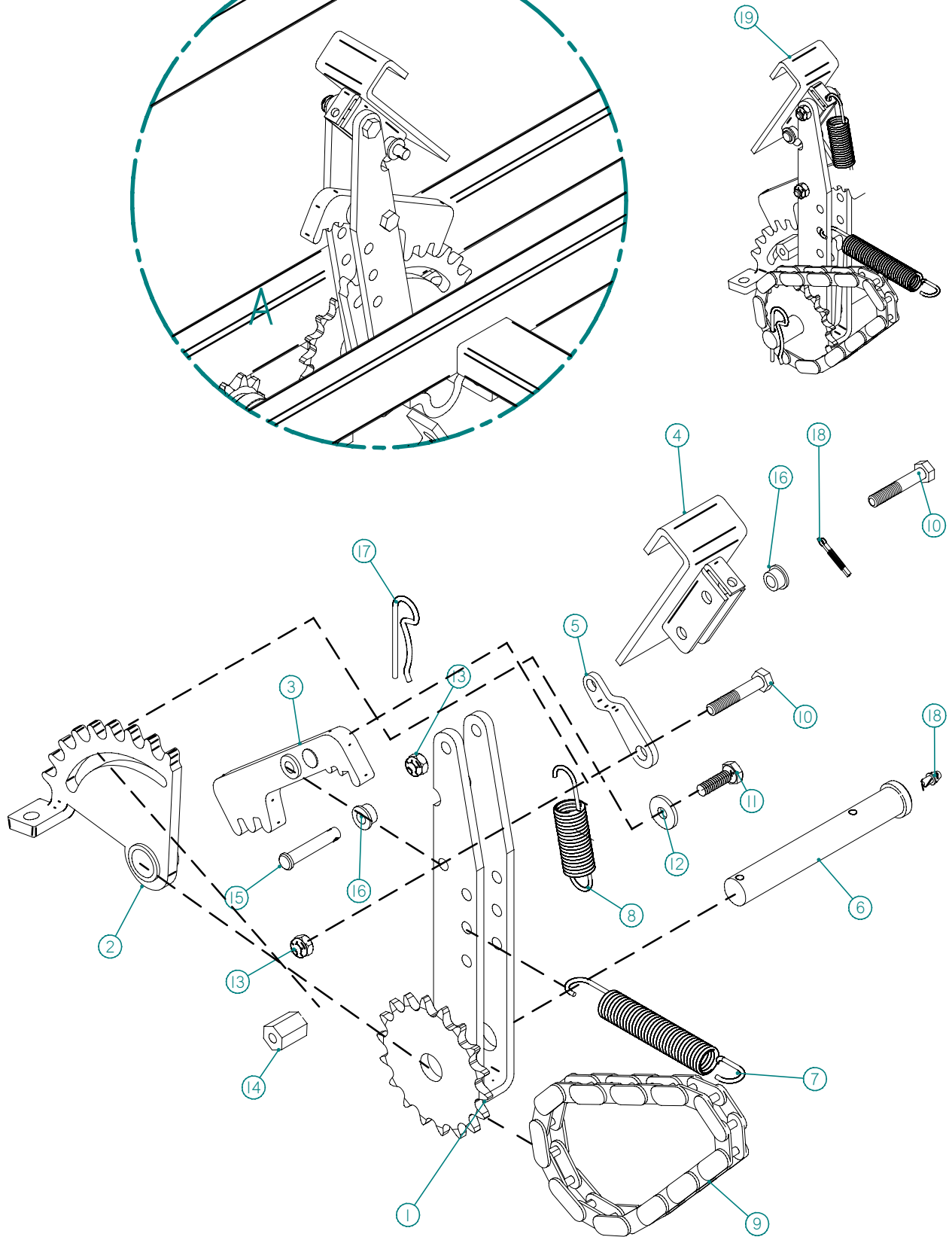
* Gear Box is sent with end caps.
These caps must be removed and replaced
with your existing Bell Housings.

DIXIE CHOPPER

FOOT PEDAL



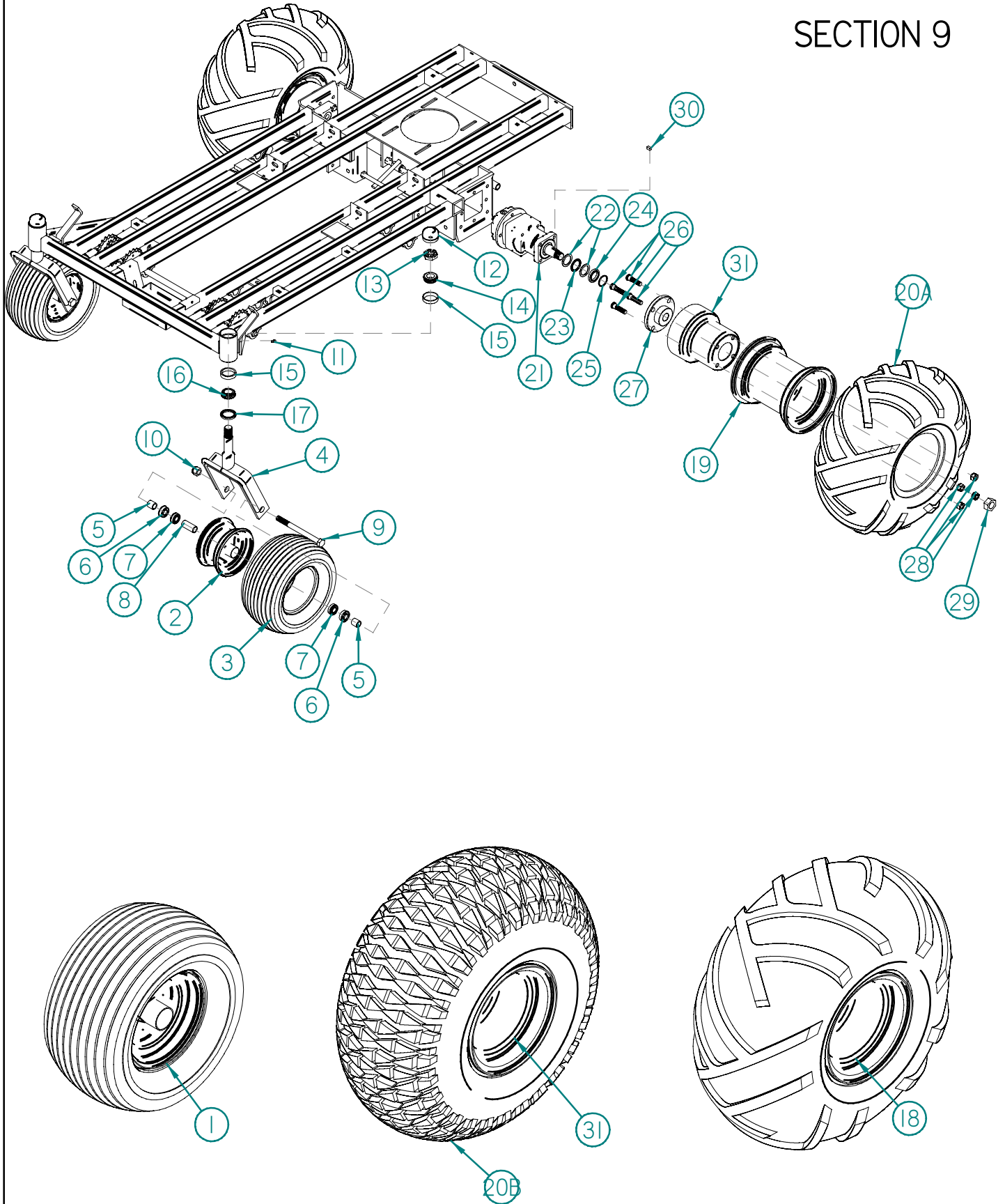
SECTION 9



PARTS LIST		
ITEM NO.	DESCRIPTION	PART NO.
1	Lever Arm and Sprocket Assembly.....	10225-1
2	Height Control Sprocket.....	10226-1
3	Lift Arm Pawl.....	10224-2 (#50)
4	Foot Pedal.....	10218-1
5	Pivot Link.....	10223-1
6	Pin.....	10228-1
7	Long Foot Spring.....	10222
8	Short Foot Spring.....	20217-25
9	Foot Pedal Chain.....	68219 (#50)
10	5/16"-18 x 1 1/2" Full Thread Hex Head Bolt.....	B-105
11	5/16"-18 x 1" Full Thread Hex Head Bolt.....	B-131
12	5/16" Standard Flat Washer.....	W-113
13	5/16"-18 Nyloc Nut.....	N-103
14	5/16"-18 x 3/4" Coupling Hex Nut.....	N-130
15	Clevis Pin.....	P-101
16	Nylon Spacer.....	N/A
17	Clip.....	30213
18	Grease Fitting.....	F-100
19	Hairpin Cotter.....	N/A
	Complete Foot Pedal Assembly.....	10107-2 (#50)
	Contains 1,2,3,5,7,8,9,10,13,17,19	

DIXIE CHOPPER

SECTION 9



DIXIE CHOPPER

TIRES AND WHEELS

PARTS LIST

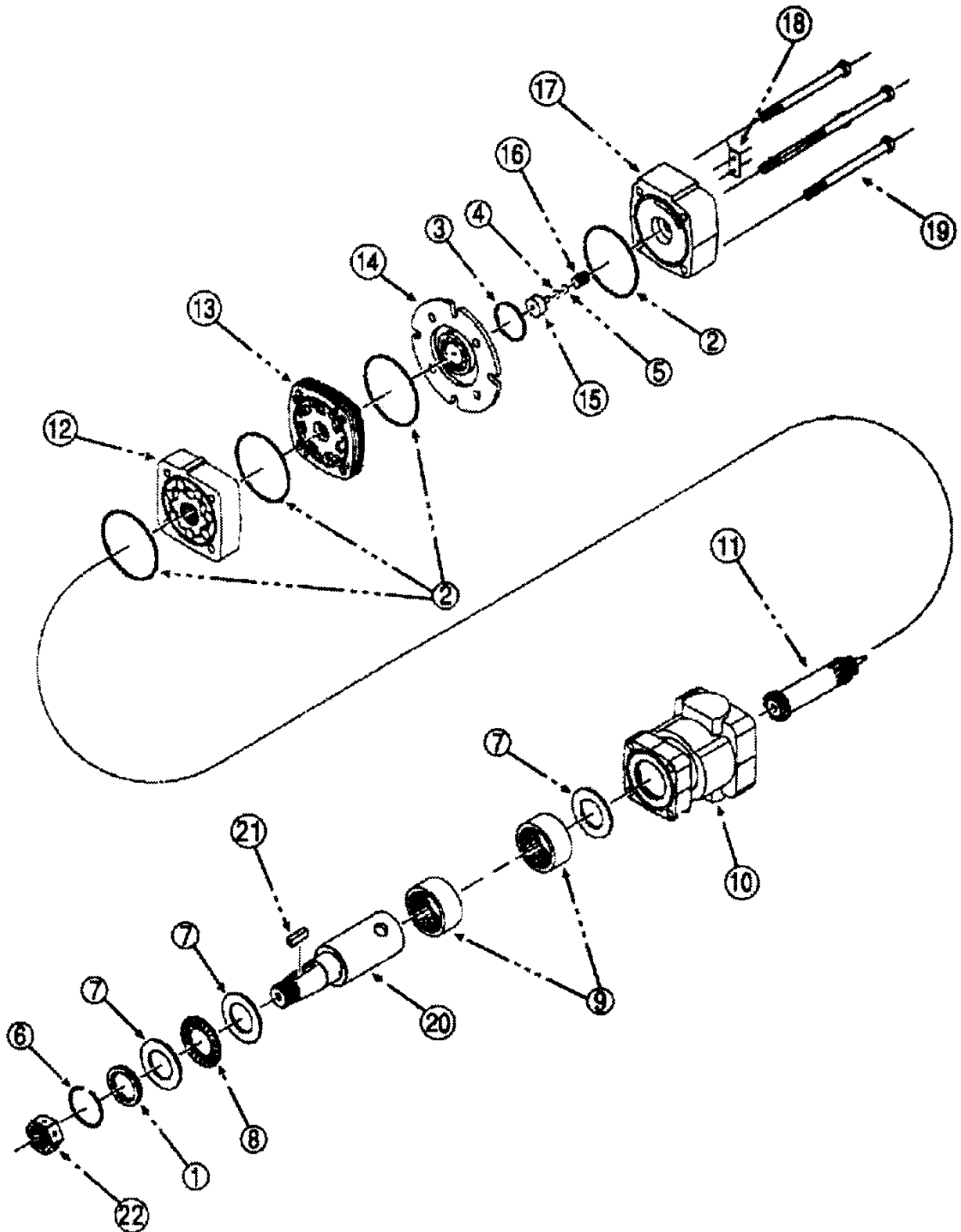
SECTION 9

ITEM NO.	DESCRIPTION	PART NO.
1	Front Tire Assembly..... (Contains 2,3,31,32)	97166
2	Front Rim (Rim Only)..... Hairpin Cotter.....	10239 N/A
3	Front Tire (Tire Only).....	97165
4	Front Fork.....	97170
5	Outer Front Wheel Spacer.....	10203
6	Outer Front Wheel Bearing.....	10205
7	Inner Front Wheel Bearing.....	67205
8	Inner Front Wheel Spacer.....	67204
9	5/8" -11 X 7" Hex Head Bolt.....	B-122
10	5/8" -11 Hex Nut.....	N-115
11	Grease Fitting.....	F-100
12	Dust Cap.....	10220
13	1" Slotted Hex Nut.....	N-142
14	Top Bearing.....	10207
15	Outer Bearing Race.....	10206
16	Bottom Bearing.....	97171
17	Seal.....	10208
18a	Back Right Tire Assembly..... (Contains 19,20,33,34)	10214-RB
18b	Back Left Tire Assembly..... (Contains 19,20,33,34)	10214-LB
19	Rear Rim (Rim Only) LX Models (8" x 7")..... X, XF, XW Models (8" x 9").....	61238 10238
20a	Rear Tire Turf Boss II (Tire Only).....	10156-BII
20b	Rear Tire CTR (Tire Only).....	10156-C
21	Wheel Motor (14 Cu In).....	67114
22	Thrust Washers.....	PB018054
23	Thrust Bearings.....	PB018052
24	Dust/Shaft Seal.....	PB018069
25	Snap Ring.....	PB018073
26	Wheel Stud.....	B-226
27	Wheel Flange..... Wheel Flange Assembly (Contains 26,27).....	N/A 67002
28	Lug Nuts.....	N-113
29	Shaft Nut.....	PB339303P
30	Shaft Key.....	PW 72546
31	Brake Drum LX Models..... X, XF, XW, XXW Models.....	97159 67266
32	CTR Tire Assembly.....	10214-C
NOT SHOWN		
33	Valve Stem.....	10127-S
34	Tire Sealant (32 Fluid Ounce Bottle).....	68211

DIXIE CHOPPER

HYDRAULIC WHEEL MOTOR

SECTION 9



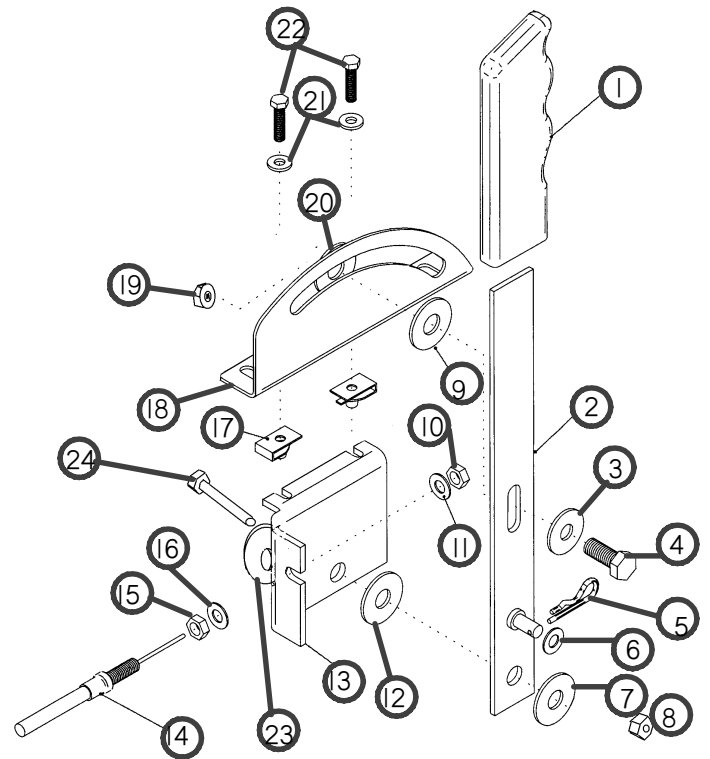
12 CUBIC INCH WHEEL MOTOR (W80381)
14 CUBIC INCH WHEEL MOTOR (W80379)

SECTION 9

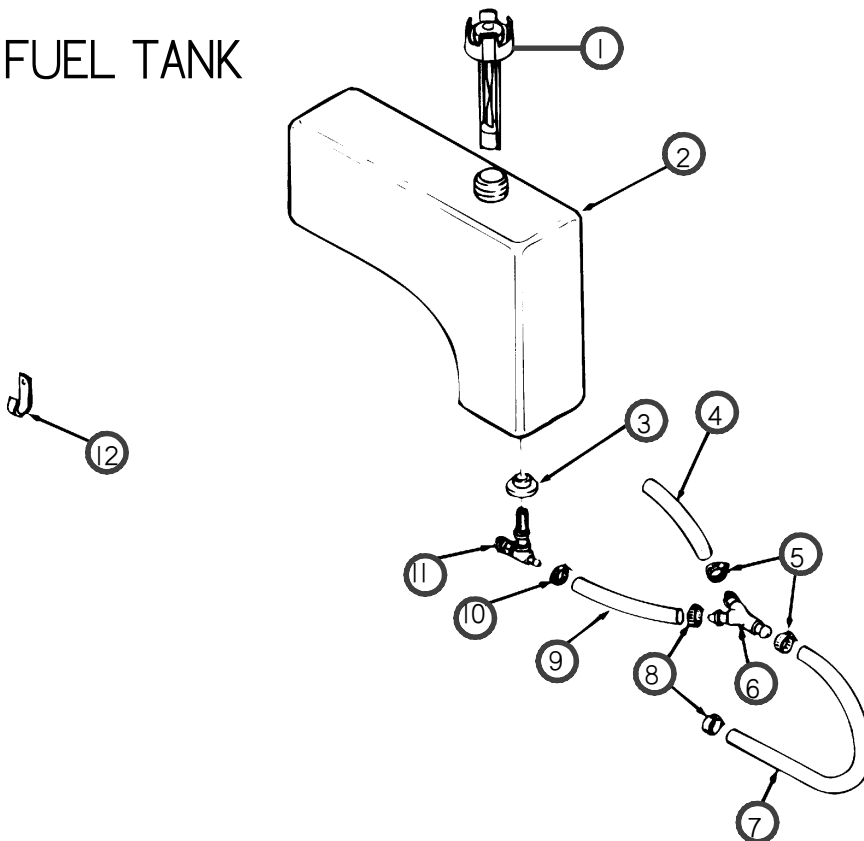
ITEM NO.	DESCRIPTION	PART NO.
1.	Dust/Shaft Seal.....	PB018069
2.	Body Seal (4).....	In Kit
3.	Commutator Seal.....	In Kit
4.	O-ring Seal.....	In Kit
5.	Teflon Back-up Seal.....	In Kit
	Seal Kit.....	PB333700
	(Contains:1-5)	
6.	Snap Ring.....	PB018073
7.	Thrust Washers.....	PB018054
8.	Thrust Bearing.....	PB018052
9.	Housing Bearing.....	PB018053
10.	Housing.....	PB130015
11.	Drive Link	
	12 cu.in.....	PB014030
	14 cu.in.....	PB014027
12.	Rotor Assembly	
	12 cu.in.....	PB332012
	14 cu.in.....	PB332014
13.	Manifold.....	PB015008
14.	Commutator Assembly	PB012011
15.	Endcover Piston.....	PB018056
16.	Piston Spring.....	PB018059
17.	Endcover.....	PB160007G
18.	ID Tag.....	N/A
19.	Assembly Bolts	
	12 cu.in.....	PB334012
	14 cu.in.....	PB334014
20.	Shaft.....	PW72545
21.	Shaft Key.....	PB339101
22.	Shaft Nut.....	PB339303P
	12 cu.in Wheel Motor..	67112
	14 cu.in. Wheel Motor.	67114

THROTTLE ASSEMBLY

SECTION 9



FUEL TANK



DIXIE CHOPPER

THROTTLE ASSEMBLY (68250 complete)

SECTION 9

ITEM NO.	DESCRIPTION	PART NO.	ITEM NO.	DESCRIPTION	PART NO.
1.	Handle Grip (Black).....	67258	13.	Lower Throttle Mounting Bracket.....	97011
2.	Handle Weldment.....	97012	14.	Throttle Cable (with nuts and washers)	68249
3.	5/16" Flat Washer.....	W-102	15.	Hex Nut.....	N/A
4.	5/16"x1"Hex Head Bolt.....	B-159	16.	Washer.....	N/A
5.	Hairpin Cotter.....	20224	17.	"C" Clip.....	C-105
6.	Stainless Flat Washer, 1/4"	W-153	18.	Upper Stainless Throttle Bracket.....	65270
7.	3/8" Flat Washer.....	W-104	19.	5/16" Whiz Flange Nut.....	N-134
8.	3/8"-16 Nyloc Nut.....	N-107	20.	3/8" Nylon Washer.....	W-125
9.	3/8" Nylon Washer.....	W-125	21.	Stainless #10 Washer.....	W-152
10.	Hex Nut.....	N/A	22.	Stainless 10-32x3/4" Bolt.....	B-203
11.	Washer.....	N/A	23.	3/8" Flat Washer.....	W-104
12.	3/8" Nylon Washer.....	W-125	24.	3/8"x1" Hex Head Bolt.....	B-108

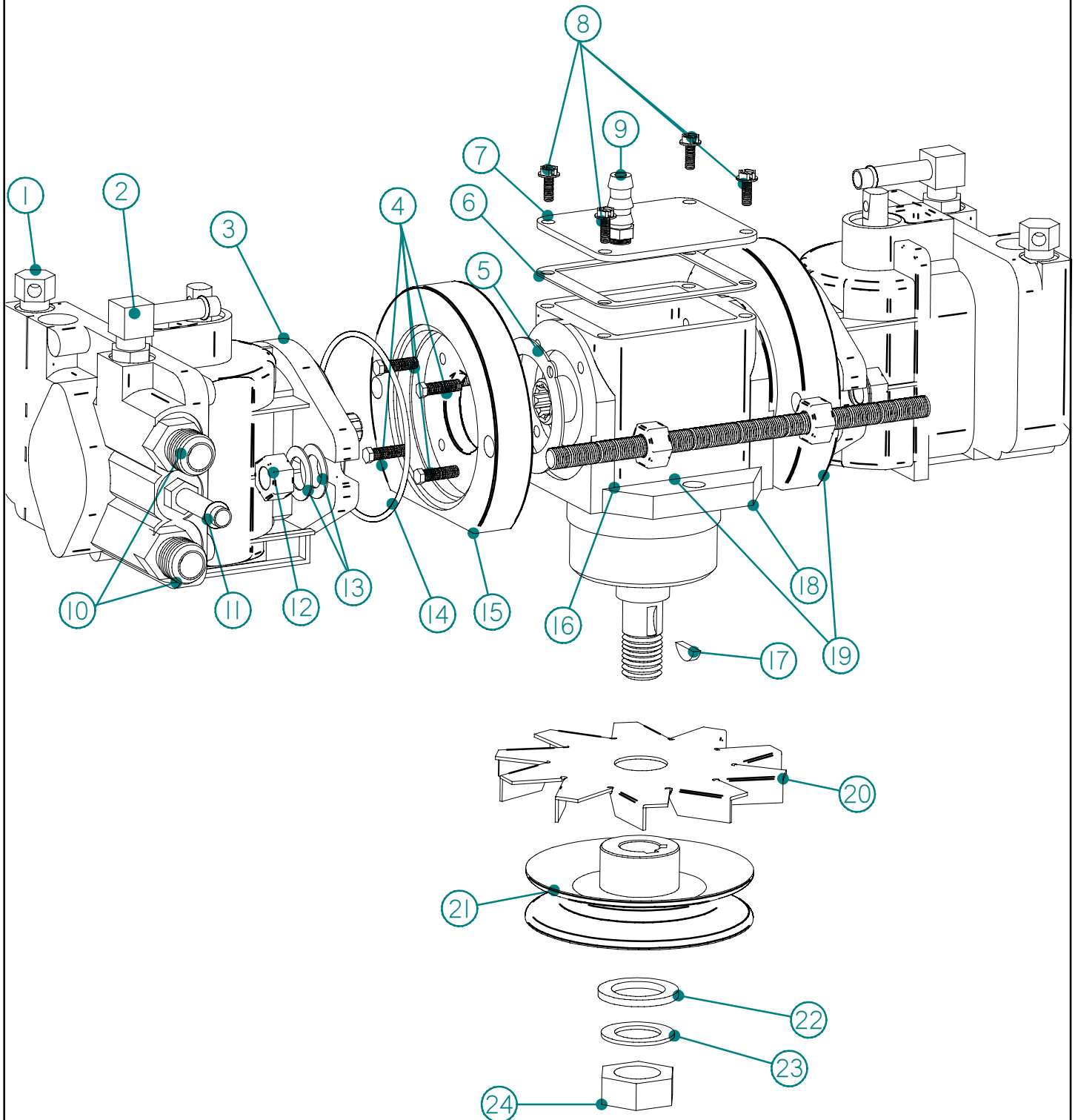
FUEL TANK

ITEM NO.	DESCRIPTION	PART NO.	
1.	Fuel Gas Cap.....	40117-1	
2.	Fuel Tank.....	40204-1	
3.	Rubber Bushing.....	40220	
4.	1/4" id Fuel Line Hose..	40211	Sold per foot
5.	Hose Clamp.....	40213	
6.	Gas Line Y.....	40230	
7.	1/4" id Fuel Line Hose..	40211	Sold per foot
8.	Hose Clamp.....	40213	
9.	1/4" id Fuel Line Hose..	40211	Sold per foot
10.	Hose Clamp.....	40213	
11.	Tank Valve.....	40219	
12.	Engine Clip.....	45-083-01	

DIXIE CHOPPER

TRANSMISSION AND DRIVE

SECTION 9



TRANSMISSION AND DRIVE

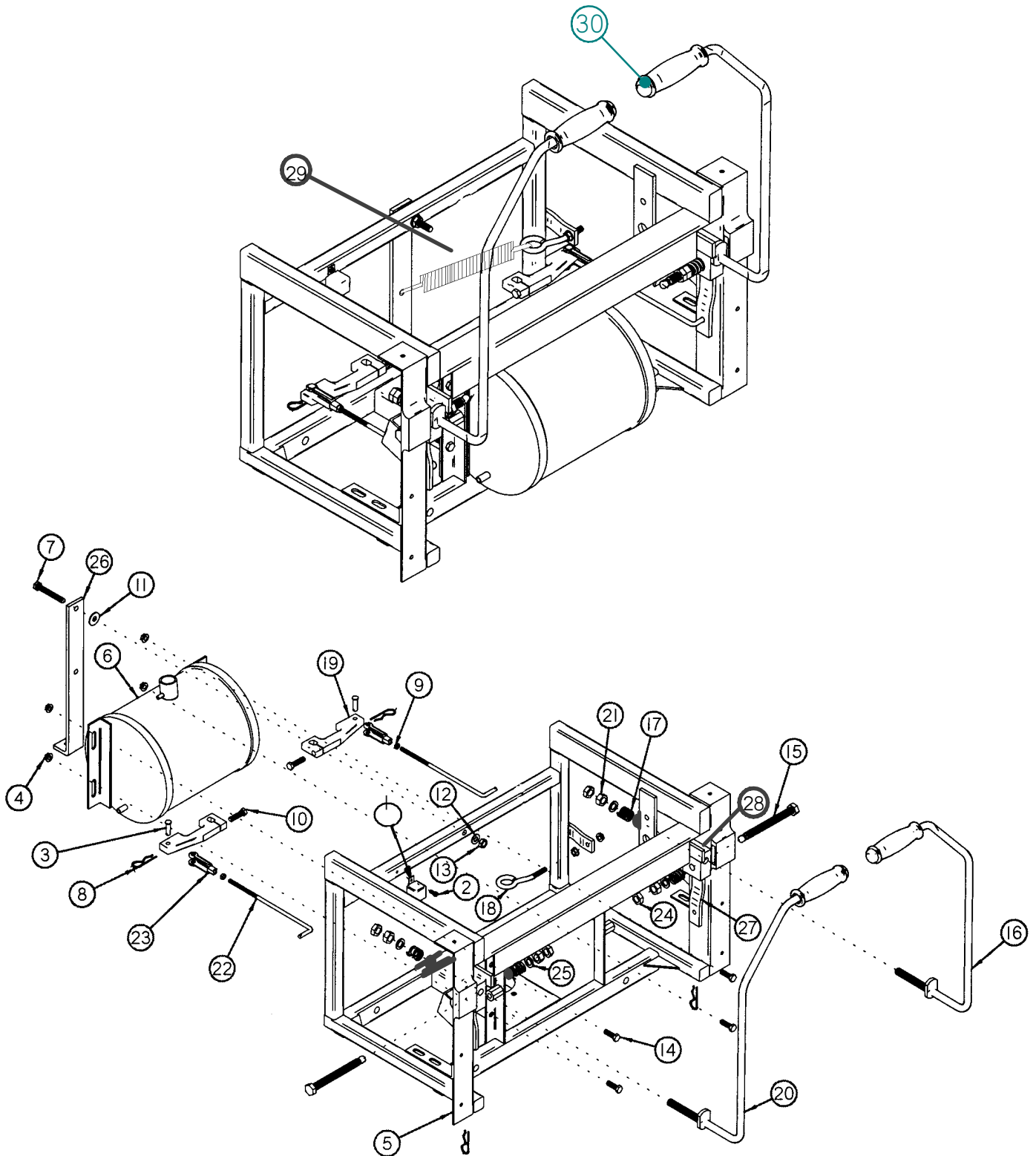
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ITEM NO.	DESCRIPTION	PART NO.
1.	Dump Valve	
	With .031" Hole.....	25-130-31
	With No Hole.....	25-130-30
2.	Case Bleed Fitting.....	67015
3.	Sundstrand Pump Left.....	65015
	Sundstrand Pump Right...	65016
4.	Bell Housing Bolt.....	792026
5.	Bearing Plate Gasket.....	3046 or 788030
6.	T Box Gasket.....	3045 or 788028
7.	T Box Cover Plate.....	N/A
8.	T Box Cover Plate Bolt.....	792025
9.	T Box Vent Fitting.....	65033
10.	High Pressure Port Fitting.	65004
11.	Charge Pump Inlet Fitting..	67016
12.	Hex Nut 3/8"-24.....	N-150
13.	Flat Washer 3/8".....	W-113
14.	Pump O-ring.....	65024
15.	Small Bell Housing.....	65001
16.	Threaded Rod 3/8".....	65206
17.	Woodruff Key 3/16"x3/4".....	K-102
18.	T Gear Box.....	65201
19.	Hex Nut 3/8"-24.....	N-150
20.	Fan.....	97106
21.	Transmission Pulley.....	20265
22.	1/8"x3/4" Flat Washer.....	W-131
23.	3/4" Belleville Washer.....	W-132
24.	Hex Nut 3/4"-16.....	N-114

DIXIE CHOPPER

TRANSMISSION DRIVE LINKAGE

SECTION 9



TRANSMISSION DRIVE LINKAGE

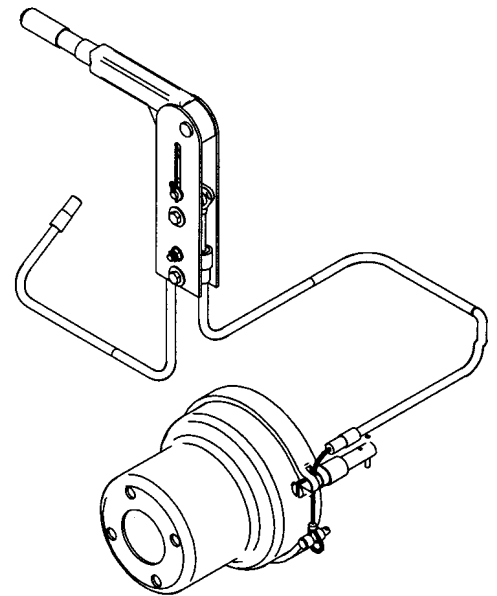
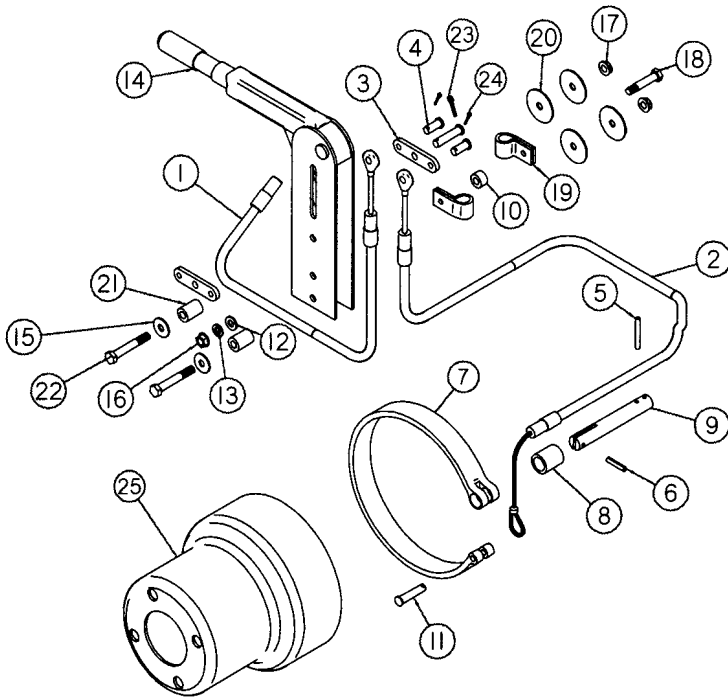
SECTION 9

ITEM NO.	DESCRIPTION	PART NO.
1.	Seat Relay.....	65510
2.	Self Tap 3/16"x1/2" Screw.....	S-100
3.	Clevis Pin 5/16"x1".....	P-101
4.	5/16"-18 Hex Nut.....	N-103
5.	Transmission Frame Weldment	
	LX Model.....	67250
	X,XF,XW Models.....	65250
6.	Hydraulic Oil Tank.....	68018
7.	3/8"-16x2.5" HH Bolt.....	B-179
8.	Hair Pin.....	20224
9.	Jam Nut 1/4"-13 Hex.....	N-111
10.	Bolt 5/16"-18x1.25".....	B-174
11.	Nylon Washer 3/8".....	W-125
12.	Wafer Washer 3/8"(3).....	W-126
13.	Nyloc Nut 3/8".....	N-107
14.	Bolt 5/16"-18x1".....	B-131
15.	Bolt 1/2"x4.5" Grease Fitting.....	B-143-G
16.	Steering Lever Left	
	LX Model.....	67231
	X,XF,XW Models.....	20231
17.	Steering Lever Spring.....	20252
18.	Eye Bolt 5/16".....	B-150
19.	Pump Control Arm.....	65207
20.	Steering Lever Right	
	LX Model.....	67232
	X,XF,XW Models.....	20232
21.	Nut 1/2"-13.....	N-110
22.	Rod Linkage.....	65241
23.	Yoke 5/16".....	20214
24.	Jam Nut 1/2"-13 Hex.....	N-111
25.	Machinery Bushing 1/2".....	W-110
26.	Idler Arm	
	LX Model.....	65209
	X,XF,XW Models.....	65209
27.	Steering Block Weldment.....	65205
28.	Nylon Washer 5/8".....	W-139
29.	Idler Spring.....	10222
30.	Foam Grip.....	67259
	Plastic Grip.....	20257

DIXIE CHOPPER

PARKING BRAKE

SECTION 9

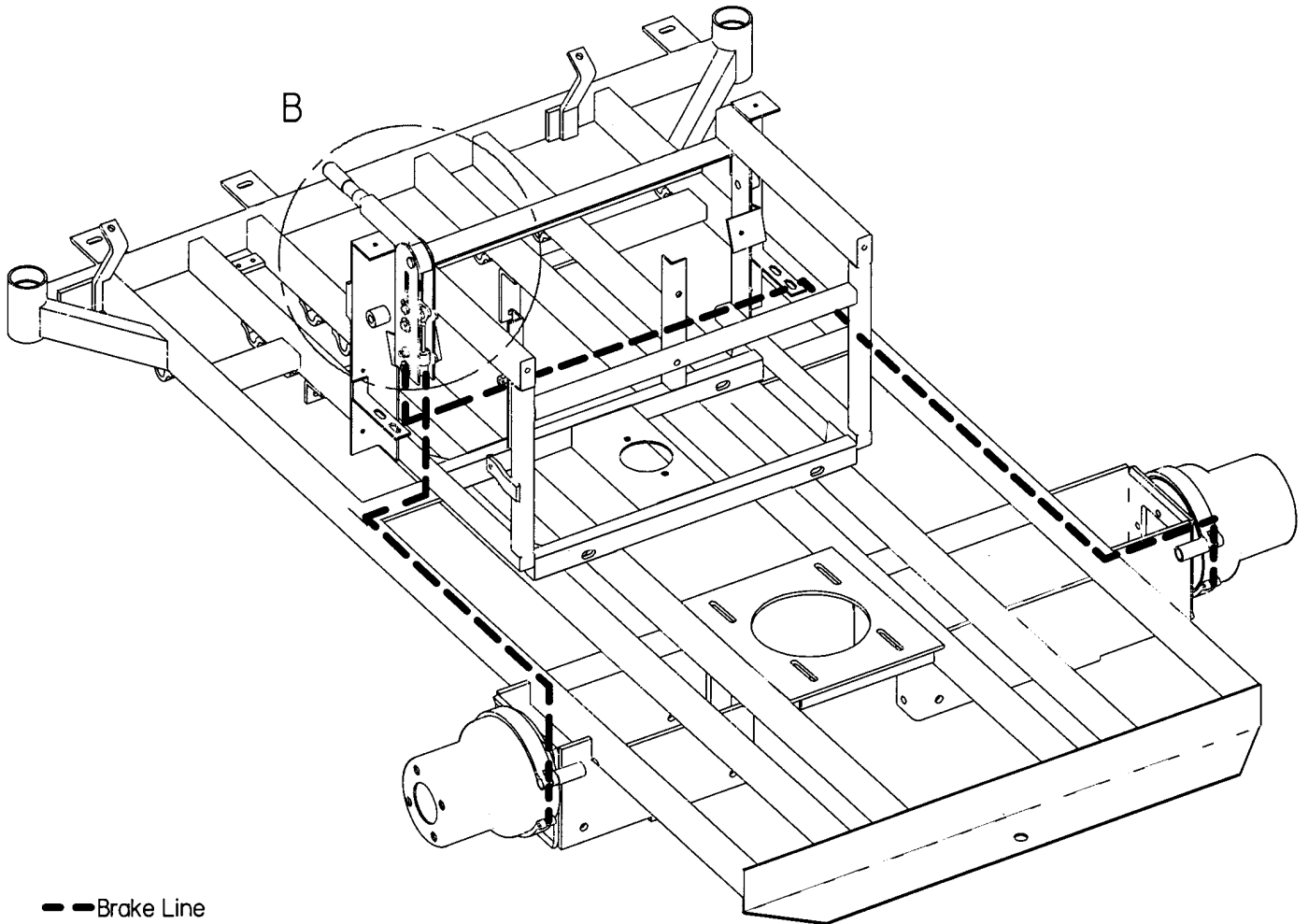


Item No.	Description	Part No.
1.	Brake Cable (Long).....	65247
2.	Brake Cable (Short).....	65246
3.	Plate.....	65060
4.	Pin Clevis 5/16"x3/4".....	P-112
5.	Roll Pin 3/16" x1.5".....	P-118
6.	Roll Pin 3/16" x 1".....	P-100
7.	Brake Band.....	65244
8.	Spacer 5/8" id x 7/8" od x3/4".....	65227 (Weld onto Wheel Motor Box on Frame)
	Spacers for #9	
	1/4" Spacer (Need 1).....	30111
	1/8" Spacer (Need 3).....	65278
9.	Brake Pin.....	65243
10.	Spacer (short) (retainer clamps).	65063
11.	Clevis Pin 5/16" x 1.25".....	P-107
12.	Flat Washer 5/16"x5/8".....	W-113
13.	Flat Washer 5/16"x5/8".....	W-113
14.	Brake Handle Assembly.....	65245
15.	Flat Washer 5/16".....	W-113
16.	Hex Nut 5/16"-18.....	N-103
17.	Lock Flange Nut 5/16"-24.....	N-121
18.	Bolt 5/16"-18x1.5" HH GR5.....	B-171
19.	Clamps Cable Retainer.....	65061
20.	Fender Washer 5/16" thick.....	W-118
21.	Spacer (Long).....	65062
22.	Bolt 5/16"-18x2.0" HH GR5.....	B-156
23.	Cotter Pin 3/32"x1.5".....	P-108

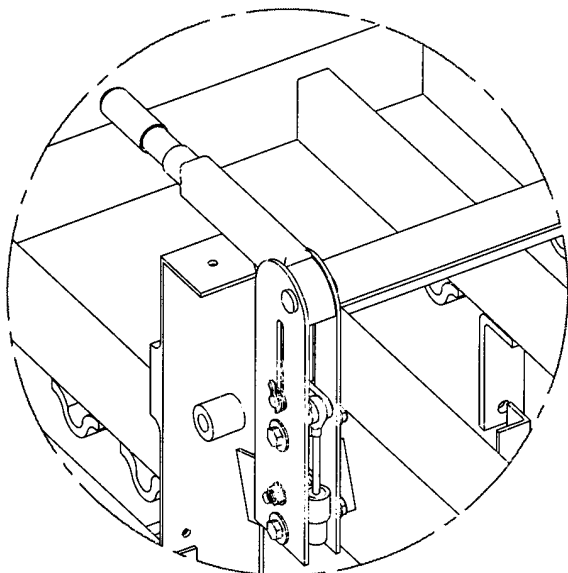
DIXIE CHOPPER

PARKING BRAKE

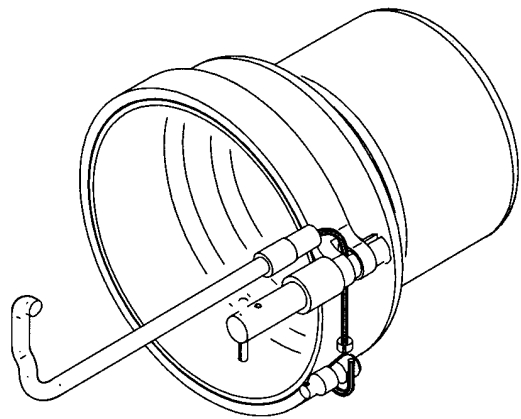
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--- Brake Line

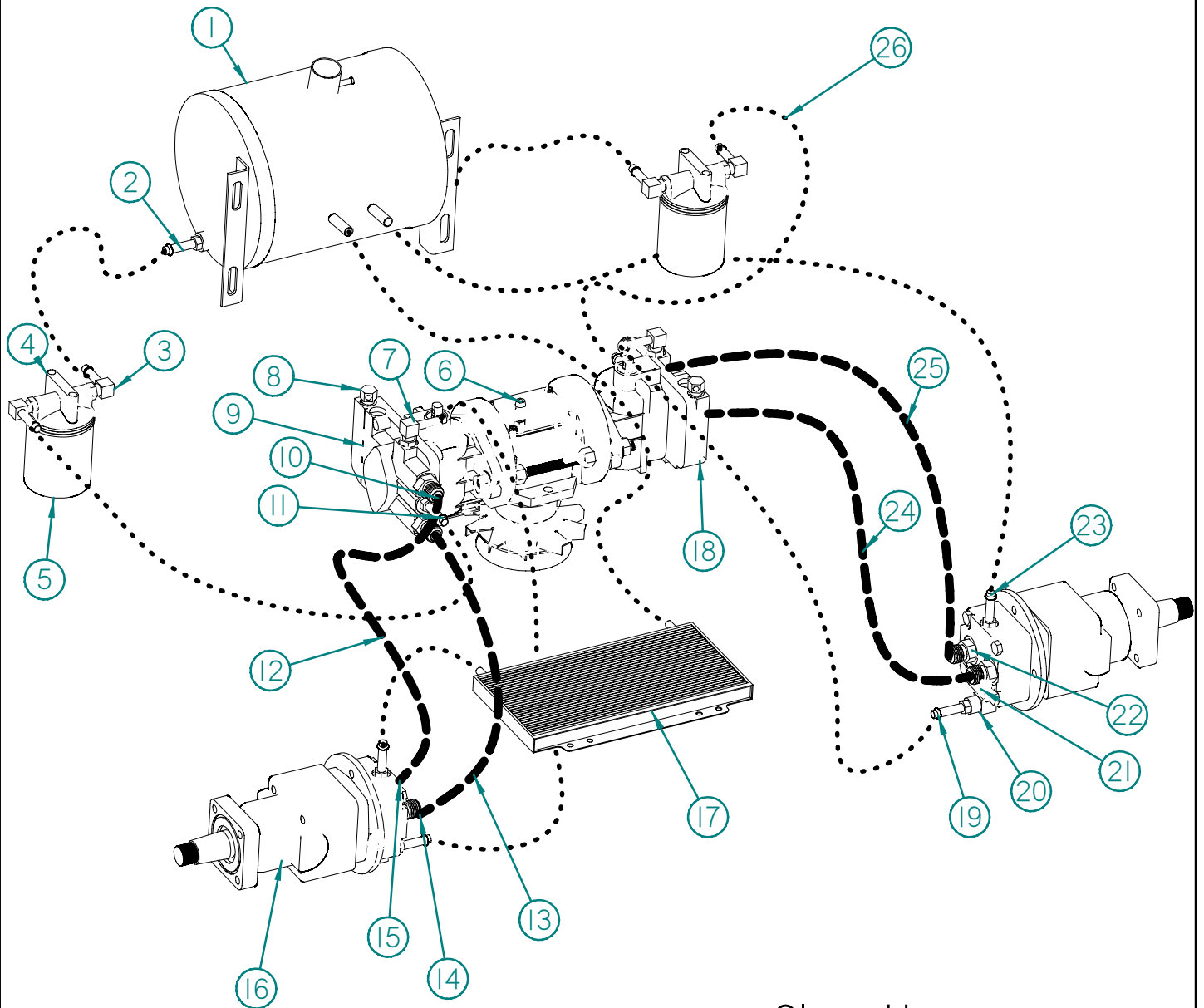


DETAIL B



HYDRAULIC SYSTEM

SECTION 9



..... Clear Hose
----- High Pressure Hose

HYDRAULIC SYSTEM

SECTION 9

ITEM NO.	DESCRIPTION	PART NO.
1.	Hydraulic Oil Reservoir/Tank.....	68018
2.	Oil Tank Outlet Fitting.....	87113
3.	Hydro Filter Fitting.....	60125
4.	Hydro Filter Top.....	60104
5.	Hydro Filter.....	68140
6.	Vent Tube Fitting.....	65033
7.	Case Bleed Fitting.....	67015
8.	Dump Valve	
	With .031" Hole.....	25-130-31
	With No Hole.....	25-130-30
9.	Sundstrand Pump Left.....	65015
10.	High Pressure Port Fitting.....	65004
11.	Charge Pump Inlet Fitting.....	67015
12.	Hydraulic Hose L.F.	
	LX Model.....	67011
	X, XF, XW Models.....	65011
13.	Hydraulic Hose L.R.	
	LX Model.....	67011
	X, XF, XW Models.....	65011
14.	High Pressure Wheel Motor Fitting L.R.	
	LX Model.....	87103
	X, XF, XW Models.....	87104
15.	High Pressure Wheel Motor Fitting L.F.	
	LX Model.....	87104
	X, XF, XW Models.....	87104
16.	Wheel Motor	
	LX, X, XW Models.....	67114
	XF Model.....	67112
17.	Hydro Cooler.....	60103-L
18.	Sundstrand Pump Right.....	65016
19.	Flush Line Bottom Barb	
	LX Model.....	67019
	X, XF, XW Models.....	67014
20.	Flush Line Bottom Coupling.....	67017
21.	High Pressure Wheel Motor Fitting R.R.	
	LX Model.....	87103
	X, XF, XW Models.....	87104
22.	High Pressure Wheel Motor Fitting R.F.	
	LX Model.....	87103
	X, XF, XW Models.....	87104
23.	Flush Line Top Fitting Barb.....	67016
24.	Hydraulic Hose R.R.	
	LX Model.....	67010
	X, XF, XW Models.....	65010
25.	Hydraulic Hose R.F.	
	LX Model.....	67010
	X, XF, XW Models.....	65010
26.	Clear Hose (sold per foot).....	65108

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DIXIE CHOPPER

NOTES

SECTION 10

DIXIE CHOPPER

NOTES

SECTION 10

ADDENDUM

I. Kohler Engines Parts Listing

CRANKSHAFT - Group 1

Crankshaft.....	24 014 44
Plug, cup.....	52 139 09

CRANKCASE - Group 2

Crankcase (USE: Miniblock 24 782 05)	
Shaft, governor cross	24 144 01
Seal, governor cross shaft	12 032 01
Washer, plain 1/4".....	X-25-102
Pin, hitch	12 380 04
Seal, oil front.....	24 032 01
Fitting	24 294 13
Retainer, reed (2).....	24 018 04
Reed, breather (2).....	24 402 05
Screw, hex. flange M5x0.8x10 (2).....	M-0545010
Camshaft	24 012 05
Shim, camshaft (A.R.)	12 422 09
Shim, camshaft (A.R.)	12 422 13
Shim, camshaft (A.R.)	12 422 07
Shim, camshaft (A.R.)	12 422 08
Shim, camshaft.....	12 422 10
Shim, camshaft (A.R.)	12 422 11
Shim, camshaft (A.R.)	12 422 12
Piston w/Ring Set (Std.) (2)	24 874 01
Piston w/Ring Set (.25) (2)	24 874 02
Piston w/Ring Set (.50) (2)	24 874 03
Retainer, piston pin (4)	24 018 01
Ring Set (Std.) (2).....	24 108 01
Ring Set (.25) (2)	24 108 02
Ring Set (.50) (2)	24 108 03
Connecting Rod (Std.) (2).....	24 067 13
Connecting Rod (.25) (2)	24 067 14
Plug, cup	52 139 09
Pin, dowel locating (6)	12 380 17
Tube, oil fill	12 123 04
O-Ring, lower oil fill tube	12 153 01
O-Ring, upper oil fill tube	12 153 02
Bracket, oil fill tube	24 126 19
Dipstick assembly	24 038 04
Kit, oil fill cap	24 755 46
O-Ring	12 153 03
Kit, oil fill cap	25 755 13
O-Ring,	12 153 03
Washer, plain 6 mm.....	M-0631005
Screw, hex. flange M5x0.8x16	M-0545016

OIL PAN/LUBRICATION - Group 3

O-Ring.....	24 153 08
Seal, oil (PTO end)	52 032 08
Filter, oil	12 050 01
Screw, hex. flange M8x1.25x45 (9).....	24 086 16
Kit, oil cooler	54 755 14
Cooler, oil	24 594 15
Nipple, oil filter.....	24 136 05

Screw, hex. cap M6x1.7x18 (2).....	24 086 12
Nut, plastic (2).....	24 100 01
O-Ring.....	24 153 17
Plate	24 146 11
Decal, write-on nameplate	41 037 10
Screw, hex. flange M8x1.25x45	24 086 17
Plug, solid sq. hd. 3/8" N.P.T.F.	X-75-10
Plug, hex. ctsk. 3/8"	X-75-32
Switch, pressure	48 099 07
Oil pan assembly	24 199 07
Shaft, governor gear	12 144 02
Tab, locking	52 448 02
Oil pump assembly	24 393 08
Tube, oil pick-up	24 123 05
Kit, governor gear	24 043 12
Pin, governor regulating	12 380 01
Screw, hex. flange M6x1.0x25 (2).....	M-0645025
Washer, plain 6 mm (2)	M-0631005
Screen, oil.....	24 162 26
Decal, oil sentry	25 113 05

HEAD/VALVE/BREATHER - Group 4

Head assembly, #2 cylinder	24 318 12
Screw, hex. flange M10x1.5x90 (8).....	12 086 16
Kit, retainer (4)	12 755 03
Cap, valve spring (4)	12 173 01
Spring, valve (4)	24 089 02
Retainer, spring (4)	235011
Seal, valve stem (2)	24 032 05
Valve, intake (Std.) (2)	24 017 01
Valve, intake (.25) (2)	24 017 02
Gasket, cylinder head (2)	24 041 08
Valve, exhaust (Std.) (2)	24 016 01
Valve, exhaust (.25) (2)	24 016 02
Screw, hex. flange M6x1.0x20 (4).....	M-0645020
Strap, lifting.....	24 445 01
Kit, valve cover - plain	24 755 74
Screw, shoulder (4)	24 086 32
O-Ring.....	24 153 16
Kit, valve cover - breather	24 755 76
O-Ring.....	24 153 16
Grommet, rubber	25 313 02
Screw, shoulder (4)	24 086 32
Screw, hex. flange M6x1.0x34 (4).....	M-0640034
Kit, valve train.....	24 755 66
Pivot, rocker arm (4).....	24 599 01
Rod, push (4)	24 411 05
Arm, rocker (4).....	25 186 01
Lifter, valve (4).....	12 351 02
Head assembly, #1 cylinder	24 318 11
Kit, breather cover w/gasket	24 033 03
Cover, breather	24 096 15
Gasket, breather	24 041 23
Fitting	24 294 01

Hose, flexible	24 326 03
Kit, breather separator	24 755 57
Spacer	24 112 12
Bracket, breather separator	24 126 44
Strap, breather	24 445 02
Grommet, breather	25 313 02
Screw, hex. flange M5x0.8x16 (2)	M-0545016

IGNITION/ELECTRICAL - Group 5

Kit, 15 amp stator	54 755 09
Bracket, stator wire	24 126 71
Screw, hex. cap M5x0.8x25 (2)	M-0548025
Screw, hex. flange M10x1.5x46	12 086 14
Washer, plain 3/8"	12 468 03
Flywheel	24 025 04
Key	X-42-15
Fan	24 157 01
Screw, set	25 086 43
Module, ignition (2)	24 584 01
Screw, hex. flange M5x0.8x20 (4)	M-0545020
Rectifier-regulator	25 403 03
Washer, plain 1/2" (2)	X-25-92
Connector (3 contact)	236602
Spark plug (2)	12 132 02
Clip, cable	235173
Harness, wiring	24 176 40
Washer, plain 1/4"	X-25-63
Clip, cable	48 154 02
Screw, phillips hd. 11-16x7/8" (2)	24 086 18
Lead, black (4" - 18 gauge - insulated grip barrel eyelet terminals)	25 518 28
Washer, lock 1/4"	X-22-11
Kit, chopper screen	24 755 79
Stud, M6x1.0x122 (4)	M-0629122
Screw, valve	25 086 27
Decal, write-on nameplate	41 037 10
Spacer (4)	24 112 14
Screen, grass	24 162 25
Washer, plain 1/4" (4)	X-25-53
Washer, spring 10 mm (4)	24 468 11
Screw, hex. cap M6x1.0x100 (4)	M-0603100
Ring, support	24 141 06

BLOWER HOUSING & BAFFLES - Group 6

Housing, blower	24 027 49
Nut, plastic (3)	24 100 01
Nut, plastic (3)	24 100 02
Insert, threaded (5)	24 332 01
Screw, set	25 086 43
Plug, button 9/16"	25 139 16
Screw, hex. flange M5x0.8x16 (6)	M-0545016
Screw, hex. flange M5x0.8x20 (2)	M-0545020
Screw, hex. flange M5x0.8x16	M-0551016

Plate, backing - #1 side	24 146 08
Plate, backing - #2 side	24 146 11
Baffle, valley	24 063 29
Baffle, cyl. barrel-#1 side	24 063 31
Baffle, left barrel	24 063 39
Screw, hex. flange M5x0.8x10 (2)	M-0545010
Screw, hex. flange M6x1.0x16 (6)	M-0645016
Kit, guard	24 755 94
Screw, pan head M5x0.8x15 (3)	24 086 39
Spacer (3)	24 112 09
Washer, plain 1/4" (3)	24 468 10
Insert, threaded (3)	24 332 01
Decal, HP	24 113 20

STARTING SYSTEM - Group 7

Screw, hex. flange M8x1.25x80 (2)	M-0839080
Nut, hex. flange M8x1.25	M-0841080
Starter, solenoid shift	12 098 03
Drive, end cap	12 081 02
Lever, starter drive	12 090 10
Armature, starter	12 170 03
Drive, pinion	12 239 01
Commutator, end cap	12 301 01
Frame	12 471 01
Kit, starter repair	24 755 84
Nut, starter	52 100 09
Nut, starter (2)	52 100 10
Insulator	52 168 01
Bolt, thru M5x0.8x99 (2)	52 211 05
Kit, brush	52 221 01
Spring, brush (4)	52 089 09
Holder, brush	52 323 03
Solenoid	52 435 02

FUEL SYSTEM - Group 8

Kit, carburetor w/gasket	24 853 17
Gasket, carburetor	24 041 15
Gasket, air cleaner base	24 041 14
Carburetor assembly (For information only not available separately)	24 053 17
Kit, carburetor overhaul	24 757 18
Kit, choke repair	24 757 19
Kit, gasket replacement	24 757 20
Kit, solenoid repair	24 757 22
Filter, fuel	25 050 03
Line, fuel 3-1/2"	25 353 15
Clamp, hose (5)	X-426-9
Screw, hex. cap. M6x1.7x18 (2)	24 086 12
Nut, plastic (2)	24 100 01
Pump, fuel - pulse	24 393 04
Line, fuel 10-1/2"	24 353 03
Clip, cable	47 154 01
Stud M6x1.0x128 (2)	M-0629128

Nut, hex. flange M6x1.0 (2) M-0641060
Line, fuel 24 353 11

ENGINE CONTROLS - Group 9

Screw, phillips hd. 11-16x3/4" (2) 24 086 06
Bracket, throttle shaft..... 24 126 17
Bracket, control 24 126 59
Screw, hex. flange M6x1.0x16 M-0645016
Clamp, cable (2) 12 237 01
Screw, hex. flange M5x0.8x16 (2) M-0545016
Spring, governor 24 089 15
Spring, throttle shaft 24 089 20
Lever, throttle control 24 090 09
Lever, throttle control 24 090 12
Spacer 24 112 10
Shaft, throttle 24 144 11
Screw, hex. cap M4x0.7x30 M-0401030
Nut, hex M4x0.7 M-0446030
Nut, hex lock M6x1.0 (2) M-0647060
Washer, plain 1/4" (3) X-25-72
Lever, governor..... 24 090 14
Nut, hex. flange M6x1.0 M-0641060
Screw, hex. flange M6x1.0x25 SM-0642025
Linkage, throttle 24 079 04
Spring, linkage 24 089 01
Bushing, linkage retaining 25 158 08
Bushing, throttle linkage 25 158 11
Linkage, choke 24 079 10
Lever, choke 24 090 20
Bushing, throttle linkage 25 158 11
Spacer 25 431 01
Washer, spring 3/8" 277341
Screw, hex. flange M6x1.0x16 M-0639016
Nut, hex lock M6x1.0 M-0647060
Washer, plain 1/4" X-25-52

AIR INTAKE/FILTRATION - Group 10

Gasket, air cleaner base 24 041 14
Cover, inner air cleaner 24 096 01
Gasket, intake manifold (2) 24 041 01
Manifold, intake 24 164 26
Screw, hex. flange M6x1.0x55 (4) M-0651055
Wing Nut 12 100 01
Elbow, air cleaner 24 054 05
Seal 24 032 04
Seal 24 032 08
Element, air cleaner 24 083 03
Stud, M6x1.0x123 24 072 05
Cap 24 173 03
Connector 25 155 02
Clamp 25 237 01
Knob, air cleaner cover 12 341 01
Decal, engine maintenance 24 113 31

EXHAUST - Group 11

Gasket, exhaust (2) 24 041 02
Muffler 24 068 20
Nut, hex. flange M8x1.25 (4) M-0841080
Duct, heat shield 24 281 06
Screw, sems. drill 8-18x1/4" (4) 25 086 40
Stud, M6x1.0x36 (2) 24 072 08
Stud, M8x1.25x33 (4) 25 072 04
Nut, hex. flange M6x1.0 (2) M-0641060

Short Block 24 522 15
Miniblock 24 782 05
Gasket Set 24 755 03

CRANKSHAFT - Group 1

Crankshaft.....	24 014 44
Plug, cup	52 139 09

CRANKCASE - Group 2

Crankcase (USE: Miniblock 24 782 05)	
Shaft, governor cross	24 144 01
Seal, governor cross shaft.....	12 032 01
Washer, plain 1/4".....	X-25-102
Pin, hitch	12 380 04
Seal, oil front.....	24 032 01
Fitting	24 294 13
Retainer, reed (2).....	24 018 04
Reed, breather (2).....	24 402 05
Screw, hex. flange M5x0.8x10 (2).....	M-0545010
Camshaft	24 012 05
Shim, camshaft (A.R.)	12 422 09
Shim, camshaft (A.R.)	12 422 13
Shim, camshaft (A.R.)	12 422 07
Shim, camshaft (A.R.)	12 422 08
Shim, camshaft.....	12 422 10
Shim, camshaft (A.R.)	12 422 11
Shim, camshaft (A.R.)	12 422 12
Piston w/Ring Set (Std.) (2)	24 874 01
Piston w/Ring Set (.25) (2)	24 874 02
Piston w/Ring Set (.50) (2)	24 874 03
Retainer, piston pin (4).....	24 018 01
Ring Set (Std.) (2).....	24 108 01
Ring Set (.25) (2)	24 108 02
Ring Set (.50) (2)	24 108 03
Connecting Rod (Std.) (2).....	24 067 13
Connecting Rod (.25) (2)	24 067 14
Plug, cup	52 139 09
Pin, dowel locating (6)	12 380 17
Tube, oil fill	12 123 04
O-Ring, lower oil fill tube	12 153 01
O-Ring, upper oil fill tube.....	12 153 02
Bracket, oil fill tube	24 126 19
Dipstick assembly	24 038 04
Kit, oil fill cap	24 755 46
O-Ring	12 153 03
Kit, oil fill cap	25 755 13
O-Ring,	12 153 03
Washer, plain 6 mm.....	M-0631005
Screw, hex. flange M5x0.8x16	M-0545016

OIL PAN/LUBRICATION - Group 3

Pan, oil assembly.....	24 199 07
Shaft, governor gear	12 144 02
Kit, governor gear w/pin.....	24 043 12
Pin, governor regulating	12 380 01
Tab, locking	52 448 02
Screen, oil	24 162 26
Tube, oil pickup.....	24 123 05

Oil pump assembly	24 393 08
Washer, plain 6mm (2)	M-0631005
Screw, hex. flange M6x1.0x25 (2)	M-0645025
Screw, hex. flange M8x1.25x45 (9)	24 086 16
Screw, hex. flange M8x1.25x45	24 086 17
Seal, oil (PTO end)	52 032 08
Plug, hex. ctsk. 3/8"	X-75-32
Plug, sq. hd. solid 3/8"	X-75-10
Filter, oil	277233
O-Ring.....	24 153 08
Switch, oil pressure.....	48 099 07
Kit, oil cooler	54 755 14
Nipple, oil filter	24 136 05
Screw, hex. cap M6x1.7x18 (2)	24 086 12
Nut, plastic (2).....	24 100 01
O-Ring.....	24 153 17
Oil Cooler.....	24 594 15
Plate	24 146 11
Decal, write-on nameplate	41 037 10
Decal, oil sentry	25 113 05

HEAD/VALVE/BREATHER - Group 4

Head assembly, #2 cylinder	24 318 12
Screw, hex. flange M10x1.5x90 (8)	12 086 16
Kit, retainer (4)	12 755 03
Cap, valve spring (4)	12 173 01
Spring, valve (4)	24 089 02
Retainer, spring (4)	235011
Seal, valve stem (2)	24 032 05
Valve, intake (Std.) (2)	24 017 01
Valve, intake (.25) (2)	24 017 02
Gasket, cylinder head (2)	24 041 08
Valve, exhaust (Std.) (2)	24 016 01
Valve, exhaust (.25) (2)	24 016 02
Screw, hex. flange M6x1.0x20 (4)	M-0645020
Strap, lifting.....	24 445 01
Kit, valve cover - plain	24 755 74
Screw, shoulder (4)	24 086 32
O-Ring.....	24 153 16
Kit, valve cover - breather	24 755 76
O-Ring.....	24 153 16
Grommet, rubber	25 313 02
Screw, shoulder (4)	24 086 32
Screw, hex. flange M6x1.0x34 (4)	M-0640034
Kit, valve train	24 755 66
Pivot, rocker arm (4)	24 599 01
Rod, push (4)	24 411 05
Arm, rocker (4)	25 186 01
Lifter, valve (4)	12 351 02
Head assembly, #1 cylinder	24 318 11
Kit, breather cover w/gasket	24 033 03
Cover, breather	24 096 15
Gasket, breather	24 041 23
Fitting	24 294 01

Hose, flexible	24 326 03
Kit, breather separator	24 755 57
Spacer	24 112 12
Bracket, breather separator	24 126 44
Strap, breather	24 445 02
Grommet, breather	25 313 02
Screw, hex. flange M5x0.8x16 (2)	M-0545016

IGNITION/CHARGING - Group 5

Kit, 15 amp stator	54 755 09
Bracket, stator wire	24 126 71
Screw, hex. cap. M5x0.8x25 (2)	M-0548025
Screw, hex. flange M10x1.5x46	12 086 14
Washer, plain 3/8"	12 468 03
Flywheel	24 025 05
Key	X-42-15
Fan	24 157 03
Screw, set	25 086 43
Module, ignition (2)	24 584 11
Module, speed advance	24 584 09
Screw, phillips hd. 11-16x7/8" (2)	24 086 18
Lead, black, (4" - 18 gauge - insulated grip barrel eyelet terminals)	25 518 28
Rectifier-regulator	25 403 03
Washer, plain 1/4" (2)	X-25-63
Washer, plain 3/16 (2)	X-25-92
Spark Plug (2)	12 132 02
Clip, cable	47 154 01
Connector (3 contact)	236602
Harness, wiring	24 176 16
Clip, cable	48 154 02
Screw, hex. flange M4x0.7x10 (2)	M-0448010
Screw, thread forming M5x0.8x25 (4)	M-0561025
Washer, lock 1/4"	X-22-11
Kit, chopper screen	24 755 79
Stud, M6x1.0x122 (4)	M-0629122
Screw, valve	25 086 27
Decal, write-on nameplate	41 037 10
Ring, support	24 141 06
Spacer (4)	24 112 14
Screen, grass	24 162 25
Screw, hex. cap M6x1.0x100 (4)	M-0603100
Washer, plain 1/4" (4)	X-25-53
Washer, spring 10 mm (4)	24 468 11

BLOWER HOUSING & BAFFLES - Group 6

Housing, blower	24 027 33
Nut, plastic (5)	24 100 01
Nut, plastic (2)	24 100 02
Screw, set	25 086 43
Plug, button 9/16"	25 139 16
Screw, hex flange M5x0.8x16 (4)	M-0545016
Screw, hex flange M5x0.8x20 (2)	M-0545020

Screw, hex. flange M5x0.8x16	M-0551016
Plate, backing - #1 side	24 146 08
Plate, backing - #2 side	24 146 11
Screw, hex. flange M6x1.0x16 (6)	M-0645016
Baffle, valley	24 063 29
Baffle, left barrel	24 063 39
Baffle, cylinder barrel - #1 side	24 063 30
Screw, hex. flange M5x0.8x10 (2)	M-0545010
Decal, HP	24 113 13

STARTING SYSTEM - Group 7

Screw, hex. flange M8x1.25x80 (2)	M-0839080
Nut, hex. flange M8x1.25	M-0841080
Starter, solenoid shift	12 098 03
Drive, end cap	12 081 02
Lever, starter drive	12 090 10
Armature, starter	12 170 03
Drive, pinion	12 239 01
Commutator, end cap	12 301 01
Frame	12 471 01
Kit, starter repair	24 755 84
Nut, starter	52 100 09
Nut, starter (2)	52 100 10
Insulator	52 168 01
Bolt, thru M5x0.8x99 (2)	52 211 05
Kit, brush	52 221 01
Spring, brush (4)	52 089 09
Holder, brush	52 323 03
Solenoid	52 435 02

FUEL SYSTEM - Group 8

Kit, carburetor w/gasket	24 853 17
Gasket, carburetor	24 041 15
Gasket, air cleaner base	24 041 14
Carburetor assembly (For information only not available separately)	24 053 17
Kit, carburetor overhaul	24 757 18
Kit, choke repair	24 757 19
Kit, gasket replacement	24 757 20
Kit, solenoid repair	24 757 22
Filter, fuel	25 050 03
Line, fuel 3-1/2"	25 353 15
Clamp, hose (5)	X-426-9
Screw, hex. cap. M6x1.7x18 (2)	24 086 12
Nut, plastic (2)	24 100 01
Pump, fuel - pulse	24 393 04
Line, fuel 10-1/2"	24 353 03
Clip, cable	47 154 01
Stud M6x1.0x128 (2)	M-0629128
Nut, hex. flange M6x1.0 (2)	M-0641060
Line, fuel	24 353 11

ENGINE CONTROLS - Group 9

Screw, phillips hd.	
11-16x3/4" (2)	24 086 06
Bracket, throttle shaft.....	24 126 17
Bracket, control	24 126 59
Screw, hex. flange M6x1.0x16	M-0645016
Clamp, cable (2)	12 237 01
Screw, hex. flange	
M5x0.8x16 (2)	M-0545016
Spring, governor	24 089 15
Spring, throttle shaft	24 089 20
Lever, throttle control	24 090 09
Lever, throttle control	24 090 12
Spacer	24 112 10
Shaft, throttle	24 144 11
Screw, hex. cap M4x0.7x30	M-0401030
Nut, hex M4x0.7	M-0446030
Nut, hex lock M6x1.0 (2)	M-0647060
Washer, plain 1/4" (3)	X-25-72
Lever, governor	24 090 14
Nut, hex. flange M6x1.0	M-0641060
Screw, hex. flange M6x1.0x25	SM-0642025
Linkage, throttle	24 079 04
Spring, linkage	24 089 01
Bushing, linkage retaining	25 158 08
Bushing, throttle linkage	25 158 11
Linkage, choke	24 079 10
Lever, choke	24 090 20
Bushing, throttle linkage	25 158 11
Spacer	25 431 01
Washer, spring 3/8"	277341
Screw, hex. flange M6x1.0x16	M-0639016
Nut, hex lock M6x1.0	M-0647060
Washer, plain 1/4"	X-25-52

AIR INTAKE/FILTRATION - Group 10

Gasket, air cleaner base	24 041 14
Cover, inner air cleaner	24 096 01
Gasket, intake manifold (2)	24 041 01
Manifold, intake	24 164 06
Screw, hex. flange M6x1.0x55 (4)	M-0651055
Wing Nut	12 100 01
Elbow, air cleaner	24 054 05
Stud, M6x1.0x123	24 072 05
Fitting	24 294 01
Seal	24 032 04
Seal	24 032 08
Element, air cleaner.....	24 083 03
Knob, air cleaner cover.....	12 341 01
Decal, engine maintenance	24 113 31

EXHAUST - Group 11

Gasket, exhaust (2)	24 041 02
Muffler	24 068 20
Nut, hex. flange M8x1.25 (4)	M-0841080
Duct, heat shield	24 281 06
Screw, sems. drill 8-18x1/4" (4)	25 086 40
Stud, M6x1.0x36 (2)	24 072 08
Stud, M8x1.25x33 (4)	25 072 04
Nut, hex. flange M6x1.0 (2)	M-0641060

Short Block	24 522 15
Miniblock	24 782 05
Gasket Set	24 755 03

CRANKSHAFT - Group 1

Crankshaft	24 014 44
Plug, cup	52 139 09

CRANKCASE - Group 2

Crankcase (USE: Miniblock 24 782 06)	
Shaft, governor cross	24 144 01
Washer, plain 1/4"	X-25-63
Seal, governor cross shaft	12 032 01
Washer, plain 1/4"	X-25-102
Pin, hitch	12 380 04
Seal, oil front	24 032 01
Fitting	24 294 13
Retainer, reed (2)	24 018 04
Reed, breather (2)	24 402 05
Screw, hex. flange M5x0.8x10 (2)	M-0545010
Camshaft	24 012 05
Shim, camshaft (A.R.)	12 422 09
Shim, camshaft (A.R.)	12 422 13
Shim, camshaft (A.R.)	12 422 07
Shim, camshaft (A.R.)	12 422 08
Shim, camshaft	12 422 10
Shim, camshaft (A.R.)	12 422 11
Shim, camshaft (A.R.)	12 422 12
Piston w/Ring Set (Std.) (2)	24 874 06
Retainer, piston pin (4)	24 018 01
Ring Set (Std.) (2)	24 108 04
Connecting Rod (Std.) (2)	24 067 13
Connecting Rod (.25) (2)	24 067 14
Plug, cup	52 139 09
Pin, dowel locating (6)	12 380 17
Tube, oil fill	12 123 04
O-Ring, lower oil fill tube	12 153 01
O-Ring, upper oil fill tube	12 153 02
Bracket, oil fill tube	24 126 19
Screw, hex. flange M5x0.8x16	M-0545016
Dipstick assembly	24 038 04
Kit, oil fill cap	24 755 46
O-Ring	12 153 03
Kit, oil fill cap	25 755 13
O-Ring,	12 153 03
Washer, plain 6 mm	M-0631005

OIL PAN/LUBRICATION - Group 3

Kit, oil pan	24 755 59
Gasket, oil pan	24 041 24
Shaft, governor gear	12 144 02
Kit, governor gear w/pin	24 043 12
Pin, governor regulating	12 380 01
Tab, locking	52 448 02
Screen, oil	24 162 26
Oil pump assembly	24 393 08
Tube, oil pickup	24 123 05
Screw, hex. flange M8x1.25x45 (9)	24 086 16

Screw, hex. flange M8x1.25x45	24 086 17
Seal, oil (PTO end)	52 032 08
Plug, hex. ctsk. 3/8"	X-75-32
Plug, sq. hd. solid 3/8"	X-75-10
Washer, plain 6mm (2)	M-0631005
Screw, hex. flange M6x1.0x25 (2)	M-0645025
Filter, oil	277233
Kit, oil cooler	54 755 14
Nipple, oil filter	24 136 05
Screw, hex. cap M6x1.7x18 (2)	24 086 12
Nut, plastic (2)	24 100 01
O-Ring	24 153 17
Oil Cooler	24 594 15
Decal, write-on nameplate	41 037 10
Plate, backing #2 side	24 146 11
Switch, oil pressure	48 099 07
Shim, thrust .90 mm	24 422 03

HEAD/VALVE/BREATHER - Group 4

Head assembly, #2 cylinder	24 318 18
Screw, hex. flange M10x1.5x90 (8)	12 086 16
Kit, retainer (4)	12 755 03
Cap, valve spring (4)	12 173 01
Spring, valve (4)	24 089 02
Retainer, spring (4)	235011
Seal, valve stem (2)	24 032 05
Valve, intake (Std.) (2)	24 017 01
Valve, intake (.25) (2)	24 017 02
Gasket, cylinder head (2)	24 041 32
Valve, exhaust (Std.) (2)	24 016 01
Valve, exhaust (.25) (2)	24 016 02
Kit, valve cover - breather	24 755 76
Grommet, rubber	25 313 02
Screw, shoulder (4)	24 086 32
O-Ring	24 153 16
Screw, hex. flange M6x1.0x20 (4)	M-0645020
Strap, lifting	24 445 01
Kit, valve cover - plain	24 755 74
Screw, shoulder (4)	24 086 32
O-Ring	24 153 16
Screw, hex. flange M6x1.0x34 (4)	M-0640034
Kit, valve train	24 755 66
Pivot, rocker arm(4)	24 599 01
Rod, push (4)	24 411 05
Arm, rocker (4)	25 186 01
Lifter, valve (4)	12 351 02
Head assembly, #1 cylinder	24 318 17
Kit, breather cover w/gasket	24 033 03
Cover, breather	24 096 15
Gasket, breather	24 041 23
Fitting	24 294 01
Kit, breather separator	24 755 57
Spacer	24 112 12
Bracket, breather separator	24 126 44

Strap, breather	24 445 02
Grommet, rubber	25 313 02
Screw, hex. flange M5x0.8x16 (2)	M-0545016
Liner, exhaust port (2)	24 605 01
Hose, breather	24 326 03

IGNITION/ELECTRICAL - Group 5

Kit, 15 amp stator	54 755 09
Bracket, stator wire	24 126 71
Screw, hex. cap M5x0.8x25 (2)	M-0548025
Screw, hex. flange M10x1.5x46	12 086 14
Washer, plain 3/8"	12 468 03
Flywheel	24 025 08
Key	X-42-15
Fan	24 157 03
Module, ignition (2)	24 584 11
Module, speed advance	24 584 09
Screw, thread forming M5x0.8x25 (4)	M-0561025
Screw, phillips hd. 11-16x7/8" (2)	24 086 18
Lead, black, (4" - 18 gauge - insulated grip barrel eyelet terminals)	25 518 28
Rectifier-regulator	25 403 03
Washer, plain 1/4" (2)	X-25-63
Washer, plain 3/16" (2)	X-25-92
Spark Plug (2)	12 132 02
Clip, cable	47 154 01
Connector (3 contact)	236602
Harness, wiring	24 176 16
Screw, set	25 086 43
Clip, cable	48 154 02
Washer, lock 1/4"	X-22-11
Screw, hex. flange M4x0.7x10 (2)	M-0448010
Kit, chopper screen	24 755 79
Spacer, fan (4)	12 112 14
Screen, grass	24 162 25
Ring, support	24 141 06
Screw, hex. cap M6x1.0x100 (4)	M-0603100
Washer, spring 10 mm (4)	24 468 11
Washer, plain 1/4 (4)	X-25-53
Screw, valve	25 086 27
Decal, write-on nameplate	41 037 10
Stud, M6x1.0x122 (4)	M-0629122

BLOWER HOUSING & BAFFLES - Group 6

Housing, blower	24 027 90
Nut, plastic (3)	24 100 01
Nut, plastic (2)	24 100 02
Screw, set	25 086 43
Plug, button 9/16"	25 139 16
Screw, hex. flange M5x0.8x16 (4)	M-0545016
Screw, hex. flange M5x0.8x20 (2)	M-0545020
Screw, hex. flange M5x0.8x16	M-0551016
Plate, backing - # 1 side	24 146 08
Plate, backing - # 2 side	24 146 11

Screw, hex. flange M6x1.0x16 (4)	M-0645016
Baffle, valley	24 063 29
Baffle, left barrel	24 063 39
Baffle, cyl. barrel-# 1 side	24 063 31
Screw, hex. flange M5x0.8x10 (2)	M-0545010
Screw, hex. flange M6x1.0x16 (2)	M-0645016

STARTING SYSTEM - Group 7

Screw, hex. flange M8x1.25x80 (2)	M-0839080
Nut, hex. flange M8x1.25	M-0841080
Starter, solenoid shift	12 098 03
Drive, end cap	12 081 02
Lever, starter drive	12 090 10
Armature, starter	12 170 03
Drive, pinion	12 239 01
Commutator, end cap	12 301 01
Frame	12 471 01
Kit, starter repair	24 755 84
Nut, starter	52 100 09
Nut, starter (2)	52 100 10
Insulator	52 168 01
Bolt, thru M5x0.8x99 (2)	52 211 05
Kit, brush	52 221 01
Spring, brush (4)	52 089 09
Holder, brush	52 323 03
Solenoid	52 435 02

FUEL SYSTEM - Group 8

Kit, carburetor w/gasket	24 853 36
Gasket, carburetor	24 041 15
Gasket, air cleaner	24 041 14
Carburetor assembly (For information only not available separately)	24 053 36
Chamber, float (bowl)	24 234 02
Kit, overhaul with gaskets	24 757 18
Kit, choke repair with gaskets	24 757 19
Kit, gasket with gaskets	24 757 20
Kit, accelerator pump with gaskets	24 757 21
Kit, solenoid replacement with gaskets	24 757 22
Stud, M6x1.0x128 (2)	M-0629128
Nut, hex. flange M6x1.0 (2)	M-0641060
Filter, fuel	25 050 03
Line, fuel 12" (2)	52 353 22
Clamp, hose (5)	X-426-9
Screw, hex. cap M6x1.7x18 (2)	24 086 12
Nut, plastic (2)	24 100 01
Pump, fuel - pulse	24 393 04
Line, fuel 3-1/2"	25 353 15
Clip, cable	47 154 01
Line, fuel 10-1/2"	24 353 03

ENGINE CONTROLS - Group 9

Screw, phillips hd. 11-16x3/4" (2)	24 086 06
Bracket, throttle shaft	24 126 17

Bracket, control	24 126 59
Clamp, cable (2)	12 237 01
Screw, hex. flange M5x0.8x16 (2)	M-0545016
Spring, governor	24 089 15
Spring, throttle shaft	24 089 20
Lever, throttle control	24 090 09
Lever, throttle control	24 090 12
Spacer	24 112 10
Shaft, throttle	24 144 11
Screw, hex. cap M4x0.7x30	M-0401030
Nut, hex M4x0.7	M-0446030
Nut, hex lock M6x1.0 (2)	M-0647060
Washer, plain 1/4" (3)	X-25-72
Lever, governor	24 090 14
Nut, hex. flange M6x1.0	M-0641060
Screw, hex. flange M6x1.0x25	SM-0642025
Linkage, throttle	24 079 04
Spring, linkage	24 089 01
Bushing, linkage retaining	25 158 08
Bushing, throttle linkage	25 158 11
Linkage, choke	24 079 10
Lever, choke	24 090 20
Bushing, throttle linkage	25 158 11
Spacer	25 431 01
Washer, spring 3/8"	277341
Screw, hex. flange M6x1.0x16	M-0639016
Nut, hex lock M6x1.0	M-0647060
Washer, plain 1/4"	X-25-52

AIR INTAKE/FILTRATION - Group 10

Gasket, air cleaner base	24 041 14
Cover, inner air cleaner	24 096 01
Gasket, intake manifold (2)	24 041 01
Manifold, intake	24 164 06
Screw, hex. flange M6x1.0x55 (4)	M-0651055
Wing Nut	12 100 01
Elbow, air cleaner	24 054 05
Stud, M6x1.0x123	24 072 05
Fitting	24 294 01
Seal	24 032 04
Seal	24 032 08
Element, air cleaner	24 083 03
Knob, air cleaner cover	12 341 01

EXHAUST - Group 11

Gasket, exhaust (2)	24 041 02
Muffler	24 068 28
Nut, hex. flange M8x1.25 (4)	M-0841080
Duct, heat shield	24 281 08
Screw, sems drill	
8-18x9/16 (4)	25 086 40
Stud, M6x1.0x36 (2)	24 072 08
Stud, M8x1.25x33 (4)	25 072 04
Nut, hex. flange (2)	M-0641060
Deflector, heat (2)	24 265 09
Screw, hex. flange M6x1.0x16 (2)	M-0645016

Short Block	24 522 71
Miniblock	24 782 06
Gasket Set	24 755 03

CRANKSHAFT - Group 1

Crankshaft.....	24 014 44
Plug, cup.....	52 139 09

CRANKCASE - Group 2

Crankcase (USE: Miniblock 24 782 06)	
Shaft, governor cross	24 144 01
Washer, plain 1/4".....	X-25-63
Seal, governor cross shaft.....	12 032 01
Washer, plain 1/4".....	X-25-102
Pin, hitch.....	12 380 04
Seal, oil front.....	24 032 01
Fitting.....	24 294 13
Retainer, reed (2).....	24 018 04
Reed, breather (2).....	24 402 05
Screw, hex. flange M5x0.8x10 (2).....	M-0545010
Camshaft.....	24 012 05
Shim, camshaft (A.R.).....	12 422 09
Shim, camshaft (A.R.).....	12 422 13
Shim, camshaft (A.R.).....	12 422 07
Shim, camshaft (A.R.).....	12 422 08
Shim, camshaft.....	12 422 10
Shim, camshaft (A.R.).....	12 422 11
Shim, camshaft (A.R.).....	12 422 12
Piston w/Ring Set (Std.) (2).....	24 874 06
Retainer, piston pin (4).....	24 018 01
Ring Set (Std.) (2).....	24 108 04
Connecting Rod (Std.) (2).....	24 067 13
Connecting Rod (.25) (2).....	24 067 14
Plug, cup.....	52 139 09
Pin, dowel locating (6).....	12 380 17
Tube, oil fill.....	12 123 04
O-Ring, lower oil fill tube.....	12 153 01
O-Ring, upper oil fill tube.....	12 153 02
Bracket, oil fill tube.....	24 126 19
Screw, hex. flange M5x0.8x16.....	M-0545016
Dipstick assembly.....	24 038 04
Kit, oil fill cap.....	24 755 46
O-Ring.....	12 153 03
Kit, oil fill cap.....	25 755 13
O-Ring.....	12 153 03
Washer, plain 6 mm.....	M-0631005

OIL PAN/LUBRICATION - Group 3

Kit, oil pan.....	24 755 59
Gasket, oil pan.....	24 041 24
Shaft, governor gear.....	12 144 02
Kit, governor gear w/pin.....	24 043 12
Pin, governor regulating.....	12 380 01
Tab, locking.....	52 448 02
Screen, oil.....	24 162 26
Oil pump assembly.....	24 393 08
Tube, oil pickup.....	24 123 05
Screw, hex. flange M8x1.25x45 (9).....	24 086 16

Screw, hex. flange M8x1.25x45.....	24 086 17
Seal, oil (PTO end).....	52 032 08
Plug, hex. ctsk. 3/8".....	X-75-32
Plug, sq. hd. solid 3/8".....	X-75-10
Washer, plain 6mm (2).....	M-0631005
Screw, hex. flange M6x1.0x25 (2).....	M-0645025
Filter, oil.....	277233
Kit, oil cooler.....	54 755 14
Nipple, oil filter.....	24 136 05
Screw, hex. cap M6x1.7x18 (2).....	24 086 12
Nut, plastic (2).....	24 100 01
O-Ring.....	24 153 17
Oil Cooler.....	24 594 15
Decal, write-on nameplate.....	41 037 10
Plate, backing #2 side.....	24 146 11
Switch, oil pressure.....	48 099 07
Shim, thrust .90 mm.....	24 422 03

HEAD/VALVE/BREATHER - Group 4

Head assembly, #2 cylinder.....	24 318 18
Screw, hex. flange M10x1.5x90 (8).....	12 086 16
Kit, retainer (4).....	12 755 03
Cap, valve spring (4).....	12 173 01
Spring, valve (4).....	24 089 02
Retainer, spring (4).....	235011
Seal, valve stem (2).....	24 032 05
Valve, intake (Std.) (2).....	24 017 01
Valve, intake (.25) (2).....	24 017 02
Gasket, cylinder head (2).....	24 041 32
Valve, exhaust (Std.) (2).....	24 016 01
Valve, exhaust (.25) (2).....	24 016 02
Kit, valve cover - breather.....	24 755 76
Grommet, rubber.....	25 313 02
Screw, shoulder (4).....	24 086 32
O-Ring.....	24 153 16
Screw, hex. flange M6x1.0x20 (4).....	M-0645020
Strap, lifting.....	24 445 01
Kit, valve cover - plain.....	24 755 74
Screw, shoulder (4).....	24 086 32
O-Ring.....	24 153 16
Screw, hex. flange M6x1.0x34 (4).....	M-0640034
Kit, valve train.....	24 755 66
Pivot, rocker arm(4).....	24 599 01
Rod, push (4).....	24 411 05
Arm, rocker (4).....	25 186 01
Lifter, valve (4).....	12 351 02
Head assembly, #1 cylinder.....	24 318 17
Kit, breather cover w/gasket.....	24 033 03
Cover, breather.....	24 096 15
Gasket, breather.....	24 041 23
Fitting.....	24 294 01
Kit, breather separator.....	24 755 57
Spacer.....	24 112 12
Bracket, breather separator.....	24 126 44

Strap, breather	24 445 02
Grommet, rubber	25 313 02
Screw, hex. flange M5x0.8x16 (2)	M-0545016
Liner, exhaust port (2)	24 605 01
Hose, breather	24 326 03

IGNITION/ELECTRICAL - Group 5

Kit, 15 amp stator	54 755 09
Bracket, stator wire	24 126 71
Screw, hex. cap M5x0.8x25 (2)	M-0548025
Screw, hex. flange M10x1.5x46	12 086 14
Washer, plain 3/8"	12 468 03
Flywheel	24 025 04
Key	X-42-15
Fan	24 157 03
Module, ignition (2)	24 584 01
Screw, phillips hd. 11-16x7/8" (2)	24 086 18
Lead, black, (4" - 18 gauge - insulated grip barrel eyelet terminals)	25 518 28
Rectifier-regulator	25 403 03
Washer, plain 3/16" (2)	X-25-92
Spark Plug (2)	12 132 02
Washer, plain 1/4"	X-25-63
Screw, set	25 086 43
Washer, lock 1/4"	X-22-11
Clip, cable	48 154 02
Harness, wiring	24 176 40
Connector	236602
Kit, chopper screen	24 755 79
Screen, grass	24 162 25
Washer, plain 1/4" (4)	X-25-53
Spacer (4)	24 112 14
Ring, support	24 141 06
Washer, spring 10 mm (4)	24 468 11
Screw, hex. cap M6x1.0x100 (4)	M-0603100
Screw, valve	25 086 27
Decal, write-on nameplate	41 037 10
Stud, M6x1.0x122 (4)	M-0629122
Screw, hex. flange M5x0.8x20 (4)	M-0545020
Clip, cable	235173

BLOWER HOUSING & BAFFLES - Group 6

Housing, blower	24 027 90
Nut, plastic (3)	24 100 01
Nut, plastic (2)	24 100 02
Screw, set	25 086 43
Plug, button 9/16"	25 139 16
Screw, hex. flange M5x0.8x16 (4)	M-0545016
Screw, hex. flange M5x0.8x20 (2)	M-0545020
Screw, hex. flange M5x0.8x16	M-0551016
Plate, backing - # 1 side	24 146 08
Plate, backing - # 2 side	24 146 11
Screw, hex. flange M6x1.0x16 (4)	M-0645016
Baffle, valley	24 063 29

Baffle, left barrel	24 063 39
Baffle, cyl. barrel-# 1 side	24 063 31
Screw, hex. flange M5x0.8x10 (2)	M-0545010
Screw, hex. flange M6x1.0x16 (2)	M-0645016

STARTING SYSTEM - Group 7

Screw, hex. flange M8x1.25x80 (2)	M-0839080
Nut, hex. flange M8x1.25	M-0841080
Starter, solenoid shift	12 098 03
Drive, end cap	12 081 02
Lever, starter drive	12 090 10
Armature, starter	12 170 03
Drive, pinion	12 239 01
Commutator, end cap	12 301 01
Frame	12 471 01
Kit, starter repair	24 755 84
Nut, starter	52 100 09
Nut, starter (2)	52 100 10
Insulator	52 168 01
Bolt, thru M5x0.8x99 (2)	52 211 05
Kit, brush	52 221 01
Spring, brush (4)	52 089 09
Holder, brush	52 323 03
Solenoid	52 435 02

FUEL SYSTEM - Group 8

Kit, carburetor w/gasket	24 853 36
Gasket, carburetor	24 041 15
Gasket, air cleaner	24 041 14

Carburetor assembly (For information only

not available separately)	24 053 36
Chamber, float (bowl)	24 234 02
Kit, overhaul with gaskets	24 757 18
Kit, choke repair with gaskets	24 757 19
Kit, gasket with gaskets	24 757 20
Kit, accelerator pump with gaskets	24 757 21
Kit, solenoid replacement with gaskets	24 757 22
Stud, M6x1.0x128 (2)	M-0629128
Nut, hex. flange M6x1.0 (2)	M-0641060
Filter, fuel	25 050 03
Line, fuel 12" (2)	52 353 22
Clamp, hose (5)	X-426-9
Screw, hex. cap M6x1.7x18 (2)	24 086 12
Nut, plastic (2)	24 100 01
Pump, fuel - pulse	24 393 04
Line, fuel 3-1/2"	25 353 15
Clip, cable	47 154 01
Line, fuel 10-1/2"	24 353 03

ENGINE CONTROLS - Group 9

Screw, phillips hd. 11-16x3/4" (2)	24 086 06
Bracket, throttle shaft	24 126 17
Bracket, control	24 126 59

Clamp, cable (2)	12 237 01
Screw, hex. flange M5x0.8x16 (2)	M-0545016
Spring, governor	24 089 15
Spring, throttle shaft	24 089 20
Lever, throttle control	24 090 09
Lever, throttle control	24 090 12
Spacer	24 112 10
Shaft, throttle	24 144 11
Screw, hex. cap M4x0.7x30	M-0401030
Nut, hex M4x0.7	M-0446030
Nut, hex lock M6x1.0 (2)	M-0647060
Washer, plain 1/4" (3)	X-25-72
Lever, governor	24 090 14
Nut, hex. flange M6x1.0	M-0641060
Screw, hex. flange M6x1.0x25	SM-0642025
Linkage, throttle	24 079 04
Spring, linkage	24 089 01
Bushing, linkage retaining	25 158 08
Bushing, throttle linkage	25 158 11
Linkage, choke	24 079 10
Lever, choke	24 090 20
Bushing, throttle linkage	25 158 11
Spacer	25 431 01
Washer, spring 3/8"	277341
Screw, hex. flange M6x1.0x16	M-0639016
Nut, hex lock M6x1.0	M-0647060
Washer, plain 1/4"	X-25-52

AIR INTAKE/FILTRATION - Group 10

Gasket, air cleaner base	24 041 14
Cover, inner air cleaner	24 096 01
Gasket, intake manifold (2)	24 041 01
Manifold, intake	24 164 06
Screw, hex. flange M6x1.0x55 (4)	M-0651055
Wing Nut	12 100 01
Elbow, air cleaner	24 054 05
Stud, M6x1.0x123	24 072 05
Fitting	24 294 01
Seal	24 032 04
Seal	24 032 08
Element, air cleaner	24 083 03
Knob, air cleaner cover	12 341 01

EXHAUST - Group 11

Gasket, exhaust (2)	24 041 02
Muffler	24 068 28
Nut, hex. flange M8x1.25 (4)	M-0841080
Duct, heat shield	24 281 08
Screw, sems drill 8-18x9/16 (4)	25 086 40
Stud, M6x1.0x36 (2)	24 072 08
Stud, M8x1.25x33 (4)	25 072 04
Nut, hex. flange (2)	M-0641060
Deflector, heat (2)	24 265 09
Screw, hex. flange M6x1.0x16 (2)	M-0645016

Short Block	24 522 71
Miniblock	24 782 06
Gasket Set	24 755 03