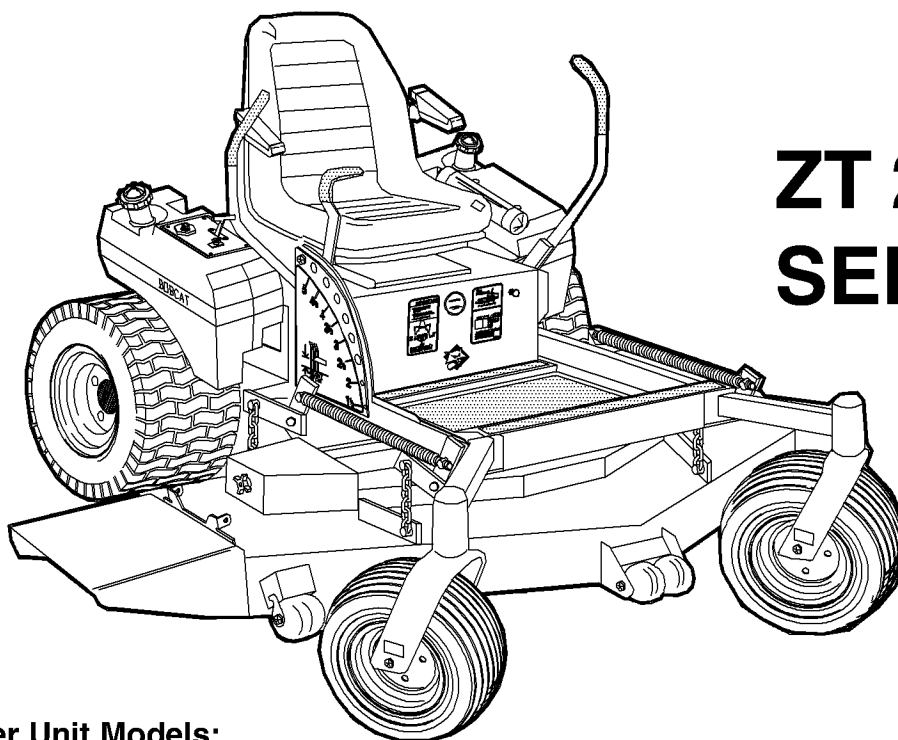




BOB-CAT®

SETUP, PARTS & MAINTENANCE MANUAL



ZT 200 SERIES

Power Unit Models:

942212 - PWR UNIT ZT 200 22 KLR

942213 - PWR UNIT ZT 200 23 KAW

942215 - PWR UNIT ZT 200 25 KLR

(Operation & Safety Manual: 2188193)

For Cutterdecks 955202, 955217, 956017, 956102
see Parts Manual: 2188197



TEXTRON
TURF CARE AND SPECIALTY PRODUCTS

2188198 REV03



ZT 200 Series

IMPORTANT MESSAGE

Thank you for purchasing this Bob-Cat product. You have purchased a world class mowing product, one of the best designed and built anywhere.

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

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

See a Bob-Cat dealer for any service or parts needed. Bob-Cat service ensures that you continue to receive the best results possible from Bob-Cat' products. You can trust Bob-Cat replacement parts because they are manufactured with the same high precision and quality as the original parts.

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

Textron Turf Care And Specialty Products
One Bob Cat Lane
Johnson Creek, WI 53038-0469

TABLE OF CONTENTS	PAGE
Safety	2
Assembly & Setup	3-9
Maintenance Chart	10
Maintenance Record	11
Maintenance	12-17
Adjustments	18-21
Belt Replacement	22,23
Specifications	24-26
Fastener Torques	27
Upper engine deck assembly	28,29
Lower engine deck assembly/Clutch	30,31
Cradle assembly	32,33
Decals	34,35
Bumper	36,37
Brakes/Rear wheel	38,39
Hydraulics	40,41
Hydrogear pump	42,43
Kohler Wiring harness	44,45
Kohler Wiring harness	46,47
Fuel tanks/Control panel	48,49
Oil cooler	50,51
Seat assembly & ROPS	52,53
Steering/Old Deck Lift	54,55
Steering/New Deck Lift	56,57
Cross reference	58-61



NOTICE !!!

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

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

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



This symbol means:
ATTENTION!
BECOME ALERT!

Your safety and the safety of others is involved.

Signal word definitions:

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

DANGER

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

WARNING

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

CAUTION

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

CAUTION

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



SERIAL TAG

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

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



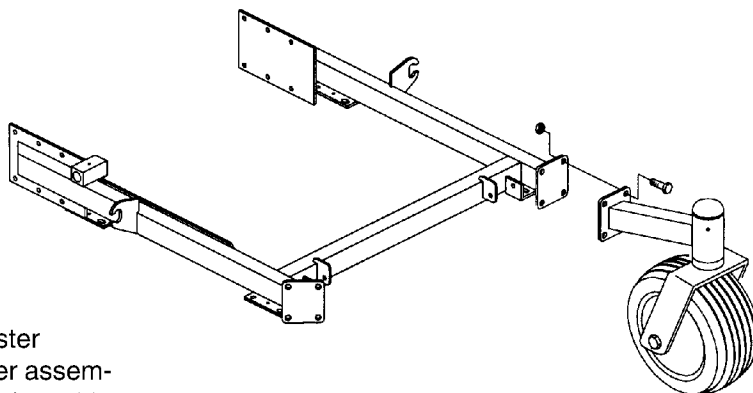
TOOLS REQUIRED FOR ASSEMBLY

- Wrecking bar
- Claw hammer
- Ratchets: 3/8" and 1/2" drive
- 3/8" Drive extensions
- Sockets: 3/8", 1/2", 15/16", 13 mm, 17 mm, 19 mm
- Wrenches: two 15/16" (or adjustable), 13 mm, 17 mm, 19 mm
- Pliers
- 4x4 Blocks or equivalent
- Level
- Straight edge
- Ruler or tape to measure 13.25"
- Tire pressure gauge

NOTE: All references below to the "right" or "left" are with respect to an operator at the controls.

1. INSTALL CASTER WHEELS

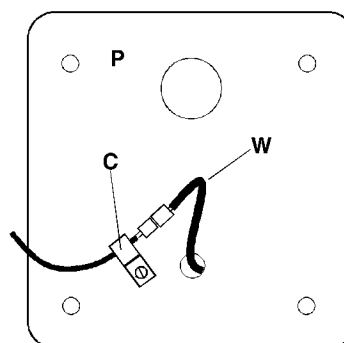
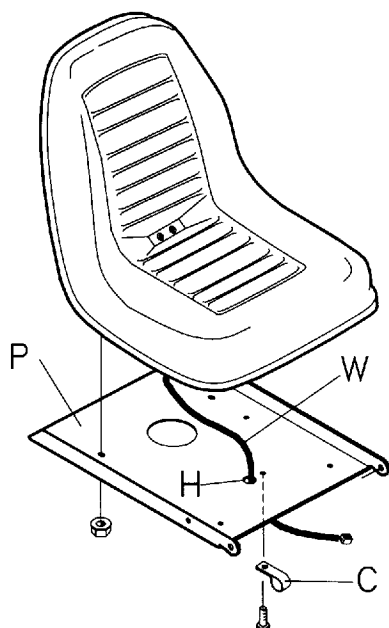
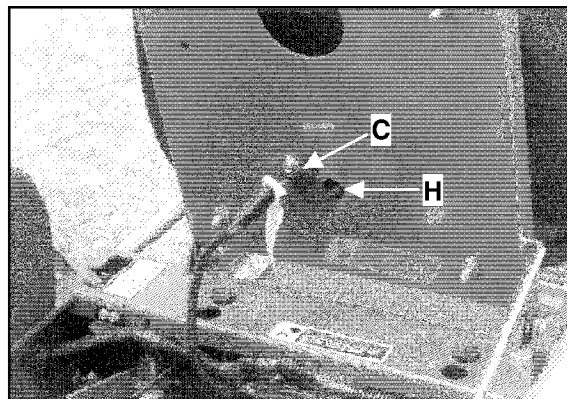
- Remove the top, sides and packing materials from power unit and cutterdeck crates.
- Remove rear shipping bracket from power unit. Discard bracket and fasteners.
- Remove shipping bracket from left caster bracket on power unit. Install left caster assembly from cutterdeck crate with four M12-1.75x30 bolts and nylon locknuts. Tighten securely.
- Remove shipping bracket from right caster bracket on power unit. Install right caster assembly from cutterdeck crate with four M12-1.75x30 bolts and nylon locknuts. Tighten securely.





2. INSTALL SEAT

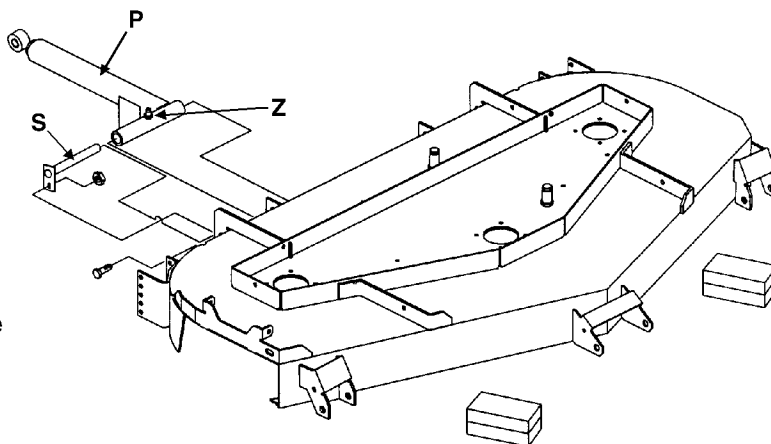
- Position seat over seat plate and route seat wire **W** through hole **H** in seat plate. Drop seat mounting studs through seat plate holes. Secure studs with four 5/16-18 whiz nuts and tighten securely.
- Leave enough seat wire between the seat and seat plate to allow full fore and aft travel of the seat. Secure seat wire on the bottom of the seat plate with clip **C** and a 1/4-20x3/8 thread forming screw.
- Connect the tractor harness to the seat wire.



Bottom of seat plate **P** showing clip **C**

3. INSTALL PUSH ARMS

- Install each push arm **P** between two deck rear brackets with pivot shaft **S**.
- Secure each pivot shaft with an M8-1.25x20 bolt and nylon insert locknut.
- Grease the push arms at **Z** until grease starts to escape.



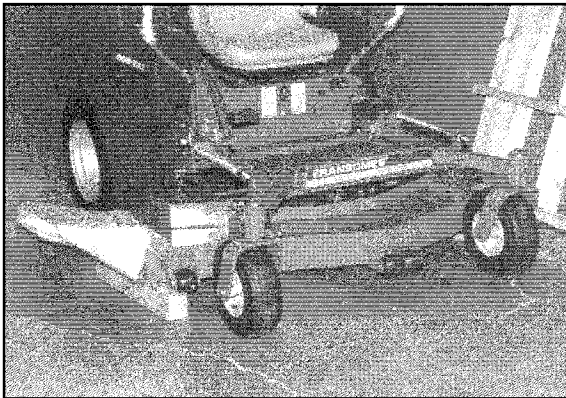


4. INSTALL CUTTERDECK

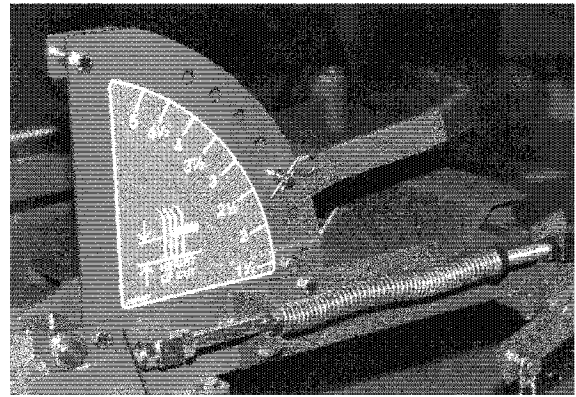
- a) Remove cutterdeck from the pallet and support on 4x4 blocks or equivalent.
- b) Open the two transmission bypass valves on the power unit.



- c) Roll the power unit to the cutterdeck and lift the carrier frame over the cutterdeck.



- d) Push the lift lever down against the spring and secure in that position with the height of cut pin.



- e) Attach the deck hanger chains to the cutterdeck with four (4) M12-1.75x50 bolts and eight whiz nuts. Tighten securely.

- f) Raise the deck and remove the blocks.
- g) Close the transmission bypass valves.



5. MOUNT PUSH ARMS TO POWER UNIT

- Attach push arm **A** below the wheel motor with a 5/8-11x4-1/2 bolt through rod end **E**. (Fig. 1). Do not install a nut yet.
- Force push arm **A** tight against the tractor frame by pushing against push arm **B**. Push the rod arm flush against the cylindrical mounting surface.
- In the gap **X** formed, if any, between push arm **B** and its corresponding mating surface, fit as many 5/8x1-1/8-1/16 washers as possible (Fig 2). Half of those spacers are required for gap **X** (plus one if an odd number are needed altogether). The rest are for the other push arm. Discard any leftover washers.
- For each push arm, install a 5/8-11x4-1/2 bolt through the rod end, the washers required and the tractor frame. Secure each bolt with a nylon insert locknut (Fig. 3).

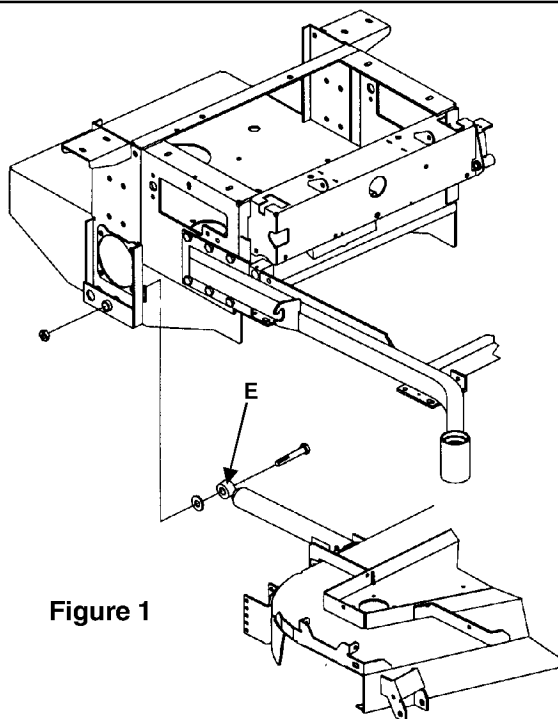


Figure 1

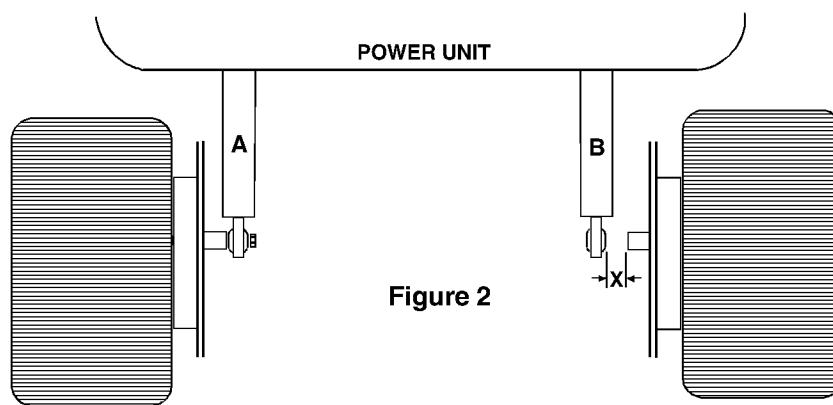


Figure 2

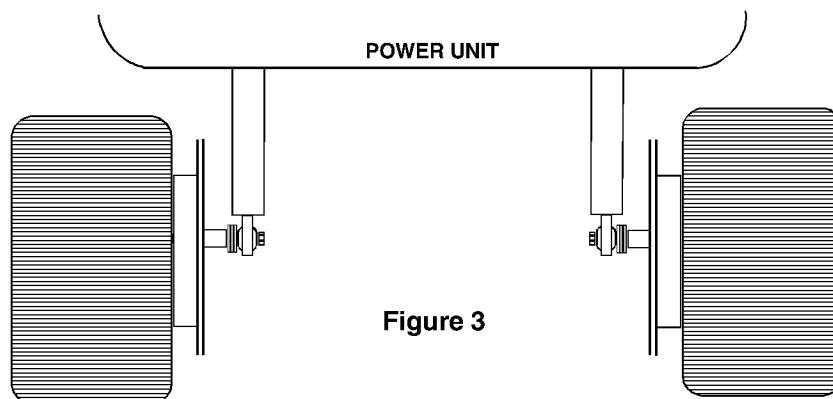
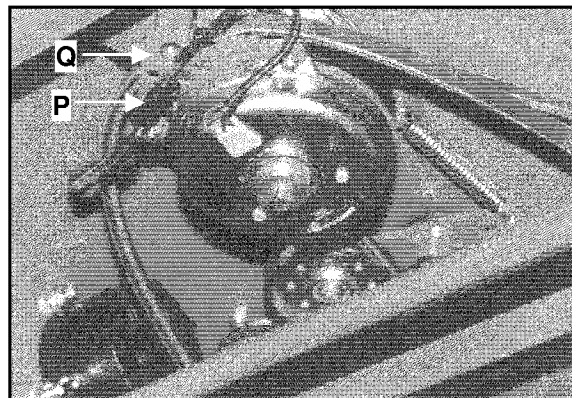


Figure 3



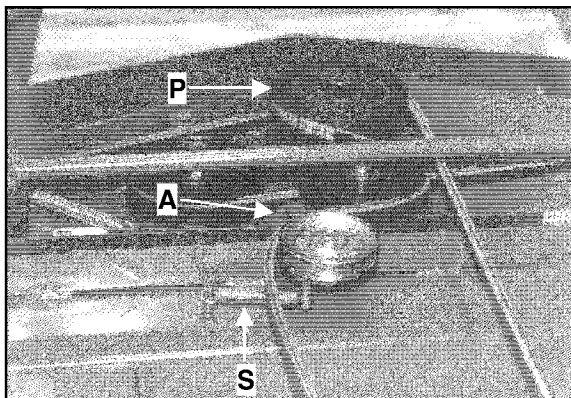
6. INSTALL DECK DRIVE BELT AT POWER UNIT

- Unplug the electric clutch wires at **P** and remove the M8-1.25x20 carriage bolts securing the electric clutch torque restraint **Q**.
- Install the cutterdeck drive belt on the electric clutch pulley. Pass it through toward the center pulley on the cutterdeck.
- Reinstall the torque restraint and reconnect the electric clutch wires.



7. INSTALL DECK DRIVE BELT AT DECK

- Lower the cutterdeck to its lowest setting. Raise the footplate on the cutterdeck carrier.
- Loop the drive belt around the center spindle pulley **P**.
- Install the belt tensioning spring **S** between the pins on the idler arm and the cutter deck.
- Put a short extension on a 3/8" drive ratchet handle and insert the extension into the square hole in idler arm **A**. Use the ratchet handle to rotate the idler assembly against the tensioning spring enough to slip the belt over the idler pulleys.



Deck drive belt routing (deck detached for clarity -
viewed from rear of deck)



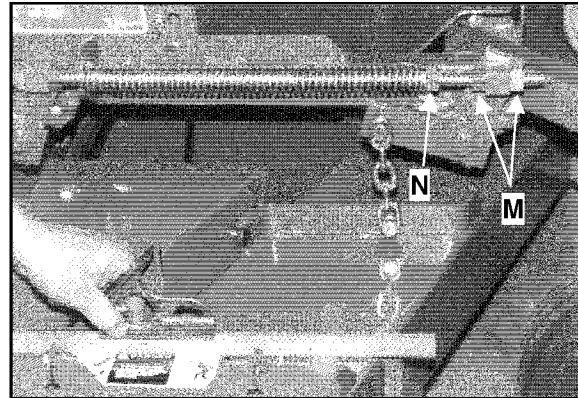
8. Set tire pressures to 14 psi. Tires are overinflated for shipping.

9. LEVEL CUTTERDECK AND ADJUST COUNTERBALANCE SPRINGS

- **Side Discharge:** The front of a side discharge deck should be slightly lower than the rear.
- **Mulching:** The front of a mulching deck should be slightly higher than the rear.

To level deck:

- a) Park the machine on a smooth, level surface. The deck may be set to any cutting height.
- b) Place a level on the deck, from front to rear. If the level is too short to reach all the way from front to rear, lay a straight edge on the deck first, then place the level on the straight edge.
- c) Lay a 1/8" spacer beneath the front of the level for the side discharge and under the rear for mulching.
- d) Adjust nuts **M** until the level's bubble is centered. Repeat for the other side of the deck.



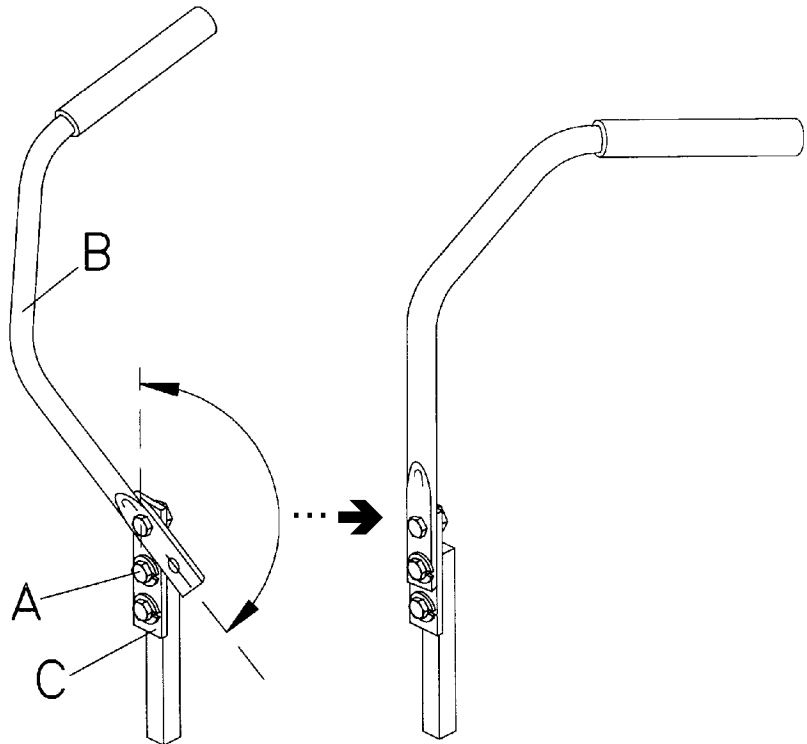
Adjust Counterbalance springs:

- a) Raise the cutterdeck all the way.
- b) Adjust the spring with nut **N** to a length of 13-1/4 inches (335 mm).
- c) The springs may be tightened or loosened from this point according to personal preference.



10. TRACTION LEVERS

- Remove bolt **A**.
- Rotate traction lever **B** into position and secure with bolt **A**. Repeat for the other lever.
- Tighten all fasteners.
- Sit on the machine. If the levers are too long, bracket **C** may be removed to make them shorter.



11. FINAL PREPARATIONS

- Check the engine and hydraulic oil levels. Top up with the correct oil if necessary. Use 10W30 motor oil for the engine. Use fresh, clean 15W40 or 20W50 motor oil or 15W50 synthetic motor oil for the hydraulic system.
- Remove the battery from the machine. Fill the battery to the bottom of the vent wells with acid and trickle charge for several hours. Replace the battery in the machine and make the connections, red to positive first, then black (ground) to negative.
- Read Operation and Safety Manual before starting.
- Run engine at full RPM for 5 minutes before engaging blades to allow the engine to be fully lubricated before load is applied.
- Check the hydrostat neutral adjustment. Neutral is set at the factory but may require readjustment if air trapped during the initial oil fill has worked out of the system. See adjustments section later in this manual.
- Do not use the machine without an approved grass collector, the grass discharge chute or mulching plates correctly fitted.

MAINTENANCE CHART

**ZT 200
Series**



MAINTENANCE OPERATION	Maintenance is an ongoing job. These intervals are maximum times between maintenance operations. Perform more often under severe conditions.						
	FIRST 5 HOURS	DAILY	EVERY 25 HOURS	EVERY 50 HOURS	EVERY 100 HOURS	EVERY 200 HOURS	EVERY 500 HOURS
ENGINE							
Consult the engine manual for additional information and instructions							
Check/Top up Oil Level		X					
Check for Leaks		X					
Clean Air Intake Screen		X					
Clean Air Cleaner Precleaner			X				
Clean Air Cleaner Element					X		
Clean Cooling Fins					X		
Change Oil and Filter	X	See engine manufacturer's manual					
Check/Replace Spark Plugs						X	
HYDRAULICS							
Check for Leaks		X					
Check/Top up Oil Level					X		
Change Oil and Filter	X						X
MACHINE							
Check Interlock Operation		X					
Check Tire Pressures		X					
Check/Top up Battery					X		
Lubricate All Points				X			



NOTES

[illegible]

NOTE: After first 5 hours of operation replace engine oil, hydraulic oil and both filters.



CHECK DAILY

Operator Presence Interlock System - Start Operation

For the engine to crank, the parking brake must be on, the PTO (blades) off and traction levers in the neutral lock position. Sit in the seat and check, one by one, if the engine will crank with the parking brake off, the blades on, and either traction lever out of neutral lock.

Operator Presence Interlock System - Run Operation

The operator must be in the seat for the engine to run with the parking brake off, the traction levers moved out of the neutral lock position, or the blades on. To check:

1. Start the engine and run at 1/2 throttle with the operator on the machine but raised off the seat.
2. One by one: move the parking brake to the "OFF" position, traction levers out of the neutral lock position (check each independently), and turn the blades on. Each check should kill the engine after 1/2 second. (A 1/2 second delay is built into the system to prevent engine cutout when traversing rough terrain.)

Repair machine before using if the Operator Presence Interlock System does not operate correctly in start or run. Contact your authorized Ransomes Bobcat dealer.

Hardware

Tighten any nuts and bolts found loose. Replace any broken or missing cotter pins. Repair any other problems before operating.

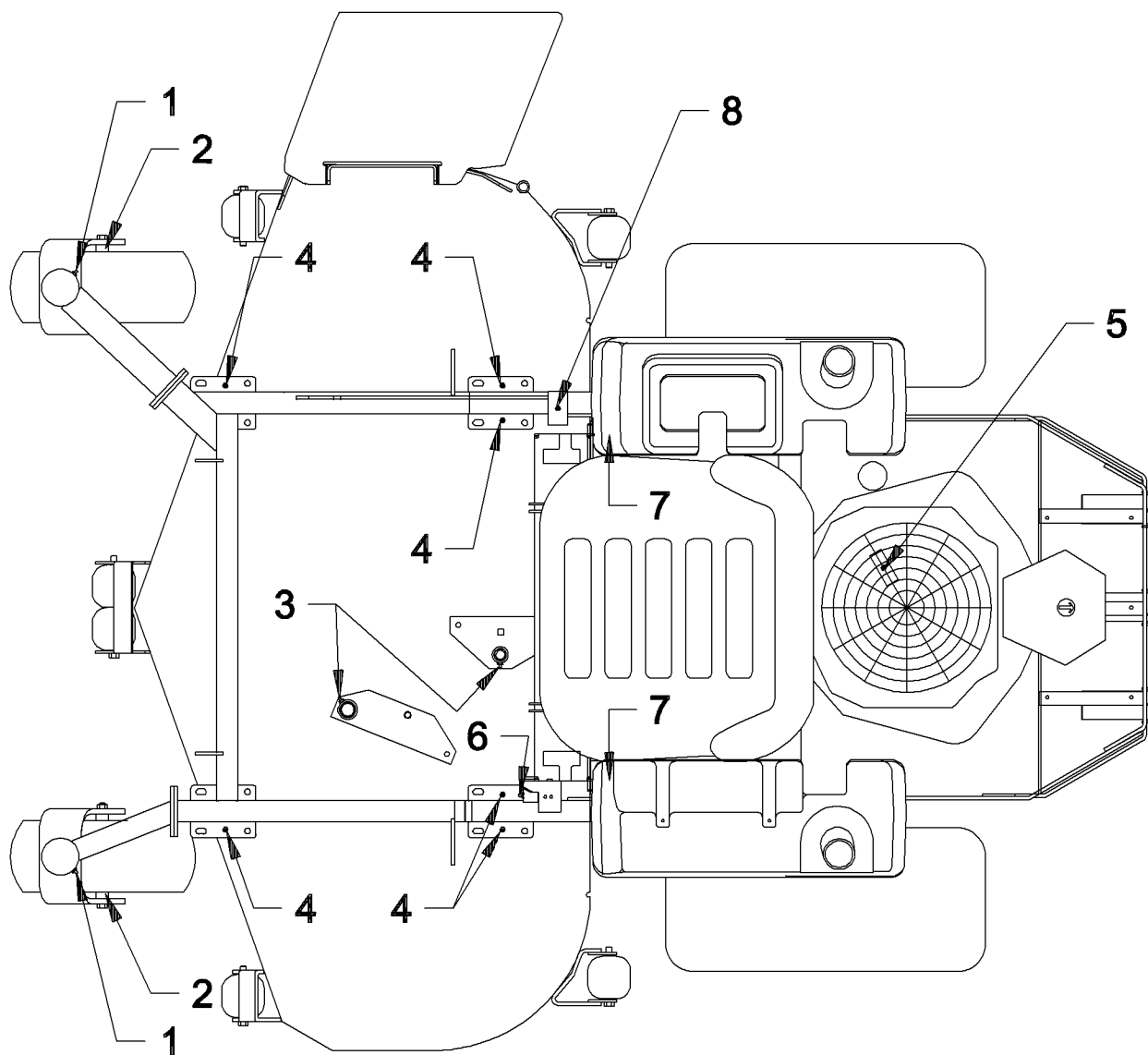
Tire pressure

Tires should be kept inflated at 14 lbs/in² (1.0 kg/cm²). Improper tire inflation can cause rapid tire wear and poor traction. Uneven inflation can cause uneven cutting.

Battery

Check the electrolyte level at each oil change as follows:

1. Stop engine and remove key.
2. Remove battery vent caps. The electrolyte level should reach the bottom of the vents.
3. Top up, if necessary, with distilled water.
4. Replace vent caps.



LUBRICATION

Every 50 hours of operation, lubricate the following points with grease:

1. Caster wheel pivots (2 points)
2. Caster wheel bearings (2 points)
3. Deck idler pivot bearings (2 points)
4. Deck lift pivots (6 points)
5. Hydro belt tensioner (1 point under engine deck)
6. Brake lever pivot (1 point)
7. Push arms (2 points located at rear of cutter deck under each fuel tank)
8. Deck lift rockshaft (1 point)

NOTE ON BLADE SPINDLES - The blade spindles on these machines use a superior sealed bearing that does not require relubrication.



HYDRAULIC SYSTEM

After the first 5 hours of operation, fluid level in the hydraulic system should be checked every 100 hours or when a leak has occurred. If the fluid is low, check all components for leaks.

To check, remove reservoir cap **M**. The fluid level should be at the bottom of the filler tube. If low, top up (do not overfill). Use one of the oils listed below:

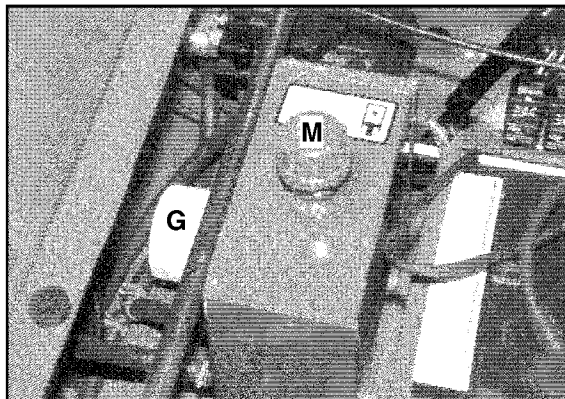
- SAE 15W40 motor oil
- SAE 20W50 motor oil
- 15W50 synthetic motor oil

AFTER FIRST FIVE (5) HOURS

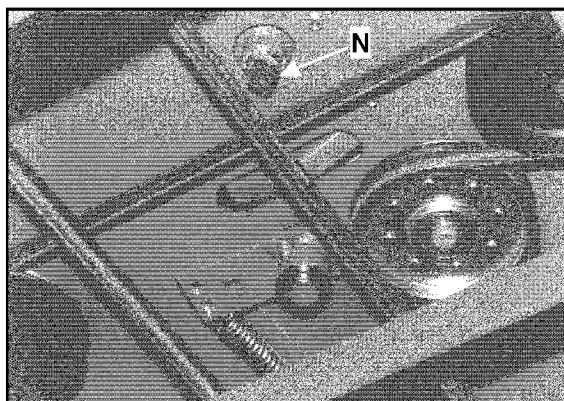
1. Remove plug **N** to drain hydraulic reservoir. Dispose of used oil in accordance with local requirements.
2. Clean and replace the plug.
3. Change hydraulic oil filter **G**.
4. Fill the reservoir with fresh oil to the bottom of the reservoir filler tube, using an oil from the list above. Do not overfill.

PERIODIC OIL CHANGES

Change the hydraulic fluid and hydraulic filter after each 500 hours of operation using the same procedure given above.



View from right side



View from below machine

NOTES:

Before servicing the hydraulic system, stop the engine, disconnect spark plug wires and disengage the PTO.

- After any hydraulic line is opened, plug or cap it promptly to reduce the risk of contamination.
- Do not use teflon tape on hydraulic pipe fittings. Use a liquid sealant that will dissolve into the system.
- Make sure all hydraulic connections are tight and hydraulic hoses and lines are in good condition before applying pressure to system.



WARNING

The machine's hydraulic system operates under high pressure. When checking for leaks, do not use your hands to attempt to find a leak. Instead, use cardboard or paper. Escaping hydraulic fluid can be under sufficient pressure to penetrate skin and cause serious injury. If hydraulic fluid is injected into the skin, it must be promptly removed by a doctor familiar with this form of injury or gangrene may result.



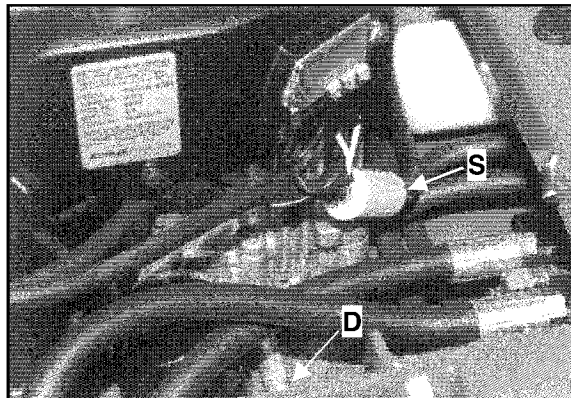
ENGINE OIL

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

AFTER FIRST FIVE (5) HOURS

While the engine is warm:

1. Remove drain cap **D** and drain the crankcase. Dispose of used oil in accordance with local requirements.
2. Clean and replace the cap.
3. Change oil filter.
4. Fill the crankcase with fresh oil to the full mark. Do not overfill. See engine manual for oil specifications.



DAILY

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

PERIODIC OIL CHANGES

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

FUEL FILTER

An inline fuel filter **S** is located at the right side of the engine. Inspect at every oil change to make sure it is clean and unobstructed. Replace if dirty.

SPARK PLUGS

Remove each plug and check condition.

- Good operating conditions are indicated if the plug has a light coating of grey or tan deposit.
- A white blistered coating indicates overheating. A black coating indicates an “over rich” fuel mixture. Both may be caused by a clogged air cleaner or improper carburetor adjustment.
- Do not sandblast, wire brush or otherwise attempt to repair a plug in poor condition. Best results are obtained with a new plug.
- Set plug gap as specified in engine manual..



DUAL ELEMENT AIR CLEANER

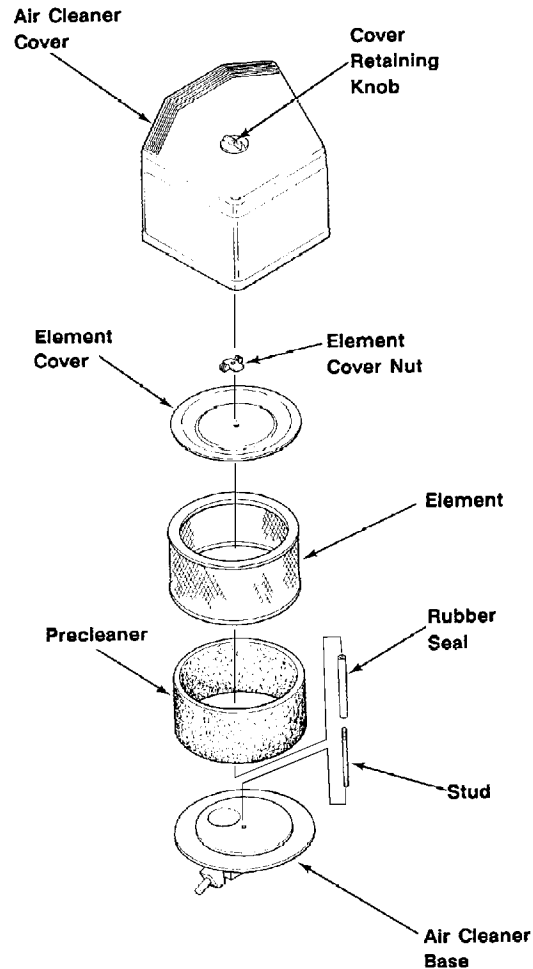
The air cleaner with this engine has a high density paper air cleaner cartridge surrounded by an oiled, foam precleaner element. Both should be inspected regularly and maintained.

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

1. Disassemble air cleaner cover.
2. Remove precleaner by sliding it off the paper cartridge.
3. Wash precleaner in kerosene or liquid detergent and water.
4. Wrap precleaner in cloth and squeeze to remove cleaner.
5. Saturate precleaner in engine oil. Squeeze to remove excess oil.
6. Re-install precleaner over paper cartridge. Reassemble air cleaner components and screw assembly down tight.

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

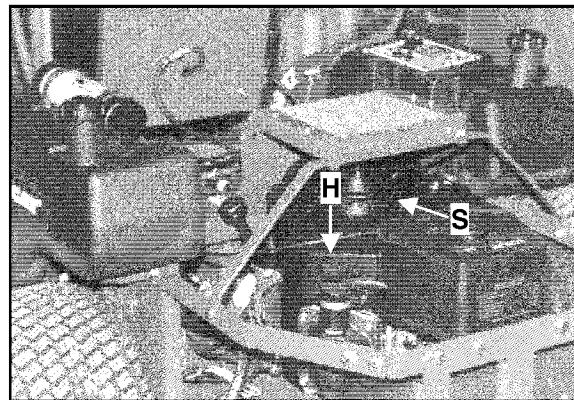
- Clean by tapping gently.
- Do not wash the cartridge or use compressed air which can cause damage.
- Replace when cartridge is dirty, bent or damaged.



ENGINE COOLING

Continued operation with a clogged cooling system will cause severe overheating and can result in engine damage.

- **Daily:** Clean air intake screen **S**.
- **Every 100 hours:** Clean cooling fins beneath blower housing **H** with reference to information in the engine manufacturer's manual.

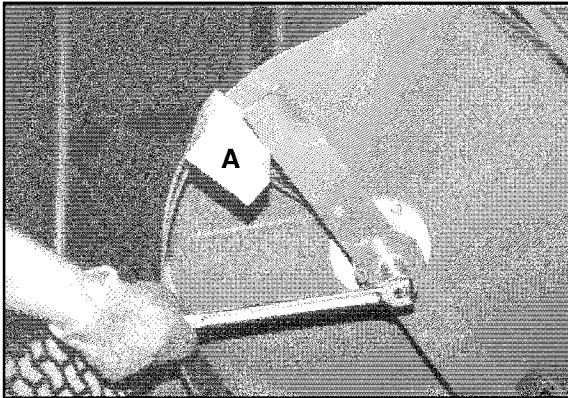




BLADE REMOVAL

Follow these instructions to prevent injury during blade removal:

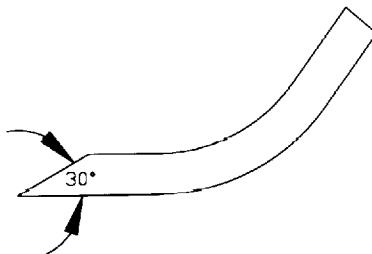
1. Loosen with a box wrench or a socket and long breaker bar. To gain additional leverage, slip a long pipe or thick-walled tube over breaker bar or wrench.
2. Insert wood block **A** as shown, with grain perpendicular to blade, to prevent blade from turning when loosening.
3. Wear thickly padded gloves. Keep hands clear of blade path. Blades may rotate when bolt releases.



SHARPENING

Blades may sharpened by filing or grinding.

- Inspect blades before sharpening.
- Replace bent or cracked blades.
- Replace blades when the lift portion has worn thin.
- Maintain cut angle at 30°.
- Do not overheat blades when sharpening.
- Always use Bob-Cat blades. Use of another manufacturer's blades may be dangerous.



BLADE BALANCE

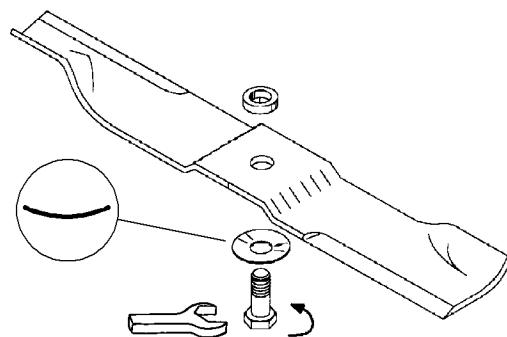
Blade balance must be maintained at 5/8 oz-in (19.4 g-cm) or less. Failure to keep blades balanced causes excess vibration, wear, and shortened life of most components of the machine.

To balance a blade:

1. Sharpen blade first.
2. Balance the blade at the center.
3. Attach a 1/8 oz (3.9 g) weight at a distance 5" (127 mm) from center on the light end. This should make the light end the heavy end:
 - If it does, the blade is balanced.
 - If does not, file or grind the heavy end until the addition of the weight makes the light end the heavy end.

BLADE INSTALLATION

1. Wear thickly padded gloves to prevent cuts from the sharp blade.
2. Insert the blade bolt, in order, through the conical washer (cup side toward the blade, as shown), the blade, and the blade spacer.
3. Install assembly on the blade spindle.
4. Torque the blade bolt to 70 ft-lbs.





HEIGHT OF CUT

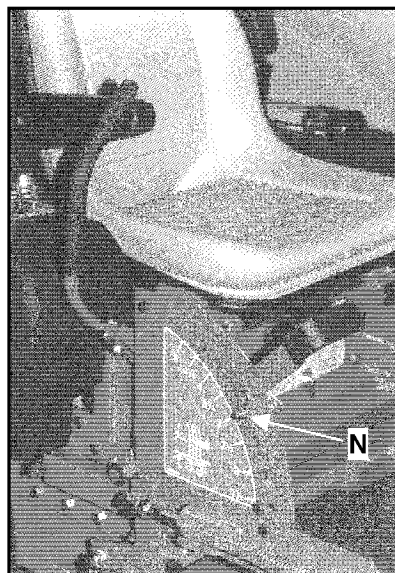
The height of cut is set by moving height of cut pin **N** to the hole designated for the height of cut desired.

To change the height of cut:

1. Lift the deck to the highest position.
2. Move pin **N** to the selected hole.
3. Lower the deck until the lift lever is stopped by the pin.

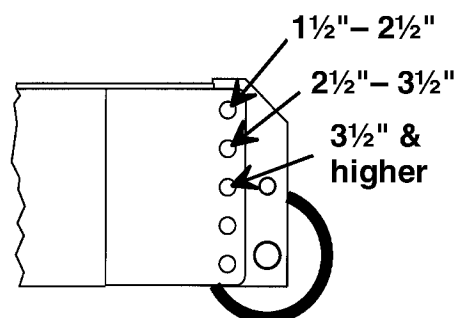
NOTES:

- Height of cut may vary due to the amount of tread on the tires, tire diameter or inflation pressure.
- For best results, adjust the rear deck rollers for the height of cut to be used (see below).



REAR DECK ROLLERS

The rear outside deck rollers are adjustable up and down to provide improved deck flotation and scalping protection at various heights of cut. They are not intended to ride continuously on the ground. Adjust no closer than 3/8" (10mm) to the ground.



Height of cut ranges for roller adjustment

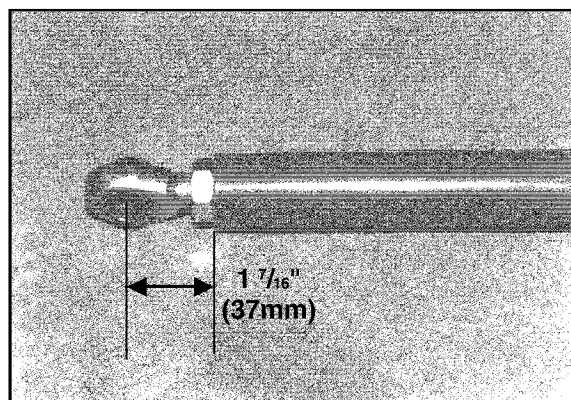


PUSH ARMS

The push arm rod ends must be adjusted evenly to:

- locate the deck perpendicular to the front-to-rear axis of the machine; and
- so the notch at the front of the engine deck clears the push arm bracket on the rear of the cutter-deck when the cutterdeck is raised to the transport position.

Adjust the rod end length to 1-7/16" (37 mm) to start. If any additional adjustment is required, adjust both rod ends so the same number of threads show.



BELTS

All belts are tensioned by spring loaded idlers. No adjustment is required.

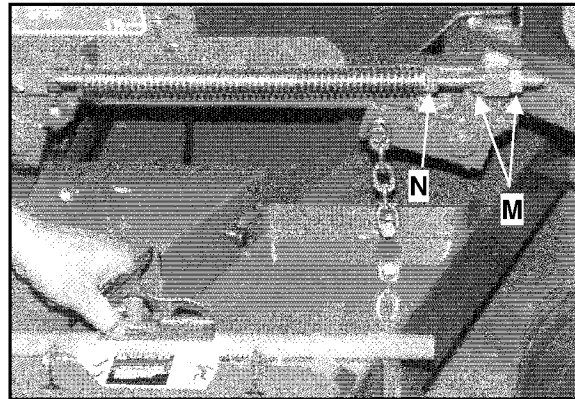


DECK LEVELING AND COUNTERBALANCE SPRINGS

- **Side Discharge:** The front of a side discharge deck should be slightly lower than the rear.
- **Mulching:** The front of a mulching deck should be slightly higher than the rear.

To level deck:

1. Park the machine on a smooth, level surface. The deck may be set to any cutting height.
2. Place a level on the deck, from front to rear. If the level is too short to reach all the way from front to rear, lay a straight edge on the deck first, then place the level on the straight edge.
3. Lay a 1/8" spacer beneath the front of the level for the side discharge and under the rear for mulching.
4. Adjust nuts **M** until the level's bubble is centered. Repeat for the other side of the deck.



Adjust Counterbalance springs:

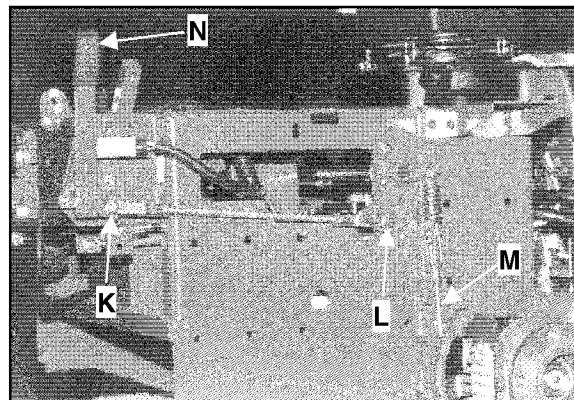
Raise the cutterdeck all the way. Adjust the spring with nut **N** to a length of 13-1/4 inches (335 mm). The springs may be tightened or loosened from this point according to personal preference.

PARKING BRAKE

Start with parking brake **N** in the OFF position.

1. Adjust the parking brake rod to provide a distance of 14-3/16" between pin **K** and pin **L**.
2. Disconnect one end of rods **M** (at brakes on both sides of the machine).
3. Move the parking brake lever to the ON position.
4. Adjust rods **M** on each brake to be 3/4" short of connecting to the spring when all the slack is taken out of the brake linkage and brake lever **N**.
5. Move the parking brake to the OFF position and reconnect rods **M**.

This adjustment will cause the brake springs to stretch 3/4" when the brake is in the ON position to provide the correct parking brake force without overloading the brake.



Parking brake assembly (fuel tank, tire and deck not shown for clarity - brake in ON position).

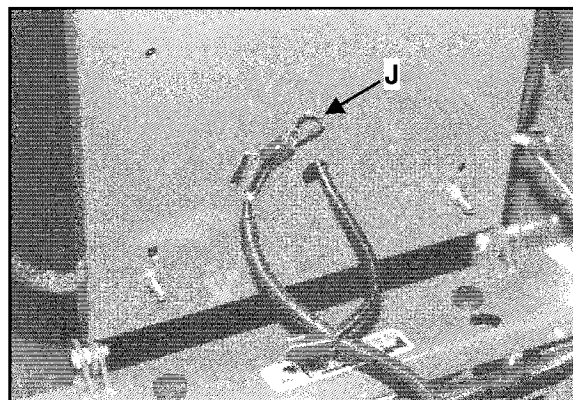


HYDROSTAT ADJUSTMENTS

A turnbuckle-style hydrostat neutral adjustment is provided.

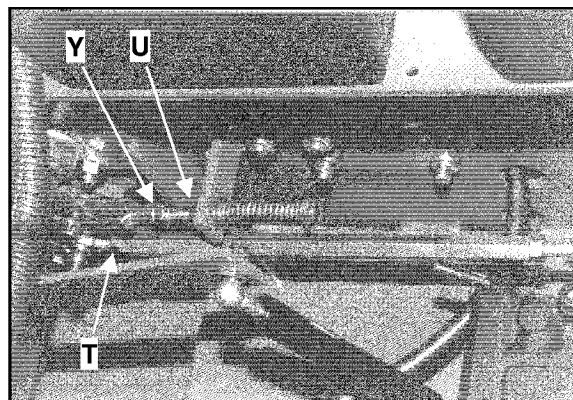
Neutral:

1. Support the machine with the rear wheels off the ground. Use jackstands or equivalent support. Do not rely only on mechanical or hydraulic jacks.
2. Move the traction levers out into the neutral lock position and raise the seat.
3. Disconnect the seat switch and temporarily connect the two terminals with jumper wire **J** as shown.
4. Start the engine and run at low speed.
5. Loosen jam nuts **T** at both ends of the turnbuckle.
6. Rotate the turnbuckle until the corresponding wheel stops turning. Lock the turnbuckle jam nuts. Run the engine up to high idle to check the adjustment. Readjust if necessary.
7. Repeat steps 5 and 6 for the opposite side.
8. Remove the jumper wire and reconnect the seat switch.



Reverse Return:

1. Move traction levers out to the neutral lock position and raise the seat.
2. Locknut **U** should be run on the bolt as far as it will go.
3. Loosen jam nut **Y**. Adjust the clevis yoke by turning the head of the bolt until the clevis pin just makes contact with the rear of the slot in the lever it connects with. Tighten jam nut **Y**.
4. Repeat steps 2 and 3 for the opposite side.



Right side adjustments
(wiring harness and seat rod removed for clarity)

NOTE: A slight creep in reverse is acceptable provided the wheel does not turn and the hydrostat pump does not whine when the parking brake is on.

BELT REPLACEMENT

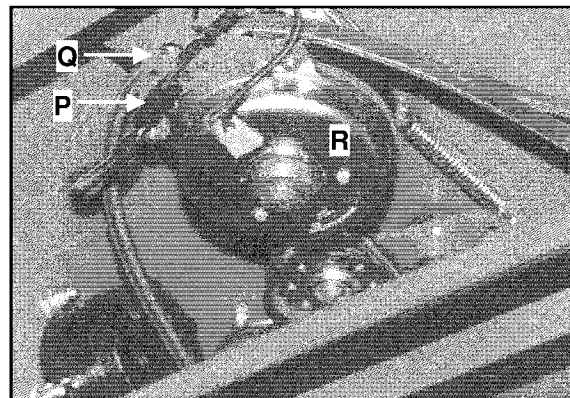
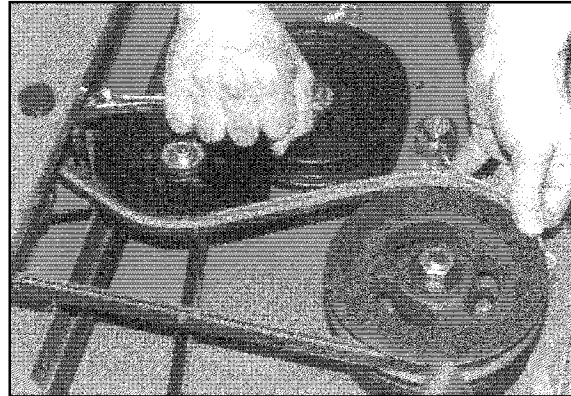
ZT 200
Series



Note: Always use Bob-Cat replacement belts, not general purpose belts. Bob-Cat belts are specially designed for use on commercial mowers and will normally last longer.

ENGINE-CUTTERDECK (PTO) BELT

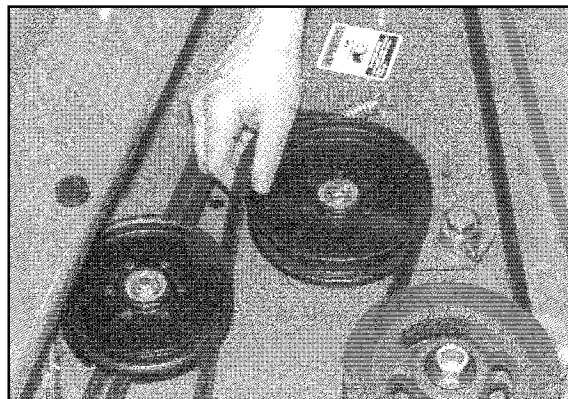
1. Set the cutterdeck in the lowest height-of-cut position.
2. Attach a short extension to a 3/8" drive ratchet. Insert the ratchet extension into the square hole in the idler arm and use the ratchet to rotate the idler assembly enough to remove the belt. Remove the belt from the idlers and center cutter deck pulley. Push belt back under engine deck.
3. Disconnect the electric clutch from the wire harness at plug **P**.
4. Remove the carriage bolts securing torque restraint **Q** to clutch **R**. Remove torque restraint.
5. Remove old belt from the machine.
6. Install a new belt by performing the these steps in reverse order.





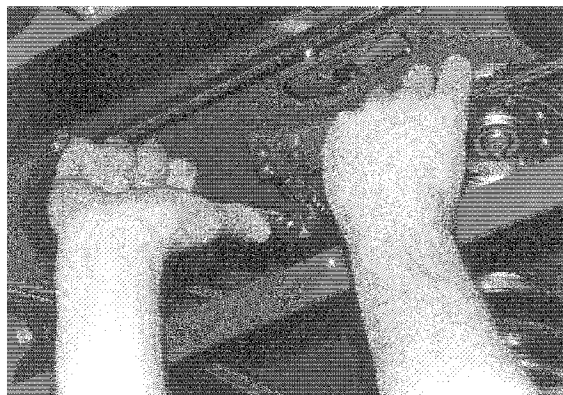
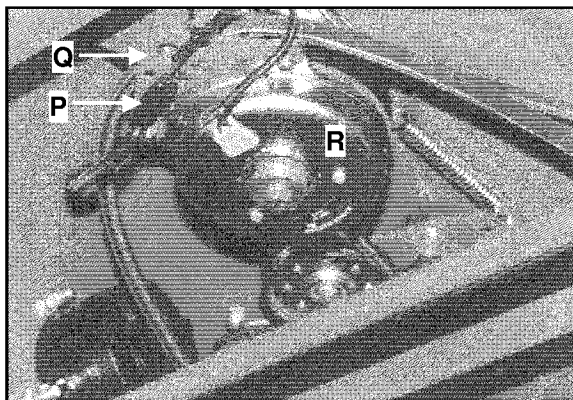
CUTTER DECK BELT

1. Set the cutterdeck in the lowest height-of-cut position.
2. Remove the engine-cutterdeck belt from the deck idlers and pulley (see engine-cutterdeck belt replacement). Push it aside but don't remove it from the machine.
3. Run the cutterdeck belt off the idler as shown. Remove it from the deck.
4. Install the new belt by performing these steps in reverse order. Take care to get the new belt on the correct side of the belt guides.
5. Re-install engine-cutterdeck belt (see engine-cutterdeck belt replacement).



PUMP DRIVE BELT

1. Remove engine-cutterdeck belt (see engine-cutterdeck belt replacement).
2. Attach an extension to a 3/8" drive ratchet. Insert the ratchet extension in the square hole of the pump drive idler arm. Use the ratchet handle to rotate it enough to remove the pump drive belt.
3. Install a new pump drive belt in the same manner as it was removed.
4. Re-install engine-cutterdeck belt (see engine-cutterdeck belt replacement).





POWER UNITS

ENGINES :

Construction: Aluminum block with cast-in cast iron sleeves. Aluminum head.

Configuration: 4-stroke, vertical shaft, V-twin cylinder, overhead valve, air-cooled.

DRIVE SYSTEM:

Full hydrostatic pump and wheel motor combination for independently controlled drive wheels.

Pump: Hydrogear BDP-10L 10cc variable displacement piston pump.

Motors: Parker/Ross 15 cu.in. displacement MB series. Direct drive 1-1/4" (31.8mm) diameter output shaft.

Turn Radius: 0"

OPERATOR PRESENCE INTERLOCK SYSTEM:

Start: The PTO (blades) must be off, traction levers in neutral lock, and parking brake on for engine to crank.

Run: Operator must be in seat to take parking brake off, to move traction levers out of the neutral lock position, or to turn the PTO (blades) on or the engine will kill. The parking brake must be off for the traction levers to move out of the neutral lock position.

The operator may leave the seat with the engine running if the parking brake is on, the PTO (blades) is off, and the traction levers are in the neutral lock position. A time delay eliminates annoying engine cutout from operation over rough terrain.

CONTROLS:

Throttle; choke; power takeoff (PTO) clutch switch; traction levers; parking brake lever; lift lever.

FUEL SYSTEM:

One tank on each side of operator, each with a shutoff (1/4 turn). Total capacity 9-1/2 gallons (40 liters). Fuel selector/shutoff switch on front panel (1/4 turn). Replaceable fuel filter.

MAXIMUM GROUND SPEEDS:

Forward: 8 mph (12.9 km/h)

Reverse: 4 mph (6.4 km/h)

WHEELS & TIRES:

Drive wheels: 23x10.50-12 4-ply turf tread tires

Casters: 13x5.00-6 4-ply rib tread tires

Pressure: 14 p.s.i. (1 kg/cm²)

BRAKING:

Hayes disc type parking brakes. Spring applied for overload protection.

SEAT:

High back, foam padded with standard armrests. Fore and aft adjusters, hinged for easy tilt-up access to pumps and battery. Prop rod to hold in up position. Internally mounted seat switch.

WEIGHT:

1025 lbs (465 kg) with 61" cutterdeck.



ZT 200 Series

SPECIFICATIONS

ENGINES			
MODEL NUMBER	942212	942213	942215
MANUFACTURER	Kohler	Kawasaki	Kohler
MODEL	CV22S	FH680V	CV25S
CYLINDERS	2	2	2
COOLING	Air	Air	Air
BORE/STROKE	3.03 X 2.64" (77 X 67 mm)	2.96 X 2.99" (75.2 X 76 mm)	3.27 X 2.64" (83 X 67 mm)
DISPLACEMENT	38.1 cu.in. (624 cc)	41.2 cu.in. (675 cc)	44 cu.in. (725 cc)
COMPRESSION	8.5:1	8.1:1	9:1
OUTPUT POWER	22 hp (16.4 kw) @ 3600 rpm	23 hp (17.2 kw) @ 3600 rpm	25 hp (18.4 kw) @ 3600 rpm
OUTPUT TORQUE	33 ft-lb (44.7 J) @ 2500 rpm	39.8 ft-lb (54.0 J) @ 2400 rpm	39.5 ft-lb (54 J) @ 2400 rpm
LUBRICATION	FULL PRESSURE	FULL PRESSURE	FULL PRESSURE
GOVERNOR	Mechanical	Mechanical	Mechanical
AIR CLEANER	Dual element	Dual element	Dual element
IGNITION SYSTEM	Electronic	Electronic	Electronic
CHARGING SYSTEM	15 amp, regulated	13 amp, regulated	15 amp, regulated
BATTERY	BCI group U1	BCI group u1	BCI group U1
FUSES	Two, 20 amp blade	Two, 20 amp blade	Two, 20 amp blade
FUEL CONSUMPTION @ MAX LOAD/ SPEED	2.0 gal./hr (7.6 l/hr)	2.1 gal./hr (8 l/hr)	2.1 gal./hr (8 l/hr)

FLUID CAPACITIES	QUANTITY	TYPE	FILTER
FUEL	9.5 gal. (40 l)	REGULAR, UNLEADED GASOLINE	REPLACEABLE
ENGINE OIL	2.1 qts (2 l) KOHLER 2.0 qts (1.9 l) KAWASAKI	SAE 10W30	SPIN-ON REPLACEABLE
HYDRAULIC OIL	2.6 qts (2.46 l)	SAE 15W40 MOTOR OIL SAE 20W50 MOTOR OIL 15W50 SYNTHETIC	10 MICRON SPIN-ON REPLACEABLE

SPECIFICATIONS

**ZT 200
Series**



CUTTERDECKS				
MODEL NUMBER	955202	955217	956017	956102
TYPE	Side Discharge	Mulching	Mulching	Side Discharge
CUTTING WIDTH	52.5" (133 cm)	52.5" (133 cm)	60" (152 cm)	61" (155 cm)
WIDTH	N/A	56.25" (143 cm)	61.25" (156 cm)	N/A
WIDTH (CHUTE UP)	56.25" (143 cm)	N/A	N/A	62" (157 cm)
WIDTH (CHUTE DOWN)	64.5" (164 cm)	N/A	N/A	73" (185 cm)
CUTTING UNIT	One high lift blade (low lift optional)	Dual blades: one low lift to cut, one flat to recut	Dual blades: one low lift to cut, one flat to recut	One high lift blade (low lift optional)
NUMBER OF CUTTING UNITS	3	3	3	3
BLADE LENGTH	18" (46 cm)	18" (46 cm)	22" (56 cm)	21" (53 cm)
BLADE THICKNESS	.205" (5.2 mm)	.205" (5.2 mm) and .135" (3.42 mm)	0.25" (6.35 mm) and .135" (3.42 mm)	0.25" (6.35 mm)
TIP SPEED	15694 ft/min 4784 m/min	15694 ft/min 4784 m/min	15736 ft/min 4796 m/min	18310 ft/min 5580 m/min
DAILY PRODUCTION (8 hr @ 6 mph)	Up to 25.5 acres (10.3 ha)	Up to 25.5 acres (10.3 ha)	Up to 29 acres (11.7 ha)	Up to 29.5 acres (11.9 ha)

CONSTRUCTION:

Fabricated and welded 10-gauge, double-layer steel top with 7-gauge side skirts. Full floating design.

CUTTER DECK DRIVE SYSTEM:

Electric clutch/brake drives belt directly from engine to center spindle of cutterdeck. No twists in drive belt.

SPINDLES:

Top mounted and maintenance free, with 1" shaft in precision machined, ductile iron housing

ANTI-SCALP ROLLERS:

Total of six - one at each corner, one in the front and one at rear center.

CUTTING HEIGHT & PRODUCTION:

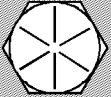
Height: Spring assisted lift lever allows easy setting of cut heights from 1-1/2" to 4-1/2" in 1/2" increments. "Set and forget" feature allows height of cut to be set and returned to without searching from operator position.



ZT 200 Series

FASTENER TORQUES

AMERICAN NATIONAL STANDARD FASTENERS

SIZE	UNITS	 GRADE 5	 GRADE 8
6-32	in-lbs (Nm)	20 (2.3)	—
8-32	in-lbs (Nm)	24 (2.7)	30 (3.4)
10-24	in-lbs (Nm)	35 (4.0)	45 (5.1)
10-32	in-lbs (Nm)	40 (4.5)	50 (5.7)
12-24	in-lbs (Nm)	50 (5.7)	65 (7.3)
1/4-20	in-lbs (Nm)	95 (10.7)	125 (14.1)
1/4-28	in-lbs (Nm)	95 (10.7)	150 (17.0)
5/16-18	in-lbs (Nm)	200 (22.6)	270 (30.5)
5/16-24	in-lbs (Nm)	240 (27.1)	300 (33.9)
3/8-16	ft-lbs (Nm)	30 (40.7)	40 (54.2)
3/8-24	ft-lbs (Nm)	35 (47.5)	45 (61.0)
7/16-14	ft-lbs (Nm)	50 (67.8)	65 (88.1)
7/16-20	ft-lbs (Nm)	55 (74.6)	70 (94.9)
1/2-13	ft-lbs (Nm)	75 (101.7)	100 (135.6)
1/2-20	ft-lbs (Nm)	85 (115.3)	110 (149.2)
9/16-12	ft-lbs (Nm)	105 (142.4)	135 (183.1)
9/16-18	ft-lbs (Nm)	115 (155.9)	150 (203.4)
5/8-11	ft-lbs (Nm)	150 (203.4)	195 (264.4)
5/8-18	ft-lbs (Nm)	160 (217.0)	210 (284.8)
3/4-10	ft-lbs (Nm)	170 (230.5)	220 (298.3)
3/4-16	ft-lbs (Nm)	175 (237.3)	225 (305.1)
7/8-14	ft-lbs (Nm)	300 (406.8)	400 (542.4)

RECOMMENDED TORQUES ($\pm 10\%$) FOR THESE GRADES OF FASTENERS. USE THESE SPECIFICATIONS UNLESS OTHERWISE NOTED.

TEXTRON TURF CARE AND SPECIALTY PRODUCTS USES GRADE 5 BOLTS AS STANDARD (MINIMUM COMMERCIAL QUALITY). DO NOT USE LOWER QUALITY BOLTS UNLESS OTHERWISE NOTED.

SPECIFIC TORQUES

BLADE BOLT TORQUE: 70 FT-LBS (95 Nm)
 WHEEL HUB NUTS: 225 FT-LBS (237 Nm)
 ENGINE CRANKSHAFT BOLT: 50 FT-LBS (68 Nm)

METRIC FASTENERS

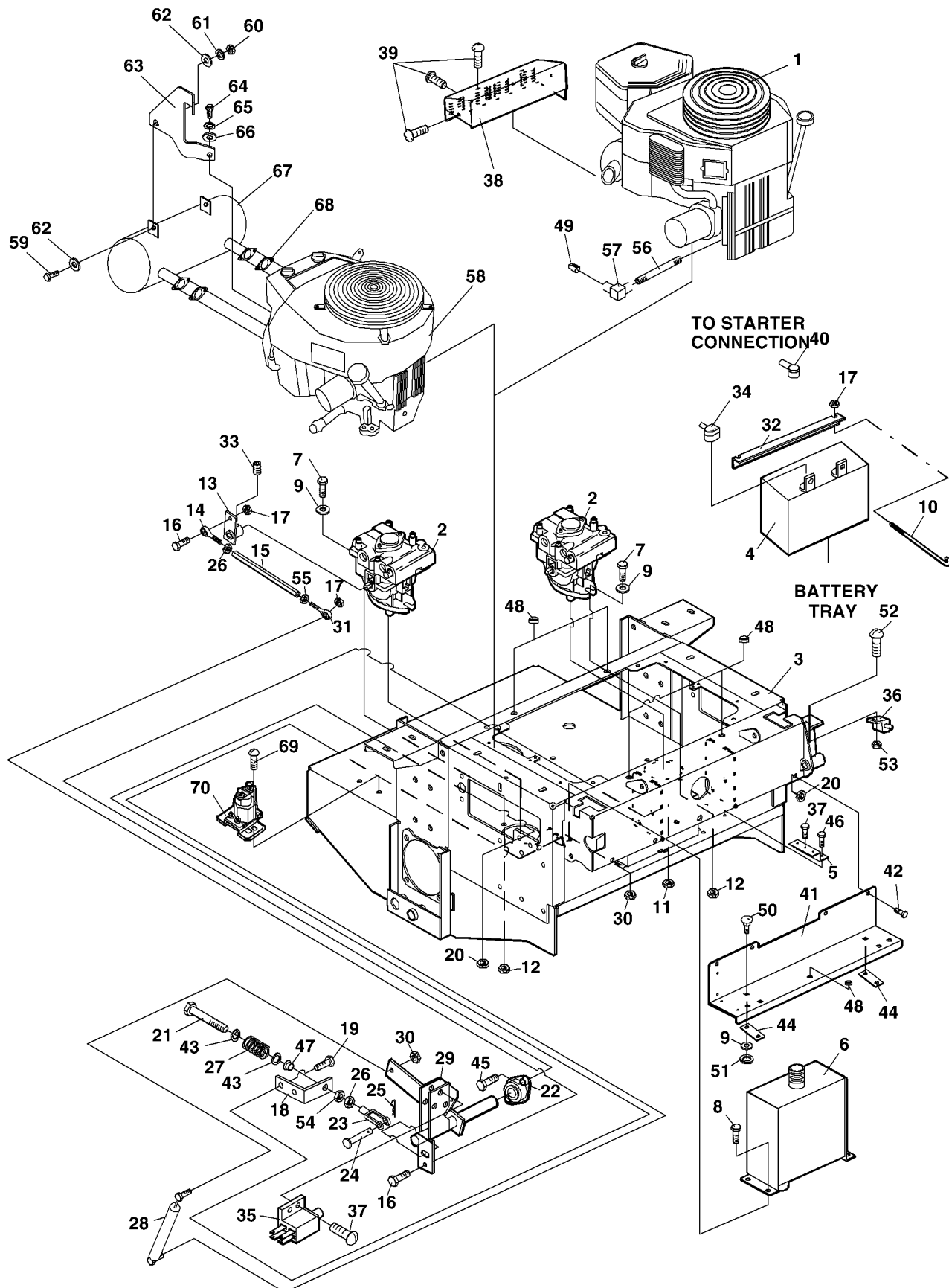
SIZE	UNITS	 4.8	 5.8	 8.8	 10.9	 12.9	Noncritical Fasteners into Aluminum
M4	Nm (in-lb)	1.2 (11)	1.7 (15)	2.9 (26)	4.1 (36)	5.0 (44)	2.0 (18)
M5	Nm (in-lb)	2.5 (22)	3.2 (28)	5.8 (51)	8.1 (72)	9.7 (86)	4.0 (35)
M6	Nm (in-lb)	4.3 (38)	5.7 (50)	9.9 (88)	14.0 (124)	16.5 (146)	6.8 (60)
M8	Nm (in-lb)	10.5 (93)	13.6 (120)	24.4 (216)	33.9 (300)	40.7 (360)	17.0 (150)
M10	Nm (ft-lb)	21.7 (16)	27.1 (20)	47.5 (35)	66.4 (49)	81.4 (60)	33.9 (25)
M12	Nm (ft-lb)	36.6 (27)	47.5 (35)	82.7 (61)	116.6 (86)	139.7 (103)	61.0 (45)
M14	Nm (ft-lb)	58.3 (43)	76.4 (55)	131.5 (97)	184.4 (136)	219.7 (162)	94.9 (70)

UPPER ENGINE DECK ASSY

ZT 200
Series



FIGURE 1





ZT 200 Series

2187166

UPPER ENGINE DECK ASSY

FIGURE 1

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1-1	2188171	ENGINE-KOHLERCV22S	1	1-47	38304-02	S BRG FLGD PLASTIC	2
	* 2188125	ENGINE-KOHLERCV25S	1	1-48	810149	BUMPER-RUBBER	7
	(SERVICE MANUAL KOHLER #TP-2475-A)			1-49	69051-01	PLUG-PIPE 3/8"	1
1-2	38345	PUMP-BDP 10L-119	2	1-50	64243-02	BLT-CRGM10-1.5X20	4
	(SEE PAGES 24-25 FOR BREAKDOWN)			1-51	64237-03	LOCKNUT NYLONM10-1.5	4
1-3	2186148	S ENGINE DECK WLABS	1	1-52	64152-46	SCR-SLTHH #10-24	2
1-4	108055	BATTERY	1	1-53	64025-15	NUT-HEX #10-24KEPS	2
1-5	2182432.7	BRACKET-RELAY	1	1-54	64229-08	LOCKNUT-NYLON5/16-24	2
1-6	2186211	S HYD RESERVOIR W/LAB	1	1-55	64025-33	NUT-5/16-24 LH	2
1-7	A110406	BLT-METRIC M10-1.5 X 30	4	1-56	48024-9A	NIPPLE-PIPE 3/8X6	1
1-8	64197-016	BLT-TR 3/8-16X1 1/2	4	1-57	2690033-01	ELBOW-3/8 PIPE, 90 DEG	1
1-9	64251-004	WSHR-M10	8	1-58	2188205	ENGINE-KAWASAKI FHV 23	1
1-10	831861	BOLT-BENT BATT. HOOK	2		(ITEMS 59-70 FOR USE WITH KAWASAKI ENGINE ONLY)		
1-11	64141-4	NUT-WLF 3/8-16	8	1-59	64205-001	BLT-METRICM8-1.25X20	2
1-12	64237-03	LOCKNUT-NYLONM10-1.5	8	1-60	64207-01	NUT-HEX,M8-1.25	2
1-13	2186171.7	WLDMT-PUMP ARM	2	1-61	64006-02	LOCKWSHR-HELICAL 5/16	2
1-14	38369-02	ROD ENDBALL JOINT	2	1-62	64163-55	WSHR .328X.75X14 GA	4
1-15	2188140	TURNBUCKLE	2	1-63	2182549.7	BRKT-MUFFLER RH	1
1-16	64205-003	BLT-MET M8-1.25 X 30	4		*2182548.7	BRKT-MUFFLER LH	1
1-17	64229-02	LOCKNUT-NYLON5/16-18	4	1-64	A1102966	BOLT-M6-1.00X16	4
1-18	2182405.7	BRKT-REVERSE RETURN	2	1-65	64006-01	LOCKWSHR-HELICAL 1/4	4
1-19	A1104057	BLT-M10-1.50 X 25	4	1-66	64163-03	WSHR-.256IDX.62ODX18GA	4
1-20	64246-03	WIZ NUT-MET. M10-1.5	8	1-67	2188226	ASSY-MUFFLER	1
1-21	64123-205	BLT-HEX 5/16-24 X 4	2	1-68	11060-9016	GASKET-MUFFLER	2
1-22	2188145	BEARING-SELF ALIGNED	4		(OBTAIN THROUGH KAWASAKI DEALER)		
1-23	38020N	CLEVIS-YOKE PLATE	2	1-69	64152-23	BLT-THDFRM 1/4-20 X 3/8	2
1-24	64188-02	PIN-CLEVIS 5/16 X 1	2	1-70	38665	SOLENOID	1
1-25	64168-2	HAIRPIN COTTER	2				
1-26	64025-03	NUT-HEX 5/16-24	2				
1-27	2188139	SPRING-COMPRESSION	2				
1-28	2188152	DAMPENER	2				
1-29	2186168.7	WLDMT-TRACTNCTRL RH	1				
	* 2186167.7	WLDMT-TRACTNCTRL LH	1				
1-30	64237-05	LOCKNUT-NYLONM8-1.25	4				
1-31	38369-01	ROD ENDBALL JOINT	2				
1-32	2182427.7	HOLD DOWN, BATTERY	1				
1-33	64192-03	SETSCR SQHD 5/16-24X5/8	2				
1-34	112386	BOOT, BAT TERM POS	1				
1-35	108208	SWITCH, DBL POLE	2				
1-36	2188156	SWITCH NONO DBL POLE	1				
1-37	64197-015	BLT-TDFM#10-32X1/2 TRX	6				
1-38	2122289	GUARD-MUFFLER	1				
	(NOT USED W/ 25 HP ENGINE)						
1-39	64152-43	SCREW-#8-18X.50 STAP	6				
1-40	2308095	COVER-TERMINAL	1				
1-41	2182404.7	PLATE, KICK	1				
1-42	64205-007	BLT-M10-1.5x20	4				
1-43	64163-55	WASHER .328X.75X14 GA	4				
1-44	2188146	STRIP, WEAR	2				
1-45	64123-15	BLT-HEX 3/8-16X3/4	8				
1-46	64152-23	SCREW 1/4-20X3/8	2				

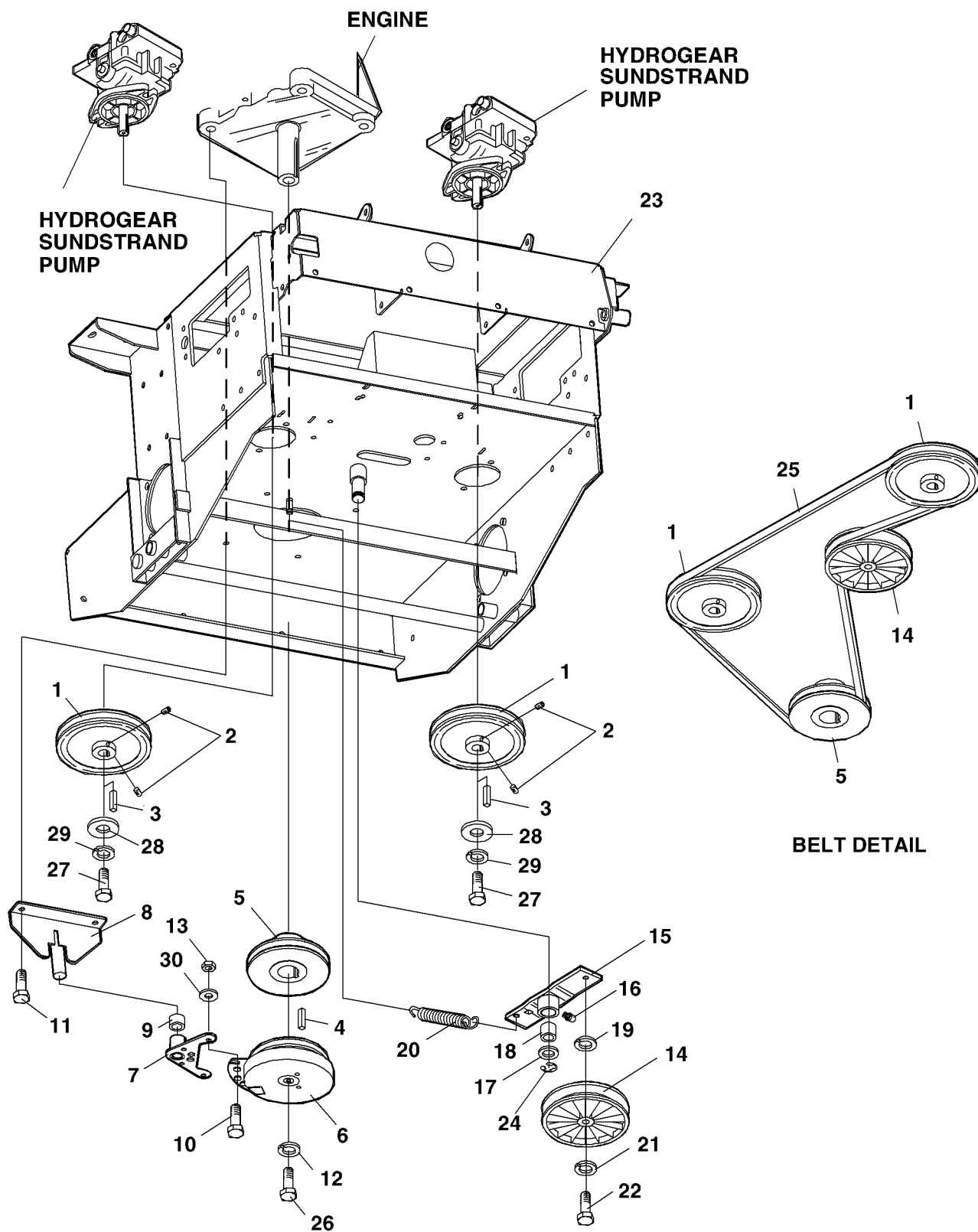
* NOT ILLUSTRATED

LOWER ENGINE DECK ASSY/CLUTCH

ZT 200
Series



FIGURE 2



TORQUE TO 50 FT/LBS +/-10%



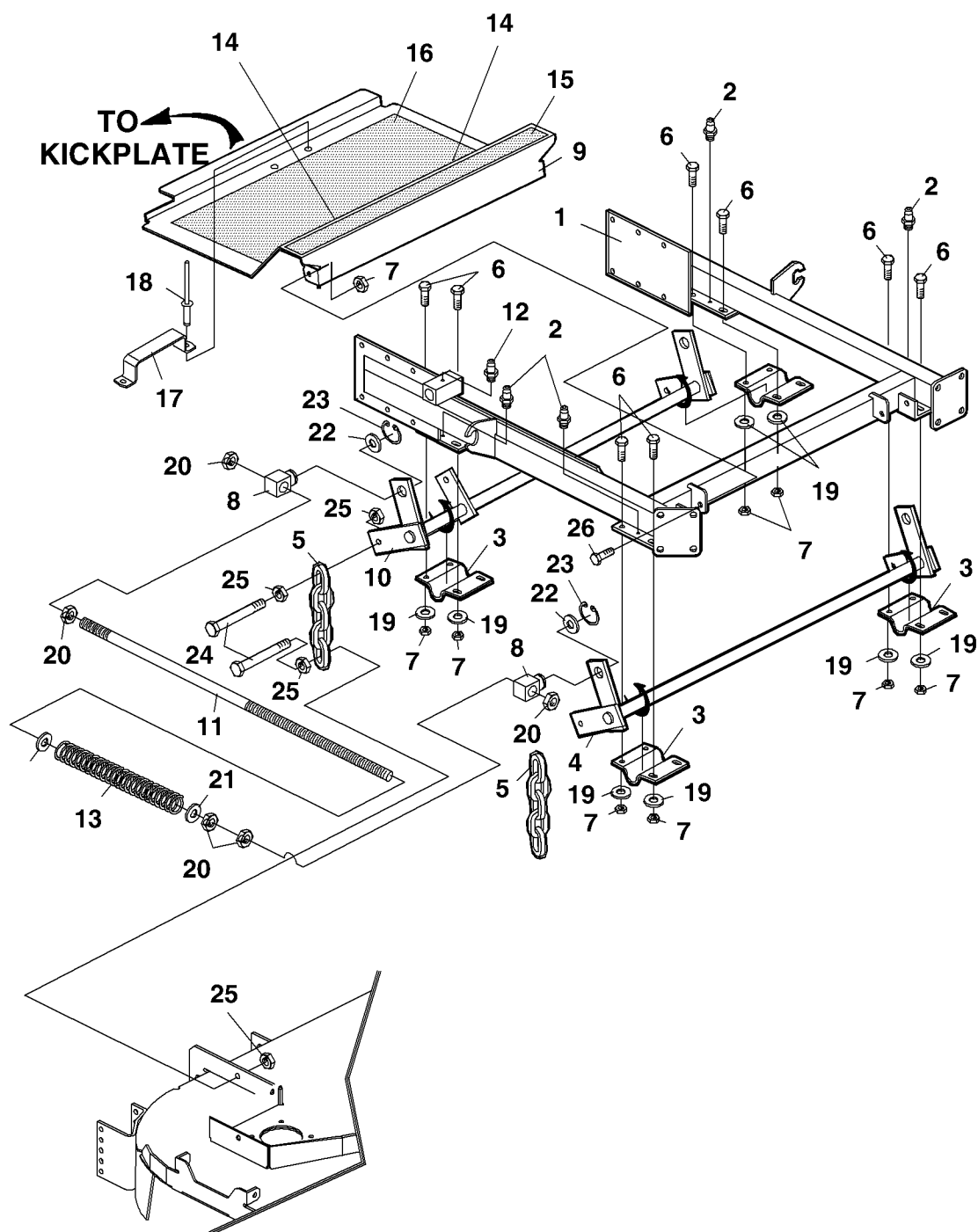
**ZT 200
Series**

2187021

LOWER ENGINE DECK ASSY/CLUTCH

FIGURE 2

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
2-1	2308053	PUMP-PULLEY	2				
2-2	64044-1	SCREW-SET 1/4-20X1/4	4				
2-3	64238-03	KEY-MTRC 5mm SQX28mm	2				
2-4	64164-10	1/4X1/4X1 1/4 SQ END KEY	1				
2-5	2188188	PULLEY-4.25 ENGINE	1				
2-6	2188151	CLUTCH-ELECTRIC	1				
2-7	2186212.7	WLDMT-CLUTCHSTOP	1				
2-8	2186147.7	WLDMT-BRKT CLUTCH	1				
2-9	38304-03	BEARING-PLASTIC	1				
2-10	64205-001	BLT-METRICM8-1.25X20	2				
2-11	64197-005	BLT-TR 3/8-16X1 1/4	4				
2-12	64006-06	LCKWSHR-HELICAL 7/16	1				
2-13	64237-05	LOCKNUT-NYLONM8-1.25	2				
2-14	2308000	PULLEY-IDLER 4.00 E.O.D.	1				
2-15	2306082	WLDMT-IDLER ARM	1				
2-16	85010N	STRAIGHT ZERKFITTING	1				
2-17	64163-65	WASHER 18 GA	1				
2-18	65103A	BEARING-BUSHING	1				
2-19	33148-01	SPACER	1				
2-20	38219	SPRING-TENSION	1				
2-21	64006-03	LCKWSHR-HELICAL 3/8	1				
2-22	64123-21	BLT-HEX 3/8-24X1 1/4	1				
2-23	2186148	S ENGINE DECK WLABS	1				
2-24	64221-04	E-RING .875	1				
2-25	2188128	BELT-TRACTIONDRIVE	1				
2-26	64123-155	BLT-HEX 7/16-20-3	1				
2-27	64205-013	BLT-METRIC M6-1X12	2				
2-28	64163-34	WSHR.256/.267X1X11GA	2				
2-29	64006-01	LOCKWSHR-HELICAL 1/4	2				
2-30	64251-003	WASHER-M8	2				





ZT 200 Series

2187155

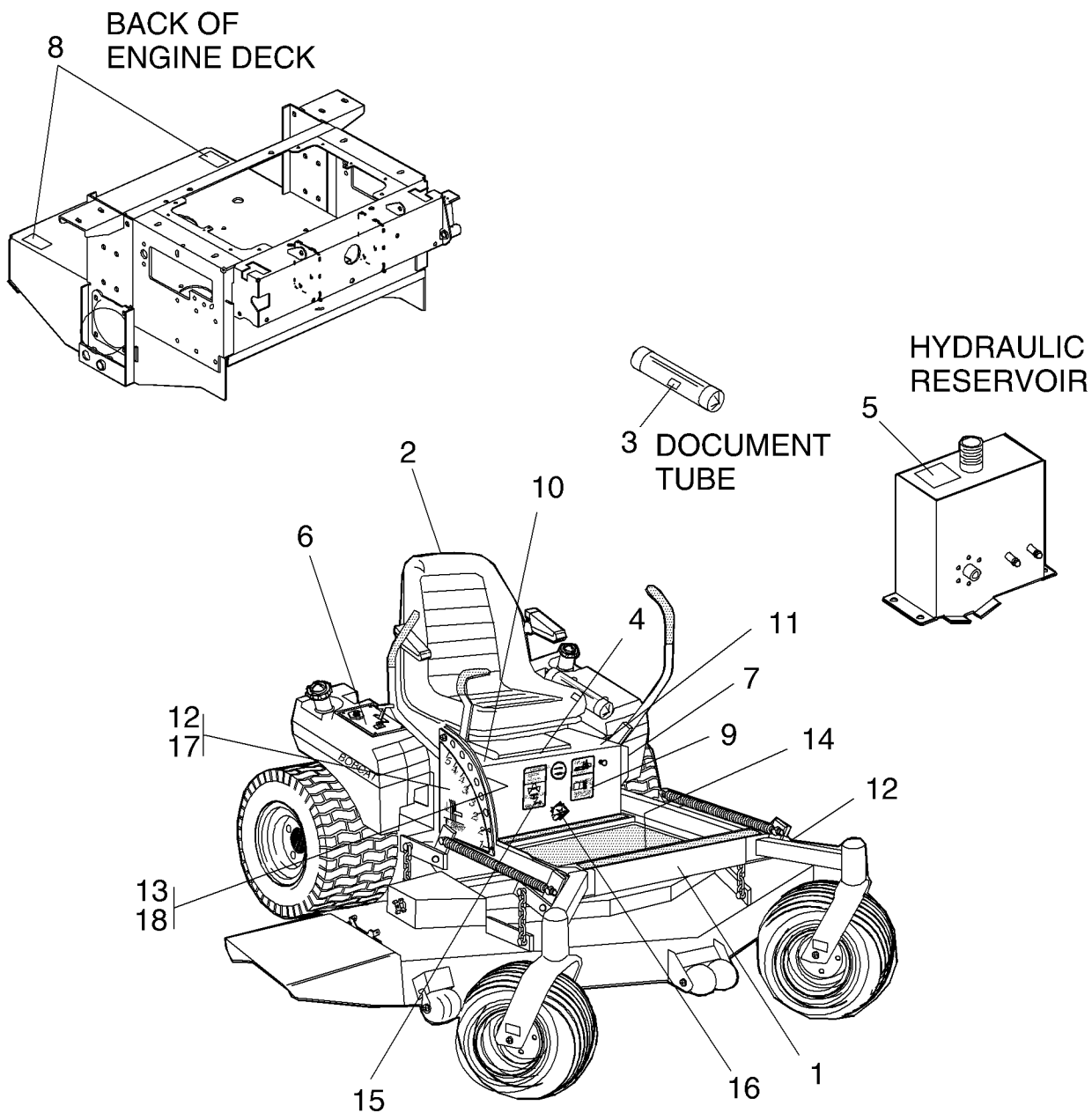
CRADLE ASSEMBLY

FIGURE 3

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
3-1	2186172.7	WLDMT-CRADLE	1				
3-2	85051	ZERK	6				
3-3	2182356.7	BRKT-SHAFT HANGER	4				
3-4	2186120.7	WLDMT-DECK HANGER	1				
3-5	2188127	CHAIN-6.355 LINKS	4				
3-6	A1104057	BLT-M10-1.5X25	15				
3-7	64237-03	LCKNT-NYLN M10-1.5	17				
3-8	2188136	SWIVEL	4				
3-9	2186213	S FOOT PLATE	1				
	(INCLUDES ITEMS 14-17, & 18)						
3-10	2186130.7	WLDMT-RRDCK HNGR	1				
3-11	2183052	ROD-LIFT	2				
3-12	85010N	ZERK STRAIGHT FTTG	9				
3-13	2188133	SPRNG-COMPRESSION	2				
3-14	2188165	MAT-ANGLE	2				
3-15	2188164	MAT-UPPER	1				
3-16	2188228	MAT-PLATFORM	1				
3-17	32791.7	HANDLE W/SLOT	1				
3-18	64215-07	RIVET-POPIFI #84	2				
3-19	64251-004	WASHER-M10	15				
3-20	64025-21	NUT-HEX 5/8-11	10				
3-21	64163-16	41/64X12 GA WSHR	4				
3-22	64163-65	WHSR .890X18 GA	4				
3-23	64221-04	E-RING .875	4				
3-24	64205-029	BLT-MET M12-1.75X50	8				
3-25	64246-04	NUT-WHIZ M12-1.75	16				
3-26	64205-007	BLT-MET. M10-1.5X20	2				



FIGURE 4





ZT 200 Series

2187167

DECALS

FIGURE 4

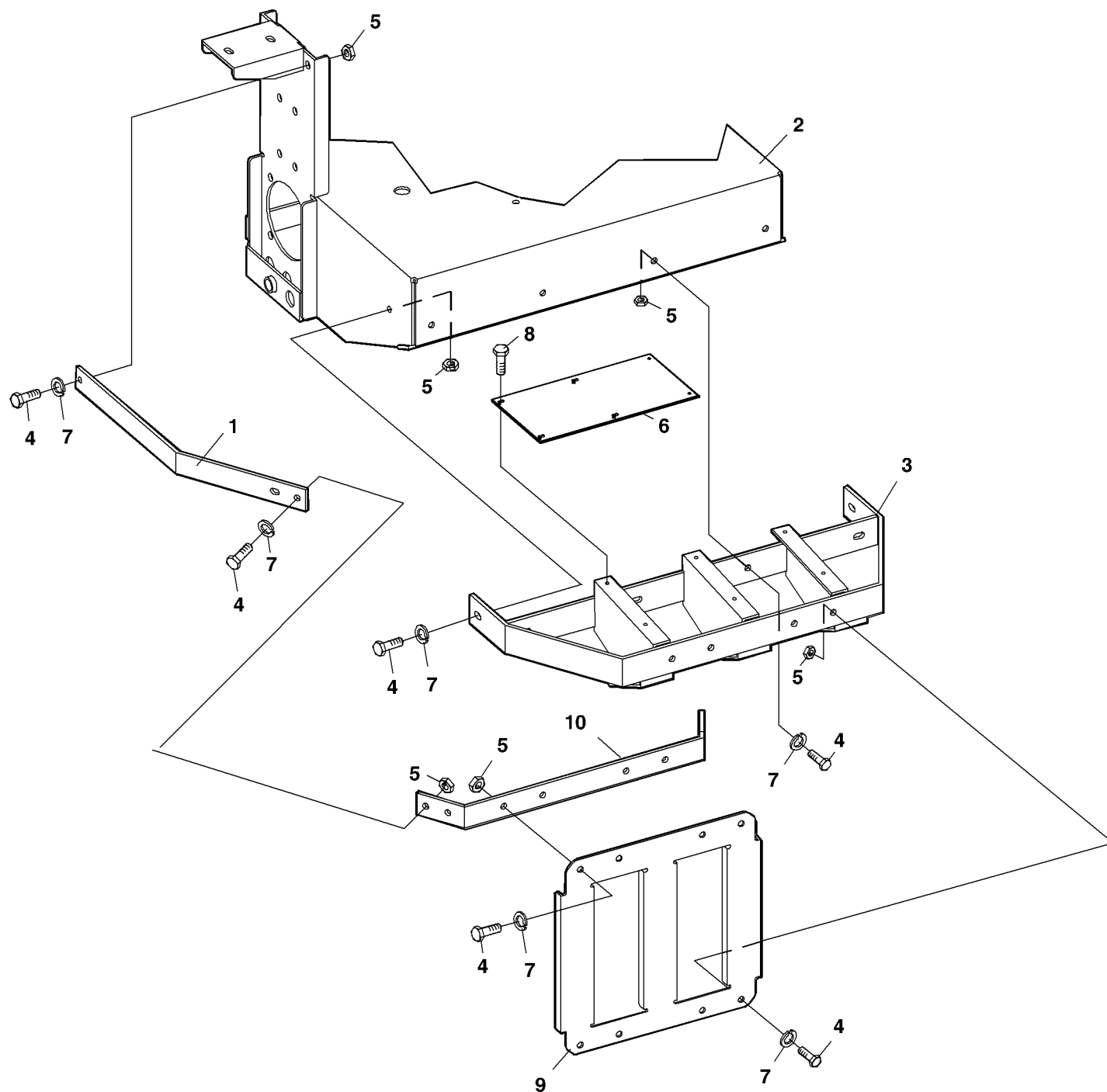
ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
4-1	2000785	LABEL-RED/WHITE STRIPE	1				
4-2	2000782	LABEL-BOBCAT TEXTRON	1				
4-3	2000735	LABEL-OPERMAN	1				
4-4	2000590	LABEL, WARN BATTERY	1				
4-5	2000691	LABEL - HYDR OIL FILL	1				
4-6	2000784	LABEL-CONTROL PANEL	1				
4-7	2000693	LABEL - PARK BRAKE	1				
4-8	2000698	LABEL(DBL) - FUEL/LEAKS	2				
4-9	2000705	LABEL-TIRES	1				
4-10	2000700	LABEL - RH TRACTION	1				
4-11	2000701	LABEL - LH TRACTION	1				
4-12	2000683	LABEL - ZT HT CUT	1				
4-13	2000694	LABEL - INSIDE HOC	1				
(ITEMS 12 & 13 FOR OLD STYLE DECK LIFT)							
4-14	2000695	LABEL - WARN/USING	1				
4-15	2000706	LABEL-FUEL	1				
4-16	2000783	LABEL-BOBCAT DIAMOND	1				
4-17	2720742	LABEL-HT CUT OUTER	1				
4-18	2720743	LABEL-HT CUT INNER	1				
(ITEMS 17 & 18 FOR NEW STYLE DECK LIFT)							

BUMPER

ZT 200
Series



FIGURE 5





ZT 200 Series

2187024

BUMPER

FIGURE 5

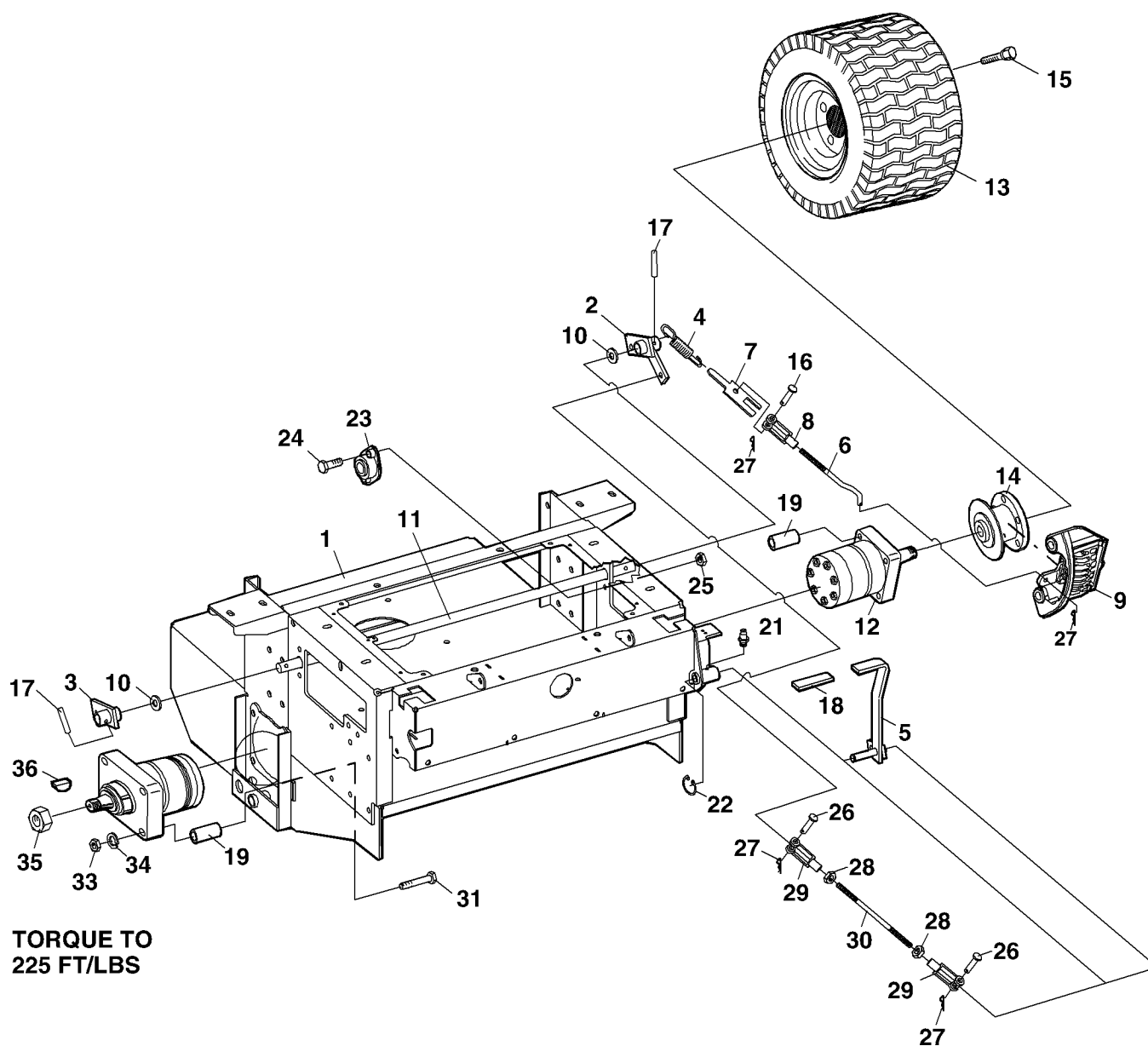
ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
5-1	2182435.7	ARM-BUMPER	2				
5-2	2186148	S ENG DECK W/LABS	1				
5-3	2186144.7	WLDMT-BUMPER	1				
5-4	A1104057	BLT-METRICM10-1.5X25	20				
5-5	64237-03	LOCKNUT-NYLONM10-1.5	20				
5-6	2182418.7	HEATSHIELD	1				
5-7	64251-004	WASHER-MET.M10	18				
5-8	64152-23	1/4-20X3/8LG SP SCR	6				
5-9	2182442.7	BRACE-VERTICAL	1				
5-10	2182420.7	BAR-BUMPER	1				

BRAKES/REAR WHEEL

ZT 200
Series



FIGURE 6





ZT 200 Series

2187025

BRAKES/REAR WHEEL

FIGURE 6

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
6-1	2186148	S ENGINE DECK WLABS	1	6-27	64168-2	HAIRPINCOTTER	6
6-2	2186128.7	WLDMT-BRAKE ARM LH	1	6-28	64025-04	NUT-HEX 3/8-24	2
6-3	2186142.7	WLDMT-BRAKE ARM RH	1	6-29	38020-01	CLEVIS YOKE 3/8 PLATE	2
6-4	128102	SPRING-EXTENSION	2	6-30	2183064	ROD, BRAKE	1
6-5	2186143.7	WLDMT-BRAKE ARM LVR	1	6-31	450766	CAPSCRWM12-1.75X100	8
6-6	33213	ROD-SPD CTRL LH UPPER	2	6-33	64207-07	NUT-HEXM12-1.75	8
6-7	2182387.7	GUIDE-SPRING	2	6-34	64006-05	LCKWHSR-HELICAL 1/2	8
6-8	38020N	CLEVIS-YOKE PLATE	2	6-35	64025-31	NUT1-20 UNSLOTTED TRW	2
6-9	2188147	ASSY BRAKE CW (LH)	1	6-36	64164-08	S-KEY / WHEEL MOTOR	2
	* 2188148	ASSY BRAKE CCW (RH)	1	SERVICE PARTS FOR 2188147 AND 2188148			
6-10	64163-06	WSHR-.768-.756 IDX14 GA A/R		BRAKE ASSEMBLIES		QTY/ASSY	
6-11	2183056	SHAFT-BRAKE	1	2188147-01	BRACKET-MACHINED	1	
6-12	2188126-01	MOTOR-ASSY HYDRAULIC	2	2188147-02	PAD-CAM SIDE	1	
	(INCLUDES ITEMS 35 & 36)			2188147-03	PAD-SUPPORT	1	
6-13	2198156	ASSY-WHL & TIRE	2	2188147-04	SPRING-LEVER RETAINER	1	
	2198156-01	RIM ASSY W/VALVE STEM	2	2188147-05	HOUSING	1	
	2198156-02	TIRE 23 X 10.5 X 12	2	2188147-06	CAM LH	1	
6-14	2188149	HUB-WHL & DISC	2	2188147-07	PIVOT PIN	1	
6-15	64220-02	BOLT-WHEEL 7/16-20	10	2188147-08	PAD-CARRIER SIDE	1	
6-16	64188-02	PIN-CLEVIS 5/16X1	2	2188147-09	PAD-SUPPORT	1	
6-17	64061-25	ROLL-PIN 1/4X1 1/4	2				
6-18	2188155	GRIP, 1/4X1X4 1/2	1	2188148-01	*CAM RH	1	
6-19	2183063-01	SPACER, 32MM LONG	8				
6-21	85010N	STRAIGHT ZERK FITTING	1				
6-22	64144-34	SNAP RING .50	1				
6-23	2188145	BRG-.75 ID BRNZ SLF ALIGN	2				
6-24	64123-15	BLT-HEX 3/8-16X3/4	4				
6-25	64141-4	NUT-WLF 3/8-16	4				
6-26	64188-03	S PIN CLEVIS 3/8X1 1/8	2				

* NOT ILLUSTRATED

BRAKE ASSEMBLY BREAKDOWN

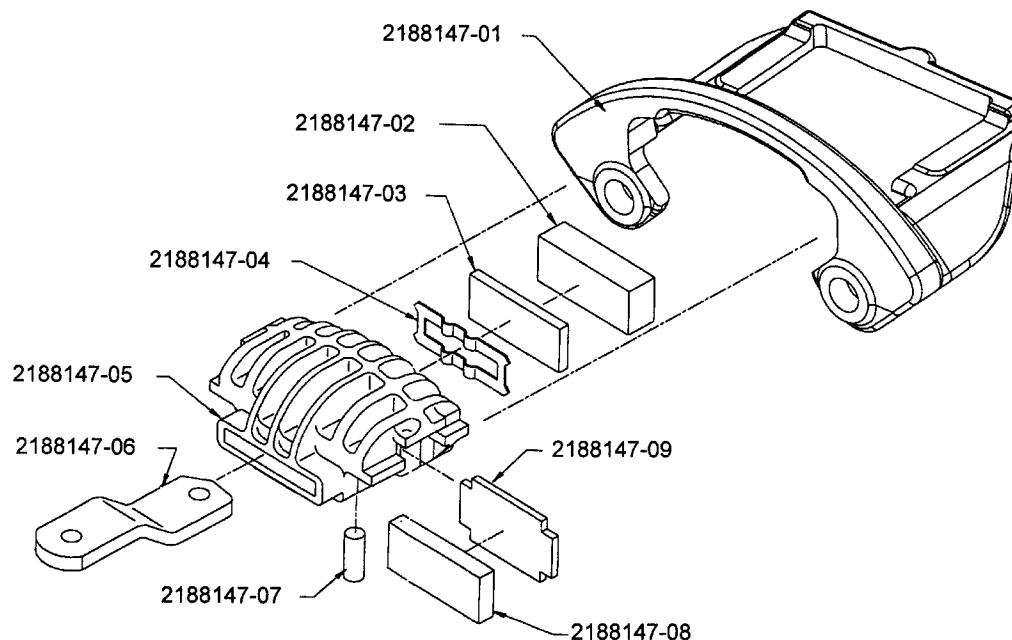
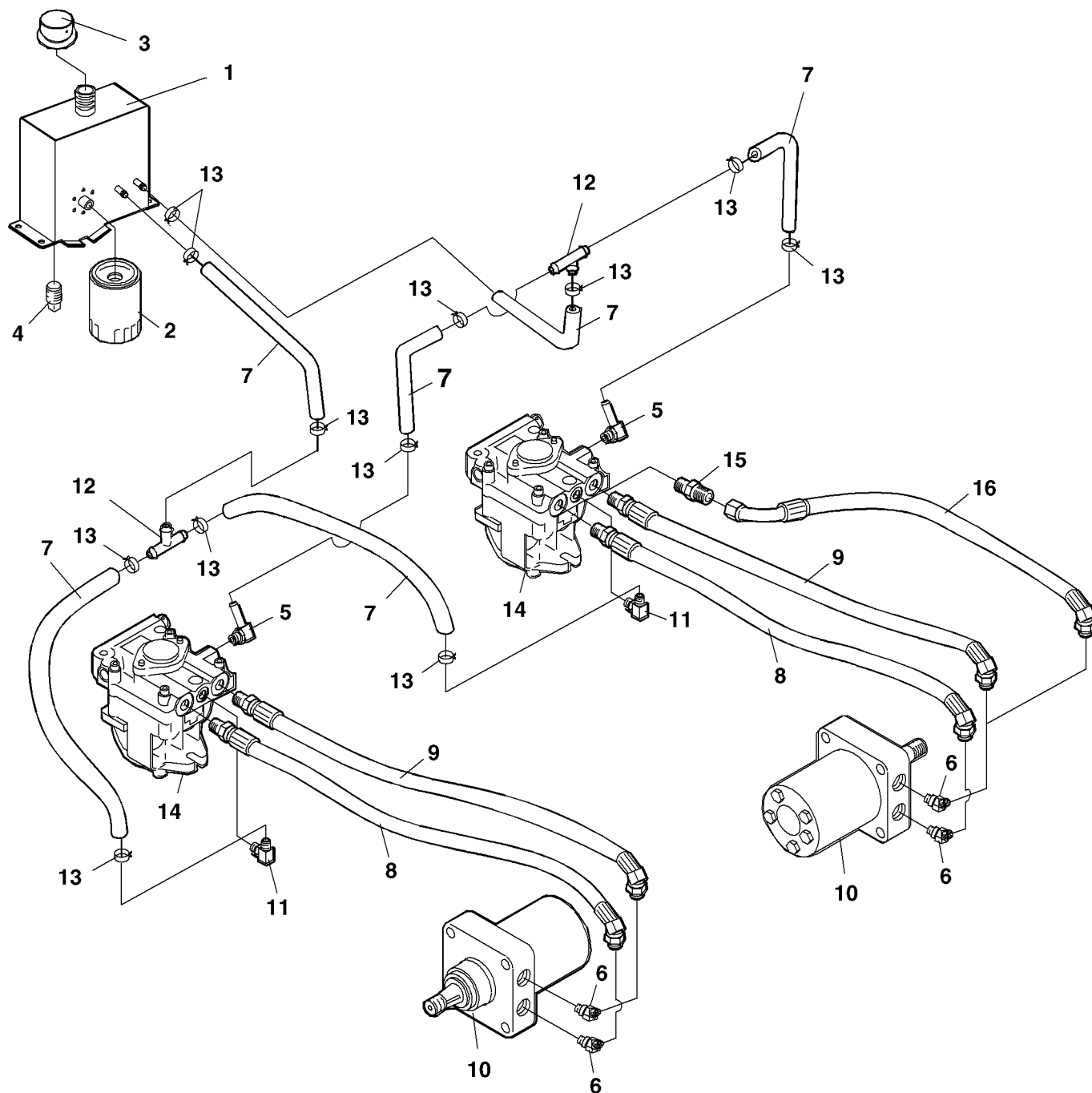




FIGURE 7





ZT 200 Series

2187184

HYDRAULICS

FIGURE 7

ITEM	PART NO.	DESCRIPTION	QTY
7-1.	2186211	S HYD RESERVOIR W/LAB	1
7-2.	2720396	FILTER 25 MICRON	1
7-3.	69216.7	CAP-RESERVOIR	1
7-4.	108029	PLUG-MAGNETIC	1
7-5.	158058-04	FTG-90 BRB 9/16-18X.38	2
7-6.	108205-03	ELBOW-MALE 45 37-ORB	4
7-7.	69053	3/8 HIGH TEMP HOSE .420 FT	
	69053	3/8 HIGH TEMP HOSE .420 FT	
	69053	3/8 HIGH TEMP HOSE .630 FT	
	69053	3/8 HIGH TEMP HOSE .920 FT	
	69053	3/8 HIGH TEMP HOSE .920 FT	
	69053	3/8 HIGH TEMP HOSE .920 FT	
7-8.	2188157-01	HOSE HYD ORB 37-22.38 (QTY OF 1 FOR KAWASAKI ENGINE)	2
7-9.	2188157-02	HOSE HYD ORB 37-25.00	2
7-10.	2188126-01	MOTOR-ASSY HYD	2
7-11.	158058-07	FTG-90 BARBADJ	2
7-12.	58026-01	3 WAY CONNECTOR 3/8	2
7-13.	88042-03	CLAMP-HOSE 5/8	12
7-14.	38345	PUMP-BDP 10L-119	2
7-15.	2188157-02	HOSE-HYD ORB-37 25.00 IN	1
7-16.	2720320-01	HOSE-1/2 37/45 37 26.25	1

(ITEMS 15, 16 FOR KAWASAKI ENGINE ONLY)

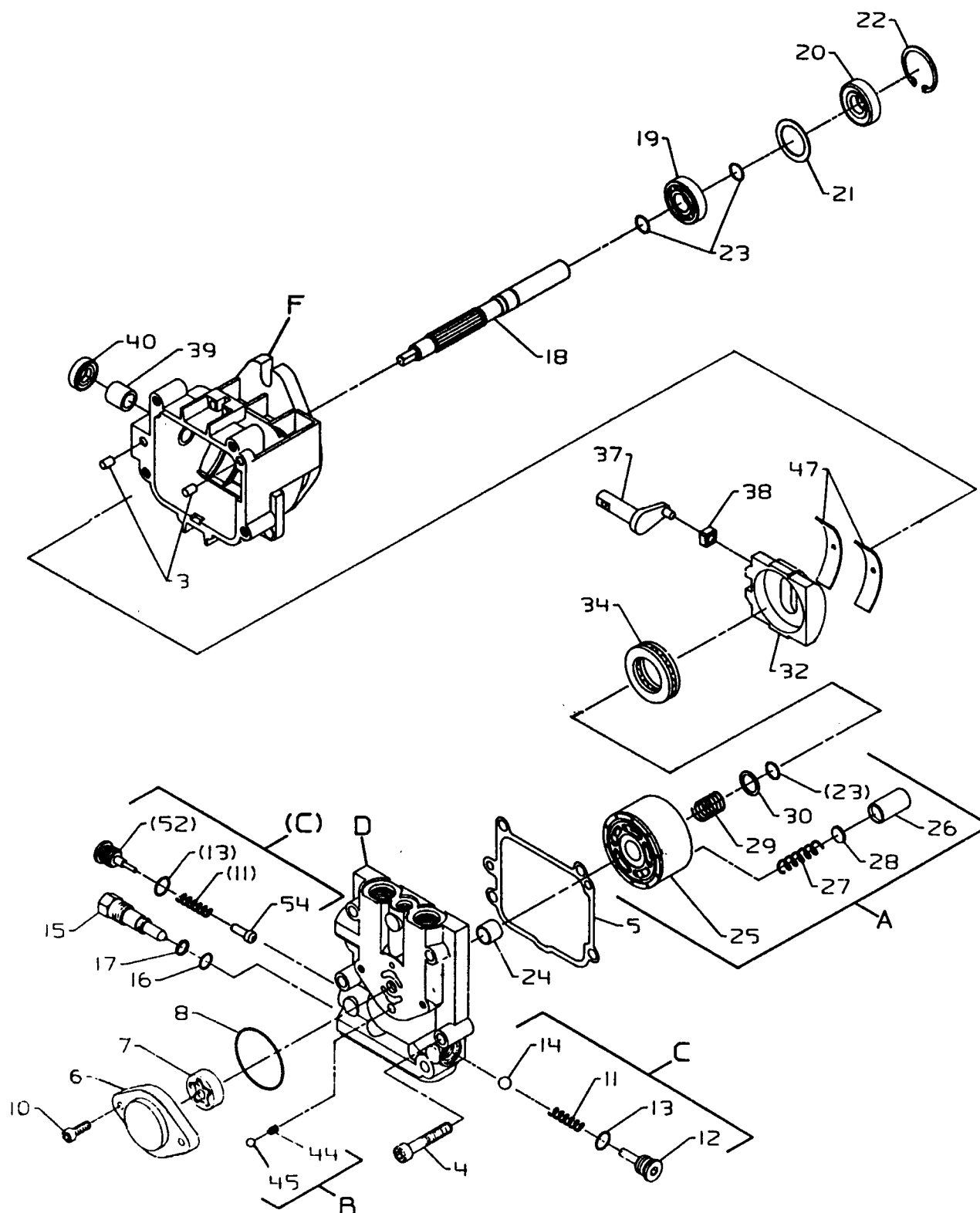
SAE PORT 'O' RING		
PART NUMBER	THREAD SIZE	AS-568#
158061-10	9/16-18	-906
158061-11	3/4-16	-908
158061-12	7/8-14	-910
158061-13	1-1/16-12	-912
158061-14	1-5/16-12	-916
158061-16	1-5/8-12	-920
158061-03	1-7/8-12	-924

HYDROGEAR PUMP

ZT 200
Series



FIGURE 8





ZT 200 Series

2187031

HYDROGEAR PUMP

FIGURE 8

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
HYDROGEAR-SUNSTRAND MODEL BDP-10L-119							
A	38345-12	S-SUN 2513009 CYL KIT	1				
B	38345-05	S-SUN 2510011 CRLF-KIT	1				
C	38345-02	S-SUN 2510008 VAL-KIT	1				
(C)	38345-03	S-SUN 2510027 CKV-KIT	1				
D	38345-13	S-SUN 2513016 ECAP KIT	1				
F	38345-04	S-SUN 2513017 HSG-KIT	1				
(INCLUDES ITEM 39)							
8-4	38345-11	S-SUN 9007314-0810 SHS	4				
8-5	38345-14	S GASKET-HSG 2003067	1				
8-6	38345-06	S-SUN 2003040 CRG-KIT	1				
8-7	38345-07	S-SUN J1041008 GRT ASY	1				
8-8	38345-08	S-SUN 9004101-1340 OR	1				
8-10	38345-10	S-SUN 9007375-0035 SHS	2				
8-18	38345-09	S-SUN J1030673 SHAFT	1				
8-32	188059-11	S SWPLT-VAR 2003087	1				
8-37	188059-15	S ARM TRUNN 2003005	1				
8-38	188059-9	S GUIDE-SLOT 2000015	1				
8-39	188059-14	S BRG TRUNN 2003009	1				
8-47	188059-13	S BRG CRDL J1040976	1				
	38345-01	S-SUN 2513018 S-KIT	1				
(CONTAINS ITEMS 5, 8, 13, 16, 17, 20, 23,& 40)							
8-48 *	38345-10	S SUN 2003067 GASKET	A/R				
PARTS NOT SERVICED BY TEXTRON TURF CARE AND SPECIALTY PRODUCTS, SEE HYDROGEAR-SUNSTRAND DEALER:							

ITEM	HYDROGEAR-SUNSTRAND P/N
8-3	9004800-2506
8-15	4460547-001
8-19	2003043
8-21	2003018
8-24	2003071
8-34	2003044
8-47	J1040976

* NOT ILLUSTRATED

KOHLER WIRE HARNESS

**ZT 200
Series**



2187169

FIGURE 9

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
9-1	2188213	HARNESS-WIRING	1				
9-2	148082-20	FUSE-20 AMP	2				
9-3	108061-13	CABLE-BATTERY	1				
9-4	158135-01	SWITCH-SEAT NO	1				
9-5	158136	WIRE-SEAT SWITCH	1				
9-6	48030N	HOUR METER ASSY	1				
9-7	48306A	CABLE-SOL/STARTER	1				
9-8	128010	KEY-SWITCH	1				
9-9	128037	RELAY	3				
9-10	2188154	MODULE-DELAY	1				
9-11	2188153	SWITCH-CLUTCH	1				
9-12	2188151	CLUTCH	1				
9-13	2188172	HARNESS-JUMPER	1				
9-14	108208	SWITCH-DBL POLE	2				
9-15	2188156	SWITCH-NONODBL POLE	1				

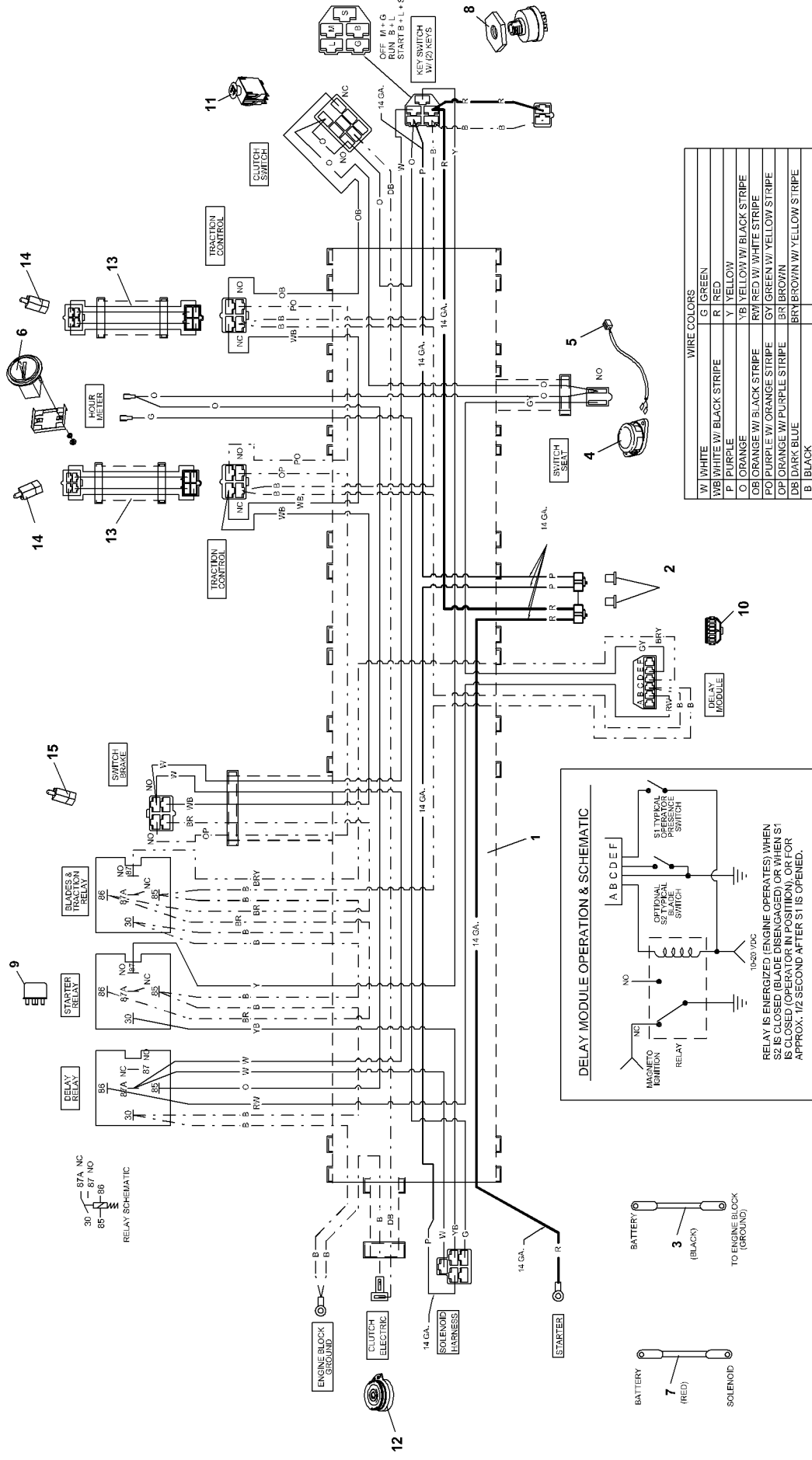


ZT 200 Series

KOHLER WIRING HARNESS

2187169

FIGURE 9

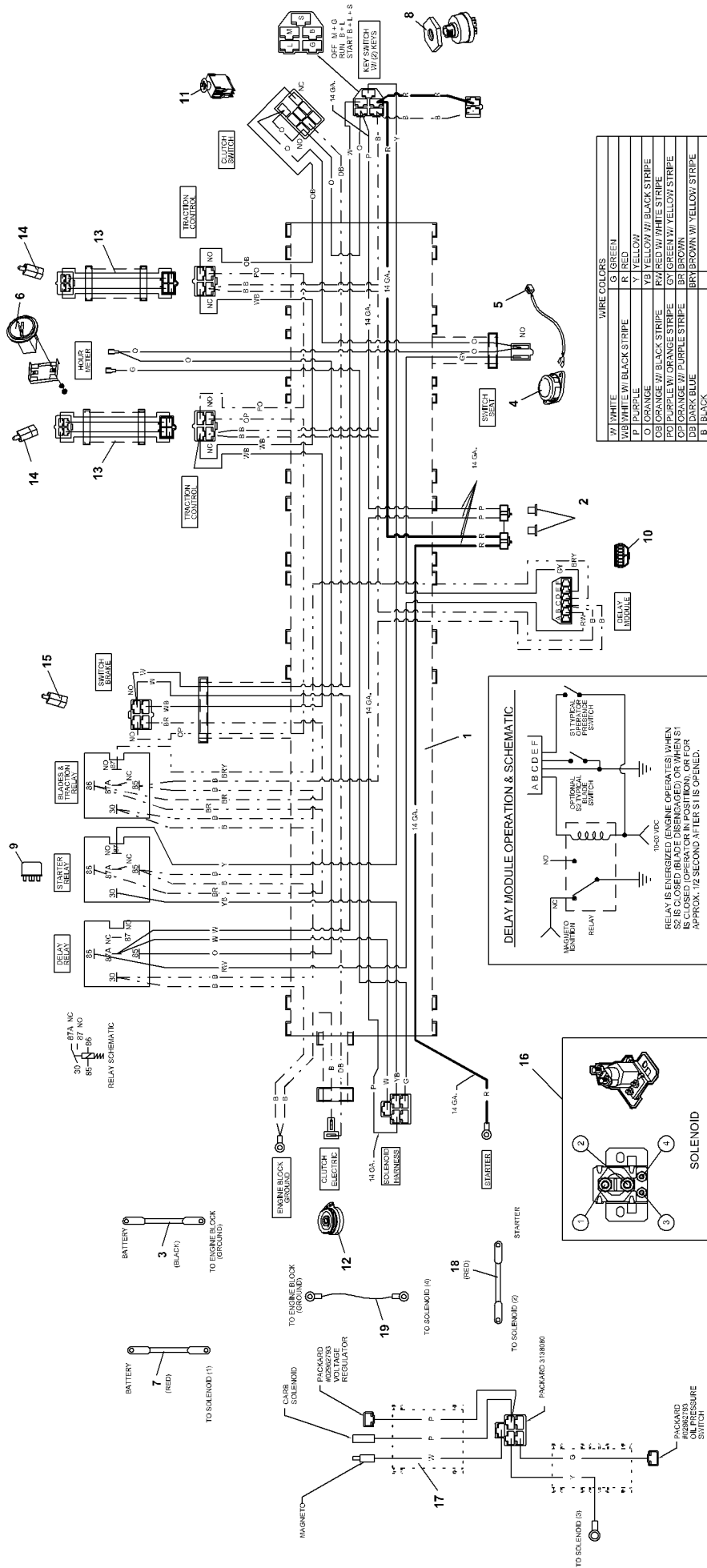


KAWASAKI WIRING HARNESS

FIGURE 10

ZT 200
Series

2187195





**ZT 200
Series**

2187195

KAWASAKI WIRE HARNESS

FIGURE 10

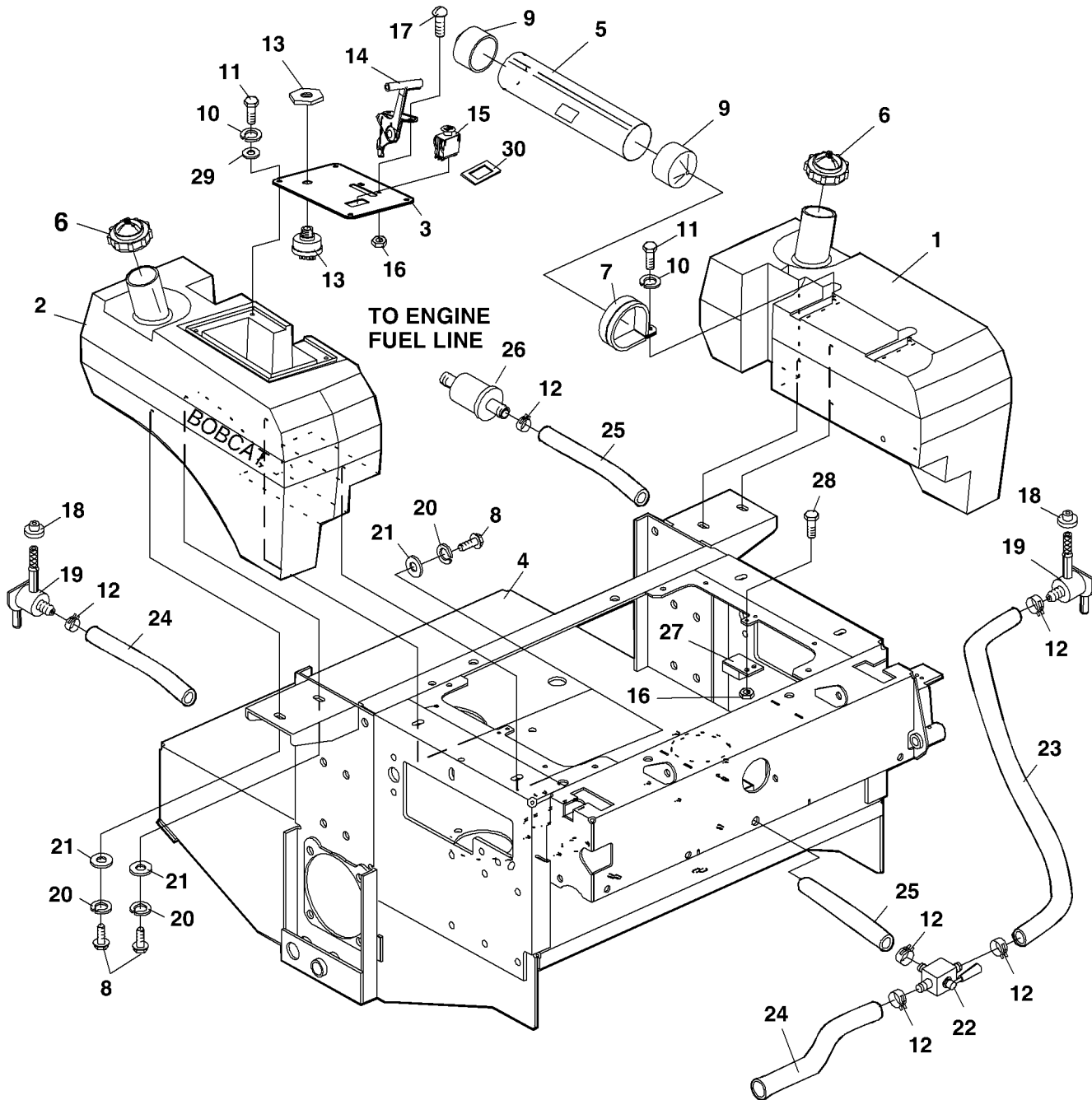
ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
10-1	2188213	HARNESS-WIRING	1				
10-2	148082-20	FUSE-20 AMP	2				
10-3	108061-13	CABLE-BATTERY	1				
10-4	158135-01	SWITCH-SEAT NO	1				
10-5	158136	WIRE-SEAT SWITCH	1				
10-6	48030N	HOUR METER ASSY	1				
10-7	108061-05	CABLE-BATTERY/SOLENOID	1				
10-8	128010	KEY-SWITCH	1				
10-9	128037	RELAY	3				
10-10	2188154	MODULE-DELAY	1				
10-11	2188153	SWITCH-CLUTCH	1				
10-12	2188151	CLUTCH	1				
10-13	2188172	HARNESS-JUMPER	2				
10-14	108208	SWITCH-DBL POLE	2				
10-15	2188156	SWITCH-NONO DBL POLE	1				
10-16	38665	SOLENOID	1				
10-17	2188224	HARNESS-JUMPER	1				
10-18	108061-04	CABLE-SOL/STARTER	1				
10-19	2188225	WIRE-GROUND	1				

FUEL TANKS/CONTROL PANEL

ZT 200
Series



FIGURE 11





ZT 200 Series

2187033

FUEL TANKS/CONTROL PANEL

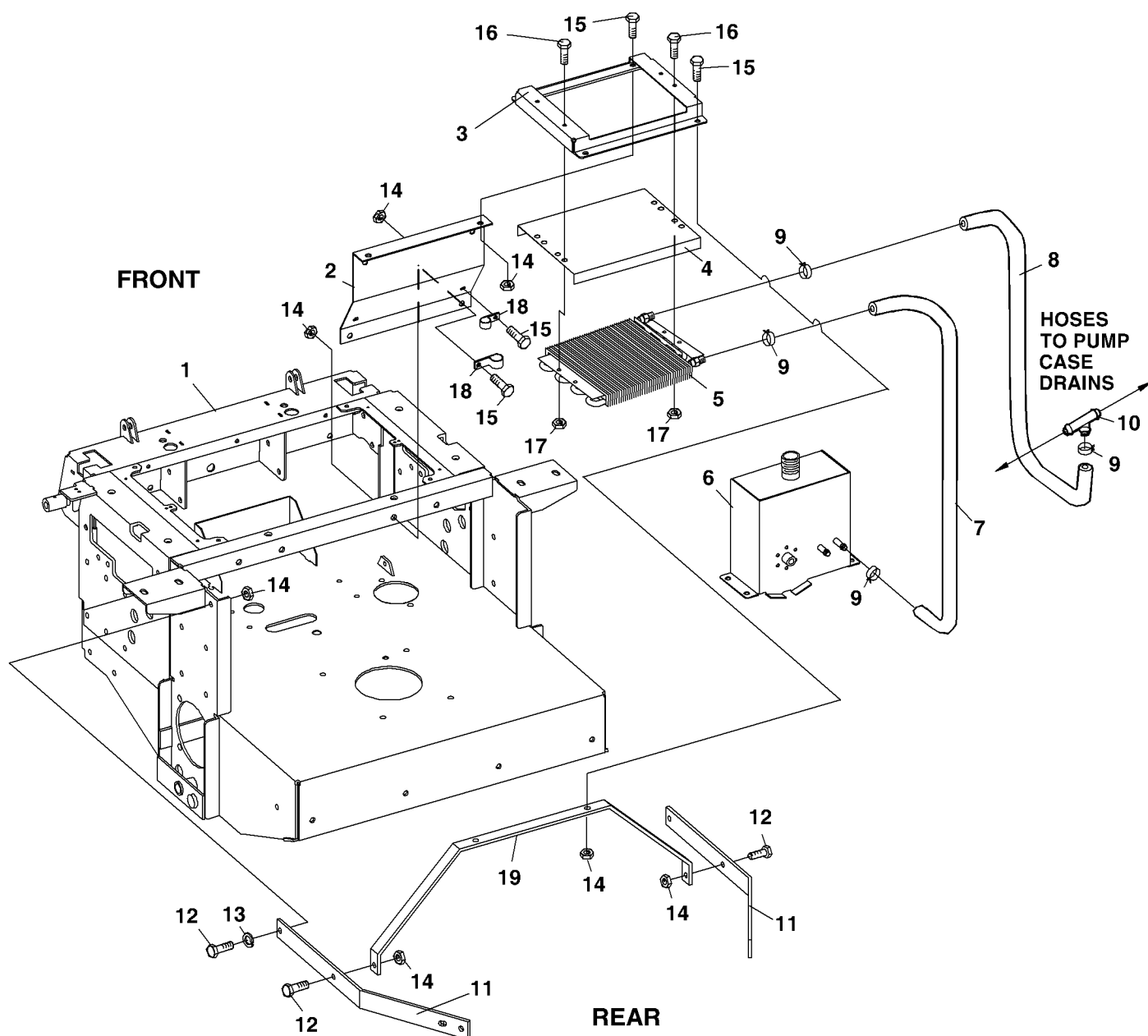
FIGURE 11

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
11-1	2188159	TANK-FUELLH (INCLUDES ITEMS 18 & 19)	1				
11-2	2188160	TANK-FUELRH (INCLUDES ITEMS 18 & 19)	1				
11-3	2186214	S CONTROL PANEL W/LAB	1				
11-4	2186148	S ENG DECK W/LABS	1				
11-5	2306144	S DOC TUBE W/LABS	1				
11-6	2308073	CAP-FUEL TANK	2				
11-7	38542	CLAMP-DOCTUBE	2				
11-8	64205-007	BLT-MET.M10-1.5X20	8				
11-9	38061A	SPINDLE-SHIELD	2				
11-10	64006-01	LCKWSHR-HELICAL 1/4	6				
11-11	A1102966	BLT-M6-1.00X16	6				
11-12	88042N	HOSE CALMP	6				
11-13	128010	KEY-SWITCH	1				
11-14	118020-09	CONTROL THROTTLE (USE WITH KOHLER ENGINES)	1				
	118020-14	CONTROL, THROTTLE (USE WITH KAWASAKI ENGINES)	1				
11-15	2188153	SWITCH-CLUTCH	1				
11-16	64025-15	NUT-HEX #10-24 KEPS	4				
11-17	64152-46	SCR.-SLTHH #10-24X1/2	2				
11-18	48310	S BUSHING, FUEL TANK	2				
11-19	38540	S FUEL SHUTOFF VALVE	2				
11-20	800488	LOCK WASHER M10	8				
11-21	64251-004	WASHER-M10	8				
11-22	2188161	VALVE-TANK SELECTOR	1				
11-23	48016-13A	HOSE 1/4IDX1/2ODX2.00	1				
11-24	48016-21A	HOSE 1/4IDX1/2ODX1.84	1				
11-25	48016-22A	HOSE 1/4IDX1/2ODX1.67	1				
11-26		FUEL FILTER (OBTAIN FROM KOHLER)	2				
11-27	2188154	MODULE-DELAY	1				
11-28	64152-46	SCR-SLTHH 10-24X1/2	2				
11-29	64163-03	WSHR-FLT.256IDX8GA	4				
11-30	2188178	SWITCH-RETAINER	1				

OIL COOLER

FIGURE 12

ZT 200
Series





ZT 200 Series

2187036

OIL COOLER

FIGURE 12

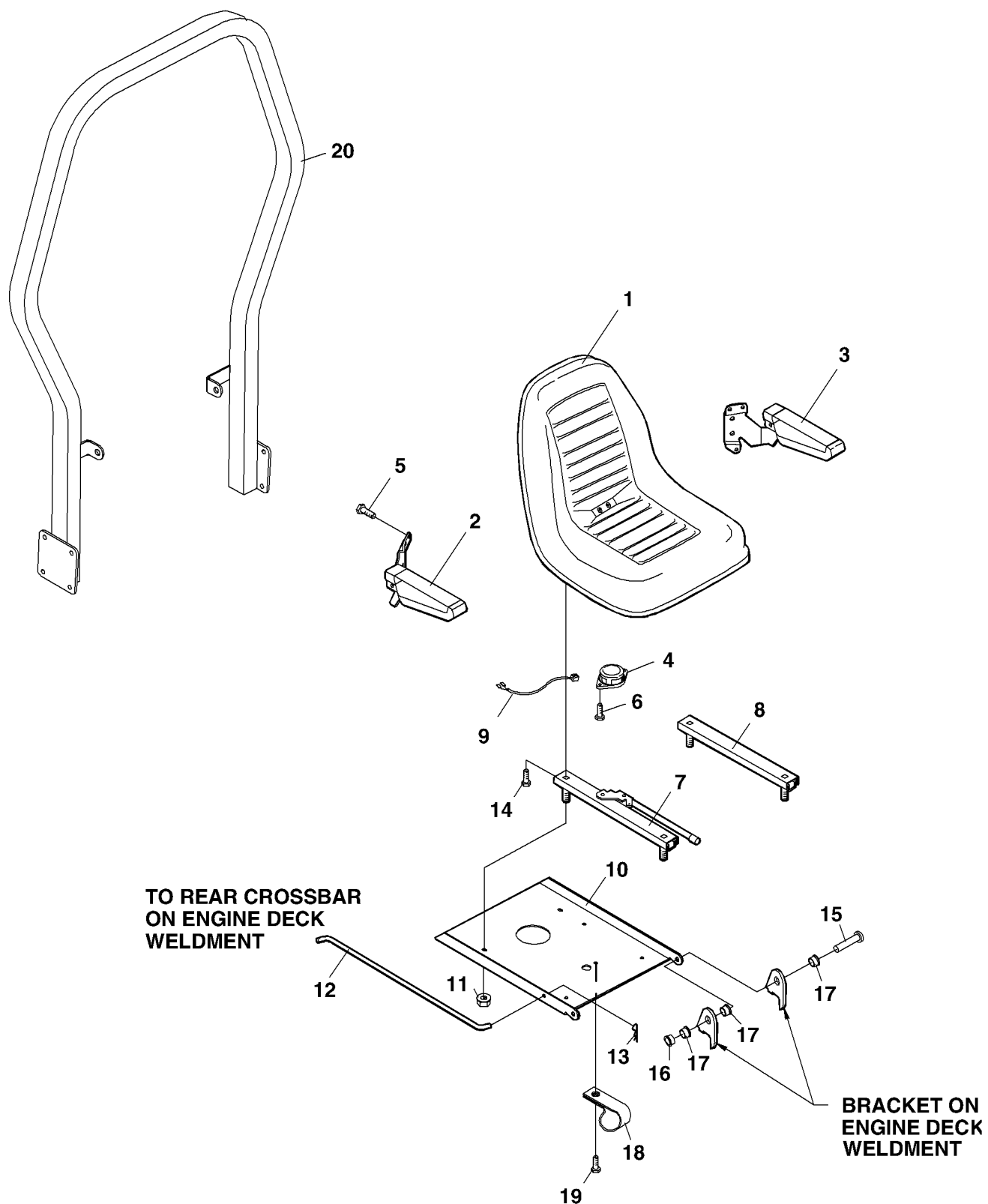
ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
KIT-OIL COOLER #970097							
12-1	2186148	S ENGINE DECK W/LABS	1				
12-2	2182444.7	BRKT-COOLER FRONT	1				
12-3	2182446.7	BRKT-OIL COOLER	1				
12-4	2182447.7	SCREEN-OIL COOLER	1				
12-5	2188173	COOLER-OIL	1				
12-6	2186211	S HYD RSRVR W/LABS	1				
12-7	69053-05	3/8 HIGH TEMP HOSE 55"	26"				
12-8	69053-05	3/8 HIGH TEMP HOSE 55"	22"				
12-9	88042-04	CLAMP-HOSE 5/8	4				
12-10	58026-01	3 WAY CONNECTOR 3/8	1				
12-11	2182435.7	ARM-BUMPER	2				
12-12	A1104057	BLT-MET. M10-1.5X25	4				
12-13	64251-004	WASHER-M10	2				
12-14	64237-03	LOCKNUT-NYLON M10-1.5	10				
12-15	64205-007	BLT-MET. M10-1.5X20	7				
12-16	A1102966	BLT-MET M6-1.00X16	4				
12-17	64237-02	LOCKNUT-NYLON M6-1.00	4				
12-18	48228-2A	CABLE-CLIP 3/4 W/INSTN	2				
12-19	2182445.7	BRKT-COOLER	1				

SEAT ASSEMBLY & ROPS

ZT 200
Series



FIGURE 13





ZT 200 Series

2187026

SEAT ASSEMBLY & ROPS

FIGURE 13

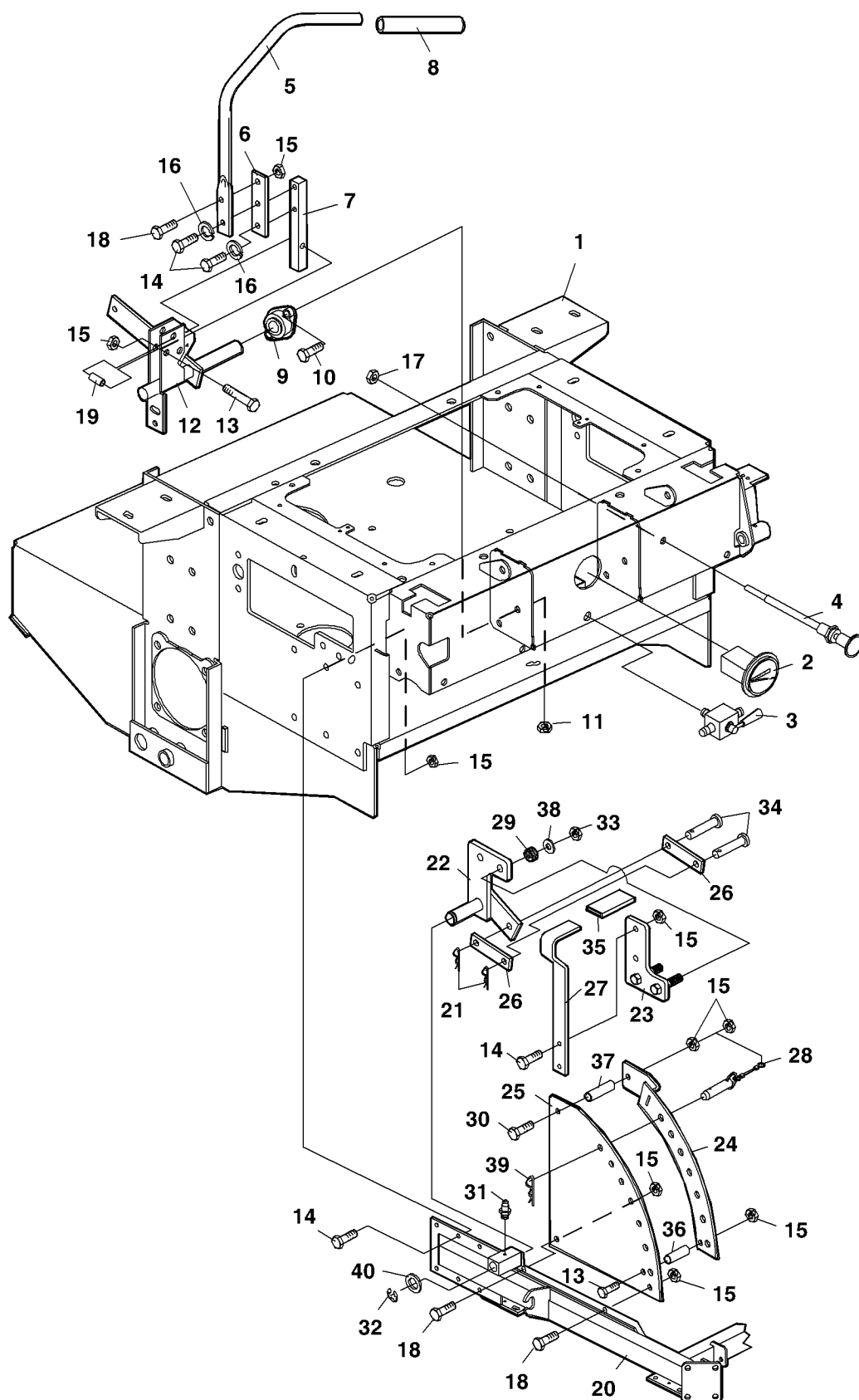
ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
13-1	198057	SEAT	1				
	OPTIONAL ARM RESTS:						
13-2	198066	RH ARM REST	1				
13-3	198059	LH ARM REST	1				
13-4	158135-01	SWITCH, SEAT NO	1				
13-5	64139-16	BLT-WLF 5/16-18 X 3/4	6				
13-6	64139-02	BLT-WLF 1/4-20 X 1/2	2				
13-7	198063	SLIDE RAIL-ADJ	1				
13-8	198062	SLIDE RAIL-SLAVE	1				
13-9	158136	WIRE-SEAT SWITCH	1				
13-10	2182391.7	PLATE-SEAT	1				
13-11	64141-6	NUT-WLF 5/16-18	4				
13-12	2183069	ROD-PROP	1				
13-13	64168-2	HAIRPIN-COTTER	1				
13-14	2198096	SCREW-CAP WSHR HD	4				
13-15	64188-38	PIN, CLEVIS 3/8X1 W/O HL	2				
13-16	64175-04	PUSHNUT 3/8 DIA	2				
13-17	38371-01	BRG-NYLINER 3/8	6				
13-18	48228A	CABLE CLIP-INSULATED	1				
13-19	64152-23	SCREW 1/4-20X3/8	1				
	OPTIONAL ROPS:						
13-20	970162	ATT-ROPS					

STEERING/OLD DECK LIFT

ZT 200
Series



FIGURE 14





ZT 200 Series

2187168

STEERING/OLD DECK LIFT

FIGURE 14

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
14-1	2186148	S ENGINE DECK W/LABS	1				
14-2	48030N	HOUR METER ASSY	1				
14-3	2188161	VALVE-TANK SELECTOR	1				
14-4	108009-04	CONTROL-CHOKE 40.0	1				
		(USE WITH KOHLER ENGINES)					
	108009-03	CONTROL-CHOKE 51.0	1				
		(USE WITH KAWASAKI ENGINES)					
14-5	2182344.7	LEVER-CONTROL	2				
14-6	2182434.7	BRKT-TRACTION LEVER	2				
14-7	2183074	BRACKET-HANDLE	2				
14-8	2188144	GRIP-.75 IDX12	2				
14-9	2188145	BEARING-SELF ALIGNED	4				
14-10	64123-15	BLT-HEX 3/8-16X3/4	8				
14-11	64141-4	NUT-WLF 3/8-16	8				
14-12	2186168.7	WLDMT-TRCTN CTRL RH	1				
	* 2186167.7	WLDMT-TRCTN CTRL LH	1				
14-13	64205-011	BLT-MET M10-1.5X40	7				
14-14	A110406	BLT-METRIC M10-1.5X30	16				
14-15	64237-03	LOCKNUT-NYLON M10-1.5	8				
14-16	800488	LOCKWASHER-M10	4				
14-17	64025-04	NUT-HEX 3/8-24	1				
14-18	A1104057	BLT-MET M10-1.5X25	3				
14-19	2188073	SPACER	6				
14-20	2720803.7	WLDMT-CRADLE	1				
14-21	64168-2	HAIRPIN COTTER	2				
14-22	2186136.7	WLDMT-ROCK SHAFT	1				
14-23	2186137.7	WLDMT-LIFT HANDLE, LWR	1				
14-24	2186155	SQUADRANT INNR W/LA	1				
14-25	2186152	S BRKT DECK LIFT OUTER	1				
14-26	2182368.7	BRKT-LIFT LINK	2				
14-27	2182385.7	LEVER-DECK LIFT	1				
14-28	2188141	ASSY, PIN & LANYARD	1				
14-29	35011A	SPRING, CNTRL DETENT	2				
14-30	64205-009	BLT-METRIC M10-1.5X65	1				
14-31	85010N	ZERK, 1/4-28 STR SLF TH	1				
14-32	64221-04	E-RING .875	1				
14-33	64237-06	LOCKNUT-NYLM12-1.75	2				
14-34	64188-36	PIN, CLEVIS 7/16X1-1/4	2				
14-35	2188143	GRIP	1				
14-36	2183071-01	SPACER-15.88X10.32X16	1				
14-37	2183071-02	SPACER-15.88X10.32X32	1				
14-38	64251-005	WHSR-M12	2				
14-39	64168-1	HAIRPIN COTTER	1				
14-40	64163-65	WSHR .890X1.375X18GA	3				

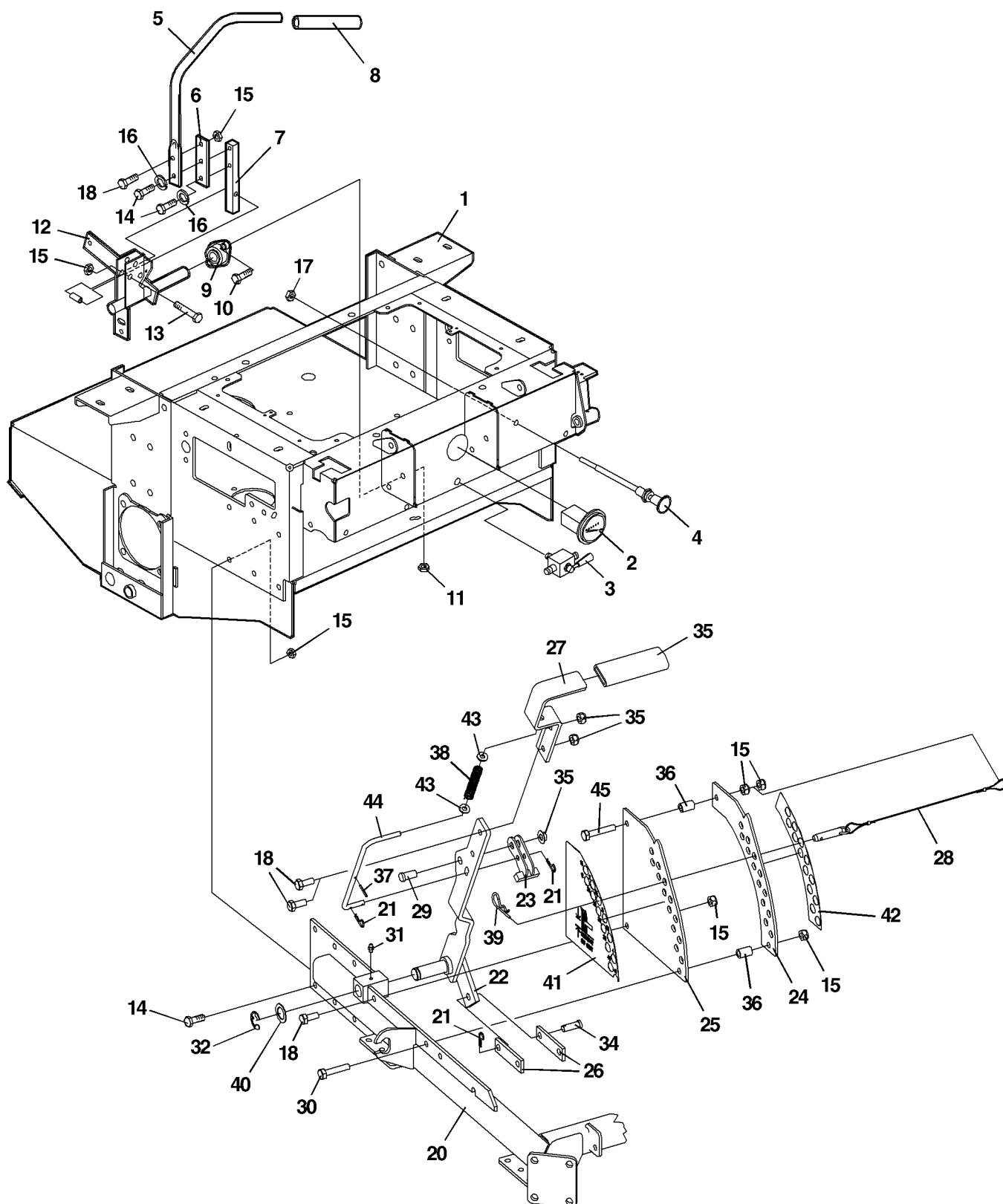
* NOT ILLUSTRATED

STEERING/NEW DECK LIFT

ZT 200
Series



FIGURE 15





ZT 200 Series

2720239

STEERING/NEW DECK LIFT

FIGURE 15

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
15-1	2186148	S ENGINE DECK W/LABS	1				
15-2	48030N	HOUR METER ASSY	1				
15-3	2188161	VALVE-TANK SELECTOR	1				
15-4	108009-04	CONTROL-CHOKE 40.0	1				
		(USE WITH KOHLER ENGINES)					
	108009-03	CONTROL-CHOKE 51.0	1				
		(USE WITH KAWASAKI ENGINES)					
15-5	2182344.7	LEVER-CONTROL	2				
15-6	2182434.7	BRKT-TRACTION LEVER	2				
15-7	2183074	BRACKET-HANDLE	2				
15-8	2188144	GRIP-.75 IDX12	2				
15-9	2188145	BEARING-SELF ALIGNED	4				
15-10	64123-15	BLT-HEX 3/8-16X3/4	8				
15-11	64141-4	NUT-WLF 3/8-16	8				
15-12	2186168.7	WLDMT-TRCTN CTRL RH	1				
	* 2186167.7	WLDMT-TRCTN CTRL LH	1				
15-13	64205-011	BLT-MET M10-1.5X40	6				
15-14	A110406	BLT-METRIC M10-1.5X30	16				
15-15	64237-03	LOCK NUT-NYLON M10-1.5	26				
15-16	800488	LOCK WASHER-M10	4				
15-17	64025-04	NUT-HEX 3/8-24	1				
15-18	A1104057	BLT-MET M10-1.5X25	3				
15-19	2188073	SPACER	6				
15-20	2720803.7	WLDMT-CRADLE	1				
15-21	64168-2	HAIRPIN COTTER	4				
15-22	2720551.7	WLDMT-DECK LIFT LEVER	1				
15-23	2720511.7	WLDMT-LVR STOP LATCH	1				
15-24	2720517.7	BRKT-INNER DECK LIFT	1				
15-25	2720516.7	BRKT-OUTER DECK LIFT	1				
15-26	2182368.7	BRKT-LIFT LINK	2				
15-27	2720501.7	HANDLE-LIFT ARM	1				
15-28	2188141	ASSY, PIN & LANYARD	1				
15-29	64188-53	PIN-CLEVIS 1/2X1.0	1				
15-30	64205-052	BLT-METRIC M10-1.5X50	1				
15-31	85010N	ZERK, 1/4-28 STR SLF TH	1				
15-32	64221-04	E-RING .875	1				
15-33	64175-05	NUT-PUSH 5/16	1				
15-34	64188-36	PIN, CLEVIS 7/16X1-1/4	2				
15-35	2188143	GRIP	1				
15-36	2183071-02	SPACER	2				
15-37	64061-37	ROLL PIN-1/8X1.00 SS	1				
15-38	2720544	SPRING-COMPRESSION	1				
15-39	64168-1	HAIRPIN COTTER	1				
15-40	64163-65	WSHR .890X1.375X18 GA	3				
15-41	2720742	LBL-ZT200 HT CUT OUTER	1				
15-42	2720743	LBL-ZT200 HT CUT INNER	1				
15-43	64163-37	WSHR 1.12X.390X19 GA	2				
15-44	2720503	ROD-LIFT STOP	1				
15-45	64205-008	BLT-METRIC M10-1.50X55	1				

* NOT ILLUSTRATED

CROSS REFERENCE

**ZT 200
Series**



PART NO.	DESCRIPTION	FIG/ITEM	PART NO.	DESCRIPTION	FIG/ITEM
108009-04	CONTROL-CHOKE 40.0	12 /4	2000735	LABEL-OPERMAN	4 /3
108009-04	CONTROL-CHOKE 40.0	13 /4	2000782	LABEL-BOBCAT TEXTRON	4 /2
108029	PLUG,MAGNETIC	7 /4	2000783	LABEL-BOBCAT DIAMOND	4 /16
108055	BATTERY	1 /4	2000784	LABEL-CNTRL PANEL ZT-200	4 /6
108061-04	CABLE-BATTERY 20 RED	10 /18	2000785	LABEL-RED/WHITE STRIPE	4 /1
108061-05	CABLE-BATTERY 28 RED	10 /7	2122289	GUARD-MUFFLER	1 /38
108061-13	CABLE-BATTERY 36 BLACK	9 /3	2182344.7	LEVER-CONTROL	12 /5
108061-13	CABLE-BATTERY 36 BLACK	10 /3	2182344.7	LEVER-CONTROL	13 /5
108205-03	ELBoW,MALE 45 8X10 37-ORB	7 /6	2182356.7	BRKT-SHAFT HANGER	3 /3
108208	SWITCH DBL POLE	1 /35	2182368.7	BRKT-LIFT LINK	12 /26
108208	SWITCH DBL POLE	9 /14	2182368.7	BRKT-LIFT LINK	13 /26
108208	SWITCH DBL POLE	10 /14	2182385.7	LEVER-DECKLIFT	12 /27
112386	BOOT,BAT TERM POS	1 /34	2182387.7	GUIDE-SPRING	6 /7
118020-09	CONTROL-THROTTLE 40.00	11 /14	2182391.7	PLATE-SEAT	13 /10
118020-14	CONTROL-THROTTLE 53.00	11 /14	2182404.7	PLATE-KICK	1 /41
128010	KEY SWITCH	11 /13	2182405.7	BRKT-REVERSE RETURN	1 /18
128010	KEY SWITCH	9 /8	2182418.7	HEATSHIELD	5 /6
128010	KEY SWITCH	10 /8	2182420.7	BAR-BUMPER	5 /10
128037	RELAY	9 /9	2182427.7	HOLDDOWN-BATTERY	1 /32
128037	RELAY	10 /9	2182432.7	BRACKET-RELAY	1 /5
128102	SPRING,EXTENSION	6 /4	2182434.7	BRKT-TRACTION LEVER	12 /6
148082-20	FUSE 20 AMP	9 /2	2182434.7	BRKT-TRACTION LEVER	13 /6
148082-20	FUSE 20 AMP	10 /2	2182435.7	ARM-BUMPER	5 /1
158058-04	FITTING-BARB 90, ADJ	7 /5	2182435.7	ARM-BUMPER	12 /11
158058-07	FITTING-90 BARB, ADJ	7 /11	2182442.7	BRACE-VERTICAL	5 /9
158135-01	SWITCH-SEAT, NO	13 /4	2182444.7	BRKT-COOLER FRONT	12 /2
158135-01	SWITCH-SEAT, NO	9 /4	2182445.7	BRKT-COOLER REAR	12 /19
158135-01	SWITCH-SEAT, NO	10 /4	2182446.7	BRKT-OIL COOLER	12 /3
158136	WIRE-SEAT SWITCH	13 /9	2182447.7	SCREEN-OIL COOLER	12 /4
158136	WIRE-SEAT SWITCH	9 /5	2182548.7	BRKT-MUFFLER LH	1 /63
158136	WIRE-SEAT SWITCH	10 /5	2182549.7	BRKT-MUFFLER RH	1 /63
188059-11	S SWASH PLATE #2003087	8 /32	2183052	ROD-LIFT	3 /11
188059-13	S BRG CRADLE #2003023	8 /47	2183056	SHAFT, BRAKE	6 /11
188059-14	USE 188059-16	8 /39	2183063-01	SPACER, 32MM LONG	6 /19
188059-15	S ARM-TR UNION #2003005	8 /37	2183064	ROD-BRAKE	6 /30
188059-9	S GUIDE SLOT #2000015	8 /38	2183069	ROD-PROP	13 /12
198057	SEAT	13 /1	2183071-01	SPACER-15.88X10.32X16	12 /36
198059	ARM REST ASSY - L	13 /3	2183071-02	SPACER-15.88X10.32X32	12 /37
198062	SLIDE RAIL - SLAVE	13 /8	2183071-03	SPACER	13 /36
198063	SLIDE RAIL - ADJ	13 /7	2183073	SPACER	12 /19
198066	ARM REST ASSY - R	13 /2	2183073	SPACER	13 /19
2000590	LABEL, WARN BATTERY	4 /4	2183074	BRKT-HANDLE	12 /7
2000683	LABEL - ZT HT CUT	4 /12	2186120.7	WLDMT-DECK HANGER	3 /4
2000691	LBL - HYDR OIL FILL	4 /5	2186128.7	WLDMT-BRAKE ARM LH	6 /2
2000693	LBL - PARK BRAKE	4 /7	2186130.7	WLDMT-LIFT SHAFT REAR	3 /10
2000694	LBL - INSIDE HOC	4 /13	2186136.7	WLDMT-ROCKSHAFT	12 /22
2000695	LBL - WARN/USING	4 /14	2186137.7	WLDMT-LIFT HANDLE, LOWER	12 /23
2000698	LBL(DBL) - FUEL/LEAKS	4 /8	2186142.7	WLDMT-BRAKE ARM RH	6 /3
2000700	LBL - RH TRACTION	4 /10	2186143.7	WLDMT-BRAKE LEVER ARM	6 /5
2000701	LBL - LH TRACTION	4 /11	2186144.7	WLDMT-BUMPER	5 /3
2000705	LABEL-TIRES	4 /9	2186147.7	WLDMT-CLUTCH BRACKET	2 /8
2000706	LABEL-FUEL	4 /15	2186148	S ENGINE DECK W/LABS	2 /23



ZT 200 Series

CROSS REFERENCE

PART NO.	DESCRIPTION	FIG/ITEM	PART NO.	DESCRIPTION	FIG/ITEM
2186148	S ENGINE DECK W/LABS	5 /2	2188148	ASSY, BRAKE CCW (RH)	6 /37
2186148	S ENGINE DECK W/LABS	6 /1	2188148-01	CAM RH	6 /50
2186148	S ENGINE DECK W/LABS	11 /4	2188149	HUB, WHEEL AND DISC	6 /14
2186148	S ENGINE DECK W/LABS	14/1	2188151	CLUTCH, ELECTRIC	2 /6
2186148	S ENGINE DECK W/LABS	1 /3	2188151	CLUTCH, ELECTRIC	9 /12
2186148	S ENGINE DECK W/LABS	12 /1	2188151	CLUTCH, ELECTRIC	10 /12
2186148	S ENGINE DECK W/LABS	13 /1	2188152	DAMPENER	1 /28
2186152	S BRKT DECKLIFT OTR W/LAB	12 /25	2188153	SWITCH, CLUTCH	11 /15
2186155	S QUADRANT INNER W/LAB	12 /24	2188153	SWITCH, CLUTCH	9 /11
2186167.7	WLDMT-MOTIONCNTRL LH	1 /29	2188153	SWITCH, CLUTCH	10 /11
2186167.7	WLDMT-MOTIONCNTRL LH	12 /12	2188154	MODULE-DELAY	11 /27
2186167.7	WLDMT-MOTIONCNTRL LH	13 /12	2188154	MODULE-DELAY	9 /10
2186168.7	WLDMT-MOTIONCNTRL RH	12 /12	2188154	MODULE-DELAY	10 /10
2186168.7	WLDMT-MOTIONCNTRL RH	13 /12	2188155	GRIP, 1/4X1X4-1/2	6 /18
2186171.7	WLDMT-PUMP ARM	1 /13	2188156	SWITCH-NONODBL POLE	1 /36
2186211	S HYD RESERVOIR W/LABS	12 /6	2188156	SWITCH-NONODBL POLE	9 /15
2186211	S HYD RESERVOIR W/LABS	1 /6	2188156	SWITCH-NONODBL POLE	10 /15
2186211	S HYD RESERVOIR W/LABS	7 /1	2188157-01	HOSE-HYD ORB-37 22.38 IN	7 /8
2186212.7	WLDMT-CLUTCHSTOP	2 /7	2188157-02	HOSE-HYD ORB-37 25.00 IN	7 /15
2186213	S FOOT PLATE	3 /9	2188157-02	HOSE-HYD ORB-37 25.00 IN	7 /9
2186214	S CONTROL PANEL W/LABS	11 /3	2188159	TANK-FUELLH	11 /1
2188125	ENGINE-KOHLER CV25S	1 /10	2188160	TANK-FUEL RH	11 /2
2188126-01	MOTOR-ASSY HYDRAULIC	6 /12	2188161	VALVE-TANK SELECTOR	11 /22
2188126-01	MOTOR-ASSY HYDRAULIC	7 /10	2188161	VALVE-TANK SELECTOR	12 /3
2188127	CHAIN-6.35 (.250) 5 LINKS	3 /5	2188161	VALVE-TANK SELECTOR	13 /3
2188128	BELT-TRACTIONDRIVE	2 /25	2188164	MAT-UPPER	3 /15
2188133	SPRING-COMPRESSION	3 /13	2188165	MAT-ANGLE	3 /14
2188136	SWIVEL	3 /8	2188171	ENGINE, KOHLER CV22S	1 /1
2188139	SPRING-COMPRESSION	1 /27	2188172	HARNESS-PIGTAIL	9 /13
2188140	TURNBUCKLE	1 /15	2188172	HARNESS-PIGTAIL	10 /13
2188141	ASSY, PIN & LANYARD	12 /28	2188173	COOLER-OIL	12 /5
2188141	ASSY, PIN & LANYARD	13 /28	2188178	SWITCH-RETAINER	11 /30
2188143	GRIP	12 /35	2188188	PULLEY-4.25	2 /5
2188143	GRIP	13 /35	2188205	ENGINE-KAWASAKI FHV 23	1 /58
2188144	GRIP, .75ID X 12	12 /8	2188213	HARNESS-WIRING MAIN	9 /1
2188144	GRIP, .75ID X 12	13 /8	2188213	HARNESS-WIRING MAIN	10 /1
2188145	BRG-.75ID BRZ SELF ALIGN	6 /23	2188224	HARNESS-JUMPER	10 /17
2188145	BRG-.75ID BRZ SELF ALIGN	1 /22	2188225	WIRE-GROUND	10 /19
2188145	BRG-.75ID BRZ SELF ALIGN	12 /9	2188226	ASSY-MUFFLER	1 /67
2188145	BRG-.75ID BRZ SELF ALIGN	13 /9	2188228	MAT-PLATFORM	3 /16
2188146	STRIP, WEAR	1 /44	2198096	SCRW-CAP W/.375 HEX WSR	13 /14
2188147	ASSY, BRAKE CW (LH)	6 /51	2198156	WHEEL ASSY-23x10.5-12 4P	6 /13
2188147	ASSY, BRAKE CW (LH)	6 /9	2198156-01	RIM ASM, W/VLV STEM&CAP	6 /38
2188147-01	BRACKET-MACHINED	6 /40	2198156-02	TIRE-23X10.5-12 4P MULTITRAC	6 /39
2188147-02	PAD-CAM SIDE	6 /41	2306082	WLDMT-IDLER ARM	2 /15
2188147-03	PAD-SUPPORT	6 /42	2306144	S DOC TUBE W/LABEL	11 /5
2188147-04	SPRING-LEVER RETAINER	6 /44	2308000	PULLEY-IDLER 4.00 EOD	2 /14
2188147-05	HOUSING	6 /45	2308073	CAP-FUEL TANK	11 /6
2188147-06	CAM	6 /46	2308095	COVER-TERMINAL	1 /40
2188147-07	PIN-PIVOT	6 /47	2308148	PUMP-PULLEY	2 /1
2188147-08	PAD-CARRIER SIDE	6 /48	2690033-01	ELBOW-3/8 PIPE, 90 DEG	1 /57
2188147-09	PAD-SUPPORT	6 /49	2720320-01	HOSE-1/2 37/45 37 26.25	7 /16

CROSS REFERENCE

ZT 200 Series



PART NO.	DESCRIPTION	FIG/ITEM	PART NO.	DESCRIPTION	FIG/ITEM
2720396	FILTER-25 MICRON SMALL	7 /2	48016-22A	HOSE-.25IDX.50ODX1.67LG	11 /25
2720501.7	HANDLE-LIFT ARM	13 /27	48024-9A	NIPPLE-PIPE 3/8X6	1 /56
2720503	ROD-LIFT STOP	13 /44	48030N	HOURL METER ASSEMBLY	12 /2
2720511.7	WLDMT-LEVER STOP LATCH	13 /23	48030N	HOURL METER ASSEMBLY	9 /6
2720516.7	BRKT-OUTER DECK LIFT	13 /25	48030N	HOURL METER ASSEMBLY	10 /6
2720517.7	BRKT-INNER DECK LIFT	13 /24	48030N	HOURL METER ASSEMBLY	13 /2
2720544	SPRING-COMPRESSION	13 /38	48228-2A	CABLE CLIP 3/4 W/INSTN	12 /18
2720551.7	WLDMT-DECK LIFT LEVER	13 /22	48228A	CABLE CLIP-INSULATED	13 /18
2720742	LABEL-ZT200 HT CUT OUTER	4 /17	48306A	CABLE,SOL.TO STARTER	9 /7
2720742	LABEL-ZT200 HT CUT OUTER	13 /41	48310	S BUSHING,FUEL TANK	11 /18
2720743	LABEL-ZT200 HT CUT INNER	4 /18	58026-01	3 WAY CONNECTOR 3/8	12 /10
2720743	LABEL-ZT200 HT CUT INNER	13 /42	58026-01	3 WAY CONNECTOR 3/8	7 /12
2720803.7	WLDMT-CRADLE	12 /20	64006-01	LOCKWSHR-HELICAL 1/4	2 /29
2720803.7	WLDMT-CRADLE	3 /1	64006-01	LOCKWSHR-HELICAL 1/4	11 /10
2720803.7	WLDMT-CRADLE	13 /20	64006-01	LOCKWSHR-HELICAL 1/4	1 /65
32791.7	HANDLE WITH SLOTS	3 /17	64006-02	LOCKWSHR-HELICAL 5/16	1 /61
33148-01	SPACER	2 /19	64006-03	LOCKWSHR-HELICAL 3/8	2 /21
33213	ROD-SPD CTRL UPPER	6 /6	64006-05	LOCKWSHR-HELICAL 1/2	6 /34
35011A	SPRING,CONTROL DETENT	12 /29	64006-06	LOCKWSHR-HELICAL 7/16	2 /12
38020-01	CLEVIS YOKE, 3/8 PLATE	6 /29	64025-03	NUT-HEX 5/16-24	1 /26
38020N	CLEVIS YOKE, 5/16 PLATE	6 /8	64025-04	NUT-HEX 3/8-24	6 /28
38020N	CLEVIS YOKE, 5/16 PLATE	1 /23	64025-04	NUT-HEX 3/8-24	12 /17
38061A	SPINDLE SHIELD	11 /9	64025-04	NUT-HEX 3/8-24	13 /17
38219	SPRING-TENSION	2 /20	64025-15	NUT-HEX #10-24 KEPS	11 /16
38304-02	BRG, FLGD PLASTIC	1 /47	64025-15	NUT-HEX #10-24 KEPS	1 /53
38304-03	BRG-FLANGED PLASTIC	2 /9	64025-21	NUT-HEX 5/8-11	3 /20
38345	PUMP BDP10L-119 HYDRO	1 /2	64025-31	NUT 1-20 UNSLOTTED TRW	6 /35
38345	PUMP BDP10L-119 HYDRO	7 /14	64025-33	NUT-HEX 5/16-24 LH	1 /55
38345-01	S-2513018 SEAL KIT	8 /48	64044-18	SCREW-SET 5/16-18 x 5/16	2 /2
38345-02	S-2510008 POPPET VALVE-KIT	8 /51	64061-25	ROLL PIN-1/4X1-1/4	6 /17
38345-03	S-2510027 CHECK BALL KIT	8 /52	64061-37	ROLL PIN-1/8X1.00 SS	13 /37
38345-04	S-2513017 HOUSING KIT	8 /54	64123-15	BLT-HEX 3/8-16X3/4	6 /24
38345-05	S-2510011 CHARGE RELIEF	8 /50	64123-15	BLT-HEX 3/8-16X3/4	1 /45
38345-06	S-2003040 CHARGE PUMP	8 /6	64123-15	BLT-HEX 3/8-16X3/4	12 /10
38345-07	S-J1041008 GEROTOR ASSY	8 /7	64123-15	BLT-HEX 3/8-16X3/4	13 /10
38345-08	S-9004101-1340 O-RING	8 /8	64123-155	BLT-HEX 7/16-20X3	2 /26
38345-09	S-2003020 SHAFT	8 /18	64123-205	BLT-HEX 5/16-24X4	1 /21
38345-10	S-9007375-0038 SCR W,SKT HD	8 /10	64123-21	BLT-HEX 3/8-24X1-1/4	2 /22
38345-11	S-9007314-0810 SCR W,SKT HD	8 /4	64139-02	BLT-WLF 1/4-20X1/2	13 /6
38345-12	S-9007314 CYL BLOCK KIT	8 /49	64139-16	BLT-WLF 5/16-18X5/8	13 /5
38345-13	S-2513016 END CAP KIT	8 /53	64141-4	NUT-WLF 3/8-16	6 /25
38345-14	S-2003067 GASKET	8 /5	64141-4	NUT-WLF 3/8-16	1 /11
38369-01	ROD END BALL JOINT RH	1 /31	64141-4	NUT-WLF 3/8-16	12 /11
38369-02	ROD END BALL JOINT LH	1 /14	64141-4	NUT-WLF 3/8-16	13 /11
38371-01	BRG-NY LINER 3/8	13 /17	64141-6	NUT-WLF 5/16-18	13 /11
38540	VALVE-FUEL W/FILTER	11 /19	64144-34	SNAP RING .50	6 /22
38542	CLAMP-DOCUMENT TUBE	11 /7	64152-23	1/4-20X3/8 LG SP SCREW	5 /8
38665	SOLENOID	1 /70	64152-23	1/4-20X3/8 LG SP SCREW	13 /19
38665	SOLENOID	10 /16	64152-23	1/4-20X3/8 LG SP SCREW	1 /46
450766	SKT HD CAP 12-1.75X100	6 /31	64152-23	1/4-20X3/8 LG SP SCREW	1 /69
48016-13A	HOSE,.25IDX.50ODX2LG	11 /23	64152-43	#8-18X1/2 S-TAP SCREW	1 /39
48016-21A	HOSE-.25IDX.50ODX1.84LG	11 /24	64152-46	SCR-SLT HH 10-24X1/2	11 /17



ZT 200 Series

CROSS REFERENCE

PART NO.	DESCRIPTION	FIG/ITEM	PART NO.	DESCRIPTION	FIG/ITEM
64152-46	SCR-SLT HH 10-24X1/2	11 /28	64229-02	LOCKNUT-NYLON 5/16-18	1 /17
64152-46	SCR-SLT HH 10-24X1/2	1 /52	64229-08	LOCK NUT NYLON 5/16-24	1 /54
64163-03	WSHR-.256ID X .62OD X 18 GA.	11 /29	64237-02	LOCKNUT-NYLON M6-1.00	12 /17
64163-03	WSHR-.256ID X .62OD X 18 GA.	1 /66	64237-03	LOCKNUT-NYLON M10-1.5	5 /5
64163-06	WSHR.768/.756X1.25X14G	6 /10	64237-03	LOCKNUT-NYLON M10-1.5	12 /14
64163-16	41/64X1-3/8X12GA WASHR	3 /21	64237-03	LOCKNUT-NYLON M10-1.5	3 /7
64163-34	WSHR.256/.267X1X11GA	2 /28	64237-03	LOCKNUT-NYLON M10-1.5	1 /12
64163-37	WSHR 1.12X.390X19 GA	13 /43	64237-03	LOCKNUT-NYLON M10-1.5	1 /51
64163-55	WSHR.328X.75X14 GA	1 /43	64237-03	LOCKNUT-NYLON M10-1.5	12 /15
64163-55	WSHR.328X.75X14 GA	1 /62	64237-03	LOCKNUT-NYLON M10-1.5	13 /15
64163-65	WSHR.890X1.375X18GA	2 /17	64237-05	LOCKNUT-NYLON M8-1.25	2 /13
64163-65	WSHR.890X1.375X18GA	3 /22	64237-05	LOCKNUT-NYLON M8-1.25	1 /30
64163-65	WSHR.890X1.375X18GA	13 /40	64237-06	LOCKNUT-NYLON M12-1.75	12 /33
64164-08	S-KEY FOR WHEEL MOTOR	6 /36	64238-03	KEY-METRIC 5MMSQ X 28MM	2 /3
64164-10	1/4X1/4X1-1/4 MACHKEY	2 /4	64243-02	BLT-CRG M10-1.50X20	1 /50
64168-1	COTTER-HAIRPIN .120X2-3/8	12 /39	64243-03	BLT-CRG M8-1.25X20	2 /10
64168-1	COTTER-HAIRPIN .120X2-3/8	13 /39	64246-03	NUT-WHIZ M10-1.50	1 /20
64168-2	COTTER-HAIRPIN .08X1.19	6 /27	64246-04	NUT-WHIZ M12-1.75	3 /25
64168-2	COTTER-HAIRPIN .08X1.19	13 /13	64251-004	WHSR-M10	5 /7
64168-2	COTTER-HAIRPIN .08X1.19	1 /25	64251-004	WHSR-M10	11 /21
64168-2	COTTER-HAIRPIN .08X1.19	12 /21	64251-004	WHSR-M10	12 /13
64168-2	COTTER-HAIRPIN .08X1.19	13 /21	64251-004	WHSR-M10	3 /19
64175-04	PUSHNUT 3/8 DIA	13 /16	64251-004	WHSR-M10	1 /9
64175-05	PUSHNUT-1/2 ROD	13 /33	64251-005	WHSR-M12	12 /38
64188-02	PIN, CLEVIS 5/16X1	6 /16	65103A	BEARING BUSHING	2 /18
64188-02	PIN, CLEVIS 5/16X1	1 /24	69051-01	PLUG-PIPE 3/8	1 /49
64188-03	S PIN, CLEVIS 3/8X1-1/8	6 /26	69053-05	HOSE-HYDRO 3/8 X 55	7 /7
64188-36	PIN, CLEVIS 7/16X1-1/4	12 /34	69053-05	HOSE-HYDRO 3/8 X 55	12 /8
64188-36	PIN, CLEVIS 7/16X1-1/4	13 /34	69053-05	HOSE-HYDRO 3/8 X 55	12 /7
64188-38	PIN, CLEVIS 3/8X1 W/O HOLE	13 /15	69216.7	CAP-RESERVOIR	7 /3
64188-53	PIN-CLEVIS 1/2X1.0	13 /29	800488	LOCK WASHER M10	11 /20
64192-03	SET SCRW SQ HD 5/16-24X5/8	1 /33	800488	LOCK WASHER M10	12 /16
64197-005	BLT-TDFM 3/8-16X1-1/4	2 /11	800488	LOCK WASHER M10	13 /16
64197-015	BLT-TDFM 10-32X1/2 TORX HD	1 /37	810149	BUMPER-RUBBER	1 /48
64197-016	BLT-TDFM 3/8-16X1/2	1 /8	831861	BOLT, BENT BATTERY HOOK	1 /10
64205-001	BLT-METRIC M8-1.25X20	1 /59	85010N	ZERK, 1/4-28 STR SELF THRD	2 /16
64205-003	BLT-METRIC M8-1.25X30	1 /16	85010N	ZERK, 1/4-28 STR SELF THRD	6 /21
64205-007	BLT METRIC M10-1.50X20	11 /8	85010N	ZERK, 1/4-28 STR SELF THRD	3 /12
64205-007	BLT METRIC M10-1.50X20	12 /15	85010N	ZERK, 1/4-28 STR SELF THRD	12 /31
64205-007	BLT METRIC M10-1.50X20	3 /26	85010N	ZERK, 1/4-28 STR SELF THRD	13 /31
64205-007	BLT METRIC M10-1.50X20	1 /42	85051	ZERK-1/8 PIPE	3 /2
64205-008	BLT-METRIC M10-1.50X55	13 /45	88042N	HOSE CLAMP	11 /12
64205-009	BLT-METRIC M10-1.5X65	12 /30	970162	ATT-ROPS 2 POST 2 SERIES	13 /20
64205-011	BLT-METRIC M10-1.50X40	12 /13	A1102966	BOLT-M6-1.00X16	11 /11
64205-011	BLT-METRIC M10-1.50X40	13 /13	A1102966	BOLT-M6-1.00X16	12 /16
64205-013	BLT-METRIC M6-1X12	2 /27	A1102966	BOLT-M6-1.00X16	1 /64
64205-029	BLT-METRIC M12X1.75X40	3 /24	A1104057	BOLT-M10-1.50X25	5 /4
64205-052	BLT-METRIC M10-1.5X50	13 /30	A1104057	BOLT-M10-1.50X25	12 /12
64207-01	NUT-HEX, M8-1.25	1 /60	A1104057	BOLT-M10-1.50X25	3 /6
64207-07	NUT-HEX M12-1.75	6 /33	A1104057	BOLT-M10-1.50X25	1 /19
64215-07	RIVET-POPIFI #84	3 /18	A1104057	BOLT-M10-1.50X25	12 /18
64220-02	BLT-WHL 7/16-20X.75 75D	6 /15	A1104057	BOLT-M10-1.50X25	13 /18
64221-04	E-RING .875	2 /24	A110406	SCREW, M10X1.5X30 HH 10/PK	1 /7
64221-04	E-RING .875	3 /23	A110406	SCREW, M10X1.5X30 HH 10/PK	12 /14
64221-04	E-RING .875	12 /32	A110406	SCREW, M10X1.5X30 HH 10/PK	13 /14
64221-04	E-RING .875	13 /32			

CALIFORNIA
Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.

 WARNING

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

Californie Proposition 65
Avertissement

Les échappements des moteurs diesel et certains de leurs composés sont reconnus par l'Etat de Californie pour être cancérigènes, provoquer des défauts congénitaux et d'autres dangers en matière de reproduction.

 AVERTISSEMENT

L'émission du moteur de ce matériel contient des produits chimiques que l'Etat de Californie considère être cancérigènes, provoquer des défauts congénitaux et d'autres dangers en matière de reproduction.

California Advertencia
de la Proposicion 65

El estado de California hace saber que los gases de escape de los motores diesel y algunos de sus componentes producen cáncer, defectos de nacimiento y otros daños en el proceso de reproducción humana.

 ADVERTENCIA

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