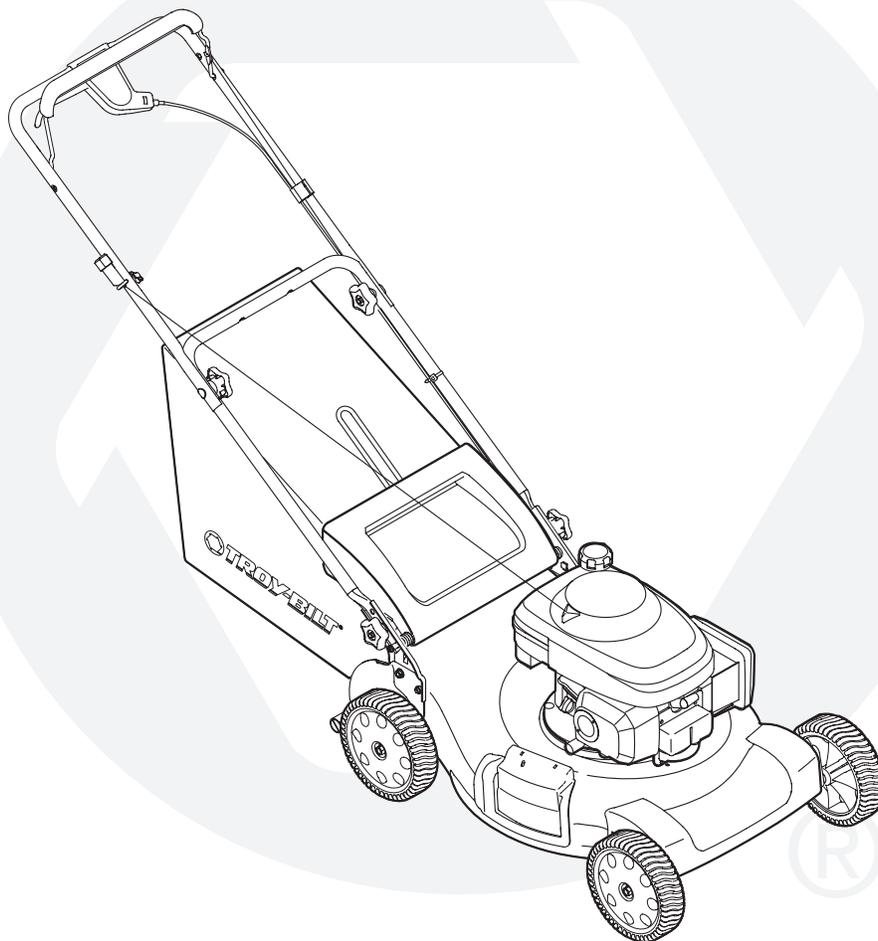


For Parts Call 606-678-9623 or 606-561-4983

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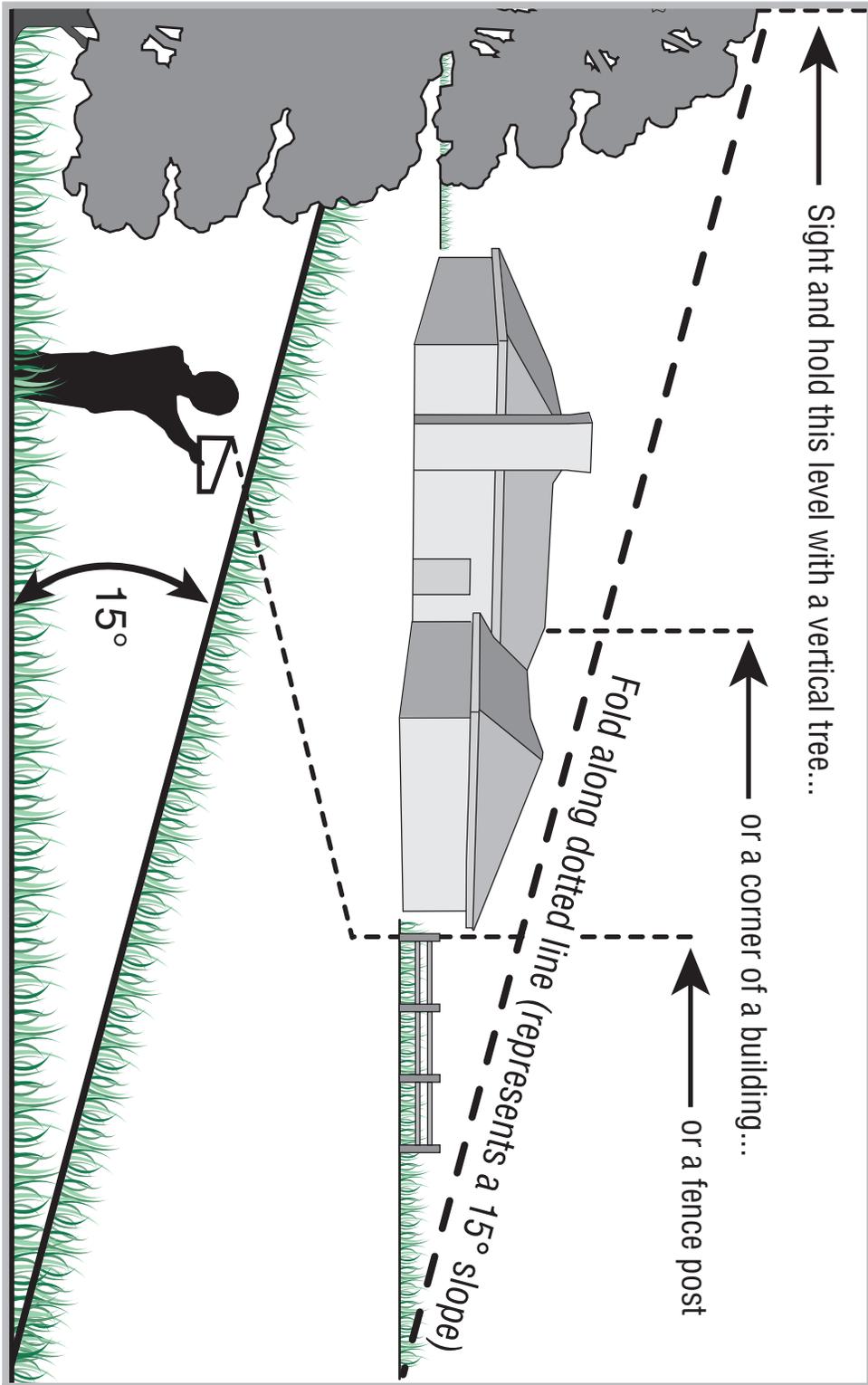
2 % ! \$ 3 ! & % 4 9 2 5 , % 3 ! . \$) . 3 4 2 5 # 4) / . 3 # ! 2 % & 5 , , 9 " % & / 2 % / 0 % 2 ! 4

WARNING THIS UNIT IS EQUIPPED WITH AN INTERNAL COMBUSTION ENGINE AND SHOULD NOT BE USED ON PAVED OR GRASS COVERED LAND UNLESS THE ENGINE'S EXHAUST SYSTEM IS PROPERLY MAINTAINED. IF A SPARK ARRESTER IS USED IT SHOULD BE MAINTAINED IN EFFECTIVE WORKING CONDITION. IN THE STATE OF CALIFORNIA PUBLIC RESOURCES CODE AND OTHER STATES MUFFLER FOR THE MUFFLER IS AVAILABLE THROUGH YOUR NEAREST ENGINE AUTHORIZED DEALER.

02).4%\$). 5 3 ! -4\$, ,# 0 / "/8 # , % 6 % , ! . \$ / () / & / 2 - . /

www.mymowerparts.com

USE THIS PAGE AS A GUIDE TO DETERMINE SLOPES WHERE YOU MOW YOUR LAWN MOWER ON SUCH SLOPES



1

3 SLOPE
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WARNING: ENGINE EXHAUST SOME OF ITS COMPONENTS CONTAIN OR EMIT CHEMICALS KNOWN TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HAZARDS

DANGER: THIS MACHINE WAS BUILT TO BE OPERATED ACCORDING TO THE OPERATOR'S MANUAL. FAILURE TO OPERATE THIS MACHINE WITH ANY TYPE OF POWER EQUIPMENT COULD RESULT IN SERIOUS INJURY. THIS MACHINE IS CAPABLE OF FAILING TO OBSERVE THE FOLLOWING SAFETY INSTRUCTIONS:

3 SAFETY / OPERATIONAL PRACTICES

#CHILDREN ALWAYS WEAR SAFETY GLASSES OR EYE PROTECTION AND WHILE PERFORMING ANY MAINTENANCE OR REPAIR WORK, ALWAYS WEAR SAFETY GLASSES OR EYE PROTECTION. CHILDREN ARE OFTEN ATTRACTED TO MOWERS AND MOWER ACTIVITY. THEY DO NOT UNDERSTAND THE DANGERS. NEVER ASSUME THAT CHILDREN WILL REMAIN WHERE YOU ASK THEM TO.



KEEP CHILDREN OUT OF THE MOWING AREA AND UNDER THE CARE OF A RESPONSIBLE ADULT. ALWAYS WEAR SAFETY SHOES. BE ALERT AND TURN MOWER OFF BEFORE AND WHILE MOVING BACKWARDS. ALWAYS LOOK BEHIND AND DOWN FOR SMALL CHILDREN. DO NOT PUT HANDS OR FEET NEAR THE MOWER BLADES.

7!2.) .'

USE EXTREME CARE WHEN APPROACHING OR LEAVING THE MOWER. DO NOT ATTEMPT TO ASSEMBLE THIS MACHINE. ALWAYS FOLLOW ALL INSTRUCTIONS IN THIS MANUAL AND SHOULD BE TRAINED AND SUPERVISED BY A PARENT OR OTHER RESPONSIBLE ADULT. NEVER ALLOW CHILDREN UNDER 5 YEARS OLD TO OPERATE THIS MOWER. ALWAYS WEAR SAFETY GLASSES OR EYE PROTECTION AND ALWAYS WEAR SAFETY SHOES.

THIS SYMBOL POINTS OUT IMPORTANT SAFETY INSTRUCTIONS WHICH IF NOT FOLLOWED COULD ENDANGER THE PERSON'S SAFETY AND OR THAT OF OTHERS OF YOURSELF AND OTHERS.

GENERAL / OPERATION INSTRUCTIONS. ALWAYS FOLLOW THESE STEPS BEFORE OPERATING THE MOWER. ALWAYS WEAR SAFETY GLASSES OR EYE PROTECTION AND ALWAYS WEAR SAFETY SHOES. ALWAYS FOLLOW ALL INSTRUCTIONS IN THIS MANUAL AND SHOULD BE TRAINED AND SUPERVISED BY A PARENT OR OTHER RESPONSIBLE ADULT. NEVER ALLOW CHILDREN UNDER 5 YEARS OLD TO OPERATE THIS MOWER.

2 READ THE OPERATOR'S MANUAL CAREFULLY IN ITS ENTIRETY BEFORE ATTEMPTING TO ASSEMBLE THIS MACHINE.

GENERAL / OPERATION INSTRUCTIONS. ALWAYS FOLLOW THESE STEPS BEFORE OPERATING THE MOWER. ALWAYS WEAR SAFETY GLASSES OR EYE PROTECTION AND ALWAYS WEAR SAFETY SHOES.

2 READ AND FOLLOW ALL INSTRUCTIONS IN THIS MANUAL BEFORE ATTEMPTING TO OPERATE THIS MACHINE.

GENERAL / OPERATION INSTRUCTIONS. ALWAYS FOLLOW THESE STEPS BEFORE OPERATING THE MOWER. ALWAYS WEAR SAFETY GLASSES OR EYE PROTECTION AND ALWAYS WEAR SAFETY SHOES.

FAILURE TO COMPLY WITH THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY.

GENERAL / OPERATION INSTRUCTIONS. ALWAYS FOLLOW THESE STEPS BEFORE OPERATING THE MOWER. ALWAYS WEAR SAFETY GLASSES OR EYE PROTECTION AND ALWAYS WEAR SAFETY SHOES.

WHEN YOU SEE THIS SYMBOL

GENERAL / OPERATION INSTRUCTIONS. ALWAYS FOLLOW THESE STEPS BEFORE OPERATING THE MOWER. ALWAYS WEAR SAFETY GLASSES OR EYE PROTECTION AND ALWAYS WEAR SAFETY SHOES.

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GENERAL / OPERATION INSTRUCTIONS. ALWAYS FOLLOW THESE STEPS BEFORE OPERATING THE MOWER. ALWAYS WEAR SAFETY GLASSES OR EYE PROTECTION AND ALWAYS WEAR SAFETY SHOES.

YOUR RESPONSIBILITY IS TO RESTRICT THE USE OF THIS POWER EQUIPMENT TO PERSONS WHO CAN UNDERSTAND AND FOLLOW THE WARNINGS AND INSTRUCTIONS IN THIS MANUAL AND ON THE MACHINE.

GENERAL / OPERATION INSTRUCTIONS. ALWAYS FOLLOW THESE STEPS BEFORE OPERATING THE MOWER. ALWAYS WEAR SAFETY GLASSES OR EYE PROTECTION AND ALWAYS WEAR SAFETY SHOES.

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GENERAL / OPERATION INSTRUCTIONS. ALWAYS FOLLOW THESE STEPS BEFORE OPERATING THE MOWER. ALWAYS WEAR SAFETY GLASSES OR EYE PROTECTION AND ALWAYS WEAR SAFETY SHOES.

2 RESPONSIBILITY

GENERAL / OPERATION INSTRUCTIONS. ALWAYS FOLLOW THESE STEPS BEFORE OPERATING THE MOWER. ALWAYS WEAR SAFETY GLASSES OR EYE PROTECTION AND ALWAYS WEAR SAFETY SHOES.

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GENERAL / OPERATION INSTRUCTIONS. ALWAYS FOLLOW THESE STEPS BEFORE OPERATING THE MOWER. ALWAYS WEAR SAFETY GLASSES OR EYE PROTECTION AND ALWAYS WEAR SAFETY SHOES.

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GENERAL / OPERATION INSTRUCTIONS. ALWAYS FOLLOW THESE STEPS BEFORE OPERATING THE MOWER. ALWAYS WEAR SAFETY GLASSES OR EYE PROTECTION AND ALWAYS WEAR SAFETY SHOES.

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GENERAL / OPERATION INSTRUCTIONS. ALWAYS FOLLOW THESE STEPS BEFORE OPERATING THE MOWER. ALWAYS WEAR SAFETY GLASSES OR EYE PROTECTION AND ALWAYS WEAR SAFETY SHOES.

UNDERSTAND AND FOLLOW

GENERAL / OPERATION INSTRUCTIONS. ALWAYS FOLLOW THESE STEPS BEFORE OPERATING THE MOWER. ALWAYS WEAR SAFETY GLASSES OR EYE PROTECTION AND ALWAYS WEAR SAFETY SHOES.

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MACHINE

GENERAL / OPERATION INSTRUCTIONS. ALWAYS FOLLOW THESE STEPS BEFORE OPERATING THE MOWER. ALWAYS WEAR SAFETY GLASSES OR EYE PROTECTION AND ALWAYS WEAR SAFETY SHOES.

2

OPERATING INSTRUCTIONS



SAFETY SYMBOLS
IMPORTANT INSTRUCTIONS
BEFORE OPERATING
DANGER TO YOU AND OTHERS
READ AND FOLLOW THESE INSTRUCTIONS
BEFORE OPERATING
FAILURE TO COMPLY WITH THESE INSTRUCTIONS
MAY RESULT IN PERSONAL INJURY OR DEATH

THE CUTTING BLADE CONTINUES TO ROTATE AFTER THE ENGINE IS SHUT OFF. NEVER OPERATE MOWER WITHOUT PROPERLY MAINTAINED SAFETY DEVICES. NEVER OPERATE MOWER WITH DAMAGED SAFETY DEVICES. OFFFLER AND ENGINE BECOME HOT AND CAN CAUSE BURNS. IF GASOLINE IS SPILLED WIPE IT OFF THE ENGINE IMMEDIATELY. FAILURE TO DO SO CAN RESULT IN PERSONAL INJURY. ALWAYS USE CARE AND GOOD JUDGMENT. ASSISTANCE BY TELEPHONE FROM NEAREST DEALER.

3 SLOPE OPERATION

SLOPES ARE A MAJOR FACTOR RELATED TO SLIP AND FALL ACCIDENTS. CAUTION IF YOU FEEL UNEASY ON A SLOPE. MEASURE SLOPES BEFORE OPERATING IN AN AREA IF THE SLOPE IS GREATER THAN 15%.

BEFORE CLEANING, REPAIRING, OR INSPECTING, MAKE SURE THE MOWER IS ON A FLAT SURFACE. EXERCISE EXTREME CAUTION WHEN CHANGING PARTS ON SLOPES.

WATCH FOR HOLES, RUTS, ROCKS, AND OTHER OBSTACLES. ALWAYS BE SURE OF YOUR FOOTING. IF YOU FEEL UNBALANCED, RELEASE THE BLADE CONTROL IMMEDIATELY. LOWER BLADES ARE SHARP AND CAN CUT THROUGH GLOVES AND USE EXTRA CAUTION.

DO NOT MOW NEAR DROP OFFS. YOU COULD LOSE YOUR FOOTING OR BALANCE. DO NOT MOW SLOPES GREATER THAN 15% AS SHOWN ON THE SLOPE GAUGE. DO NOT MOW ON WET GRASS. SLIPPING.

3 SERVICE

3 SAFE HANDLING OF GASOLINE

40 AVOID PERSONAL INJURY OR PROPERTY DAMAGE WHEN HANDLING GASOLINE. GASOLINE IS EXTREMELY FLAMMABLE AND THE VAPORS ARE EXPLOSIVE. NEVER OPERATE MOWER WITH SPILLED GASOLINE ON IT. WASH YOUR SKIN AND CHANGE CLOTHING IMMEDIATELY. USE ONLY AN APPROVED GASOLINE CONTAINER. NEVER FILL CONTAINERS INSIDE A GARAGE OR UNDER A SHED. PLACE CONTAINER ON THE GROUND AWAY FROM YOUR VEHICLE. REMOVE GAS POWERED EQUIPMENT FROM THE TRUCK OR TRAILER AND REFUEL IT ON THE GROUND. USE A PORTABLE CONTAINER RATHER THAN FROM A GASOLINE DISPENSER. DISPOSAL OF FLUIDS AND MATERIALS CAN HARM THE ENVIRONMENT. KEEP THE NOZZLE IN CONTACT WITH THE RIM OF THE FUEL TANK OR CONTAINER OPENING AT ALL TIMES UNTIL FUELING IS COMPLETE. DO NOT USE A NOZZLE LOCK OPEN DEVICE.

WARNING: Never operate mower unless the hooks on the grass catcher are firmly seated on the pivot rod and the rear discharge door rests firmly against top of the grass catcher.

FOLLOW STEPS BELOW TO INSTALL THE MULCHING BAFFLE
 1. LIFT THE REAR DISCHARGE DOOR AND LIFT THE GRASS CATCHER UP AND
 2. INSERT THE MULCHING BAFFLE AS SHOWN IN FIGURE 4
 3. CONVERT TO SIDE DISCHARGE MAKE SURE GRASS CATCHER IS UP ON
 4. IN THE SIDE OF THE MOWER LIFT THE MULCHING PLUG
 5. SLIDE TWO HOOKS ON SIDE DISCHARGE CHUTE UNDER MULCHING PLUG SO NOT REMOVE SIDE MULCHING PLUG AT ANY TIME EVEN

3
 SETUP
 ADJUSTM

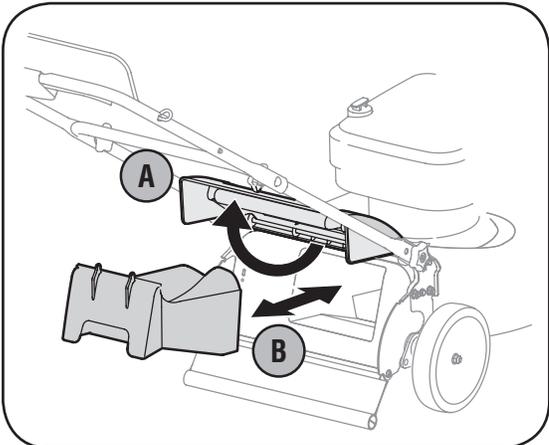


FIGURE 4 THE MULCHING BAF

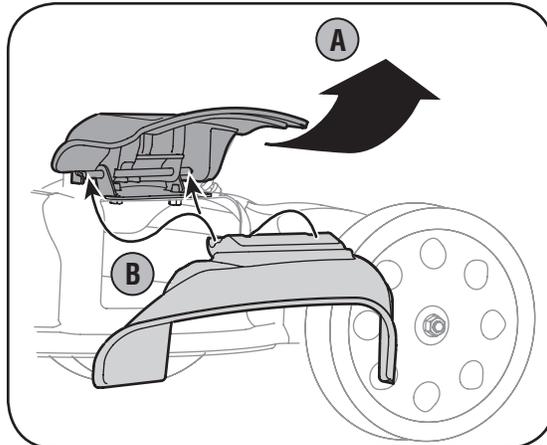


FIGURE 5 INSTALLING THE SIDE

ADJUSTMENTS

CUTTING HEIGHT

THE CUTTING HEIGHT ADJUSTMENT LEVER IS LOCATED ABOVE THE REAR LEFT

- A. PULL THE LEVER OUT AND AWAY FROM THE MOWER
- B. MOVE THE LEVER FORWARD OR BACK FOR DESIRED CUTTING HEIGHT
- C. RELEASE LEVER TOWARDS MOWER DECK

DRIVE CONTROL

THE ADJUSTMENT WHEEL IS LOCATED IN THE DRIVE CONTROL HANDLE HOUSING. YOU WILL NEED TO ADJUST THE DRIVE CONTROL IF THE MOWER DOES NOT PROCEED OR THE MOWER'S WHEELS HESITATE WITH THE DRIVE CONTROL ENGAGED. TURN THE ADJUSTMENT WHEEL CLOCKWISE TO TIGHTEN THE CABLE OR COUNTERCLOCKWISE TO LOOSEN IT.

CUTTING HEIGHT
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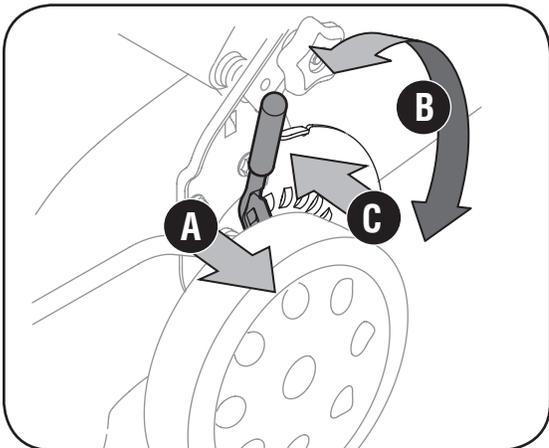


FIGURE 4 THE CUTTING HEIGHT

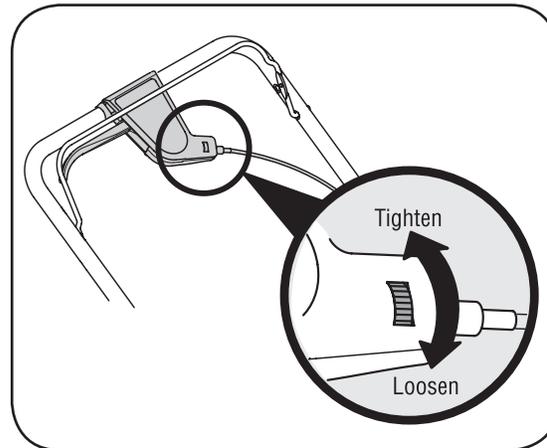


FIGURE 5 THE ADJUSTMENT WHEEL ON THE DRIVE C



7!2.) .'
 Never operate mower unless the hooks on the grass catcher are firmly seated on the pivot rod and the rear discharge door rests firmly against top of the grass catcher.

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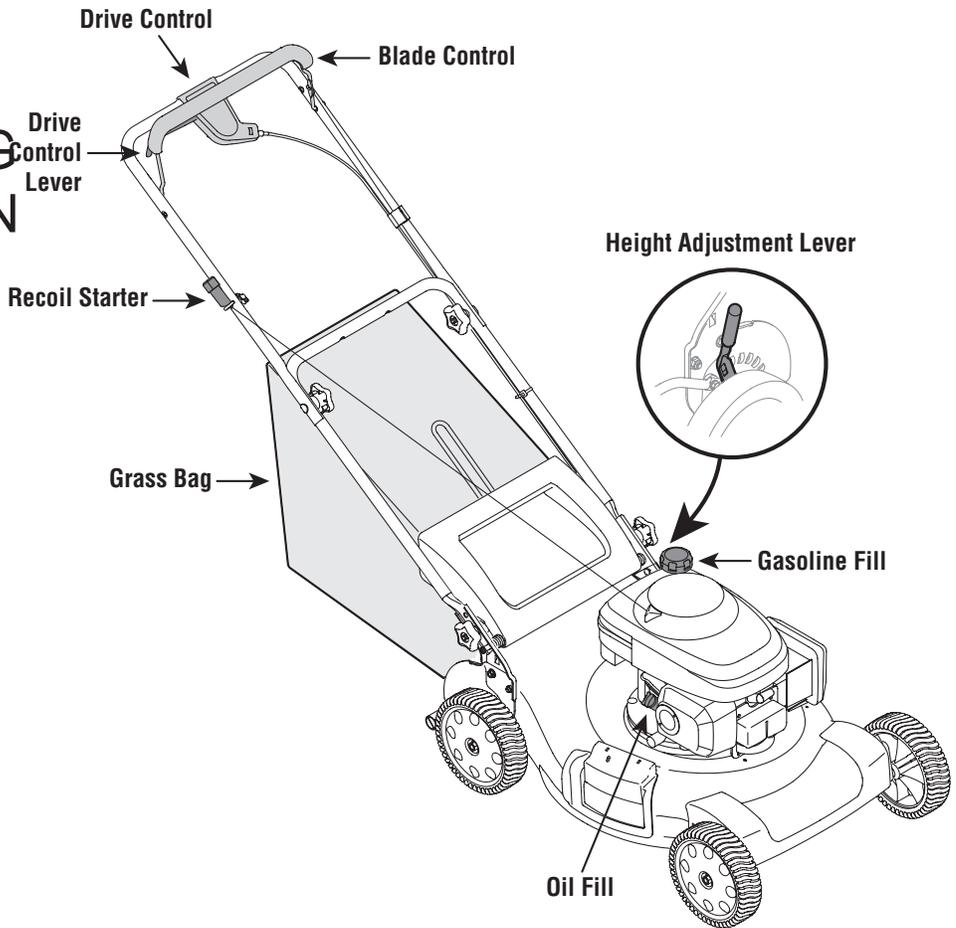


7!2.) .'

The blade control is a safety device. Never attempt to bypass its operations.

Use extreme care when handling gasoline. Gasoline is extremely flammable and the vapors are explosive. **Never fuel the machine indoors or while the engine is hot or running.** Extinguish cigarettes, cigars, pipes, and other sources of ignition.

Keep hands and feet away from the cutting deck. Refer to warning label on the unit.



& I G U R E 4 THE MAJOR PARTS ON THE LAWN MO

Now that you have set up your lawn mower for operation, read this section to become acquainted with its controls and features. This knowledge will allow you to use your new equipment to its fullest potential.

" LADE # ONTROL

The blade control is attached to the upper handle. Depress and squeeze it against the upper handle to operate the unit. Release it to stop engine and blade.



WARNING: This blade control is a safety device. Do not bypass its operations.

\$ RIVE # ONTROL ,EVER

The drive control is located on the upper handle. Squeeze the drive control lever to engage the drive system. Release it to disengage the drive system. To slow down when approaching an obstacle, making a turn, or stopping, release the lever.

UTTING (EIGHT !DJUSTMEN

The cutting height adjustment lever is located above the left rear wheel. To adjust the cutting height, refer to the Adjustment Section.

2 ECOIL 3TARTER

The recoil starter is attached to the right upper handle. Stand behind the unit and pull the recoil starter rope to start the unit.

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WARNING: Use extreme care when handling gasoline. Gasoline is extremely flammable and the vapors are explosive. **Never fuel the machine indoors or while the engine is hot or running.** Extinguish cigarettes, cigars, pipes, and other sources of ignition.



WARNING: The operation of any lawn mower can result in foreign objects being thrown into the eyes which can damage your eyes severely. Always wear safety glasses while operating the mower or while performing any adjustments or repairs on it.

3 STARTING ENGINE



WARNING: Be sure no one other than the operator is standing near the lawn mower while starting engine or operating mower. Never run engine indoors or in enclosed, poorly ventilated areas. Engine exhaust contains carbon monoxide, an odorless and deadly gas. Keep hands, feet, hair and loose clothing away from any moving parts on engine and lawn mower.

NOTE: Refer to the engine manual for help with engine related operations.

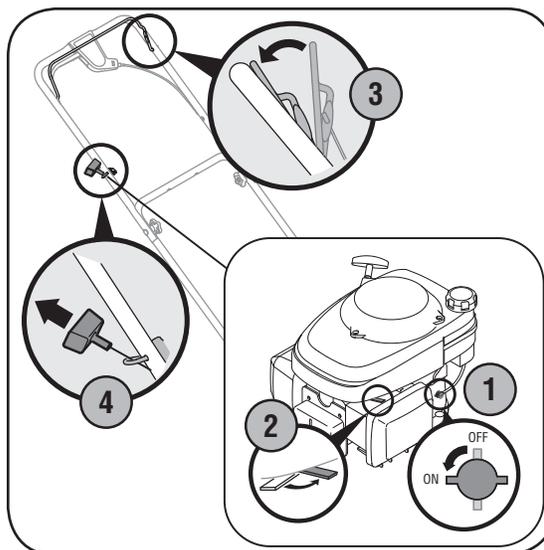


FIGURE 3 STARTING THE MOWER



WARNING: If you strike a foreign object, stop the engine. Remove wire from the spark plug, thoroughly inspect mower for any damage, and repair damage before restarting and operating. Extensive vibration of mower during operation is an indication of damage. The unit should be promptly inspected and repaired.



The operation of any lawn mower can result in foreign objects being thrown into the eyes, which can damage your eyes severely. Always wear safety glasses while operating the mower, or while performing any adjustments or repairs on it.

DO NOT CUT WET GRASS. Be sure no one other than the operator is standing near the lawn mower while starting engine or operating mower. Never run engine indoors or in enclosed, poorly ventilated areas. Engine exhaust contains carbon monoxide, an odorless and deadly gas. Keep hands, feet, hair and loose clothing away from any moving parts on engine and lawn mower.

PLACE THE FUEL VALVE LEVER TO THE ON POSITION. MOVE THE CHOKE LEVER ALL THE WAY BACKWARD INTO THE CHOKE POSITION. FIGURE 3

STANDING BEHIND THE MOWER, PRESS THE STARTER HANDLE AGAINST UPPER HANDLE. FIGURE 4 THE CHOKE WILL NOW BEGIN TO SLOWLY RETURN TO THE OFF POSITION. WHILE ACTIVATING THE BLADE CONTROL LEVER, STEP ONTO STEP FOUR BELOW. REFER TO THE ENGINE MANUAL FOR FURTHER DETAILS.

HOLDING THESE TWO HANDLES TOGETHER, PUSH DOWN ON STARTER HANDLE AND PULL ROPE OFF WITH A RAPID, CONCISE FULL ARM STROKE. FIGURE 5 THE STARTER HANDLE LET THE ROPE REWIND SLOWLY. REPEAT UNTIL ENGINE CRANKS. LET THE ROPE REWIND EACH TIME SLOWLY.

3 STOPPING ENGINE

RELEASE BLADE CONTROL TO STOP THE ENGINE. DISCONNECT SPARK PLUG WIRE FROM SPARK PLUG AND GROUND AGAINST THE ENGINE.



WARNING: Wait for the blade to stop completely before performing any work on the mower or to remove the grass catcher.

5 USING YOUR LAWN MOWER



WARNING: Never operate your mower without either the rear door or the entire grass catcher assembly firmly secured. BE SURE LAWN IS CLEAR OF STONES, STICKS, WIRE OR OTHER OBJECTS WHICH COULD DAMAGE LAWN MOWER OR ENGINE. SUCH OBJECTS COULD BE ACCIDENTALLY DISCHARGED BY MOWER IN ANY DIRECTION AND CAUSE SERIOUS PERSONAL INJURY TO OPERATOR AND OTHERS.

FOR EFFECTIVE MULCHING, DO NOT CUT WET GRASS. BE SURE NO ONE OTHER THAN THE OPERATOR IS STANDING NEAR THE LAWN MOWER WHILE STARTING ENGINE OR OPERATING MOWER. NEVER RUN ENGINE INDOORS OR IN ENCLOSED, POORLY VENTILATED AREAS. ENGINE EXHAUST CONTAINS CARBON MONOXIDE, AN ODORLESS AND DEADLY GAS. KEEP HANDS, FEET, HAIR AND LOOSE CLOTHING AWAY FROM ANY MOVING PARTS ON ENGINE AND LAWN MOWER.

FOR EFFECTIVE MULCHING, DO NOT CUT WET GRASS. BE SURE NO ONE OTHER THAN THE OPERATOR IS STANDING NEAR THE LAWN MOWER WHILE STARTING ENGINE OR OPERATING MOWER. NEVER RUN ENGINE INDOORS OR IN ENCLOSED, POORLY VENTILATED AREAS. ENGINE EXHAUST CONTAINS CARBON MONOXIDE, AN ODORLESS AND DEADLY GAS. KEEP HANDS, FEET, HAIR AND LOOSE CLOTHING AWAY FROM ANY MOVING PARTS ON ENGINE AND LAWN MOWER.

ATTACH GRASS CATCHER FOLLOWING INSTRUCTIONS. OPERATE MOWER WITH GRASS CATCHER ATTACHED. STOP ENGINE COMPLETELY. MAKE SURE THAT THE GRASS CATCHER IS COMPLETELY STOPPED. DISCHARGE BLOWER AND MOWER. REMOVE GRASS CLIPPINGS AND REINSTATE LAWN MOWER.

5

MAINTAINING YOUR LAWN MOWER



7!2.) .'

Always stop engine, disconnect spark plug, and ground against engine before cleaning, lubricating or doing any kind of maintenance on your machine.



DO NOT USE A PRESSURE WASHER OR GARDEN HOSE TO CLEAN YOUR UNIT. THIS CAN CAUSE DAMAGE TO THE ELECTRICAL COMPONENTS THAT HAVE BEEN SUBJECTED TO ORIGINAL PULLEYS BEARING OR THE ENGINE. THE USE OF WATER WILL RESULT IN SHORTENED LIFE AND REDUCE SERVICE LIFE OF ENGINE GOVERNOR.

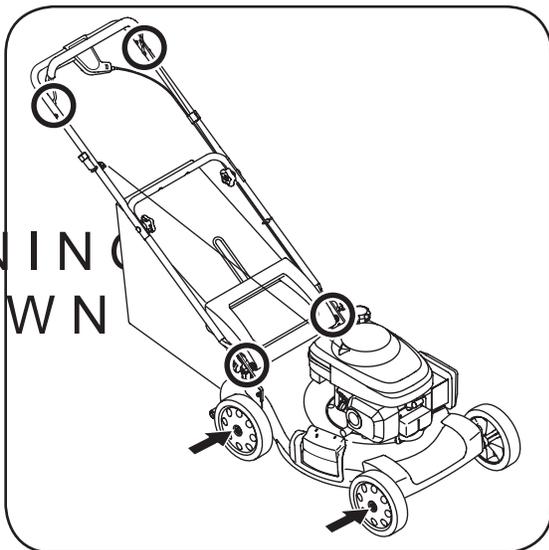


FIGURE 1 LUBRICATION AREAS

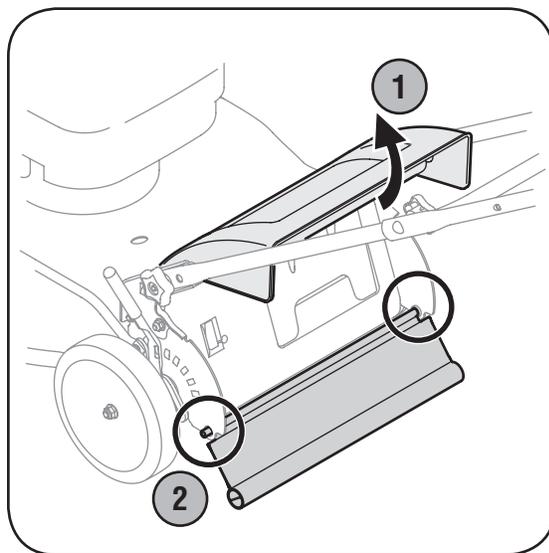


FIGURE 2 REPLACING THE REAR FLAP

NOTE: Refer to the engine manual for detailed instructions.

- MAINTAIN OIL LEVEL
- CLEAN AIR CLEANER EVERY 25 HOURS OR EVERY 2 WEEKS, WHICHEVER COMES FIRST. CLEAN OR REPLACE AIR CLEANER ELEMENTS IN DUSTY CONDITIONS.
- REPLACE AIR CLEANER EVERY 25 HOURS OR EVERY 2 WEEKS, WHICHEVER COMES FIRST. CLEAN OR REPLACE AIR CLEANER ELEMENTS IN DUSTY CONDITIONS.
- CLEAN DEBRIS FROM MOWER HOUSING REGULARLY WITH A BRUSH TO PREVENT PROPER AIR CIRCULATION.
- REPLACE REAR FLAP AND RELEASE TABS FROM THE HOLES IN THE REAR BOW BRACKETS.
- PERIODICALLY CHECK ALL FASTENERS AND MAKE SURE THEY ARE TIGHT.



WARNING: Always stop engine, disconnect spark plug, and ground against engine before servicing the unit.

LUBRICATION

LUBRICATE PIVOT POINTS ON THE MOWER ONCE A SEASON WITH LIGHT OIL TO OPERATE FREELY IN BOTH DIRECTIONS. LUBRICATE THE WHEELS AT LEAST ONCE A SEASON WITH LIGHT OIL OR MOTOR OIL. REASON: LUBRICATE SURFACE OF THE WHEEL WITH LIGHT OIL. LUBRICATE THE TORSION SPRING ON THE DISCHARGE DOOR PERIODICALLY TO PREVENT RUST. FIGURE 1. THE TRANSMISSION IS PRE-LUBRICATED AT THE FACTORY AND DOES NOT REQUIRE LUBRICATION. FOLLOW THE ACCOMPANYING LUBRICATION SCHEDULE AND INSTRUCTIONS.



WARNING: Never tip the mower more than 90° in any direction and do not leave the mower tipped for any length of time. Oil can drain into the upper part of the engine causing a starting problem.

SCRAPE AND CLEAN THE UNDERBELLY OF THE MOWER WITH A SUITABLE TOOL. DO NOT SPRAY WATER ON THE MOWER BACK ON ITS SIDE. YOU HAD PUT PLASTIC UNDER IT. BE SURE TO REMOVE IT NOW.

ENGINE CARE

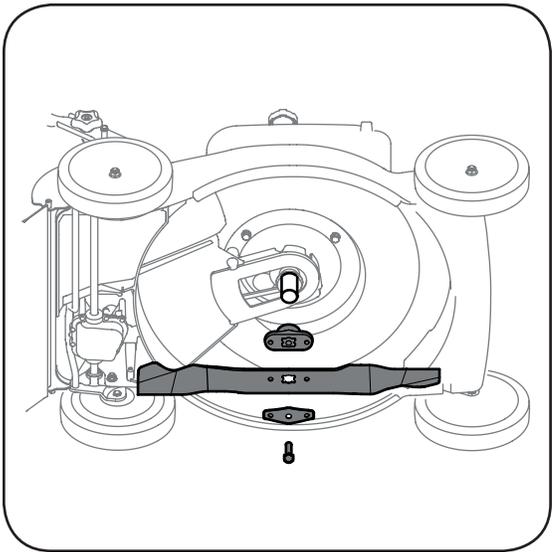


FIGURE 2 REMOVE BOLT BELL SUPPORT ADAPTER FROM THE ENGINE CRANKSHAFT, & GAIN ACCESS TO THE BLADE

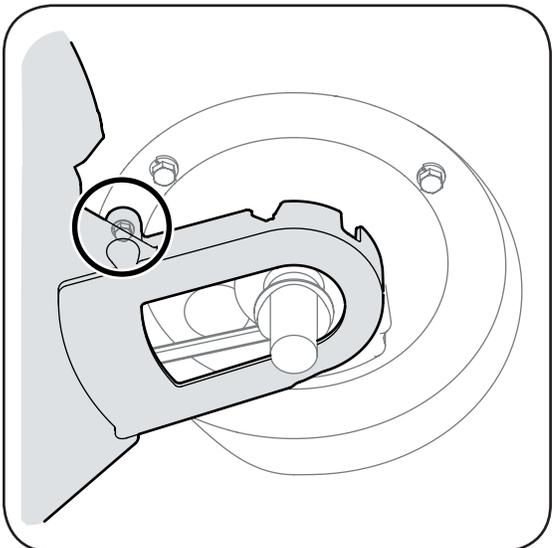


FIGURE 3 LOOSEN THE SCREW THAT HOLDS DECK BAFME ONTO DECK

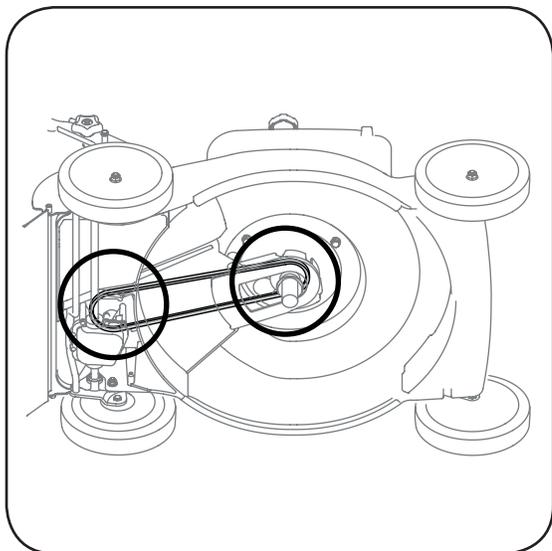


FIGURE 4 REMOVE BELT FROM TRANSMISSION AND ENGINE PULLEY

"LADE #ARE



WARNING: When removing cutting blade for sharpening or replacement, protect your hands with a pair of heavy gloves or use a heavy rag to hold blade.

DISCONNECT SPARK PLUG WIRE FROM SPARK MOWER ON ITS SIDE MAKING SURE THAT THE AIR FILTER AND CARBURETOR ARE UP

REMOVE BOLT BLADE BELL SUPPORT ADAPTER FROM THE ENGINE CRANKSHAFT, & GAIN ACCESS TO THE BLADE

NOTE WHEN REMOVING THE BLADE BELL SUPPORT ADAPTER BE CAREFUL NOT TO REMOVE OR LOSE PARTS ABOVE THE ENGINE PULLEY

THE BLADE CAN BE SHARPENED WITH A FILE OR GRINDING WHEEL SO NOT ATTEMPT TO SHARPEN THE BLADE WITH A FILE OR GRINDING WHEEL. WHEN SHARPENING THE BLADE, KEEP ORIGINAL ANGLE OF GRIND. KEEP BLADE BALANCED

REMOVE BLADE FROM THE ADAPTER. TEST BALANCE THE BLADE ON A ROUND SHAFT, SCREW OR NAIL. REMOVE METAL FROM THE HEAVY SIDE UNTIL IT BALANCES EVENLY



WARNING: An unbalanced blade will cause excessive vibration when rotating at high speeds. It may cause damage to mower, and could break causing personal injury.

LUBRICATE THE ENGINE CRANKSHAFT AND THE BLADE ADAPTER WITH OIL. SLIDE BLADE ADAPTER ONTO THE ENGINE CRANKSHAFT. MAKE SURE THE BLADE IS ALIGNED AND SEATED PROPERLY

PLACE BLADE BELL SUPPORT ON THE BLADE BELL SUPPORT. REPLACE HEX BOLT AND TIGHTEN HEX BOLT TO 100 IN LBS MIN TO 120 IN LBS MAX

40 ENSURE SAFE OPERATION OF YOUR MOWER. CHECK THE BLADE BOLT FOR CORRECT TORQUE

"ELT #ARE

DISCONNECT THE SPARK PLUG WIRE AND GROUND THE ENGINE

RAIN THE FUEL TANK OR PLACE A PIECE OF TAPE OVER THE CAP TO PREVENT GASOLINE LEAKAGE

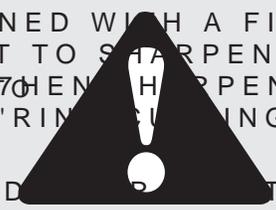
41P MOWER ON ITS SIDE AIR CLEANER SIDE ON

REMOVE BLADE ADAPTER AND RELATED HARDWARE. INSTRUCTED UNDER "LADE #AREv ABOVE

LOOSEN SELF TAPPING SCREW THAT SECURES THE DECK FIGURE 5

5

MAINTAIN YOUR MOWER



When removing the cutting blade for sharpening or replacement or when sliding the bell around it, protect your hands with a pair of heavy gloves or use a heavy rag to hold the blade.

An unbalanced blade will cause excessive vibration when rotating at high speeds. It may cause damage to mower, and could break causing personal injury.

5

MAINTAINING
YOUR LAWN
MOWER



1.4% THEN REPLACE IT WITH A NEW ONE IF THE BELT CHECK THAT THE NEWLY INSTALLED BELT IS SEATED CORRECTLY AND IS RIDING SMOOTHLY ON THE ENGINE PULLEY

WORKING FROM THE REAR OF THE MOWER TO FULLY REMOVE BELT FROM TRANSMISSION PULLEY. STEPS SHOULD BE TAKEN SINCE BELT IS OFF TRANSMISSION PULLEY TO FRESH DOWN ON DECK BAFFLE TO ACCESS ENGINE PULLEY AND UNDO CALIEM DRIVE OFF THIS PULLEY AND OUT FROM UNDER THE DECK. REFER TO THE INSTRUCTIONS.

2. REPLACE WITH NEW BELT WORKING FROM THE REAR OF THE MOWER AND BAFFLE FIRST AROUND THE TRANSMISSION PULLEY AND THEN THE ENGINE PULLEY. REFER TO ENGINE MANUAL FOR STORAGE INSTRUCTIONS.

NOTE: MAKE CERTAIN THAT BELT IS SEATED CORRECTLY AND THAT IT IS RIDING SMOOTHLY ON THE ENGINE PULLEY AND IS NOT PINCHED BETWEEN THE LOWER AND UPPER PULLEYS. AVOID CORROSIVE MATERIALS SUCH AS FERTILIZERS AND PESTICIDES. ALWAYS STORE LAWN MOWER IN A VENTILATED OR METAL STORAGE AREA. RUST-PROOF THE EQUIPMENT ESPECIALLY IN THE EQUIPMENT CARE SECTION.

4. TIGHTEN SELF TAPPING SCREW SECURING DECK BAFFLE IF LOOSENED EARLIER. THEN STORING ANY TYPE OF POWER TOOL OR EQUIPMENT IN A VENTILATED OR METAL STORAGE AREA. RUST-PROOF THE EQUIPMENT ESPECIALLY IN THE EQUIPMENT CARE SECTION.

2. REPLACE BLADE BLADE ADAPTER AND ASSOCIATED HARDWARE & FOLLOW INSTRUCTIONS IN "LAWN CARE" SECTION OF THE EQUIPMENT CARE SECTION. YOUR LAWN MOWER BEFORE STORAGE. REMOVE PIECE OF PLASTIC FROM UNDER GAS CAP IF APPLICABLE.

For Parts Call 606-678-9623 or 606-561-4983

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www.mymowerparts.com

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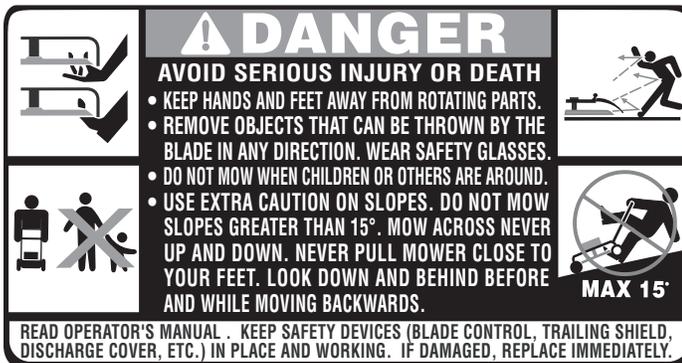
4 PROBLEMS 3 SHOOTING



For repairs beyond the minor adjustments listed here, contact an authorized service dealer.

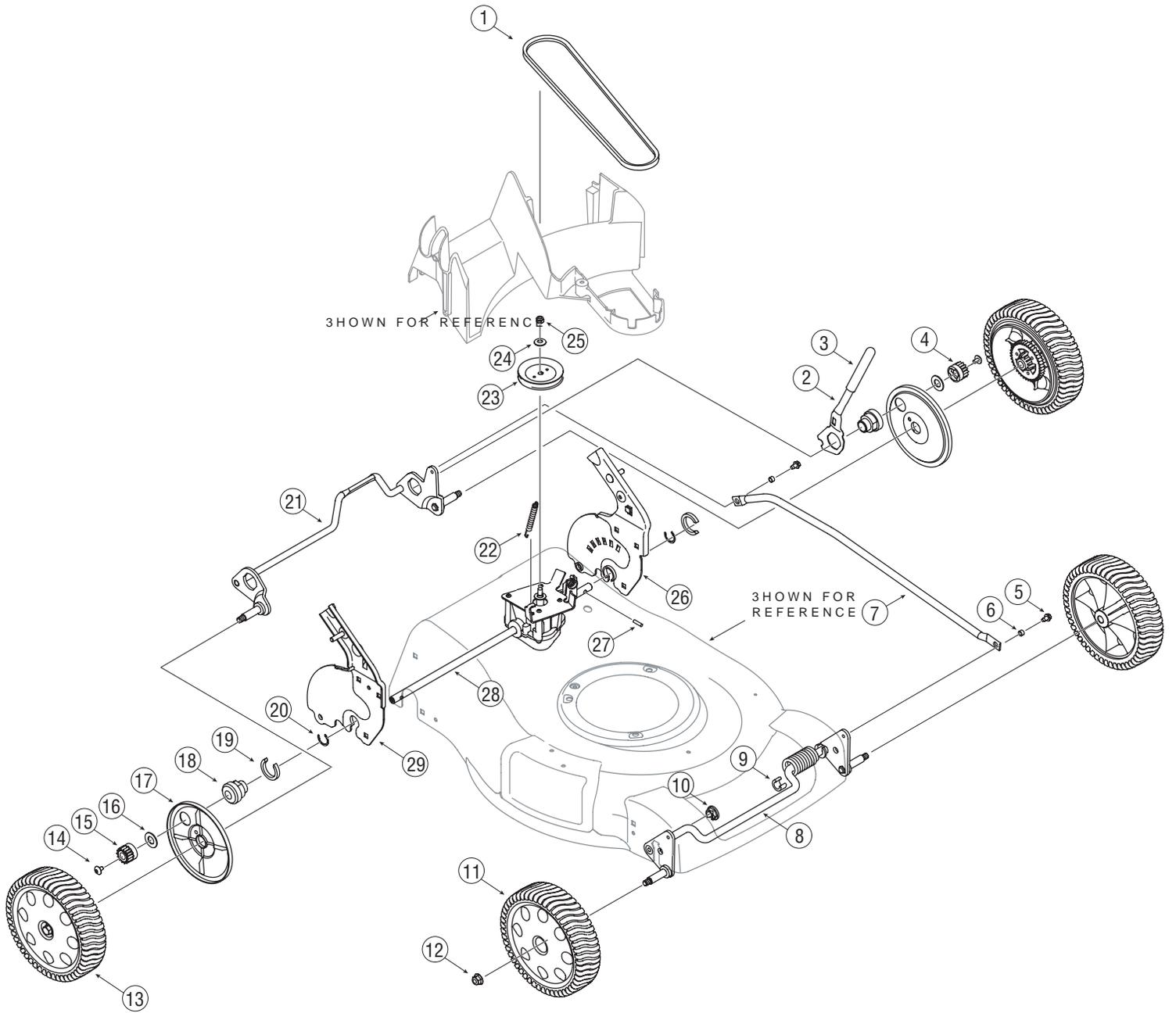
PROBLEM	CAUSE	REMEDY
ENGINE FAILS TO START	1. CONTROL DISCONNECT WIRE TO SPARK PLUG WIRE DISCONNECTED 2. FUEL TANK EMPTY OR STALE FUEL 3. ENGINE NOT PRIMED 4. FAULTY SPARK PLUG 5. LOCKED FUEL LINE 6. ENGINE FLOODED	1. RECONNECT WIRE TO SPARK PLUG 2. FILL TANK WITH CLEAN FRESH GASOLINE 3. PRIME ENGINE AS INSTRUCTED IN OWNER'S MANUAL 4. LEAN ADJUST GAP OR CLEAN FUEL LINE 5. WAIT A FEW MINUTES TO REPRIME ENGINE
ENGINE RUNS ERRATICALLY	1. SPARK WIRE LOOSE 2. LOCKED FUEL LINE OR STALE FUEL 3. DEBRIS IN GAS CAP PLUGGED 4. WATER OR DIRT IN FUEL SYSTEM 5. DIRTY AIR CLEANER 6. CARBURETOR OUT OF ADJUSTMENT	1. CONNECT AND TIGHTEN WIRE 2. CLEAN FUEL LINE AND FRESH GASOLINE 3. CLEAR VENT 4. CLEAN FUEL TANK 5. REFER TO ENGINE MANUAL 6. ADJUST ENGINE
ENGINE OVERHEATS	1. OIL LEVEL LOW 2. AIR FLOW RESTRICTED 3. CARBURETOR NOT ADJUSTED	1. FILL CRANKCASE WITH OIL 2. REMOVE BLOWER HOUSING AND CLEAN 3. REFER TO ENGINE MANUAL
ENGINE OCCASIONALLY SKIPS, HESITATES OR STALLS AT HIGH SPEED	1. SPARK PLUG GAP TOO CLOSE 2. CARBURETOR IDLE MIXTURE FAULTY 3. AIR FILTER Clogged 4. IMPROPERLY SET	1. ADJUST GAP TO .015" 2. REFER TO ENGINE MANUAL 3. CLEAN AIR FILTER
ENGINE IDLES POORLY	1. SPARK PLUG FOULED 2. GAP TOO WIDE 3. CARBURETOR IMPROPERLY ADJUSTED 4. DIRTY AIR CLEANER	1. CLEAN OR REPLACE SPARK PLUG 2. ADJUST GAP TO .015" 3. REFER TO ENGINE MANUAL 4. CLEAN AIR CLEANER
EXCESSIVE VIBRATION	1. CUTTING BLADE LOOSE 2. DENT CUTTING BLADE	1. TIGHTEN BLADE AND ADJUST SCREWS 2. SEE AN AUTHORIZED SERVICE DEALER
MOWER WILL NOT MULCH GRASS IF EQUIPPED	1. NOT GRASS 2. EXCESSIVELY HIGH 3. DULL BLADE	1. DO NOT MOW WHEN GRASS IS TOO LONG 2. WAIT UNTIL LATER TO CUT 3. MOW ONCE AT A HIGH CUTTING HEIGHT 4. THEN MOW AGAIN AT DESIRED CUTTING HEIGHT 5. MAKE A NARROWER CUTTING WIDTH 6. SHARPEN OR REPLACE BLADE
MOWER DOES NOT CUT EVENLY	1. WHEELS NOT POSITIONED CORRECTLY 2. DULL BLADE	1. CHECK ALL FOUR WHEELS FOR CORRECT HEIGHT POSITION 2. SHARPEN OR REPLACE BLADE
MOWER WILL NOT SELF PROPEL	1. NOT INSTALLED 2. DEBRIS CLOGGING DRIVE 3. DAMAGED OR WORN BELT	1. CHECK BELT FOR PROPER TENSION AND MOVEMENT 2. OPERATE MOWER DISCONNECT DRIVE WIRE AND CLEAN OUT DRIVE HOUSING 3. INSPECT AND REPLACE BELT

SAFETY LABELS & SOUND / IN YOUR OWN



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DO NOT remove safety (or any) labels from mower for any reason.



	6 "ELT	
	3PRING ,EVER	
	&OAM 'RIP	
	!3PUR 'EAR 4 , (
	44 3CREW X	
	!3PACER	
	#ROSS "RACKET	
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	#LIP 3PACER	
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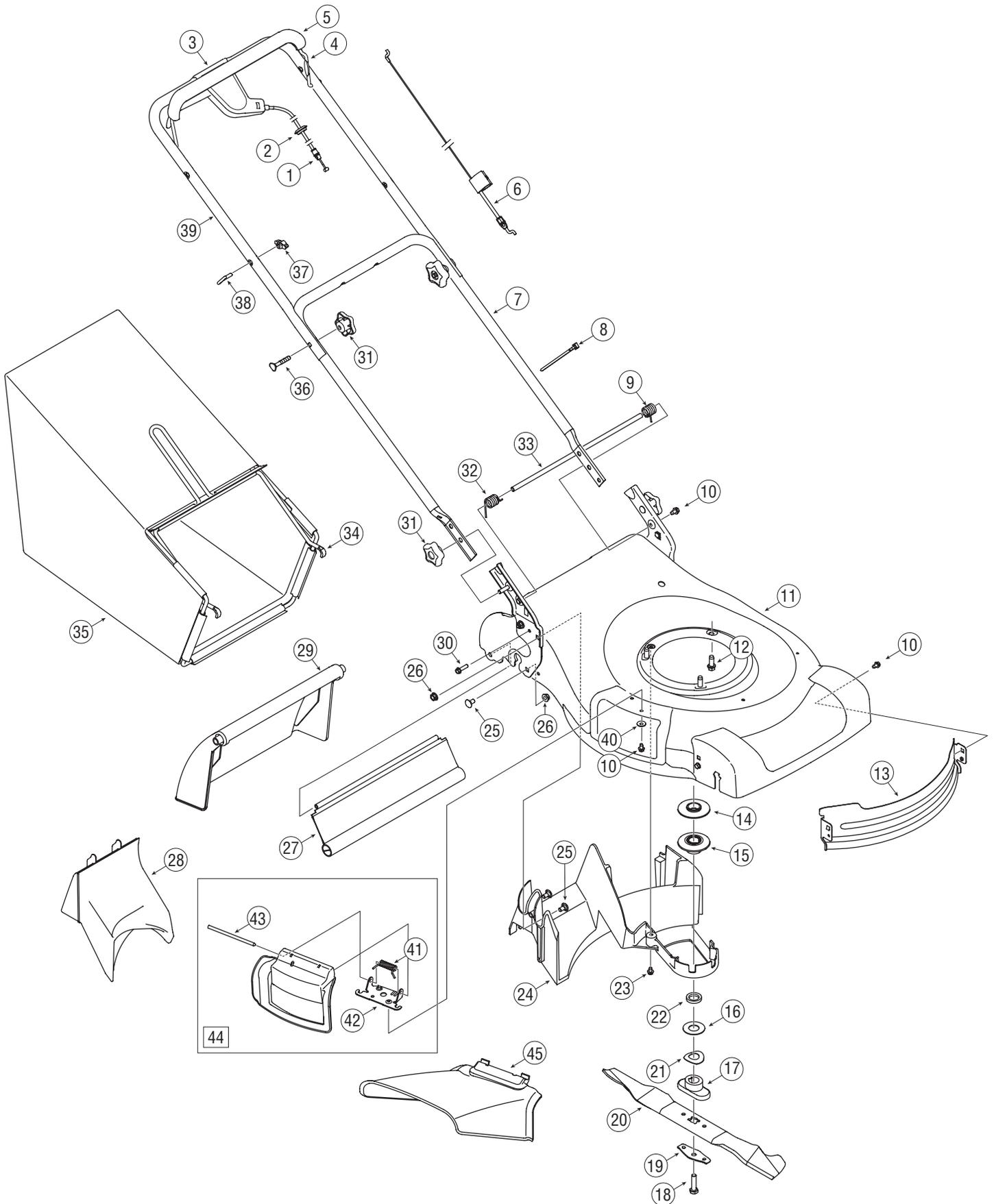


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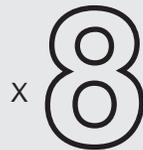


To order replacement parts, call 1-800-648-6776 or visit www.troybilt.com

IMPORTANT: For a proper working machine, use Factory Approved Parts. V-BELTS are specially designed to engage and disengage safely. A substitute (non-OEM) V-Belt can be dangerous by not disengaging completely.



	!\$RIVE #ABLE			\$ECK "AFFLE
	2UBBER 'ROMMET			! #ARRIAGE "OLT
	!\$RIVE #ONTROL !SSEMBLY			&LANGE ,OCK .UT
	! "LADE #ONTROL			4RAILSHIELD
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To order replacement parts, call 1-800-648-6776 or visit www.troybilt.com

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THE LIMITED WARRANTY SET FORTH BELOW IS GIVEN BY DORSON OIL TEX, NEW DORSET, NEW HAMPSHIRE TO NEW MERCHANDISE PURCHASED AND USED IN THE UNITED STATES AND POSSESSIONS AND TERRITORIES TERRITORIES EXCEPT THOSE SOLD

TROY-BILT WARRANTS THIS PRODUCT AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF TWO YEARS COMMENCING ON THE DATE OF ORIGINAL PURCHASE AND WILL AT ITS OPTION REPAIR OR REPLACE FREE OF CHARGE AND

SHALL ONLY APPLY IF THIS PRODUCT IS USED IN ACCORDANCE WITH THE OPERATOR'S MANUAL AND HAS NOT BEEN SUBJECT TO MISUSE, IMPROPER MAINTENANCE, ALTERATION, OR BECAUSE OF OTHER PERIL OR NATURAL INSTALLATION OR USE OF ANY PART OF THE PRODUCT FOR USE WITH THE PRODUCT AS SET FORTH ABOVE. THIS MANUAL WILL VOID WARRANTY AS TO ANY RESULTING DAMAGE.

NORMAL WEAR PARTS ARE WARRANTED FOR A PERIOD OF THIRTY DAYS FOR WORKMANSHIP FOR A PERIOD OF THIRTY DAYS. NORMAL WEAR PARTS INCLUDE BUT ARE NOT LIMITED TO BELTS, BLADES, BLADE ADAPTERS, GRASS COLLECTORS, BATTERY CHARGERS, EATS THROWER, SKID SHOES, SHAVE PLATE, SPRAYER, SPIRAL RUBBER AND TIRES.

HOW TO OBTAIN SERVICE: WARRANTY SERVICE IS AVAILABLE THROUGH YOUR LOCAL DEALER TO LOCATE THE DEALER IN YOUR AREA OR CONTACT TROY-BILT AT 606-678-9623 OR VISIT WWW.TROYBILT.COM

- A THE ENGINE OR COMPONENT PARTS CARRY A SEPARATE MANUFACTURER'S WARRANTY FOR TERMS AND CONDITIONS AS SET FORTH BY THE MANUFACTURER.
- B LOG SPLITTER PUMPS, VALVES AND CYLINDERS HAVE A SEPARATE ONE-YEAR WARRANTY.
- C ROUTINE MAINTENANCE ITEMS SUCH AS OIL CHANGES, LUBRICANTS, FILTERS, SHARPENING, TUNE UPS, BRAKE ADJUSTMENTS, CLUTCH ADJUSTMENTS, DECK ADJUSTMENTS AND NORMAL WEAR ITEMS ARE NOT COVERED BY THIS WARRANTY.
- D SERVICE COMPLETED BY SOMEONE OTHER THAN AN AUTHORIZED SERVICE DEALER.

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