

500282

FOR YOUR RECORDS

Date of Purchase/	 		
Dealer's Name			
Dealer's Phone	 	***	
Serial Number-Machine			
Serial Number-Engine			

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DEWEZE MANUFACTURING, INC. WARRANTY POLICY

STATEMENT OF WARRANTY

DewEze Mfg., Inc. warrants to each purchaser of new DewEze equipment from an authorized dealer or representative, that such equipment to be free from manufacturing defects in normal service for a period of ONE YEAR, commencing with delivery to the original user.

The obligation of DewEze Mfg., Inc. under this warranty is expressly limited to our option, to replacement or repair at a service facility designated by DewEze or at the manufacturing plant in Harper, Kansas, of such part or parts as inspection shall disclose to have been defective. This warranty does not apply to defects caused by damage or unreasonable use (including failure to proved reasonable and necessary maintenance), or to tires, belts, blades, lights, or other normal maintenance items while in the possession of the consumer.

DewEze Mfg., Inc., makes no warranty with respect to trade accessories. They are subject to the warranties of their respective manufacturers.

The engine is subject to the factory warranty as outlined in the engine OWNER'S MANUAL and must be serviced by an authorized engine service facility.

ANY IMPLIED OR STATUTORY WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. DewEze Mfg., Inc. makes no other express warranty, nor is anyone authorized to make any on behalf of DewEze Mfg., Inc.

For information on warranty procedures please contact your nearest dealer.

INTRODUCTION

TO THE DEWEZE ATM70c (ALL TERRAIN MOWER) OWNER OR OPERATOR:

It is important that you take the time to read this manual carefully before operating the machine. You should be familiar with all safety precautions and operating and service procedures. Operator knowledge and familiarity will make a difference in how the machine will perform.

This OWNER'S MANUAL was written to help you realize the full benefits of the machine and to help you maintain it so it will give you long and productive service.

The objective of DewEze Manufacturing in the design of the ATM 70c was to create a mowing machine which can function safely and comfortably on slopes and inclines. The result is a mowing machine which will automatically adjust itself to keep the operator in a vertical position on all slopes up to 30 degrees.

If you have any questions that are not covered in this manual, please feel free to contact your nearest dealer.

REGARDING PRODUCT CHANGES:

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Following publication of this manual certain changes in standard equipment and options may have occured which would not be included in these pages. Your DewEze dealer is the best source for up to date information.

DewEze Mfg.,Inc. reserves the right to change product specifications at any time without incurring obligation to provide such updates to previously manufactured units.

DEWEZE MANUFACTURING, INC. Rt. 2, Box 78 Harper, KS. 67058

Phone: 800-835-1042 (out of state)

316-896-7381 (in Kansas)

Fax: 316-896-7129

!!! WARNING !!!

DO NOT OPERATE THIS MACHINE UNTIL YOU HAVE READ AND UNDERSTOOD THIS OPERATOR'S MANUAL

- 1. Never allow persons without proper instruction or children to operate the machine.
- 2. Wear Seat Belt at all times when operating a machine with roll over protection.
- 3. Never carry passengers.
- 4. Never direct discharge of material from the mower deck toward bystanders.
- 5. If leveling system malfunctions, turn down hill, proceed slowly to level ground and stop machine.
- 6. Never drive on a hill that is steeper than 30 degrees.
- 7. Before making repairs, maintenance, or adjustment, turn blade clutch to OFF. Turn the engine OFF. Remove the ignition key.
- 8. Before dismounting, turn off blades. Put foot control in neutral position and set parking brake. Stop engine and remove ignition key.
- 9. Relieve all pressure in the hydraulic system before disconnecting or working on hydraulic lines.
- 10. Keep all shields in place during machine operation.
- 11. Do not place hands or feet under deck.
- 12. Do not fill fuel tank while engine is running, or hot.
- 13. Place block under deck for support before performing maintenance on mower blades with deck raised.
- 14. Slow down when turning downhill. Fast turns may not allow leveling system to function properly.
- 15. Safety decals must be replaced on machine if missing or illegible. Safety decals are available free of charge from DewEze.

!!! WARNING !!!
SLOW DOWN WHEN TURNING ON A HILL.
FAST TURNS MAY NOT ALLOW LEVELING
SYSTEM TO FUNCTION PROPERLY. AUTO
LEVEL WILL NOT WORK IF STEERING WHEEL
IS HELD AGAINST STOP DURING EXTREME
LEFT OR RIGHT TURN.

!!! DANGER !!!
TO AVOID PERSONAL INJURY, BEFORE
LEAVING THE SEAT, ALWAYS:
TURN BLADE SWITCH OFF.
RETURN FOOT CONTROL TO NEUTRAL.
SHUT OFF ENGINE.

PRE-START INSTRUCTIONS

BEFORE STARTING: Be sure the engine is properly filled with oil and fuel.

CRANKCASE OIL: Fill the crankcase with an oil that meets the API (American Petroleum Institute) service designation CE/SF. Do not mix brands or grades of motor oil. Recommended oil viscosity for expected temperatures are listed in the service schedule on page 10.

!!! DANGER !!!
DO NOT REMOVE THE DIPSTICK WHILE THE
ENGINE IS RUNNING. OIL MAY BLOW OUT
THE FILL TUBE CAUSIING INJURY.

HYDRAULIC OIL: Make sure that the hydraulic oil in the reservoir is at the proper level on dipstick. If not, fill with HD15-40 or HD10-40 motor oil. (HD15-40 SUPPLIED FROM FACTORY)

RECOMMENDED FUEL: Use clean, fresh, regular grade unleaded gasoline with an octane rating of 87 or higher. Using unleaded gasoline results in less engine maintenance. Avoid using fuel that has any alcohol content. Refer to the engine manufacturer's manual for further information on fuel.

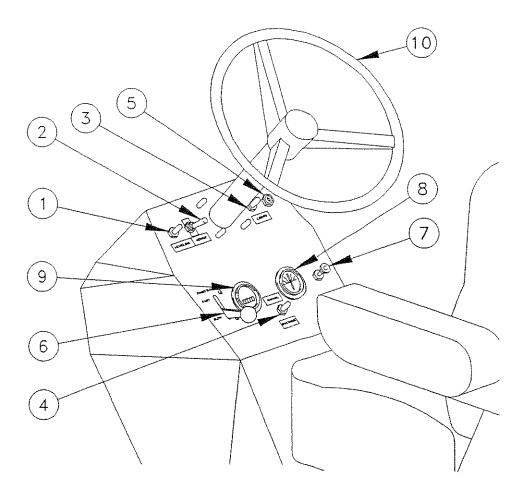
NOTE: If leaded gasoline is used continually, carbon and lead deposits must be removed from the cylinder heads as required because of engine power loss. Unleaded gasoline may be used safely after the lead deposits have been removed.

!!! WARNING !!!
AVOID POTENTIAL EXPLOSIONS! NEVER FILL
THE FUEL TANK WHILE THE ENGINE IS
RUNNING!

INSPECTION: Inspect the engine visually before starting. Check for loose or missing parts and any damage that may have occurred in shipment.

!!! IMPORTANT !!!
CHECK FOR SIGNS OF LOOSE BOLTS, BELTS,
AND HOSES AFTER ONE HOUR AND DAILY
THEREAFTER.

OPERATING CONTROLS



ITEM DESCRIPTION

- Leveling Switch Blade Switch Light Switch Manual Override Switch 4. 5.
- Ignition Switch
- 6. Throffle
- 7. Choke
- 8. Ammeter
- Hour Meter 9.
- 10. Steering Wheel

DRIVING THE DEWEZE ATM72

Driving the DEWEZE ATM72 with the automatic leveling device will be a new and different experience. After several minutes of driving, the smooth control and sturdy feel will become comfortable to you. The security of always sitting upright, and the feel of powerful, positive traction will give you confidence and comfort in most mowing situations. We urge EXTREME CAUTION lest your confidence in these features get you in trouble. REMEMBER: The features of the machine cannot replace good common sense!

SOME GUIDELINES:

- 1. Take some time to get used to the handling characteristics of the machine.
- 2. Always look before backing up.
- 3. SLOW DOWN over rough terrain.
- 4. DO NOT make sharp turns at high speeds.
- 5. Always keep your feet on the foot-rests while operating the machine.
- 6. Never attempt to operate the machine when it is malfunctioning.
- 7. Never attempt to climb slopes greater than 30 degrees.
- 8. If it is necessary to park the mower on a hill, be sure to USE THE PARKING BRAKE AND CHOCK THE WHEELS!
- 9. Wear appropriate, protective clothing while operating the mower.
- 10. NEVER ALLOW PEOPLE IN THE AREA YOU ARE MOWING!
- 11. Always avoid mowing over debris that could be projected from the mower discharge or do damage to the machine or anything in the area.
- 12. FOR BEST RESULTS OPERATE THE MOWER ENGINE AT FULL THROTTLE. This will allow the blades to turn at optimum speed, and the leveling device to be the most responsive. Forward speed is easily controlled with the foot control pedal.
- 13. Slow down when turning on a hill. Fast turns may not allow the leveling system to function properly. Auto level will not work if steering wheel is held against stop during extreme left or right turns.
- 14. Before dismounting, turn off blades. Place foot control in neutral position and set parking brake. Stop engine and remove ignition key.

OPERATING TIPS

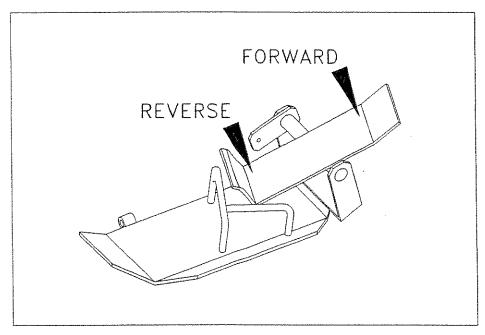
- 1. READ SAFETY DECALS.
- 2. ALWAYS CHECK ENGINE OIL AND HYDRAULIC OIL LEVELS BEFORE STARTING.
- 3. MAKE SURE YOU HAVE PLENTY OF FUEL.
- 4. VISUALLY CHECK TIRES.
- 5. ADJUST SEAT TO COMFORTABLE POSITION.
- 6. ALWAYS USE GOOD JUDGEMENT WHEN USING THIS MACHINE.

OPERATING INSTRUCTIONS

STARTING:

- 1. Put foot control in neutral position.
- 2. Turn all electrical switches to the OFF position.
- 3. Move throttle forward about 1/3.
- 4. Turn switch to HEAT position for 30 seconds if temperature is below 40 degrees.
- 5. Turn the key all the way to the right until the engine starts, then release key.
- 6. In cold weather, run engine long enough to allow the hydraulic oil to warm up before using the mower.
- To move forward -- push toe of foot control forward.
 To move backward -- push heel of foot control down.
- 8. To STOP move the foot control to neutral position.

CAUTION: ALWAYS MOVE FOOT CONTROL GRADUALLY!



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IMPORTANT: CHECK FOR SIGNS OF LOOSE BOLTS, BELTS, HOSES AND OTHER COMPONENTS AFTER ONE HOUR OF OPERATION AND DAILY THEREAFTER.

MOWER DECK SERVICE

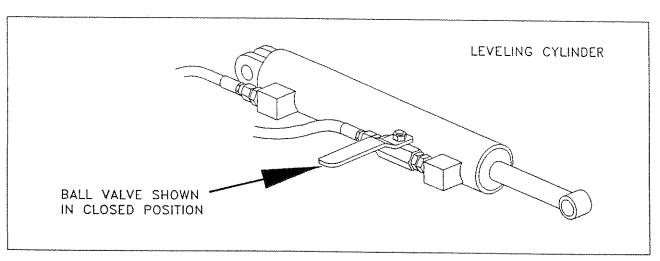
The DEWEZE ATM70c is equipped with a leveling system override. This override allows you to raise the mower decks without the need for jacks. It eliminates the need to crawl under the machine for blade and deck maintenance.

TO RAISE DECK:

- 1. Move foot control to neutral and make sure that the switch for the mower blades (item 2, page 4) is in the OFF position.
- 2. Set parking brake located on right side of seat.
- 3. Start engine with throttle at idle.
- 4. Turn the leveling switch (item 1) to the OFF position.
- 5. Dismount the tractor.
- 6. Push the override switch (item 4) in the direction you want tractor to lean, away from the deck you wish to raise. Hold switch until the tractor lays completely over.
- 7. Release the switch and close the ball valve on the leveling cylinder opposite of the deck to raise (refer to drawing below).
- 8. Push the same override switch (item 4) in the opposite direction from instruction 6. Hold switch until deck raises all the way up.
- 9. TURN ENGINE OFF!

TO LOWER DECK:

- 1. Open the same valve that you closed previously and the deck will lower.
- 2. After deck has lowered, with the foot control in neutral position, start the engine.
- 3. Turn the leveling switch (item 1) to the ON position: mower will return to the upright position.
- 4. Release the parking brake.

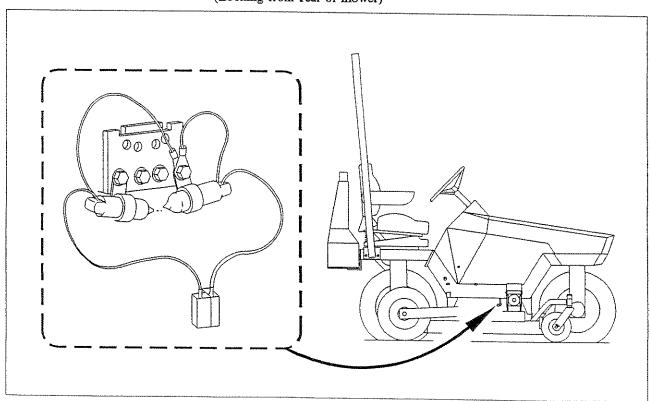


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PROCEDURE FOR ATM72 LEVELING ADJUSTMENT

- 1. Make sure the mower is set up for level cut and is on level ground.
- 2. Remove mercury switch cover.
- 3. Start engine and push throttle control to full open.
- 4. Turn leveling switch (Item 1, page 4) to ON position.
- 5. Hold Manual Override Switch (Item 4, page 4) to the left until tractor is leaning fully to the left. Release switch.
- 6. If tractor does not return to upright, loosen mounting bolt on the LEFT mercury switch. Move outer end of the LEFT mercury switch DOWN slightly. Repeat Step 6 and adjust mercury switch until tractor returns to upright. Tighten mounting bolt.
- 7. If tractor returns past upright, loosen mounting bolt on the LEFT mercury switch. Move outer end of the LEFT mercury switch UP slightly. Repeat Step 6 and adjust mercury switch until tractor stops at upright. Tighten mounting bolt.
- 8. Repeat the above procedures, tilting tractor to the RIGHT, and adjusting the RIGHT mercury switch.
- 9. If tractor continues to move left and right after returning to upright, move the outer end of BOTH mercury switches UP slightly and repeat the above adjusting procedures.

MERCURY SWITCHES (Looking from rear of mower)



SERVICE SCHEDULE

DAILY

1.	Check fuel level U	Jse regular grade unleaded fuel.
2.	Check engine oil levelU	se HD15W40
3.	Check hydraulic oil level U	Jse 15W40 or 10W40 motor oil.
	Clean engine air Upre-filter	Ise warm soapy water and rinse.
5.		telts, bolts, fittings, hoses and accumulator (for signs of leaks or looseness); engine (for signs of obstruction of air cooling and excess dirt).
6.	etc.). If signs occur STOP IM	signs of hydraulic malfunction (excessive noise, sluggish control response, MEDIATELY or serious damage to hydraulic components could occur! ydraulic function check the hydraulic oil level. Change hydraulic oil filter and
	25 HOUR SERVICE - TI	HE FOLLOWING AND ALL PREVIOUS ITEMS
1.	. Change engine oil	Use HD15W40 (Capacity - 2 Qts. with filter)
2.		Remove excess dirt and debris which restricts air flow. Keep air filter assembly tight.
3.	. Check battery water ————Flevel.	Refill if necessary.
4.	. Check splitter gear) box	Fill with 90 weight gear lube.
5.	. Check outer gear boxes	Fill with 90 weight gear lube.
6.	. Visually inspect	Bolts, hoses, and fittings for signs of loosening.
7.	. Lubrication	Grease front casters, caster swivels, steering mechanism, and blade shafts.
8.	-	Front, rear drive tires 9 to 11 lbs. Stabilizer tires 50 lbs. Front caster tires 60 lbs.
9.	. U-joints	Grease joints. Make sure guards are in place.

KEEP BLADES SHARP AT ALL TIMES

SERVICE SCHEDULES (cont.)

ANNUAL SERVICE SCHEDULE - THE FOLLOWING PLUS ALL PREVIOUS ITEMS

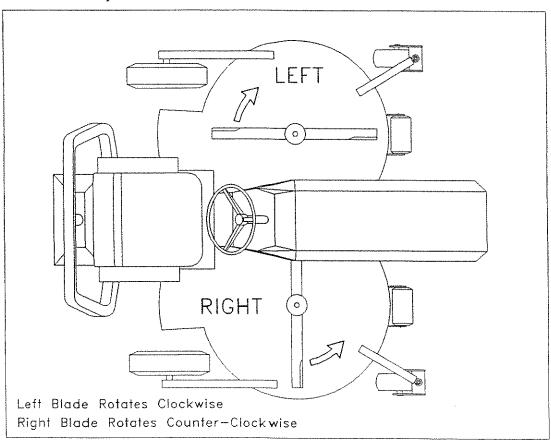
- 1. Replace hydraulic filter Use a Zinga spin-on suction filter no. 520403 annually or every 100 hours
- 2. Grease stabilizer wheels ---- Use a high quality Bearing Grease
- 3. Upper and lower steering --- Pack with high quality Bearing Grease pivot bearings

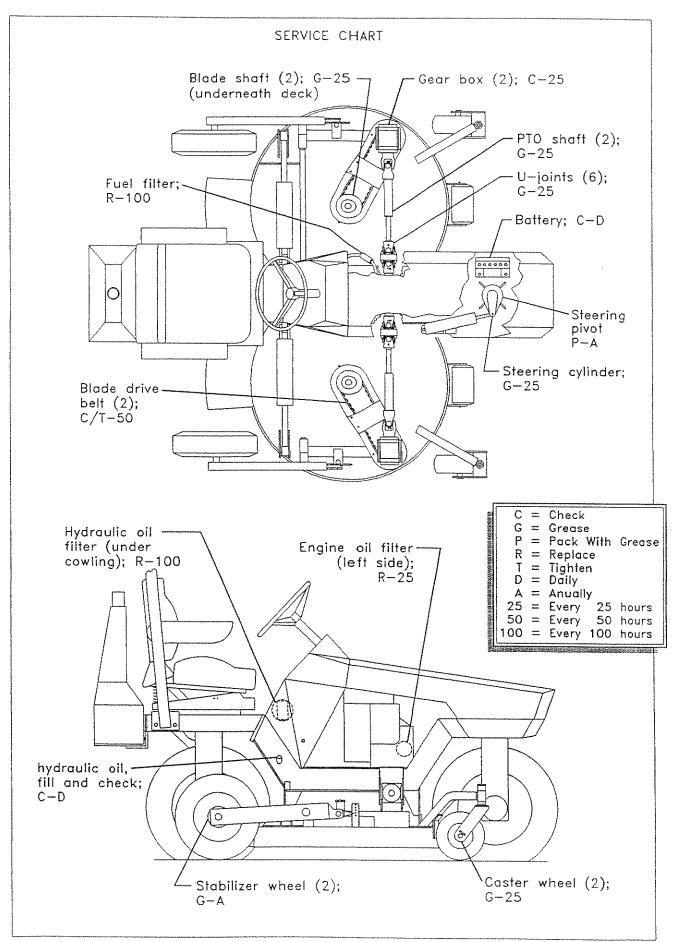
FOR STORAGE DURING OFF SEASON

- 1. Shut off fuel at sediment bowl and run engine until it stops.
- 2. Fill tank with fuel.
- 3. Maintain tire pressure as specified above.

BLADE TIMING INSTRUCTIONS (see drawing below)

- 1. Loosen timing belt adjustment tensioner screw, remove two bolts and one nut and remove cover plate.
- 2. Inspect belt for wear Replace if worn!
- 3. Replace cover and bolts and nuts.
- 4. Loosen four bolts in cover plate that gearbox mounts to.
- 5. Position blades perpendicular to each other as shown.
- 6. Tighten belt with adjustment screw so that it takes 10 lbs. pressure to depress belt 1/4" at check port in belt shroud.
- 7. Tighten all bolts securely.





TROUBLE SHOOTING

SYMPTOMS	POSSIBLE CAUSE	REMEDY
1. Engine fails to start	a. Choke not pulled	- Pull choke
	b. Fuse blown	Replace fuse (30 amp)
	c. Dead battery	- Recharge battery
	d. Dirty fuel filter	Replace fuel filter
	e. Out of fuel	- Fill fuel tank
	f. Foot control not in neutral position	Move foot control to neutral
2. Loss of engine power	a. Dirty air cleaner	Clean or replace
	b. Transmission oil level low	Fill tank to proper level
	c. Parking brake too tight	- Adjust brake
	d. Dirty fuel filter	Replace fuel filter
3. Noisy operation	a. Low oil level in hydraulic tank	Refill to proper level
	b. Low hydraulic pressure	See your dealer for repairs
	c. Air leak in pump supply line	- Tighten or replace bad hose or fitting
	d. Low lubricant level in gear boxes ————	- Refill with proper lube
	e. Blades out of time	- See instructions page 11
	f. Blade spindle failure	Replace bearings
4. Loss of hydraulic power	a. Low oil level in	
- *	hydraulic tank	- Refill to proper level
	b. Low hydraulic pressure	- See your dealer for repairs

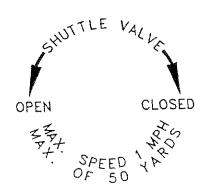
TROUBLE SHOOTING (cont.)

POSSIBLE CAUSE SYMPTOM REMEDY a. Fuse blown ----- Replace fuse (30 amp). 5. Loss of autoleveling b. Sensor(s) out of place or loose wire------ Re-install sensor and tighten c. Sensor bad or wire lead broken ----- Replace sensor. d. Electronic relays malfunctioning ----- Replace bad relay. e. Solenoid valve not ----- 1. Operate valve manually to assess cause of problem working -----2. Replace solenoid. NOTE: AUTO LEVEL WILL NOT WORK IF STEERING WHEEL IS HELD AGAINST STOP DURING EXTREME RIGHT OR LEFT TURN. 6. Mower blades a. operator not seated correctly ----- Sit firmly in seat to contact safety switch will not engage b. Loose belts---- Be sure all belts are tight

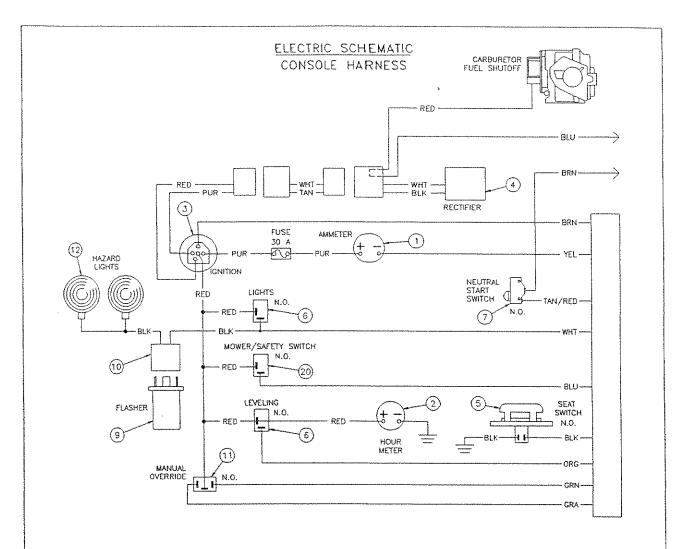
TO MOVE MOWER IN CASE OF ENGINE OR HYDRAULIC POWER FAILURE

c. Switch malfunction----- Replace switch.

- a. To move mower open shuttle valve located on right-hand side of cowling by rotating 180 degrees with a screwdriver.
- b. Mower may be moved a short distance with shuttle valve open.
- c. MOVING THE MOWER AT MORE THAN ONE M.P.H. FOR MORE THAN 50 YARDS MAY CAUSE SERIOUS DAMAGE TO THE WHEEL MOTORS AND HYDRAULIC PUMPS.
- d. Close shuttle valve before operating mower.



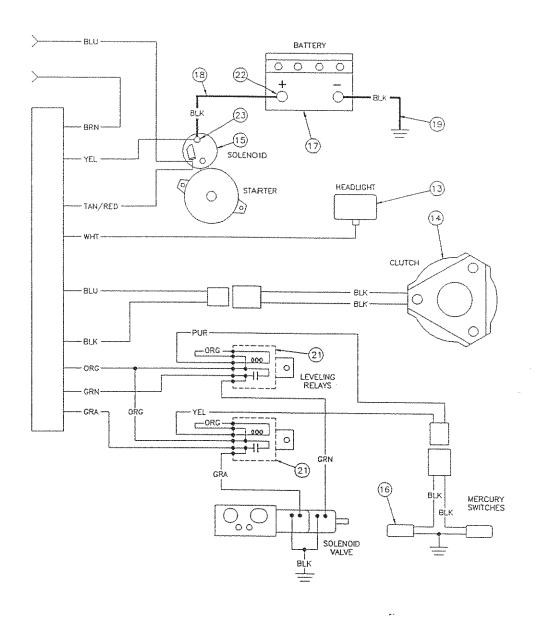
SCHEMATICS AND PARTS SECTION



N.O. = NORMALLY OPEN

1	530011	AMMETER
2	530009	HOUR METER
3	530016	IGNITION SWITCH
4	530029	RECTIFIER
5	530113	SAFETY SWITCH / SEAT
6	530007	SWITCH, SPST
7	530038	NEUTRAL START SWITCH
8	530097	CONSOLE WIRING HARNESS
9	530034	FLASHER
10	530025	FLASHER HARNESS
11	530020	SWITCH, SPDT
12	530032	HAZARD LIGHT

ELECTRIC SCHEMATIC MOWER HARNESS

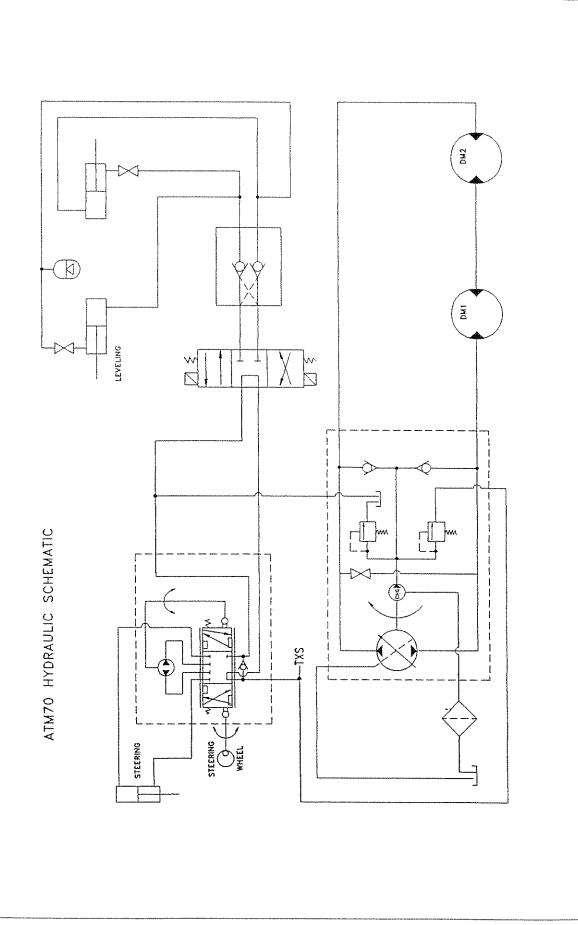


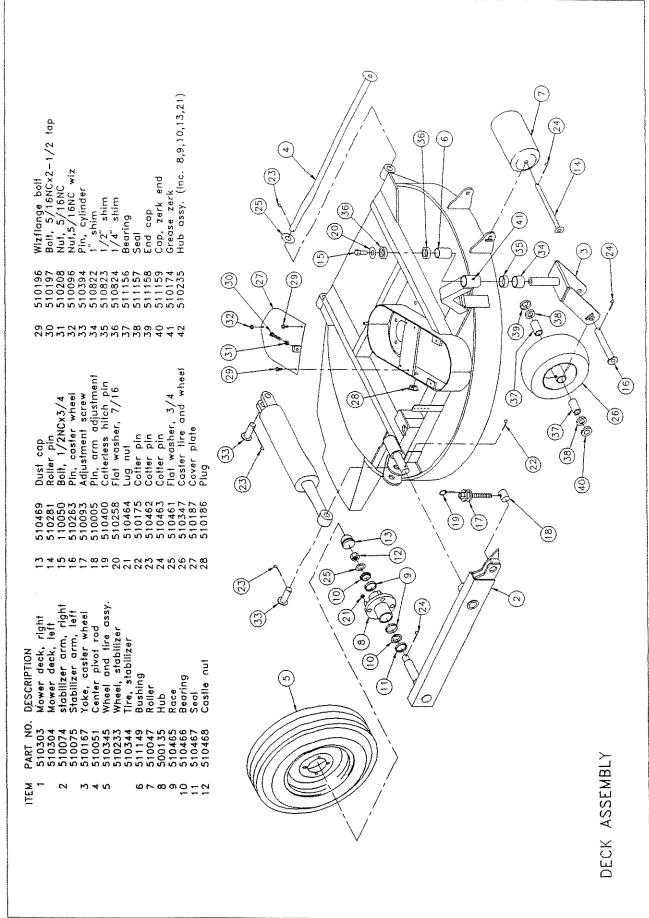
13 14	530010 540004	HEADLIGHT BLADE CLUTCH
15	530114	SOLENOID
16	530076	MERCURY SWITCH
17	530017	BATTERY
18	530002	SOLENOID CABLE
19	530001	BATTERY GROUND CABLE
20	530100	PULL-ON SWITCH / DECK SAFETY
21	530028	RELAY
22	530035	INSULATOR / BATTERY TERM.
23	530036	INSULATOR / SOLENOID TERM.
24	530098	MOWER WIRING HARNESS

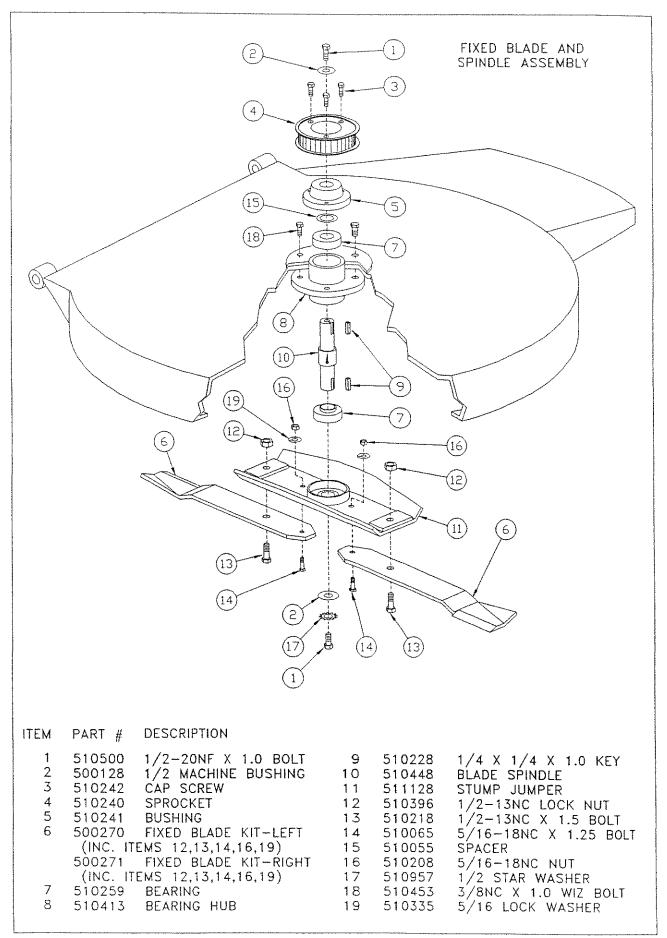
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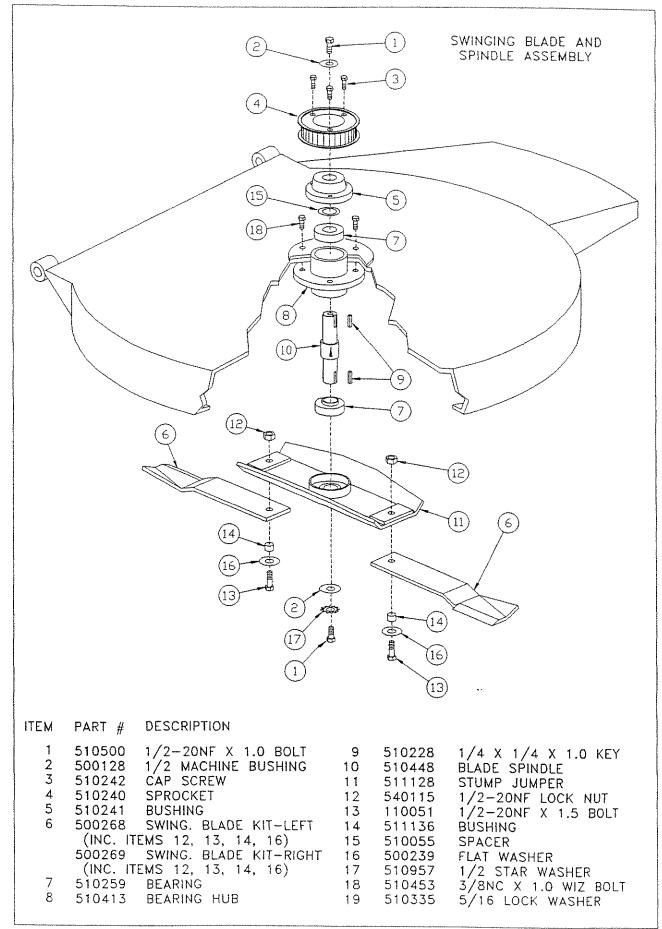
HYDRAULIC SYSTEM

ITEM		DESCRIPTION			
1.	72007 9	ADAPTER, 90 DEGREE ADAPTER (2) ADAPTER, TEE (3) ADAPTER, TEE (2)	29.	520163	STEERING PUMP
2.	520012	ADAPTER (2)	30.	520505	SOLENOID VALVE
3.	520017	ADAPTER, TEE (3)	31.	520403	FILTER ELEMENT
4.	520018	ADAPTER, TEE (2)	32.	520402	FILTER HEAD ASSEMBLY
4	長つのひもの	ADADTED ON DECREE	77	『 へ へ へ へ へ	10011111111700
6.	520024	ADAPTER, 90 DEGREE (2)	34.	520001	STEERING CYLINDER
7.	520025	ADAPTER, 90 DEGREE	35.	520404	LEVELING CYLINDER (2)
8.	520026	ADAPTER, 90 DEGREE (2)	36.	520005	WHEEL MOTOR (2)
9.	520033	ADAPTER (3)	37.	520162	STEERING COLUMN
10.	520034	ADAPTER, 45 DEGREE (2)	38.	520421	HOSE
10	520055	ADAPTER, 90 DEGREE (2)	39.	520420	HOSE
1 7	520093	ADARTER (2)	40.	520497	HOSE
13.	520094	ADAPTER, 45 DEGREE (2)	41.	520055	HOSE ASSEMBLY (8)
15	520033	ADAPTER (4)	42. 13	520033 520057	HOSE ASSEMBLY (Z)
16	520118	ADAPTER 90 DEGREE (2)	45. 44	520057 520058	HUSE VSENDIA
17.	520030	ADAPTER, 90 DEGREE (2)	45	520000	HOSE ASSEMBLY
18.	520435	ADAPTER, 90 DEGREE (2)	46	520500	HOSE ASSEMBLY
19.	520436	HOSE BARB	47.	520501	HOSE ASSEMBLY (2)
20.	520437	ADAPTER (2)	48.		~~~~~~
21.	720072	STREET ELL	49.	520502	HOSE ASSEMBLY
22.	720094	HOSE BARB	50.	520503	HOSE ASSEMBLY
23.			51.	~	
24.	520438	CAP	52.	520413	HOSE ASSEMBLY
25.	520433	BALL VALVE (2)	53.	520504	HOSE ASSEMBLY
26.	500240	HOSE CLAMP #6 (2)	54.	520414	HOSE ASSEMBLY
27.	520098	HOSE CLAMP 1/2 (4)	55.	520415	HOSE ASSEMBLY (3)
28.	520400	ADAPTER, 90 DEGREE (2) ADAPTER, 90 DEGREE (2) ADAPTER, 90 DEGREE (2) ADAPTER, 45 DEGREE (2) ADAPTER, 90 DEGREE (2) ADAPTER, 45 DEGREE (2) ADAPTER, 45 DEGREE (2) ADAPTER, 45 DEGREE (2) ADAPTER, 90 DEGREE (2) HOSE BARB ADAPTER (2) STREET ELL HOSE BARB CAP BALL VALVE (2) HOSE CLAMP #6 (2) HOSE CLAMP 1/2 (4) HYDRAULIC PUMP	56.	520461	HOSE ASSEMBLY

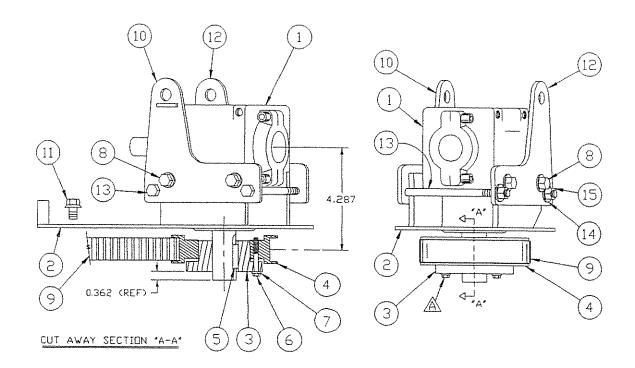








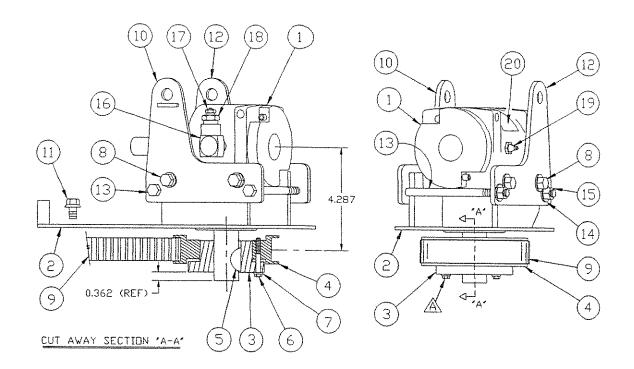
SUPERIOR GEARBOX AND SPROCKET ASSEMBLY



A CAP SCREW #510242 TO BE TORQUED AT 6 FOOT-POUNDS WITHOUT LUBRICANTS

1TEM 1 2 3 4 5	PART # 540280 510189 510190 510241 510240 510228	DESCRIPTION GEARBOX COVER PLATE - RIGHT COVER PLATE - LEFT Q D BUSHING SPROCKET 1/4 X 1 KEY	8 9 10 11 12 13	511175 510196 511174	5/16-18NC X 1 WIZBOLT TIMING BELT SHIELD MT. BRKT. W/STOP 5/16-18NC X 1/2 WIZBOLT SHIELD MT. BRKT.
•		1/4 X 1 KEY CAP SCREW (W/ITEM 4) LOCK WASHER	13	511174 710390 510335 510208	SHIELD MT. BRKT. 5/16-18NC X 5 BOLT 5/16 LOCK WASHER 5/16-18NC NUT

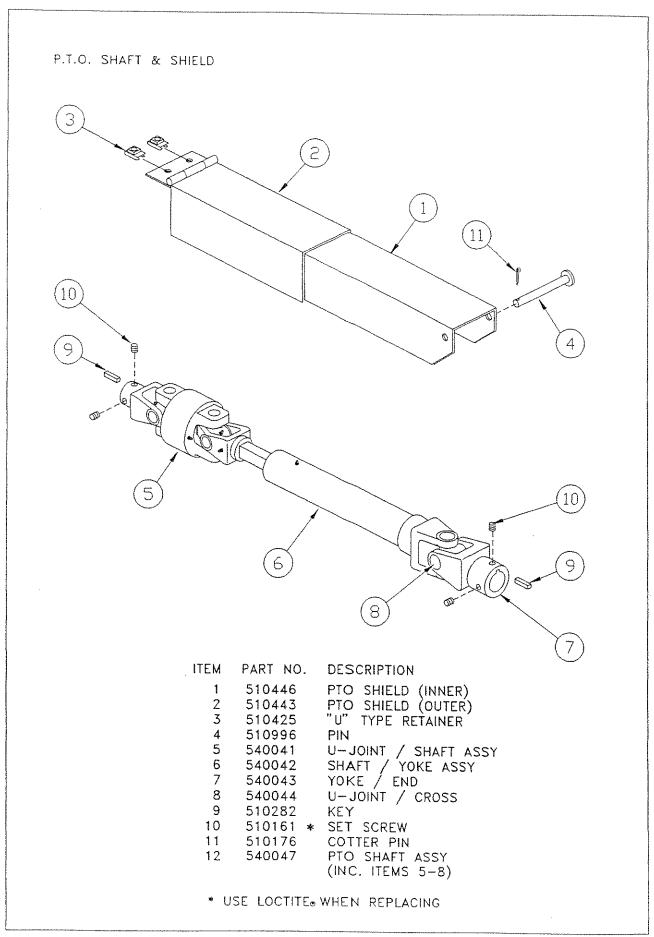
CURTIS GEARBOX AND SPROCKET ASSEMBLY

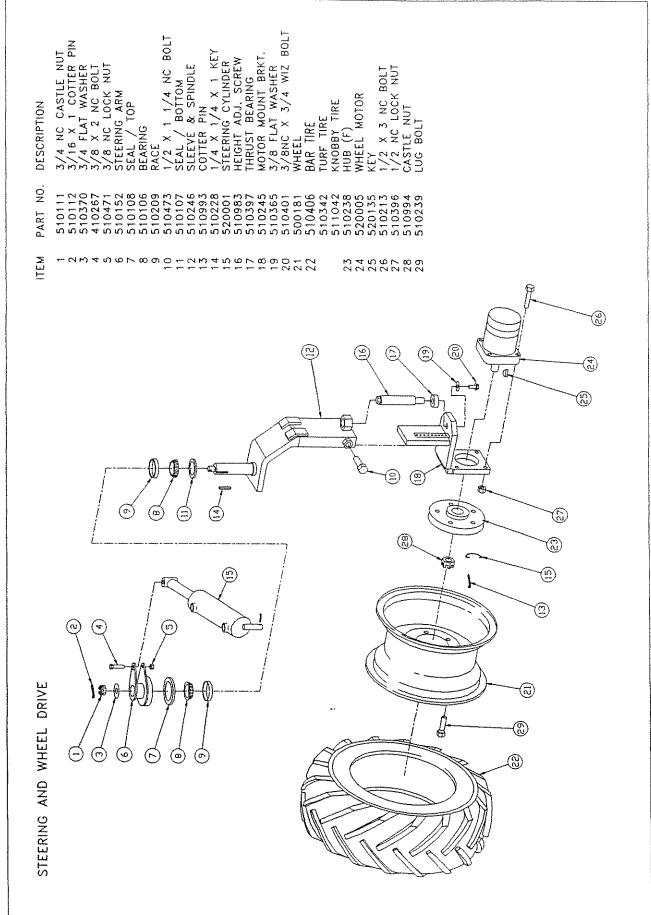


CAP SCREW #510242 TO BE TORQUED AT 6 FOOT-POUNDS WITHOUT LUBRICANTS

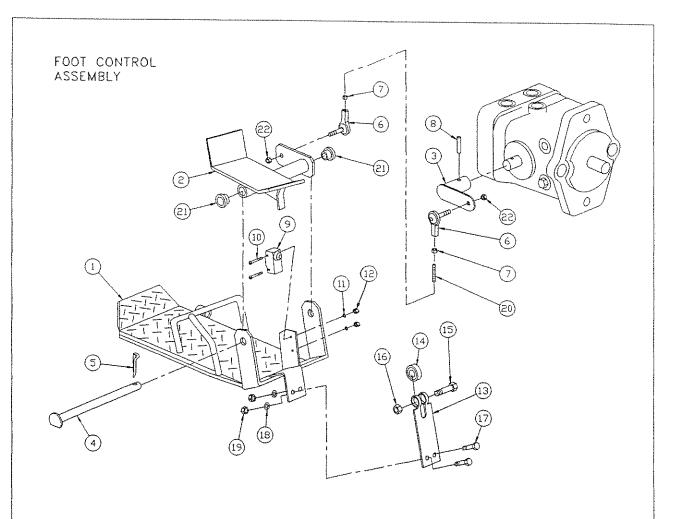
```
ITEM PART #
              DESCRIPTION
     540212
              GEARBOX ASSEMBLY
                                                        5/16-18NC X 1/2 WIZBOLT
                                         11
                                              510196
              COVER PLATE - RIGHT
COVER PLATE - LEFT
 2
     510189
                                         12
                                               511174
                                                        SHIELD MT. BRKT.
     510190
                                         13
                                               710390
                                                        5/16-18NC X 5 BOLT
 3
     510241
              Q D BUSHING
                                         14
                                               510335
                                                        5/16 LOCK WASHER
     510240
 4
              SPROCKET
                                         15
                                               510208
                                                        5/16-18NC NUT
 5
     410321
              1/4 X 1 WOODRUFF KEY
                                         16
                                               510321 * ADAPTER, 90°
 6
     510242
              CAP SCREW (W/ITEM 4)
                                               540148 * VENT
                                         17
 7
     510260
              LOCK WASHER
                                          18
                                               540150 * PIPE BUSHING
 8
     510992
              5/16-18NC X 1 WIZBOLT
                                         19
                                               540149 * GREASE ZERK
 9
     510261
              TIMING BELT
                                          20
                                               500206 * DECAL
10
     511175
              SHIELD MT. BRKT. W/STOP
```

* THESE PARTS INCLUDED WITH GEARBOX ASSEMBLY #540212

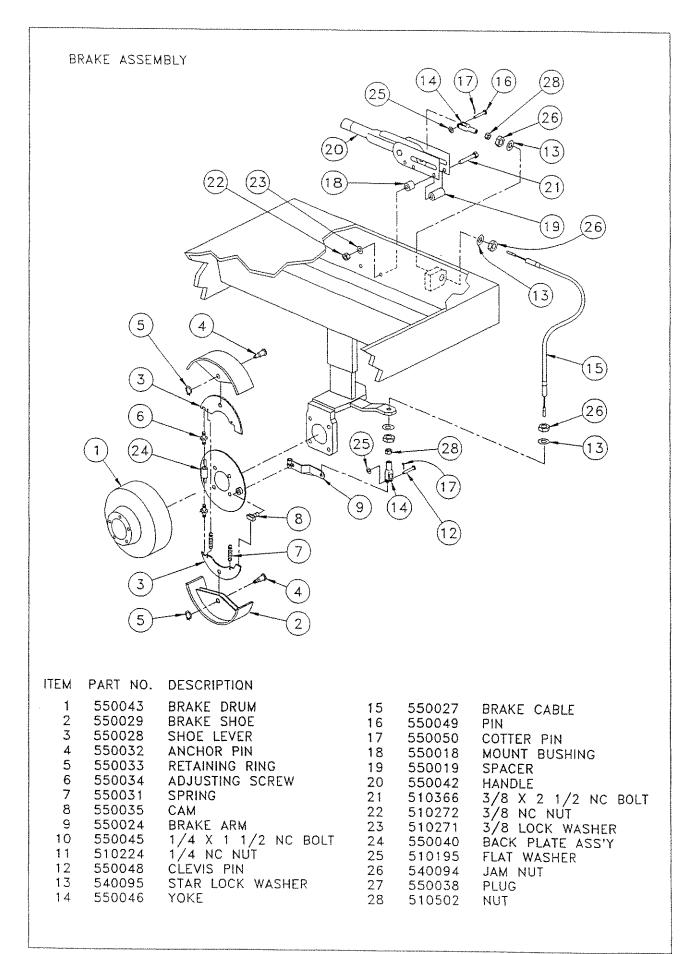


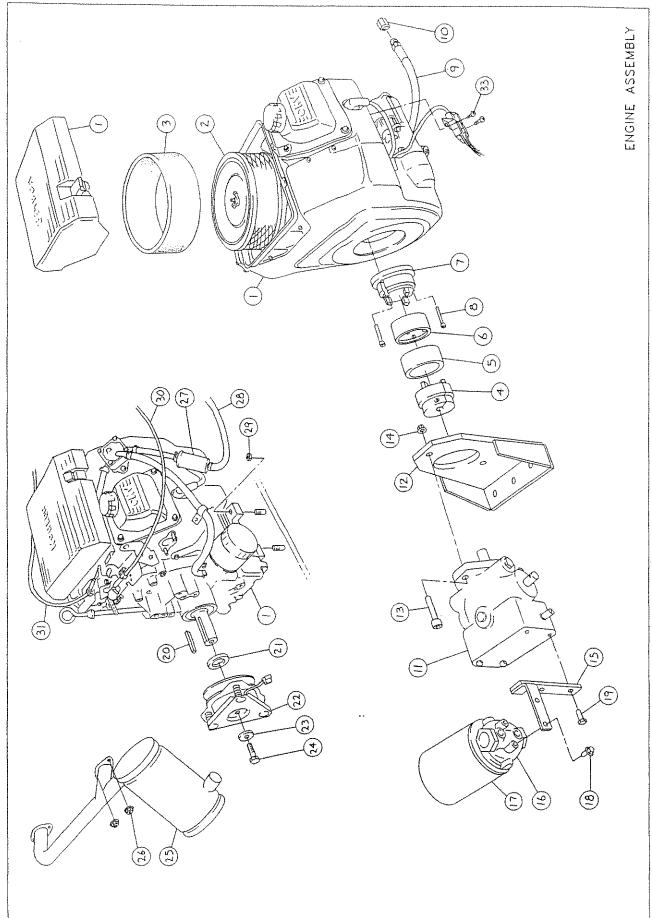


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ITEM	PART #	DESCRIPTION
1	540188	RIGHT FOOTPLATE ASSY
2	540186 540181	PEDAL ASSY
3	540181	TRACTION LEVER ASSY
4	540074	PEDAL SHAFT ASSY
5	510176	COTTER PIN 1/8 X 1.0
6	540075	ROD END BEARING
7	510478	NUT 1/4-28
8	500243	ROLL PIN 1/4 X 1.0
9	530038	NEUTRAL SWITCH
		SCREW 6-32 X 1.0
		STAR WASHER
		NUT 6-32
		LEAF SPRING
	540079	
	300006	
	410222	
	710492	
		LOCK WASHER 1/4
19	510224	NUT 1/4-20
20	540312	ALL THREAD 1/4-28 X 2.75
		BRASS BUSHING
4- 4-	540005	LOCK NUT 1/4-28



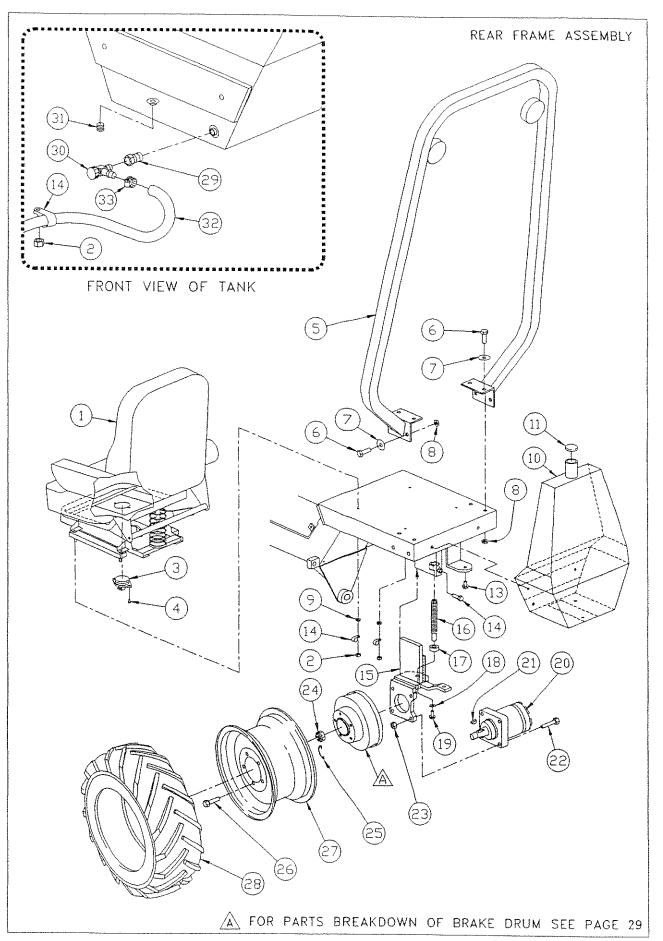


ENGINE ASSEMBLY

PART NO. DESCRIPTION

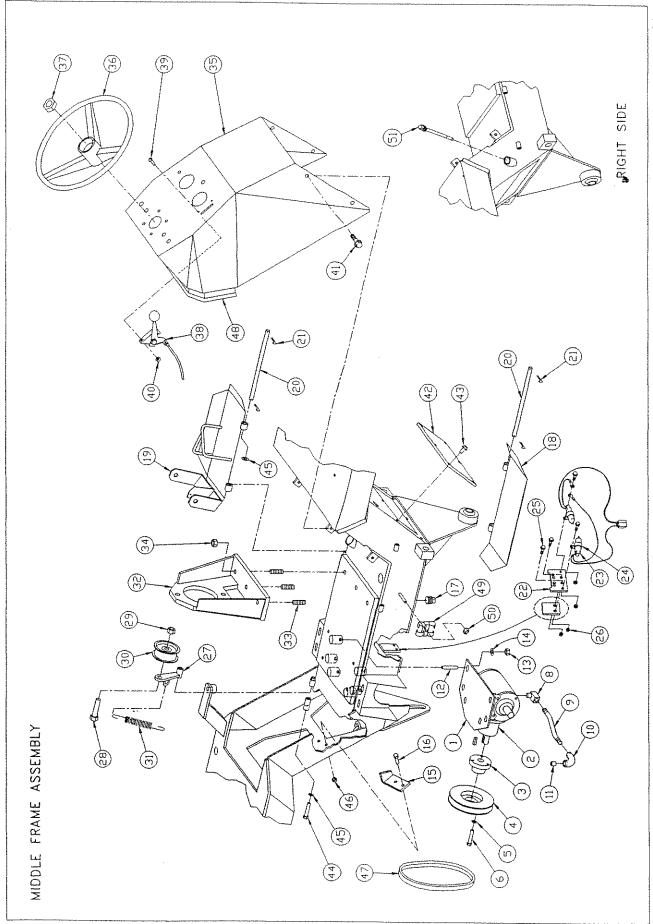
ITEM

1/4NC X 3/4 WIZ BOLT EXISTING PUMP BOLT KEY	CLUTCH SPACER	CLUTCH	1/4" HEAVY WASHER	7/16NF X 1 1/2 BOLT	MUFFLER	5/16NC WIZ NUT	FUEL FILTER	FUEL HOSE	3/8NC LOCK NUT	THROTTLE	CHOKE	OIL FILTER/ENGINE	6-32 X 1/4 SELF-TAP SCREW	
540084	510498	540004	511072	540040	511243	510096	540331	800061	510491	550073	550072	540322	150013	
18. 20.	21.	22.	23.	24.	25.	26.	27.	28.	29.	30.	31.	32.	33,	
					CAP SCREW					SCREW		Σ		
ENGINE AIR FILTER PRE—CLEANER	ENGINE COUPLER A	RETAINER	INSERT COUPLER	ENGINE COUPLER B	8MM X 25MM X 1.25 SKT. HD. C/	OIL DRAIN HOSE/ENGINE	CAP	PUMP	PUMP MOUNT BRACKET	1/2NC X 1 3/4 SKT, HD, CAP SC	1/2NC WIZ NUT	FILTER MOUNT BRACKET/HYD. SYSTEM	FILTER HEAD/HYD. SYSTEM	FILTER ELEMENT/HYD. SYSTEM
540303 ENGINE 540321 AIR FILTER 540320 PRE—CLEANER					8MM X 25MM X 1.25 SKT. HD.					1/2NC X 1 3/4 SKT, HD, CAP	1/2NC WIZ NUT	FILTER MOUNT BRA	FILTER HEAD/HYD.	



REAR FRAME ASSEMBLY

ITEM	PART NO.	DESCRIPTION
1.	511273	SEAT 5/16NC LOCK NUT SEAT SWITCH 1/4NC X 1/2 SCREW ROLL BAR 1/2NC X 1 1/4 BOLT 1/2 FLAT WASHER 1/2NC WIZ NUT 5/16NC WIZ NUT 5/16NC WIZ NUT FUEL TANK FUEL CAP 3/8NC X 1/2 WIZ BOLT 3/8NC X 3/4 WIZ BOLT HOSE CLAMP REAR WHEEL MOTOR MOUNT HEIGHT ADJ. SCREW THRUST BEARING 3/8 FLAT WASHER 3/8NC X 3/4 WIZ BOLT WHEEL MOTOR KEY
2.	500202	5/16NC LOCK NUT
3.	530113	SEAT SWITCH
4.	510877	1/4NC X 1/2 SCREW
5.	511276	ROLL BAR
6.	510473	1/2NC X 1 1/4 BOLT
7.	410265	1/2 FLAT WASHER
8.	210350	1/2NC WIZ NUT
9.	510096	5/16NC WIZ NUT
10.	511232	FÜEL TANK
11.	500069	FUEL CAP
12.	5 1 1082	3/8NC X 1/2 WIZ BOLT
13.	510401	3/8NC X 3/4 WIZ BOLT
14.	500290	HOSE CLAMP
15.	510488	REAR WHEEL MOTOR MOUNT
16.	510983	HEIGHT ADJ. SCREW
17.	510397	THRUST BEARING
18.	510365	3/8 FLAT WASHER
19.	510401	3/8NC X 3/4 WIZ BOLT
20.	520005	WHEEL MOTOR
21	520135	KEY 1/2NC X 3 BOLT 1/2NC LOCK NUT CASTLE NUT
22.	510213	1/2NC X 3 BOLT
Z3.	510396	1/2NC LOCK NOT
24.	510994	SPRING CLIP
∠J. 26	510966	LUG BOLT
20.	500181	LOG BOLI
2/.	510406	WHILL DAD TIDE
20.	510400	THE THE
	511042	KNOODA LIDE
29	5/0150	1 /4 - 1 /8 PUSUING
30	510207	TURF TIRE KNOBBY TIRE 1/4-1/8 BUSHING FUEL SHUTOFF VALVE
31	510477	1/4 PIPE PLUG 1/4 FUEL HOSE HOSE CLAMP 5/16 LOCK WASHER
32	800061	1/4 FUFL HOSE
33.	100361	HOSE CLAMP
34.	510335	5/16 LOCK WASHER
		-/

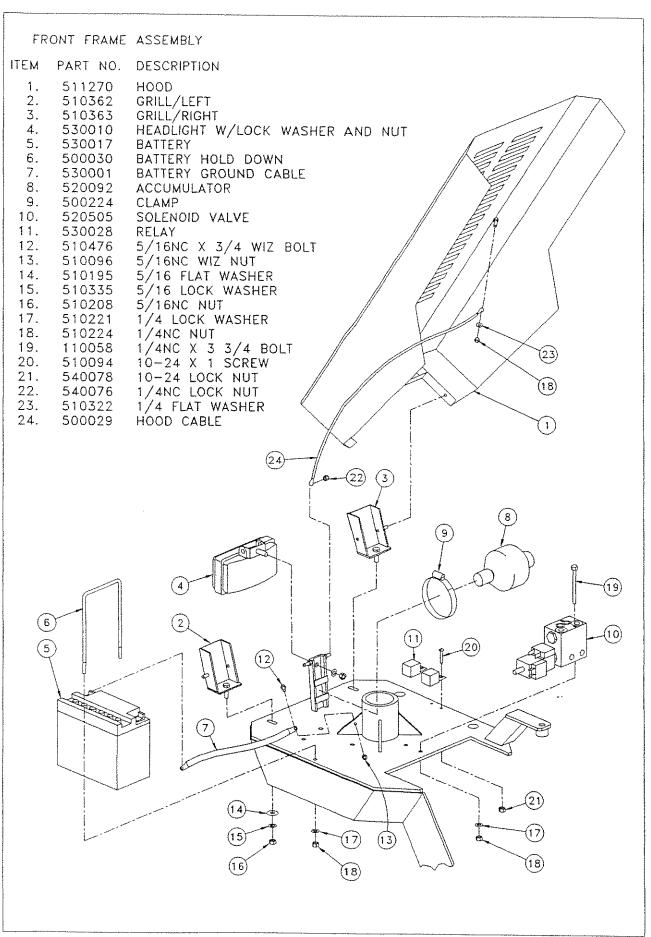


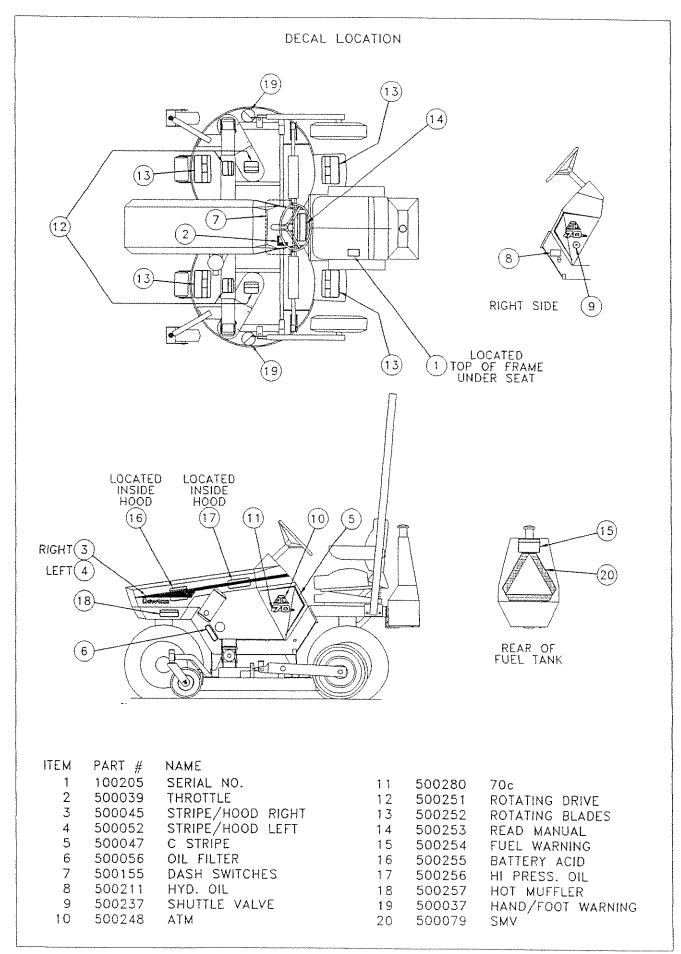
MIDDLE FRAME ASSEMBLY

ITEM PART NO. DESCRIPTION

540211 IDLER BRACKET 500238 1/2NC X 1 3/4 BOLT 510396 1/2NC LOCK NUT 540330 IDLER PULLEY 540025 SPRING	1241 PUMP MOUNT BRACKET 0099 1/2 X 1 1/2 STUD (NC ONE END. NF OTHER END) 0115 1/2 LOCK NUT	12/2 COMLING 0004 STEERING WHEEL 0063 13/16-20 NUT 0073 THROTTLE	0094 10-24 X 1 SCREW 0078 10-24 LOCK NUT 0401 3/8NC X 3/4 WIZ BOLT	0315 INSPECTION PLATE 0476 5/16NC X 3/4 WIZ BOLT 0472 5/16NC X 4 BOLT 0335 5/16 LOCK WASHER	0096 5/16 WIZ NUT 0315 BELT (STD.) 0192 BELT (OPT.) 0062 EDGE MOLDING	0496 HOSE CLAMP 0497 8-32 NUT 0138 DIPSTICK
20000 40000	1. C + C + C + C + C + C + C + C + C + C	ი ი ი ი ა	10 0 u	, w w w w	2 4 4 4 E	201
27. 28. 30.	8 8 8 8 2 8 4 4	36. 37. 38.	39. 40.	4 4 4 4 - 5.4 4 5. 4 5.	* 4.65.	50. 50.
MOUNTING PLATE/GEAR BOX SPLITTER GEAR BOX BUSHING PULLEY/6.3" DIA. (STD.)	1/4 LOCK WASHER 1/4NC X 1 3/8 BOLT KEY	ADAPTEN 30 1/4" PIPE 1/4" ELL 1/4" PLUG	3/8NC X 1 1/2 STUD 3/8 LOCK NUT	3/0 rlai Mashen Clutch Stop 5/16NC X 1 BOLT 1/2" PIPE PLUG FOOT REST/1 FFT	FOOT REST/RIGHT PIN/FOOT REST COTTER PIN MFRCIRY SWITCH BRACKET	MERCURY SWITCH ADEL CLAMP 1/4NC X 3/4 WIZ BOLT 1/4NC NUT
511253 540305 510269 540304 540338	7227	1325	. Ö – ñ	340v2	- 00 4 o 0	2044
+ - 5, 2, 4,	κ, ο, <u>γ</u> , ο	999	22.5	4 ti 6 t x	19. 20. 21.	223. 25. 6.

STANDARD BELT MUST BE USED WITH STANDARD PULLEY. OPTIONAL BELT MUST BE USED WITH OPTIONAL PULLEY. THE BELTS CANNOT BE INTERCHANGED.





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