

BRUSH BLAZER

OWNERS MANUAL

MODEL #TBB-2001/2002



**KEEP THIS MANUAL FOR
FUTURE REFERENCE!**



INTRODUCTION & DESCRIPTION



INTRODUCTION

Thank you for your decision to purchase our product. The Peco Tracked Brush Blazer is a heavy duty cutter with hydraulic track laying drive system. Each track is independently driven for excellent maneuverability. The Brush Blazer will turn 180 degrees in its own length of 94 inches, and will traverse all types of terrain. The cutting deck consists of four hammer modules mounted on pivot points at the ends of two blade bars, allowing the modules to give slightly when encountering rocks or stationary objects other than brush or trees. The hammer modules consist of a one inch thick block with a renewable carbide cutting tool mounted in the block end, and a tool steel, renewable and replaceable, mulching blade mounted on top of the block at 90 degrees to the carbide cutter. This allows for a great diversity in materials the machine will cut. Safety features include a chain-guarded deck to shield the operator, a front safety bar to guide cut trees away from the operator, and an operator presence cut-off switch mounted to each handle.

SPECIFICATIONS

Engine: 18hp Kohler Command Pro V-twin

Fuel Capacity: Five Gallons

Forward Speed: Zero to Three MPH

Reverse Speed: Zero to One MPH

Weight: 1,100 Pounds

Cutting Width: Forty-Eight Inches

Cutting Height: Five Inches

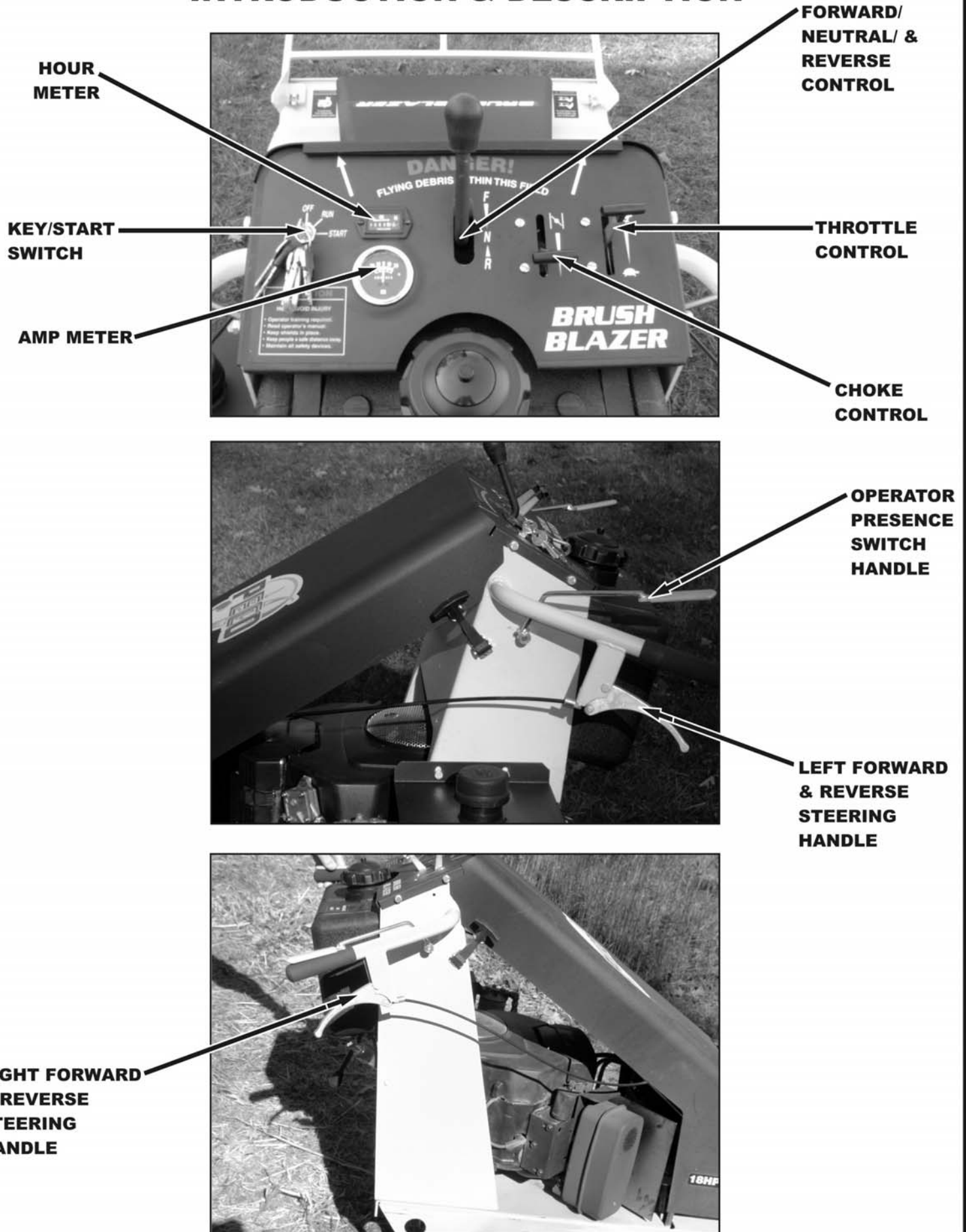
Overall Height: Forty-Three Inches

Overall Width: Fifty-Five Inches

Overall Length: Ninety-Four Inches

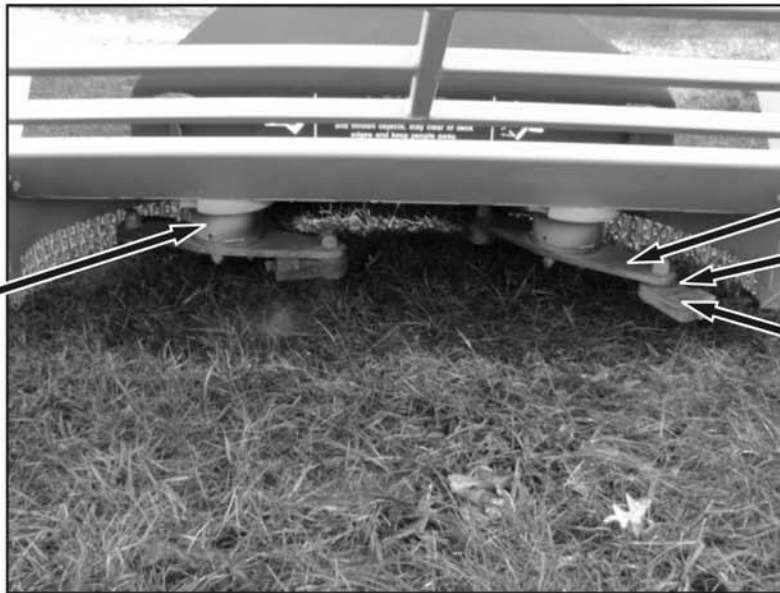
Track Drive System: Individual Hydraulic Motors and Track Pumps

INTRODUCTION & DESCRIPTION



INTRODUCTION AND DESCRIPTION

**SPINDLE
HOUSING**



BLADE BAR

**HAMMER
MODULE**

**CARBIDE
CUTTING
TOOL &
MULCHING
BLADE**

**GAS TANK
CAP**



GAS TANK

**TREE
GATE**



INTRODUCTION AND DESCRIPTION

**ENGINE
HOOD**

**BELT
HOOD**

**RUBBER
RETAINERS**

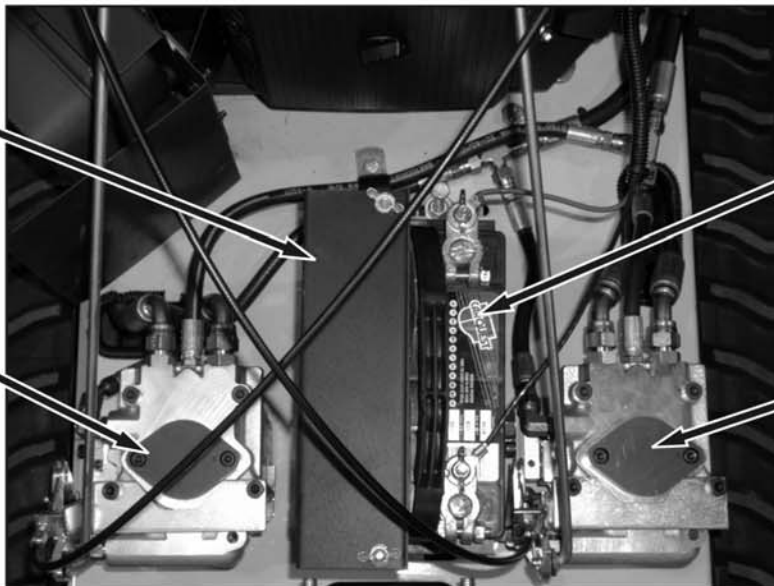


**BATTERY
HOLD-DOWN
BRACKET**

**RIGHT
HYDRAULIC
PUMP**

BATTERY

**LEFT
HYDRAULIC
PUMP**



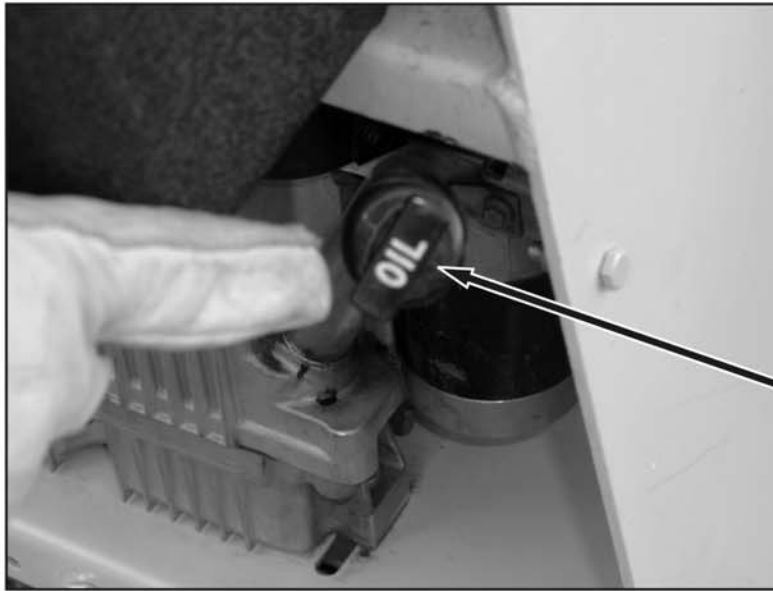
**DRIVE
SPROCKET**

**IDLER
WHEELS**

**FRONT
WHEEL**



INTRODUCTION AND DESCRIPTION



**OIL FILLER
TUBE &
DIPSTICK**

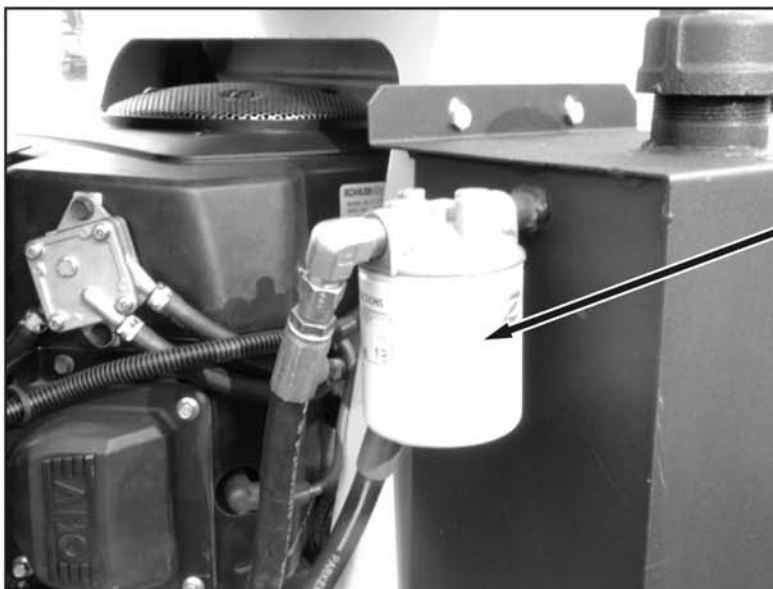


**HYDRAULIC
OIL TANK CAP**

**HYDRAULIC OIL
TANK**

**HYDRAULIC OIL
FILLER TUBE**

**BLADE
ENGAGEMENT
CONTROL**



**HYDRAULIC OIL
FILTER**

SAFETY



WARNING TO PURCHASERS OF INTERNAL COMBUSTION ENGINE EQUIPPED MACHINERY OR DEVICES IN THE STATE OF CALIFORNIA:

The equipment which you have purchased does not have a spark arrester muffler. If this equipment is to be used on any forest covered and brush covered land or grass covered unimproved land in the state of California, the law requires that a spark arrester Must be attached to the exhaust system and comply with Section 4442 of the California Public Resources Code.

1. Read the owners manual carefully and familiarize yourself with the proper use of the Peco Brush Blazer. Do not allow anyone Who is not acquainted with the safety instructions to use your Brush Blazer.
2. Know the controls and how to stop quickly.
3. Do not allow children to operate the vehicle. Do not allow adults to operate it without proper instruction.
4. Be especially watchful of children and pets darting into the area while operating.
5. Keep your eyes and mind on the Brush Blazer while mowing or operating. Do not let others distract you.
6. Wear ear & eye protection when operating the Brush Blazer.
7. Do not work around the deck until you are certain that the cutting blades have stopped rotating.
8. ALWAYS remove the spark plug wire and the key from the ignition before servicing or changing the blades.



READ ALL WARNING & DANGER LABELS LOCATED ON THE BRUSH BLAZER, FAILURE TO DO SO COULD LEAD TO POSSIBLE INJURY OR DEATH!



OPERATION



STARTING THE BRUSH BLAZER

To start the Peco Brush Blazer move adjust the forward/neutral/ & reverse control to neutral (figure: 1-1). For cold starts, adjust the throttle control all the way down (figure: 1-2) and the choke control all the way open (figure: 1-3). Hold the operator presence switch handle down, and turn the starter switch (figure: 1-4). Adjust engine throttle and choke for desired engine smoothness and speed. Note: when mowing always run engine at full throttle. (Warm engine starting will not require the choke control)

FIGURE: 1-1



FIGURE: 1-2



FIGURE: 1-3



FIGURE: 1-4



OPERATOR PRESENCE SWITCH HANDLES

The operator presence switch handles must be held down to start or run the Brush Blazer (figure: 2-1). Once the handles are released the Brush Blazer will stop immediately (figure: 2-2).

FIGURE: 2-1



FIGURE: 2-2



OPERATION



STEERING & CONTROLLING THE BRUSH BLAZER

To make the Brush Blazer go in either forward or reverse adjust the forward/neutral/ & reverse control handle to desired position (figure: 3-1 & figure: 3-2). To steer to the left squeeze the left steering handle (figure: 3-3), to steer to the right squeeze the right steering handle (figure: 3-4), and to go straight squeeze both the left and right handles evenly (figure: 3-3 & figure: 3-4). To make slight turns left, lightly release the left handle (figure: 3-5), while still holding down the right handle (figure: 3-4). To make slight turns right, lightly release the right handle (figure: 3-6), while still holding down the the left handle (figure: 3-3).

FIGURE: 3-1



FIGURE: 3-2



FIGURE: 3-3



FIGURE: 3-4



FIGURE: 3-5



FIGURE: 3-6



ENGAGING THE MOWER BLADES

FIGURE: 4-1



FIGURE: 4-2



To engage the mower blades make sure the Brush Blazer is in neutral, and slowly lift the blade engagement handle all the way up (figure: 4-1 & figure: 4-2).

BLADE SHAFT ASSEMBLY



!WARNING!

WHEN IT IS NECESSARY TO SERVICE OR PERFORM MAINTENANCE, TO AVOID SERIOUS INJURY OR DEATH, STOP ENGINE, REMOVE BATTERY WIRES AND SECURELY SUPPORT THE DECK BEFORE WORKING UNDERNEATH.

MOWER BLADES:

CHECK BLADES FREQUENTLY FOR DAMAGE AND THAT ALL BOLTS ARE SECURELY FASTENED.

BLADE REPLACEMENT:

A. SECURE THE DECK AND POSITION THE BLADES FOR EASY ACCESS.

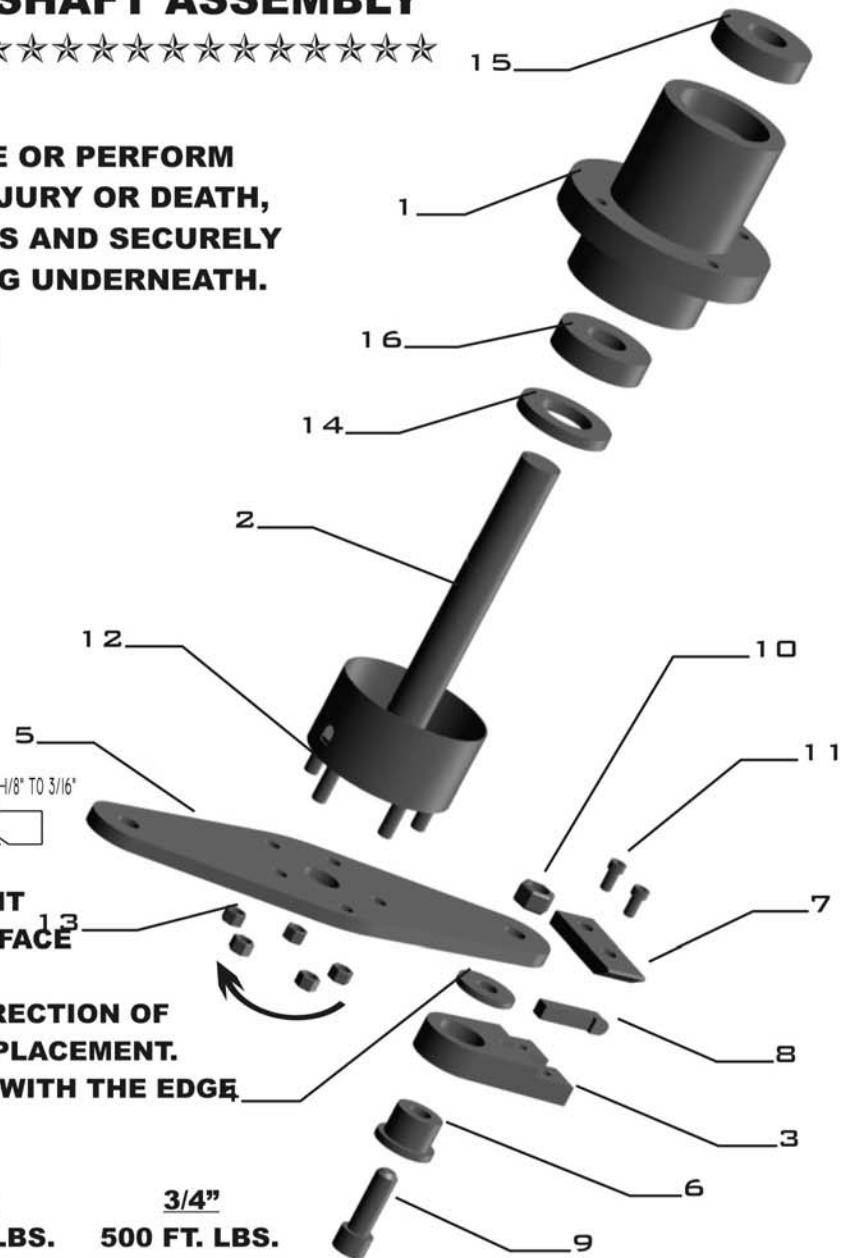
B. REMOVE THE CAP SCREWS (#11) FROM THE BLADE MOUNT.

C. CHECK THE CUTTING BLADE (#7) FOR POSSIBLE SHARPENING. IF THE BLADE CAN BE SHARPENED, GRIND THE BLADE AT THE ORIGINAL BEVEL, WEARING GLOVES AND EYE PROTECTION.

D. CHECK THE CUTTING TOOTH (#8) FOR WEAR. IF THE TOOTH IS SHATTERED, REPLACE WITH THE PROPER TOOTH. MOUNT 5/8" FROM THE TIP OF THE TOOTH TO THE FACE OF THE HAMMER MODULE (#3).

E. INSTALL THE BLADES TOWARDS THE DIRECTION OF ROTATION USE THE SKETCH FOR PROPER PLACEMENT. (CUTTING BLADE (#7) MUST BE REPLACED WITH THE EDGE FACING THE TOP OF THE BLADE.)

MAX BOLT TORQUE: **3/8"** **1/2"** **3/4"**
 61 FT. LBS 150 FT. LBS. 500 FT. LBS.



PART# :	DESCRIPTION :	QTY. :	VIEW# :
TBB-0023	SPINDLE HOUSING	1	1
TBB-0197	SHAFT ASSEMBLY	1	2
TBB-0137	HAMMER MODULE	2	3
TBB-0178	PIVOT WASHER	2	4
TBB-0135	BLADE BAR	1	5
TBB-0163	PIVOT BUSHING	2	6
TBB-0190	CUTTING BLADE	4	7
TBB-0165	CUTTING TOOTH	2	8
K0298	3/4"-10 x 2-1/4" SHCS.	2	9
K0302	3/4"-10 C-GRADE LOCK NUT	2	10
K0297	3/8"-16 x 3/4" SHCS.	8	11
K0306	1/2"-20 x 1-29/32" WHEEL BOLT	5	12
K0305	1/2"-20 C-GRADE LOCK NUT	5	13
J0259	OIL SEAL	1	14
N0152	UPPER BEARING W/ SEAL ON TOP	1	15
N0153	LOWER BEARING	1	16

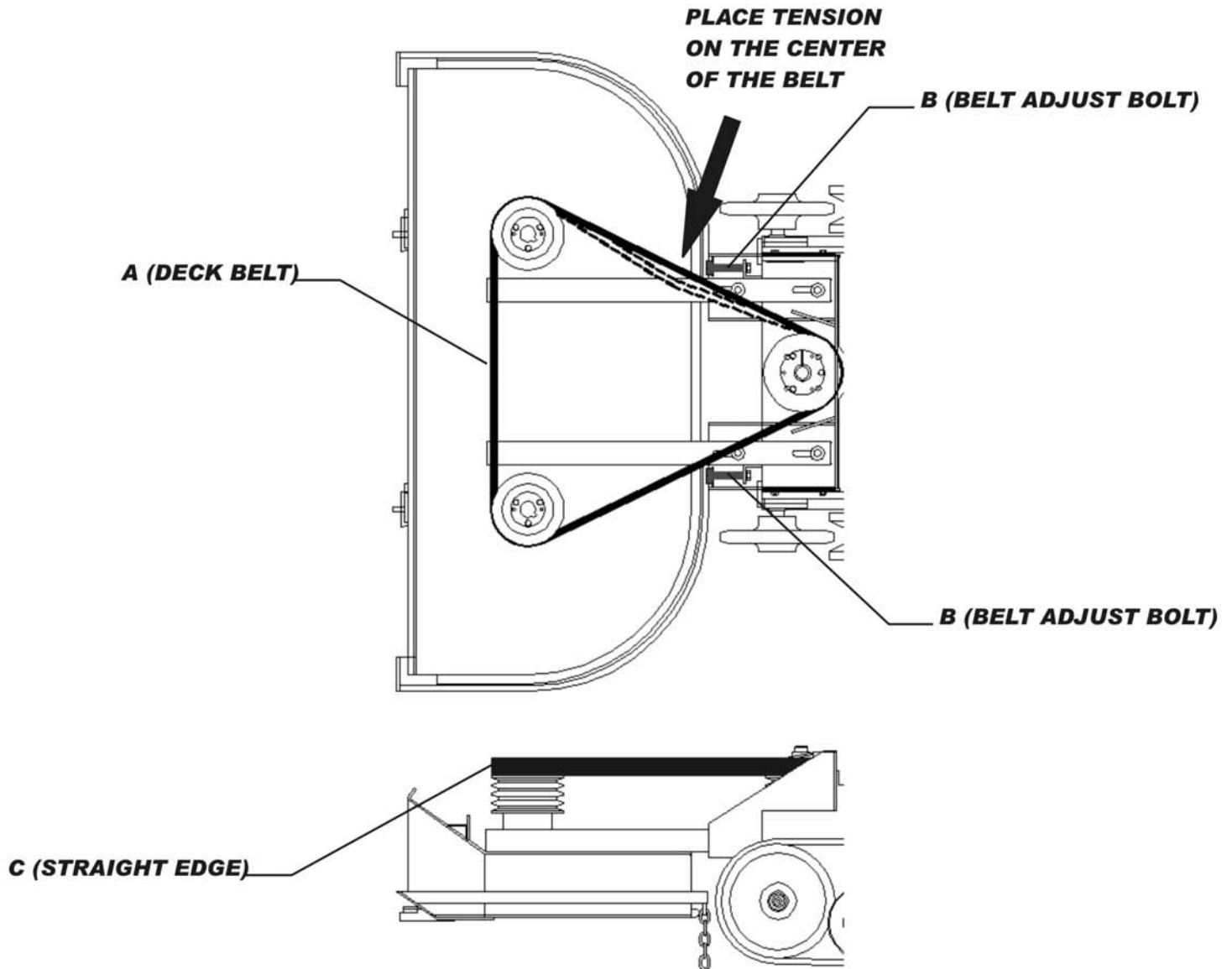
TBB-0030 BLADE SHAFT/HOUSING ASSEMBLY 1 1,2,12,13-16

NOTE: THE QUANTITIES ARE FOR ONE BLADE SHAFT ASSEMBLY.

DECK BELT ADJUSTMENT



- 1: PLACE 18 LBS. OF PRESSURE ONTO THE CENTER OF THE DECK BELT (A) AS SHOWN.**
- 2: THE DECK BELT SHOULD MOVE $\frac{1}{16}$ " FOR 18 LBS. OF PRESSURE.**
- 3: IF THE TENSION IS LOOSE, TURN THE BELT ADJUST BOLTS (B) CLOCKWISE TO GAIN TENSION.**
- 4: IF THE BELT IS TIGHT, TURN THE BELT ADJUST BOLTS COUNTER-CLOCKWISE.**



MOWER DECK PULLEY ALIGNMENT



- 1: USE A 30" STRAIGHT EDGE (C) ON TOP OF THE 3 DECK PULLEYS TO CHECK FOR ALIGNMENT. THE PULLEYS MUST BE LEVEL WITH EACH OTHER (SEE ABOVE).**

REMOVING, REPLACING, & ADJUSTING THE TRACKS



REMOVING:

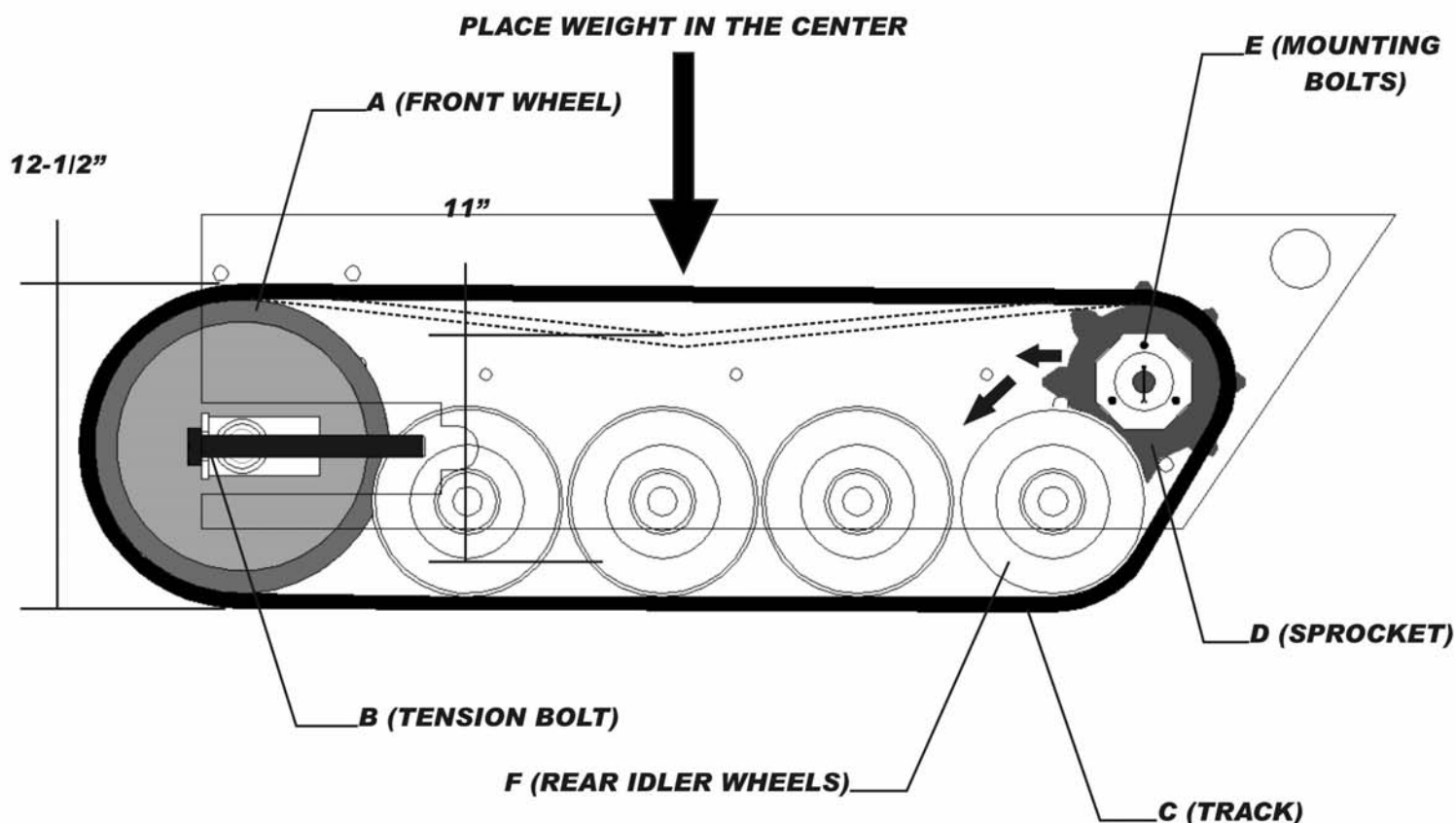
- 1: REMOVE THE TENSION FROM THE FRONT WHEEL (A) BY TURNING THE TENSION BOLT (B), LOCATED BEHIND THE FRONT WHEEL (A), CLOCKWISE.**
- 2: REMOVE THE 3 BOLTS (E) FROM THE SPROCKET AND PULL SPROCKET TOWARDS YOU.**
- 3: ONCE THE SPROCKET IS LOOSE FROM THE HUB, USE A BAR TO PIVOT THE SPROCKET FORWARD IN BETWEEN THE REAR IDLER WHEELS (F).**
- 4: THE FRONT AND REAR WHEELS ARE NOW LOOSE FOR REMOVING THE TRACK (C).**

REPLACING:

- 1: PLACE THE TRACK ON TO THE WHEEL ASSEMBLY WITH THE FRONT AND REAR WHEEL LOOSE.**
- 2: ALIGN THE REAR DRIVE SPROCKET TEETH WITH THE CENTER GROOVES ON THE TRACK.**
- 3: ROTATE THE SPROCKET FROM IN BETWEEN THE REAR IDLER WHEELS AND ALIGN THE DRIVE SPROCKET MOUNTING BOLTS TO THE HUB.**
- 4: TIGHTEN THE BOLTS.**
- 5: TIGHTEN THE TRACK USING THE TENSION BOLT AND USE THE NEXT STEP FOR THE PROPER TENSION OF THE TRACK.**

ADJUSTING:

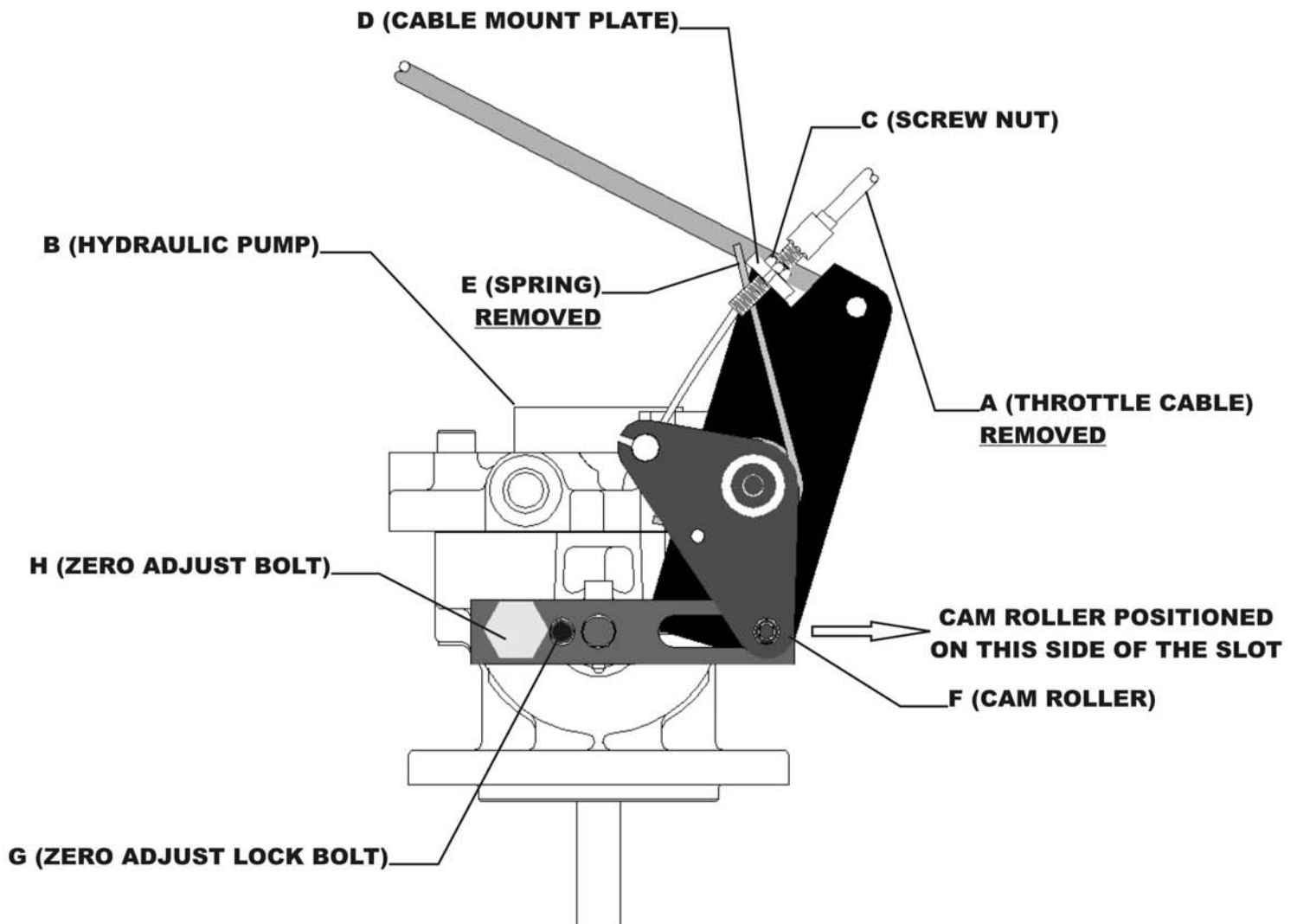
- 1: WHEN ADJUSTING THE TENSION OF THE TRACKS USE WEIGHTS OR A PERSON WEIGHING ROUGHLY 170 LBS. PLACE THE WEIGHT IN THE CENTER OF THE TRACKS.**
- 2: USE A SCALE TO MEASURE THE DISTANCE THE TRACK MOVES ONCE THE WEIGHT IS PUT ON.**
- 3: THE TENSION SHOULD BE 1-1/2" OF MOVEMENT. IF THE TENSION IS LESS OR GREATER, ADJUST BY USING THE TRACK TENSION BOLT SHOWN (B). NOTE: TURNING THE TRACK TENSION BOLT CLOCKWISE WILL LOOSE TENSION AND TURNING IT COUNTER CLOCKWISE WILL GAIN TENSION.**



PUMP ADJUSTMENT



- 1: BEFORE ADJUSTING THE PUMPS ON THE BRUSH BLAZER, USE A FLOOR JACK TO RAISE THE TRACKS OFF THE GROUND. USE BLOCKS UNDER THE MOWER DECK AND THE REAR OF THE CHASSIS.**
- 2: REMOVE THE THROTTLE CABLE (A) FROM BOTH HYDRAULIC PUMPS (B) BY REMOVING THE SCREW NUT (C) FROM THE CABLE MOUNT PLATE (D).**
- 3: ONCE THE THROTTLE CABLE IS REMOVED, CAREFULLY USING A SCREWDRIVER, REMOVE THE SPRING (E) FROM BOTH PUMPS. (REMOVING THE SPRING MAKES ADJUSTING EASIER FOR ONE PERSON).**
- 4: POSITION THE CAM ROLLER (F) TO THE END OF THE SLOT AS SHOWN.**
- 5: LOOSEN THE ZERO ADJUST LOCK BOLT (G), AND THE ZERO ADJUST BOLT (H).**
- 6: WITH THE ENGINE RUNNING THE TRACKS SHOULD NOT MOVE. IF ONE OR BOTH TRACKS MOVE ROTATE THE ZERO ADJUST BOLT (H) CLOCKWISE UNTIL THE TRACK STOPS. ADJUST BOTH PUMPS AT THE SAME TIME.**
- 7: AFTER BOTH TRACKS ARE SET TO 'NEUTRAL', TIGHTEN THE ZERO ADJUST LOCK BOLT (G) FIRST, THEN TIGHTEN THE ZERO ADJUST NUT. (WHEN TIGHTENING, DO NOT TURN THE BOLT HEAD, ONLY TURN THE NUT. TURNING THE HEAD AFTER THE PUMPS HAVE BEEN SET TO 'NEUTRAL' WILL REVERT THE PUMPS TO THE PREVIOUS STATE.)**



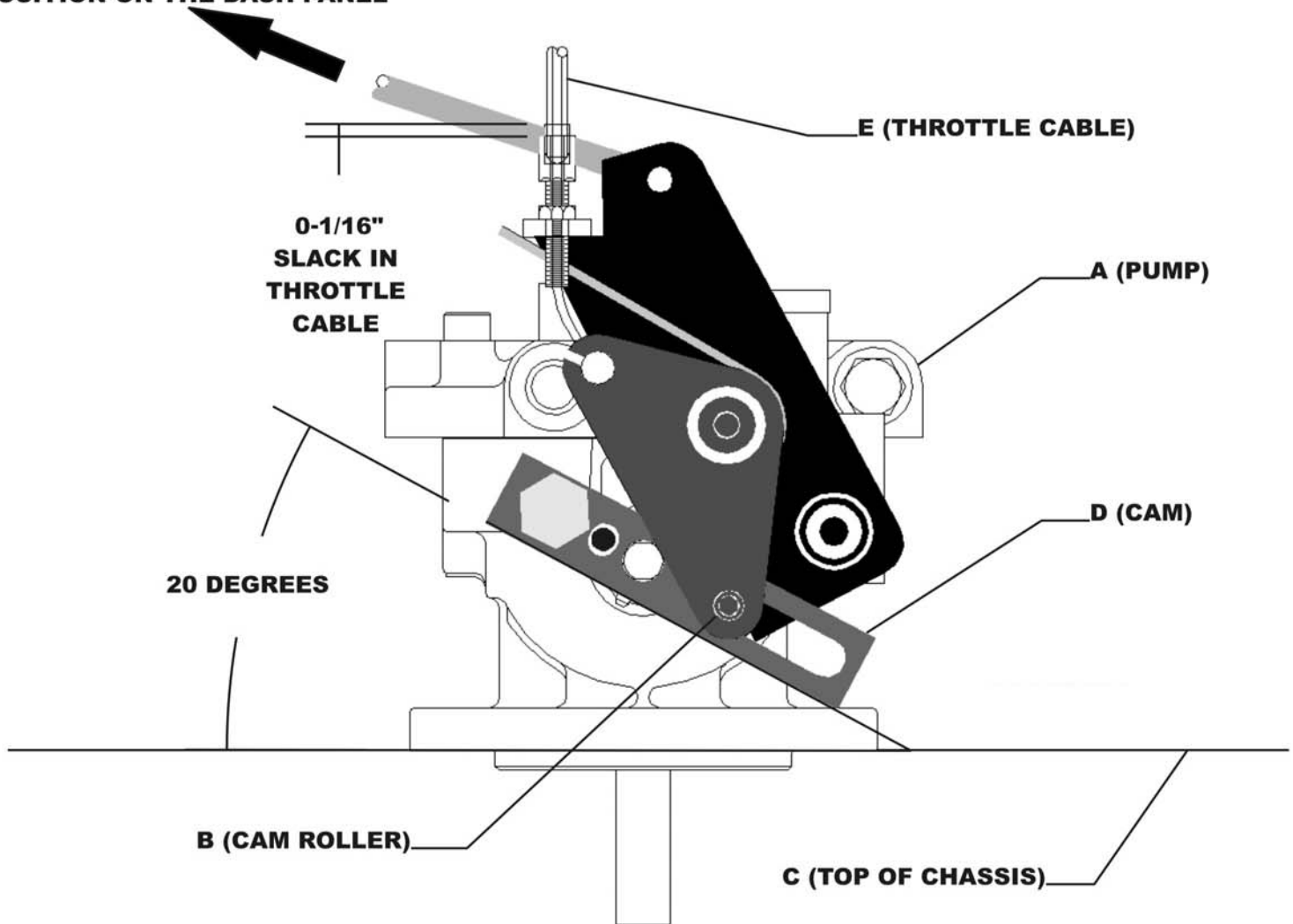
FORWARD & REVERSE ADJUSTMENT



(CONTINUE THIS STEP WITH THE SPRING AND THE THROTTLE CABLE REMOVED)

- 1: ONCE THE PUMPS HAVE BEEN ADJUSTED TO 'NEUTRAL', MOVE THE FORWARD AND REVERSE LEVER (LOCATED ON THE DASH) TO THE FULL FORWARD POSITION. THE PUMP (A) WILL LOOK AS SHOWN.
- 2: ROTATE THE CAM ROLLER (B) ALL THE WAY CLOCKWISE AS SHOWN. USE A BLOCK (PN#TBB-0235) (PURCHASED FROM PECO) MADE AT 20DEGREES TO PLACE ON TOP OF THE CHASSIS (C) AND UNDERNEATH THE CAM (D).
- 3: IF THE ANGLE IS LESS THAN 20 DEGREES; REMOVE THE END OF THE F.R.S. ROD AND SHORTEN THE ROD (CLOCKWISE) TO INCREASE THE ANGLE OF THE CAM.
- 4: IF THE ANGLE IS MORE THAN 20 DEGREES; REMOVE THE END OF THE F.R.S. ROD AND EXTEND THE ROD (COUNTER-CLOCKWISE) TO DECREASE THE ANGLE OF THE CAM.
- 5: AFTER BOTH PUMPS HAVE BEEN ALIGNED, REPLACE THE PUMP SPRING TO IT'S ORIGINAL LOCATION AND REPLACE BOTH THROTTLE CABLES (E). NOTE: WHEN REPLACING THROTTLE CABLES LEAVE 1/16" SLACK IN THE CABLE TO MAINTAIN THE 'NEUTRAL' ALIGNMENT POSITION.
NOTE: IT IS POSSIBLE FOR ONE TRACK TO GO FASTER THAN THE OTHER. IF THIS IS THE CASE, LENGTHEN THE ROD ON THE FASTER TRACK.

PUMP IN FULL FORWARD
POSITION ON THE DASH PANEL

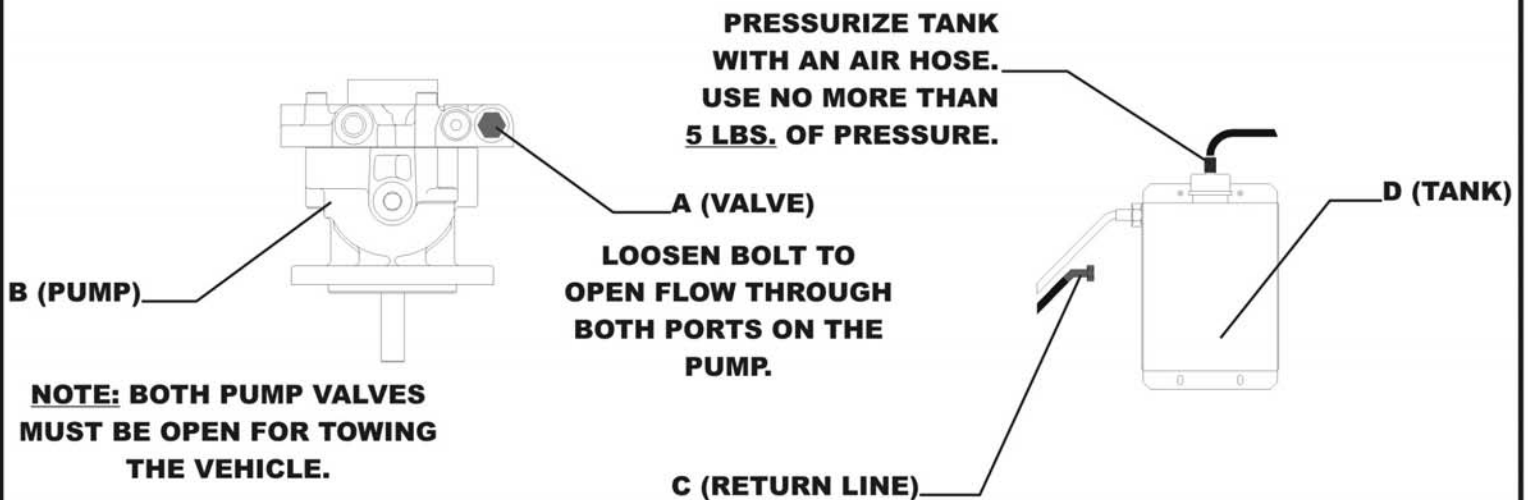


CHARGING THE HYDRAULIC SYSTEM



NOTE: CHARGING THE HYDRAULIC SYSTEM IS ONLY NECESSARY AFTER REPLACING PUMPS, OR AFTER CHANGING THE HYDRAULIC FLUID.

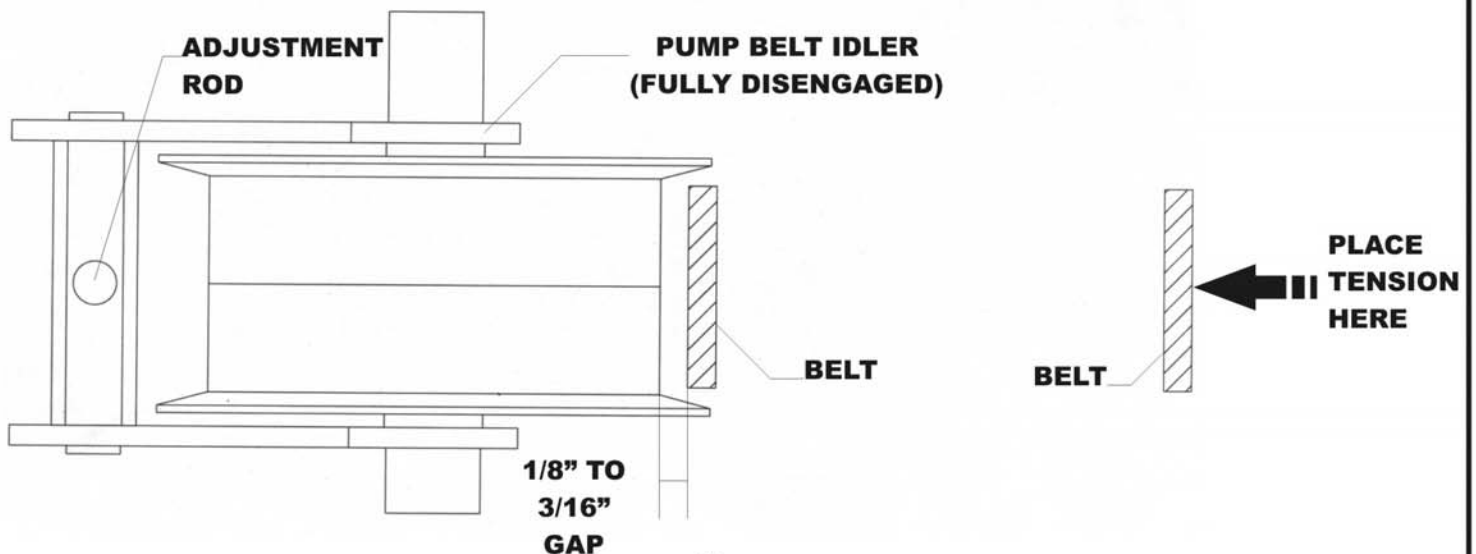
- 1: CAREFULLY LOOSEN BOLT (A) ON EACH PUMP (B) TO OPEN BOTH PORTS. THIS BOLT OPENS THE FLOW FOR THE PUMPS TO BE CHARGED. (DO NOT TAKE BOLT ALL THE WAY OUT. THIS WILL CAUSE LEAKAGE OF THE HYDRAULIC OIL.)**
- 2: REMOVE THE RETURN LINE (C). PLACE A PAN UNDER THE END OF THE LINE FOR LEAKAGE.**
- 3: PRESSURIZE TANK (D) USING NO MORE THAN 5 LBS. OF PRESSURE. (MORE THAN 5 LBS. WILL CAUSE DAMAGE TO THE PUMPS.)**
- 4. WHILE PRESSURIZING WATCH FOR HYDRAULIC OIL FROM THE RETURN LINE. ONCE HYDRAULIC OIL FLOWS FROM THE RETURN LINE THE LINES ARE CHARGED. REPLACE RETURN LINE AND TIGHTEN THE BOLT ON BOTH PUMPS.**



ADJUSTING THE PUMP BELT IDLER



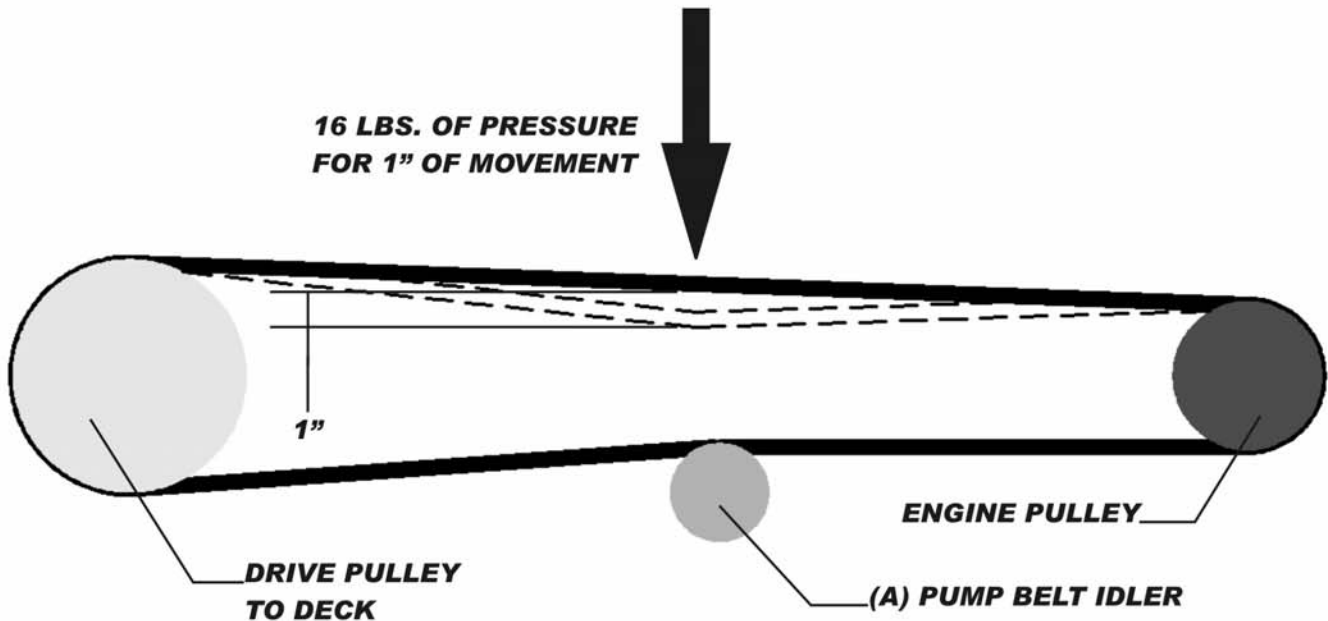
- 1: DISENGAGE THE PUMP BELT IDLER (HANDLE IN DOWN POSITION).**
- 2: PLACE TENSION ON THE OPPOSITE SIDE OF THE BELT. (USE DIAGRAM FOR MORE DETAIL.)**
- 3: WHILE STILL PLACING TENSION ON THE BELT ADJUST THE PUMP BELT IDLER UNTIL THERE IS A 1/8" - 3/16" GAP BETWEEN THE BELT AND THE IDLER. (USE DIAGRAM FOR MORE DETAIL.)**



ADJUSTING THE MOTOR BANDED BELT



- 1: LOOSEN THE PUMP BELT IDLER (A) BY LOOSENING THE IDLER BOLT ON THE TOP OF THE CHASSIS.**
- 2: ENGAGE THE CLUTCH.**
- 3. LOOSEN THE FOUR ENGINE BOLTS.**
- 4. TIGHTEN OR LOOSEN THE 1/2" ADJUSTING BOLT (CLOSEST TO THE OPERATOR) UNTIL THE BANDED BELT IS CORRECTLY TENSIONED.**
THE CORRECT TENSION IS 16 LBS. FOR 1" OF MOVEMENT.
- 5: TIGHTEN THE FOUR ENGINE BOLTS AND RE-TIGHTEN THE PUMP BELT IDLER.**



WARNING:

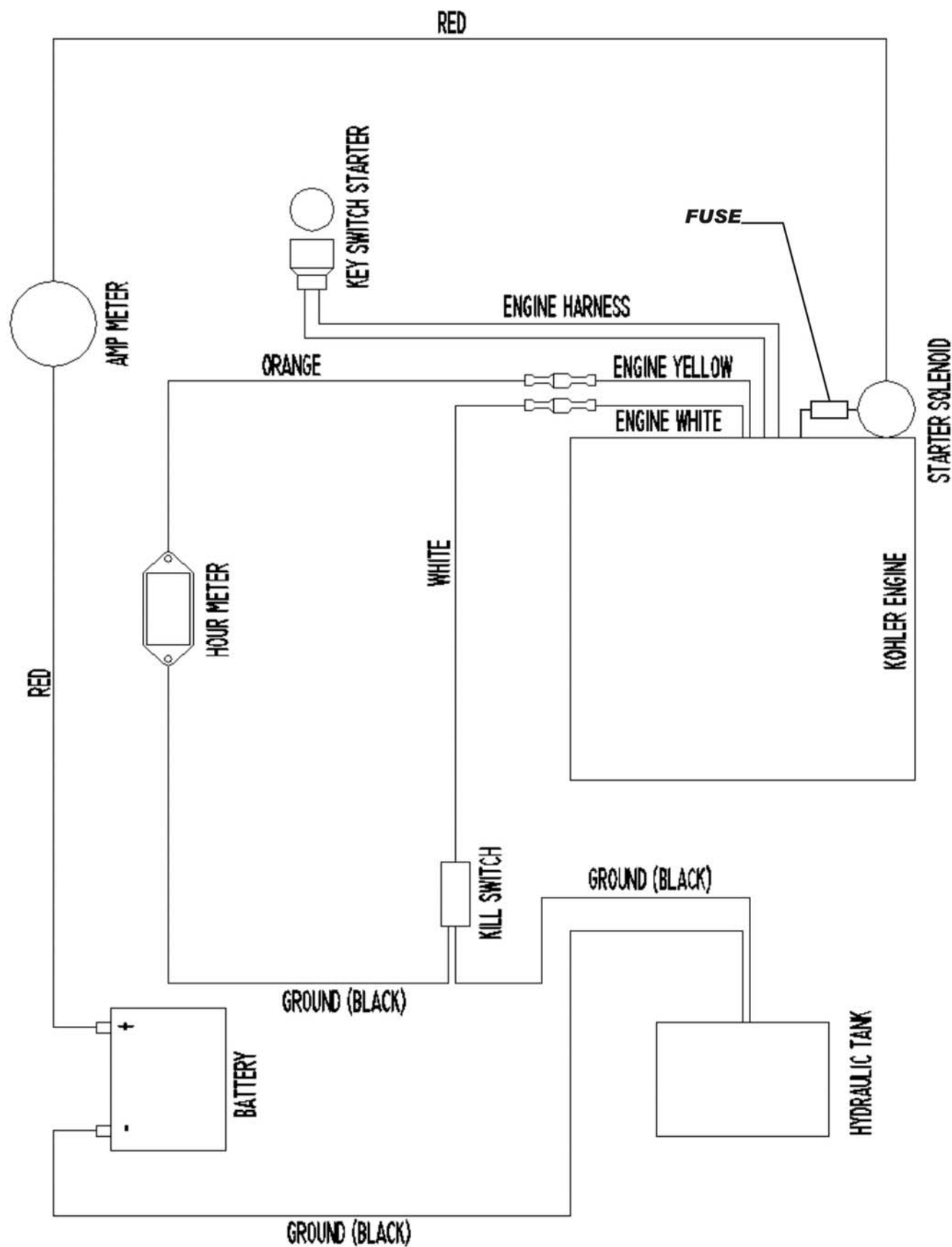
USING SUBSTITUTE BELTS WILL CAUSE SAFETY HAZARDS.

PUMP PULLEY LINE-UP



- 1: ALIGNING THE PUMP PULLEYS WILL REQUIRE THE USE OF A 1/4" PIECE OF STEEL AS A SHIM.**
- 2: FIRST PLACE THE SHIM ABOVE THE PUMP PULLEY AND CHECK FOR A 1/4" SPACING FROM THE TOP OF THE PULLEY TO THE UNDERSIDE OF THE CHASSIS.**
- 3: CHECK THE TOP ENGINE PULLEY FOR THE SAME SPACING.**
- 4: IF THE PULLEYS ARE SPACED INCORRECTLY LOOSEN THE PULLEY WITH THE SET SCREW AND ALIGN WITH THE PROPER SPACING.**
- 5: THE ALIGNMENT OF THE PULLEYS IS CRITICAL, FOR EXTENDING BELT LIFE AND PREVENTING THE BELT FROM JUMPING OFF.**

BRUSH BLAZER WIRING DIAGRAM



BATTERY REPLACEMENT & ELECTRICAL SYSTEM SERVICE



BATTERY REPLACEMENT:

- 1: REMOVE THE ENGINE HOOD.**
- 2: DISCONNECT THE NEGATIVE (-) BATTERY CABLE FIRST TO PREVENT ARCS OR SPARKS.**
- 3: DISCONNECT THE POSITIVE (+) CABLE.**
- 4: REMOVE THE BATTERY HOLD DOWN CLAMP.**
- 5: REMOVE THE BATTERY FROM THE BRUSH BLAZER.**
- 6: CLEAN THE TERMINALS AND CABLE ENDS.**
- 7: INSTALL THE NEW BATTERY OF SAME SIZE (ORDER FROM PECO), AND INSTALL THE BATTERY HOLD DOWN CLAMP.**
- 8: CONNECT THE BATTERY CABLES. CONNECT THE NEGATIVE (-) LAST TO PREVENT SPARKS.**

ELECTRICAL SYSTEM SERVICE:

- 1: THE BATTERY CABLES MUST BE CLEANED & FASTENED TIGHTLY.**
- 2: CHECK THE ELECTROLYTE LEVEL IN THE BATTERY.**
- 3: REMOVE ANY ACID OR CORROSION FROM THE BATTERY WITH BAKING SODA AND WATER SOLUTION.**
- 4. COVER THE TERMINALS WITH GREASE TO PREVENT CORROSION.**
- 5. CHECK ALL WIRES FOR LOOSE CONNECTIONS.**

AIR CLEANER SERVICE, ELEMENT REPLACEMENT, & FUEL SYSTEM



AIR CLEANER SERVICE:

- 1. UNCLIP AND REMOVE THE OUTER AIR FILTER COVER.**
- 2. REMOVE THE WING NUT FROM THE INNER COVER AND REMOVE THE INNER COVER.**
- 3. REMOVE THE PRE-CLEANER AND CLEAN WITH WATER AND DETERGENT. SQUEEZE DRY AND ADD ONE TABLESPOON SAE 30 OIL EVENLY TO PRE-CLEANER.**
- 4. WORK OIL INTO PRE-CLEANER AND WRING OUT EXCESS OIL.**
- 5. INSTALL PRE-CLEANER TO FILTER ELEMENT.**
- 7. INSTALL THE INNER COVER AND NUT.**
- 8. INSTALL THE OUTER COVER AND CLIP BACK INTO PLACE.**

ELEMENT REPLACEMENT:

- 1. UNCLIP AND REMOVE THE OUTER AIR FILTER COVER .**
- 2. REMOVE THE WING NUT FROM THE INNER COVER AND REMOVE THE INNER COVER.**
- 3. REMOVE THE AIR CLEANER ELEMENT AND REPLACE IF DIRTY.**
- 4. INSTALL A NEW FILTER ELEMENT.**
- 5. INSTALL THE INNER COVER AND NUT.**
- 6. INSTALL THE OUTER COVER AND CLIP BACK INTO PLACE.**

FUEL SYSTEM

- 1. USE ONLY UNLEADED GASOLINE IN THE ENGINE.**
- 2. THE KEY SWITCH MUST BE IN THE OFF POSITION AND THE ENGINE MUST BE COOL.**
- 3. ADD FUEL ONLY IN AN AREA THAT HAS A FREE MOVEMENT OF AIR AND NO OPEN FLAMES OR SPARKS. NO SMOKING!**
- 4. AFTER FUEL HAS BEEN ADDED, INSTALL THE FILLER CAP AND TIGHTEN.**

REMOVING THE BELT HOOD & THE ENGINE HOOD



1. FIRST REMOVE THE BELT HOOD BY DISCONNECTING THE RUBBER RETAINERS AT BOTH SIDES, AND AT THE FRONT OF THE HOOD. REMOVE THE HOOD BY LIFTING STRAIGHT UP USING THE HOOD HANDLES.
2. SECOND REMOVE THE ENGINE HOOD BY DISCONNECTING THE RUBBER RETAINERS AT BOTH SIDES OF THE HOOD. LIFT UP TO REMOVE.

SCHEDULED REPLACEMENT

PARTS LIST



PLEASE NOTE: These are only recommended replacement times. The replacement times will vary according to the environment, storage, and operating habits. Replacement times could be shorter or longer.

DESCRIPTION	PART #	HOURS	REQ.
DECK TO COUNTER SHAFT BELT	M0232	400	01
PUMP BELT	M0231	500	01
ENGINE TO COUNTER SHAFT BELT	M0233	300	01
CUTTING BLADES	TBB-0190	016	08
CUTTING TEETH	TBB-0165	004	04
CUTTING BLADE (3/8" x 3/4") SOCKET HEAD CAP SCREWS	K0297	025	16
HAMMER MODULE	TBB-0137	300	04
HAMMER MODULE PIVOT BUSHING	TBB-0163	300	04
HAMMER MODULE WASHER	TBB-0178	300	04
HAMMER MODULE SOCKET HEAD	K0298	300	04
CAP SCREW (3/4"-NC x 2-1/4")			
HAMMER MODULE 3/4" NYLOC NUT	K1433	300	04
BLADE BAR	TBB-0135	600	02
BLADE BAR 1/2" FINE THREAD NYLOC NUTS	K0299	600	10
ZINGA HYDRAULIC OIL FILTER	U0030	050	01
KOHLER ENGINE OIL FILTER #1205001	TBB-0239	200	01 FOR 18HP &26HP
MOTOR OIL (10W30)	TBB-0256		100
IGNITION SPARK PLUG #71RC12YC	TBB-0236	200	02 FOR 18HP &26HP
SERVICE KOHLER PRECLEANER ELEMENT #45083015	TBB-0238	025	01 FOR 18HP &26HP
KOHLER AIR CLEANER ELEMENT #45083025	TBB-0237	100	01 FOR 18HP &26HP
15 MICRON FUEL FILTER	TBB-0243	***	01 FOR 18HP

(NOTE: USE ONLY KOHLER #24-050-02-S)

*** CHECK AND REPLACE AS NEEDED

REPLACEMENT PAINT SPECS: INDUSTRIAL ENAMEL SAFETY YELLOW #B54Y37

HYDRAULIC OIL



WHEN REPLACING HYDRAULIC FLUID THE FOLLOWING GRADES AND LEVELS ARE APPROVED FOR THE BRUSH BLAZER:

MOBIL 1 SYNTHETIC 5W-30, 10W-30, 15W-50
 AMOCO ULTIMATE 10W-40
 SHELL GEMINI 10W-40, 15W-50
 HELIX ULTRA 5W-40, 10W-40

MOBIL SUPER HP 10W-40, 20W-50
 VISCOSITY OIL 10W-40
 AERO SHELL 15W-50

THE BRUSH BLAZER IS SHIPPED WITH AERO SHELL 15W-50

PARTS LIST



<u>NO.</u>	<u>PART #</u>	<u>DESCRIPTION</u>	<u>REQ.</u>
001	TBB-0042	HYDRAULIC TANK ASSEMBLY	1
002	TBB-0019	DECK TUBE ASSEMBLY	2
003	TBB-0029	MOWING DECK ASSEMBLY	1
004	TBB-0037	TOWER ASSEMBLY	1
005	TBB-0199	O. P. S. HANDLE ASSEMBLY	2
006	D1005	KOHLER ENGINE	1
007	P0085	INTERSTATE BATTERY	1
008	U0028	HYDRAULIC MOTOR WITH 5/16" KEY	1
009	U0029	HYDRAULIC MOTOR WITH 5/16" KEY	1
010	U0057	RIGHT HAND PUMP SUCTION ASSEMBLY	1
011	U0060	RIGHT MOTOR SUCTION & DISCHARGE	2
012	U0061	LEFT MOTOR SUCTION & DISCHARGE	2
013	U0055	LEFT HAND PUMP RETURN ASSEMBLY	1
014	U0054	RIGHT HAND PUMP RETURN ASSEMBLY	1
015	U0056	PUMP RETURN TO TANK ASSEMBLY	1
016	U0058	LEFT HAND PUMP SUCTION ASSEMBLY	1
017	U0059	PUMP SUCTION FROM FILTER ASSEMBLY	1
018	X1049	5 GALLON GAS TANK	1
019	X1052	FUEL TANK CAP	1
020	P0080	HOUR METER	1
021	P0081	AMP METER GAUGE	1
022	P0082	NORMALLY CLOSED CAR SWITCH	1
023	U0030	ZINGA OIL FILTER	1
024	U0031	ZINGA OIL FILTER CAP	1
025	M0231	PUMP BELT	1
026	M0233	ENGINE TO COUNTER SHAFT BELT	1
027	V0032	PISTON PUMP	2
028	TBB-0207	CLUTCH PIVOT SLEEVE ASSEMBLY	1
029	TBB-0233	LOWER COUNTER SHAFT MOUNT	1
030	TBB-0012	TREE GATE ASSEMBLY	1
031	TBB-0224	SPRING HOUSING END PLATE ASSY.	2
032	TBB-0035	CONTROL PANEL	1
033	TBB-0036	HOOD	1
034	TBB-0041	TANK STRAPS	2
035	H0143	RUBBER TRACKS	2
036	TBB-0125	LOWER DECK ASSEMBLY	1
037	TBB-0140	SPROCKET ASSEMBLY	2
038	TBB-0129	CHASSIS ASSEMBLY	1
039	TBB-0137	HAMMER MODULE	4
040	TBB-0154	RETURN SPRING	2
041	TBB-0157	WHEEL ASSEMBLY	8
042	TBB-0163	HAMMER MODULE PIVOT BUSHING	4
043	TBB-0194	CUTTING TOOTH	4
044	TBB-0223	OIL FILLER AND TUBE ASSY.	2
045	TBB-0273	F.R.S. CONTROL CABLE	2
047	TBB-0178	HAMMER MODULE WASHER	4
048	TBB-0185	O.P.S. SPRING	1

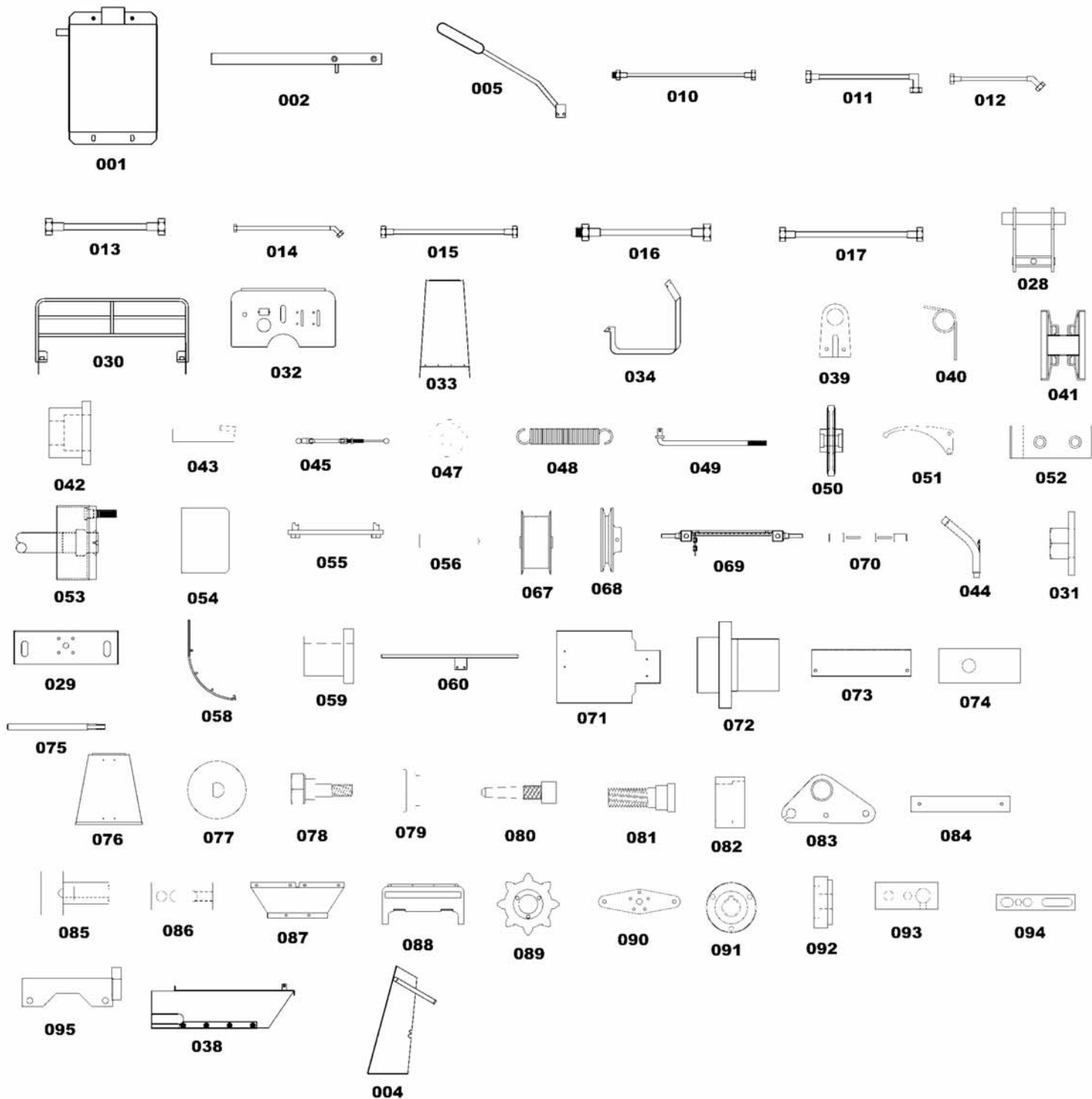
PARTS LIST



<u>NO.</u>	<u>PART #</u>	<u>DESCRIPTION</u>	<u>REQ.</u>
049	TBB-0187	F.R.S. CONTROL LINKAGE ROD ASSEMBLY	2
050	TBB-0188	FRONT WHEEL	2
051	TBB-0189	STEERING HANDLE	2
052	TBB-0190	A2 CUTTING BLADE	4
053	TBB-0197	VINE SHIELD & WHEEL BOLT ASSEMBLY	2
054	TBB-0203	HEAT SHIELD	1
055	TBB-0204	BOLT PLATE (DECK MOUNTING) ASSEMBLY	2
056	V1001	BLACK TEXTURED VINYL HANDLE GRIP	2
057	X1050	FUEL VALVE	1
058	TBB-0174	CHAIN SUPPORT AND BLOCK ASSEMBLY	2
059	TBB-0184	OPERATOR PRESENCE SWITCH BUSHING	2
060	TBB-0202	OPERATOR PRESENCE SWITCH ASSEMBLY	2
061	J1506	40" THROTTLE CABLE	1
062	M3004	PULLEY	1
063	TBB-0162	COUNTER SHAFT PULLEY	1
064	TBB-0161	BLADE PULLEY	3
065	TBB-0145	ENGINE PULLEY	1
066	J0257	2" x 1" x 6" HEAVY DUTY DIE SPRING	2
067	TBB-0056	CLUTCH PULLEY	1
068	TBB-0048	HYDRAULIC PUMP PULLEY	2
069	TBB-0007	SPRING HOUSING ASSY.	1
070	TBB-0008	COUNTER SHAFT	1
071	TBB-0010	LOWER DECK PAN	1
072	TBB-0023	SPINDLE HOUSING	2
073	TBB-0031	BATTERY HOLD DOWN BRACKET	1
074	TBB-0034	DRIVEN WHEEL TAKE UP PLATE	2
075	TBB-0049	FORWARD & REVERSE CONTROL SHAFT	1
076	TBB-0052	BELT HOOD	1
077	TBB-0059	FRICTION WASHER	1
078	TBB-0060	ZERO ADJUST BOLT	2
079	TBB-0061	SHIFTOR PIVOT BUSHING	4
080	TBB-0062	CAM LEVER LOCK SCREW	1
081	TBB-0064	CAM FOLLOWER BOLT	2
082	TBB-0065	CAM FOLLOWER	2
083	TBB-0069	ROLLER CAM ARM	2
084	TBB-0075	SPRING HOUSING STIFFENER BAR	1
085	TBB-0079	CLUTCH HANDLE MOUNT	1
086	TBB-0103	VERTICAL CLUTCH ROD ADJ. BLOCK	1
087	TBB-0108	ENGINE DECK REAR GUARD	1
088	TBB-0118	HOOD FRONT PLATE	1
089	TBB-0126	DRIVE SPROCKET	2
090	TBB-0135	BLADE BAR	2
091	TBB-0139	SPROCKET HUB	2
092	TBB-0146	CAM PIVOT MOUNT BUSHING	2
093	TBB-0148	CAM ZERO ADJUST	2
094	TBB-0149	CAM	2
095	TBB-0150	MOUNT BRACKET ASSY.	2
096	M0232	DECK TO COUNTER SHAFT BELT	1

PARTS LIST

★★★★★★★★



LABEL REPLACEMENT PART NUMBERS

PN# R1036



PN# R1044

⚠ DANGER



To avoid injury from rotating blades, stay clear of deck edge!

PN# R1037

BRUSH BLAZER

PN# R1038



PN# R1039

**UNLEADED
GAS
ONLY**

PN# R1040

HYDRAULIC OIL

PN# R1045

⚠ WARNING



To avoid injury from rotating belts, keep all shields in place.

PN# R1041



PN# R1046

⚠ CAUTION

HELP AVOID INJURY

- Operator training required.
- Read operator's manual.
- Keep shields in place.
- Keep people a safe distance away.
- Maintain all safety devices.

PN# R1042

18HP V-TWIN

PN# R1043

48" DECK

PN# R1047

⚠ DANGER

To avoid injury from rotating blades and thrown objects, stay clear of deck edges and keep people away.



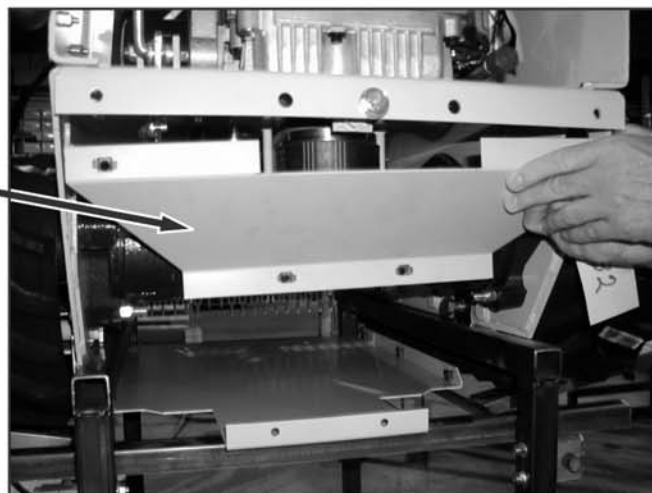
ACCESSING THE PULLEYS & BELTS

☆☆

REMOVING:

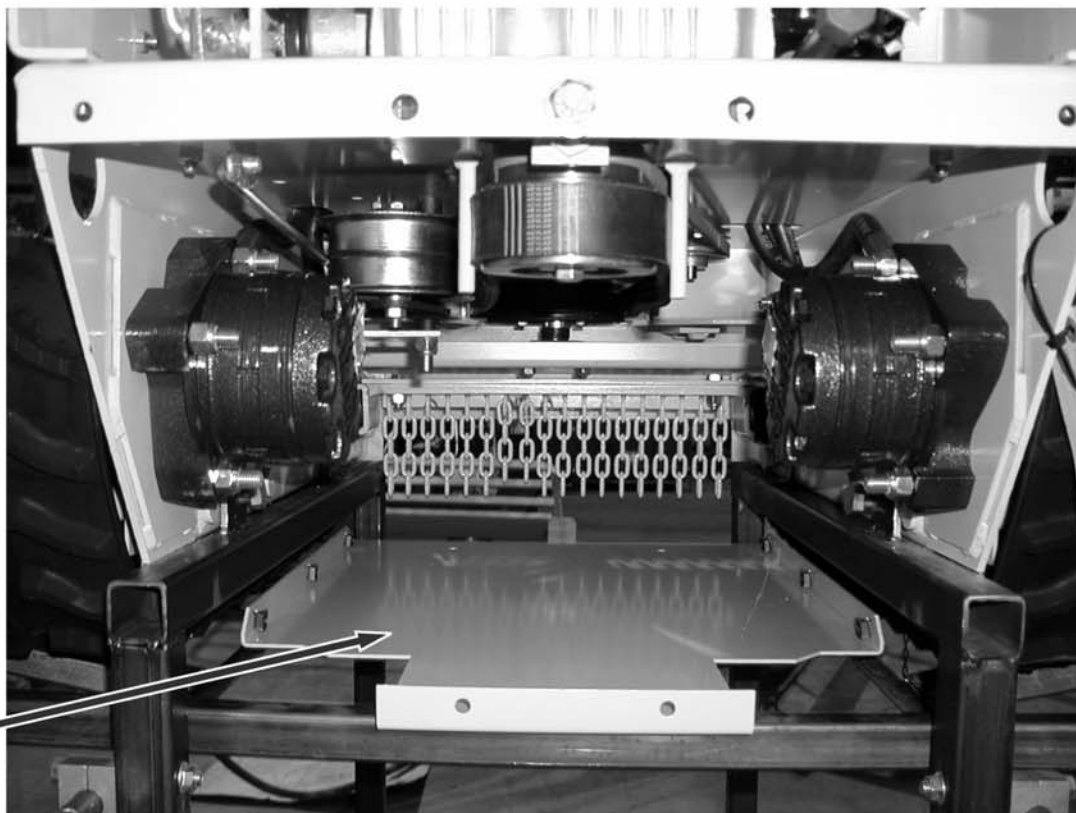
1: UNBOLT THE ENGINE DECK REAR GUARD AS SHOWN IN THE PICTURE BELOW.

**ENGINE DECK
REAR GUARD**



2: UNBOLT THE LOWER DECK PAN AS SHOWN IN THE PICTURE BELOW.

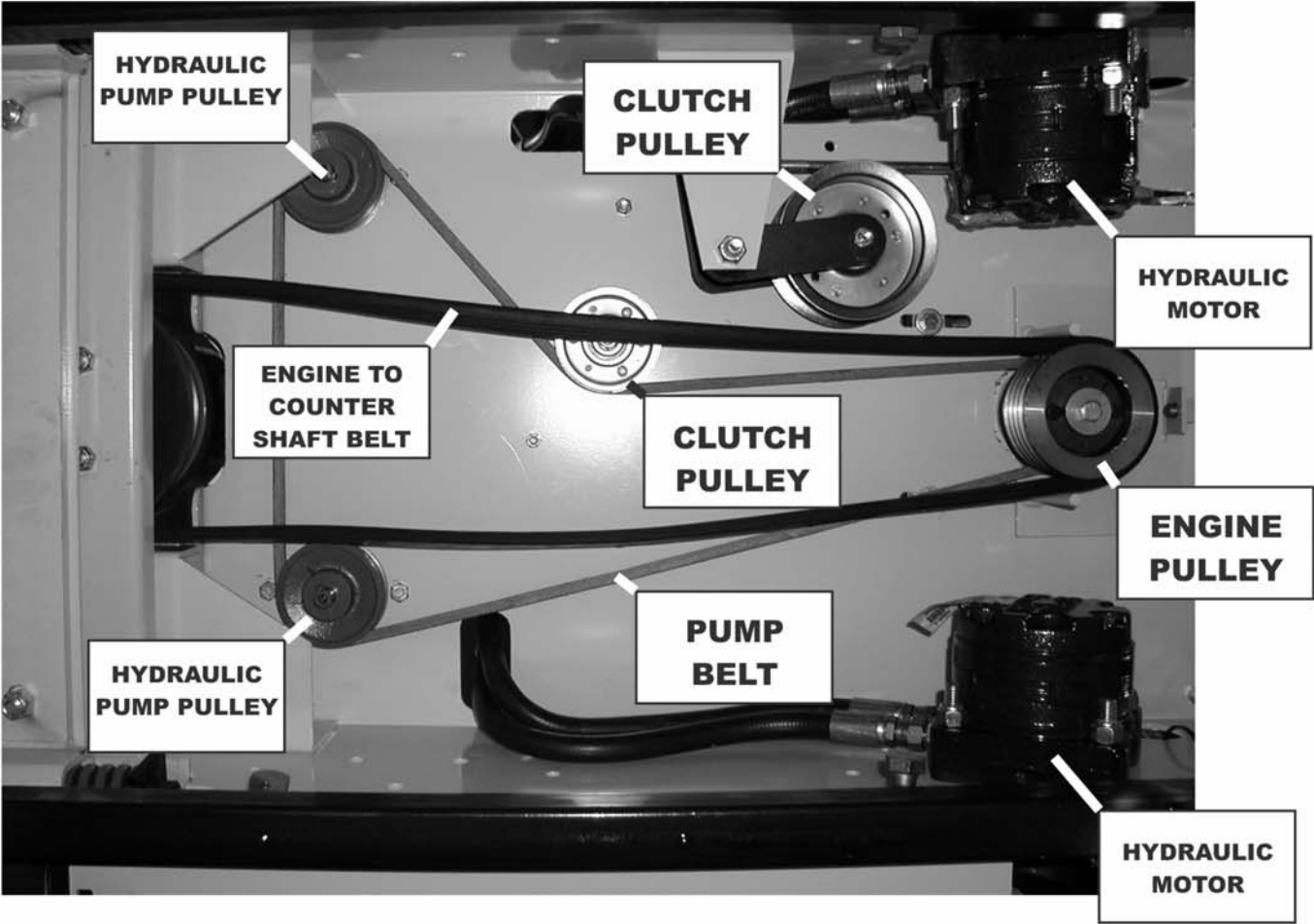
**LOWER
DECK PAN**



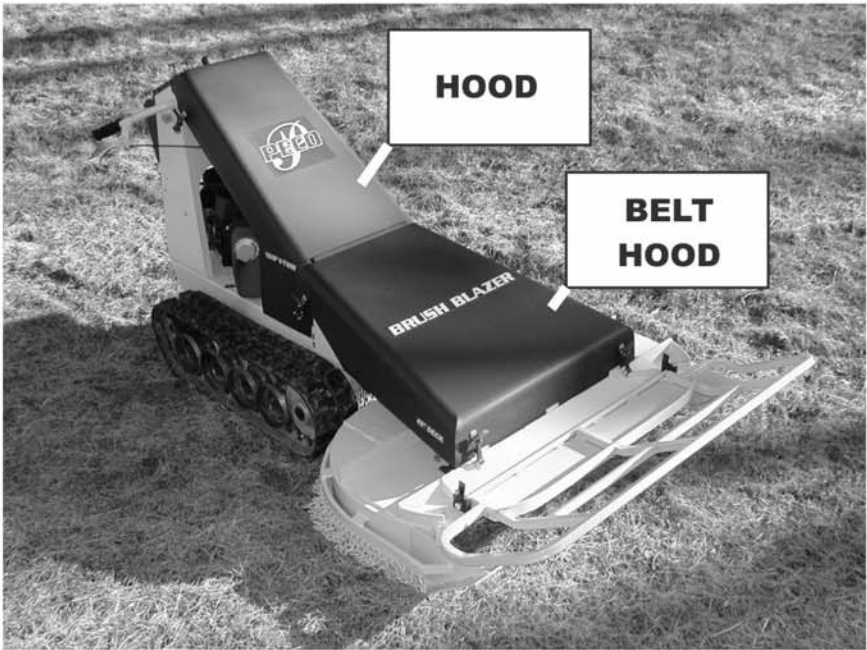
ACCESSING THE PULLEYS & BELTS

☆☆

3: WITH THE LOWER DECK PAN REMOVED YOU SHOULD HAVE TO ACCESS EVERY THING IN THE PICTURE BELOW.



4. UNLATCH AND REMOVE THE HOOD & THE BELT HOOD.

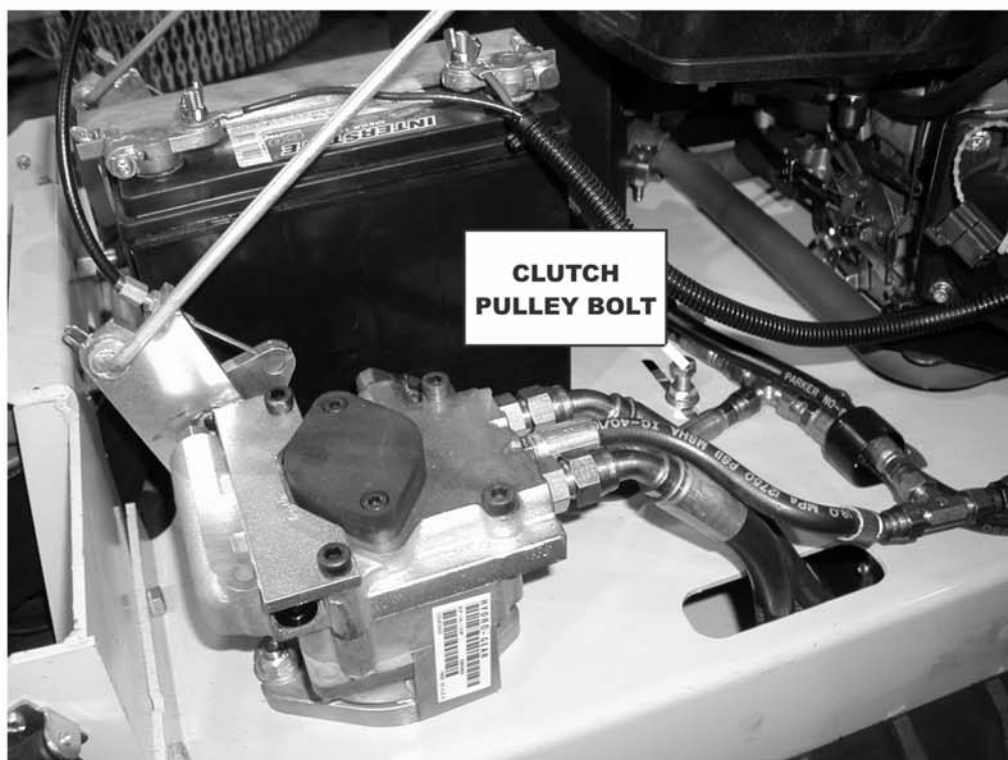
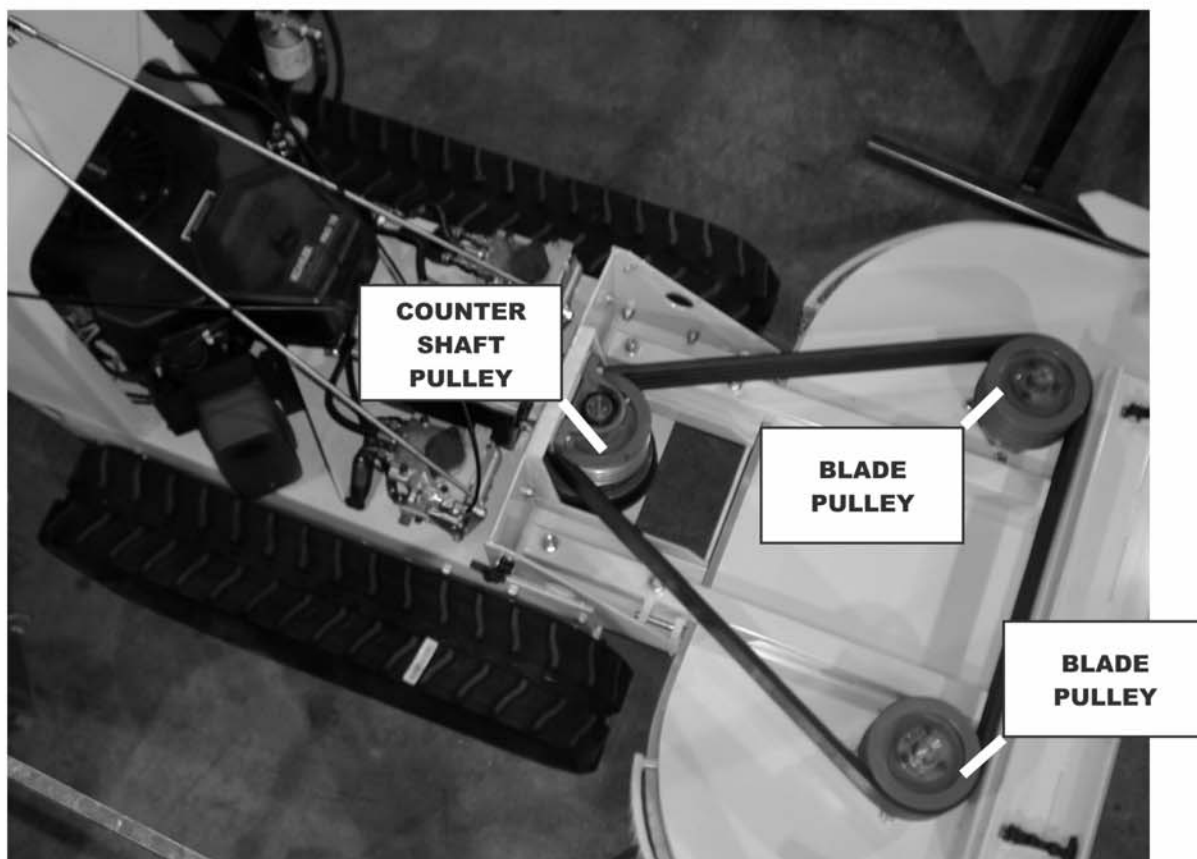


ACCESSING THE PULLEYS & BELTS

☆☆

REMOVING:

5: WITH THE HOOD AND THE BELT HOOD REMOVED YOU SHOULD HAVE ACCESS TO EVERY THING IN THE PICTURES BELOW.



PECO LIMITED WARRANTY FOR THE BRUSH BLAZER



A. WHAT IS WARRANTED?

Peco extends the following warranties to the original purchaser of each new Peco Brush Blazer subject to the following limitations.

- 1. PRODUCT WARRANTY:** Any part of any consumer product, which is defective in material or workmanship as delivered to the purchaser will be repaired or replaced, as Peco elects, without charge for parts or labor, if the defect appears within 90 days from the date of delivery of the product to the original purchaser. **ALL DEFECTIVE PARTS MUST BE RETURNED TO PECO FOR INSPECTION TO DETERMINE VALIDITY OF WARRANTY CLAIMS.** Freight and mailing will be borne by the customer.
- 2. PARTS REPLACED DURING WARRANTY:** Any new Peco part which is furnished in performance of this warranty and is defective in material or workmanship as delivered to the purchaser will be repaired or replaced, as Peco elects, without charge if the defect appears within 90 days from the date of installation of such part or before the expiration of the original warranty period, whichever is later.
- 3. EXCEPTIONS ARE:** Belts are considered wear items and will be covered by a 60 day warranty from date of purchase.

B. SECURING WARRANTY ADJUSTMENTS.

Damaged or broken parts other than engines, batteries, or cutting blades must be returned to:
Peco Inc.

100 Airport Road
Arden, NC 28704

Prior to return of defective part(s) Peco Inc. must be contacted at 1-800-438-5823 for Return Authorization number that must be placed on the outside of the container and should also be included in any correspondence about the part(s) or failure. At the time of requesting warranty adjustment, the purchaser must present evidence of the date of delivery of the product. The purchaser shall pay any charge for transporting the product(s) or Part(s) to and from Arden, NC.

C. ITEMS NOT COVERED BY PECO WARRANTY.

Engines and batteries attached to PECO products are covered under a separate warranty by the respective Manufacturer.

Cutting blades are excluded.

D. UNAPPROVED ALTERATION OR MODIFICATION.

All obligations of Peco, Inc. under this warranty shall be terminated if products are altered or modified in ways not approved by Peco Inc.

E. ACCIDENTS AND NORMAL MAINTENANCE.

The warranty covers only defective material and workmanship. It does not cover depreciation or damage caused by normal wear, accident, improper use or abuse of products. The cost of normal maintenance and normal replacement of service items such as belts, cutting blades, hoses, etc., which are not defective shall be paid for by the purchaser.

F. NO REPRESENTATIONS ADDITIONAL WARRANTIES, DISCLAIMER.

Neither Peco Inc. nor any company affiliated with it makes any warranties, representations or promises as to the quality of performance of its products other than those set forth herein. Except as described above, Peco Inc. makes no other warranties **AND SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OF FITNESS AND MERCHANTABILITY.**

G. REMEDIED EXCLUSIVE.

The only remedies the purchaser has in connection with the breach or performance of any warranty on Peco Inc. consumer products are set forth above. In no event will Peco be liable for special incidental or consequential damages.

H. NO SERVICE CENTER OR DEALER WARRANTY.

The selling Dealer and/or Service Center makes no warranty on his own on any item warranted by Peco Inc. Unless the dealer and/or service center delivers to purchaser a separate written warranty certificate specifically warranting the item. The dealer has no authority to make any representation or promise on behalf of Peco or to Modify the terms of this warranty in any way.

**THE SERIAL NUMBER PLATE IS LOCATED INSIDE
THE TOWER OF THE BRUSH BLAZER.**


ARDEN, NC 28704 1-800-438-5823
MODEL #: TBB-
SERIAL #:

NOTES



NOTES





**100 AIRPORT ROAD
ARDEN, NC 28704
PHONE: 800-438-5823
FAX: 828-684-0858
EMAIL: peco@ioa.com
WEBSITE: WWW.LAWNVC.COM**