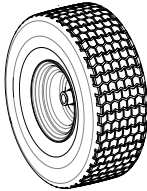
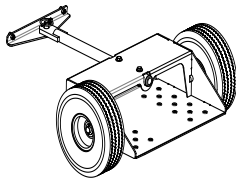


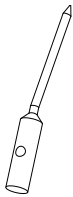



BILLY GOAT HYDRO AERATOR Owner's Manual AE900H

Accessories

FOAM TIRES
Reduces chance for flat tires and also adds weight to the machine

P/N 362601

CHARIOT KIT
Allows the user to ride behind the unit. Saving fatigue from walking.

P/N 362600

SOLID SPIKE TINE
Complete set of spike tines for the AE's reel.

P/N 360394-S

TINE KIT
Individual coring tine for replacement of worn or broken tines.

P/N 360100



CONTENTS

SPECIFICATIONS AND SOUND/VIBRATION	3
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OPERATION	6
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Specifications

AE900H

Engine: HP	9 (6.7 kW)
Engine: Model	GX2700UTQA2
Engine: Type	Honda OHV
Engine: Fuel Capacity	6.4 qt. (6.1 L)
Engine: Oil Capacity	1.16 qt. (1.1 L)
Total Unit Weight:	502# (228 Kg)
Max. operating slope	20°
Sound test in accordance with 2000/14/EC	102dB(a)
Sound at operators ear	82dB(a)
Vibration at operator position	0.7g (6.51 m/s ²)

SOUND



SOUND LEVEL 82 dB(a) at Operators Position

102

Sound tests were conducted in accordance with 2000/14/EC, and were performed on 3/17/14 under the conditions listed below.

⚠ Sound power level listed is the highest value for any model covered in this manual. Please refer to serial plate on the unit for the sound power level for your model.

General Conditions: Sunny
 Temperature: 47°F (8°C)
 Wind Speed: 9 mph (14.5 kph)
 Wind Direction: Southwest
 Humidity: 41%
 Barometric Pressure: 29.8Hg (101 kpa)

VIBRATION DATA

VIBRATION LEVEL .7g (6.51 m/s²)

Vibration levels at the operator's handles were measured in the vertical, lateral and longitudinal directions using calibrated vibration test equipment. Tests were performed on 3/17/14 under the conditions listed below.

General Conditions: Sunny
 Temperature: 47°F (8°C)
 Wind Speed: 9 mph (14.5 kph)
 Wind Direction: Southwest
 Humidity: 41%
 Barometric Pressure: 29.8Hg (101 kpa)

INSTRUCTION LABELS

The labels shown below were installed on your BILLY GOAT® Aerator. If any labels are damaged or missing, replace them before operating this equipment. Part numbers from the Illustrated Parts List are provided for convenience in ordering replacement labels. The correct position for each label may be determined by referring to the part numbers shown.



LABEL WARNING GUARDS
P/N 900327



LABEL EXPLOSIVE FUEL
P/N 400268



LABEL HIGH PRESSURE
P/N 362506



LABEL DUMP VALVE
P/N 501504



LABEL HYDRAULIC INST
P/N 362507



LABEL WARNING GUARDS
P/N 400424



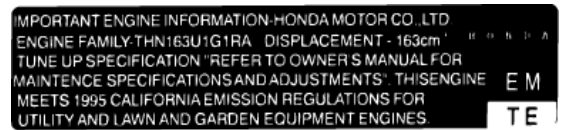
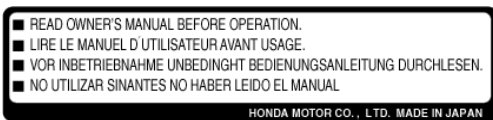
LABEL HOT SURFACE
P/N 100258



LABEL INSTRUCTIONS AE
P/N 362501

ENGINE LABELS

HONDA





PACKING CHECKLIST

Your Billy Goat is shipped from the factory in one carton, completely assembled.



READ all safety instructions before assembling unit.

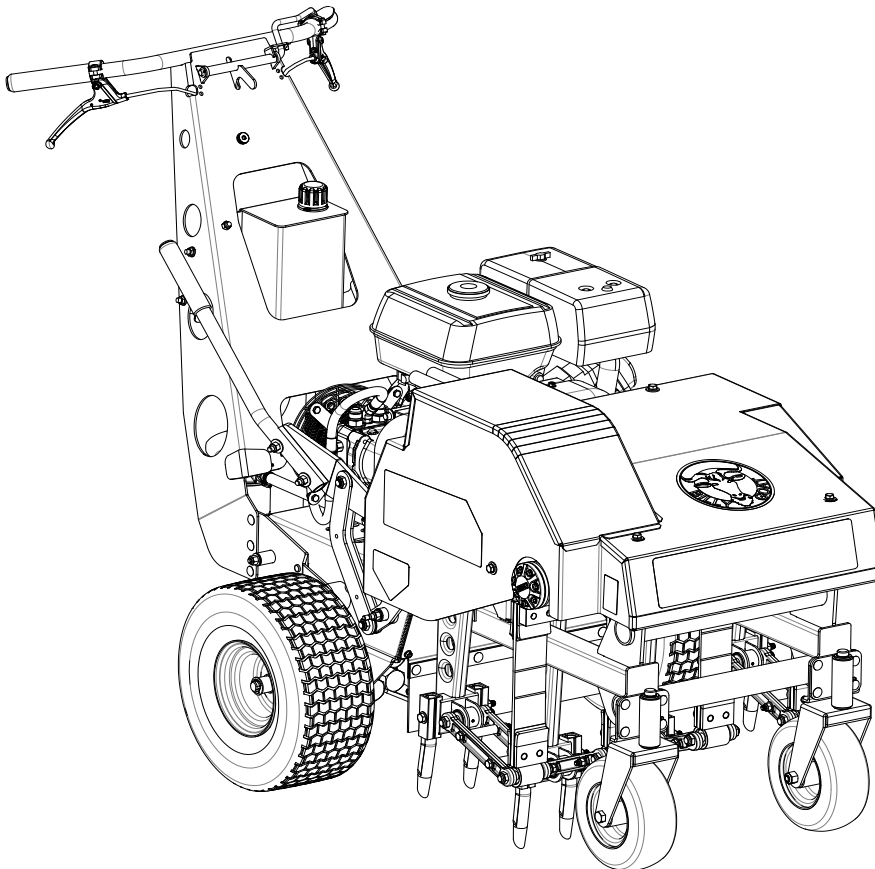
TAKE CAUTION when removing the unit from the box.



PUT OIL IN ENGINE BEFORE STARTING

PARTS BAG & LITERATURE ASSY

Warranty card P/N- 400972, Owner's Manual P/N-362500, General Safety and Warnings Manual Renovation-100295.



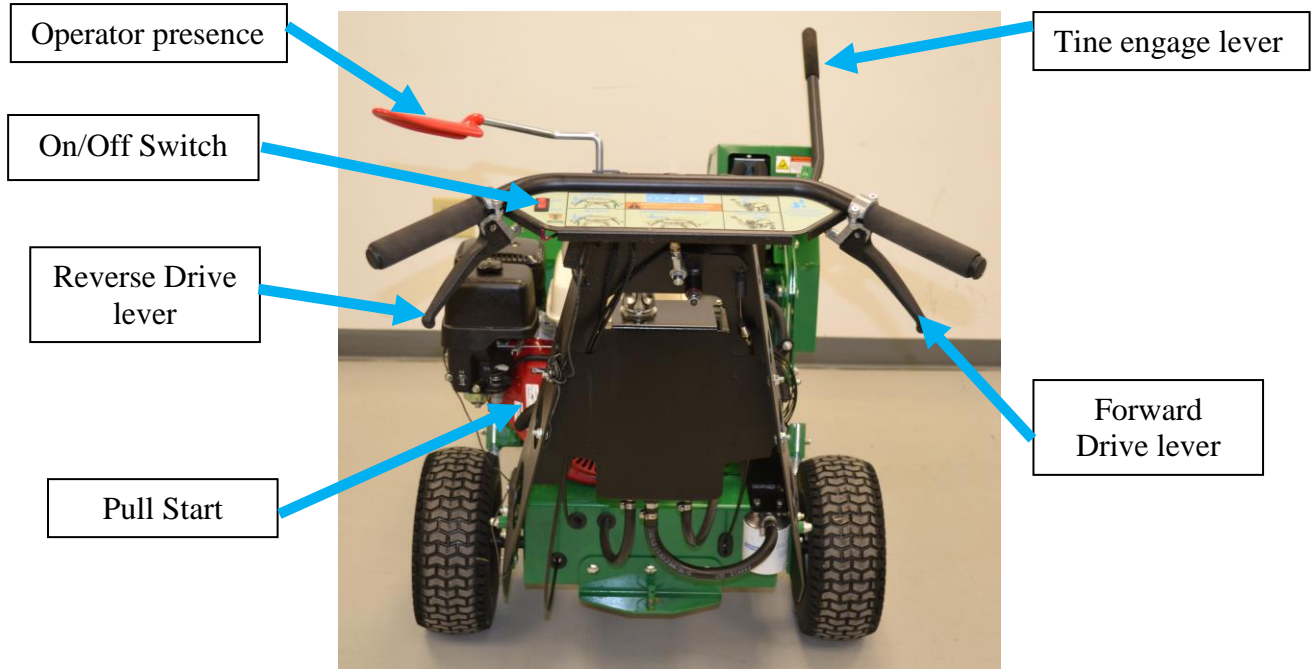
Boxing Parts Checklist

- Owner's Manual
AE900H 362500
Engine Manual Per
Model
- Honda 9.0 HP

ASSEMBLY

1. **CHECK** engine oil level and fill to proper level.
2. **CONNECT** spark plug wire. Set the engine stop switch to the **ON** position. You will use the stop switch on the handle during operation.

CONTROLS





OPERATION

PARKING

NEVER PARK THIS UNIT ON A SLOPE OF ANY KIND. Always keep tines in the up position when parking the unit.

SPEED

It is recommended for proper aerating performance that the engine be operated at maximum RPM. Control ground speed using the forward/reverse drive levers. Speed is proportional to the extent the levers are actuated.

TINES RAISING/LOWERING

The tines are raised or lowered into the ground by operating the tine engagement lever on the right of the machine. When engaging the ground, be sure that lever cams over and locks into place. Tine penetration is very dependent on surface preparation. When removing the tines from the engagement position, make sure the lever fully cams over into the forward position for transport. READ the entire operation section before aerating.

AERATING OPERATION

MOW: Mow the lawn to its normal cut height.

WATER: For the best performance and maximum tine penetration the lawn should be thoroughly watered the day before aeration.

INSPECT lawn before beginning work. Remove all rocks, wire, string, or other objects that can present a hazard during work prior to starting.

IDENTIFY and mark all fixed objects to be avoided during work, such as sprinkler heads, water valves, buried cables, or clothes line anchors, etc.

START ENGINE: See Safety and General Operation manual.

ENGAGE TINES: With the aerator in the work area, lower the tines into the ground with the tine lowering lever and engage the tine lever on the left hand side of the handle.

AERATE: With the tines engaged, engage either the forward or reverse drive lever for the desired direction of travel. Note: Core spacing on this machine is determined by speed. The faster you travel the further the spacing between cores pulled and vice versa. **NOTE: The hydraulic system may seem sluggish until the oil reaches a normal operating temperature.**

TRANSPORT: Be sure to lift the tine engagement lever (tines out of the ground) before transporting away from the work area.

AERATING TIPS

WATER: For the best performance and maximum tine penetration, the lawn should be thoroughly watered the day before aeration.

SLOPES: Do not operate the aerator on steep slopes. Use extreme caution when operating on any sloped surface. For lesser sloped areas operate the unit, traversing up and down at a 45 degree angle to the slope rather than straight across. Extended operation on steep slopes can cause engine damage.

NOTE: **DO NOT** release the operators clutch bail when operating on a slope. This will allow the unit to free wheel and allow the unit to roll down the slope.

NOTE: Honda engines are equipped with a low oil sensor to prevent engine damage. When it senses a low oil condition (i.e. unit is operating or sitting on a steep slope) the engine shuts down. The maximum operating slope for the engine is 20°. The low oil condition must be corrected before the engine can be restarted. See the engine owner's manual for more information.



MAINTENANCE

PERIODIC MAINTENANCE

Periodic maintenance should be performed at the following intervals:

Maintenance Operation	Every Use (daily)	Every 10 hrs	Every 25 hrs	Every 50 Hours
Inspect for worn or damaged parts.	●			
Check for loose parts	●			
Check engine oil.	●			
Thoroughly clean all debris from unit and tine arms	●			
Oil chains (see lubrication).		●		
Lubricate speed control cables and linkage		●		
Lubricate clutch control cable and linkage		●		
Check Hydraulic oil			●	
Grease front caster assemblies			●	
Inspect belt for wear.				●
Check rear tire pressure				●

FOR INFORMATION REGARDING SERVICE INTERVALS FOR ENGINE, REFER TO SUPPLIED ENGINE MANUAL

ENGINE MUST BE LEVEL WHEN CHECKING OR FILLING OIL

SERVICING HYDRAULIC SYSTEM

NOTE: Do not service hydraulic system when it is hot.



READ all safety instructions before servicing unit.



DISCONNECT spark plug wire before servicing unit.

1. To check the hydraulic oil level, twist the breather cap on the oil tank counter-clockwise ¼ turn and remove. When looking inside the filler hole, you should fill the tank so that you can just see oil start to cover the bottom of the internal strainer. Use 20W-50 engine oil for normal operating temperatures and for colder climates switch to 15W-40. An excellent choice for colder climates is Mobil 1 0W-40 Synthetic oil. Over-filling the tank will result in excess oil sloshing out of the breather during operation.
2. To change the oil filter it is advisable to clamp the hose from the tank prior to loosening the filter in order to prevent excessive spilling of hydraulic oil.
3. Remove filter by un-screwing counter-clockwise from filter base.
4. When replacing filter (Billy goat P/N 362396), it is recommended to spread a thin coat of oil on the rubber gasket of the filter prior to re-installing.
5. After the rubber gasket seats, turn an additional 2/3 turn.

INDIVIDUAL TINES REPLACEMENT

1. While it is possible to replace only one tine at a time, it is recommended to replace tines in pairs on a tining arm.
2. To replace tines, simply remove the 3/8" bolt that passes through the tining arm assembly. In this way, the tines can be removed from the arm by sliding outward from the tining arm
3. Remove the worn or broken tines from the assembly
4. Inspect the bolt for wear, straightness, or thread damage. If the bolt is damaged, it should be replaced. This bolt is a Grade 8 fastener. Replacing with a weaker bolt is not recommended.
5. To re-install, place a washer, tine holder and then a tine onto the bolt. Now install these onto the tining arm with the open side of the tine facing the rear of the machine. Once the bolt is through the tining arm, place another tine on the bolt, then a tine holder. Finally, install a washer and nylon inserted lock nut. Tighten the assembly. Be carefull not to over tighten which will bend the tine holders.

NOTE: Tines are a normal wear item and should be inspected regularly for signs of wear or damage.

BELT AND CHAIN TENSION ADJUSTMENT



READ all safety instructions before servicing unit.



WARNING:

DISCONNECT spark plug wire before servicing unit.

ADJUSTING BELT TENSION-

1. Proper belt tension needs to be maintained to prevent slippage during operation. When bail is fully actuated the length of the coiled portion of the clutch cable spring should be 1.75".
2. If the clutch cable spring needs adjustment, loosen the jam nuts holding the cable on the handle assembly and adjust the cable either in or out to shorten or lengthen the spring.
3. Once proper adjustment is reached, tighten the jam nuts.
4. Once adjustment is made, re-install spark plug wire and test adjustment. The machine hydraulic pump and transaxle should dis-engage when the bail is released. There should be no evidence of belt slippage (reduced ground speed or slow tine RPM) when operating the machine with bail engaged.

NOTE: Never release the clutch on a slope. The unit is heavy and will free wheel downhill.

NOTE: A worn belt will not allow for proper adjustment and must be replaced.

ADJUSTING CHAIN TENSION-

1. Remove the hood (item 4) by removing the seven bolts, washers, and lock washers. (items 111,119,128), that secure it to the tining frame.
2. Locate the bolt (item 31, 33) and nut (item 80) that hold each chain idler sprocket to the tining frame of the unit. One idler sprocket sets tension on the left tine drive chain and one sets tension on the right tine drive chain.
3. Loosen the bolt and nut and slide the idler sprocket (item 29) in the desired direction.

INCREASED TENSION: Slide the sprocket up.

DECREASED TENSION: Slide the idler sprocket down.

4. Tighten the bolt and nut to secure the sprocket in place.
5. Replace the hood and reinstall the sevn bolts, washers, and lockwashers that secure it in place.

NOTE: Over tensioning the chain will cause premature chain and sprocket wear. **DO NOT OVER TENSION THE CHAIN.** A properly tensioned chain will have slack of 3/8"-1/2" when moved by hand.



AE900H Owner's Manual

DRIVE BELT REPLACEMENT



READ all safety instructions before servicing unit.



WARNING:

DISCONNECT spark plug wire before servicing unit.

1. Disconnect spark plug wire.
2. Loosen four screws (112) holding belt cover (10) and remove the cover.
3. Examine condition of belt. Look for cracks, splits, delamination or damage to outer covering. Any of these things might warrant replacement.
4. If the idler is not providing enough tension inspect the clutch cable spring (item 231) underneath the handle. This spring body should stretch to a length of 1.75" when the operator presence handle is actuated. If not enough tension is being put on the spring this could mean a stretched belt, but most likely the cable needs adjusted. Simply loosen the jam nuts holding the cable on the handle assembly and adjust the cable either in or out to shorten or lengthen the spring. Re-tighten nuts and check spring stretch.
7. Replace belt cover (10) and secure with screws removed earlier.
8. Reconnect spark plug wire.
9. Check belt tension by operating unit under conditions that caused belt slippage. If belt continues to slip it may require replacement before operation may continue.

CHAIN REPLACEMENT

1. Remove the hood (item 4) by removing the seven bolts, washers, and lock washers. (items 111,119,128), that secure it to the timing frame.
2. Locate the bolt (item 31, 33) and nut (item 80) that hold each chain idler sprocket to the timing frame of the unit. One idler sprocket sets tension on the left tine drive chain and one sets tension on the right tine drive chain.
3. Loosen the bolt and nut and slide the idler sprocket (item 29) to the bottom of the slot in the bracket.
4. Locate the master link in the chain and remove.
5. When installing new chain make sure that the inner crank arm is lined up with the inner crank arm of the opposite side. In operation, the two inner timing arms move together and the two outer timing arms move together. Any other timing of the arms will result in unsatisfactory performance of the machine.
6. Once new chain is installed,
7. Replace the hood and reinstall the seven bolts, washers, and lock washers that secure it in place.

NOTE: Over tensioning the chain will cause premature chain and sprocket wear. **DO NOT OVER TENSION THE CHAIN.** A properly tensioned chain will have slack of 3/8"-1/2" when moved by hand.

LUBRICATION

CHAINS-

1. Remove the top guard by removing the four nuts, two on each side that secures it to the frame.
2. Apply a light coat of No. 30 Oil or a penetrating chain lubricant to keep the chain clean and in good running order.
3. Replace the guard and reinstall the four screws that secure it in place.

NOTE: If machine is cleaned with a pressure washer the chains should be lubricated after each cleaning.



Troubleshooting

Problem	Possible Cause	Solution
Engine will not start.	Stop switch off (Honda only). Throttle in off position. Engine not in full choke position. Out of gasoline. Bad or old gasoline. Spark plug wire disconnected. Dirty air cleaner. Engine oil level too low (Honda only).	Check stop switches, throttle, choke position and gasoline. Connect spark plug wire. Clean or replace air cleaner. Or contact a qualified service person. Check and fill engine oil.
Abnormal vibration.	Damaged or missing tines. Loose handle bolts. Loose engine bolts.	Stop work immediately. Replace any damaged or missing tines. Tighten all loose bolts and nuts.
Engine stalls or labors when aerating	Working on too steep of a slope. Not enough oil in the engine. Hydraulic oil not up to operating temperature	Work at 45 degrees to the slope moving up and down instead of of across. Check and add engine oil. Allow for hydraulic oil to reach operating temperature
Engine is locked, will not pull over.	Debris locked against reel, or drive pulleys. Engine problem.	Pull spark plug wire and remove debris. Contract an engine servicing dealer for engine problems.
Unit does not move when clutch is engaged.	Belt drive out of adjustment. Worn drive belt. Loose or damaged chain or sprockets. Loose or damaged pulleys. Damaged or broken clutch cable. Transmission bypass set in free-wheel	See maintenance on pg. 12 of this manual. Contact a qualified servicing dealer. Set transmission bypass in drive

When servicing engine refer to specific manufacturer's engine owner's manual. All engine warranty is covered by the specific engine manufacturer. If your engine requires warranty or other repair work contact your local servicing engine dealer. When contacting a dealer for service it is a good idea to have your engine model number available for reference (See table page 3). If you cannot locate a servicing dealer in your area you can contact the manufacturer's national service organization.

To reach: **American Honda:** 800-426-7701

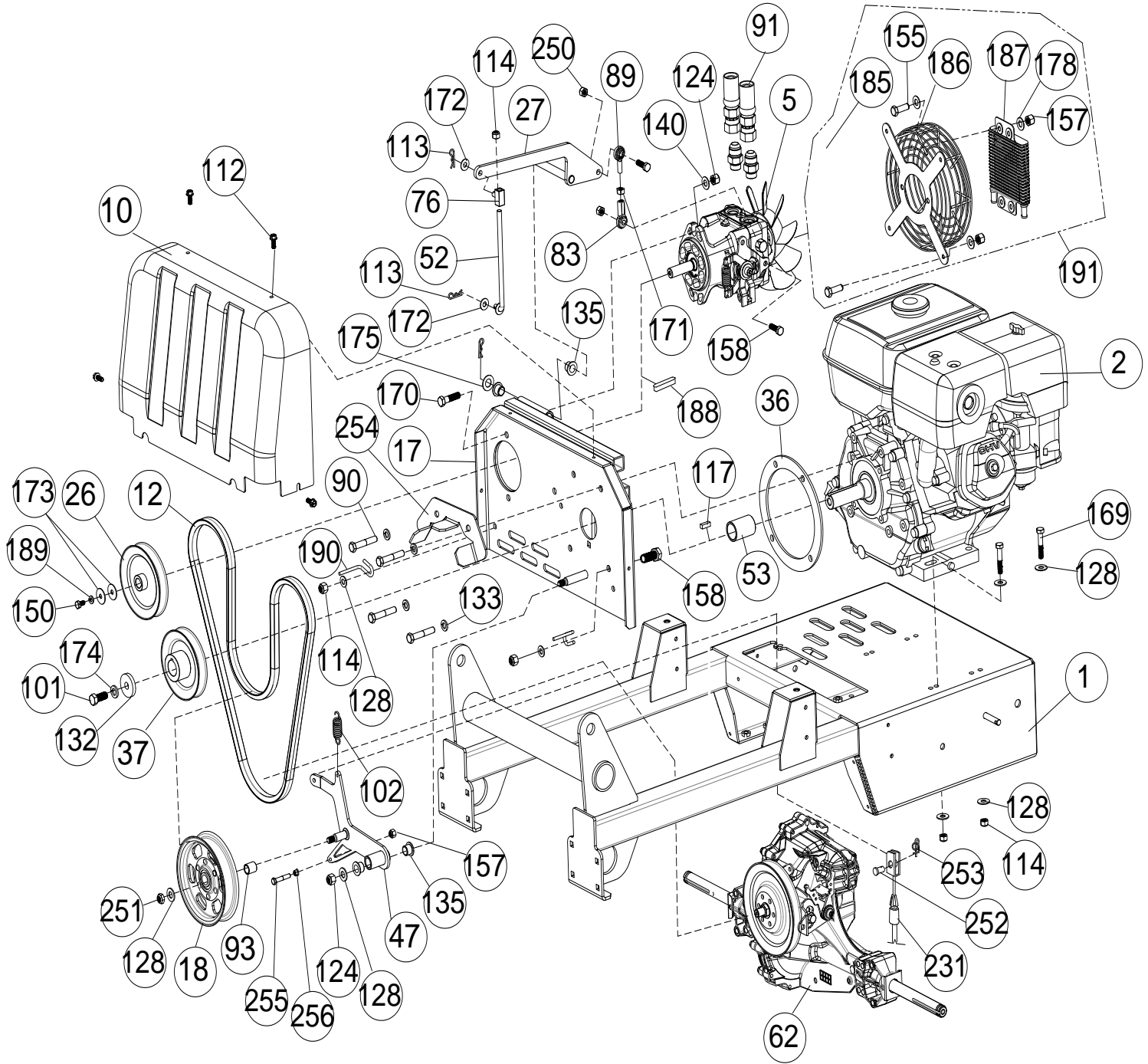
WARRANTY CLAIM PROCEDURE

Should a BILLY GOAT[®] machine fail due to a defect in material and/or workmanship, the owner should make a warranty claim as follows:

- The machine must be taken to the dealer from whom it was purchased or to an authorized Servicing BILLY GOAT Dealer.
- The owner must present the remaining half of the Warranty Registration Card, or, if this is not available, the invoice or receipt.
- The Warranty Claim will be completed by the authorized BILLY GOAT Dealer and submitted to their respective BILLY GOAT Distributor for their territory Attention: Service Manager. Any parts replaced under warranty must be tagged and retained for 90 days. The model number and serial number of the unit must be stated in the Warranty Claim.
- The distributor service manager will sign off on the claim and submit it to BILLY GOAT for consideration.
- The Technical Service Department at BILLY GOAT will study the claim and may request parts to be returned for examination. BILLY GOAT will notify their conclusions to the distributor service manager from whom the claim was received.
- The decision by the Technical Service Department at BILLY GOAT to approve or reject a Warranty Claim is final and binding.

Make sure that the product is registered with Billy Goat. For online product registration go to www.billygoat.com

PARTS DRAWING ENGINE AE900H



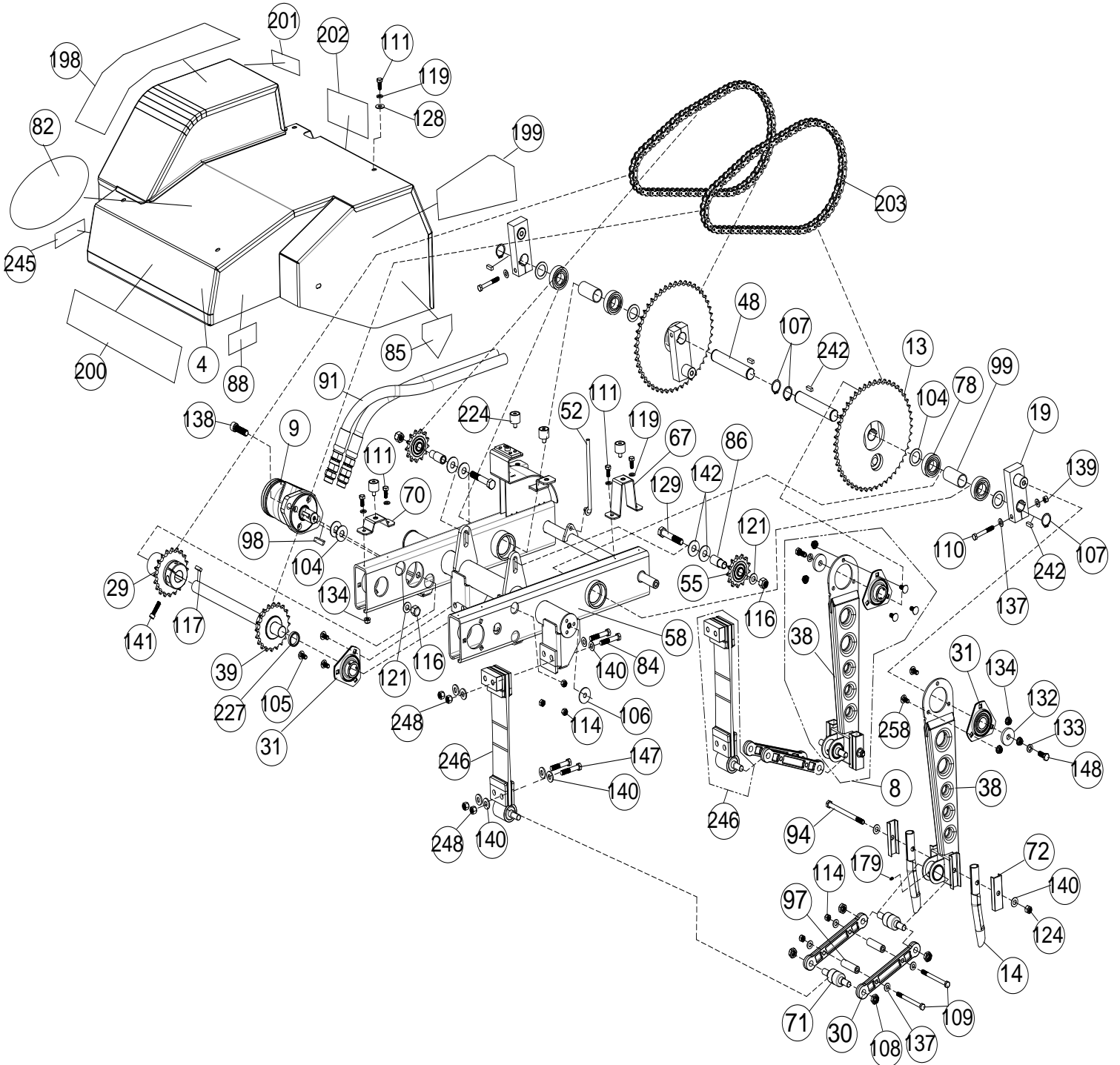


AE900H Owner's Manual

PARTS LIST ENGINE AE900H

Item No.	Part No.	Description	Qty
1	362602	ENGINE BASE WA	1
2	430287	ENGINE HONDA GX270 9 HP	1
5	362225	PUMP PK 12cc VARIABLE DISPLACEMENT	1
10	362327	GUARD BELT AE900	1
12	362337	BELT HP GP AMD EFF. LENGTH 64.04"	1
17	362111	PLATE PUMP MOUNT	1
18	362275	PULLEY 5.00" OD FLAT IDLER	1
26	362303	PULLEY 4.75 OD X .591 ID 5L	1
27	362116	ARM ENGAGE PUMP WA	1
36	440009	SPACER RING ENGINE	1
37	362273	PULLEY 4.50" OD X 1.00 ID 5L	1
47	362112	IDLER ARM WA AE900	1
52	362372	ROD PUMP ENGAGE	1
53	362406	SPACER ENGINE CRANKSHAFT	1
62	362332	TRANSAXLE AE900	1
76	362280	END ROD SLIDING	1
83	351278	SPHERICAL ROD END MSF-5	1
89	351277	SPHERICAL ROD END MSM-5	1
90	8041054	SCREWCAP 3/8"-16 X 2" HCS ZP	4
91	362279	HOSE HYDRAULIC W#10 JIC	2
93	362415	SPACER .75 OD X 11 GA	1
101	510213	SCREWCAP 7/16" - 20 X 1" HCS GR 8 W/PATCH	1
102	800242	SPRING EXTENSION	1
112	890359	SCREW SELF TAP 1/4"-20 X 5/8" HWH TYPE F	6
113	900471	PIN HAIR 1/4" ZP	3
114	8160002	NUT LOCK 5/16"-18 HEX ZP	9
117	9201113	KEY 1/4" SQ X 1.00"	1
124	8160003	NUT LOCK 3/8"-16	3
128	8171003	WASHER 5/16" FLAT ZP	12
132	440153	WASHER 1.5" OD X .453 ID X .25" THK	1
133	8177012	WASHER LOCK 3/8" S/T MED	4
135	362254	BUSHING .500" ID	4
140	8172009	WASHER 3/8" SAE	2
150	370128	SCREWCAP M6 X 14	1
155	8041004	SCREWCAP 1/4" - 20 X 3/4" GR 5 HCS ZP	8
157	8160001	NUT LOCK 1/4"-20 HEX ZP	9
158	8041028	SCREWCAP 5/16" - 18 X 1" GR 5 HCS ZP	4
169	8041031	SCREWCAP 5/16" - 18 X 1 3/4" GR 5 HCS ZP	4
170	8041052	SCREWCAP 3/8" - 16 X 1 1/2" HCS ZP	2
171	8142002	NUT 5/16"-18 HEX ZP	1
172	8171002	WASHER 1/4" FLAT ZP	6
173	8172019	WASHER FLAT FENDER 1/4"	2
174	8177013	WASHER LOCK 7/16" S/T MED	1
175	900230	WASHER 1/2" FLAT KD WHEEL MTG	1
178	8172007	WASHER 1/4" SAE	13
185	362330	BRACKET GUARD FAN	1
186	362331	GUARD WIRE PUMP FAN	1
187	362325	COOLER OIL	1
188	362380	KEY FEATHER 5MM X 5MM X 30MM	1
189	370120	WASHER SPLIT M6	2
190	370120	BELT FINGER AE900	2
191	362351	KIT FAN GUARD	1
231	362276	CABLE CLUTCH BELT AE900	1
250	8161041	NUT LOCK 5/16"-18 LT WT TH ZP	1
251	8161042	NUT LOCK 3/8"-16 LT WT TH ZP	1
252	440124	PIN CLEVIS 0.25 X 0.50	1
253	371275	1/4" RUE RING	1
254	862318	BRACKET BELT GUILD UPPER	1
255	8041010	SCREWCAP 1/4"-20 X 2" HCS ZP	1
256	900455	NUT WHIZ 1/4"-20 WASH FACE	1

PARTS DRAWING TINE AE900H

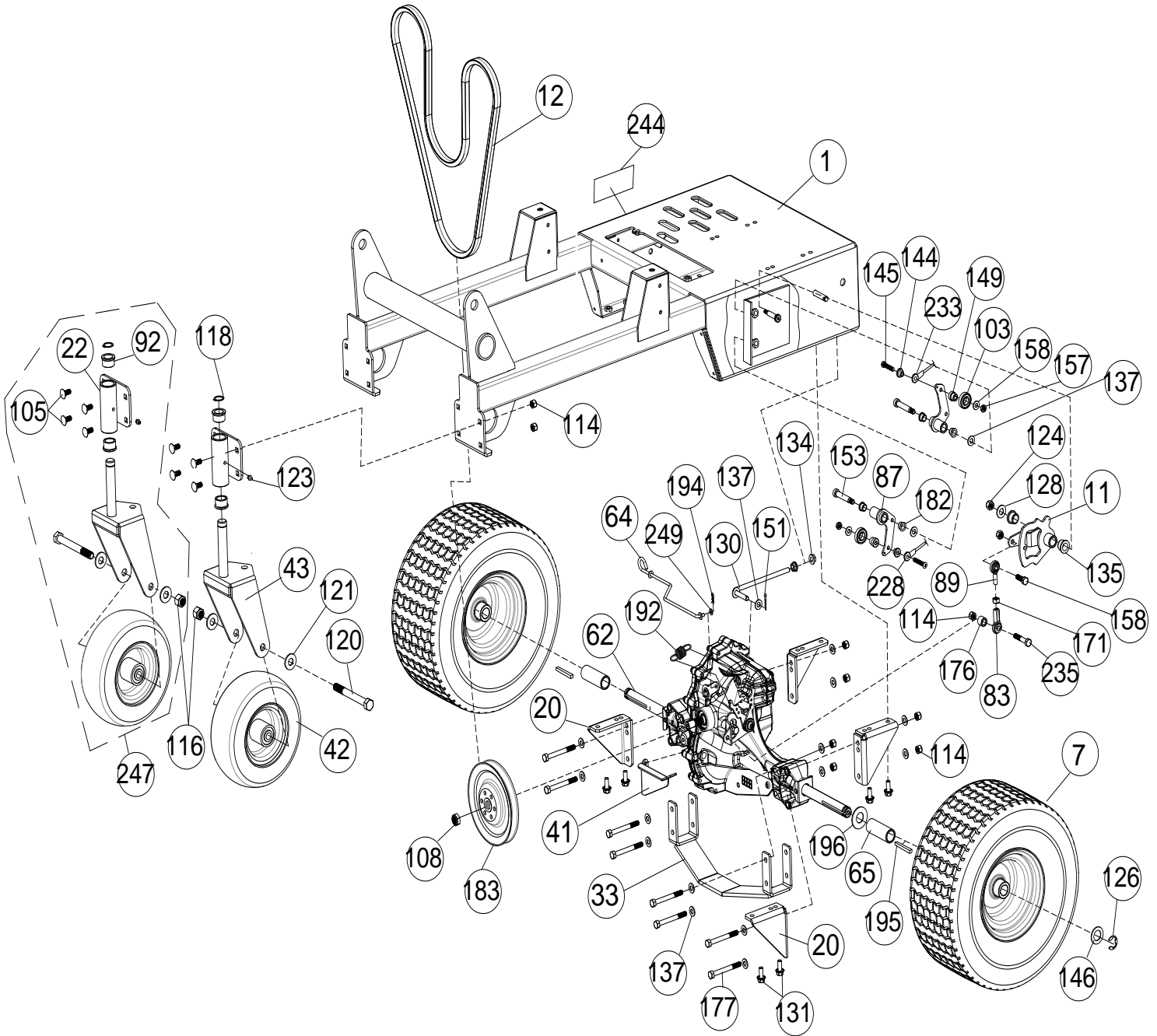




PARTS LIST TINE AE900H

Item No.	Part No.	Description	Qty	Item No.	Part No.	Description	Qty
4	362605	HOOD AE900	1	107	362212	RING RETAINING EXTERNAL 1.00"	4
8	362606	TINE ARM ASSY RIGHT AE900H SERVICE	2	108	610305	NUT LOCK 1/2" - 20 THIN	16
	362603	TINE ARM ASSY LEFT AE900H SERVICE	2	109	8041039	SCREWCAP 5/16"-18 X 4"" HCS ZP	8
9	362233	MOTOR TINE DRIVE	1	110	831272	SCREWCAP 5/16"- 24 X 2 1/4" GR 8 W/PATCH	4
13	362104	CRANK DRIVING WA AE900	2	111	8041026	SCREWCAP 5/16"-18 X 3/4" GR 5 HCS ZP	12
14	360100	TINE CORING 3/4	8	114	8160002	NUT LOCK 5/16"-18 HEX ZP	11
19	362103	ARM CRANK WA AE900	2	116	8160005	NUT LOCK 1/2"-13 HEX	4
29	362117	SPROCKET DRIVE AE900	1	117	9201113	KEY 1/4" SQ X 1.00"	5
30	362251	LINK MACHINED CONNECTING	8	119	8177011	WASHER LOCK 5/16" S/T MED	11
31	362243	BEARING AND FLANGETTE ASSY 1.00	5	121	8172011	WASHER 1/2" SAE ZP	4
38	362102	TINE ARM WA AE900	1	124	8160003	NUT LOCK 3/8"-16	4
39	362105	SHAFT DRIVE TINE WA AE900	1	128	8171003	WASHER 5/16" FLAT	7
48	362227	SHAFT CRANK AE900	2	129	8041102	SCREWCAP 1/2"-13 X 3" HCS ZP	2
52	362372	ROD PUMP ENGAGE	1	132	440153	WASHER 1.5" OD X .453 ID X .25" THK	4
55	362261	SPROCKET 13T #50 IDLER	2	133	8177012	WASHER LOCK 3/8" S/T MED	4
58	362101	FRAME TINING AE900	1	134	350346	NUT 5/16"-18 SER HEX FLNG ZP	18
67	362282	BRACKET REAR HOOD	1	137	8172008	WASHER 5/16" SAE ZP	40
70	362281	BRACKET FRONT HOOD MOUNT	2	138	362278	SHCS 1/2"-13 X 1.750" ZP	2
71	362220	BEARING AND SHAFT	8	139	8149002	NUT LOCK 5/16" - 24 FIN HEX ZP	4
72	362407	HOLDER TINE AE900	16	140	8172009	WASHER 3/8" SAE	8
78	501302	BEARING 1" SEALED PRESS IN	2	141	362289	SHCS 5/16"-18 X 1.25 BLK OX	1
82	430303	LABEL PRODUCT DECAL LG CIRCLE	1	142	8171006	WASHER 1/2" USS	4
84	790167	SCREWCAP 3/8"-24 X 2 3/4" GR 8 W/PATCH	8	147	810932	SCREWCAP 3/8"-24 X 2 1/4" GR 8 W/PATCH	8
85	400424	LABEL WARNING OPEI	2	148	900154	SCREWCAP 3/8" - 24 X 1" HCS GR 8	4
86	360124	SPACER TINE IDLER 1.175"	2	198	362504	LABEL BADGING RISER	1
88	900327	LABEL WARNING DANGER	2	199	362502	LABEL BADGING SIDE	2
91	362279	HOSE HYDRAULIC W#10 JIC	2	200	362503	LABEL BADGING FRONT	1
94	362232	SCREWCAP 3/8"-16 X 5 3/4" GR 8	4	201	362506	LABEL WARNING HIGH PRESSURE	1
97	362413	SPACER CONNECTING LINK	8	202	362507	LABEL INSTRUCTION HYDRAULIC	1
98	362288	KEY #15 HI PRO	1	203	362258	CHAIN #50 X 70 PITCHES O-RING	2
99	362246	SPACER SPINDLE BEARING AE900	2	224	400173	VIBRATION MOUNT	5
104	362205	MACHINE BUSHING 1" X 1 1/2" X 14 GA	6	227	362416	SPACER 1.25 OD X 1.010 ID .258 LONG	1
105	8024039	CARRIAGE BOLT 5/16" - 18 X 3/4" ZP	9	242	9201109	KEY 1/4" SQ X 0.75"	4
106	362284	WASHER ADHESIVE BACKED ISOLATION	7	243	362323	NUT LOCK 3/8"-24 HEX ZP	16
				245	100258	LABEL HOT SURFACE	1
				246	362607	SPRING ASSY AE900H	4
				248	362323	NUT LOCK 3/8-24	16
				258	362224	BOLT CARRIAGE 5/16"-18 X 3/4" ZP SHRT NK	12

PARTS DRAWING DRIVE AE900H

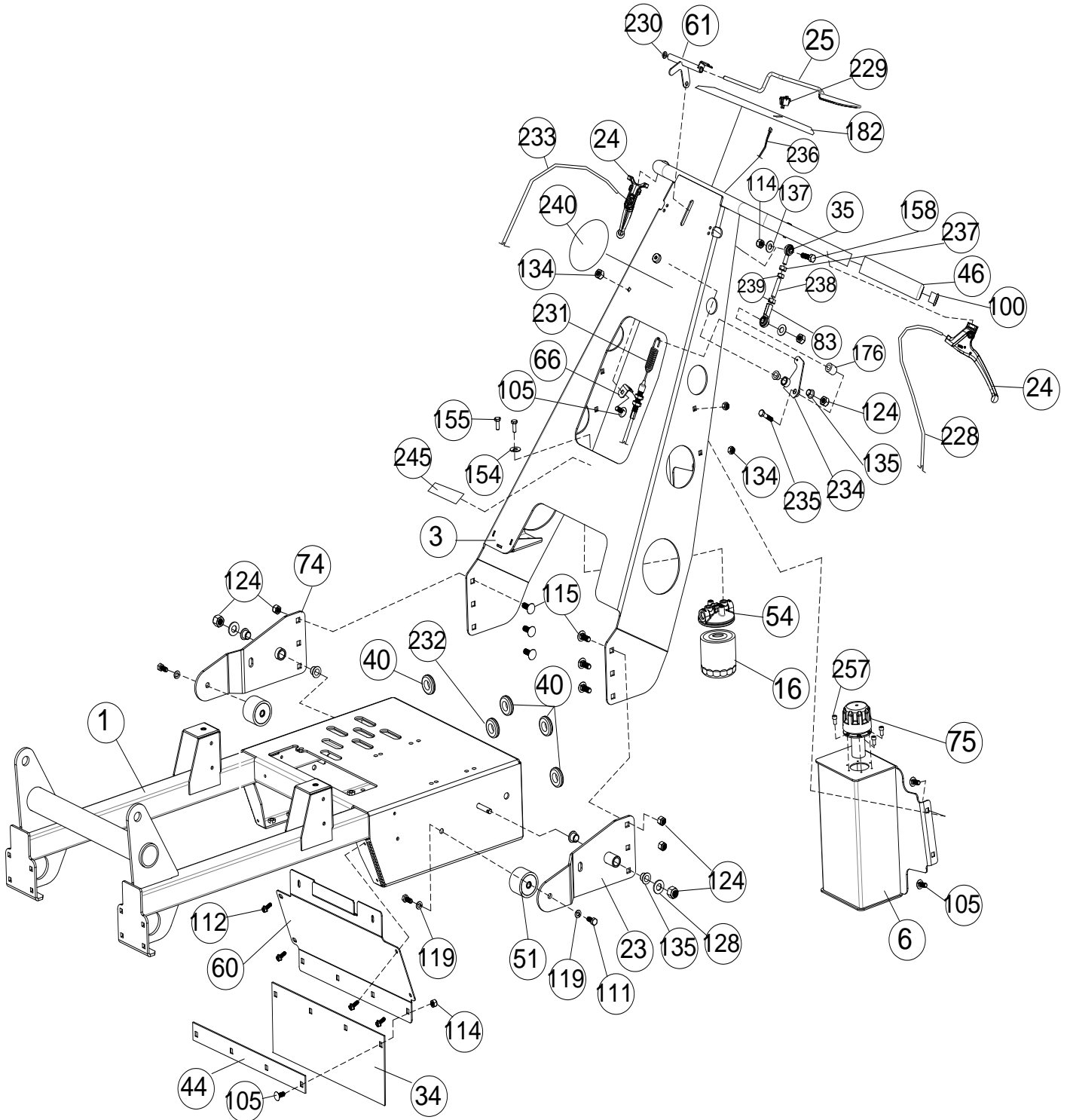




PARTS LIST DRIVE AE900H

Item No.	Part No.	Description	Qty
1	362100	ENGINE BASE WA	1
7	362352	WHEEL 15" X 6.00 - 6 TURF SAVER	2
11	362106	CAM SPEED CONTROL WA AE900	1
20	362329	BRACKET TRANSAXLE MOUNT	4
22	362107	BRACKET CASTER WA AE900	1
33	362118	SKID PLATE WA	1
41	362306	BRACKET BELT GUIDE LOWER AE900	1
42	371206	WHEEL 8" SOLID	2
43	371102	CASTER RIG WA SC	2
62	362332	TRANSAXLE AE900	1
64	362356	ROD BYPASS TRANSAXLE	1
65	362418	SPACER REAR WHEEL AE900H	2
83	351278	SPHERICAL ROD END MSF-5	1
87	501114	BELL CRANK BC2600 WA	2
89	351277	SPHERICAL ROD END MSM-5	1
92	520184	BUSHING FLANGE 1" OD 3/4" ID	4
103	351257	BEARING .500 ID X 1.125 OD X .313 THK	2
105	8024039	BOLT CARRIAGE 5/16" - 18 X 3/4" ZP	8
108	610305	NUT LOCK 1/2" - 20 THIN	1
114	8160002	NUT LOCK 5/16"-18 HEX ZP	18
116	8160005	NUT LOCK 1/2"-13 HEX	2
118	520176	RING RETAINING EXTERNAL 3/4"	2
120	8041108	SCREWCAP 1/2" -13 X 4 3/4" HCS ZP	2
121	8172011	WASHER 1/2" SAE	4
123	610363	ZERK GREASE FITTING	2
124	8160003	NUT LOCK 3/8"-16	5
126	850230	RETAINING RING E 3/4"	2
128	8171003	WASHER 5/16" FLAT	1
130	362341	ANTI ROTATION ROD	1
131	351264	SER HEX WSHR FLNG SCREW 5/16"-18 X 3/4"	8
134	350346	NUT 5/16"-18 SER HEX FLNG ZP	2
135	362254	BUSHING .500" ID	2
137	8172008	WASHER 5/16" SAE ZP	17
144	351256	SPACER EYELET SPEED CONTROL OS900	2
145	8041008	SCREWCAP 1/4"-20 X 1 1/2" HCS ZP	2
146	850238	WASHER .765" ID X 1.25" OD X .06"	2
149	351255	SPACER STEPPED SPEED CONTROL OS22	2
151	8197031	PIN COTTER 1/8" X 1" ZP	1
153	351258	BOLT SHOULDER 3/8" X 1 3/4"	2
157	8161040	NUT LOCK 1/4"-20 LT WT TH ZP	2
158	8041028	SCREWCAP 5/16" - 18 X 1" GR 5 HCS ZP	1
171	8142002	NUT 5/16"-24 HEX ZP	1
176	351419	SPACER ENGINE SIDE	1
177	8041036	SCREWCAP 5/16"-18 X 3" GR 5 HCS ZP	8
182	840078	BUSHING 3/8" ID X 1/2" OD X 3/8" LONG	4
183	362398	PULLEY DIA. 6.00 CUPPED 26 TOOTH SPLINE	1
192	351324	SPRING TRANSAXLE RETURN	1
194	440193	PIN CLIP HITCH 0.051 X 3/4"	1
195	9201092	KEY 3/16" SQ X 3.00	2
196	8172015	WASHER 3/4" SAE	2
235	8041030	SCREWCAP 5/16"-18 X 1 1/2" HCS ZP	2
244	501504	LABEL DRIVE RELEASE	1
247	362608	CASTER ASSY AE900H	2
249	8172005	WASHER #10 SAE	1

PARTS DRAWING HANDLE AE900H

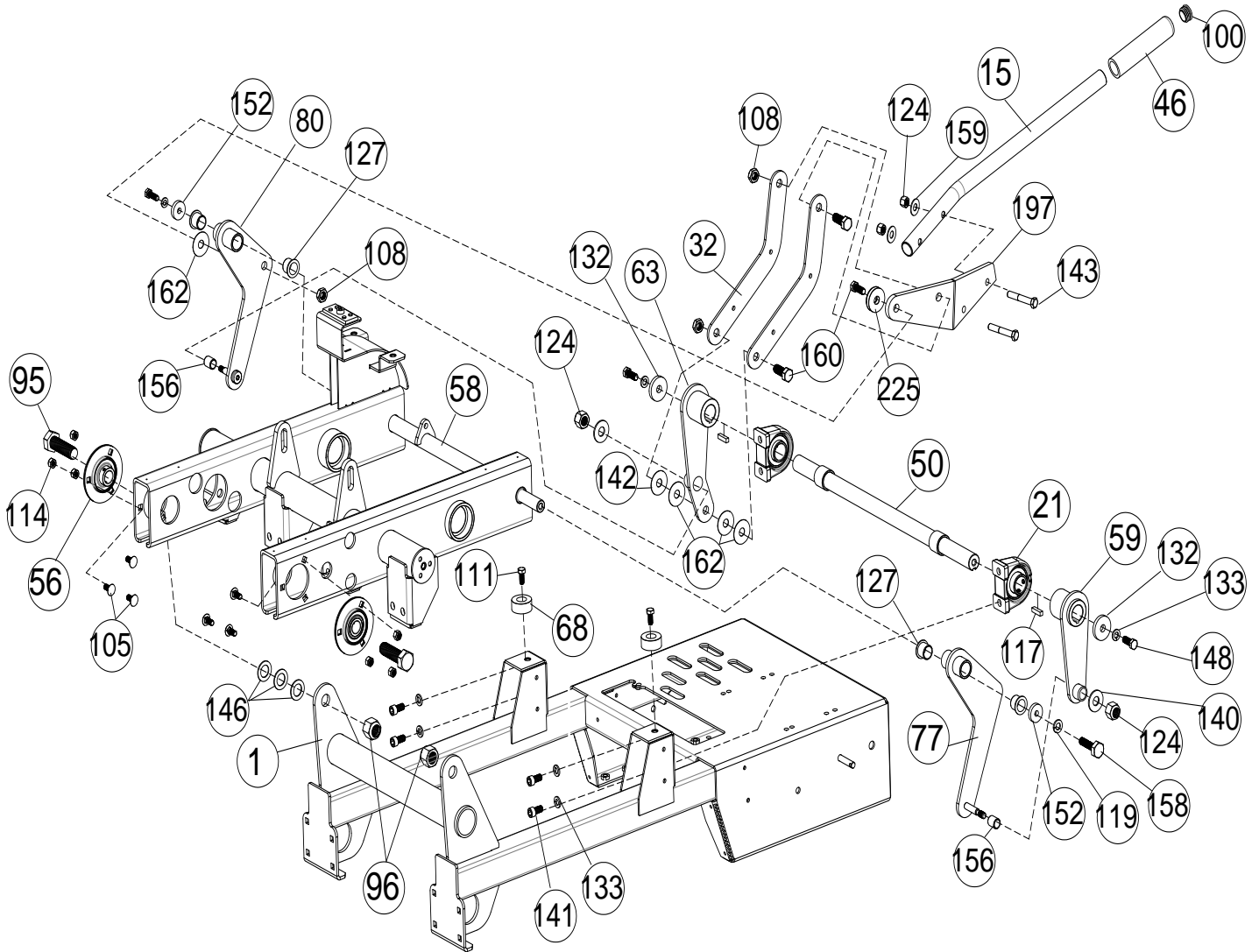




PARTS LIST HANDLE AE900H

Item No.	Part No.	Description	Qty
1	362602	ENGINE BASE WA	1
3	362604	HANDLE WA	1
6	362134	TANK OIL WA AE900H	1
16	362396	FILTER SPIN ON	1
23	362119	BRACKET LH HANDLE MOUNT WA	1
24	351209	MAGURA CONTROL	2
25	362267	BAIL ASSY AE900	1
34	351269	RUBBER DEFLECTOR	1
35	362269	SPHERICAL ROD END FEMALE 5/16"-24 LFT	1
40	520087	GROMMET 1" HOLE	4
44	351268	BAR CLAMP DEFLECTOR	1
46	500267	GRIP HANDLE 1" X 5.5"	2
51	371210	RUBBER HANDLE MOUNT	2
54	362395	MOUNT OIL FILTER	1
60	362292	GUARD TRANSAXLE FRONT	1
61	362129	BELL CRANK BAIL WA	1
66	351200	BRACKET CLUTCH CABLE OS900SP	1
74	362120	BRACKET RH HANDLE MOUNT WA	1
75	362342	RESERVOIR CAP	1
83	351278	SPHERICAL ROD END MSF-F	1
100	890132	PLUG TUBE INSERT 1" OD	2
105	8024039	CARRIAGE BOLT 5/16" - 18 X 3/4" ZP	9
111	8041048	SCREWCAP 3/8"-16 X 3/4" GR 5 HCS ZP	4
112	890359	SCREW SELF TAP 1/4"-20 X 5/8" HWH TYPE F	6
114	8160002	NUT LOCK 5/16"-18 HEX ZP	7
115	8024058	CARRIAGE BOLT 3/8"-16 X 1" ZP	6
119	8177011	WASHER LOCK 5/16" S/T MED	4
124	8160003	NUT LOCK 3/8"-16	8
128	8171003	WASHER 5/16" FLAT ZP	2
134	350346	NUT 5/16"-18 SER HEX FLNG ZP	5
135	362254	BUSHING .500" ID	4
137	8172008	WASHER 5/16" SAE ZP	2
154	8177010	WASHER LOCK 1/4" S/T MED	2
155	8041002	SCREWCAP 1/4" - 20 X 1/2" HCS ZP	2
158	8041028	SCREWCAP 5/16"-18 X 1" GR 5 HCS ZP	1
176	351419	SPACER ENGINE SIDE	1
182	362501	LABEL INSTRUCTION AE900H	1
228	362313	CABLE SPEED CONTROL ASSY LFT	1
229	500281	SWITCH LKG RKR B&S #493521	1
230	360218	NUT PAL 3/8"	1
231	362276	CABLE CLUTCH BELT AE	1
232	520092	GROMMET 1.25" HOLE	1
233	362312	CABLE SPEED CONTROL ASSY RT	1
234	362121	BELLCRANK CABLE WA	1
235	8041030	SCREWCAP 5/16" - 18 X 1 1/2" GR 5 HCS ZP	1
236	362274	HARNESS WIRE KILL SWITCH	1
237	362322	NUT 5/16"-24 LEFT HAND FIN HEX ZP	1
238	362266	JACKSCREW 5/16"-24 RT AND LFT	1
239	8149002	NUT 5/16"-24 FIN HEX ZP	2
240	362505	LABEL INGROUND TURNING LOGO	1
245	100258	LABEL HOT SURFACE	1
257	8050057	SHCS 10-32 NF 1/2" SS	6

PARTS DRAWING LIFT AE900H

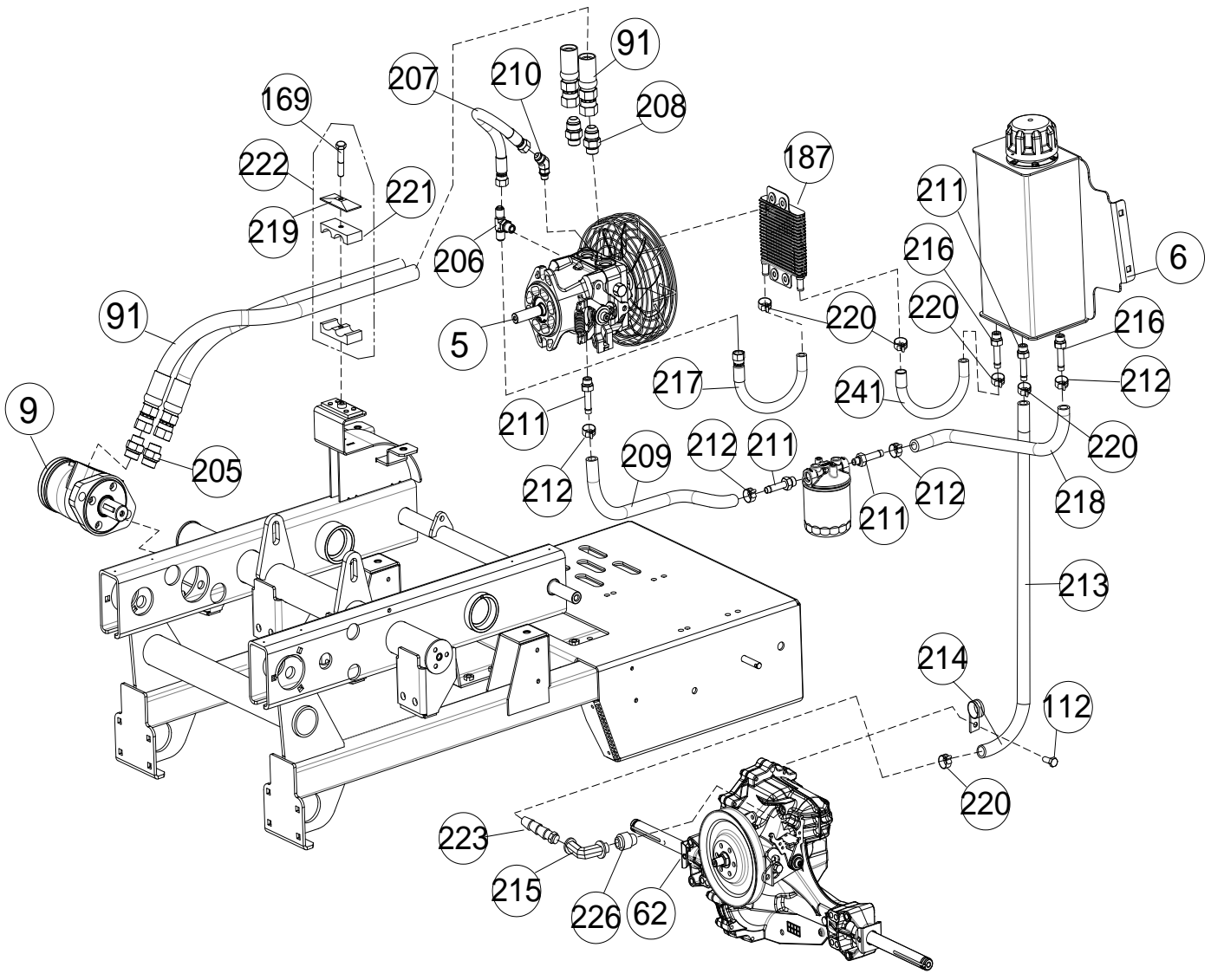




PARTS LIST LIFT AE900H

Item No.	Part No.	Description	Qty
1	362602	ENGINE BASE WA	1
15	362410	HANDLE TINE WA	1
21	362223	BEARING LIFT	2
32	362259	BRACKET HANDLE SUPPORT	2
46	500267	GRIP HANDLE 1" X 5.5"	1
50	362108	TINE FRAME LIFT SHAFT WA	1
56	362245	BEARING AND FLANGETTE ASSY .75"	2
58	362101	FRAME TINING AE900	1
59	362127	LIFT ARM LFT WA AE900	1
63	362125	ARM LIFT RT WA AE900	1
68	360298	BUMPER RECESS	2
77	362128	ARM TINE LIFT CONNECTING WA LH	1
80	362126	ARM TINE LIFT CONNECTING WA RH	1
95	8041166	SCREWCAP 3/4" - 10 X 2 1/2" LG ZP	2
96	8161006	NUT LOCK 3/4" - 10 ZP	2
100	890132	PLUG TUBE INSERT 1" OD	1
105	8024039	CARRIAGE BOLT 5/16" - 18 X 3/4" ZP	6
108	610305	NUT LOCK 1/2" - 20 THIN	3
111	8041026	SCREWCAP 5/16"-18 X 3/4" GR 5 HCS ZP	2
114	8160002	NUT LOCK 5/16"-18 HEX ZP	6
117	9201113	KEY 1/4" SQ X 1.00"	8
119	8177011	WASHER LOCK 5/16" S/T MED	2
124	8160003	NUT LOCK 3/8"-16	4
127	360183	BUSHING PIVOT FRAME AE	4
128	8171003	WASHER 5/16" FLAT ZP	2
132	440153	WASHER 1.5" OD X .453 ID X .25" THK	2
133	8177012	WASHER LOCK 3/8" S/T MED	6
140	8172009	WASHER 3/8" SAE	2
141	8049070	SHCS 5/16"-18 X 1.25 BLK OX	4
142	8171006	WASHER 1/2" USS	1
143	8041055	SCREWCAP 3/8" - 16 X 2 1/4" HCS ZP	2
146	850238	WASHER .765" ID X 1.25" OD X .06"	2
148	900154	SCREWCAP 3/8" - 24 X 1" HCS GR 8	2
152	441150	WASHER 1.125" OD X .344" ID X .25 THK	2
156	362257	BUSHING TINE FRAME PIVOT	2
158	8041028	SCREWCAP 5/16" - 18 X 1" GR 5 HCS ZP	2
159	8171004	WASHER 3/8" FC	2
160	520028	SCREWCAP 1/2" -20 X 1 1/4" GR 5 W/PATCH	3
162	362286	WASHER NYLON	6
197	362113	TINE ENGAGE HANDLE MOUNT WA	1
225	362419	WASHER 33/64 I.D. X 1.50" OD X .25 THK	1

PARTS DRAWING PUMP AE900H





PARTS LIST LIFT AE900H

Item No.	Part No.	Description	Qty
5	362225	PUMP PK 12cc VARIABLE DISPLACEMENT	1
9	362233	MOTOR TINE DRIVE	1
91	362279	HOSE HYDRAULIC W#10 JIC	2
112	890359	SCREW SELF TAP 1/4" - 20 X 5/8" HWH TYPE F	1
169	8041032	SCREWCAP 3/8" - 16 X 1 2" HCS ZP	1
187	362325	COOLER OIL	1
205	362231	FITTING 10MJ - 10MOR STR	1
206	362420	FITTING TEE 6803-06-06-06	1
207	362423	HOSE ASSY #6 JIC TO RAW 11.00" LONG	1
208	362230	FITTING 10MF 0- 8MORB STRAIGHT	2
209	362426	HOSE HYDRAULIC 1/2" 12.00 LONG	1
210	362421	FITTING 45 DEG 6802-06-04 W/0.050" ORIFICE	1
211	362309	FITTING 08HB - 08MORB STRAIGHT	4
212	362311	CLAMP MINIATURE WORM GEAR MAH6	4
213	362425	HOSE HYDRAULIC 3/8" X 46.00" LONG	1
214	790170	HOSE CLAMP	1
215	362320	FITTING 90 DEG FEMALE TO FEMALE	1
216	362234	FITTING 06HB - 06MORB STRAIGHT	2
217	362422	HOSE ASSY #6 JIC TO RAW 13.00" LONG	1
218	362424	HOSE HYDRAULIC 3/8" X 22.00" LONG	1
219	362300	PLATE CLAMP COVER	1
220	362310	CLAMP MINIATUE WORM GEAR MAH4	4
221	362299	BODY PROFILED CLAMP	2
222	362013	HYDRAULIC HOSE CLAMP	1
223	362321	3/8" HOSE BARB	1
226	362315	04MORB - 02MP STRAIGHT	1
241	362427	HOSE HYDRAULIC 1/2" 18.00" LONG	1