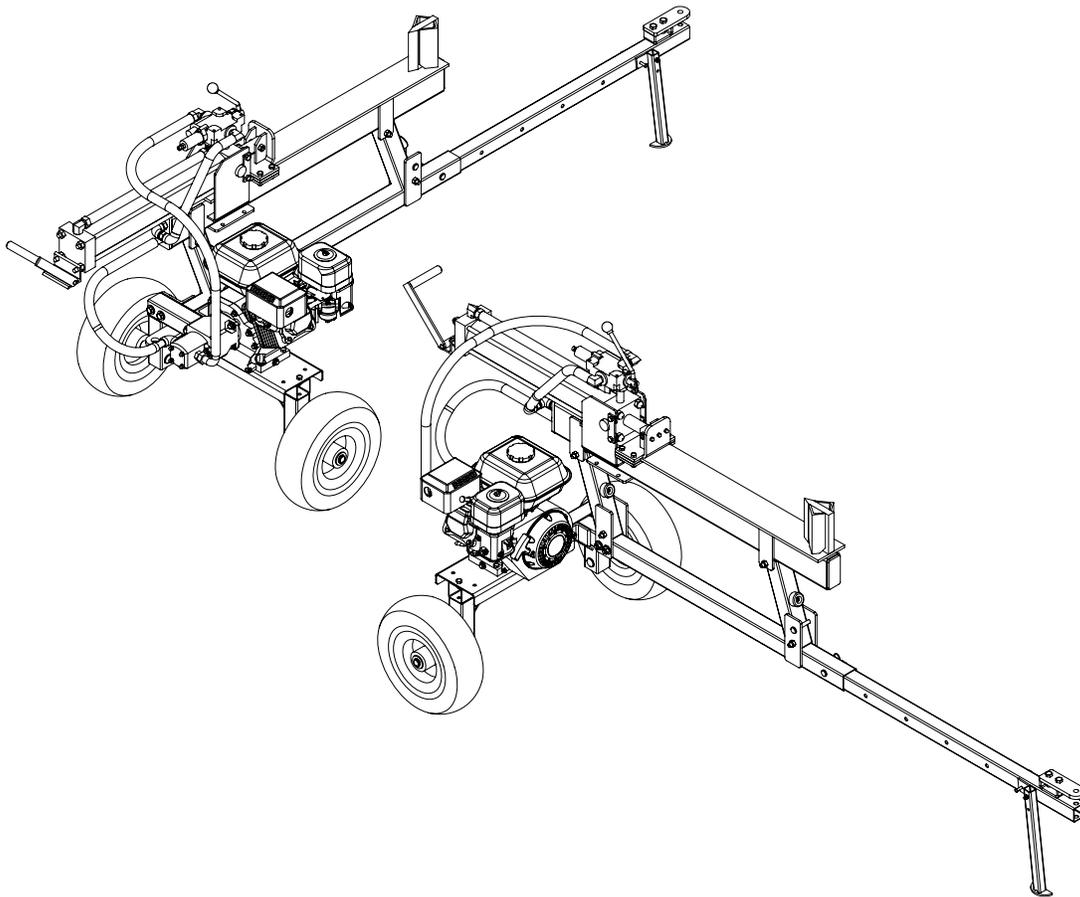




Operator's Manual
Original Operating Instructions
**Trail Warrior Quick Split
12-Ton Log Splitter
W1265 Series**



Includes Models:

- W1265V: 4-cycle 196cc Viper
- W1265CV: 4-Cycle 212cc Viper 50-State
- W1265B: 4-Cycle 205cc Briggs and Stratton
- W1265VCE: 4-Cycle 196cc Viper (European)
- W1265BCE: 4-Cycle Briggs and Stratton (European)



INTRODUCTION

Congratulations on your investment in quality. Thank you for purchasing a log splitter from Earthquake. We have worked to ensure that the log splitter meets the highest standards for usability and durability. With proper care, your splitter will provide many years of service.

Please read this entire manual before installation and use. Earthquake reserves the right to change, alter or improve the product and this document at any time without prior notice.

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FEDERAL EMISSION INFORMATION

Earthquake warrants to the retail purchaser, that this small, off-road engine was designed, built and equipped to conform at the time of initial sale to all applicable regulations of the U.S. Environmental Protection Agency (EPA).

REGISTRATION, SERVICE AND MAINTENANCE LOG

Record the model number and serial number in the space provided for easy reference. Warranty is valid only if the completed registration is received by Earthquake within 30 days of purchase. You can register your warranty online by visiting www.getearthquake.com. If you do not have a computer, call our customer service department at (800) 345-6007 Mondays through Fridays from 8 a.m. to 5 p.m. CST.

| OWNERSHIP RECORDS | | |
|-------------------|-----------------|-----------------------|
| Owner's Name: | | |
| Owner's Address: | | |
| City: | State/Province: | Zip Code/Postal Code: |
| Model Number: | Serial Number: | |
| Date of Purchase: | | |
| Notes: | | |
| | | |

This manual may contain information for several models. Read and keep this manual for future reference. This manual contains important information on SAFETY, ASSEMBLY, OPERATION, AND MAINTENANCE. The owner must be certain that all the product information is included with the unit. This information includes the MANUAL, the REPLACEMENT PARTS and the WARRANTIES. This information must be included to make sure state laws and other laws are followed. This manual should remain with the product even if it is resold.

WARNINGS AND SAFETY PRECAUTIONS

OPERATOR'S RESPONSIBILITY

Accurate assembly and safe and effective use of the machine is the operator's responsibility.

- Read and follow all safety instructions.
- Carefully follow all assembly instructions.
- Maintain the machine according to directions and schedule included in this Earthquake operator's manual.
- Ensure that anyone who uses the machine is familiar with all controls and safety precautions.

SPECIAL MESSAGES

Your manual contains special messages to bring attention to potential safety concerns, machine damage as well as helpful operating and servicing information. Please read all the information carefully to avoid injury and machine damage.

NOTE: General information is given throughout the manual that may help the operator in the operation or service of the machine.



This symbol points out important safety instructions which if not followed could endanger your personal safety.

BEFORE OPERATING ENGINE:

Please read this section carefully. Read entire operating and maintenance instructions for this product. Failure to follow instructions could result in serious injury or death. Operate the machine according to the safety instructions outlined here and inserted throughout the text. Anyone who uses this machine must read the instructions and be familiar with the controls.

 **WARNING**

WARNING INDICATES A HAZARD WHICH, IF NOT AVOIDED, COULD RESULT IN DEATH OR SERIOUS INJURY AND/OR PROPERTY DAMAGE.

 **CAUTION**

CAUTION INDICATES YOU CAN BE HURT OR YOUR EQUIPMENT DAMAGED IF THE SAFETY INSTRUCTIONS THAT FOLLOW THIS SIGNAL WORD ARE NOT OBEYED.

 **IMPORTANT**

INDICATES HELPFUL INFORMATION FOR PROPER ASSEMBLY, OPERATION, OR MAINTENANCE OF YOUR EQUIPMENT.

 **WARNING**

CALIFORNIA PROPOSITION 65 WARNING

ENGINE EXHAUST FROM THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.

 **WARNING**

YOU MUST READ, UNDERSTAND AND COMPLY WITH ALL SAFETY AND OPERATING INSTRUCTIONS IN THIS MANUAL BEFORE ATTEMPTING TO SETUP AND OPERATE YOUR MACHINE.

FAILURE TO COMPLY WITH ALL SAFETY AND OPERATING INSTRUCTIONS CAN RESULT IN LOSS OF MACHINE CONTROL, SERIOUS PERSONAL INJURY TO YOU AND/OR BYSTANDERS, AND RISK OF EQUIPMENT AND PROPERTY DAMAGE. THE TRIANGLE IN THE TEXT SIGNIFIES IMPORTANT CAUTIONS OR WARNINGS WHICH MUST BE FOLLOWED.

Intended Use / Foreseeable Misuse

This is a motorized wedge-type horizontal log splitter. The log is pressed against a splitting wedge by a pressure plate. The log splitter is arranged so that it can be towed behind an off-road vehicle. The log splitter is mounted such that it can be raised manually into a higher operating position if required. It shall not be used for any other purpose.

GENERAL SAFETY RULES

- Read, understand, and follow all instructions on the machine and in the manual(s). Be thoroughly familiar with the controls and the proper use of the machine before starting.
- Use this equipment for its intended purpose only.
- Familiarize yourself with all of the safety and operating decals on this equipment and on any of its attachments or accessories.
- Do not put hands or feet near or under rotating parts.
- Only allow responsible individuals who are familiar with the instructions to operate the machine. Do not allow children to operate this machine. Do not allow adults to operate the machine without proper instruction.
- Thoroughly inspect the area where the machine is to be used and remove all foreign objects. Your equipment can propel small objects at high speed causing personal injury or property damage. Stay away from breakable objects, such as house windows, automobile, greenhouses, etc.
- Wear appropriate clothing such as a long-sleeved shirt or jacket. Also wear long trousers or slacks. Do not wear shorts. Never wear sandals, sneakers, or open shoes, and never operate the machine with bare feet.
- Do not wear loose clothing or jewelry. They can get caught in moving parts. Always keep hands, feet, hair and loose clothing away from any moving parts on engine and machine.
- Always wear safety goggles or safety glasses with side shields when operating the machine to protect your eyes from foreign objects which can be thrown from the unit. Always wear a protective hearing device.
- Always wear work gloves and sturdy footwear. Wear footwear that will improve footing on slippery surfaces. Leather work shoes or short boots work well for most people. These will protect the operator's ankles and shins from small sticks, splinters, and other debris.
- It is advisable to wear protective headgear to prevent the possibility of being struck by small flying particles, or being struck by low hanging branches, twigs, or other objects which may be unnoticed by the operator.
- Do not operate the machine without proper guards or other safety protective devices in place.
- See manufacturer's instructions for proper operation and installation of accessories. Only use accessories approved by the manufacturer.
- Operate only in daylight or good artificial light.
- Do not operate product when fatigued or under the influence of alcohol, drugs or other medication which can cause drowsiness or affect your ability to operate this machine safely.
- Never operate machine in wet grass. Always be sure of your

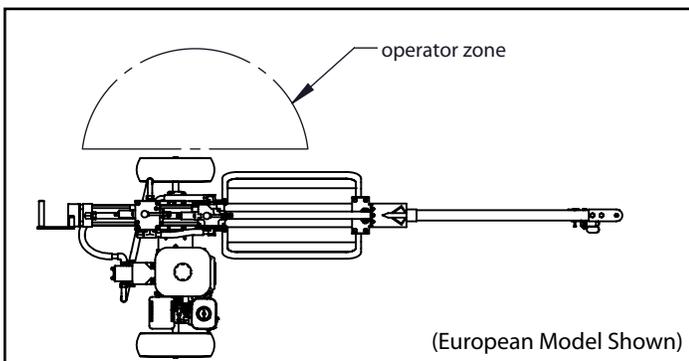
footing; keep a firm hold on the handle and walk; never run.

- Watch for traffic whenever you are operating near, or when crossing roads.
- If the equipment should start to vibrate abnormally, stop the engine (motor), disconnect the spark plug wire and prevent it from touching the spark plug. Check immediately for cause. Vibration is generally a warning of trouble. If the noise or vibrations of the machine increase, stop immediately and perform an inspection.
- Never leave the machine unattended when the engine is running. Remove the wire from the spark plug.
- Regularly inspect the machine. Make sure parts are not bent, damaged or loose.
- Temperature of muffler and nearby areas may exceed 150° F (65° C). Allow muffler and engine areas to cool before touching. Never pick up or carry the machine while the engine is running.
- Prolonged exposure to noise and vibration from gasoline engine-powered equipment should be avoided. Take intermittent breaks and/or wear ear protection from engine noise as well as heavy work gloves to reduce vibration in the hands.
- Keep all screws, nuts and bolts tight.
- Do not transport the machine from one place to another with the engine running.
- When moving the packaged machine, always do so with a partner.
- Check local regulations for age restrictions on use of this machine.

PRODUCT-SPECIFIC SAFETY RULES

- This machine is for one-person operation only
- If a second person is assisting in loading logs, never activate the log splitter until the helper is clear of the work area.
- Both ends of each log should be cut as square as possible to help prevent the log from sliding out of the splitter during operation.
- Never operate the log splitter without guards in place.
- Know how to stop the unit and disengage the controls.
- Never place hands and/or feet between log and splitting wedge or between log and ram during forward or reverse stroke.
- Do not step over or straddle the log splitter when the engine is running. Never reach or bend over the log splitter to pick up a log.
- Never try to split more than one log at the same time.
- Never allow one person to operate the valve while another is positioning the log.

- Never attempt to load your log splitter when the cylinder wedge is in motion.
- Only use your hand to operate the control lever. Never use your foot or a rope or any other extension device.
- Always keep fingers away from any cracks that open in the log during splitting operation.
- Never move the log splitter while the engine is running.
- Never leave your log splitter unattended with the engine running. Shut off the engine if you are leaving your splitter, even if for a short period of time.
- Only operate the log splitter from the operator zone (**SEE FIGURE BELOW**).



- Do not operate your log splitter on slippery, wet, muddy, or icy surfaces.
- Only operate your log splitter on level ground and not on a hillside.
- Never attempt to move the log splitter over hilly or uneven terrain without a tow vehicle or adequate help.
- Always block wheels to prevent movement of log splitter while in operation.
- Do not alter your log splitter in any manner such as attaching a rope or extension to the control lever or adding to the width or height of the wedge.

HYDRAULIC SAFETY:

- The hydraulic system and mechanical parts of your log splitter require careful inspection. Be sure to replace any damaged hydraulic component.
- Fluid escaping from a very small hole can be very difficult to see. Do not check for leaks with your hand. Escaping fluid under pressure can have sufficient force to penetrate skin, causing serious personal injury or even death. Leaks can be located by passing a piece of cardboard or wood over the suspected leak. Look for discoloration.
- If injured by escaping fluid, see a doctor at once. Serious infection or reaction can develop if proper medical treatment is not administered immediately.
- Should it become necessary to loosen or remove any hydraulic fitting or line, be sure to relieve all pressure by shutting off the engine and moving the control handle back and forth several times.
- The pressure relief valve on your log splitter is preset at the factory. Do not adjust the valve. Only a qualified service technician should perform this adjustment.

ENGINE SAFETY PRECAUTIONS

Warning Carbon Monoxide Poisoning

Engines give off carbon monoxide, an odorless, colorless, poisonous gas. Carbon monoxide may be present even if you do not smell or see any engine exhaust. Breathing carbon monoxide can cause nausea, fainting or death, in addition to drowsiness, dizziness and confusion. If you experience any of these symptoms, seek fresh air and medical attention immediately.

If your product comes with a separate engine manual, be sure to read and follow all safety and warning precautions outlined there, in addition to any in this manual.

Preventing Carbon Monoxide Poisoning

- Always start and run engine outdoors. Do not start or run engine in an enclosed area, even if doors or windows are open.
- Never try to ventilate engine exhaust indoors. Carbon monoxide can reach dangerous levels very quickly.
- Never run engine outdoors where exhaust fumes may be pulled into a building.
- Never run engine outdoors in a poorly ventilated area where the exhaust fumes may be trapped and not easily taken away. (Examples include: in a large hole or areas where hills surround your working area.)
- Never run engine in an enclosed or partially enclosed area. (Examples include: buildings that are enclosed on one or more sides, under tents, car ports or basements.)
- Always run the engine with the exhaust and muffler pointed in the direction away from the operator.
- Always keep the throttle in the "slow" position when not in use.
- Never point the exhaust muffler towards anyone. People should always be many feet away from the operation of the engine and its attachments.
- Do not change the engine governor settings or over-speed the engine.

Gasoline Fires and Handling Fuel Safely

Use extra care in handling gasoline and other fuels. They are flammable and vapors are explosive.

- When storing extra fuel be sure that it is in an appropriate container and away from any fire hazards.
- Prevent fire and explosion caused by static electric discharge. Use only nonmetal, portable fuel containers approved by the Underwriter's Laboratory (U.L.) or the American Society for Testing & Materials (ASTM).
- Always fill fuel tank outside in a well ventilated area. Never fill your fuel tank with fuel indoors. (Examples include: basement, garage, barn, shed, house, porch, etc.) Never fill tank near appliances with pilot lights, heaters, or other ignition sources. If the fuel has to be drained, this should be done outdoors.

WARNING

ENGINES GIVE OFF CARBON MONOXIDE, AN ODORLESS, COLORLESS, POISONOUS GAS. CARBON MONOXIDE MAY BE PRESENT EVEN IF YOU DO NOT SMELL OR SEE ANY ENGINE EXHAUST. BREATHING CARBON MONOXIDE CAN CAUSE NAUSEA, FAINTING OR DEATH, IN ADDITION TO DROWSINESS, DIZZINESS AND CONFUSION.

IF YOU EXPERIENCE ANY OF THESE SYMPTOMS, SEEK FRESH AIR AND MEDICAL ATTENTION IMMEDIATELY.

CAUTION

HOT GASES ARE A NORMAL BY-PRODUCT OF A FUNCTIONING CATALYTIC CONVERTER. FOLLOW ALL SAFETY INSTRUCTIONS TO PREVENT BURNS AND FIRES.

DO NOT ALTER/MODIFY ENGINE:

NEVER ALTER OR MODIFY THE ENGINE FROM THE FACTORY. SERIOUS INJURY OR DEATH MAY OCCUR IF ENGINE IS MODIFIED OR ALTERED.

WHEN WORKING ON OR REPLACING PARTS FOR THE ENGINE OR PRODUCT, YOU MUST ALWAYS DISCONNECT SPARK PLUG WIRE FROM THE SPARK PLUG AND KEEP IT AWAY FROM THE SPARK PLUG.

The drained fuel should be stored in a container specifically designed for fuel storage or it should be disposed of carefully.

- Never remove the fuel cap or add fuel with the engine running. Stop engine and allow to cool before filling.
- Do not smoke while handling fuel or operating splitter.
- Never drain fuel from engine in an enclosed area.
- Always wipe up excess (spilled) fuel from engine before starting. Clean up spilled fuel immediately. If fuel is spilled, do not start the engine but move product and fuel container from area. Clean up spilled fuel and allow to evaporate and dry after wiping and before starting.
- Allow fuel fumes/vapors to escape from the area before starting engine.
- Test the fuel cap for proper installation before starting and using engine.
- Always run the engine with fuel cap properly installed on the engine.
- If engine is equipped with a gas cap vent screw, always unscrew gas cap vent screw while engine is running.
- Do not store engine with fuel in fuel tank indoors. Fuel and fuel vapors are highly explosive.

- If engine is equipped with a gas cap vent screw, screw down gas cap vent screw tightly during storage.
- Never pour fuel from engine fuel tank.
- Never siphon fuel by mouth to drain fuel tank.
- Always have an adult fill the fuel tank and never allow children to fill the engine.
- Never allow an adult or anyone under the influence of drugs or alcohol to fill engine.
- When storing gasoline or equipment with fuel in the tank, store away from furnaces, stoves, water heaters or other appliances that have a pilot light or other ignition source because they can ignite gasoline vapors.

BURNS AND FIRES

The muffler, muffler guard and other parts of the engine become extremely hot during the operation of the engine. These parts remain extremely hot after the engine has stopped.

Prevention of Burns and Fires

- Never remove the muffler guard from the engine.
- Never touch the muffler guard because it is extremely hot and will cause severe burns.
- Never touch parts of the engine that become hot after operation.
- Always keep materials and debris away from muffler guard and other hot parts of the engine to avoid fires.
- This engine is designed to operate using a catalytic converter which contributes to the engine's compliance with the EPA.

CHILDREN AND BYSTANDERS

Tragic accidents can occur if the operator is not alert to the presence of children and/or bystanders. Never assume that others will remain where you last saw them.

- Keep the area of operation clean of all persons, especially small children and pets. Keep children under the watchful care of a responsible adult.
- Be alert and turn machine off if children enter the area.
- Before and while moving backwards, look behind and down for small children.
- Never allow children to operate the machine.
- Use extra care when approaching blind corners, shrubs, trees, or other objects that may obscure vision.

SERVICE

- Always stop the engine whenever you leave the equipment, before cleaning, repairing or inspecting the unit. Engine should be turned off and cool, spark plug wire must be removed from spark plug before any repairs or adjustments are attempted. Never make adjustments or repairs with the engine (motor) running. Disconnect the spark plug wire, and keep the wire away from the plug to prevent accidental starting. Remove the ignition key if equipped with an electric start.
- Always wear eye protection when you make adjustments or repairs.
- Keep all nuts and bolts tight and keep equipment in good condition.
- Never tamper with safety devices. Check their proper operation regularly.
- When servicing or repairing the machine, do not tip the machine over or up unless specifically instructed to do so in this manual. Service and repair procedures can be done with the machine in an upright position. Some procedures will be easier if the machine is lifted on a raised platform or working surface.
- To reduce fire hazard, keep machine free of grass, leaves, or other debris build-up. Clean up oil or fuel spillage. Allow machine to cool before storing.
- Stop and inspect the equipment if you strike an object. Repair, if necessary, before restarting.
- Clean and replace safety and instruction decals as necessary.
- To guard against engine over-heating, always keep recoil housing clean.
- Inspect machine before storage. When not in use, disconnect spark plug lead and store indoors in a dry place locked or otherwise inaccessible to children.
- Use only original equipment parts from Earthquake, including all nuts and bolts.

SAFETY DECALS

This log splitter has been designed and manufactured to provide you with the safety and reliability you would expect from an industry leader in outdoor power equipment manufacturing.

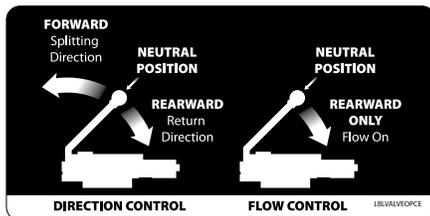
Reading this manual and the safety instructions it contains will provide you with the necessary basic knowledge to operate this equipment safely and effectively. We have placed safety decals on the log splitter to remind you of some of this important information while you are operating the unit.

These important safety decals are illustrated below, and are shown here to help familiarize you with the location and content of the safety messages you will see as you perform normal splitting operations. Please review these decals now, and if you have any questions regarding its meaning or how to comply with these instructions, reread the complete safety instruction text in this manual, or contact your local dealer.

Should a decal become unreadable because of being worn, faded, or otherwise damaged during the use of your log splitter, please use the part number information provided to order a replacement label from your local authorized dealer. These decals are easily applied, and will act as a constant visual reminder to you, and others who may use the equipment, to follow the safety instructions necessary for safe, effective operation of your log splitter.

| QUICK-SPLIT 12 OPERATING INSTRUCTIONS | | ⚠ WARNING | ⚠ CAUTION |
|---|--|---|---|
| 1. Read Owner/Operator manual for complete instructions. | 3. Grab log by sides and place onto beam, against base plate. | Keep hands and all body parts away from splitting wedge, base plate, partially split wood, and moving parts. | Read Owner/Operator manual completely. |
| 2. Start engine using instructions from engine manual. Advance throttle control to maximum speed. | 4. If necessary, stabilize log by holding the side, never the end. | Hold logs by the sides, not the ends. | Operate log splitter on flat, dry ground. |
| Control Valve Forward < Neutral > Reverse | 5. Move control handle to FORWARD position to extend cylinder. | Only one person is permitted to stabilize logs and operate the controls. | NO ONE under age 18 is allowed to operate log splitter. |
| | 6. Release handle to STOP the cylinder. | Do not check for oil leaks with your hand. Use a cloth. High pressure hydraulic fluid can penetrate your skin, causing blood poisoning. | Keep bystanders, children, and helpers at least 25 ft. away. |
| | 7. Move control handle to REVERSE position to retract cylinder. | Never operate log splitter under the influence of alcohol or drugs. | Wear safety glasses, hearing protection, tight fitting work gloves, and safety shoes. |
| | | | LBLW1265VM |

Part Number: LBLW1265VM | Description: Ram Safety Decal | Location: Back of Hydraulic Reservoir



Part Number: LBLVALVEOPCE
Description: Valve Control Directions
Location: Near Valves



Part Number: LBLCENOISE94
Description: Decibel Decal



Part Number: LBLCENOISE104
Description: Decibel Decal



Part Number: W1265VOR
Description: Off-Road Decal
Location: Tongue



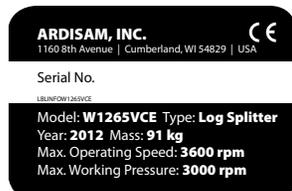
Part Number: LBLW1265VPP
Description: Pinch Point Warning Decal
Location: Beam



Part Number: LBLW1265VT
Description: Tongue Weight 100 lbs. Decal
Location: Tongue



Part Number: LBLINFOW1265BCE
Description: Product Info



Part Number: LBLINFOW1265VCE
Description: Product Info



Part Number: LBLW1265VTEL
Description: Telescopic Pinch Point Tongue Warning Decal
Location: Tongue



HYDRAULICS

HYDRAULIC FLUID HANDLING INSTRUCTIONS

HEALTH HAZARDS/PRECAUTIONARY MEASURES:

- Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

PHYSICAL HAZARDS/PRECAUTIONARY MEASURES:

- Keep away from all sources of ignition.

Appearance: Clear and bright

Physical Form: Liquid

Odor: Characteristic petroleum

HAZARDS IDENTIFICATION:

• Potential Health Effects:

Eye: Contact may cause mild eye irritation including stinging, watering, and redness.

Skin: Contact may cause mild skin irritation including redness, and a burning sensation. Prolonged or repeated contact can worsen irritation by causing drying and cracking of the skin leading to dermatitis (inflammation). No harmful effects from skin absorption are expected.

Inhalation (Breathing): No information available. Studies by other exposure routes suggest a low degree of toxicity by inhalation.

Ingestion (Swallowing): No harmful effects expected from ingestion.

Signs and Symptoms: Effects of overexposure may include irritation of the respiratory tract, irritation of the digestive tract, nausea, diarrhea.

Cancer: Inadequate evidence available to evaluate the cancer hazard of this material.

FIRST AID MEASURES:

- **Eye:** If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water. If symptoms persist, seek medical attention.
- **Skin:** Remove contaminated shoes and clothing and cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.
- **Inhalation (Breathing):** If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, clear airway and immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.
- **Ingestion (Swallowing):** First aid is not normally required; however, if swallowed and symptoms develop, seek medical attention.

- **Notes to Physician:** High-pressure hydrocarbon injection injuries may produce substantial necrosis of underlying tissue despite an innocuous appearing external wound. Often these injuries require extensive emergency surgical debridement and all injuries should be evaluated by a specialist in order to assess the extent of injury.

FIRE HAZARDS & EXTINGUISHING:

- **Unusual Fire & Explosion Hazards:** This material may burn, but will not ignite readily. Vapors are heavier than air and can accumulate in low areas. If container is not properly cooled, it can rupture in the heat of a fire.
- **Extinguishing Media:** Dry chemical, carbon dioxide, foam, or water spray is recommended. Water or foam may cause frothing of materials heated above 212° F. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces.

HANDLING & STORAGE:

- Do not wear contaminated clothing or shoes. Use good personal hygiene practices.
- "Empty" containers retain residue and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury or death. "Empty" drums should be completely drained, properly bunged, and promptly shipped to the supplier or a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.
- High-pressure injection of hydrocarbon fuels, hydraulic oils or greases under the skin may have serious consequences even though no symptoms or injury may be apparent. This can happen accidentally when using high-pressure equipment such as high-pressure grease guns, fuel injection apparatus or from pinhole leaks in tubing of high pressure hydraulic oil equipment.
- **Storage:** Keep container(s) tightly closed. Use and store this material in cool, dry, well-ventilated areas away from heat and all sources of ignition. Store only in approved containers. Keep away from any incompatible material. Protect container(s) against physical damage.

EXPOSURE CONTROLS:

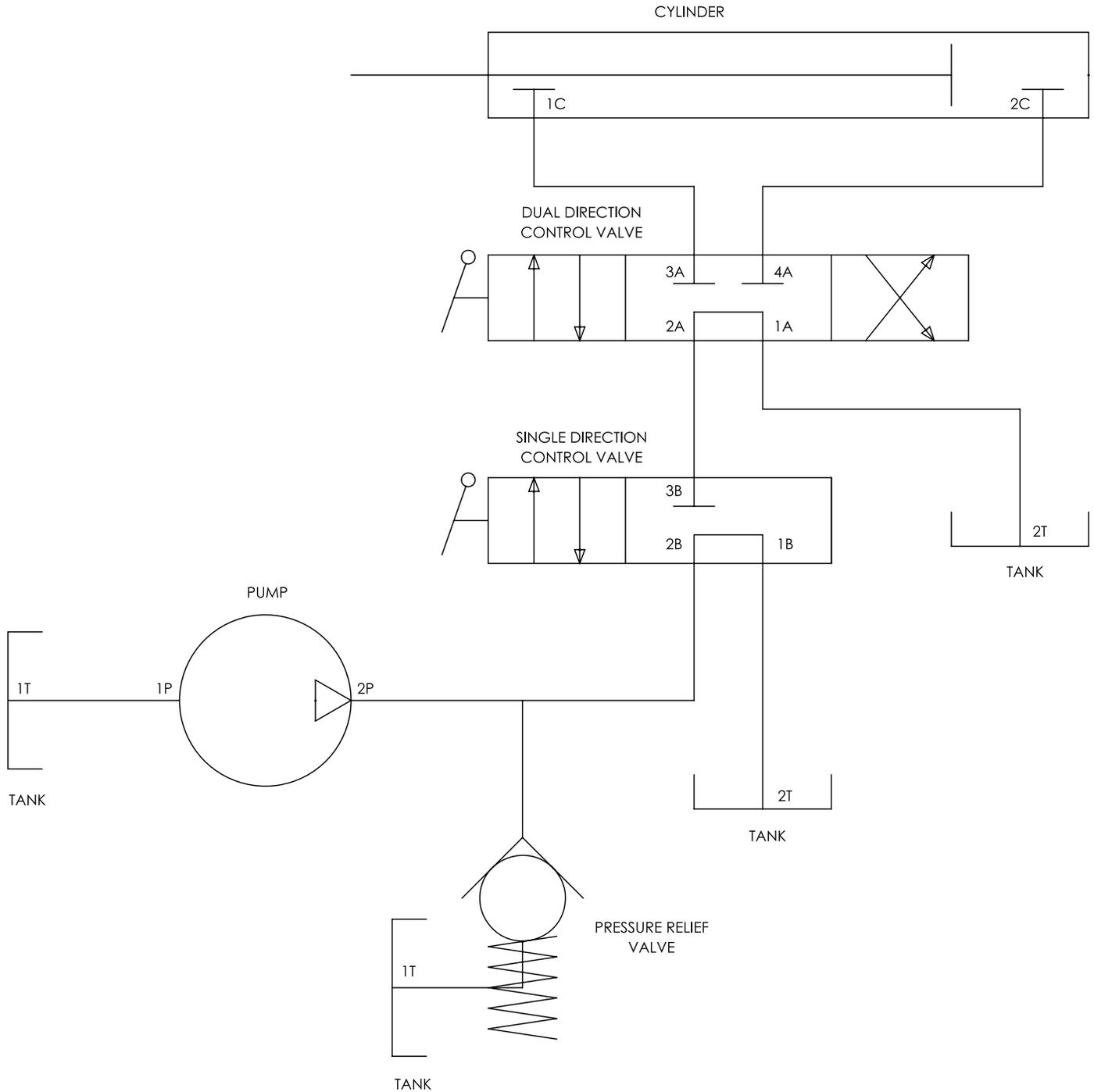
Skin: The use of gloves impervious to the specific material handled is advised to prevent skin contact and possible irritation (see manufacturer's literature for information on permeability).

Eye/Face: approved eye protection to safeguard against potential eye contact, irritation, or injury is recommended. Depending on conditions of use, a face shield may be necessary.

Other Protective Equipment: A source of clean water should be available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

Suggestions for the use of specific protective materials are based on readily available published data. Users should check with specific manufacturers to confirm the performance of their products.

HYDRAULIC FLOW DIAGRAM



**HYDRAULIC SYSTEM PORT IDENTIFICATION****W1265VCE and W1265BCE Log Splitters****W1265V0700ACE - Direction Control Valve (Front Valve)**

- 1A Connects via elbow fitting and return hose to T-fitting that is attached to port 1B which in turn connects to the return port 2T on the tank.
- 2A Connects via high pressure hose to port 3B.
- 3A Connects via rigid hydraulic pipe to front of hydraulic cylinder port 1C.
- 4A Connects via high pressure hose to rear of hydraulic cylinder port 2C.

W1265V0700BCE - Flow Control Valve (Rear Valve)

- 1B Connects via T-fitting and return hoses to port 1A and return port 2T in tank.
(Return hose disconnected from tank for shipping)
- 2B Connects via high pressure hose to hydraulic pump port 2P.
(High pressure hose disconnected from hydraulic pump for shipping)
- 3B Connects via high pressure hose to port 2A..

W1265V0100 - Cylinder

- 1C Connects via rigid hydraulic pipe to hydraulic valve port 3A.
- 2C Connects via high pressure hose to hydraulic valve port 4A.

W1265V0110 - Pump

- 1P Connects via supply hose to supply port 1T in tank.
(Supply hose disconnected from pump for shipping)
- 2P Connects via high pressure hose to hydraulic valve port 2B.
(High pressure hose disconnected from hydraulic pump for shipping)

W1265V0219 - Tank

- 1T Connects via supply hose to hydraulic pump port 1P.
(Supply hose disconnected from pump for shipping)
- 2T Connects via return hoses and T-fitting to hydraulic ports 1A and 1B on hydraulic valves.
(Return hose disconnected from tank for shipping)

SPECIFICATIONS

| | W1265V AND W1265VCE | W1265CV | W1265B AND W1265BCE |
|---|---|---|---|
| ENGINE DISPLACEMENT | 196cc Viper | 212cc Viper | 205cc Briggs & Stratton* |
| FUEL TANK CAPACITY | 3.5 US quarts Viper | 3.8 US quarts Briggs & Stratton | 3.0 US quarts Briggs & Stratton |
| GAS TYPE | unleaded regular gas | unleaded regular gas | unleaded regular gas |
| SPARK PLUG | Champion RN7YC NGK BPR7ES, Viper | F6TC; Champion N11YC; NGK BP61S, Viper | Champion RC12YC, Briggs & Stratton |
| SPARK PLUG GAP (INCHES) | .028" | .028" | .028" |
| MAXIMUM SPLITTING FORCE | 12 tons | 12 tons | 12 tons |
| MAXIMUM LOG LENGTH | 21 inches | 21 inches | 21 inches |
| HYDRAULIC OIL CAPACITY | 6 quarts 10W hydraulic or Dexron transmission fluid | 6 quarts 10W hydraulic or Dexron transmission fluid | 6 quarts 10W hydraulic or Dexron transmission fluid |
| WEDGE | 5 inches high | 5 inches high | 5 inches high |
| HITCH | pin style | pin style | pin style |
| TANDEM HITCH | pin or ball style (ball hitch not included) | pin or ball style (ball hitch not included) | pin or ball style (ball hitch not included) |
| WEIGHT OF UNIT | 221 lb (W1265V), 91 kg (W1265VCE) | 221 lb., 91 kg (W1265CV) | 221 lb (W1265B), 91.3 kg (W1265BCE) |
| UNIT SIZE L x W x H (INCHES) | 82.5" x 33" x 32" | 82.5" x 33" x 32" | 82.5" x 33" x 32" |
| * Briggs & Stratton Engine Model: 121212, Engine Type: 0133-B8 | | | |

ASSEMBLY

Tools needed - one 16mm combination wrench, one 17mm combination wrench, two 13mm wrenches, one flat screwdriver, one pair of pliers, one 10" adjustable wrench, one snap ring tool, one pipe wrench and one rubber mallet.

NOTE: Each log splitter was partially assembled at the factory. Refer to the parts diagram for detailed assembly.

1. Remove locking pin from outer telescopic tongue axle assembly. Lock front upright in the up position with locking pin already installed in upright. **SEE FIGURE 1.**
2. Slide inner hitch assembly into outer telescopic tongue/axle assembly. Replace locking pin in 3rd hole. **SEE FIGURE 2.**

WARNING

READ AND UNDERSTAND ALL ASSEMBLY, SAFETY, & MAINTENANCE INSTRUCTIONS PROVIDED BEFORE EACH USE.

BECOME FAMILIAR WITH YOUR LOG SPLITTER FOR YOUR OWN SAFETY. FAILURE TO DO SO MAY CAUSE SERIOUS INJURY AND/OR DEATH.

DO NOT ALLOW ANYONE TO OPERATE YOUR LOG SPLITTER WHO HAS NOT READ THIS MANUAL. READ EACH STEP COMPLETELY BEFORE PROCEEDING.

ALWAYS WEAR SAFETY GLASSES DURING OPERATION.

ALWAYS WEAR STEEL TOE BOOTS DURING ASSEMBLY.

DO NOT START OR RUN THE ENGINE WITHOUT OIL IN THE HYDRAULIC RESERVOIR AND ENGINE.

WARNING

THIS MACHINE IS FOR ONE-PERSON OPERATION ONLY

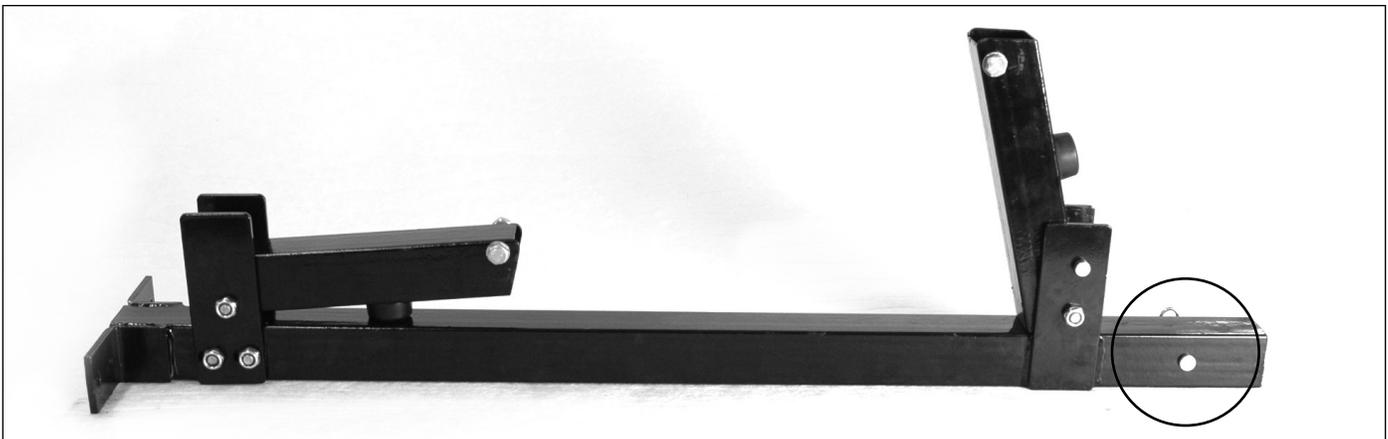


Figure 1

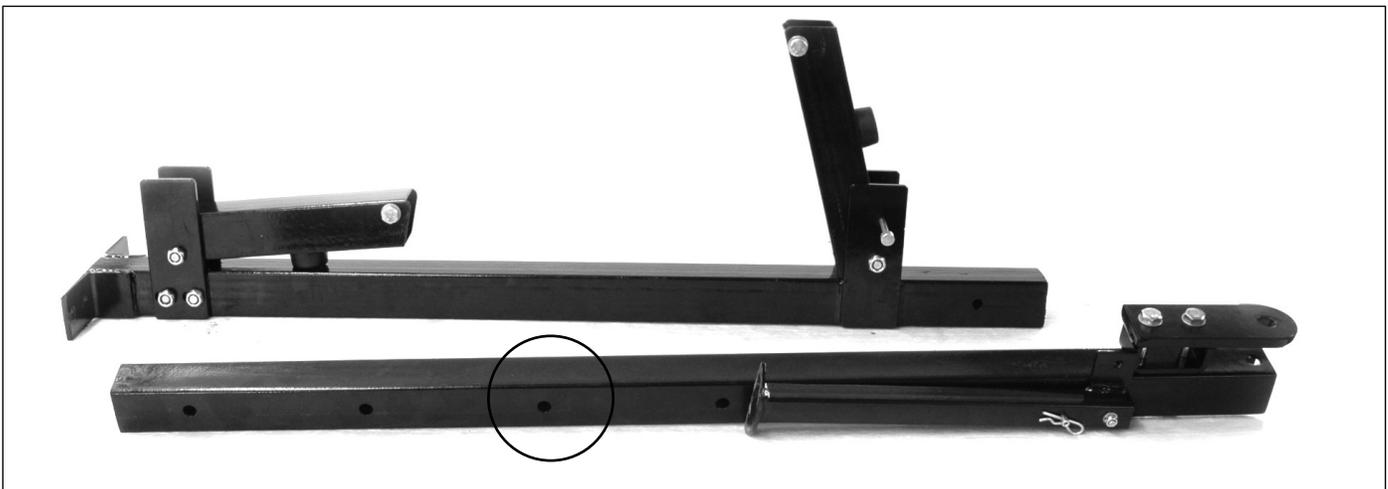


Figure 2

3. Mount axle assembly to the telescopic tongue. Assemble using (4) bolts - 76mm in length and locknuts. Tighten with 16mm and 17mm wrenches. **SEE FIGURE 3.**

NOTE: Make sure bolt is installed through spacer on outside bolt. There is only one spacer per unit. SEE FIGURE 4.

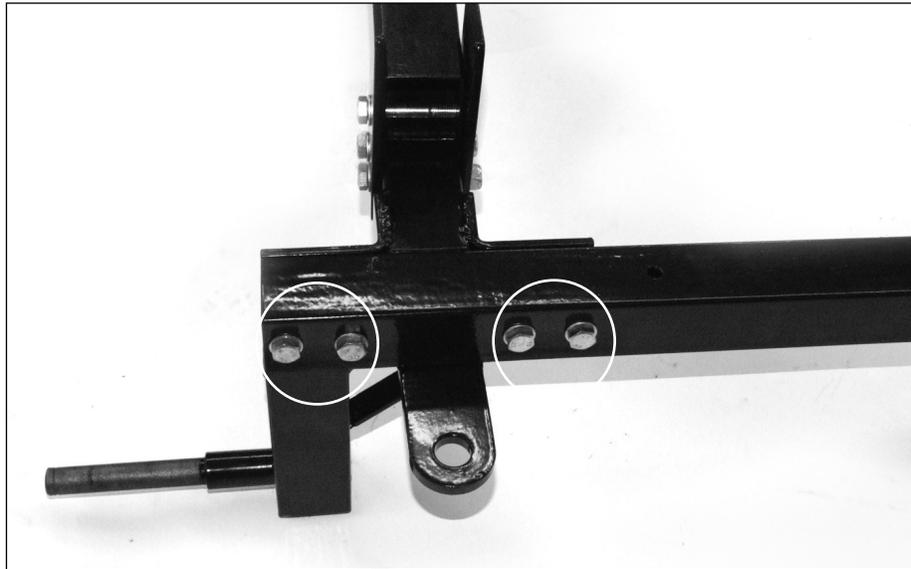


Figure 3



Figure 4

4. Mount ram/beam assembly onto uprights using 82mm bolts. Tighten, but do not over tighten the lock nut as the ram/beam assembly will use the bolt as a hinge.

Note: Holes in rear upright are elongated to assist in lining up the upright holes during assembly. Tighten these fasteners securely. SEE FIGURE 5.

5. Place wheel onto axle, valve stem out. Place washer onto axle and secure with snap ring. Repeat for the other axle. **SEE FIGURE 6.**
6. Attach engine assembly with (1) each of 70mm bolt and 25mm bolt to axle assembly. Tighten locknuts using 13mm wrenches.
7. **(U.S. Version)** Slide ram assembly to rear bracket and attach with (4) 20mm bolts, locknuts and (2) retainer plates. **SEE FIGURES 7 AND 8.**



Figure 6



Figure 5

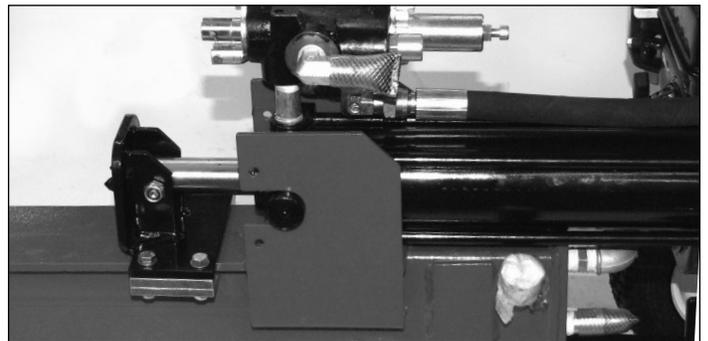


Figure 7

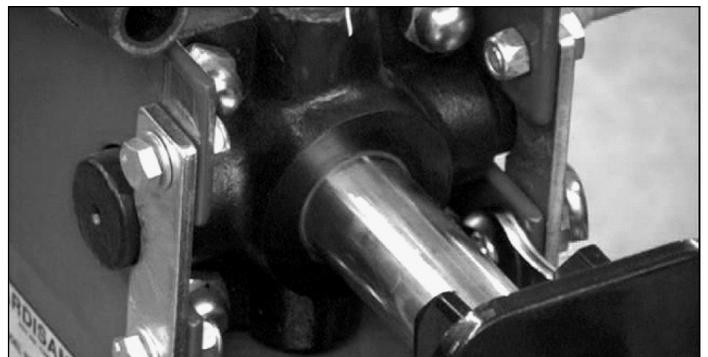


Figure 8

(European Version) Slide ram assembly, including flow valve mount support, to rear bracket and attach with (4) 20mm bolts, lock nuts, and (2) retainer plates. **SEE FIGURE 9.**

8. **(U.S. Version)** Install hydraulic valve control lever. Secure with pin and cotter key. **SEE FIGURE 10.**

(European Version) Install both hydraulic valve control levers. Secure with pin and cotter key. **SEE FIGURE 10.**

9. **(U.S. Version)** Install high pressure hydraulic hose to pump/engine assembly and hydraulic valve assembly. Swivel end of hose goes on pump. **SEE FIGURE 14.**

Notice the approximate 12 o'clock position of hydraulic fitting. SEE FIGURE 15.

TIP: Jiggle the fitting while tightening to ensure proper seating of the fitting.

(European Version) Install high pressure hydraulic hose to pump (port 2P) and flow control valve (port 2B) if not already attached. **SEE FIGURE 12 AND 13.**

Notice the approximate downward 7 o'clock position of hydraulic fitting. SEE FIGURE 11.

Tip: Jiggle the fitting while tightening to ensure proper seating of the fitting.

10. **(U.S. Version)** Install hydraulic supply hose on pump and tank assembly. Slide hose onto hose barb until snug and tighten with hose clamp. **SEE FIGURES 15 AND 16.**

(European Version) Install hydraulic supply hose on pump (port 1P) and tank (port 1T) if not already attached. Slide hose onto hose barb until snug and tighten with hose clamps. **SEE FIGURE 12 AND 13.**

11. **(European Version)** Install return hose on tank (port 2T) and on Elbow fitting/T-fitting assembly attached to flow valve (port 1B) if not already attached. Slide hose onto hose barb until snug and tighten with hose clamps. **SEE FIGURE 12 AND 13.**

12. **(European Version)** Install log cradle onto tank beam using (2) 90mm bolts, (2) 5/16-24 bolts, and (4) nylock nuts. **SEE FIGURE 17.**

13. See Hydraulic Filling instructions.

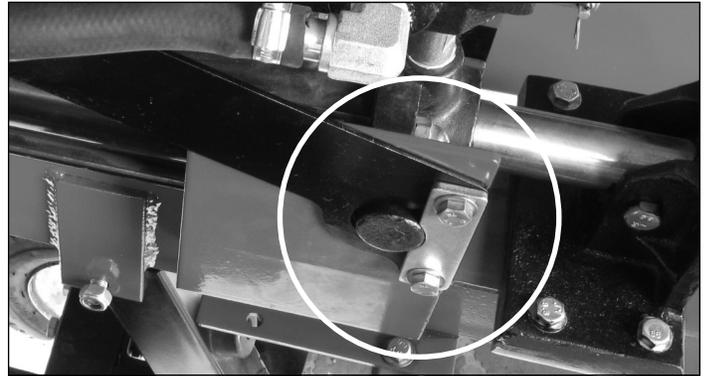


Figure 9

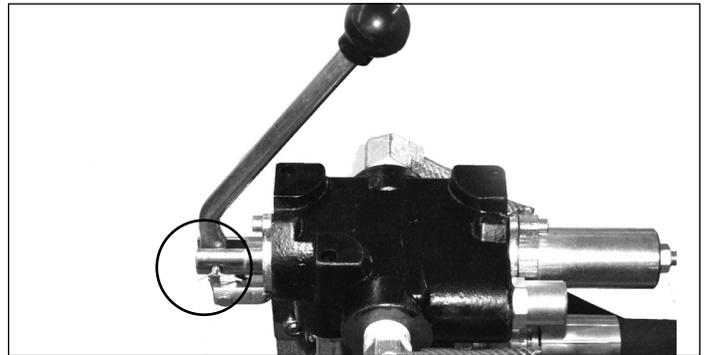


Figure 10

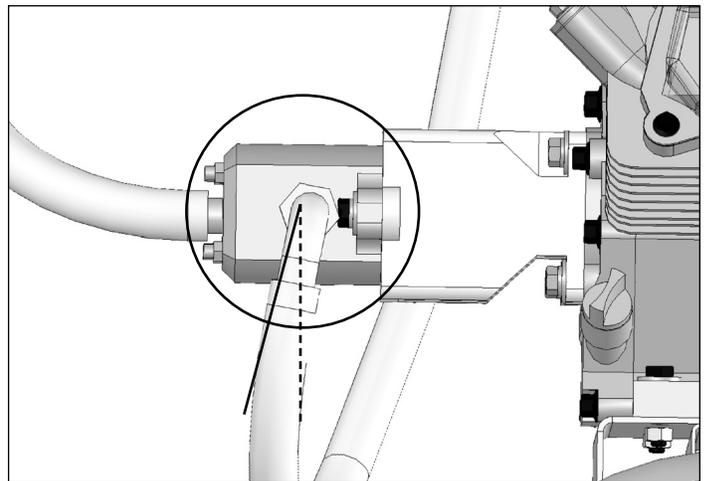


Figure 11

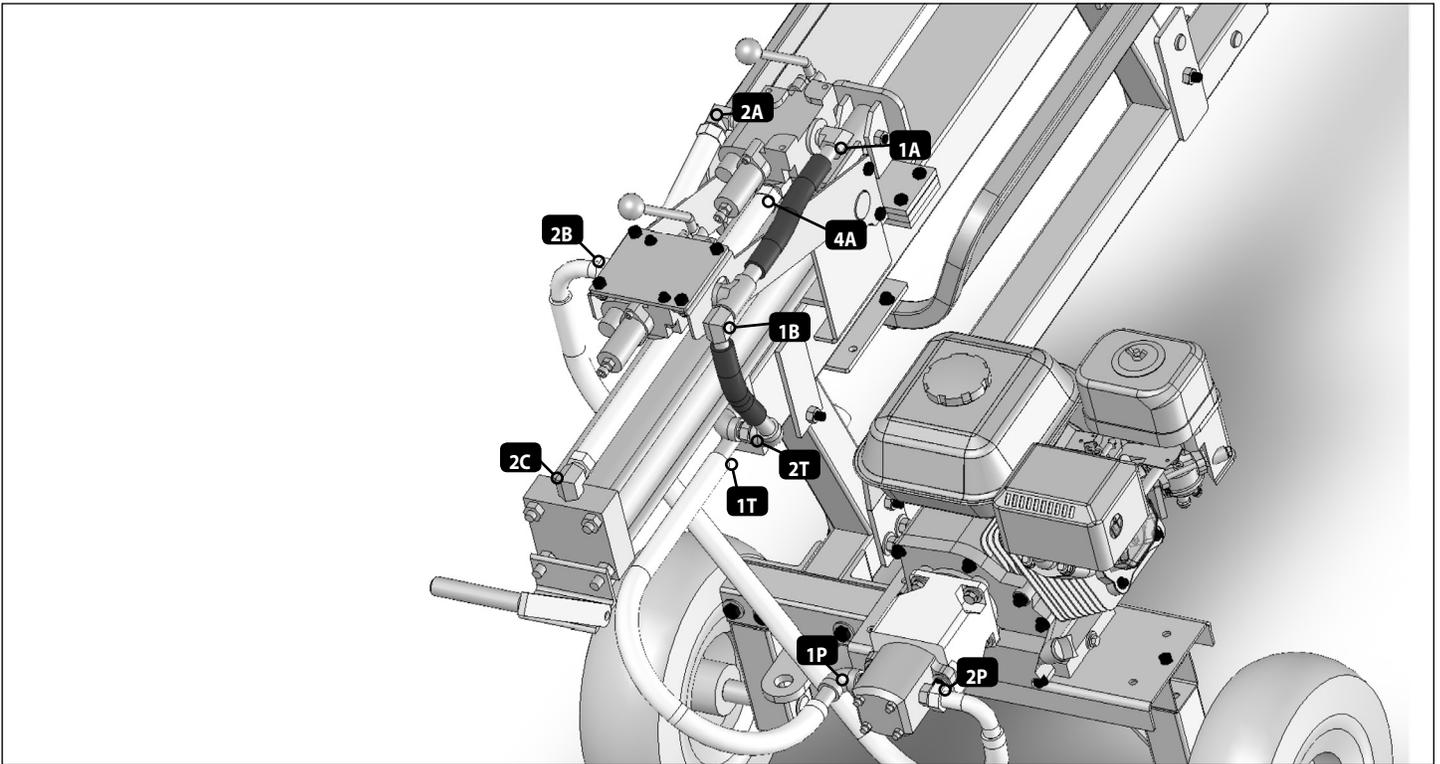


Figure 12

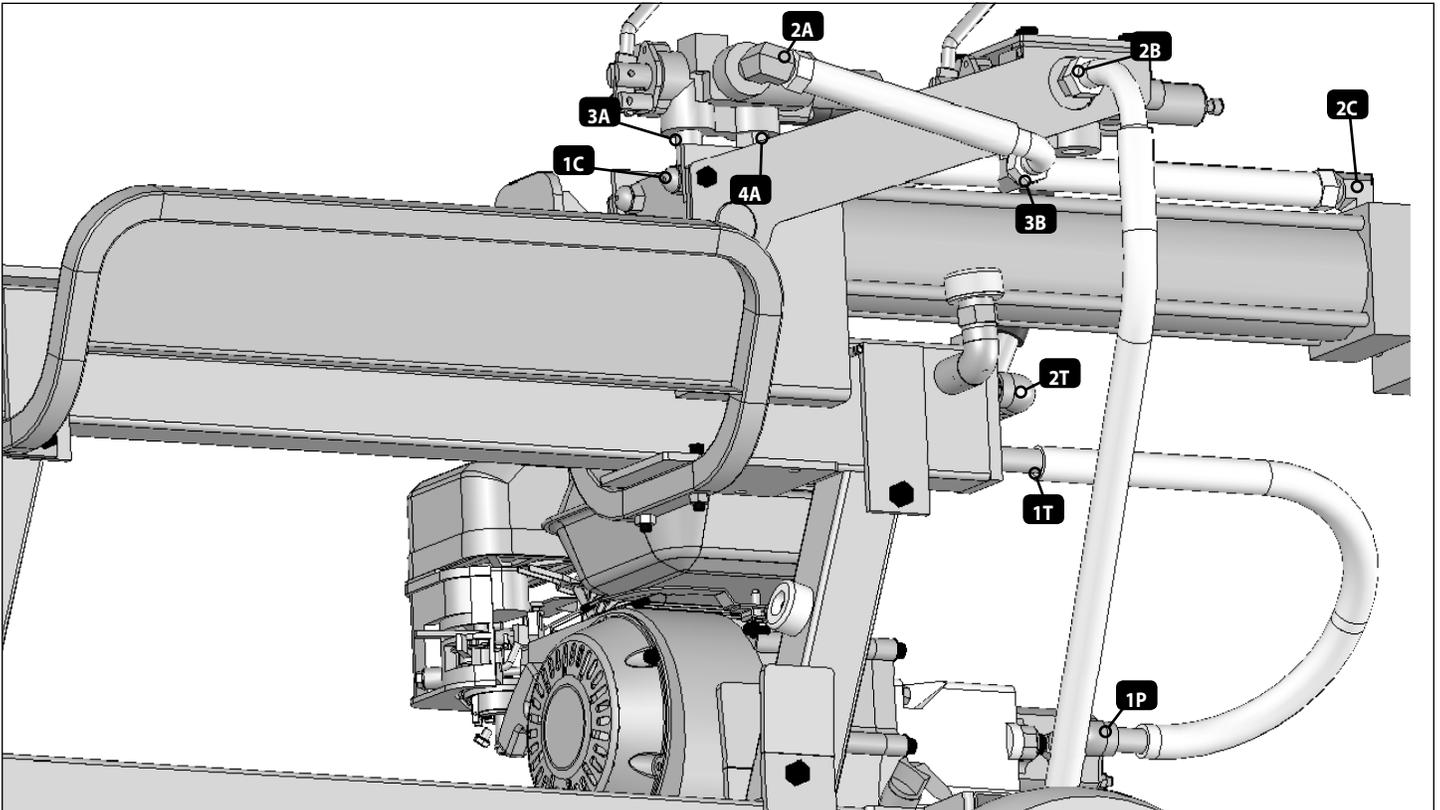


Figure 13

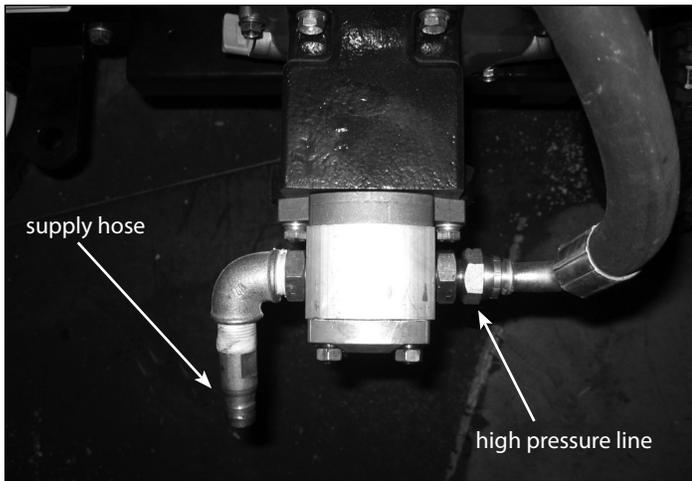


Figure 14



Figure 15

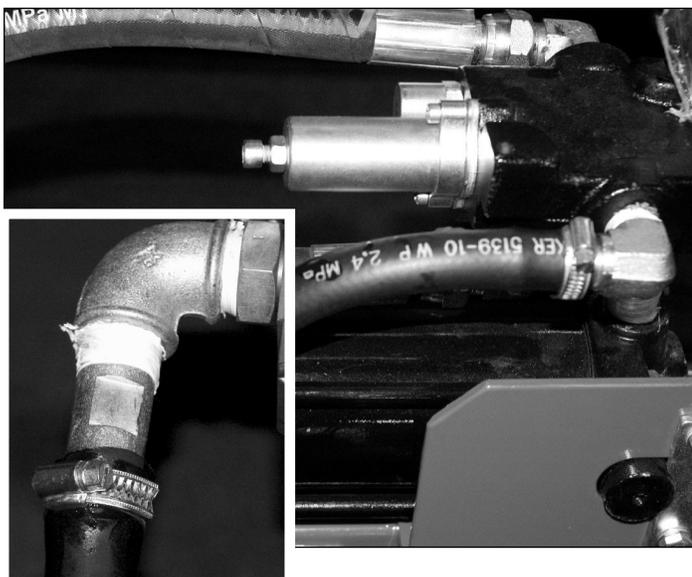


Figure 16

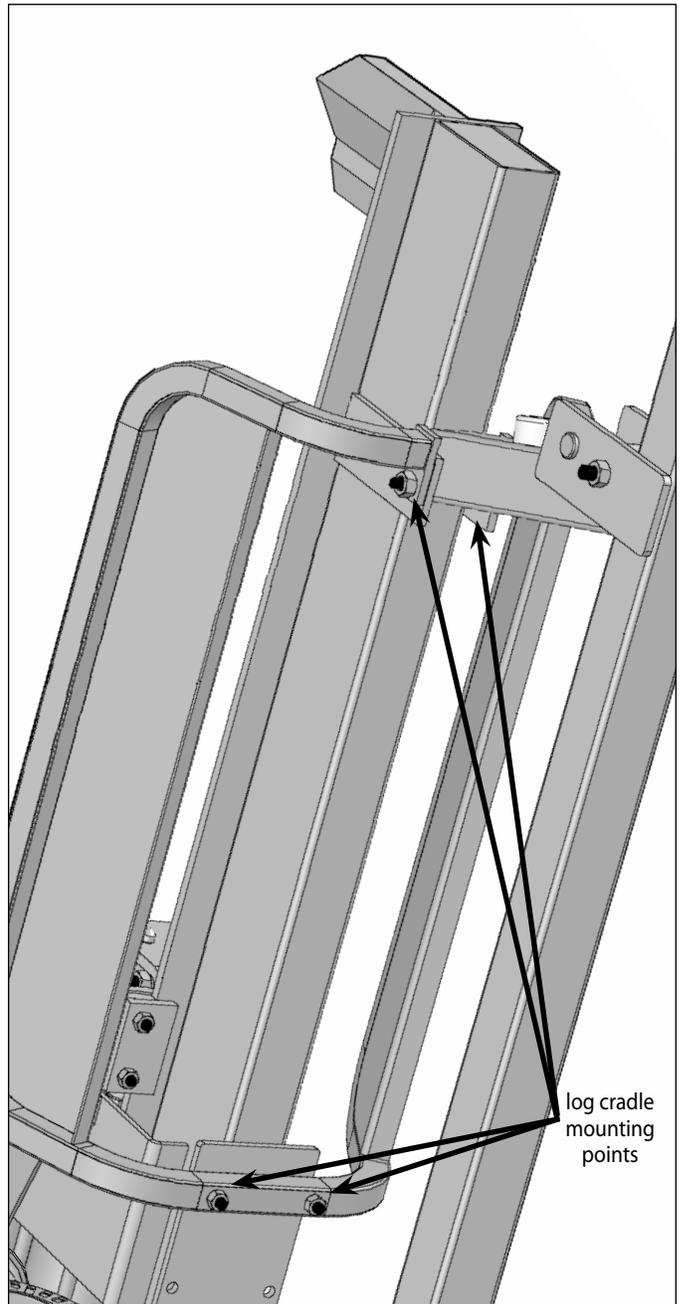


Figure 17

ALTERNATE ASSEMBLY*

Your log splitter can be assembled without the telescopic tongue assembly for even greater portability depending on your specific needs. Follow the alternate instructions to assemble your splitter in this manner. ***ALTERNATE ASSEMBLY WILL NOT WORK IN CONJUNCTION WITH OPTIONAL LOG CRADLE.**

1. Remove fasteners holding engine from base plate and remove engine. Set aside fasteners for later use.
 2. Mount engine base plate to ram/beam assembly using grade 5 (or greater) fasteners (**not included in hardware package**).
- Notice the positioning of the base plate and hole configuration. SEE FIGURES 18 AND 19.**
3. Remount engine to pre-drilled holes in base plate using the fasteners that were previously removed. **SEE FIGURE 20.**
 4. Install hydraulic valve control lever. Secure with pin and cotter key. **SEE FIGURE 21**

STARTING:

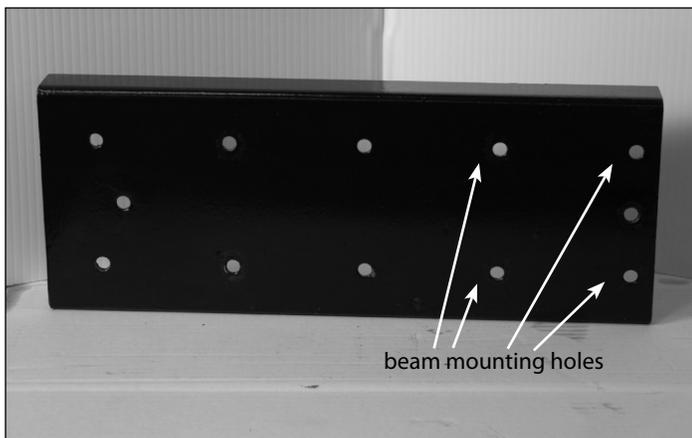
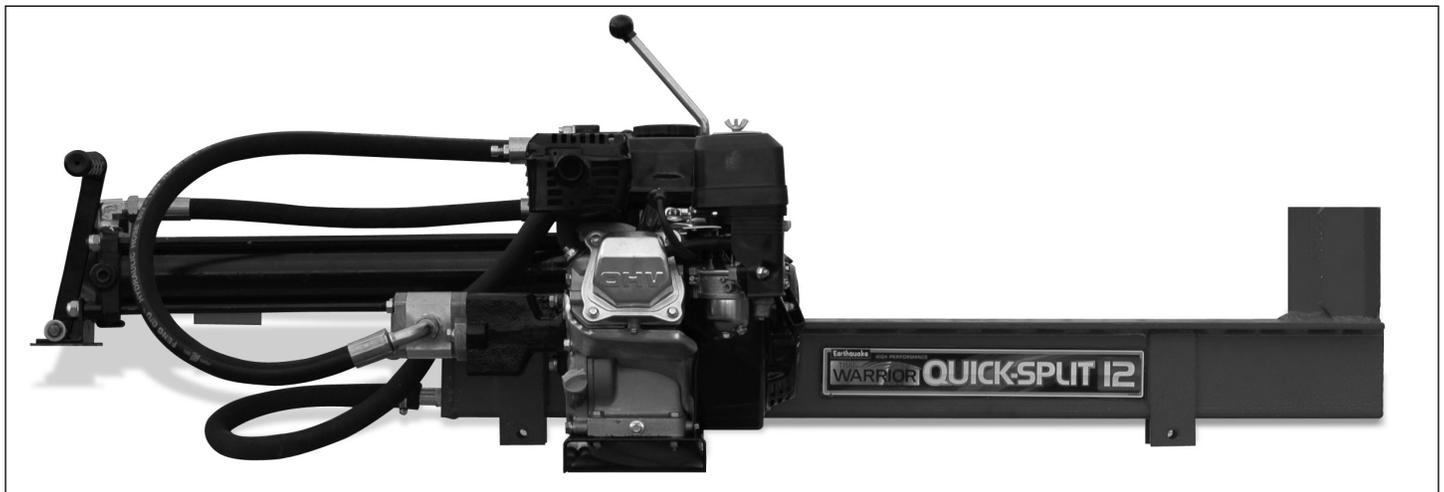


Figure 18

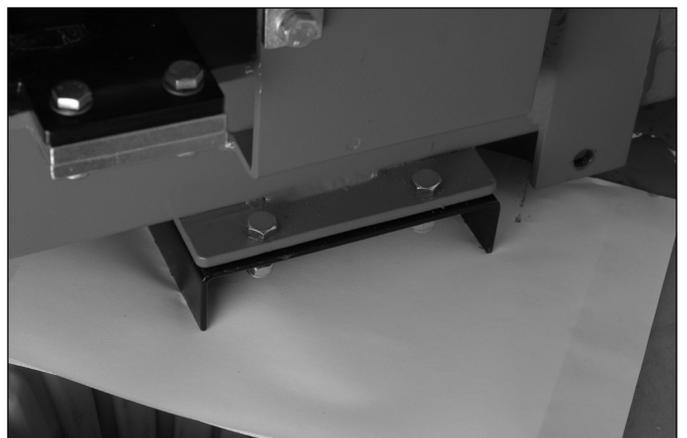


Figure 19

⚠ CAUTION

**ALWAYS WEAR SAFETY GLASSES DURING OPERATION.
DO NOT START OR RUN THE ENGINE WITHOUT OIL IN THE HYDRAULIC RESERVOIR AND ENGINE.**

5. Install high pressure hydraulic hose to pump/engine assembly and hydraulic valve assembly. Swivel end of hose goes on pump. **SEE FIGURE 22.**

TIP: Jiggle the fitting while tightening to ensure that the fitting seats properly.

6. Install hydraulic return line. Tighten with hose clamps. **SEE FIGURE 23.**
7. See hydraulic filling instructions in "Operation" section.



Figure 20

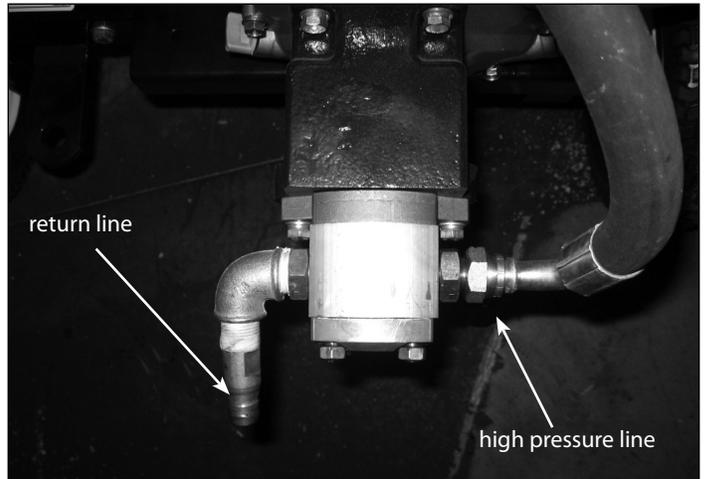


Figure 22

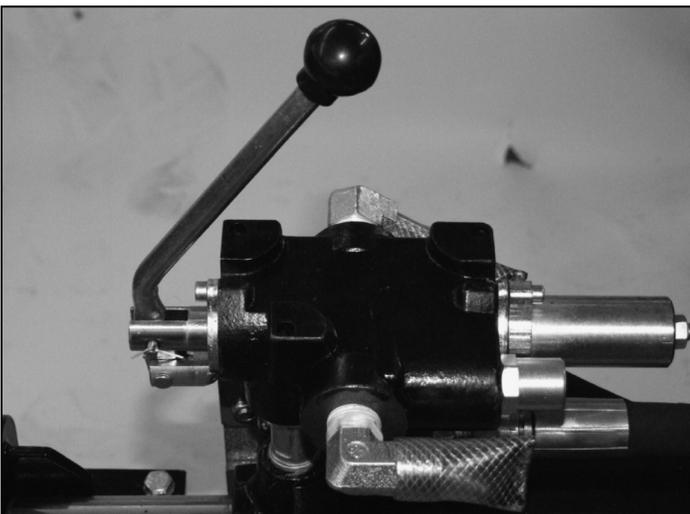


Figure 21



Figure 23

OPERATION

HYDRAULIC FILLING INSTRUCTIONS:

1. Open the air bleeder valve by turning counter clockwise approximately four turns. Failure to open vent will cause "air locking", making filling of the hydraulic tank reservoir difficult. **SEE FIGURE 24.**
2. Remove filler cap. **SEE FIGURE 24.**
3. Using a funnel in the fill spout pour 3 quarts of SAE10 hydraulic oil. If hydraulic oil is difficult to obtain, automatic transmission fluid can be substituted. **DO NOT mix hydraulic oil and transmission fluid.**
4. Start Engine (see instructions in engine manual).

WARNING

PLEASE FOLLOW INSTRUCTIONS TO FILL YOUR TRAIL WARRIOR LOG SPLITTER. FAILURE TO DO SO MAY RESULT IN UNSATISFACTORY OPERATION. AN IMPROPERLY FILLED HYDRAULIC SYSTEM MAY CREATE CAVITATIONS OF THE HYDRAULIC CYLINDER AND OVERALL POOR PERFORMANCE OR MAY CAUSE DAMAGE TO YOUR TRAIL WARRIOR LOG SPLITTER.

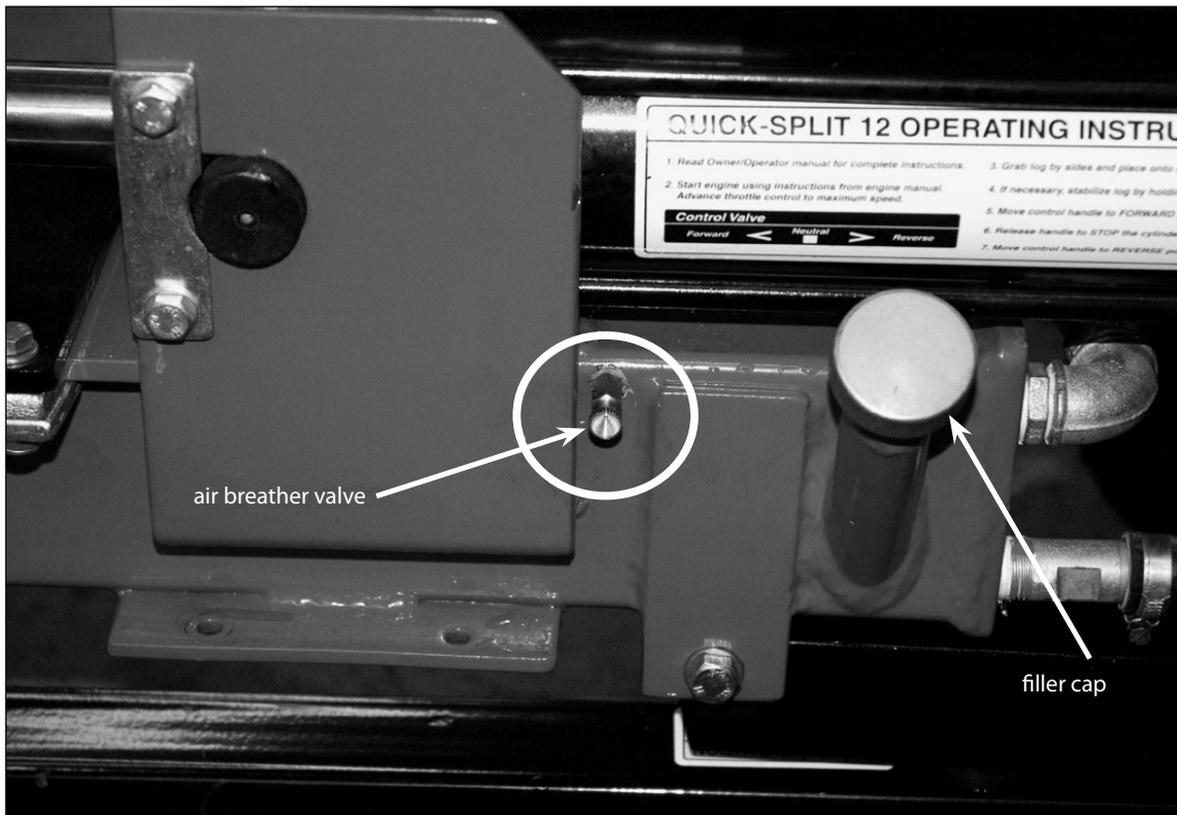


Figure 24

5. Move control lever forward to extend the hydraulic cylinder all the way. (It is normal for the cylinder to not move smoothly as it purges the air from the system.) **SEE FIGURE 25.** For European models with two valves, while holding the (rear) Flow Control valve lever in the rearward position with one hand, use the other hand to move the (front) Direction Control valve lever forward to extend the hydraulic cylinder all the way. **SEE FIGURE 26.**
6. Move control lever to the return position until ram is retracted fully. On European log splitter models with two valves, the (rear) Flow valve lever must be held in the rearward position in order for the (front) Direction Control valve lever to retract the ram when moved rearward.
7. Turn off engine.
8. With cylinder in the return position with the air bleeder valve still in the open position, open the filler cap very slowly to allow any air to escape that may have been trapped in the reservoir during the initial filling procedure.
9. Top off the reservoir by adding up to 3 more quarts of hydraulic fluid.

NOTE: Some units may not take the complete 3 quarts as they were filled and tested at the factory prior to shipment and some residual fluid still remains in the hydraulic system.

Your Trail Warrior is now properly filled and ready for use. You have the correct amount of fluid in the reservoir when you can see the fluid inside the fill spout. Some fill caps are equipped with dipstick for checking fluid level.

Once the log splitter is filled with fluid you can close the air bleeder valve by turning it all the way clockwise.

TIP: If your ram still does not travel smoothly, there may still be air in the hydraulic system or your fluid level is too low. If this is the case, with the engine turned off and the filler cap on, open your air bleeder valve and move the hydraulic control valve from the forward to return position a few times to purge any air that may be trapped in the hydraulic system.

NOTE: Doing this procedure with the filler cap removed will

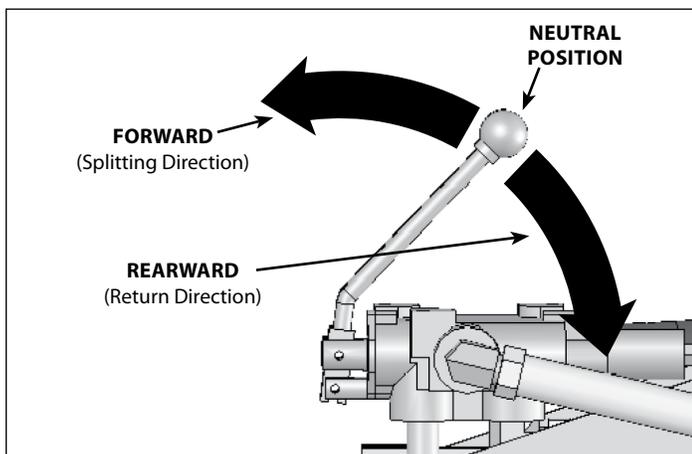


Figure 25: US Version

WARNING

FLUID ESCAPING FROM A VERY SMALL HOLE CAN BE VERY DIFFICULT TO SEE. DO NOT CHECK FOR LEAKS WITH YOUR HAND. ESCAPING FLUID UNDER PRESSURE CAN HAVE SUFFICIENT FORCE TO PENETRATE SKIN, CAUSING SERIOUS PERSONAL INJURY OR EVEN DEATH. LEAKS CAN BE LOCATED BY PASSING A PIECE OF CARDBOARD OR WOOD OVER THE SUSPECTED LEAK. LOOK FOR DISCOLORATION.

cause any air that is in the system to expel through the filler spout. Check for proper fluid level.

SYSTEM CHECK:

With the correct amount of hydraulic fluid in the system, operate the cylinder ram all the way into the forward direction and all the way in the return direction. Check that the ram moves smoothly without jerking. Check that there is no leaking of fluids at component ports, fittings, or hoses. If leaking is found, tighten fittings or clamps until leaking goes away. If leaking doesn't go away, contact Ardisam Customer Service (800-345-6007 M-F 8:00-5:00 PM CST, or e-mail info@ardisam.com).

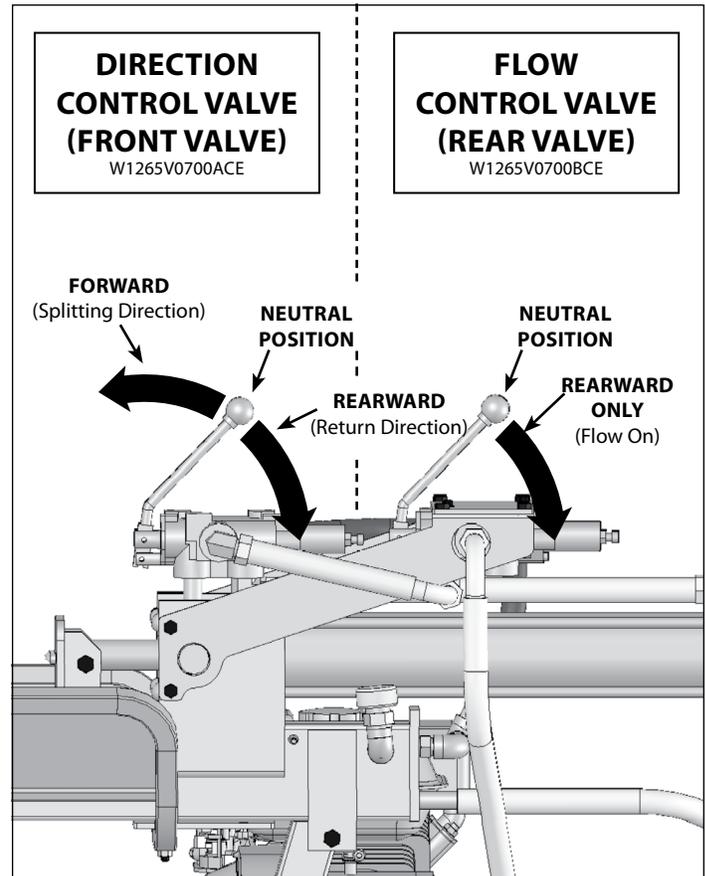


Figure 26 European Version

1. The hydraulic reservoir should be filled with an SAE 10 hydraulic oil. If hydraulic oil is difficult to obtain, automatic transmission fluid can be substituted. Use only clean oil and take care to prevent dirt from entering the hydraulic reservoir. **DO NOT mix hydraulic oil and transmission fluid.**

ENGINE OIL RECOMMENDATIONS:

1. Refer to Engine Operator's Manual for further information.

STARTING INSTRUCTIONS:

1. Turn fuel valve to "ON" position.
2. Move the throttle lever to "FAST". Always operate the engine with throttle lever in the "FAST" position.
3. Move choke control lever to "CHOKE" position.
4. Grasp rope handle and pull slowly until resistance is felt. Then pull rapidly to start engine and avoid engine kickback.
5. Allow the engine to warm up. If operating in warm weather, move the choke control lever toward "RUN" in small increments over several seconds. For cold weather operation do this procedure over several minutes. Operate with choke lever in the "RUN" position.
6. To stop engine, move the throttle lever to the "SLOW" position.

NOTE: The maximum governed speed on the engine is preset at the factory to 3600 RPM no load speed. When splitting wood, the throttle should be set at the maximum setting to develop the horsepower required for the pump.

7. Turn switch to "OFF" position.

NOTE: On the Viper Engine, the switch is located on the side of the engine near the log splitter tank assembly.

USING YOUR W1265V LOG SPLITTER:

Your log splitter can be used on or off the telescopic tongue assembly depending on which assembly configuration you choose to use. (See the "Assembly" section in this manual.)

For your convenience the ram/beam assembly can be elevated, which may be a more comfortable working position in some cases. To raise the beam/ram assembly, simply place one foot on the axle and pull with an upward and back motion. Once the ram/beam is elevated, be sure to lock the beam into position with locking pin. **SEE FIGURE 27.**

⚠ IMPORTANT

THE ENGINE AND HYDRAULIC RESERVOIR ARE SHIPPED WITHOUT OIL. SEE THE ENGINE OPERATOR'S MANUAL PACKED WITH YOUR LOG SPLITTER FOR THE TYPE OF CRANKCASE OIL, FUEL, ETC. THE ENGINE MANUFACTURER RECOMMENDS LEAD-FREE GASOLINE ONLY.



Figure 27

TOWING:

1. The W1265V is designed for **OFF ROAD USE ONLY**. It is designed to be pulled behind a lawn tractor, garden tractor or ATV only. **DO NOT exceed 15 mph when towing the W1265V log splitter.**
2. The log splitter is equipped with a telescopic tongue which is designed to extend to accommodate ATV racks, extensions, or anything currently protruding from back of an ATV. **DO NOT over extend the telescopic tongue as personal injury may result. SEE FIGURE 28.**
3. Your log splitter is equipped with a tandem hitch which allows you to tow an off road ATV/garden type trailer etc. at the same time. **DO NOT exceed 100 lb. tongue weight. SEE FIGURE 29.**
4. Make sure the beam is in the lowest position (Transport Position--**SEE FIGURE 30**) and the locking pin is securely attached before towing your log splitter.
5. Your log splitter can be used on or off the telescopic tongue



Figure 28

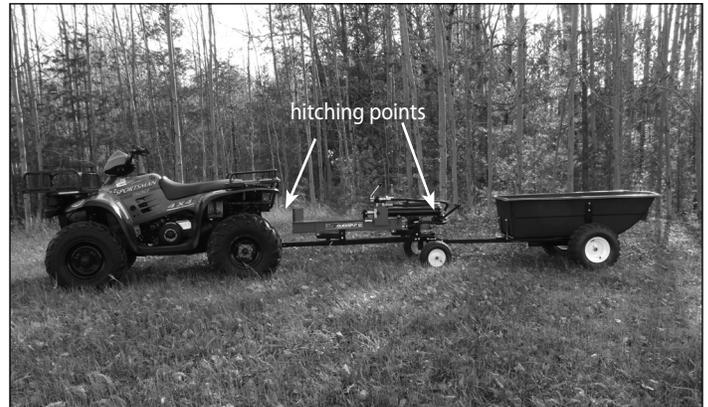


Figure 29

⚠ WARNING

ALWAYS WEAR SAFETY GLASSES DURING OPERATION.
KEEP HANDS AND FEET CLEAR OF RAM, STRIPPER CHANNELS AND FOOT PLATE AT ALL TIMES.
DO NOT OPERATE LOG SPLITTER IF THE OIL LEVEL IS MORE THAN TWO INCHES FROM TOP OF TANK WHEN THE WEDGE IS IN THE RETURNED POSITION.

assembly depending on which assembly configuration you choose to use. (See set-up instructions located preceding this section.)

6. For your convenience the ram/beam assembly can be elevated, providing more comfort in certain situations. To raise the beam/ram assembly, pull lock pin first then replace when up. Place one foot on the axle and pull with an upward and back motion. Once the ram/beam is elevated be sure to lock the beam into position with locking pin.

Transport Position

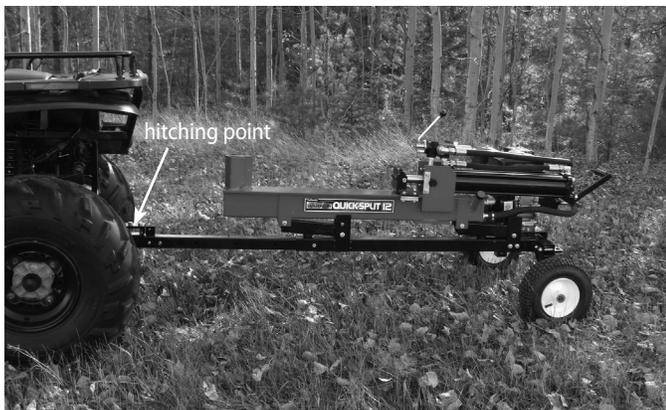


Figure 30

Non-Transport Position



BALL HITCH CONVERSION KIT ASSEMBLY INSTRUCTIONS (SEE FIGURE 31)

1. Remove the pin style hitch assembly that came mounted to the tongue of your log splitter.
2. Slide Adapter Tube onto the log splitter tongue until both holes in the Adapter Tube align with the two matching holes in the tongue. (See illustration on parts explosion, page 30).
3. Place 2" Ball Hitch Coupler onto the Adapter Tube so that both mounting holes in the 2" Ball Hitch Coupler align with the two matching holes in the Adapter Tube.
4. Secure all parts to the tongue with included two bolts, two flat washers, two split lock washers, and two nuts. Tighten nuts onto the bolts securely.

WARNING: DO NOT EXCEED 100 LB. AS THE MAXIMUM TONGUE WEIGHT ON THIS LOG SPLITTER.

NOTE: THE W1265V LOG SPLITTER IS DESIGNED FOR OFF-ROAD TOWING USE ONLY. DO NOT EXCEED 15 MPH.

BALL HITCH CONVERSION KIT OPERATION (SEE FIGURE 32)

1. Before using, adjust coupler locking pressure on ball. Put handle in locked position with ball in coupler. Tighten locknut against tension spring so that coupler is firmly on ball. The proper adjustment allows handle to be released with moderate pressure.
2. Pull up on coupler handle to open and place coupler over ball. When ball is seated in ball socket, pull back on handle to locked position.
3. Always check for tightness before towing and make sure handle is in locked position.

NOTE: Hitch coupler is only to be used on a 2-inch ball hitch. Do not use on a ball that is smaller than two (2) inches.

OPERATING THE SPLITTER (U.S. MODELS):

1. Set up the log splitter on a clear, level area and block the wheels.
2. Place a log on the beam against the wedge. Make sure that the log is placed securely on the wedge and against the beam.
3. Depress the control valve handle so that the cylinder will drive the log into the wedge. Extend the cylinder until the log splits or travels to the end of its stroke. If the log has not completely split after the cylinder has reached the end of its extension, retract the cylinder.

NOTE: For operation in wooded areas, obtain a spark arrestor for the exhaust system from the manufacturer of your engine. See also the Warnings and Safety Precautions section of this manual.

! IMPORTANT

LEAVING THE VALVE IN THE "ACTUATE" POSITION AT THE END OF THE STROKE MAY DAMAGE THE PUMP. ALWAYS USE EXTRA CARE WHEN SPLITTING LOGS WITH ENDS NOT SQUARE.

! IMPORTANT

TO EXTEND THE LIFE OF THE HYDRAULIC CYLINDER, AVOID "BOTTOMING OUT" WEDGE PLATE TO THE FOOT PIECE. TO CONFORM WITH INDUSTRY SAFETY RECOMMENDATIONS, THE WEDGE STOPS TWO INCHES FROM THE END OF THE STROKE.



Figure 31: Pin style hitch illustration. **NOTE: Use a hitch pin designed to be used with your ATV or garden tractor.**

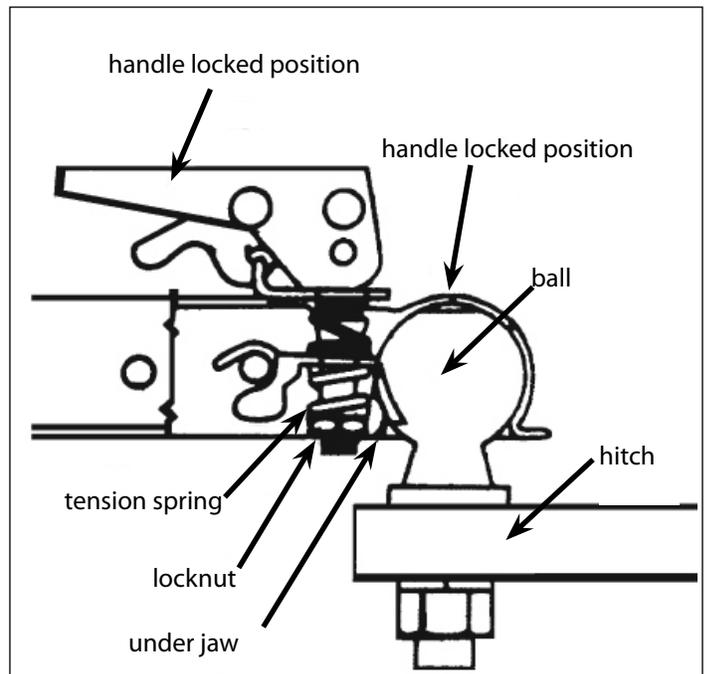


Figure 32: Ball hitch conversion kit

OPERATING THE SPLITTER (EUROPEAN MODELS):

1. Set up the log splitter on a clear, level area and block the wheels.
2. Place a log on the beam against the wedge. Make sure that the log is placed securely on the wedge and against the beam.
3. While holding the Flow Control valve lever (rear lever) in the rearward position with one hand, use the other hand to push the Direction Control valve lever (front lever) in the forward (splitting) direction so that the cylinder will drive the log into the wedge. Extend the cylinder until the log splits or until the cylinder travels to the end of its stroke. If the log has not completely split after the cylinder has reached the end of its stroke, retract the cylinder by pulling the Direction Control valve lever (front lever) in the rearward (return) direction. The Flow Control valve lever (rear lever) must always be held in the rearward position in order for the Direction Control valve to function.

IMPORTANT: LEAVING THE VALVE IN THE "ACTUATE" POSITION AT THE END OF THE STROKE MAY DAMAGE THE PUMP. ALWAYS USE EXTRA CARE WHEN SPLITTING LOGS WITH ENDS NOT SQUARE.

NOTE: If a spark arrestor is not included with the engine, obtain a spark arrestor for the exhaust system from the manufacturer of your engine before operation in wooded areas. See also the "Warning and Safety Precautions" section of this manual.

SOUND AND VIBRATION LEVELS

| Model | 2006/42/EC Operator Ear L _{pa} (dBA) | 2006/42/EC Sound Power Level L _{wa} (dBA) |
|--------------------------|---|--|
| W1265BCE Log Splitter | 89 | 104 |

| Model | 2006/42/EC Operator Ear L _{pa} (dBA) | 2006/42/EC Sound Power Level L _{wa} (dBA) |
|--------------------------|---|--|
| W1265VCE Log Splitter | 84 | 93.5 |

Sound levels tested in accordance with ISO3744 and ISO11201 - Grade 2 (Engineering) Method. Readings taken with engine at full throttle.

EAV: Exposure Action Value; ELV = Exposure Limit Value.

 **WARNING**

NEVER HAMMER ON THE JAMMED LOG OR PLACE YOUR HANDS NEAR THE LOG WHEN ATTEMPTING TO FREE IT.

 **IMPORTANT**

TO EXTEND THE LIFE OF THE HYDRAULIC CYLINDER, AVOID "BOTTOMING OUT" WEDGE PLATE TO THE FOOT PIECE. TO CONFORM WITH INDUSTRY SAFETY RECOMMENDATIONS, THE WEDGE STOPS TWO INCHES FROM THE END OF THE STROKE.

REMOVING A LOG AFTER A JAM

1. Pull back controls so that the log pusher is fully retracted.
2. Insert a triangular wedge of wood under the log and activate the log pusher to push the wedge under the jammed log.
3. Repeat this process using progressively large wedges until the jammed log is free.

MAINTENANCE AND STORAGE

Good maintenance is essential for safe, economical, and trouble-free operation. It will also help reduce air pollution. To help you properly care for your engine, this manual includes maintenance tips, routine inspection procedures, and simple maintenance procedures using basic hand tools. Other service tasks that are more difficult, or require special tools, are best handled by professionals and are normally performed by a technician or other qualified mechanic.

Maintenance, replacement or repair of the emissions control devices and systems may be performed by any non-road engine repair establishment or individuals. However, items must be serviced by an authorized dealer to obtain "no charge" emissions control service.

If you operate your engine under unusual conditions, such as sustained high-load or high-temperature operation, or use in unusually wet or dusty conditions, consult your servicing dealer for recommendations applicable to your individual needs and use.

1. **Consult the operating and maintenance instructions of the engine operator's manual for engine care and maintenance.**
2. Always check the fluid level of the hydraulic reservoir before operation. Fluid must register on the fill cap's dipstick when the cylinder ram is in the return position. For caps that are not equipped with a dipstick, fluid must be visible when looking into the fill port when the log splitter is positioned on a level surface. Operating the log splitter without an adequate fluid supply will cause severe damage to the hydraulic pump.
3. All replacement parts must meet manufacturer's specifications.
4. Check air pressure of tires before each use. Maintain pressure of 30 psi.

NOTE: To relieve pressure from the entire hydraulic system, hold the Flow Control valve lever in the rearward position, while moving the direction control valve lever alternately between the forward and rearward positions.

SPARE PARTS

ONLY use approved Ardisam spare parts.

TRANSPORTING YOUR LOG SPLITTER

See the accompanying engine manual for additional transportation instructions.

1. After using the log splitter and before transporting it in a truck bed, screw the gas cap screw and gas cap on (clockwise) tightly. The gas cap will not leak during transporting if gas cap is tight and the screw at the top is tight. Never transport engine inside an enclosed space within a vehicle. Fuel or fuel vapors may ignite causing serious injury or death.

2. If fuel is present in the fuel tank, transport in an open vehicle in an upright position.
3. If an enclosed vehicle must be used, remove gas into an approved red fuel container. DO NOT siphon by mouth.
4. Run engine to use up the fuel in the carburetor and fuel tank. Always run engine in a well-ventilated area.
5. Wipe away any spilled fuel from engine and splitter. Allow to dry.
6. Gas cap and gas cap vent screw should be turned down tightly before transporting splitter in a vehicle.

LONG-TERM STORAGE

If your log splitter will not be used for more than one month, prepare it for long-term storage.

Steps for Long-Term Storage

1. Remove the remainder of the fuel from the gas tank into an approved fuel container.
2. Store splitter in a horizontal position.
3. Remove all debris from cradle area and engine.

TROUBLESHOOTING AND REPAIR

At Earthquake, we build quality and durability into the design of our products; but no amount of careful design by us, and careful maintenance by you, can guarantee a repair-free life for your Earthquake Log Splitter. Most repairs will be minor, and easily fixed by following the suggestions in the troubleshooting guide in this section.

The troubleshooting guide will help you pinpoint the causes of common problems and identify remedies.

For more complicated repairs, you may want to rely on your retailer, an authorized service center or Earthquake. Earthquake will make the necessary repairs if a service center is not available. A parts breakdown is located toward the end of this manual.

We will always be glad to answer any questions you have, or help you find suitable assistance. To order parts or inquire about warranty, call or e-mail us using the contact information found in this section.

ORDERING REPLACEMENT PARTS

Parts can be obtained from the store where the log splitter was purchased or direct from the factory. To order parts visit www.getearthquake.com or call 1-800-345-6007.

For other general questions, you can e-mail us at info@ardisam.com.

Please include the following information with your order:

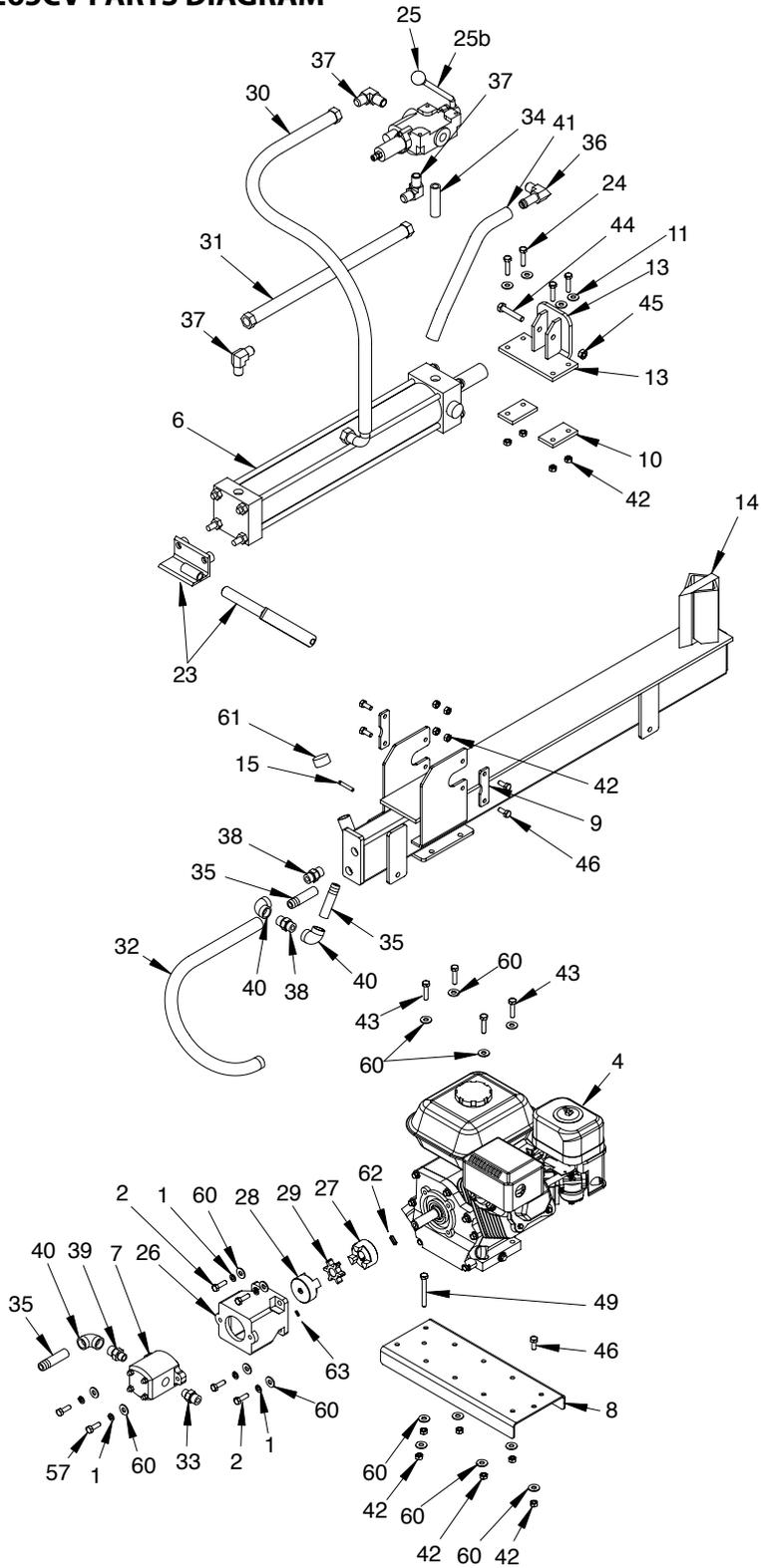
- 1) Part numbers
- 2) Part description
- 3) Quantity
- 4) Model number and serial number

TROUBLESHOOTING (ENGINE)

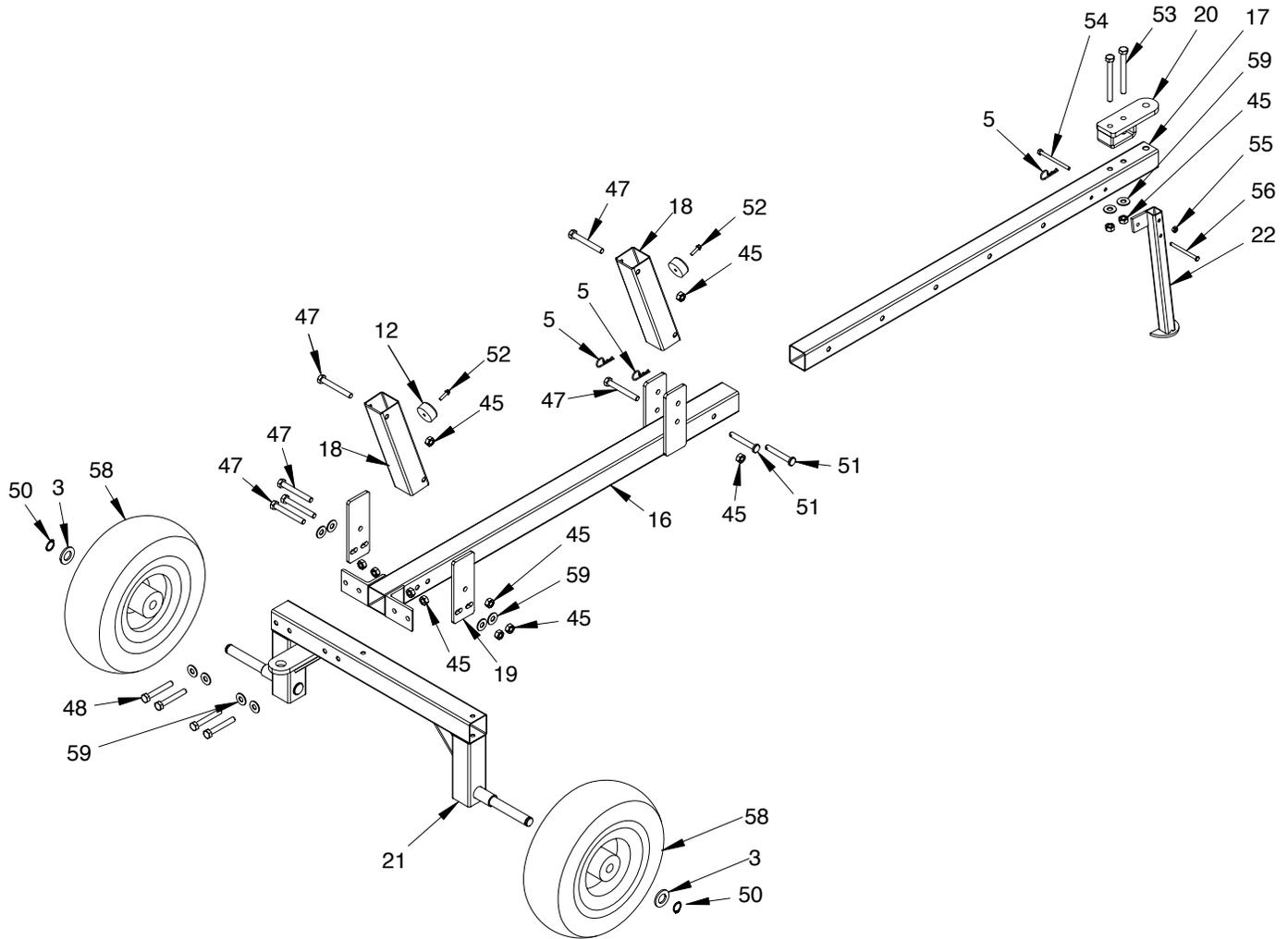
| PROBLEM | POSSIBLE CAUSE | REMEDY/ACTION |
|--|--|---|
| Engine will not start | 1. Power switch off | 1. Flip switch to ON position |
| | 2. Spark plug wire disconnected | 2. Connect spark plug wire to spark plug |
| | 3. Out of fuel | 3. Refuel |
| | 4. Spark plug wet, faulty or improperly gapped | 4. Clean, replace or gap spark plug |
| | 5. Throttle control not held open | 5. Hold throttle control open when pulling recoil handle |
| | 6. Fuel line hose not positioned in bottom of gas tank | 6. Push fuel line down into fuel in gas tank |
| | 7. Stale fuel | 7. Drain old fuel and replace with fresh. Use fuel stabilizer as a future preventative measure. |
| Engine runs rough, floods during operation | 1. Dirty air filter | 1. Clean or replace air filter |
| | 2. Choke partially engaged | 2. Turn off choke |
| | 3. Carburetor out of adjustment | 3. Call factory |
| Engine is hard to start | 1. Stale fuel | 1. Drain old fuel and replace with fresh. Use fuel stabilizer as a future preventative measure. |
| | 2. Spark plug wire loose | 2. Make sure spark wire is securely attached to spark plug |
| | 3. Dirty carburetor | 3. Clean carburetor, use gas stabilizer, new gas can |
| | 4. Throttle control not held open | 4. Prime unit three more times, then hold throttle open when pulling recoil handle |
| Engine misses or lacks power | 1. Clogged gas tank | 1. Remove and clean gas tank |
| | 2. Clogged air filter | 2. Clean or replace air filter |
| | 3. Carburetor out of adjustment or bad | 3. Call factory |
| | 4. Spark plug wet, faulty or improperly gapped | 4. Clean, replace or gap spark plug |
| Engine runs, then quits | 1. Gas cap not venting | 1. Clean or replace gas cap, check vent |
| | 2. Plugged fuel filter | 2. Clean or replace fuel filter |
| | 3. Carburetor out of adjustment or bad | 3. Call factory |
| Engine revs too high | 1. Carburetor out of adjustment | 1. Call factory |

Contact service provider at 800-345-6007 if above remedies fail.

PARTS BREAKDOWN W1265V, W1265B, W1265CV PARTS DIAGRAM



W1265V, W1265B, W1265CV PARTS DIAGRAM (CONT.)



W1265V, W1265B, W1265CV PARTS LISTING

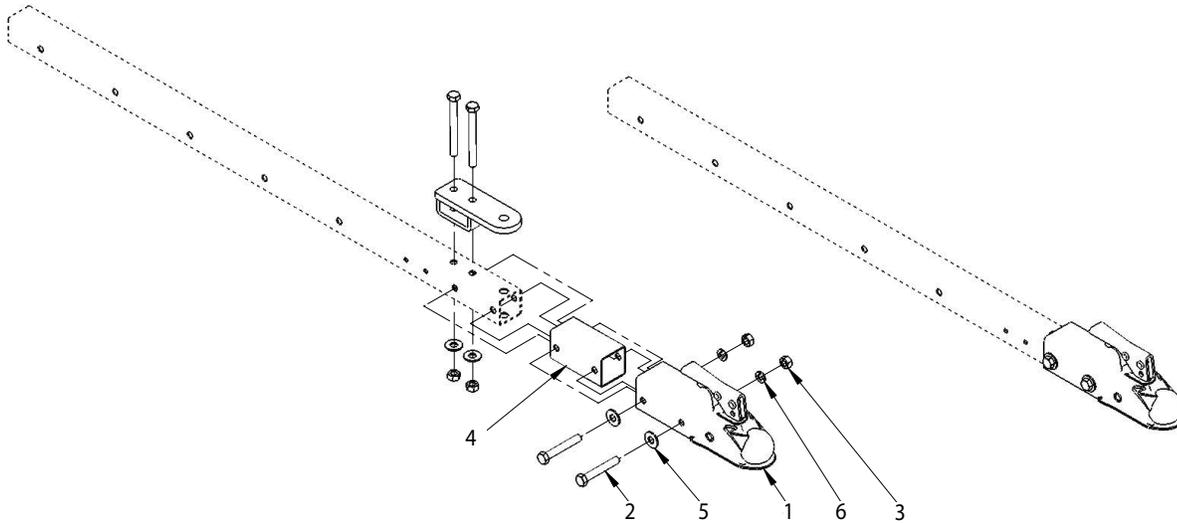
| KEY # | PART # | DESCRIPTION | QTY |
|-------|-------------|--|-----|
| 1 | 504 | LOCKWASHER-SPRING 5/16" | 6 |
| 2 | 810 | BOLT 5/16-24 X 1 HH GR5 | 4 |
| 3 | 4159 | WASHER 3/4" SPINDLE SAE | 2 |
| 4 | 31320 | ENGINE - 6.5 HP VIPER HORZ | 1 |
| 4 | 31338 | ENGINE 196CC HORIZONTAL VIPER | 1 |
| 4 | 31350** | ENGINE 212CC VIPER (FOR MODEL W1265CV ONLY) | 1 |
| 4 | 60501* | BRIGGS & STRATTON 205CC* | 1 |
| 4 | 60501CE | ENGINE - 205CC BRIGGS & STRATTON (EUROPEAN) | 1 |
| 5 | HAIR5 | PIN OVAL HAIR PIN 5/16" Z | 3 |
| 6 | W1265V0100 | CYLINDER, HYDRAULIC 75MM X 21" TRUNNION MOUNT | 1 |
| 7 | W1265V0110 | PUMP, HYDRAULIC SINGLE STAGE 4 GPM | 1 |
| 8 | W1265V0205 | PLATE, ENGINE MOUNT 12 TON LOG SPLITTER | 1 |
| 9 | W1265V0209 | PLATE, RETAINER TRUNNION HYDRAULIC CYLINDER | 2 |
| 10 | W1265V0210A | PLATE, RETAINER CAST STEEL PUSH BLOCK, 12 TON LOG SPLITTER | 2 |
| 11 | 400024 | WASHER FLAT M8 X 16 X 1.5 | 4 |
| 12 | W1265V0216 | BUMPER, PAD 12 TON LOG SPLITTER LIFT | 2 |
| 13 | W1265V0218A | CAST STEEL, PUSH BLOCK 12 TON LOG SPLITTER | 1 |
| 14 | W1265V0219 | WELDMNT, BEAM 12 TON LOG SPLITTER | 1 |
| 15 | W1265V0220 | SCREW, AIR VENT | 1 |
| 16 | W1265V0300 | WELDMNT, TONGUE LOG SPLITTER TRAILER | 1 |
| 17 | W1265V0302 | EXTENSION, TONGUE LOG SPLITTER TRAILER | 1 |
| 18 | W1265V0303 | TUBE, RISER LOG SPLITTER TRAILER | 2 |
| 19 | W1265V0304 | PLATE, RISER SUPPORT ADJ LOG SPLITTER TRAILER | 2 |
| 20 | W1265V0311 | WELDMNT, HITCH LOG SPLITTER TRAILER | 1 |
| 21 | W1265V0400 | WELDMNT, AXEL LOG SPLITTER TRAILER | 1 |
| 22 | W1265V0500 | WELDMNT, KICKSTAND LOG SPLITTER TRAILER | 1 |
| 23 | W1265V0600 | WELDMNT, LIFT HANDLE MOUNT 12 TON LOG SPLITTER | 1 |
| 24 | 800100 | BOLT M8-1.25 X 45 HHCS GR8.8 ZN F-T | 4 |
| 25 | W1265V0700 | VALVE, LOG SPLITTER WITH SPRING RETURN | 1 |
| 25B | W1265V0700K | HANDLE, VALVE WITH CLEVIS AND HAIR PINS | 1 |
| 26 | W1265V0801 | SPACER, HYDRAULIC PUMP 12 TON SPLITTER | 1 |
| 27 | W1265V0802 | COUPLING, LOVE JOY 19MM BORE WITH SET SCREW | 1 |

| KEY # | PART # | DESCRIPTION | QTY |
|-------|--------------|--|-----|
| 28 | W1265V0803 | COUPLING, LOVE JOY 10MM BORE WITH SET SCREW | 1 |
| 29 | W1265V0804 | SPIDER, LOVE JOY L SERIES | 1 |
| 30 | W1265V0805 | HYDRAULIC HOSE 40 MPA WITH 1/7 JIC SWIVEL FITTINGS | 1 |
| 31 | W1265V0806 | HOSE, HYDRAULIC 40 MPA WITH 1/2" JIC SWIVEL FITTINGS | 1 |
| 32 | W1265V0807 | HOSE, HYDRAULIC SUCTION PUMP SUPPLY LOG SPLITTER | 1 |
| 33 | W1265V0808 | FITTING, HYDRAULIC | 1 |
| 34 | W1265V0810 | PIPE, NIPPLE 1/2 NPT VALVE SPACER LOG SPLITTER | 1 |
| 35 | W1265V0811 | FITTING 1/2" NPT TO HOSE | 3 |
| 36 | W1265V0812 | FITTING, ELBOW 1/2" TO HOSE | 1 |
| 37 | W1265V0813 | FITTING, ELBOW 1/2"NPTTO1/7"JIC | 3 |
| 38 | W1265V0814 | COUPLING 1/2" MALE TO MALE | 2 |
| 39 | W1265V0815 | COUPLING 1/2" TO 3/8" MALE TO MALE | 1 |
| 40 | W1265V0816 | ELBOW 1/7NPT | 3 |
| 41 | W1265V0817 | HOSE, HYDRAULIC LOW PRESSURE RETURN | 1 |
| 42 | W1265V0900 | NUT, M8 NYLOCK ZINC GRADE 8.8 | 14 |
| 43 | W1265V0901 | BOLT, M8 X 35 HHCS ZINC GRADE 8.8 | 4 |
| 44 | W1265V0902 | BOLT, M10 X 70 HHCS ZINC GRADE 8.8 | 1 |
| 45 | W1265V0903 | NUT, M10 ZINC GRADE 8.8 | 13 |
| 46 | W1265V0904 | BOLT, M8 X 20 HHCS ZINC GRADE 8.8 | 5 |
| 47 | W1265V0905 | BOLT, M10 X 80 HHCS ZINC GRADE 8.8 | 6 |
| 48 | W1265V0902 | BOLT, M10 X 70 HHCS ZINC GRADE 8.8 | 4 |
| 49 | W1265V0907 | BOLT, M8 X 70 HHCS ZINC GRADE 8.8 | 1 |
| 50 | W1265V0908 | RING, RETAINING 3/4" EXTERNAL | 2 |
| 51 | W1265V0909 | PIN, CLEVIS M10 X 70 ZINC | 2 |
| 52 | W1265V0910 | SCREW, MACHINE SELF TAPPING | 2 |
| 53 | W1265V0911 | BOLT, M10 X 100 HHCS ZINC GRADE 8.8 | 2 |
| 54 | W1265V0912 | BOLT, M6 X 80 HHCS ZINC GRADE 8.8 | 1 |
| 55 | W1265V0913 | NUT, M6 NYLOCK GRADE 8.8 | 1 |
| 56 | W1265V0914 | PIN, CLEVIS M6 X 55 | 1 |
| 57 | W1265V0915 | BOLT, M8 X 25 HHCS ZINC GRADE 8.8 | 2 |
| 58 | W1265V1000 | TIRE AND WHEEL WITH BEARING AND 3/4 HUB DIA | 2 |
| 59 | WF38 | WASHER FLAT 3/8 STANDARD ZINC | 10 |
| 60 | WF516 | WASHER FLAT 5/16" STANDARD ZN | 14 |
| 61 | W1265V020303 | FILLER CAP | 1 |
| 62 | 4352 | KEY 3/16 X 3/4 | 1 |
| 63 | W1265V0820 | KEY ROUNDED 3MM X 3MM X 10MM | 1 |

* For model W1265B only.

** Engine 31350 is for model W1265CV only.

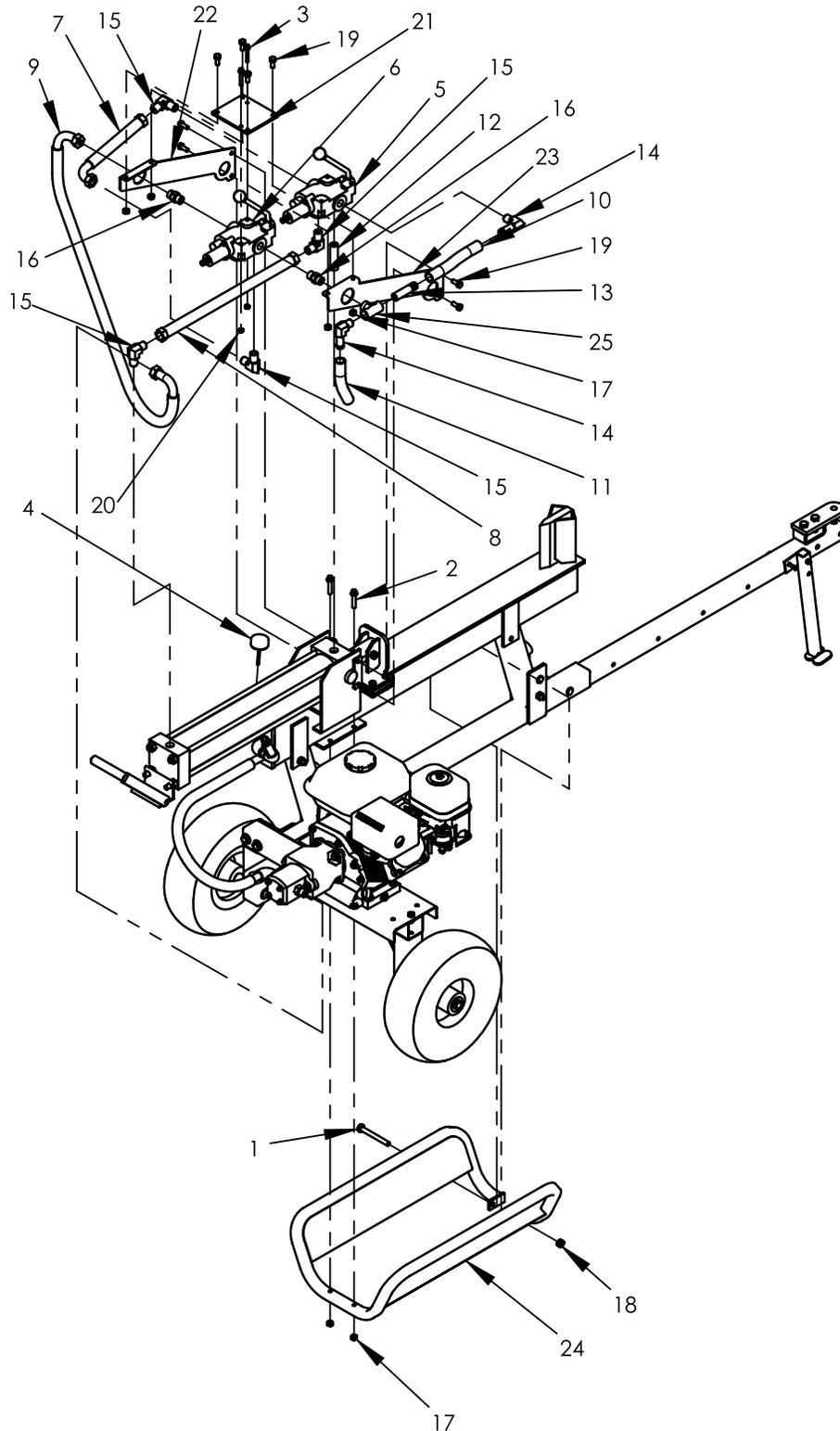
W1265V BALL HITCH CONVERSION KIT



W1265V BALL HITCH CONVERSION KIT (W1265V1102) PARTS LISTING

| KEY # | PART # | DESCRIPTION | QTY |
|-------|------------|-----------------------|-----|
| 1 | 4386 | 2" BALL HITCH COUPLER | 1 |
| 2 | W1265V0902 | BOLT, M10 X 70 | 2 |
| 3 | W1265V0903 | NUT, M10 | 2 |
| 4 | W1265V1101 | ADAPTER TUBE | 1 |
| 5 | WF38 | FLAT WASHER | 2 |
| 6 | 719 | SPRING LOCK WASHER | 2 |

W1265VCE, W1265BCE PARTS DIAGRAM





W1265VCE, W1265BCE PARTS LISTING

| KEY # | PART # | DESCRIPTION | QTY |
|-------|----------------|--|-----|
| 1 | 2109 | BOLT M10 X 90 HHCS ZINC GRADE 8.8 | 1 |
| 2 | 3316 | BOLT M8 X 1.25 X 90 HHCS GR 8.8 ZN | 2 |
| 3 | 400021 | BOLT FLANGE M6X40 | 2 |
| 4 | W1265V0221CE | ASSEMBLY, FILL CAP WITH DIPSTICK FOR 12 LS | 1 |
| 5 | W1265V0700ACE | VALVE, FORWARD CONTROL CE | 1 |
| 6 | W1265V0700BCE | VALVE, REAR CONTROL CE | 1 |
| 7 | W1265V0805CE | HYDRAULIC HOSE 40 MPA WITH 1/2" JIC SWIVEL FITTINGS | 1 |
| 8 | W1265V0806 | HOSE, HYDRAULIC 40 MPA WITH 1/2" JIC SWIVEL FITTINGS | 1 |
| 9 | W1265V0806CE | HYDRAULIC HOSE 40 MPA WITH 1/2" JIC SWIVEL FITTINGS | 1 |
| 10 | W1265V0807BCE | HOSE, LOW PRESSURE RETURN 7 INCH | 1 |
| 11 | W1265V0807CCE | HOSE, LOW PRESSURE RETURN 5 1/2 INCH | 1 |
| 12 | W1265V0810 | PIPE, NIPPLE 1/2 NPT VALVE SPACER LOG SPLITTER | 1 |
| 13 | W1265V0811 | FITTING 1/2" NPT TO HOSE | 1 |
| 14 | W1265V0812 | FITTING, ELBOW 1/2" TO HOSE | 2 |
| 15 | W1265V0813 | FITTING, ELBOW 1/2" NPT TO 1/2" JIC | 4 |
| 16 | W1265V0814 | COUPLING 1/2" MALE TO FEMALE | 2 |
| 17 | W1265V0900 | NUT, M8 NYLOCK ZINC GRADE 8.8 | 6 |
| 18 | W1265V0903 | NUT M10 HNYLK GR8.8 ZN | 1 |
| 19 | W1265V0904 | BOLT, M8 X 20 HHCS ZINC GRADE 8.8 | 8 |
| 20 | W1265V0913 | NUT M6 X 1.0 HNYLK GR8.8 ZN | 2 |
| 21 | W1265V1001CE | PLATE, 2ND VALVE MOUNT | 1 |
| 22 | W1265V1002CE | SUPPORT, LEFT 2ND VALVE MOUNT | 1 |
| 23 | W1265V100201CE | SUPPORT, RIGHT 2ND VALVE MOUNT | 1 |
| 24 | W1265V2101* | WELDMENT, LOG CRADLE 12 TON SPLITTER | 1 |
| 25 | W1265V0812CE | TEE 1/2" NPT | 1 |

* W1265V2101 can be purchased separately for non-European models.

DP0959 CE DECLARATION



EC DECLARATION OF CONFORMITY



Name and Address of the manufacturer: Ardisam Manufacturing Inc.
1690 Elm Street, Cumberland,
WI U.S.A 54829

Name and Address of person authorised to compile the technical file: Mr Andrew Clark, Designplus (Eng.) Ltd.,
10 Chapel Lane, West Bergholt, Colchester, Essex, CO6 3EG.
United Kingdom.

Description of Equipment: Log Splitter, petrol engine, hydraulic drive

Model / Type: W1265BCE & W1265VCE

Serial No.: _____

Directives / Conformity Assessment Procedures: Machinery Directive (2006/42/EC) / Annex VIII

Technical standards and specifications: EN 609-1: 1999 - Agricultural & forestry machinery – Safety of log splitters – Part 1:
Wedge splitters

Declaration: **The person signing below declares that the above named equipment fulfils all the relevant provisions of the stated directives.**

Place of Declaration & Date: Ardisam Inc., Cumberland, WI USA. 26th November 2009

Signed: 

Printed Name of Authorised Signatory: Kirk Hyatt

Position in Company: EarthQuake Project Manager

Ardisam W1265BCE Log Splitter



TRAIL WARRIOR QUICK SPLIT 12 TON LOG SPLITTER

1-YEAR LIMITED WARRANTY

Terms and Conditions

Ardisam, Inc., a manufacturing company, warrants this **EARTHQUAKE[®] TRAIL WARRIOR QUICK SPLIT 12 TON LOG SPLITTER** to be free from defects in the material or workmanship for a period of one year from the date of purchase. During the one-year warranty of this product, Ardisam will, at their discretion, furnish parts and/or labor to correct any defect caused by faulty material or workmanship. Any unit used in a commercial application is covered for a period of 90 days after purchase.

If warranty work needs to be done, contact your place of purchase or Ardisam, Inc. for an authorized service center in your area. Ardisam will make the necessary repairs if a service center is not available. **To obtain warranty service and/or replacement instructions, you must have prior approval from Ardisam before shipping your package to us by calling our customer service department Monday through Friday at 800-345-6007 from 8 a.m. to 5 p.m. for a return material authorization number (RMA#).** All items must be shipped prepaid. Ardisam, Inc. will at no charge, repair or replace, at their discretion, any defective part which falls under the conditions stated above.

Ardisam retains the right to change models, specifications and price without notice. This product if used as intended, will give you years of trouble free service. We hope you will enjoy the quality of our products for years to come.

For replacement parts, phone 800-345-6007 or go online to www.getearthquake.com.

This warranty applies to the original owner with a proof of purchase and is not transferable. It supersedes all other warranties either expressed or implied and all other obligations to liabilities on our part. Ardisam, Inc. does not assume, and does not authorize any other person to assume for us, any liability in connection with the sale of our products.

The warranty applies only to products which have not been subjected to negligent use, misuse, alteration, accident or repairs made by anyone not certified by Ardisam, Inc. This guarantee is void unless the warranty card is properly filled out and received by Ardisam, Inc., within 30 days of purchase or go to www.getearthquake.com for online registration.

Earthquake, Division of Ardisam, Inc.
1160 Eighth Avenue; P.O. Box 666
Cumberland, Wisconsin 54829
800-345-6007 · Fax (715) 822-4180
E-mail: info@ardisam.com



Earthquake®, Division of Ardisam, Inc.

1160 8th Avenue, P , O Box 666

Cumberland, WI 54829

800-345-6007 | Fax 715-822-2223

E-mail: info@ardisam.com

All weights, specifications and features are approximate and are subject to change without notice. Due to continuous product improvements, product images may not be exact. Items used for props not included. Some assembly may be required.

Check for parts online at www.getearthquake.com or call 800-345-6007 M-F 8-5