OPERATION AND PARTS MANUAL

MULTIQUIP
Diamond Back

SP3 "STREET PRO" PROFESSIONAL SLAB SAW

35 HP WISCONSIN DIESEL ENGINE

MODELS

SP303516, SP303520, SP303526 SP303530

Revision #3 (09/29/06)

To find the latest revision of this publication, visit our website at: www.multiquip.com

THIS MANUAL MUST COMPANY THE EQUIPMENT AT ALL TIMES.

PROPOSITION 65 WARNING

⚠ WARNING ⚠

CALIFORNIA — Proposition 65 Warning

Engine exhaust and some of its constituents, and some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm. Some examples of these chemicals are:

- **Lead from lead-based paints.**
- **Crystalline silica from bricks.**
- **Cement and other masonry products.**
- **Arsenic and chromium from chemically treated lumber.**

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: ALWAYS work in a well ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

SILICOSIS /RESPIRATORY HAZARDS

⚠ WARNING

SILICOSIS WARNING

Grinding/cutting/drilling of masonry, concrete, metal and other materials with silica in their composition may give off dust or mists containing crystalline silica. Silica is a basic component of sand, quartz, brick clay, granite and numerous other minerals and rocks. Repeated and/or substantial inhalation of airborne crystalline silica can cause serious or fatal respiratory diseases, including silicosis. In addition, California and some other authorities have listed respirable crystalline silica as a substance known to cause cancer. When cutting such materials, always follow the respiratory precautions mentioned above.

⚠ WARNING

RESPIRATORY HAZARDS

Grinding/cutting/drilling of masonry, concrete, metal and other materials can generate dust, mists and fumes containing chemicals known to cause serious or fatal injury or illness, such as respiratory disease, cancer, birth defects or other reproductive harm. If you are unfamiliar with the risks associated with the particular process and/or material being cut or the composition of the tool being used, review the material safety data sheet and/or consult your employer, the material manufacturer/supplier, governmental agencies such as OSHA and NIOSH and other sources on hazardous materials. California and some other authorities, for instance, have published lists of substances known to cause cancer, reproductive toxicity, or other harmful effects.

Control dust, mist and fumes at the source where possible. In this regard use good work practices and follow the recommendations of the manufacturers or suppliers, OSHA/NIOSH, and occupational and trade associations. Water should be used for dust suppression when wet cutting is feasible. When the hazards from inhalation of dust, mists and fumes cannot be eliminated, the operator and any bystanders should always wear a respirator approved by NIOSH/MSHA for the materials being used.

Table of Contents

PARTS ORDERING PROCEDURES

www.multiquip.com

Ordering parts has never been easier!

Choose from three easy options:

Best Deal!

Order via Internet (Dealers Only):
Order parts on-line using Multiquip's SmartEquip website!

- View Parts Diagrams
- Order Parts
- Print Specification Information

Go to www. Multiquip .com and click on Order Parts to log on and save!

If you have an MQ Account, to obtain a Username and Password, E-mail us at: **parts@multiquip.com.**

To obtain an MQ Account, contact your District Sales Manager for more information.

Fax your order in and qualify for a **5% Discount** on *Standard orders* for all orders which include complete part numbers.*

Note: Discounts Are Subject To Change

Order via Fax (Dealers Only):
All customers are welcome to order parts via Fax.
Domestic (US) Customers dial:
1-800-6-PARTS-7 (800-672-7877)

Fax your order in and qualify for a **3% Discount** on *Standard orders* for all orders which include complete part numbers.*

Note: Discounts Are Subject To Change

Order via Phone: **Domestic (US) Dealers Call:**
1-800-427-124

Non-Dealer Customers:
Contact your local Multiquip Dealer for parts or call 800-427-1244 for help in locating a dealer near you.

International Customers should contact their local Multiquip Representatives for Parts Ordering I information.

When ordering parts, please supply:

- Dealer Account Number
- Dealer Name and Address
- Shipping Address (if different than billing address)
- Return Fax Number
- Applicable Model Number
- Quantity, Part Number and Description of each Part

- Specify Preferred Method of Shipment:
  - ✓ Fed Ex/UF
  - Priority Or
  - Ground
  - Next Day
  - Second/Third Day
  - ✓ DHL
  - ✓ Truck

NOTE

Unless otherwise indicated by customer, all orders are treated as *Standard Orders* and will ship within 24 hours. We will make every effort to ship *Air Shipments* the same day the order is received, if received prior to 2PM PST. *Stock Orders* must be noted on fax or web order form.

WE ACCEPT ALL MAJOR CREDIT CARDS!

SAFETY

FOR YOUR SAFETY AND THE SAFETY OF OTHERS!

NOTE	This Owner's Manual has been developed to provide instructions for the safe and efficient operation of the Multiquip SP-3035 CONCRETE SAW. For engine maintenance information, please refer to the engine manufacturers' instructions for data relative to its safe operation. Before using this CONCRETE SAW, ensure that the operating individual has read and understands all instructions in this manual.

Safety precautions should be followed at all times when operating this equipment. Failure to read and understand the Safety Messages and Operating Instructions could result in injury to yourself and others.

SAFETY MESSAGE ALERT SYMBOLS

The three (3) Safety Messages shown below will inform you about potential hazards that could injure you or others. The Safety Messages specifically address the level of exposure to the operator, and are preceded by one of three words: DANGER**,** WARNING**, or** CAUTION**.**

 DANGER	**DANGER:** You **WILL** be **KILLED** or SERIOUSLY injured if you **DO NOT** follow directions.
 WARNING	**WARNING:** You **CAN** be **KILLED** or SERIOUSLY injured if you **DO NOT** follow directions.
 CAUTION	**CAUTION:** You **CAN** be injured if you **DO NOT** follow directions.

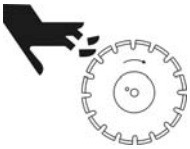
Potential hazards associated with SP-3035 Concrete Saw operation will be referenced with "*Hazard Symbols*" which appear throughout this manual, and will be referenced in conjunction with Safety "*Message Alert Symbols*".

HAZARD SYMBOLS

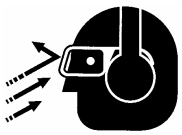
 **Lethal Exhaust Gases**	Engine exhaust gases contain poisonous carbon monoxide. This gas is colorless and odorless, and can cause death if inhaled. **NEVER** operate this equipment in a confined area or enclosed structure that does not provide ample free flow of air.
 **Explosive Fuel**	Gasoline is extremely flammable, and its vapors can cause an explosion if ignited. **DO NOT** start the engine near spilled fuel or combustible fluids. **DO NOT** fill the fuel tank while the engine is running or hot. **DO NOT** overfill the tank, since spilled fuel could ignite if it comes into contact with hot engine parts or sparks from the ignition system. Store fuel in approved containers, in well-ventilated areas and away from sparks and flames. **NEVER** use fuel as a cleaning agent.
 **Burn Hazards**	Engine components can generate extreme heat. To prevent burns, **DO NOT** touch these areas while the engine is running or immediately after operations. NEVER operate the engine with heat shields or heat guards removed.
 **Rotating Parts**	**NEVER** operate equipment with covers, or guards removed. Keep fingers, hands, hair and clothing away from all moving parts to prevent injury.
 **Accidental Starting**	**ALWAYS** place ON/OFF switch to the OFF position, remove key and/or disconnect the spark plug leads before servicing the engine, equipment, or supporting components. Ground the lead to prevent sparks that could ignite a fire.

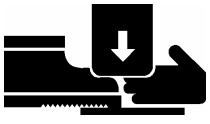
HAZARD SYMBOLS

 **Over Speed**	**NEVER** tamper with factory settings of engine governor or speed settings. Ensure the proper Speed Kits are installed to safely support the prescribed RPM settings for diamond blade operations.
 **Guards and Covers in Place**	**NEVER** operate the saw without blade guards and covers in place. Adhere to safety guidelines ANSI American National Standards Institute, OSHA, and/or other applicable local regulations.

 **Rotating Blade**	Rotating Blade can cut, tear, and crush. Keep hands and feet clear.

 **Respiratory Hazard**	**ALWAYS** wear approved respiratory protection.

 **Sight & Hearing Hazard**	**ALWAYS** wear approved eye and hearing protection.

 **Crush Hazard**	**CRUSH AND PINCH HAZARD** Keep hands and feet clear.

HAZARD SYMBOLS

 **Skin Injection Hazard**	**NEVER** use your hand to find hydraulic leaks. Use a piece of wood or cardboard. Hydraulic fluid injected into the skin must be treated by a knowledgeable physician immediately or severe injury or death can occur.

 **NOTE**	Text set off like this presents clarifying information, specific instructions or commentary designed to help prevent damage to your saw, other property, or the environment.

Other important messages are provided throughout this manual to help prevent damage to your concrete saw, other property, or the surrounding environment.

 **CAUTION**	**Equipment Damage Message** Other important messages are provided throughout this manual to help prevent damage to your concrete saw, other property, or the surrounding environment.

 **NOTE**	This *concrete saw*, other property, or the surrounding environment could be damaged if you do not follow instructions.

General Safety Warnings

Most accidents involving product operation, maintenance and repair are caused by failure to observe basic safety rules and precautions. Accidents can often be avoided by recognizing potentially hazardous situations before an incident occurs.

 WARNING	• Before operating the saw, make sure all protective guards are securely in place. All saws are supplied with a blade guard, collar guard and belt guard. • Whenever necessary, replace operation and safety decals if they become difficult to read • Verify the engine start switch is set to the OFF position before installing a blade. • Make sure the operator knows how to turn the engine OFF in case of an emergency. • Do not go near rotating parts (blades, belts, pulleys or wheels) while engine is running. • Muffler and exhaust gases are extremely hot. Stay clear of muffler and exhaust gases. Allow these parts to cool before servicing the saw. • Stay clear of the saw while it is being hoisted. • Anytime the saw is lifted onto its nose, or tilted fully back, for maintenance access, the high end MUST be blocked up to prevent the possibility of crush injury! • Allow the engine to cool before adding fuel or performing service and maintenance functions. Contact with HOT components can cause serious burns. • Never operate the saw in any enclosed or narrow area where free flow of air is restricted. If the airflow is restricted it will cause serious damage to the saw's engine and may cause injury to people. Remember the saw's engine gives off DEADLY carbon monoxide gas. • ALWAYS refuel in a well-ventilated area; away from sparks and open flame. Avoid "topping off" the filler port as spills can result. • ALWAYS use extreme caution when working with flammable liquids. When refueling, STOP the engine and allow it to cool. • NEVER smoke around or near the machine. Fire or explosion could result from fuel vapors, or if fuel is spilled on a HOT engine. • NEVER operate the saw in an explosive atmosphere where fumes are present or near combustible materials. An explosion or fire could result causing severe bodily harm or even death. • NEVER use fuel as a cleaning agent.

General Safety Warnings

 WARNING	• ALWAYS read, understand, and follow procedures in the Operator's Manual before attempting to operate the equipment. • Be sure the operator is familiar with proper safety precautions and operating techniques before using the saw. • Make sure the operating area is clear before starting the engine. • Maintain this equipment in a safe operating condition at all times • Keep the saw clean. It will work better and last longer • Use proper blades and follow the blade manufacturer's recommendations. Match blade rpm (Spindle rpm) to recommended blade surface feet per minute (SFPM). • Tighten the 5/8" blade-mounting bolt to 100-125 foot-lbs. torque. • Turn engine OFF prior to fueling the saw! • Start engine with the joystick in NEUTRAL to prevent unexpected saw movement. • Do not leave saw unattended while engine is running. • Do not start engine on a sloping surface to prevent unexpected loss of control. • Do not park or leave saw unattended on a slope - the saw can roll when the engine is OFF. Block the unit when leaving. • If the saw must be parked on a slope, turn it across the angle of the slope, to prevent accidental downhill movement. • Prior Always store equipment properly when not being used. Equipment should be stored in a clean, dry location out of the reach of children. When storing the saw in freezing weather, blow out water lines to prevent damage to components in the water delivery system. • Prior to service, level the frame surface. • Do not over tighten the Spindle drive belt • Turn on water flow prior to starting the engine, to prevent damage to the impeller of a belt-driven water pump. • Don't pollute! Waste oils and other chemicals must be disposed of in a manner consistent with local and state environmental protection regulations.

BLADE SAFETY

 WARNING	▪ ALWAYS inspect diamond blades before each use. The blade should exhibit no cracks, dings, or flaws in the steel centered core and/or rim. Center (arbor) hole must be undamaged and true.  ▪ Examine blade flanges for damage, excessive wear and cleanliness before mounting blade. Blade should fit snugly on the shaft and against the inside/outside of the saw. ▪ Only cut the material that is specified by the blade. Read the specifications of the blade to ensure the proper tool has been matched to the material being cut. ▪ ALWAYS keep blade guards in place. Exposure of the blade must not exceed 180 degrees. ▪ Ensure that the blade does not come into contact with the ground or surface during transportation. DO NOT drop the blade on the ground or surface. ▪ The engine governor is designed to permit maximum engine speed in a no-load condition. Speeds that exceed this limit may cause the blade to exceed the maximum safe allowable speed. ▪ Ensure that the blade is mounted for proper operating direction.

SAW TRANSPORTATION SAFETY

WARNING

- Use appropriate lifting equipment to ensure the safe movement of the saw.
- DO NOT use the handle bars and/or front pointer as lifting points.
- NEVER attempt to tow the untrailered saw behind a vehicle.
- NEVER transport the saw with the blade mounted.

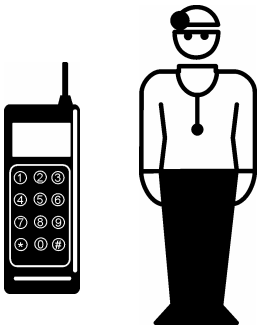
EMERGENCIES

WARNING

- ALWAYS know the location of the nearest ***fire extinguisher***.

- ALWAYS know the location of the nearest ***first aid kit***.

- In emergencies always know the location of the nearest ***phone*** or keep a phone on the job site.



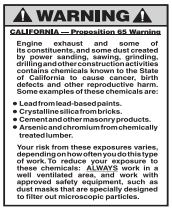
Know the phone numbers of the nearest ***ambulance***, ***doctor***, and ***fire department***. Knowing this information is invaluable in the case of an emergency and could keep a serious situation from becoming a tragic one.

MACHINE OPERATION AND SAFETY DECALS

The Multiquip SP-3035 Saw is equipped with a number of operation and safety decals. Should any of these decals become unreadable, replacements can be obtained from your dealer.

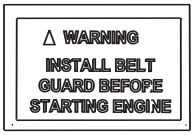
P/N 604000

P/N 35137



P/N 20525

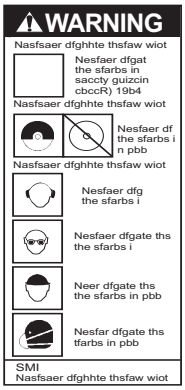
P/N 21571
1-1/2" x 2-1/4"



P/N 604001

P/N 25250-001

P/N 25249-001



P/N 22122-001

P/N 23330-001

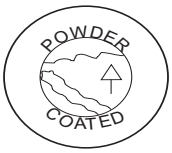
P/N 36099 (ISO Blue)

P/N 25491

P/N 25678

P/N 25483
(small)

P/N 25782



P/N 13118

P/N 606004

DECAL SHEET INTL STDS
P/N 11246

CONTACT MULTIQUIP
SERVICE DEPARTMENT

Fig. 1 — Decals

Serial Tag

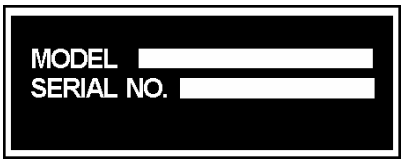


Fig. 2 — Serial Tag

NOTE	For future reference, fill in the model number and serial number of your saw in the space above.

The serial tag contains the model number and serial number of the saw. This information details all parts that were included with the saw when it was shipped from the factory, as well as the date of manufacture.

Record your **ENGINE** model number, spec. number and serial number here:

MODEL NO.	**SPEC. NO.**	**SERIAL NO.**

The serial tag is bonded to the inside panel of the console.

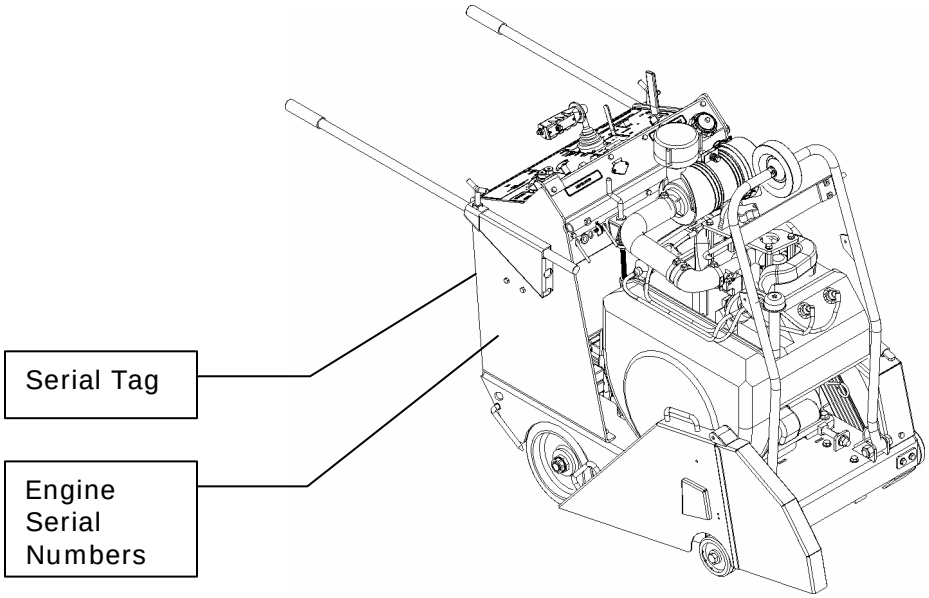


Fig. 3 — Serial Number Locations

OPERATION

Before Starting

		Walk around the saw and ensure that all guards and panels are properly installed.
		Wear eye and hearing protection.
		Wear protective clothing.

1. Check engine and hydraulic oil.
2. Verify the proper-sized blade guard is fully installed on the blade guard mounting tab.
3. Adjust handlebars for best operator control.
4. If a *belt driven water pump* is installed, turn on the water flow *before* starting the engine.

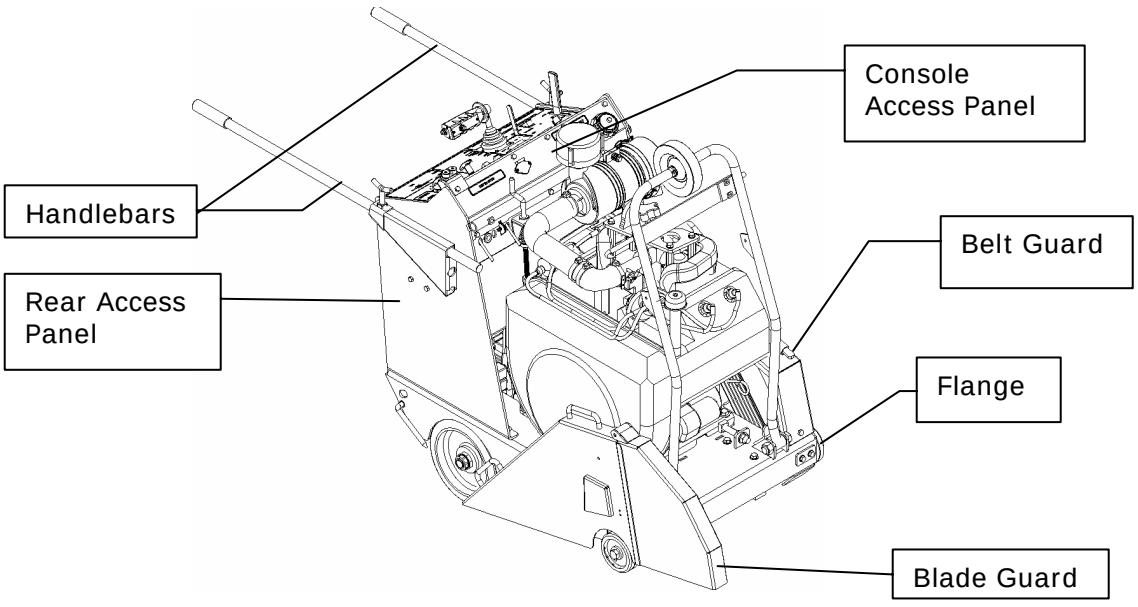


Fig. 4 — Guards & Panels

Control Panel

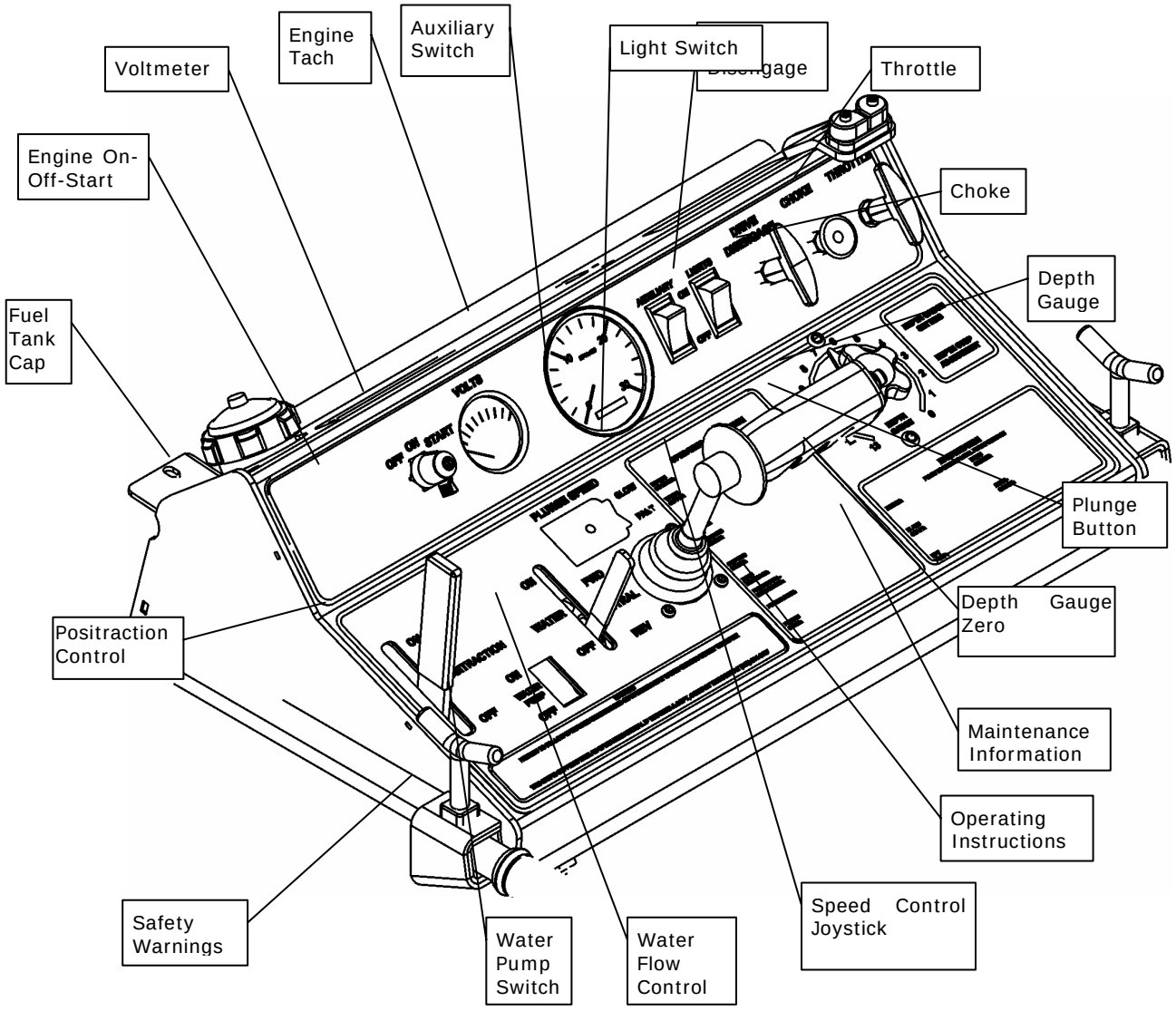


Fig. 5 — The Control Panel

Engine Power, Cutting Power & Sheave Size

 WARNING		**NEVER** tamper with factory settings of engine governor or speed settings. Ensure the proper Speed Kits are installed to safely support the prescribed RPM settings for diamond blade operations**.**

Blade Size & Configuration per Model

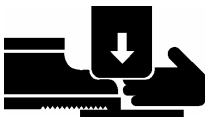
The SP-3035 is available in four Blade Speed configurations. The following chart shows the various configurations for each model.

Blade Size	Model	Engine RPM No Load	Spindle RPM No Load	Governor Setting (Hole Number)	Ratio Kit	Engine Pulley Part Number	Engine Pulley Size	Spindle Pulley Part Number	Spindle Pulley Size	Surface Feet Per Minute
16"	Q303516	3000	3000	12	25603	540000	3.8"	540006	3.8"	12566
20"	Q303520	2520	2800	9	25849	540070	3.6"	540066	4.0"	13195
26"	Q303526	2000	2800	7	35103	540012	3.0"	540065	4.2"	13614
30"	Q303530	1773	2600	5	35104	540012	3.0"	540049	4.4"	13923

When choosing a blade for your cutting conditions, follow the blade manufacturer's recommendations. Match blade RPM (Spindle RPM) to the recommended blade Surface Feet Per Minute (SFPM).

SFPM	12" dia. RPM	14" dia. RPM	16" dia. RPM	18" dia. RPM	20" dia. RPM	24" dia. RPM	26" dia. RPM	30" dia. RPM
8,000	2546	2183	1910	1698	1528	1273	1175	1019
8,500	2706	2319	2029	1804	1623	1353	1249	1082
9,000	2865	2456	2149	1910	1719	1432	1322	1146
9,500	3024	2592	2268	2016	1814	1512	1396	1210
10,000	3183	2728	2387	2122	1910	1592	1469	1273
10,500	3342	2865	2507	2228	2005	1671	1543	1337
11,000	3501	3001	2626	2334	2101	1751	1616	1401
11,500	3661	3138	2745	2440	2196	1830	1690	1464
12,000	3820	3274	2865	2546	2292	1910	1763	1528
12,500	3979	3410	2984	2653	2387	1989	1836	1592
13,000	4138	3548	3104	2759	2483	2069	1910	1655

Installing the Blade, Blade Guard & Blade Flange

WARNING		Remain Clear of all parts of saw while installing blade to prevent crush injury or death.
		Verify the engine start switch is OFF before installing blade.
		Tighten the 5/8" blade-mounting bolt to 100-125 foot-pounds torque.

The blade can be mounted on either side of the saw to accommodate different cutting jobs.

1. Raise the saw so that the blade will clear the ground when installed.
2. Verify that blade flanges are clean and undamaged.
3. Insert the bushing and mounting bolt through the outer flange and blade.
4. Align flange pin through the blade into the inner flange.
5. Tighten the 5/8" mounting bolt to **100-125 foot-pounds** of torque.

NOTE	The blade mounting bolt on the right side of the saw (as viewed from the operator's position) has a left hand-thread, while the blade-mounting bolt on the left side of the saw has a right-hand thread.

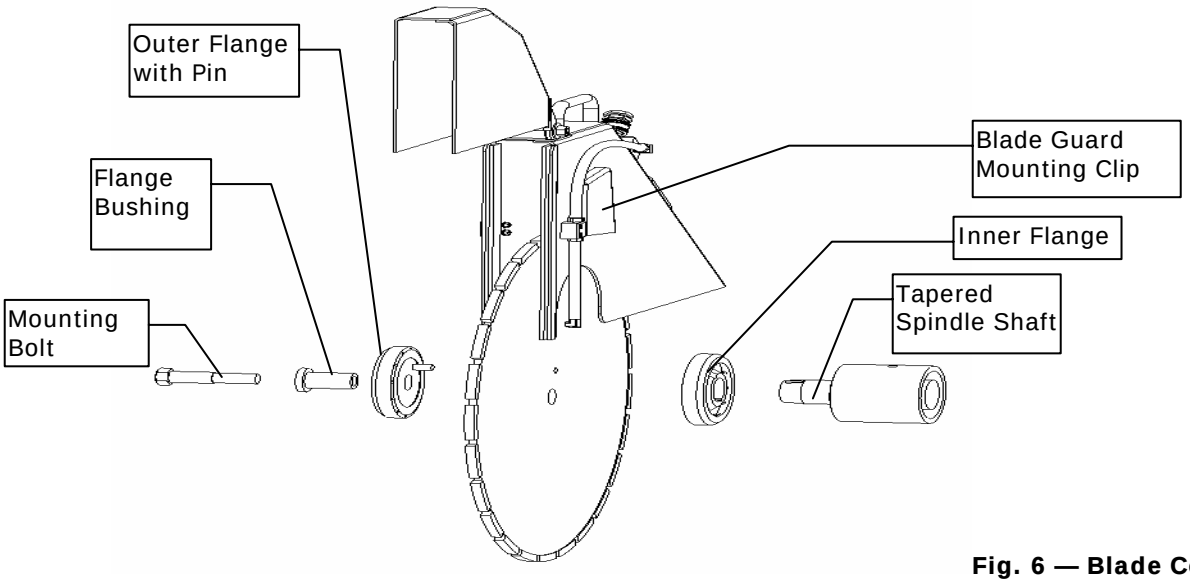
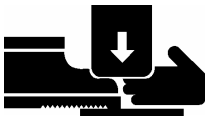


Fig. 6 — Blade Components

Removing the Blade, Blade Guard & Blade Flange

WARNING		Remain Clear of all parts of saw while installing blade to prevent crush injury or death.
		Verify the engine start switch is OFF before installing blade.
		Tighten the 5/8” blade-mounting bolt to 100-125 foot-pounds torque.

1. Raise the saw so that the blade will clear the ground.
2. Remove blade guard. See fig. 7
3. Remove the mounting bolt from the outer flange and bushing.
4. Remove blade, outer flange and bushing simultaneously.
5. Reinstall the flange bushing, outer flange and mounting bolt.
6. Tighten the 5/8” mounting bolt to **75 foot-pounds** of torque.

NOTE	The blade mounting bolt on the right side of the saw (as viewed from the operator’s position) has a left hand-thread, while the blade-mounting bolt on the left side of the saw has a right-hand thread.

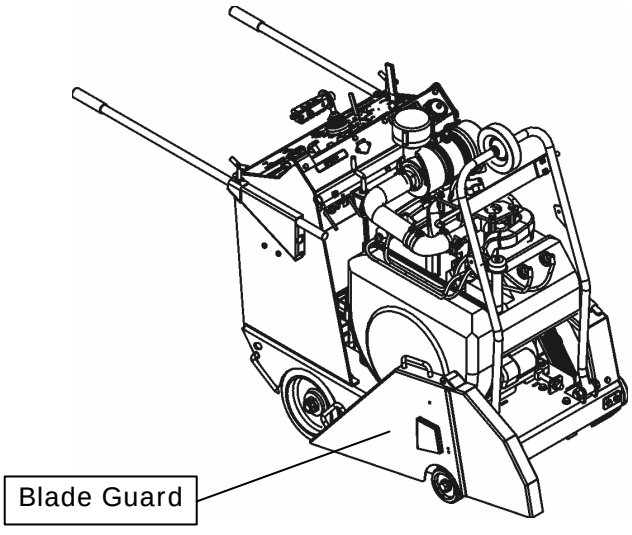
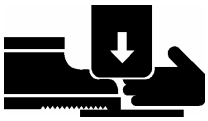


Figure 7. Blade Guard Removal

Stacking Blades for Wide Cuts

WARNING		Remain Clear of all parts of saw while installing blade to prevent crush injury or death.
		Verify the engine start switch is OFF before installing blade.
		Tighten the 5/8” blade-mounting bolt to 100-125 foot-pounds torque.

Combining (stacking) blades to make wide cuts **requires** an optional Bushing Extension Kit.

- Kit #18502 allows blade stacking from .375″ to .75″ thickness.
- Kit #18501 allows blade stacking from .75″ to 1.125″ thickness.

1. Ensure on/off switch is off. See Fig. 5 or Fig. 15
2. Remove the existing blade. See Removing the Blade Fig. 7
3. Replace the standard Flange Bushing, Flange Pin, and Mounting Bolt that came with the saw with the longer Bolt, Pin and Bushing which comes with the Kit.
4. Insert the Bushing and Mounting Bolt through the Outer Flange and Blades. The longer bushing and bolt allow blades to be stacked together.
5. Align the Flange Pin through the stack of Blades into the Inner Flange.
6. Tighten the 5/8″ Mounting Bolt to 100-125 foot-pounds of torque.
7. Install blade guard.

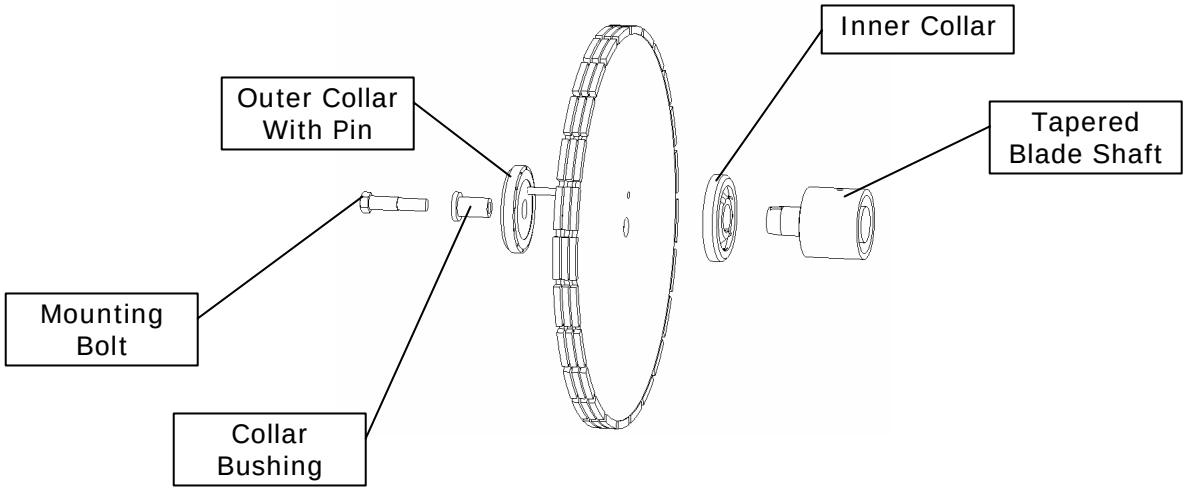
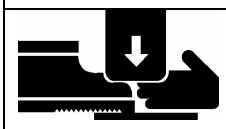


Fig. 8 — Blade Stacking

Installing and Removing the Blade Guard

Blade Guards for the SP-3035 concrete saw can be installed on either side of the saw.

WARNING		Verify the engine start switch is OFF before installing blade.
		Remain clear of all parts of saw while installing blade to prevent crush injury or death.

Installing the Blade Guard

1. Ensure on/off key is off. See Fig. 5 or Fig. 15
2. Slide the Blade Guard Mounting Clip onto the Guard Mounting Tab on the frame.
3. Connect the water delivery hose to the Blade Guard.
4. Ensure that the water tubes are pointed toward the water distribution grooves in the Blade Collars. See Fig. 10
5. Make sure the front-hinged section of the Blade Guard is fully closed before use.

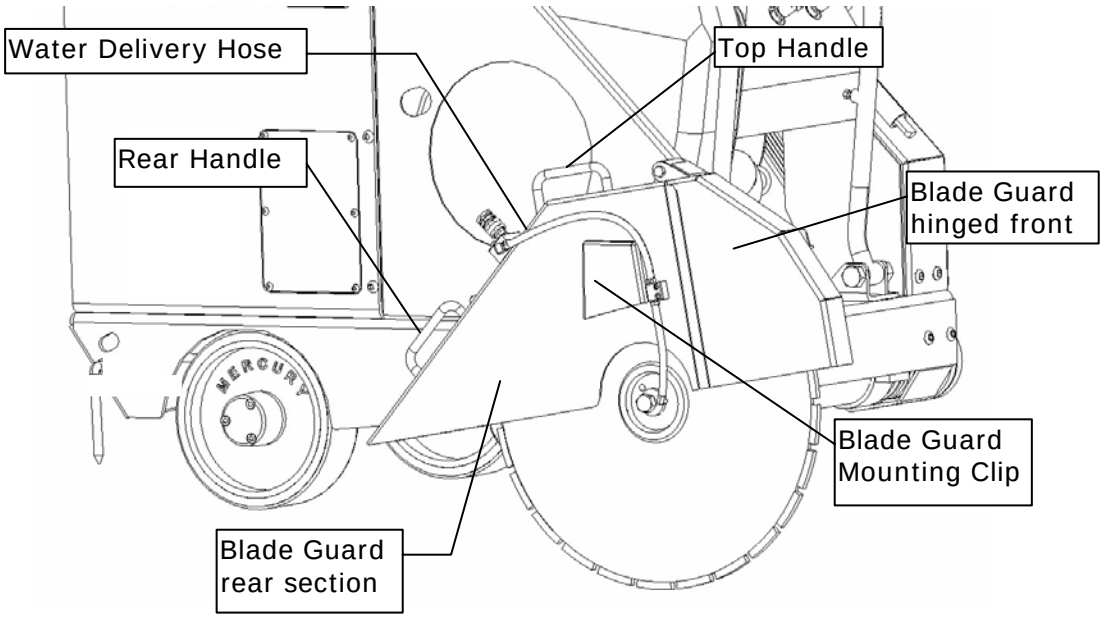


Fig. 9 — The Blade Guard installed

Removing the Blade Guard

During use, the Blade Guard can become tight on the tapered mounting tab. To loosen it, wiggle the Rear Blade Guard Handle up and down, while lifting with the Top Handle.

Blade Guard Water Supply

Verify that the water hose on the saw is connected to the Blade Guard and that the water pipes are pointed into both Blade Collars.

NOTE	Make sure that the outlets of the water tubes point toward the lower portion of the blade collars, aimed at the delivery ports, for proper water delivery to the blade.

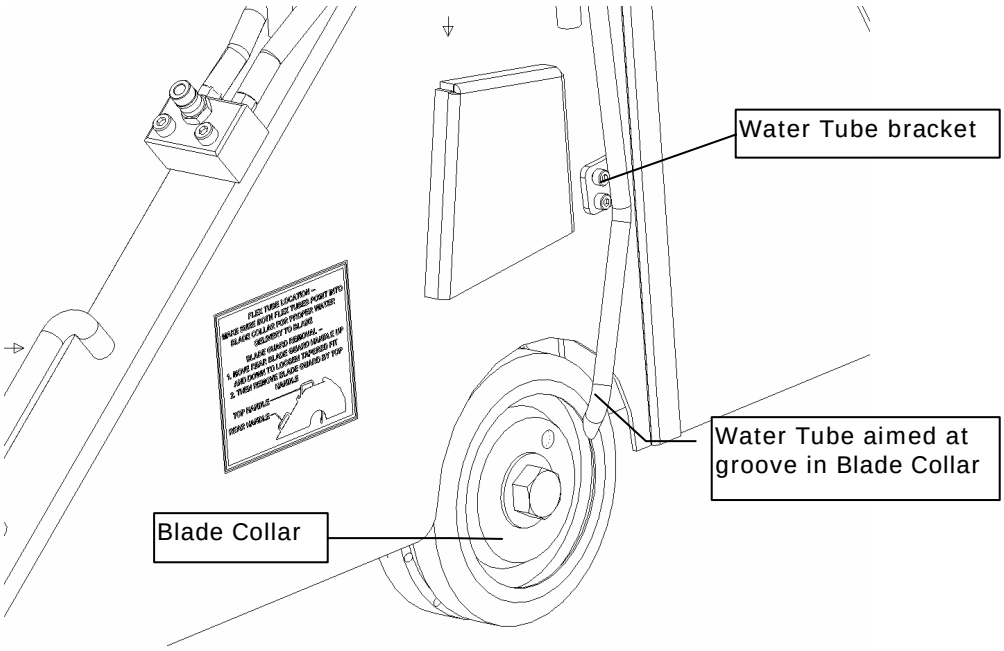


Fig. 10 — Water Tubes and the Blade Collar

Installing the Flange Guard

The Flange Guard provides protection from the Blade Flange not in use.

1. Verify that the unused Blade Flange is secured to the Spindle by tightening the mounting bolt.
2. Slide the Flange Guard onto the Guard Mounting Tab on the frame.

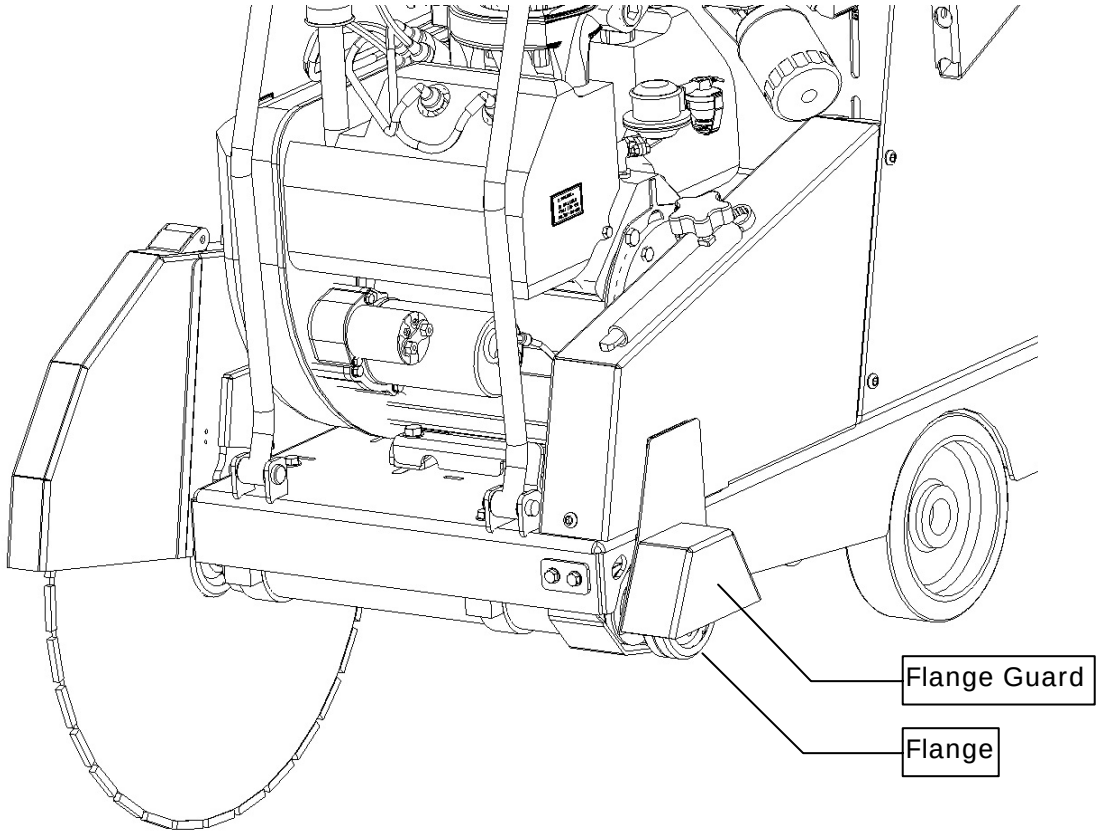


Fig. 11 — The Flange Guard, Installed

Water Supply and Control

WARNING	To prevent damage to the impeller of a *belt driven water pump*, do not run the engine with the water pump switch on, unless the water supply is connected and water is flowing. When storing the saw during freezing weather, blow out the water lines to prevent damage to the water delivery system.

Connect the job water hose to the water inlet fitting on the left side of the saw.
Verify that the water hose on the saw is connected to the Blade Guard and that the water delivery tubes are pointed into both lower Blade Flanges.
The yellow lever on the control panel regulates water flow volume.
If the saw is equipped with an optional water pump, the ON/OFF switch is on the control panel next to the water flow control valve.

NOTE	Because of the water delivery efficiency of the 24-port blade flanges, these saws use less water for blade cooling and flushing than other saws.

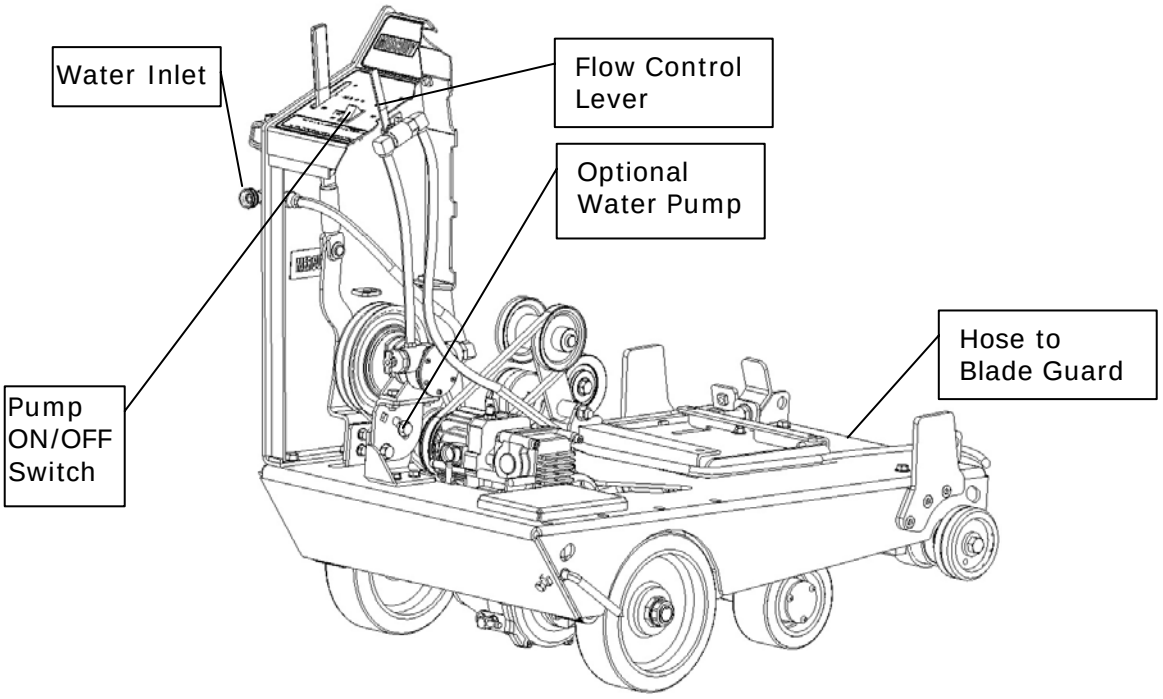


Fig. 12 — The Water Supply System

Handlebars

The handlebars are adjustable to three different angles, for optimum operator control, and can also be slid fully inward for storage. Once handlebars are adjusted, lock them into position by tightening the lock knob on each side.

Using the handlebars in position #2 or #3, when employing larger diameter blades reduces the need to bend over and the effort required by the operator to maneuver the unit.

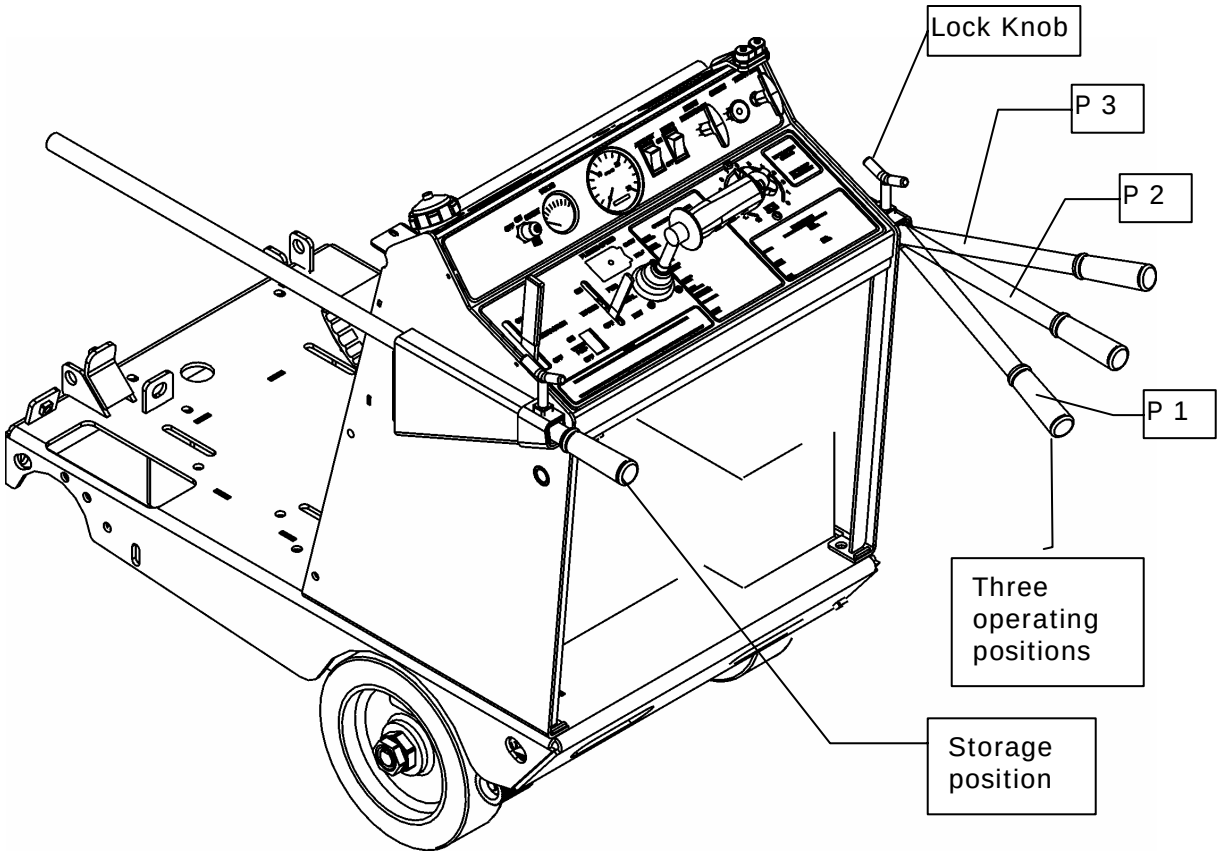


Fig. 13 — Handlebar Positions

NOTE	Using the handlebars in position #2 or #3 when employing larger diameter blades, reduces the need to bend over, and reduces the effort required by the operator to maneuver the saw.

Fueling the Saw

The 3000 Series saws feature a five-gallon clear molded plastic fuel tank with a sight gauge, central drain, and shutoff valve. The gas tank cap is located at the front of the saw.

WARNING		To prevent damage to the impeller of a *belt driven water pump*, do not run the engine with the water pump switch on, unless the water supply is connected and water is flowing. When storing the saw during freezing weather, blow out the water lines to prevent damage to the water delivery system.

CAUTION	**Use 90+ Octane Unleaded Gasoline Only**

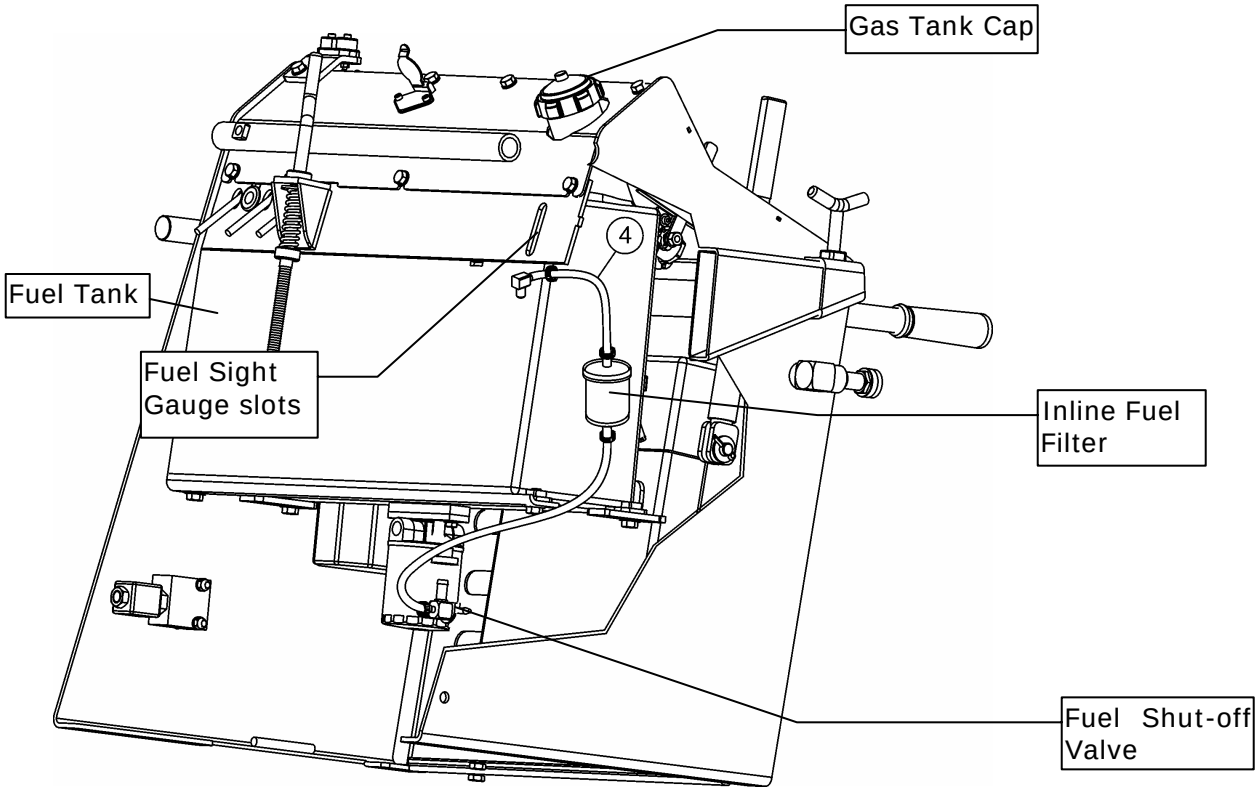


Fig. 14 — Fueling the Saw

Starting and Stopping the Engine

WARNING	Do not leave the saw unattended while the engine is running. Do not start, park, or leave the saw unattended on a slope.

CAUTION	• If the saw has an optional water pump, *do not* run the saw dry with the water pump switch ON — otherwise the pump impellers *will* be damaged. • In normal operation, *do not stop the engine abruptly when hot!* Reduce the throttle to idle and allow the engine to run one or two minutes before turning the ignition switch off.

1. Check Oil levels in engine and hydraulic system
2. If water pump option is installed, start water supply to blade.
3. Move the speed control joystick to **NEUTRAL** position.
4. Set the throttle to ½ open
5. Turn on/off switch to **"START"** position and at the same time pull out choke cable only sufficient to start the engine. Release choke cable after engine starts. Re-choke if engine tends to stall. When engine starts, release switch to **"RUN"** position. Allow engine to warm up before applying load.
6. Ensure that water lines are attached and water is flowing to the saw.
7. Set the throttle to the recommended engine RPM to match the recommended blade speed of the attached blade.
8. Lower the blade to the cut depth.
9. Move the joystick **FORWARD** to advance the cut.
10. **When finished cutting, allow the engine to cool down by running at 1000 to 1200 RPM for 3 to 5 minutes depending on how hot the engine has been.** This will reduce the chance of engine damage or vapor lock.

WARNING	Make sure the operator knows how to turn the engine off in case of an emergency. Do not go near rotating parts (blade, belts, pulleys, or wheels) while the saw is running.

To stop the engine, turn the "ON-OFF" switch to the "OFF" position.

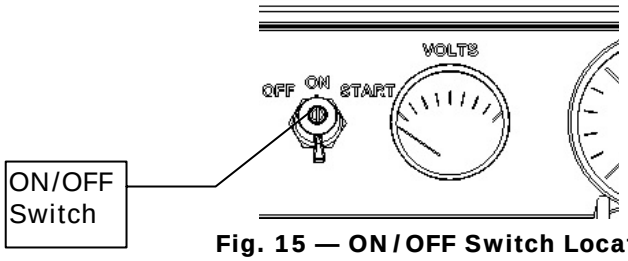


Fig. 15 — ON/OFF Switch Location

Pointer Adjustment

1. Lower the front pointer assembly: Release the rope from the cam cleat, and rotate the pointer forward into position.

2. Adjust the pointer rod by loosening the lock knob: Once the pointer rod is set to the cut line, tighten the lock knob.

3. Adjust the rear pointer to the cut line: Loosen the lock bolt, position the pointer rod, and tighten the lock bolt.

4. To raise the front pointer assembly, pull back and up on the pointer cable.

5. Secure the pointer assembly in the desired raised position by locking the cable between the jaws of the cam cleat.

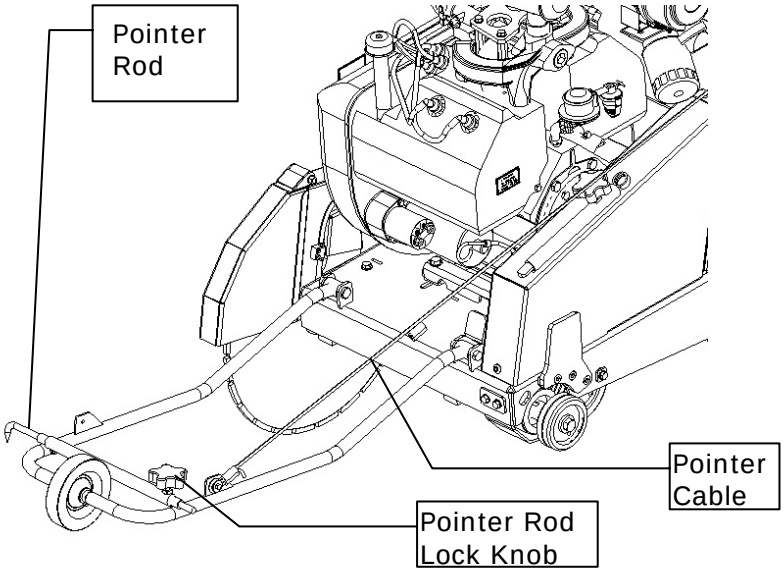


Fig. 16 — Pointer Adjustment

Raise – Lower Controls

This saw uses a 12-volt hydraulic pump and cylinder to raise and lower the blade. Controls are located on the speed control joystick handle.

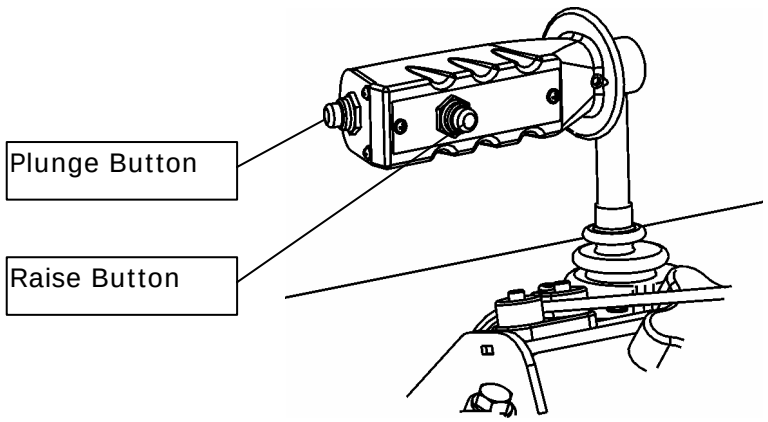


Fig. 17 — Joystick Handle

1. To plunge the blade, depress the button on the outer end of the handle.
2. To raise the blade, depress the button on the forward side of the handle.

See the Maintenance section of this manual for a diagram of the Raise-Lower System components.

Setting the Depth Gauge & Depth Stop

The 3000 Series saws use a cable-controlled Depth Gauge and mechanical Depth Stop to lock the blade at the desired cut depth. See Fig. 18.

Setting the Depth Gauge

1. Lower the blade until it just touches the cutting surface.
2. Turn the Depth Gauge dial to zero.

The Depth Gauge will show the depth of cut. It should not be necessary to readjust the Depth Indicator until a different diameter of blade is installed.

Setting the Depth Stop

1. Lower the blade into the cut until the desired cutting depth is achieved.
2. Turn the Depth Stop Crank clockwise to take slack out of the Depth Stop.

To increase cutting depth, turn the Depth Stop Crank counter-clockwise. To reduce cutting depth, turn the Depth Stop Crank clockwise.

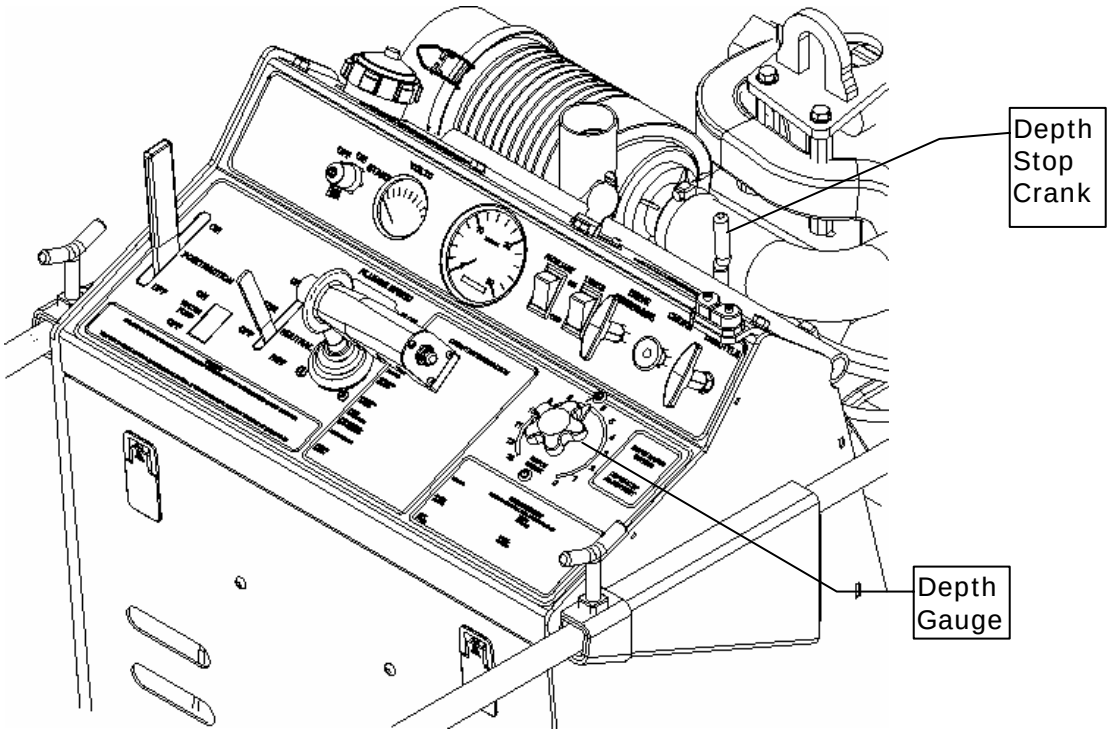


Fig. 18 — Setting the Depth Gauge and Depth Stop

Drive System

The 3000 Series saws have a cable-controlled Hydro-Gear hydrostatic powered transaxle with fully adjustable F-N-R (Forward-Neutral-Reverse) speed adjustment via a joystick control handle. The system utilizes a remote oil filter. There are no chains, sprockets or gearboxes requiring daily service.

The 3000 Series saws can travel at speeds up to 250 feet per minute.

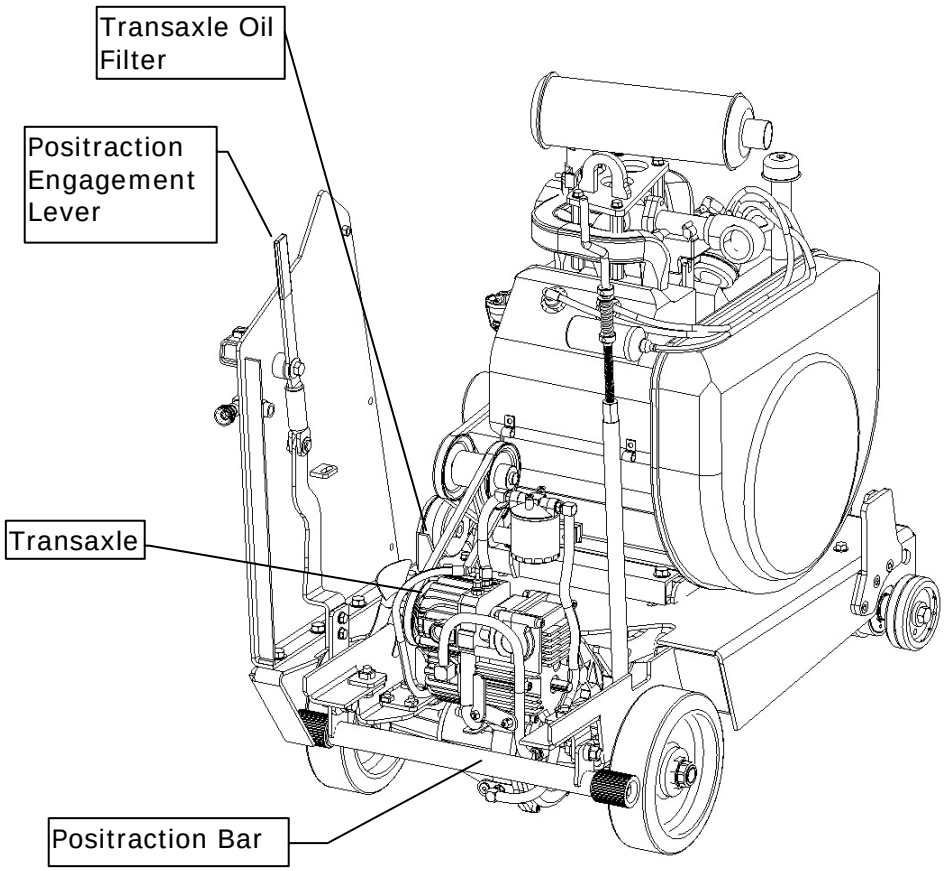


Fig. 19 — The Drive System

Drive System Controls

The control handle controls FORWARD-NEUTRAL-REVERSE (F-N-R) speeds and the raising and lowering of the saw. To increase forward speed, slowly move the joystick FORWARD. Pulling the joystick backward decreases saw speed, and when the joystick passes NEUTRAL the saw moves into REVERSE. Reverse speed is also controlled by the position of the joystick.

Although not a true "free wheeling" mode, the Drive Disengage handle, when pulled, allows the saw to be freely moved when the engine is not running.
DO NOT DISENGAGE WHILE ENGINE IS RUNNING.

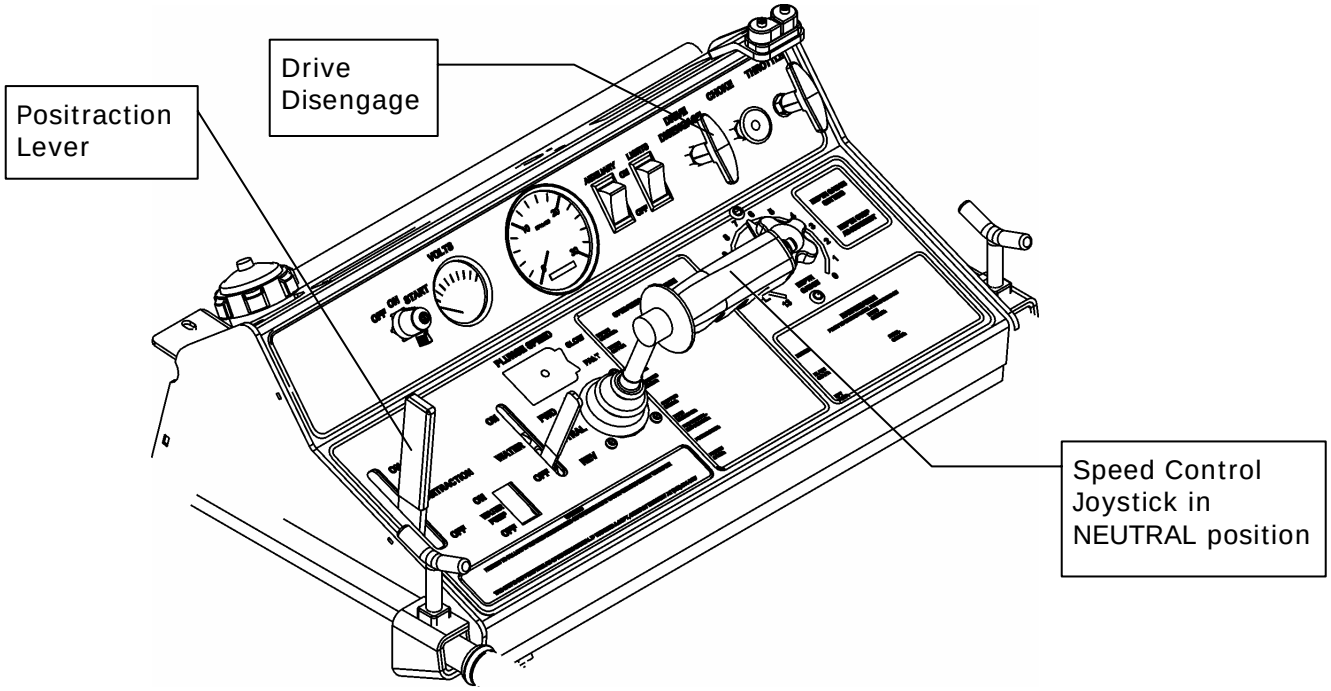


Fig. 20 — Drive System Controls

WARNING	Start the engine with the Forward-Neutral-Reverse Control in NEUTRAL to prevent unexpected saw movement.

Positraction

Positraction, when ON, locks both drive wheels together for straight-line movement. It is recommended for all cutting and is especially helpful on uneven surfaces, and when loading and unloading the saw.

1. Move the Positraction lever to "ON" (positraction engaged) to lock both drive wheels.
2. To unlock the drive wheels for easy maneuverability and turning, move the Positraction lever to OFF.

NOTE	See the Maintenance Section for instructions on aligning the wheels to correct pulling to the right or left.

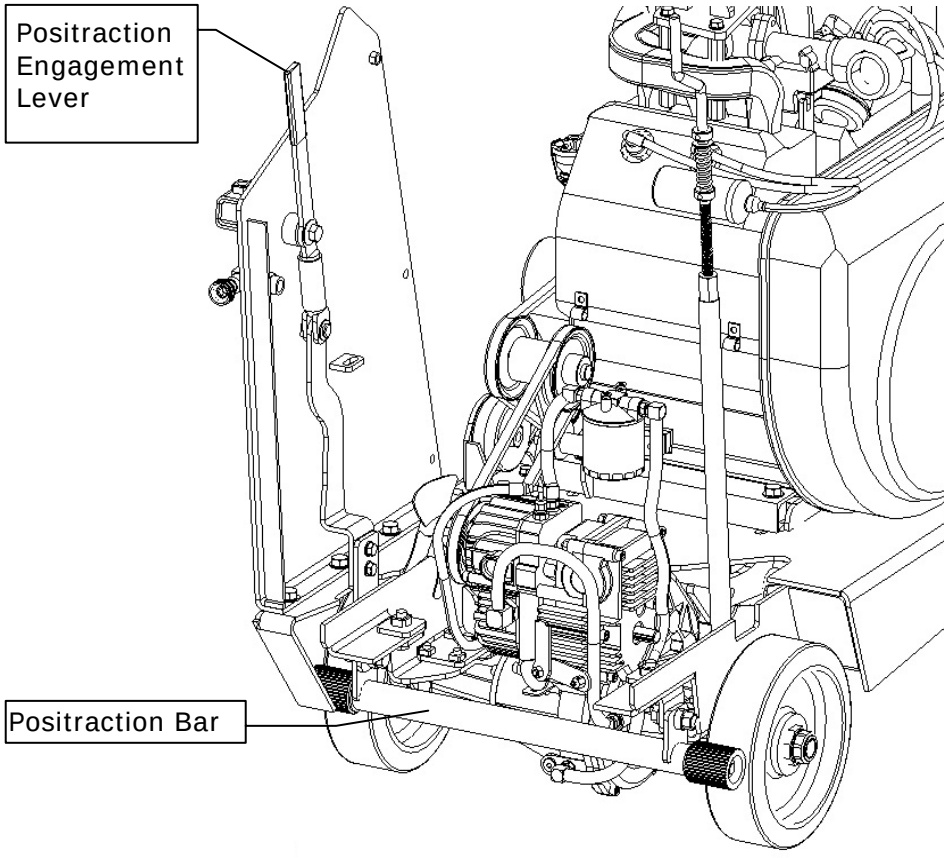


Fig. 21 — The Positraction System

Transaxle

The hydrostatic-powered transaxle has no chains, sprockets or gearboxes to service. There is a simple cable control for forward-reverse motion, and a single drive belt from the engine to power the transaxle.

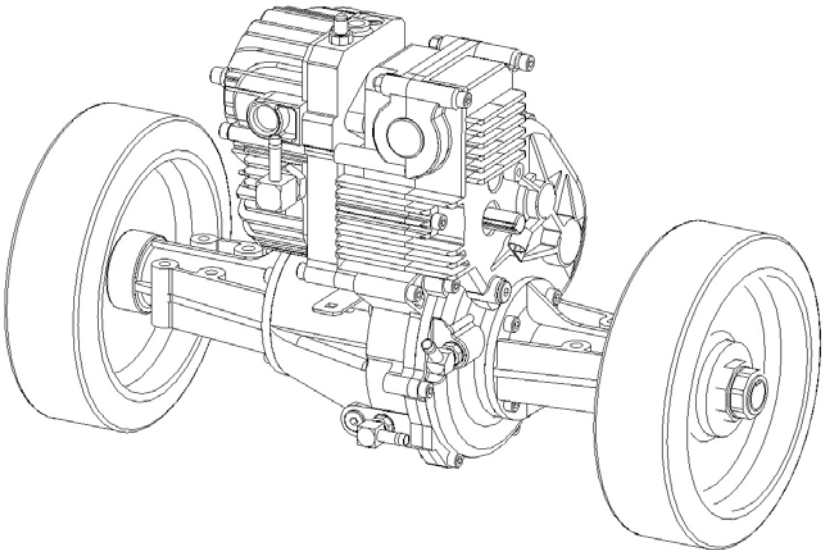


Fig. 22 —Transaxle

Night Light

The optional night light can be used on either side of the saw, and can be extended and rotated for best illumination of the cutting area. Once the light is aimed, lock it in position by tightening the lock knob. The light can be removed for storage by loosening the lock knob, disconnecting the light cord plug and sliding the light bar out of the saw.

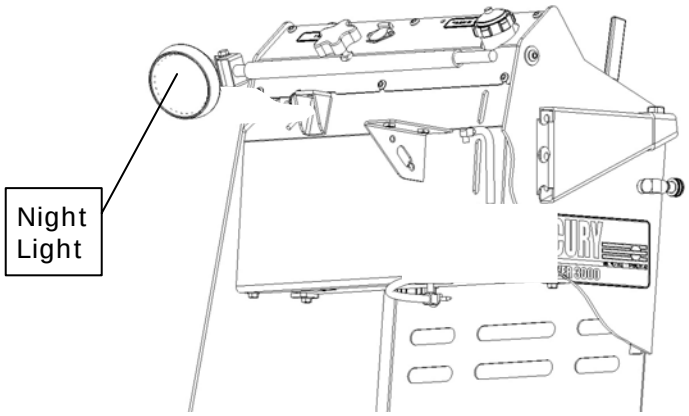


Fig. 23 — Night Light

Transportation Tie-downs and Lift Point

Tie-downs

The saw is provided with holes at each corner of the lower frame for easy tie-down during transportation. *The saw **MUST** be tied down whenever it is being transported.*

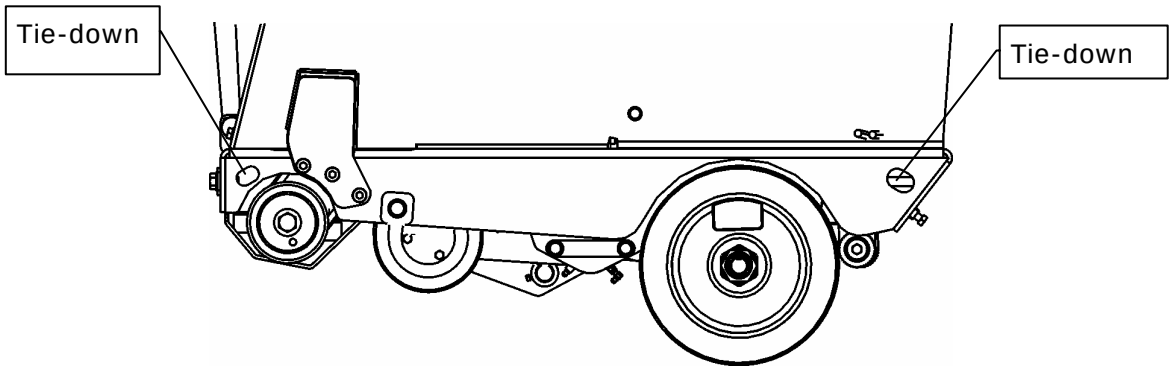


Fig. 24 — Tie-down Points

Lift Point

The convenient single point for raising the saw with a hoist is located on top of the engine.

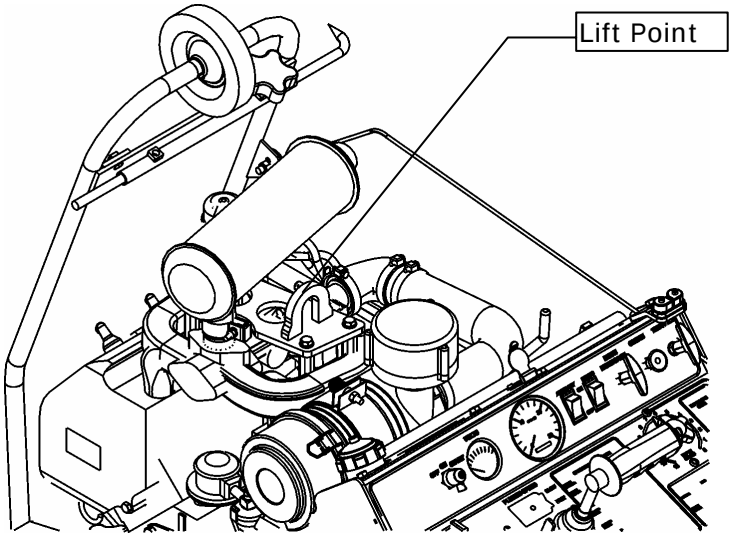
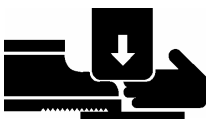


Fig. 25 — Lift Point

WARNING		To avoid possible injury, stay clear of the saw while it is being hoisted. To avoid possible damage to the saw, use approved rigging when hoisting the saw.

Operation on a Slope or Incline

Never operate, cut, or face the saw down a slope or incline. The weight of the saw will shift to the front wheels allowing the rear wheels to skid or come completely off the ground. This allows the saw to free wheel and possibly cause a runaway condition.
Always remove the blade when transporting or moving the saw outside of the cutting area. Use the following procedures for loading and unloading the saw.

Using Inclined Ramps to Load and Unload the Saw

Loading UP a Ramp

1. Make sure ramps are of sufficient strength and width to adequately support and load saw. Ensure the slope of the ramp is gentle enough to load the saw.
2. Remove blade from Spindle if installed.
3. Ensure saw is warmed up to decrease the chance of the engine stalling.
4. Run the engine between ¾ and full throttle.
5. Raise front of saw only enough to get started up ramp. As the rear wheels approach the ramp, start lowering the front end of the saw. Raise and lower the front end as necessary to keep the blade flanges off trailer deck.
6. Turn engine off, lower saw fully.
7. Tie the saw down securely for transit.

Unloading DOWN a Ramp

Unload the saw by backing it down the ramp. Never use a ramp with too great a slope as to create an unsafe loading condition. Use the techniques stated in the steps above to clear the ramp while keeping the front of the saw as close to the ramp as possible while backing it down. Never unload with the saw front facing downward on a ramp.

Freeing a Stuck Blade

The only acceptable method for freeing a stuck blade is to remove the saw from the stuck or pinched blade. DO NOT try to get the blade unstuck using the Raise/Lower system or by lifting the saw by the lifting bale, etc.

- Ensure ignition switch is turned off
- Remove blade guard
- Remove blade mounting bolt and outer flange
- Maneuver saw away from blade
- Make a parallel cut next to blade to free blade.

If an attempt is made to start the saw with the blade pinched, the starter will suffer damage. If an attempt is made to use the lift pump to raise the saw to free the blade, the lift motor and front axle could be damaged. If an attempt is made to lift the saw and blade out of the cut utilizing equipment such as a loader or back hoe, the saw frame and axle are likely to be damaged.

 CAUTION	If the Water System is not drained when the saw is not in use and temperatures fall below 32˚F, damage may occur to optional water pumps and/or oil coolers.

Draining the Water System

When low temperatures fall below 32˚F:

1. If the saw is equipped with an optional Water Pump, open the drain petcock on the pump and allow the pump to drain.
2. With the engine running, turn the water pump switch on for a few seconds to purge water remaining inside the pump body.
3. Tilt the saw up and back, to allow water to drain.
4. Tilt the saw forward, to allow water to drain again.

If an air compressor is available, blow out the system by applying compressed air to the Water Inlet

MAINTENANCE

This saw has many service-saving features, such as fully enclosed oil bath lubricated Spindle bearings, which require no daily lubrication.

NOTE	Level the saw frame surface prior to service in order to get accurate oil level readings.

Removable Guards and Access Panels

For ease of service access, the following guards and panels are removable:

- Blade guard
- Rear access panel
- Belt guard
- Flange Guard
- Console Access Panel

Replace guards and panels prior to starting the engine.

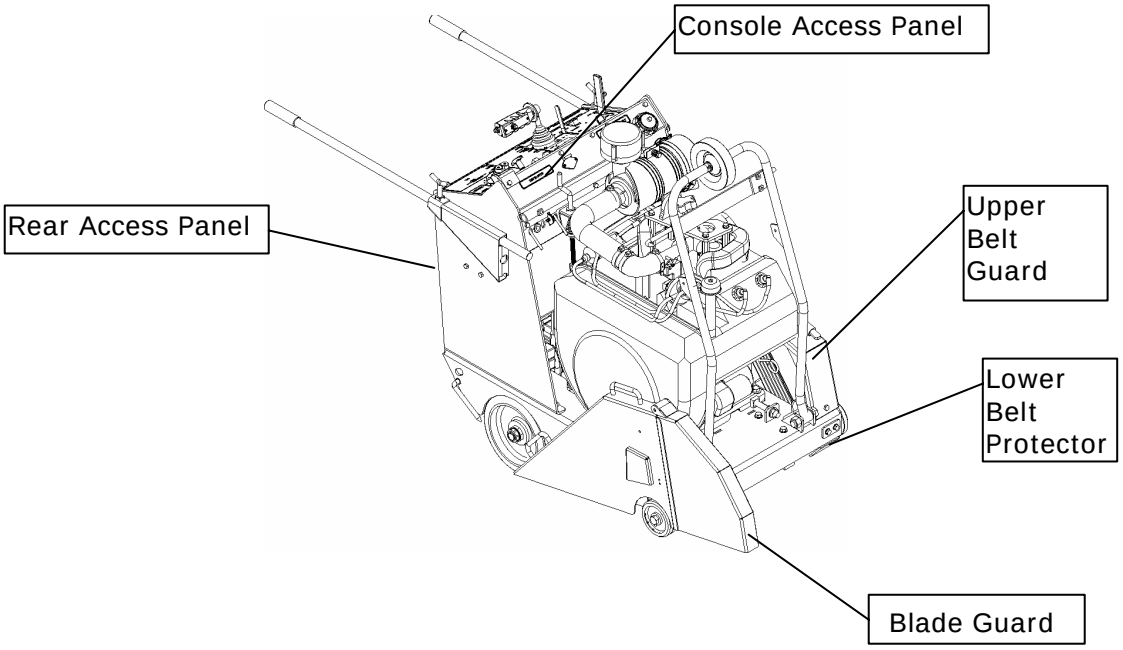


Fig. 26 — Guards and Panels

Belts and Pulleys

Belt	Qty	Part Number
Spindle Drive Belt (POWERBAND)	1	520006
Transaxle Drive Belt	1	521005
Engine to Jack shaft Drive Belt	1	521005

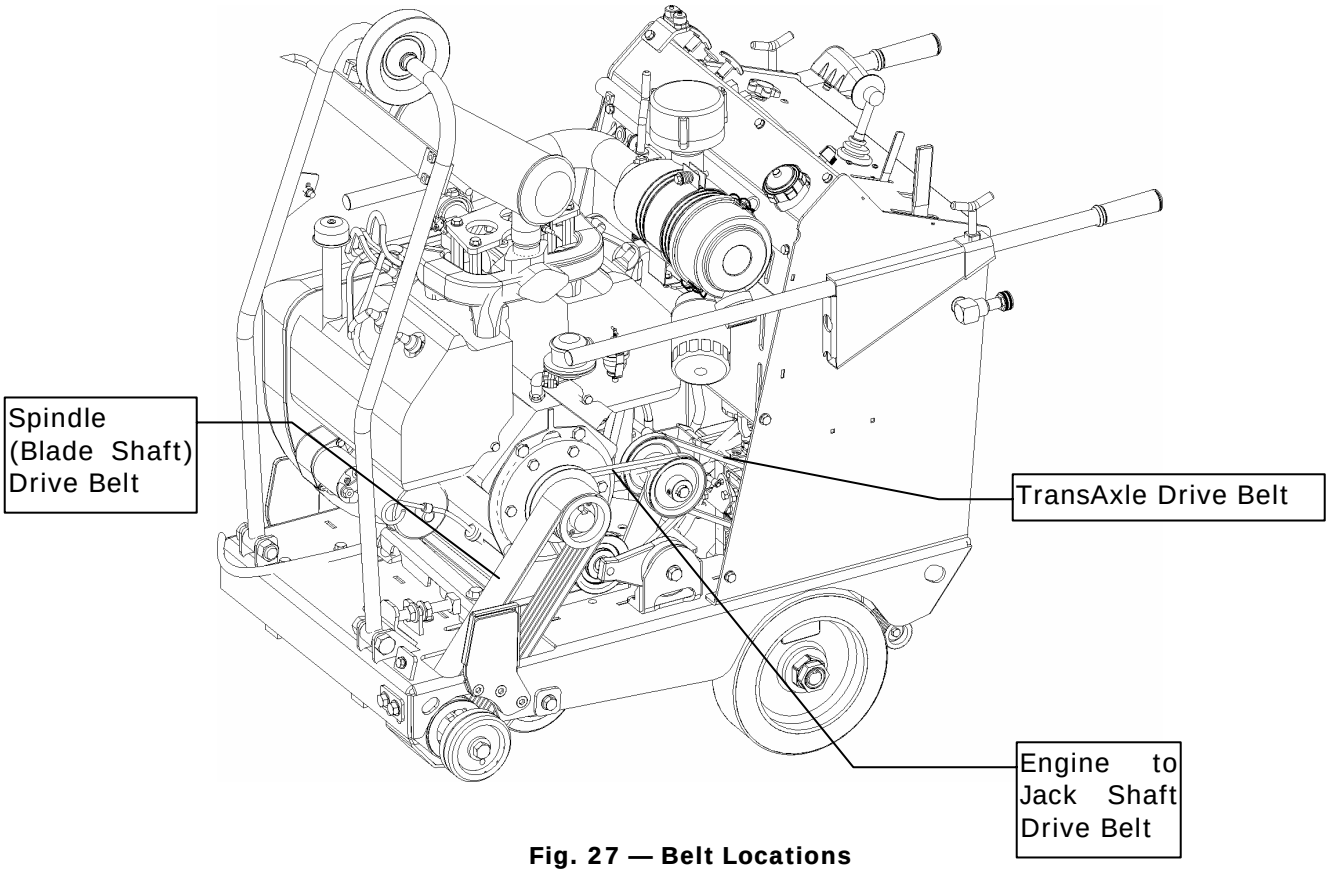


Fig. 27 — Belt Locations

V-Belt Tension

The ideal V-Belt tension is the lowest tension at which the belt will not slip under peak load conditions. Check V-Belt tension frequently during the first 24-48 hours of run-in operation.

CAUTION	▪ Over-tensioning shortens belt and bearing life. ▪ Keep belts clean of foreign material that may cause slippage. ▪ Make V-Belt inspection a periodic procedure. ▪ Never dress belts, as this causes premature failure.

Spindle (Blade Shaft) Drive Belt Tension Adjustment

NOTE	When loosening drive belts, lower the saw to reduce stress on the tensioning system, and use gravity to pull the engine forward slightly. When tightening belts, raise the saw, and gravity will aid the process also.

WARNING		**NEVER** attempt to check or adjust the V-belt tension with the engine running. Severe injury can occur. Keep fingers, hands, hair, and clothing away from all moving parts.

1. Remove the Upper Belt Guard (see Fig. 26).
2. Loosen the front Engine Mount lock bolts (A, A) only, to allow the engine to slide. DO NOT loosen the rear bolts (B, B).
3. With the front bolts loose, the rear Engine Mount bolts (B, B) should have a ¼" space, as shown:

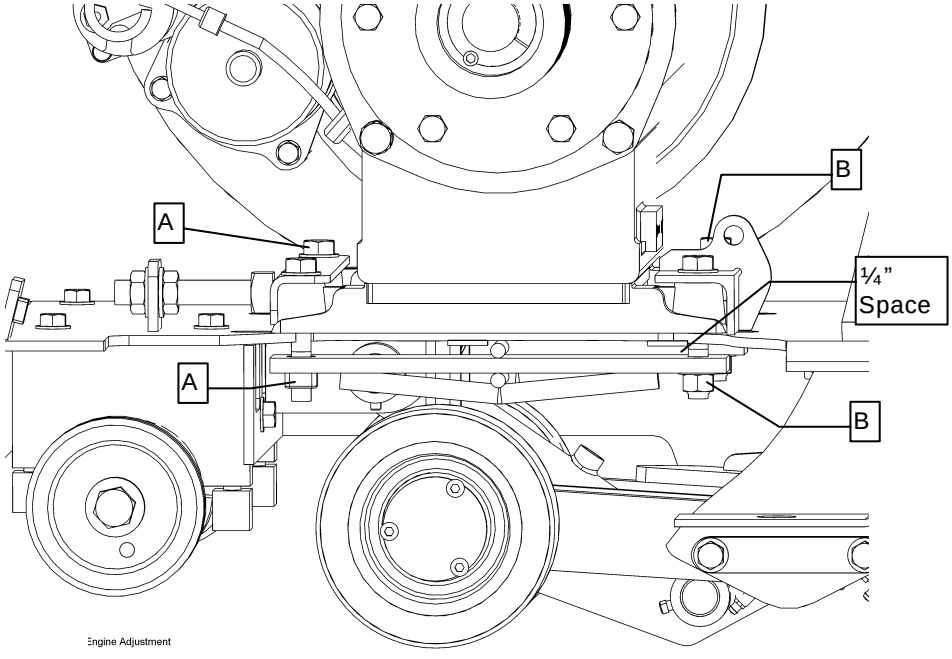


Fig. 28 — Detail of Engine Mount Lock Bolts

4. Loosen the Outer Jam Nut on the Single Point Belt Tension Bolt. Turn the Inner Jam Nut counter-clockwise.
5. Adjust drive belt to desired tension. Do Not over tighten.
6. Tighten Engine Mount Lock Bolts.
7. Tighten the Jam Nuts to prevent the Single-Point Bolt from turning.

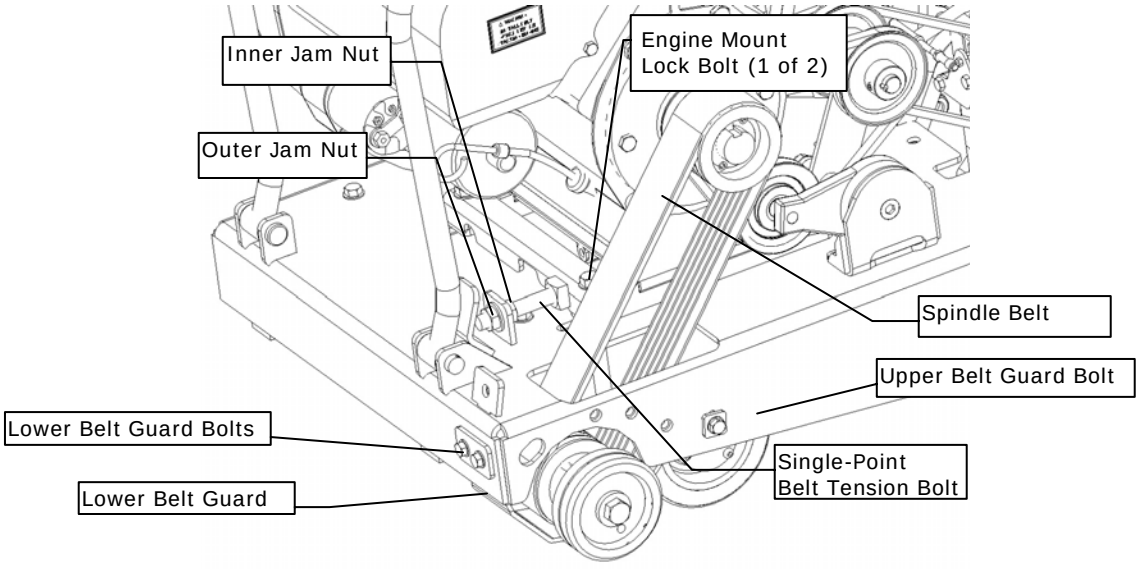


Fig. 29 — Spindle Drive Belt Adjustment & Replacement

Replacing the Spindle Drive Belt

1. Remove the Upper and Lower Belt Guards. See Figs. 26 & 29.
2. Loosen the Engine Mount Lock Bolts.
3. Loosen the Single-Point Belt-Tensioning Bolt to allow the belt to slip off the engine sheave.
4. Slide the belt off of the engine sheave and pull the belt down around the Spindle sheave.
5. Slide the belt off the top of the Spindle sheave.
6. Reverse steps 1-5 to install a new belt.

Replacing the Jack Shaft Belt

WARNING		**NEVER** attempt to check or adjust the V-belt tension with the engine running. Severe injury can occur. Keep fingers, hands, hair, and clothing away from all moving parts.

1. Remove the Belt Guards (see Figs. 26 & 29).
2. Loosen the Rotary Tensioner.
3. Remove the Spindle Belt (see above).
4. Remove and replace the Jack Shaft Belt.
5. Replace the Spindle Belt (see above).
6. Adjust the Rotary Tensioner.

Rotary Belt Tensioner

The Rotary Belt Tensioner system uses a 3/4″-headed bolt and either a 15/16″ or 1″ nut to set belt tension. Adjust Tension Nut to apply tension to the belt. Ridges on the Tensioner Arm gauge the amount of tension applied.

1. Loosen the Tensioner Lock Bolt Head.
2. Adjust the Tensioner Nut for proper belt tension. (This will be achieved at approximately 1-1/2 ridges on the gauge.)
3. Tighten the Tensioner Lock Bolt Head.

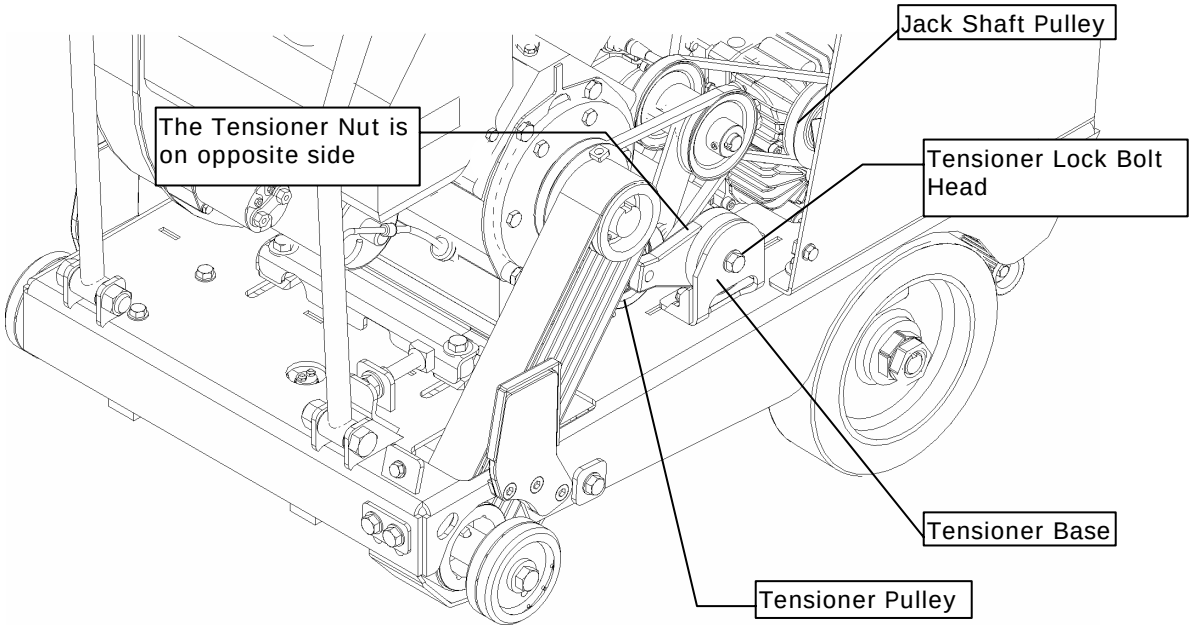


Fig. 30 — Jack Shaft Belt and Rotary Belt Tensioner System

Blade Flange Removal/Installation

Correct removal or installation of the Inner Blade Flange or Flange requires a Flange Puller (option Part Number 18503) as shown below.

WARNING	Follow instructions closely to prevent injury from flying Blade Flanges! Because of tapered fit between Blade Flange and Spindle, 5-10 tons of force is needed to release the inner flange. Parts and tools can become dangerous projectiles if instructions are not followed properly.

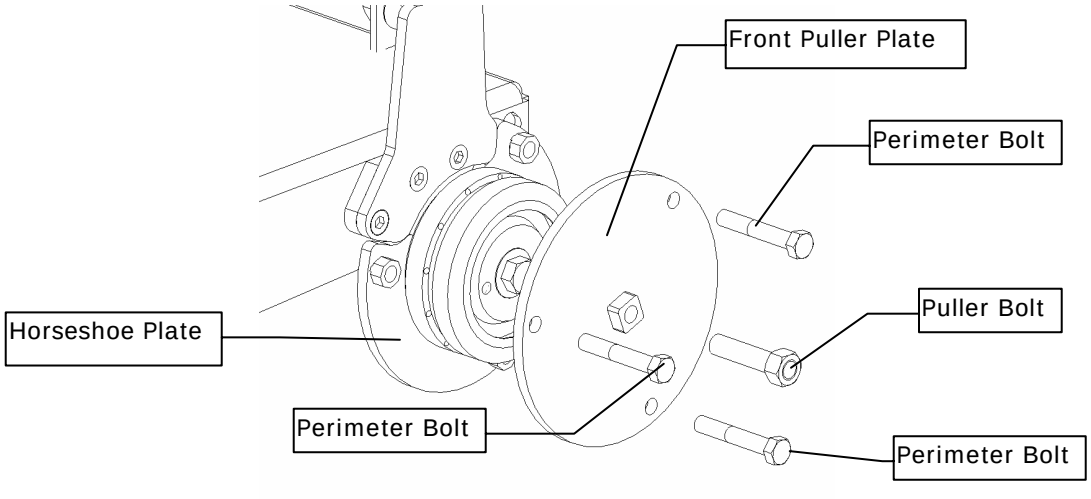
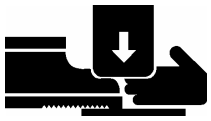


Fig. 31 — Using the Flange Puller

Removing the Inner Blade Flange

With the Outer Blade Flange in place, and the Blade Mounting Bolt loosened approximately ¼":

1. With the three perimeter bolts holding the two Puller Plates together, slide the Horseshoe Plate of the Flange Puller behind the (Shaft) side of the Inner Flange as shown above.
2. Tighten the center Puller bolt to remove the Inner Flange from Spindle.

DANGER		Ensure the Outer Flange is in place to prevent the Puller and Inner Flange from flying off when the taper breaks loose, and causing injury**!**

NOTE	If the Inner Flange does not readily come free from the tapered Spindle, lightly tap on the central Puller bolt. This should cause the flange to break free from the shaft.

Installing the Inner Blade Flange

1. Ensure that the tapered portion of the Spindle, and the Inner Spindle are perfectly clean and free of burrs or indentations. Clean and repair as necessary.
2. Ensure that the Drive Key is in place.
3. Slide the Inner Flange onto the tapered portion of the Spindle.

NOTE	*Do Not* use any lubricant! Lubricant prevents the tapered surfaces of the Flange and Shaft from mating properly.

4. Install the Outer Blade Flange, Flange Bushing, and Mounting Bolt.
5. Tighten with a ½" impact wrench to seat the tapered surfaces of the Inner Flange and Spindle.

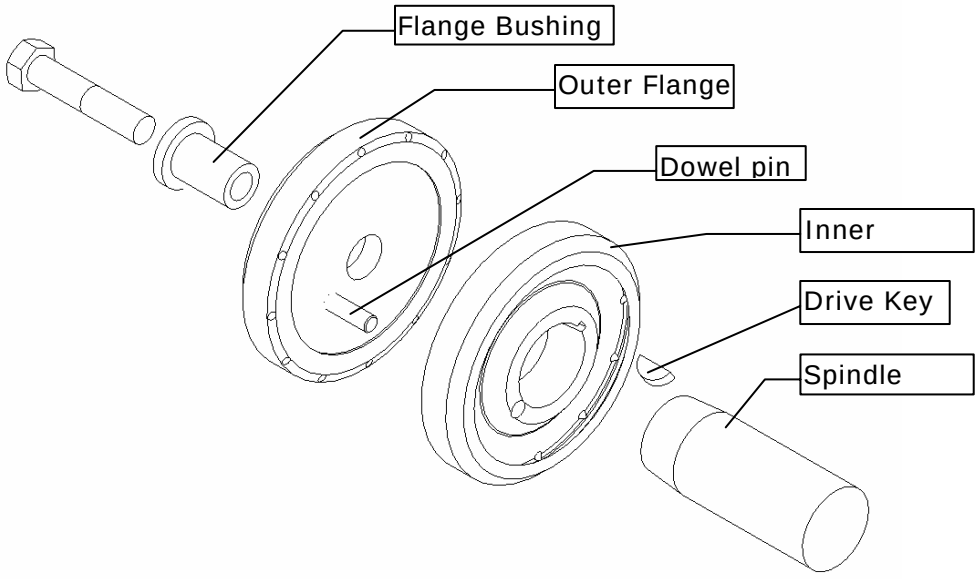


Fig. 32 — Installing the Inner Spindle

6. Loosen the Mounting Bolt and remove the Outer Flange and Bushing.
7. Inspect the Inner Flange to ensure the proper seating of the tapered fit.

The Inner Flange should be seated between .030″ and 0.0″ (flush) to the end of the Spindle.

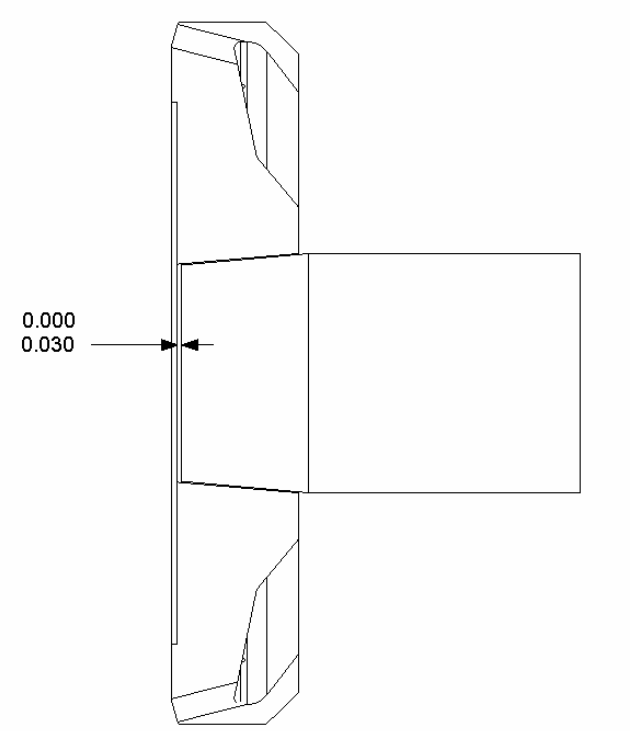


Fig. 33 — Proper seating of the Inner Flange and Spindle

8. Test to ensure that the Inner Flange does not wobble when rotated. Use a dial indicator on the face of the Flange. *Maximum* tolerance is .003″ run-out on the face of the Flange.

NOTE	For Spindle Maintenance/hydraulic oil change see page 58.

Spindle Replacement

NOTE	To assure correct Spindle/Wheel alignment it is recommended that this operation be performed by a Multiquip Authorized Service Center. **DO NOT** unbolt the Spindle Mounting Blocks, as they have been factory installed for correct Spindle/wheel alignment.

1. Remove the Spindle Drive Belts (see Replacing the Spindle Belt, above).
2. Tighten the Engine Mount Lock Bolts to prevent engine movement during step #3.

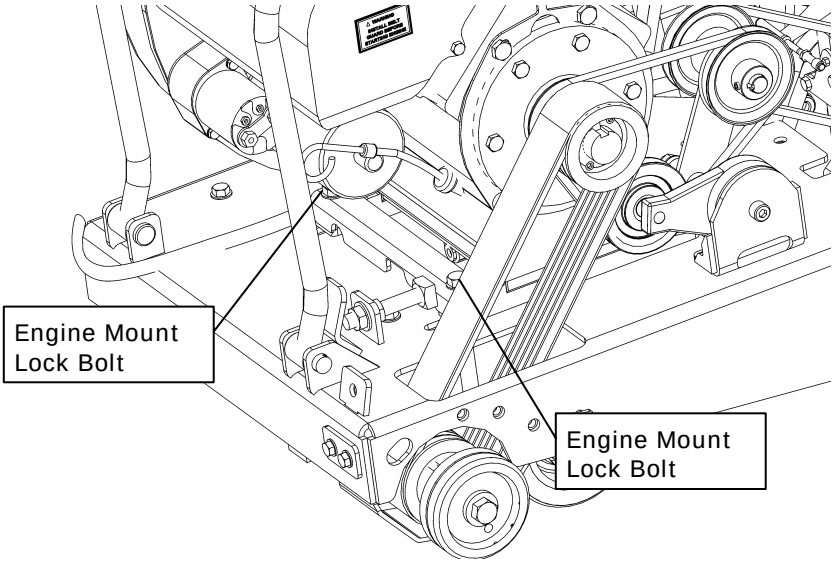
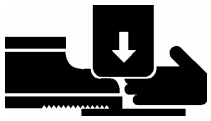


Fig. 34 — Engine Mount Lock Bolts

DANGER		To prevent the possibility of crush injury, always ensure that the saw is *securely* supported whenever it is lifted for maintenance.

3. Block the wheels then lift the saw to the full up position, and block up the front axle to prevent accidental crush injury.
4. Disconnect the two hoses attached to the Spindle, and plug hoses and Spindle ports to prevent drips and dirt contamination.
5. Support the Spindle to prevent tipping or shifting of weight.
6. Unbolt the Spindle Saddle Clamps using a 3/8" Allen wrench.

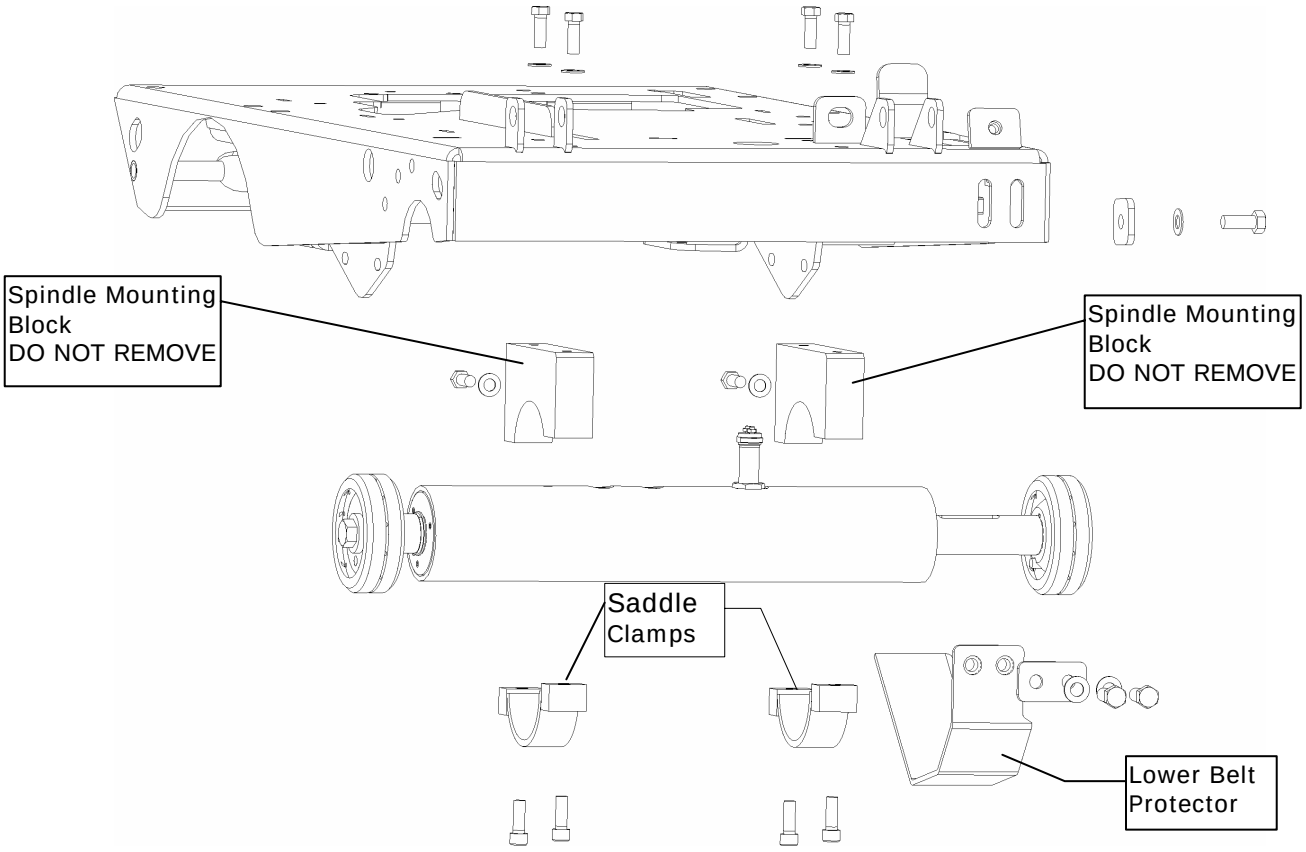


Fig. 35 — Spindle Replacement

7. Remove the Spindle.
    - DO NOT unbolt the Spindle Mounting Blocks, as they have been factory-installed for correct Spindle/wheel alignment.
8. Fill the new Spindle with approved hydraulic oil and cap.
9. Perform Steps 1-5 in reverse order.

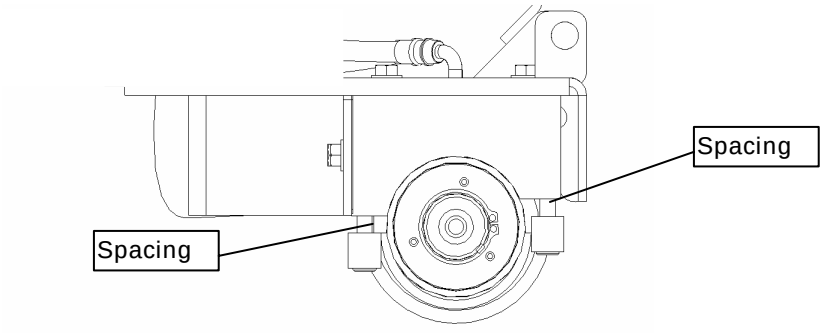


Fig. 36 — Maintain equal spacing when tightening Saddle Clamps

- Tighten Saddle Clamp bolts equally, maintaining even spacing as you reattach the Saddle Clamps. Torque bolts to 35 ft. lbs. Do Not over-torque. Apply medium strength thread lock, Blue Loctite 242 or equivalent.

Circuit Breakers

Three thermal circuit breakers are located behind the Control Panel access cover.

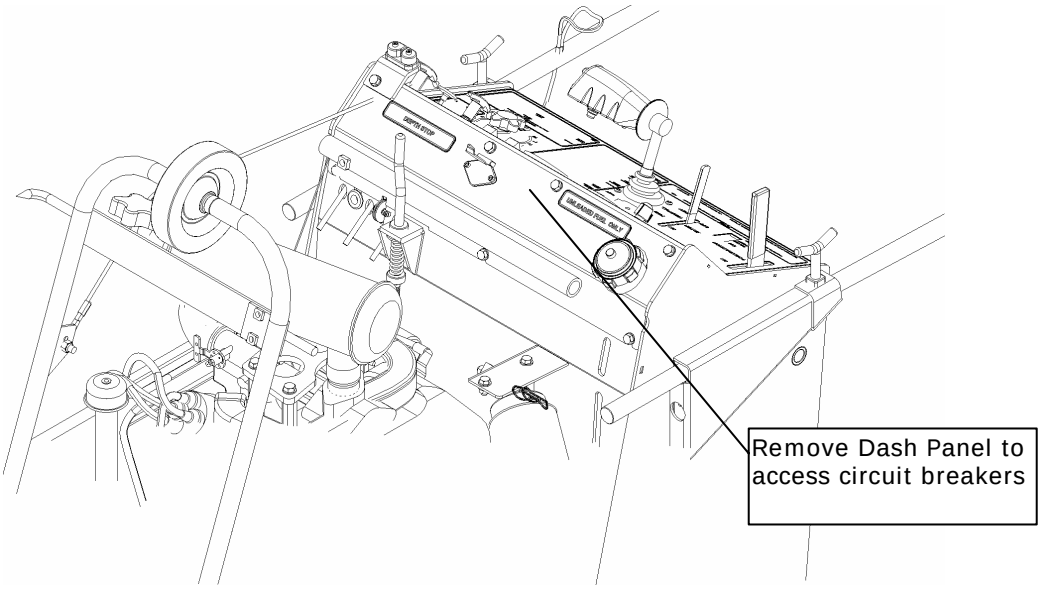


Fig. 37 — Circuit Breaker location

Under normal circumstance circuit breakers do not require service; they are automatically re-set once an overload condition has been corrected. If one or more breakers are cycling on/off, locate the cause of the electrical overload and repair as required.

Also see the Electrical Schematic on page 61.

Maximum Cut Depth Adjustment

The 3000 Series saws come factory-adjusted for maximum usable cut depth. However, should you desire to adjust the maximum depth:

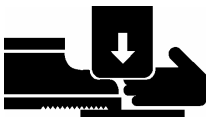
1. Park the blade-less saw on a flat and level surface.
2. Fully lower the saw onto the Stop Bolts (see Fig. 38).
3. Measure the distance from the Blade Flanges to the surface.
4. Adjust the Stop Bolts in or out until the Blade Flanges have 1/8″ to 3/16″ ground clearance.
5. Ensure that both bolts are adjusted to the same setting so that the load is evenly distributed.

Lubrication

This saw has six grease fittings. Locations are shown in Figure 38 on the front axle assembly, and one, (not shown) on the Jackshaft assembly.

- Front axle pivot bearings (2)
- Hydraulic lift cylinder end (1)
- Depth cylinder pivot bracket (2)
- Jackshaft pivot (1)

These fittings are easily accessed by raising the saw half way up, and then lifting the rear of the saw until the blade flanges rest on the ground.

WARNING		To prevent the possibility of crush injury, ensure that the saw is *securely* placed on suitable supports before servicing the lubrication points.

DANGER	Grease each fitting every 25 hours of operation using premium grade waterproof E. P. (extreme pressure) grease.

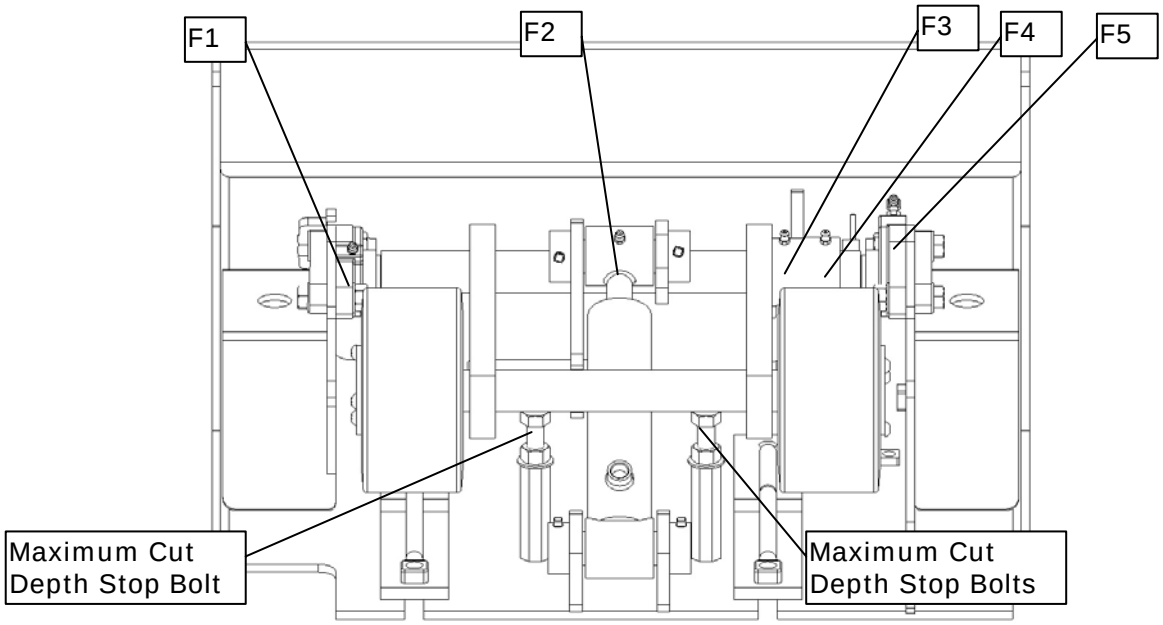


Fig. 38 — Grease Fittings and Maximum Cut Depth Stops

Engine Maintenance

The Model SP-3035 uses a 35 HP Wisconsin engine. See the engine manual for service details.

- Check air filters daily. Do not clean. Replace as needed. See Caution below.
- Check engine oil level daily.
- Level the saw frame prior to service to get accurate readings.
- Change the engine oil and filter every 50 hours of operation.

Filters

Filter	Qty	Part Number & Cross Reference
Primary Air Filter	1	300000-1
Safety Air Filter	1	300000-2
Engine Oil Filter	1	306004
Hydraulic System Filter	1	306006
Inline Fuel Filter	1	304000

DANGER	Safety Air Filters are **NOT** intended to be used for primary air filtration. When the Primary Filter becomes clogged, replace it immediately – **DO NOT run saw using just the Safety filter. DO NOT attempt to clean dirty air filters by any means.**

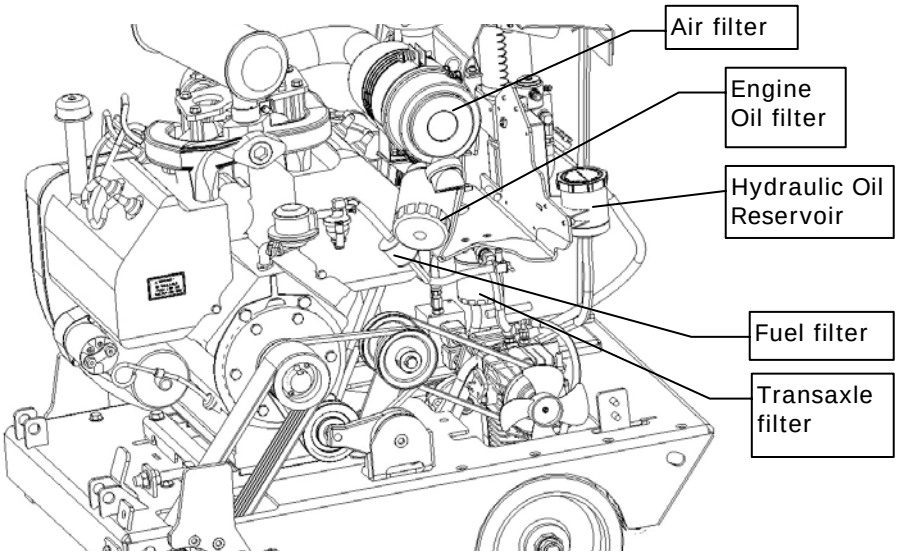


Fig. 39 — Filters

Raise-Lower System

This saw uses a 12-volt hydraulic pump and cylinder to power the raise-lower system.

- Level the frame prior to service to get accurate readings.
- Check oil level daily.
- Fill the reservoir half full when cold.
- Use 5W-30 premium grade *engine* oil.

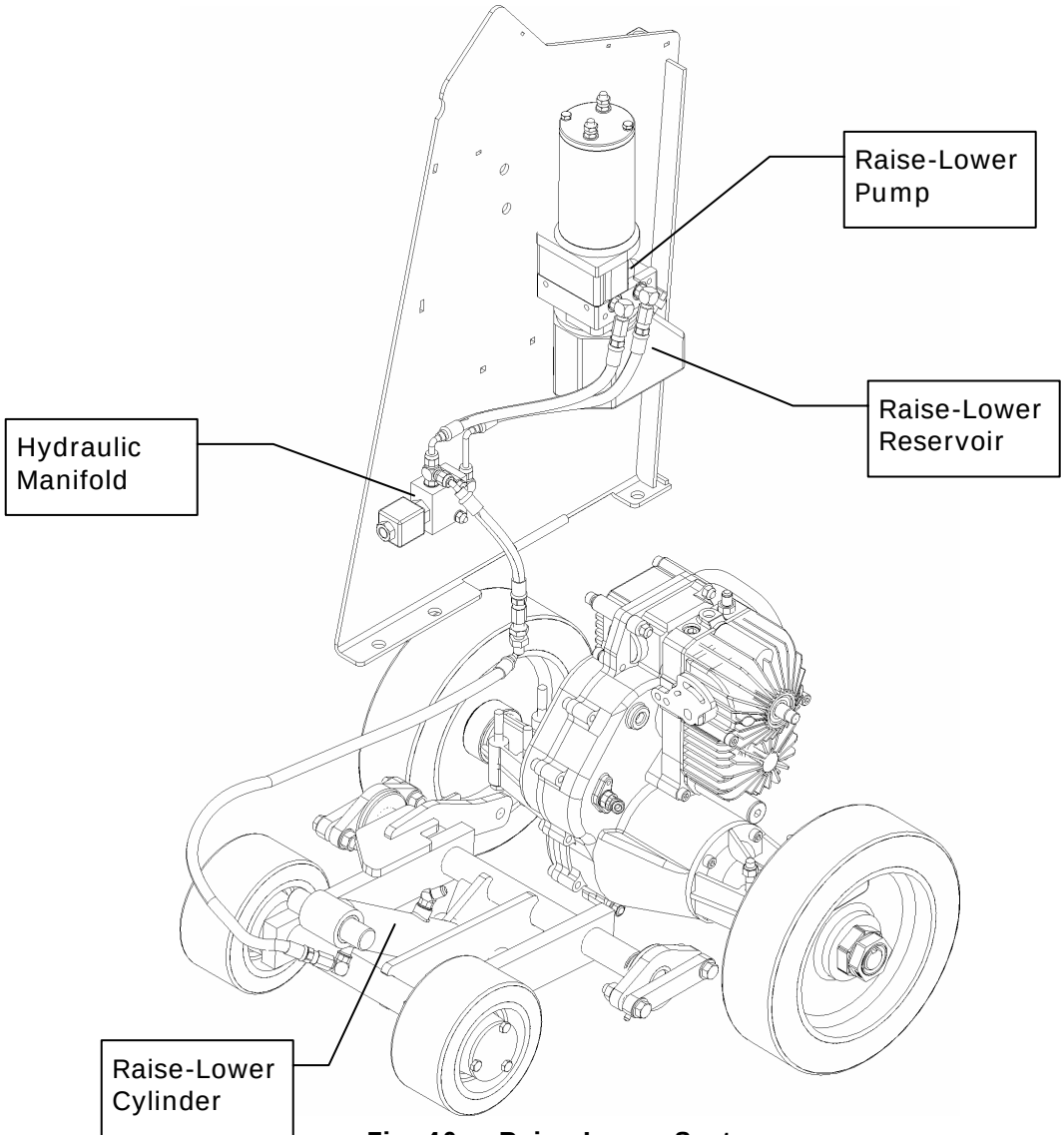


Fig. 40 — Raise-Lower System

Control Handle Adjustment

The Control Handle is adjustable to provide the preferred "feel".

1. Using a ¼" Allen wrench and 9/16" wrench, loosen both pivot bolts until they can be turned by hand. Pivot #1 requires only a 9/16" wrench, as the Allen nut side is welded in place.
2. Tighten pivot #1 until the handle is close to the desired "feel".
3. Tighten pivot #2 until it just starts to increase the force required to move the handle.

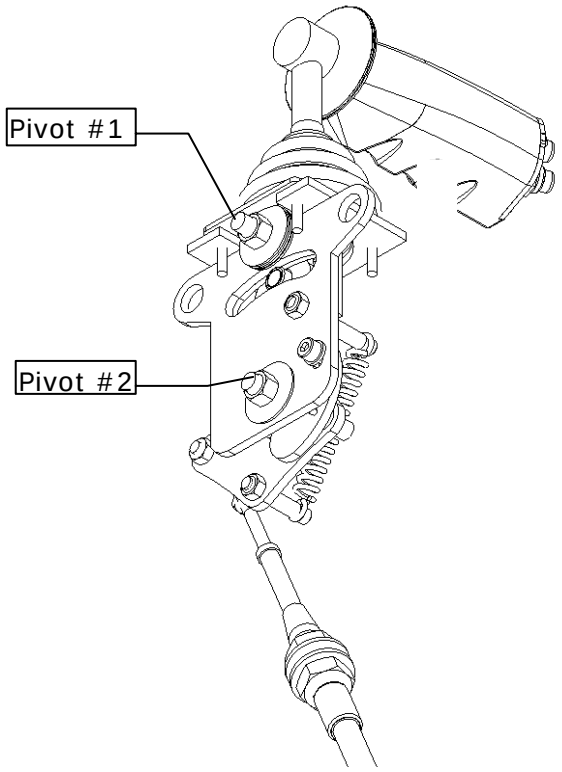


Fig. 41 — Control Handle Adjustment

Hydraulic System

The hydraulic system consists of:

Spindle Assembly (1)
Transaxle Assembly (9)
Lift Cylinder (5)
Hydraulic Drive and Spindle Oil Reservoir (7)
Hydraulic Pump (2)
Hydraulic Manifold (4)
Oil Filters (3, 6)
Lift Cylinder Reservoir (8)

Routine Maintenance

- Check oil level daily.
- Fill the reservoir to the fill line when cold.
- Level frame prior to service to get an accurate reading.
- Use 5W-30 premium grade *engine* oil.
- Change transaxle oil and filter every 250 hours of operation or annually.
- Change Spindle oil every 250 hours of operation or annually.

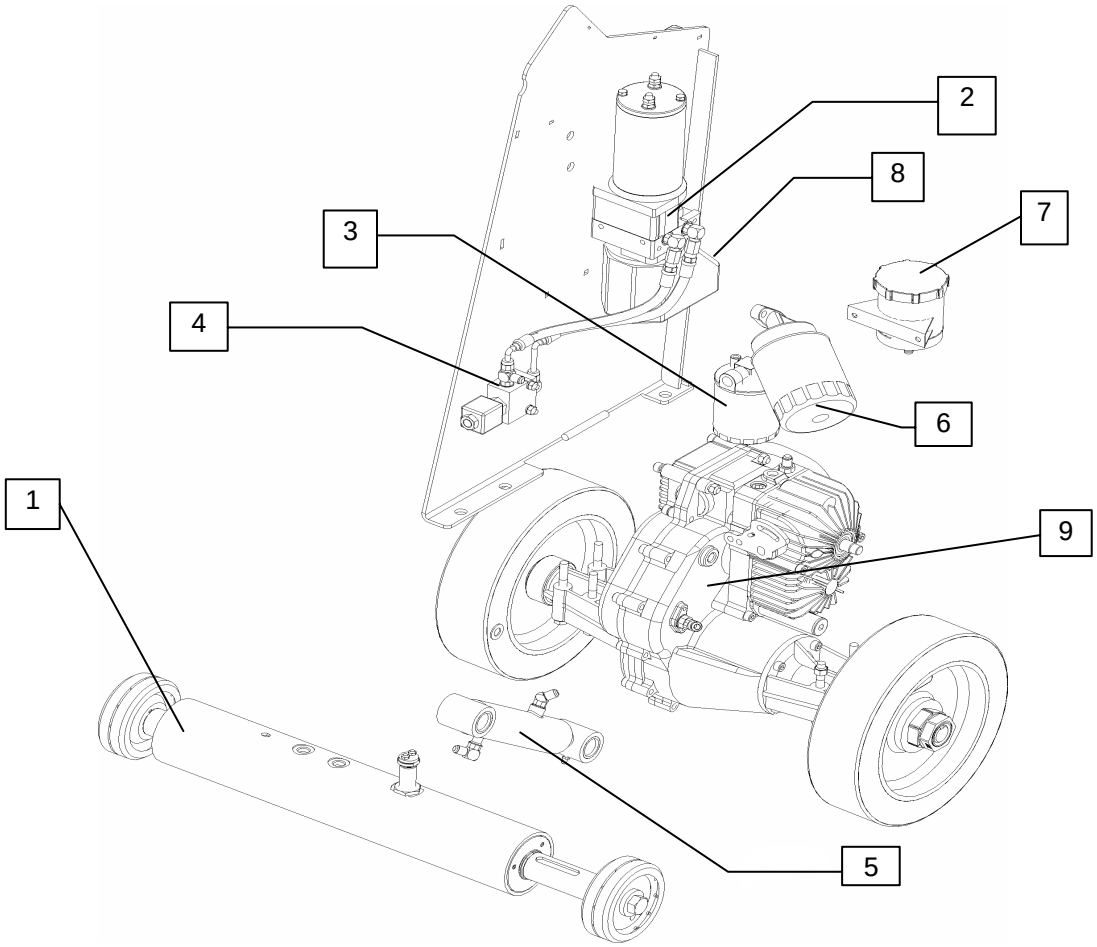


Fig. 42 — Hydraulic System Components

Draining & Filling the Hydraulic System

To drain the Transaxle

1. Remove the drain plug from the bottom of the Spindle housing and the bottom of the Transaxle.

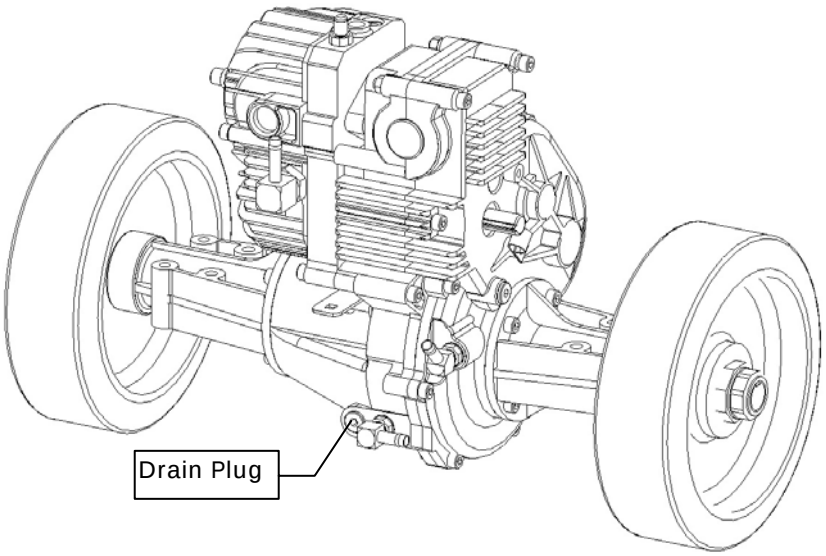


Fig. 43 — Transaxle Drain Plug

NOTE	Collect and dispose of the used oil and oil filter in an environmentally friendly manner. Do not drain onto the ground or pour used oil down drains.

2. Remove the old oil filter. See Fig. 43, above.
3. Once drained, reinstall the drain plugs.
4. Pre-fill and install a new oil filter.
5. Refill the Transaxle with hydraulic oil as outlined on page 58

CAUTION	Pre-fill the oil filter with oil prior to installing to prevent hydraulic pump damage.

To drain the Spindle

NOTE	The fully enclosed Spindle eliminates most maintenance. However, if the Spindle ever needs service or repair, contact Multiquip, at the number listed in the inside of the front cover for details.

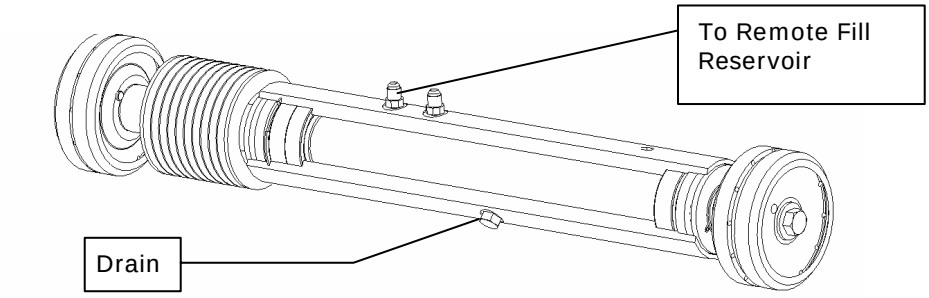


Fig. 44 — Spindle Assembly

1. Raise the saw 2/3 or more up.
2. Remove the drain plug from the bottom of the Spindle housing.
3. Re-install the drain plug and install a new oil filter.

CAUTION	To prevent damage to the hydraulic pump, pre-fill the new oil filter prior to installation.

To refill the hydraulic system

1. Ensure the saw is fully lowered if it had been raised.
2. Add hydraulic oil to the Drive & Spindle System Reservoir.
   - Oil will need to be added several times.
3. Jack the unit up so the drive wheels are off the ground, then run the engine for a couple minutes to cycle oil throughout the system.
4. Add more oil as required.
5. Inspect for leaks after service.

Tips

- Remove the oil reservoir cap to speed draining.
- Before installing a new filter, fill the reservoir and let it drain down to the filter manifold. Once new oil reaches the manifold, install the new pre-filled filter.
- To help speed up the refilling process, raise the saw half-way up and lift the rear of the saw until the Blade Flanges touch the ground.
- After filling the system, jack the saw up so the drive wheels are off the ground. Start the saw, and move the joystick half way into FORWARD, to purge air out of the system.

Drive Wheel Alignment

Below is the suggested technique for aligning the wheels. Distance X is the same on either side; the Front Axle and Spindle must be at right angles to the frame edge. Distance A is 3/16" (.187") longer on the right side, so that the saw steers slightly left. Users may wish to alter the alignment to fit a particular application.

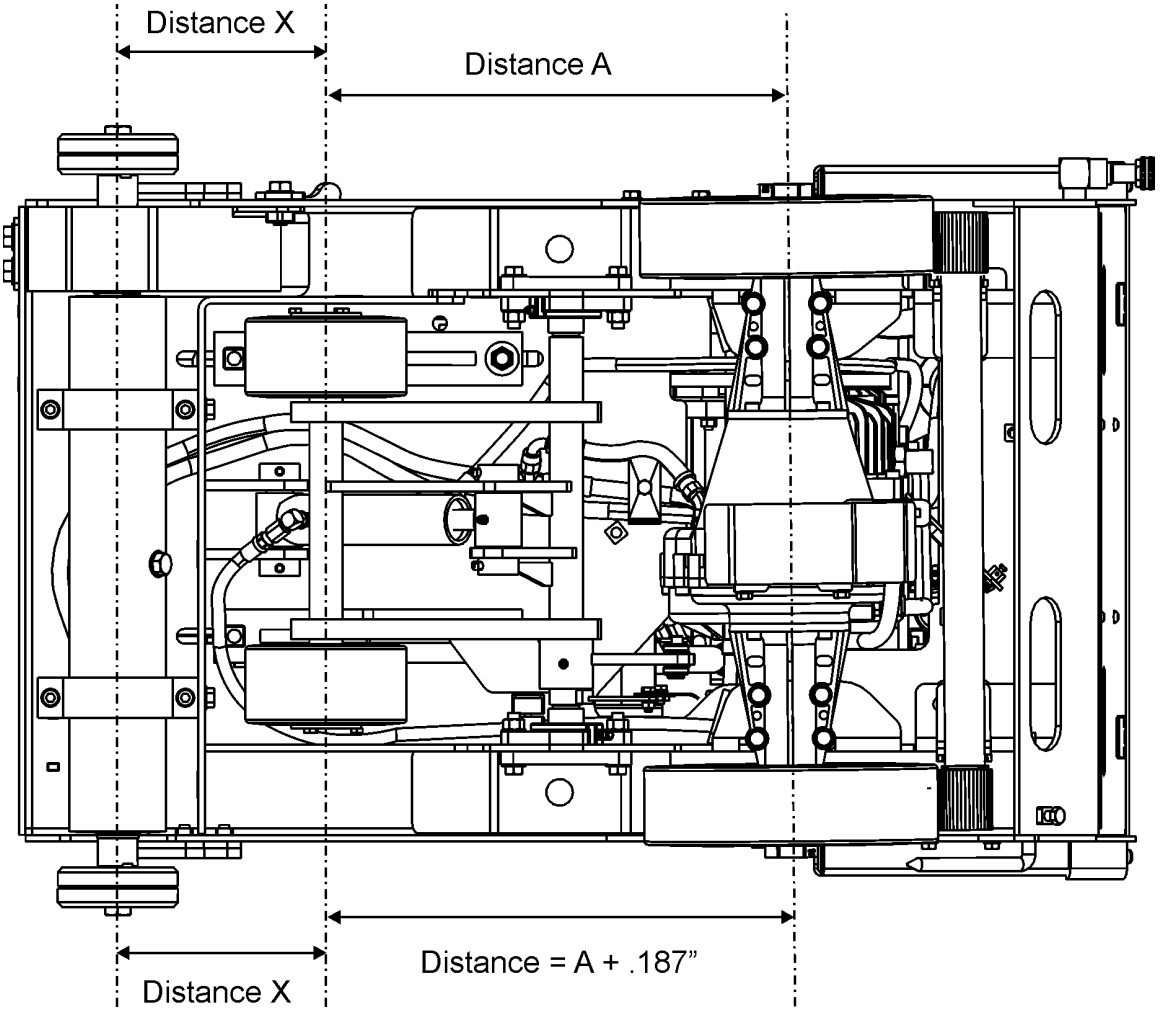


Fig. 45 — Drive Wheel Alignment

The drive wheels are aligned by adjusting the entire rear drive assembly.

1. Raise the saw halfway, then lift the rear of the saw until flanges touch the ground. Use suitable supports to prevent tipping or shifting of weight.
2. Loosen the adjustment-side attachment bolts until washers spin freely.
3. Loosen pivot-side bolts enough to move the adjustment-side wheel in the appropriate direction to achieve the desired alignment distance.
4. Tighten the Transaxle Attachment Bolts when the appropriate alignment distance is set.

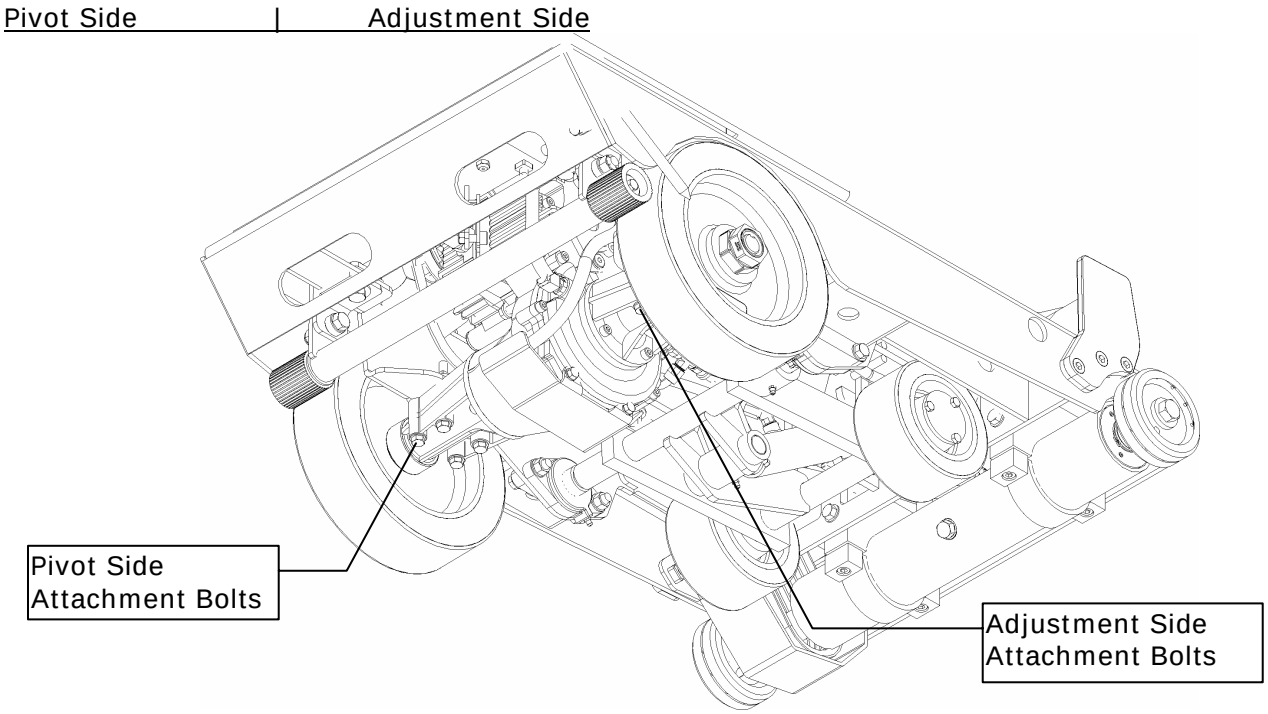


Fig. 46 — Drive Wheel Alignment Bolt Locations

Positraction Adjustment

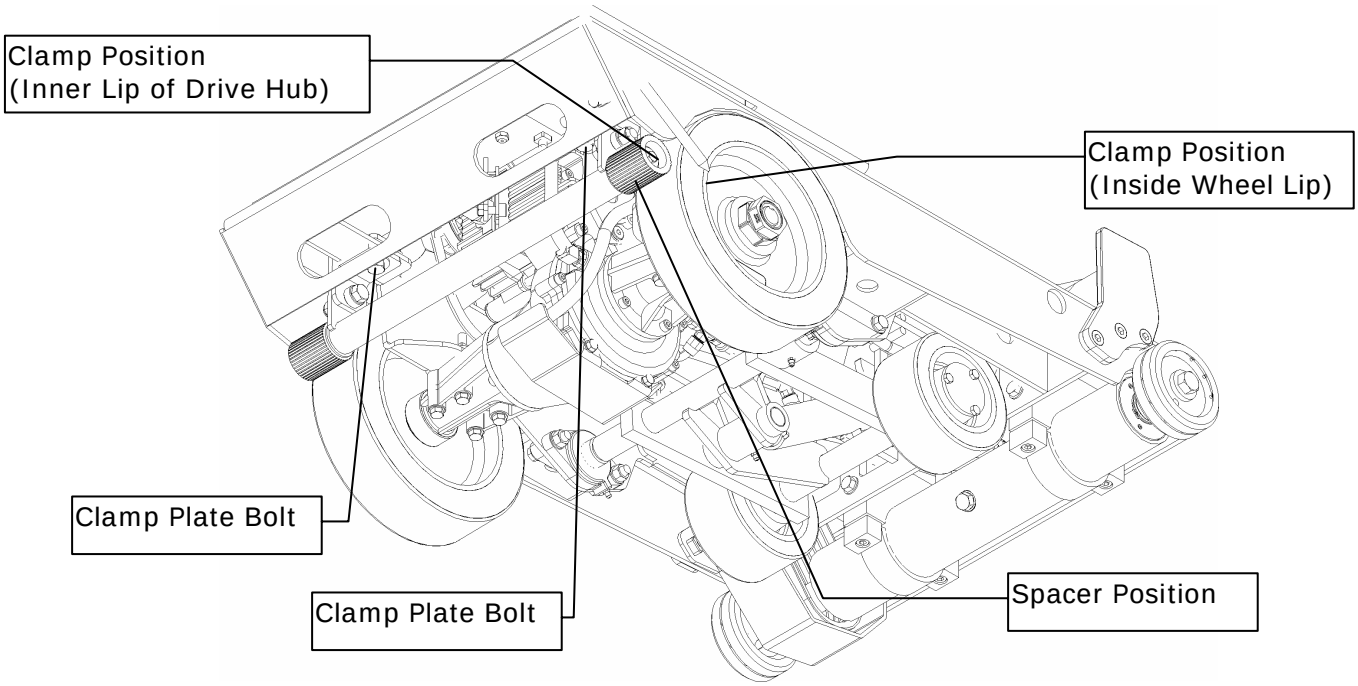


Fig. 47 — Positraction Adjustment Bolt Locations

1. Lift Saw 4″ to 6″ and tilt forward to place spindle flanges on ground. When flanges are on the ground, depress Raise Button to raise the rear of the saw to full height. Use suitable stands to hold rear of saw up.
2. Disengage Positraction Lever fully.
3. Loosen Positraction clamping plate bolts enough to adjust Positraction assembly.
4. Insert 1/8″ flat spacer between Positraction drive hub and rear wheel on both sides. Use a finger-type clamp to compress the drive hub and the rear wheel, insert spacers between contact points of wheel and hub. Tighten clamp until rear wheel compresses slightly.
5. Tighten Positraction clamping bolts to secure Positraction assembly. Remove clamps and spacer.
6. Remove supports. Grasp the handlebars securely and depress the "Lower" button until the rear of the saw has lowered sufficiently to safely lower the rear wheels to the ground.

EXPLANATION OF CODE IN REMARKS COLUMN

The following section explains the different symbols and remarks used in the Parts section of this manual. Use the help numbers found on the back page of the manual if there are any questions.

> The contents and part numbers listed in the parts section are subject to change ***without notice***. Multiquip does not guarantee the availibility of the parts listed.

Sample Parts List:

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	12345	BOLT	1	INCLUDES ITEMS W/#
2#		WASHER, 1/4 IN.		NOT SOLD SEPARATELY
2#	12347	WASHER, 3/8 IN.	1	MQ-45T ONLY
3	12348	HOSE	A/R	MAKE LOCALLY
4	12349	BEARING	1	S/N 2345B AND ABOVE

NO. Column

Unique Symbols - All items with same unique symbol ($, #, +, %, or >) in the number column belong to the same assembly or kit, which is indicated by a note in the "Remarks" column.

Duplicate Item Numbers- Duplicate numbers indicate multiple part numbers are in effect for the same general item, such as different size saw blade guards in use or a part that has been updated on newer versions of the same machine.

NOTE

When ordering a part that has more than one item number listed, check the remarks column for help in determining the proper part to order

PART NO. Column

Numbers Used - Part numbers can be indicated by a number, a blank entry, or TBD.

TBD (To Be Determined) is generally used to show a part that has not been assigned a formal part number at time of publication.

A blank entry generally indicates that the item is not sold separately or is not sold by Multiquip. Other entries will be clarified in the "Remarks" Column.

QTY. Column

Numbers Used - Item quantity can be indicated by a number, a blank entry, or A/R.

A/R (As Required) is generally used for hoses or other parts that are sold in bulk and cut to length.

A blank entry generally indicates that the item is not sold separately. Other entries will be clarified in the "Remarks" Column.

REMARKS Column

Some of the most common notes found in the "Remarks" Column are listed below. Other additional notes needed to describe the item can also be shown.

Assembly/Kit - All items on the parts list with the same unique symbol will be included when this item is purchased.

Indicated by:
"INCLUDES ITEMS W/(unique symbol)"

Serial Number Break - Used to list an effective serial number range where a particular part is used.

Indicated by:
"S/N XXXXX AND BELOW"
"S/N XXXX AND ABOVE"
"S/N XXXX TO S/N XXX"

Specific Model Number Use - Indicates that the part is used only with the specific model number or model number variant listed. It can also be used to show a part is NOT used on a specific model or model number variant.

Indicated by:
"XXXXX ONLY"
"NOT USED ON XXXX"

"Make/Obtain Locally" - Indicates that the part can be purchased at any hardware shop or made out of available items. Examples include battery cables, shims, and certain washers and nuts.

"Not Sold Separately" - Indicates that an item cannot be purchased as a separate item and is either part of an assembly/kit that can be purchased, or is not available for sale through Multiquip.

SUGGESTED SPARE PARTS

MQ SP-3035 CONCRETE SAW WITH WISCONSIN 35 HP AIR-COOLED DIESEL ENGINE

1 to 3 Units

Qty.	P/N	Description
1	300000-1	FILTER, AIR, ELEMENT, PRIMARY
1	300000-2	FILTER, AIR ELEMENT, SAFETLY
1	306004	FILTER, OIL, WISCONSIN 35 HP
1	306006	FILTER, TRANSAXLE
1	304000	FILTER, FUEL, WISCONSIN 35 HP
1	520006	V-BELT, 6 3VX425 (GOODYEAR)
1	521005	V-BELT, AX-31 (GOODYEAR)
1	15503	COMFORT GRIP KNOB
1	H9406	NIGHT LIGHT BULB
1	400000	LIFT PUMP SOLENOID
1	362002	TUBE, WATER, RH SIDE
1	362003	TUBE, WATER, LH SIDE
1	200019	FLAP, MUD, BLADEGUARD
1	406000	SWITCH, ROCKER
2	180000	BLADE COLLAR, INSIDE
	180001	BLADE COLLAR ASSY, OUTER
2	980705	PIN, DOWEL 3/8 X 1-1/4"
2	582012	BUSHING, QUICK DISCONNECT SPINDLE
1	915315	SCREW, HHC 5/8-11 X 3 GRD8
1	915316	SCREW, HHC 5/8 -11 X 3 LH GR8
1	25832	ROPE ASSY, FRONT POINTER
1	35131	MOUNTING HORN, AXLE
1	25839	FRONT WHEEL ASSY
2	500011	REAR WHEEL
2	528038	REAR WHEEL KEYLESS BUSHING
1	29509	CAP, FUEL TANK 2.25 DIA, ONE WAY VALVE

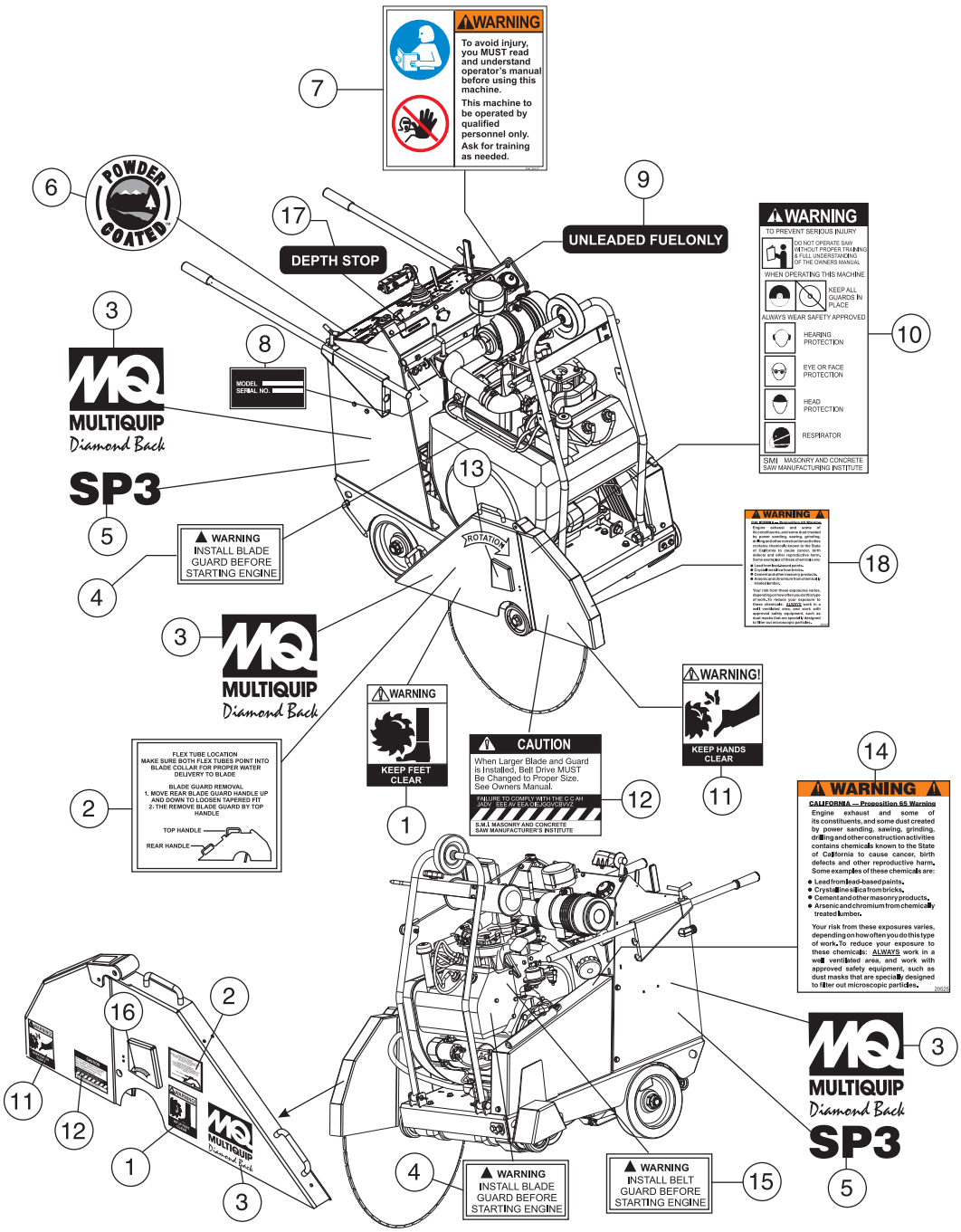
NOTE

Part numbers on this Suggested Spare Parts List may supercede/replace the P/N's shown in the test pages of this manual.

COMPONENT DRAWINGS

Nameplate and Decals Assy.

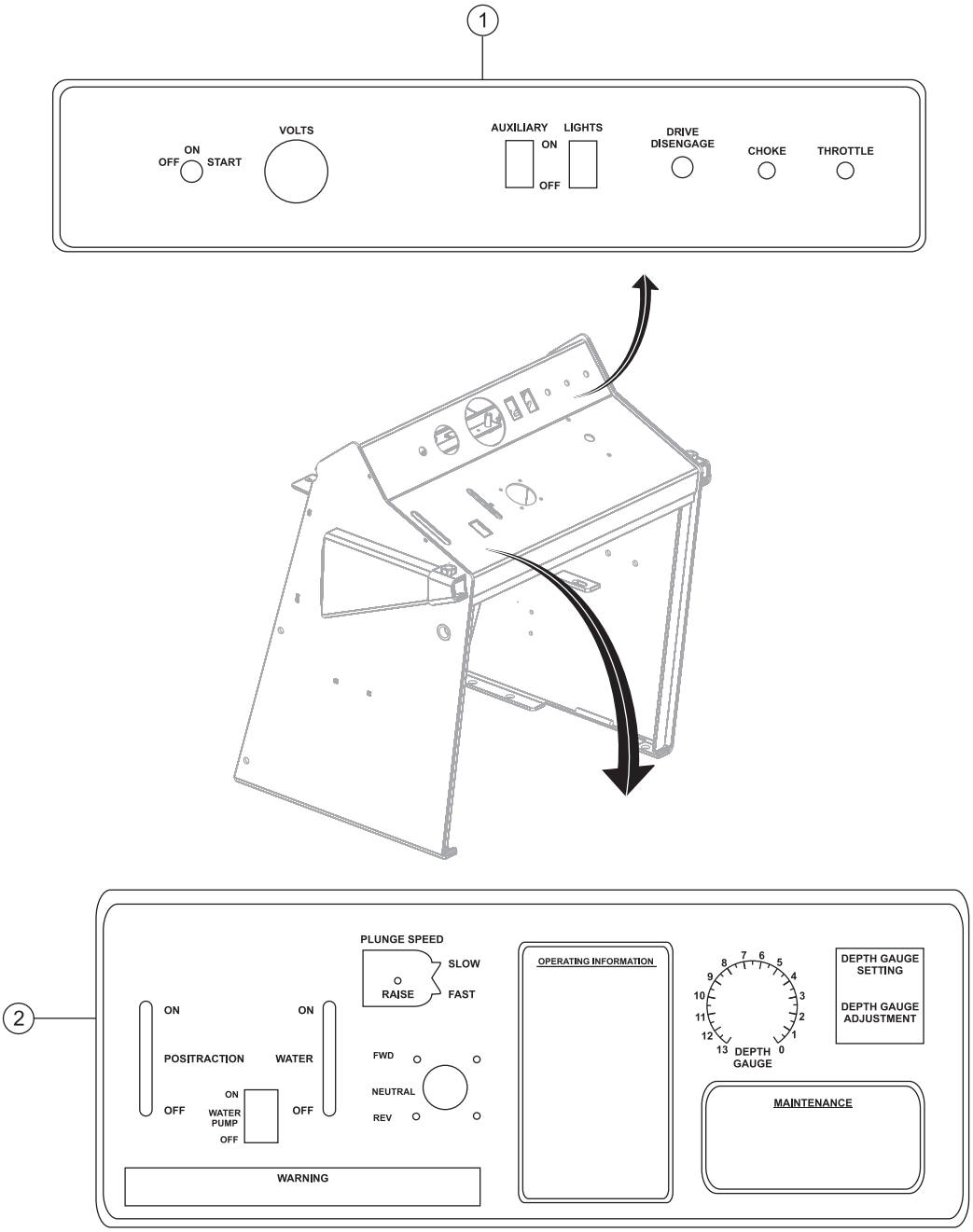
The Multiquip SP-3035 Saw is equipped with a number of operation and safety decals. Should any of these decals become unreadable, replacements can be obtained from your dealer.



Nameplate and Decals Assy.

NO	PART NO	PART NAME	QTY.	REMARKS
1	25250-001	DECAL, WARNING, KEEP FEET CLEAR	2	
2	606004	DECAL, BLADE GUARD REMOVAL	2	
3	25782	DECAL, MQ DIAMOND LOGO	4	
4	21302	DECAL, WARNING, INSTALL BLADE GUARD	2	
5	25785	DECAL, SP3 LOGO	3	
6	13118	DECAL, POWDER COATED	1	
7	35137	DECAL, WARNING, READ MANUAL	1	
8	1997	DECAL, NAMEPLATE	1	
9	M600021	DECAL, UNLEADED FUEL ONLY	1	
10	22122-001	DECAL, WARNING, SERIOUS INJURY	1	
11	25249-001	DECAL, WARNING, KEEP HANDS CLEAR	2	
12	23330-001	DECAL, CAUTION, DRIVE BELT	1	
13	25491	DECAL, ROTATION, CW	1	
14	20525	DECAL, WARNING, PROPOSITION 65	1	
15	604001	DECAL, WARNING, INSTALL BELT GUARD	1	
16	25678	DECAL, ROTATION, CCW	1	

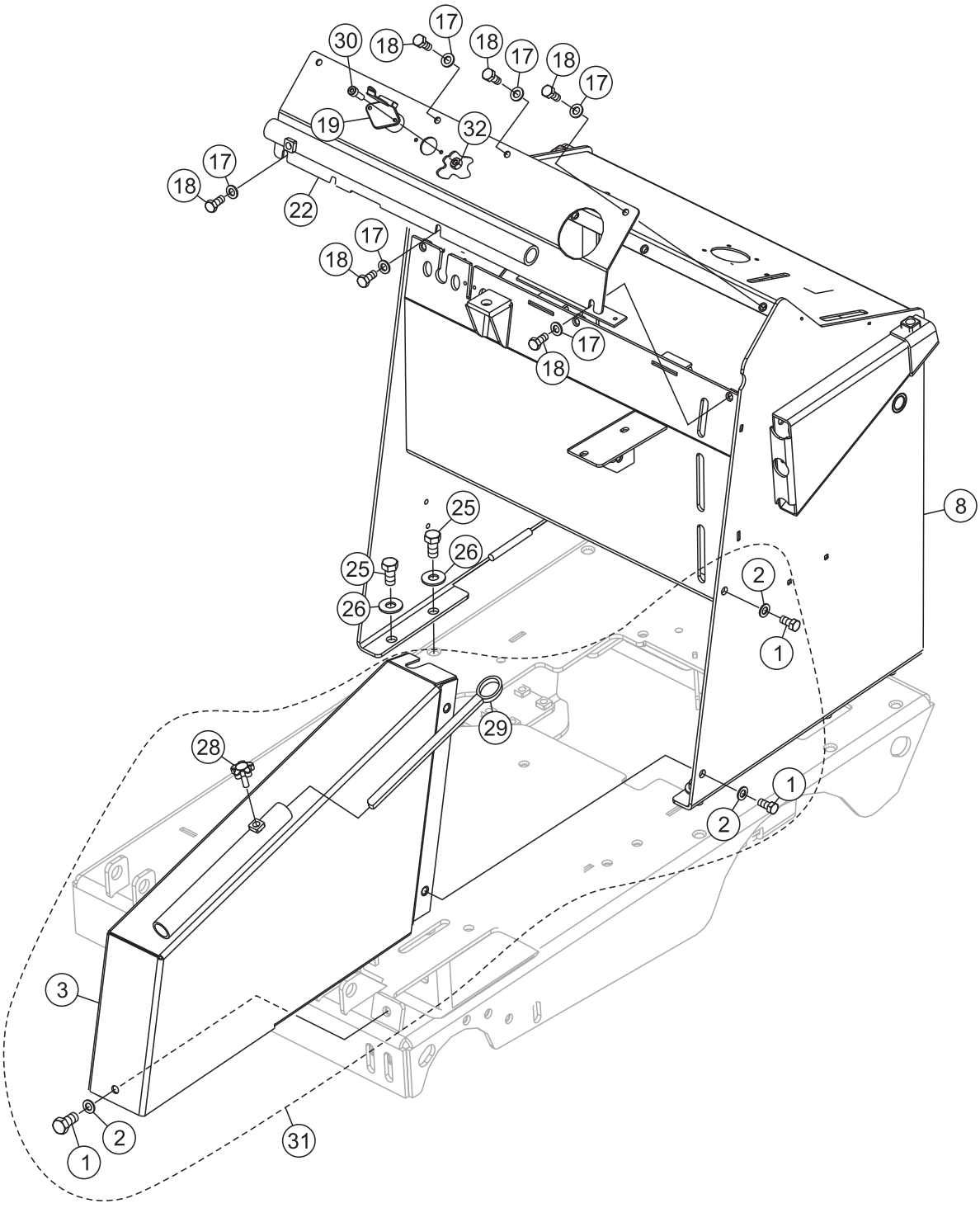
Deck/Gauge Panel Assy.



Deck/Gauge Panel Assy.

NO	PART NO	PART NAME	QTY.	REMARKS
1	M600020	GAUGE PANEL	1	
2	M600019	DECK PANEL	1	

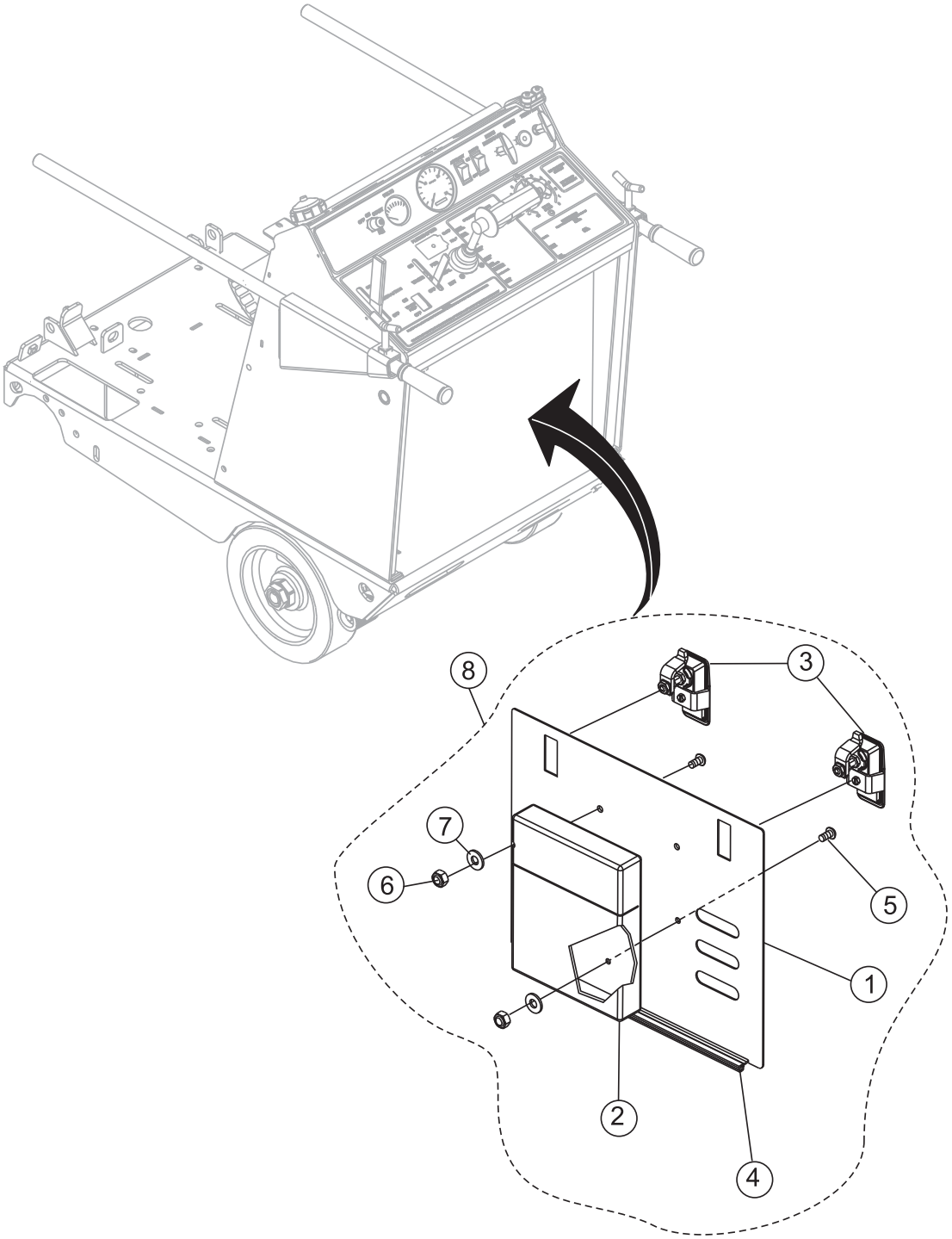
Console/Sheet Metal Assy.



Console/Sheet Metal Assy.

NO	PART NO	PART NAME	QTY.	REMARK
1#	0166	SCREW, HHC 3/8-16 X 7/8	3	
2#	933242	WASHER, FLAT SAE 3/8 GRD 9 YZ	3	
3#	204007	BELT GUARD	1	
8	25796	CONSOLE, RED	1	
18	0655	SCREW, HHC 5/16-18 X 3/4	6	
19	25865	HARNESS, LIGHT KIT, SOCKET	1	
22	25805	PANEL, CONSOLE COVER, RED	1	
25	3214	SCREW, HHC 1/2-13 X 1-1/4	6	
26	933244	WASHER, FLAT SAE 1/2 GRD 9 YZ	6	
28#	15503	KNOB, COMFORT GRIP STAR, 3/8-16 X 1	1	
29#	584011	WRENCH, 15/16" BLADE CLOSED END	1	
30	923114	SCREW, SHC 8-32 X 1/2	2	
31	35180	BELT GUARD ASSY	1	INCLUDES ITEMS W/#
32	13287	NUT, NYLOC 8-32	2	

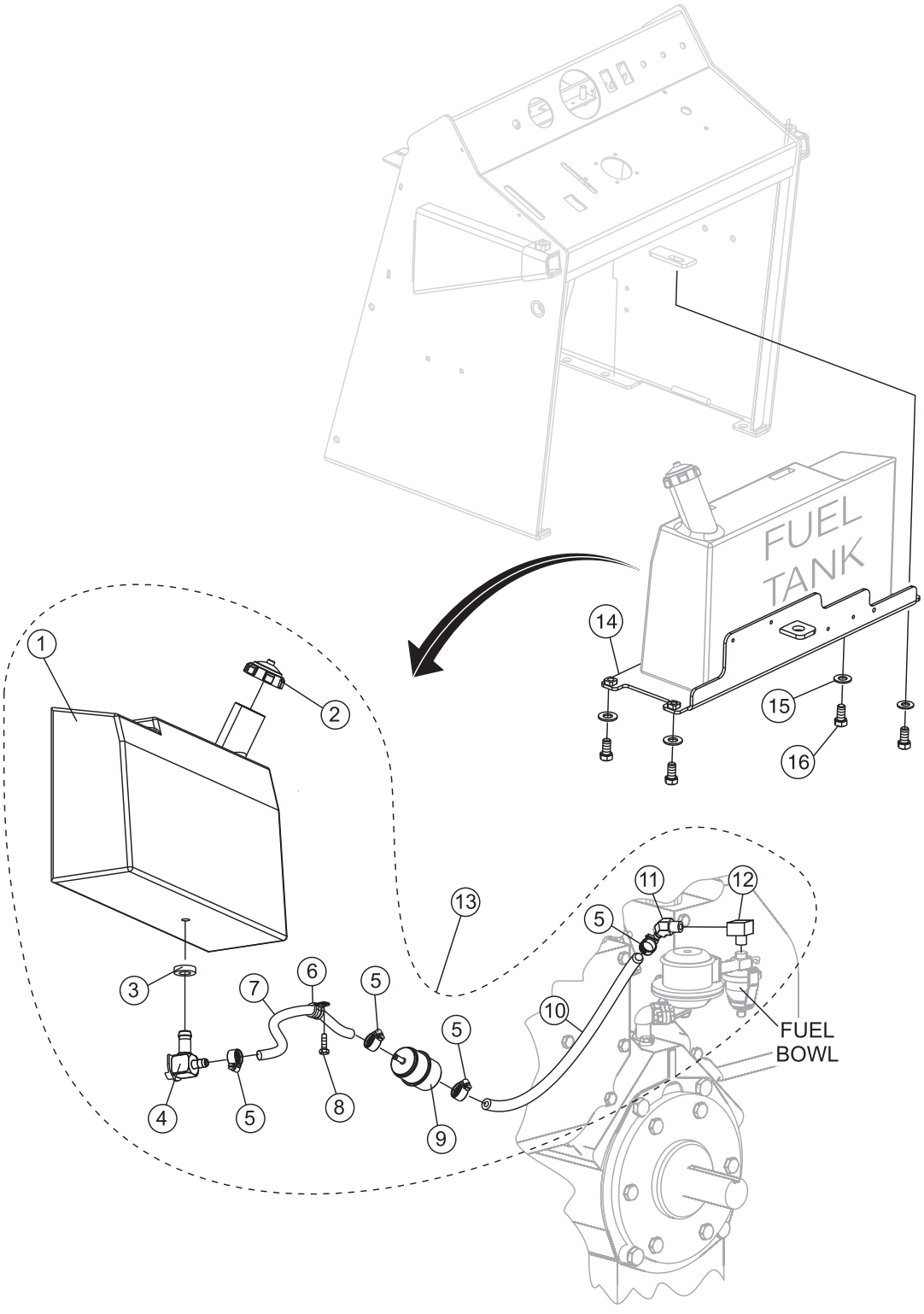
Access Panel Assy.



Access Panel Assy.

NO	PART NO	PART NAME	QTY.	REMARK
1#	25795	PANEL, REAR CONSOLE, RED	1	
2#	29057	DOCUMENT BOX, CP90007-07	1	
3#	560020	LATCH, REAR SAW ACCESS PANEL	2	
4#	577002	WEATHER STRIP, REAR SAW ACCESS PANEL	1.75 FT.	
5#	12287	SCREW, THP 1/4-20 X 3/4" SS	4	
6#	10024	NUT, NYLOCK 1/4-20	4	
7#	10930	WASHER, FENDER, 1/4 X 1-1/4"	4	
8	25794	PANEL ASSY., REAR CONSOLE, RED	1	INCLUDES ITEMS W/#

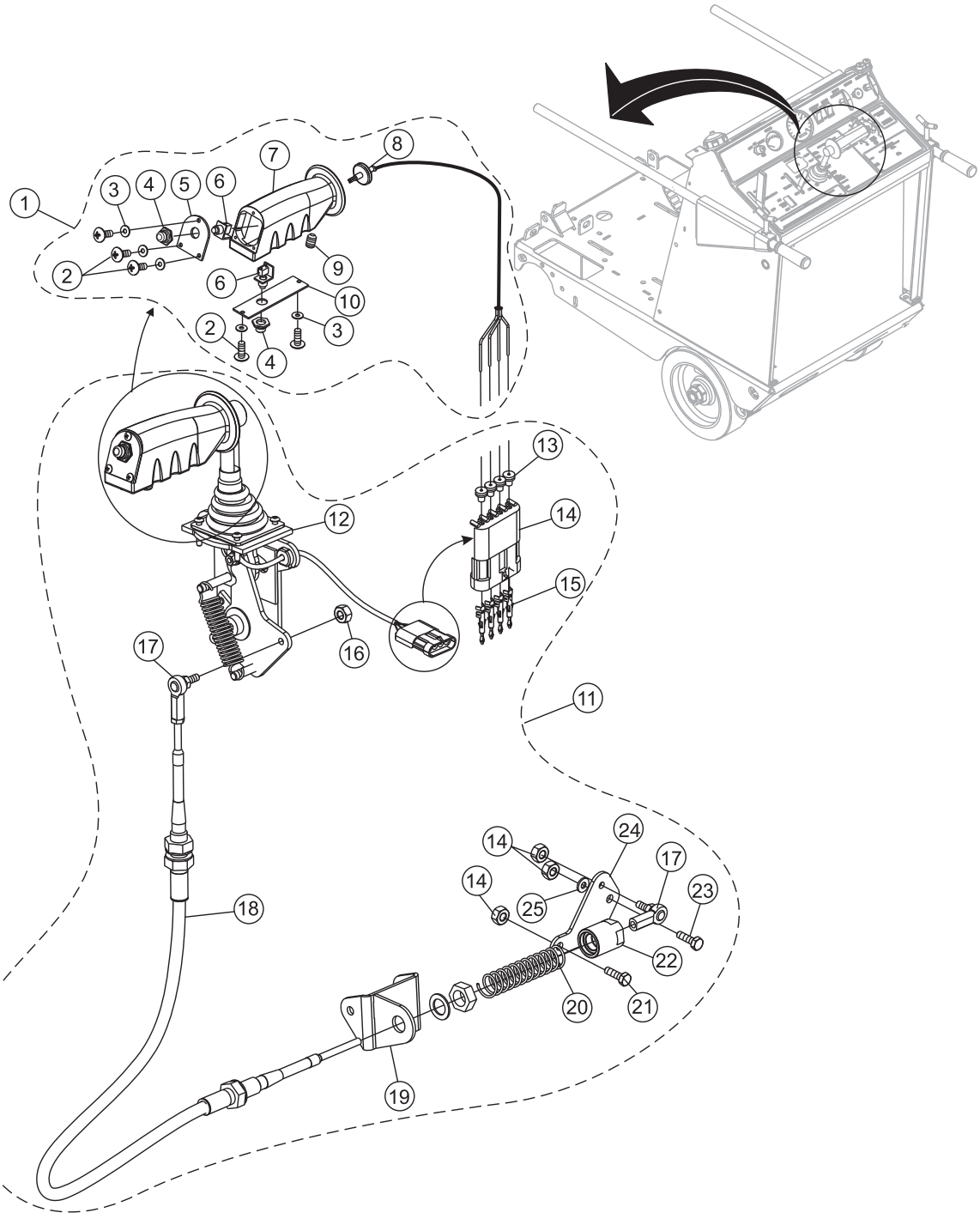
Fuel Tank Assy.



Fuel Tank Assy.

NO	PART NO	PART NAME	QTY.	REMARK
1#	1400003	TANK, FUEL	1	
2#	29509	CAP, FUEL TANK 2.25" DIA. ONE WAY VALVE	1	
3#	19633	BUSHING, RUBBER FUEL DAPCO 10672	1	
4#	446005	VALVE, FUEL ON/OFF 1/4"	1	
5#	19473	CLAMP, HOSE WORM #2	4	
6#	35022	CLAMP, LOOP CUSHIONED #8	1	
7#	35059	HOSE, FUEL .250 ID, 12"	1	
8#	2295	SCREW, HHC 1/4-20 X 7/8"	1	
9#	304000	FILTER, FUEL, WISCONSIN	1	
10#	35060	HOSE, FUEL .250 ID, 11"	1	
11#	370626	FITTING, 45° 4BARB-1/8" MP	1	
12#	367216	FITTING, 90°-1/8" FP-1/8" MP	1	
13	25831	FUEL TANK ASSY	1	INCLUDES ITEMS W/#
14	25801	MOUNT, FUEL TANK	1	
15	933242	WASHER, FLAT SAE 3/8" GD9	4	
16	4196	SCREW, SHC 8-32 X 1/2"	4	

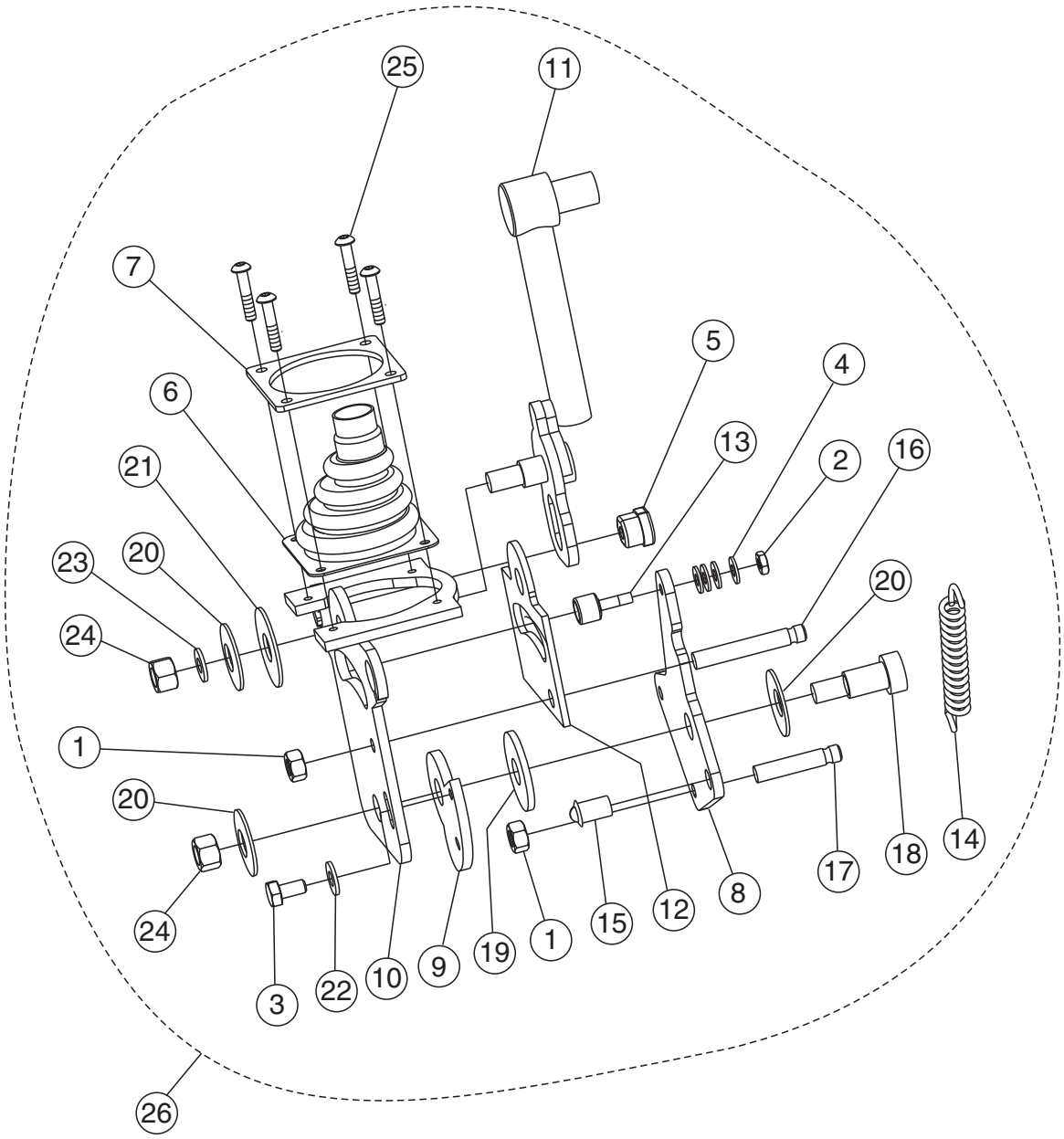
F-N-R Control Handle Assy.



F-N-R Control Handle Assy.

NO	PART NO	PART NAME	QTY.	REMARK
1	560030	F-N-R CONTROL HANDLE ASSY.	1	INCLUDES ITEMS W/#
2#	560028-6	SCREW, #6-32 X 3/8	5	
3#	5600028-8	WASHER, FLAT #4 NYLON	5	
4#	560028-4	RUBBER BOOT	2	
5#	560028-3	PLATE, SIDE SWITCH	1	
6#	560028-5	SWITCH ASSEMBLY	2	
7#	560028-1	HANDLE HOUSING	1	
8#	60118	WIRE, F-N-R	1	
9#	925381	SCREW, SET 1/4-20 X 3/8	1	
10#	560028-2	PLATE, FRONT SWITCH	1	
11	35176	F-N-R CONTROL ASSY.	1	INCLUDES ITEMS W/%
12%	25627	F-N-R CONTROL	1	
13%	405070	SEAL, WEATHERPACK	4	
14%	405046	CONNECTOR, MALE	1	
15%	12223	TERMINAL WEATHERPACK	4	
16%	6904	NUT, HEX FINISH 1/4-28 ZINC	4	
17%	580001	ROD END, 1/4-20 FEMALE RH	2	
18%	440006	CABLE, CONTROL 40" X 2" STROKE	1	
19%	120077	MOUNT TRANSAXLE CTRL. CABLE	1	
20%	565006	SPRING, CTRL. CABLE TENSIONING	1	
21%	915003	SCREW, HHC 1/4-20 X 3/4 GRD. 8	1	
22%	584044	RETAINER, FNR CABLE SPRING	1	
23%	2295	SCREW, HHC 1/4-20 X 7/8	1	
24%	440005	PLATE, F-N-R PINTLE CONTROL	1	
25%	933240	WASHER, FLAT SAE 1/4" GRD. 9	1	

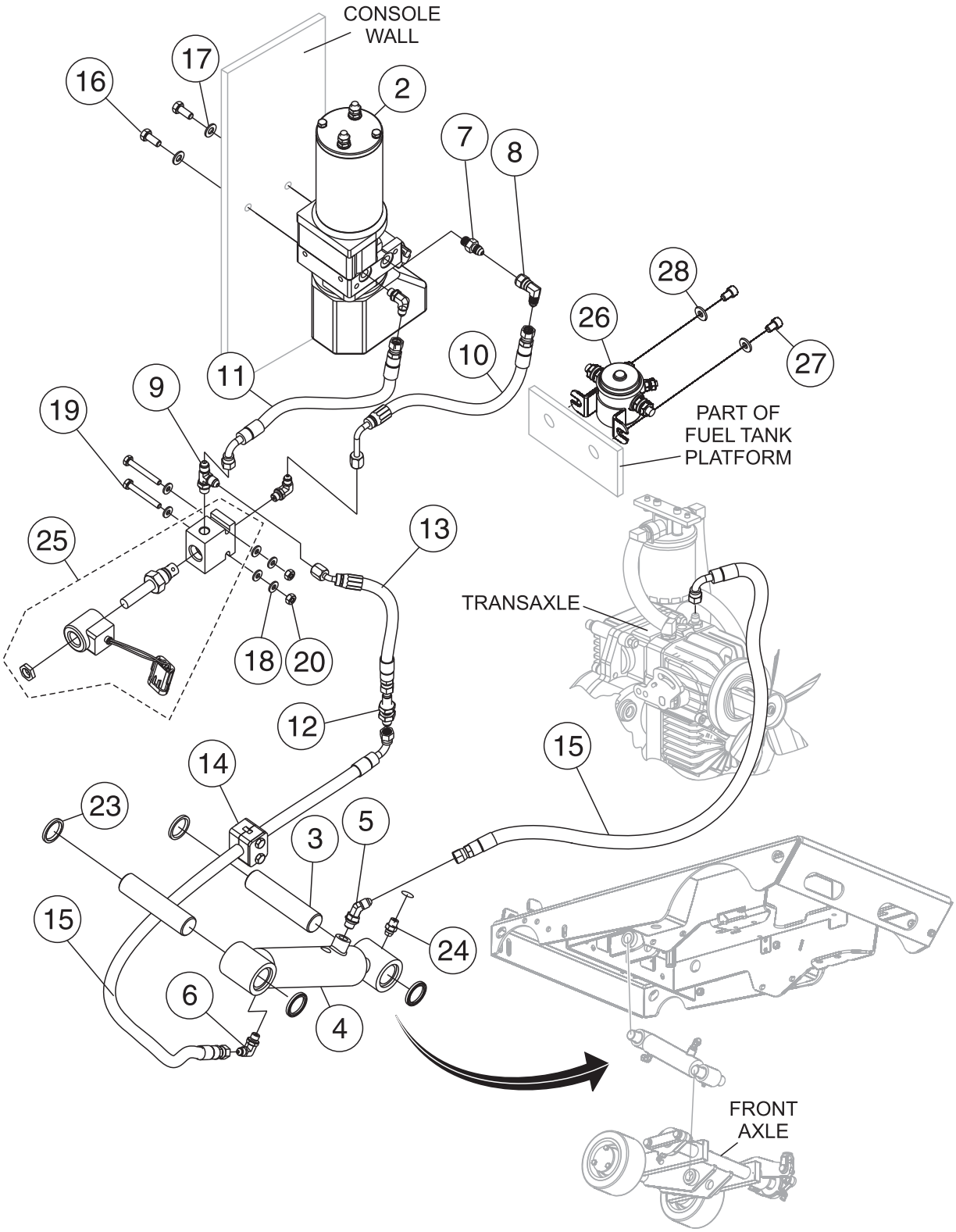
Joystick Mounting Assy.



Joystick Mounting Assy.

NO	PART NO	PART NAME	QTY.	REMARK
1#	0161D	NUT, HEX FINISH 5/16-18	2	
2#	10019	NUT, FYLOC #10-32	1	
3#	1579	SCREW. JJC 1/4-20 X .5	1	
4#	2203	WASHER, FLAT, #10	4	
5#	405053	CORD GRIP, SAW FNR CONTROL	1	
6#	442005-6	BOOT, FNR CONTROL HANDLE	1	
7#	442006-3	SPACER, F-N-R	1	
8#	442011	BELLCRANK, SAW F-N-R	1	
9#	442012	PLATE, NEUTRAL DETENT	1	
10#	442013	F-N-R MOUNTING PLATE	1	
11#	442021	CONTROL LEVER	1	
12#	442022	SPACER, F-N-R DELRIN	1	
13#	460018	CAM ROLLER, SAW FNR CONTROL	1	
14#	565005	EXTENSION SPRING F-N-R CONTROL	1	
15#	584021	DENTENT BALL, SAW FNR CONTROL	1	
16#	584023	PIN, LONG SPRING HANGER	1	
17#	584024	PIN, SHORT SPRING HANGER	1	
18#	926348	SCREW, SHOULDER 3/8-16 X 3/4	1	
19#	933015	FRICTION DISC, SAW F-N-R	1	
20#	933073	1/2 X 1-1/4 BELLEVILLE WASHER	3	
21#	933225	WASHER, FENDER 1/2 X 1-1/2 ZINC	1	
22#	933240	WASHER, FLAT 1/4 SAE	1	
23#	933242	WASHER, FLAT 3/8 SAE	1	
24#	938062	LOCKNUT 3/8-16 YZ	2	
25#	973735	SCREW, BHSC 10-24X1-SS	4	
26	35122	F-N-R MOUNTING ASSY.....	1	INCLUDES ITEMS W/#

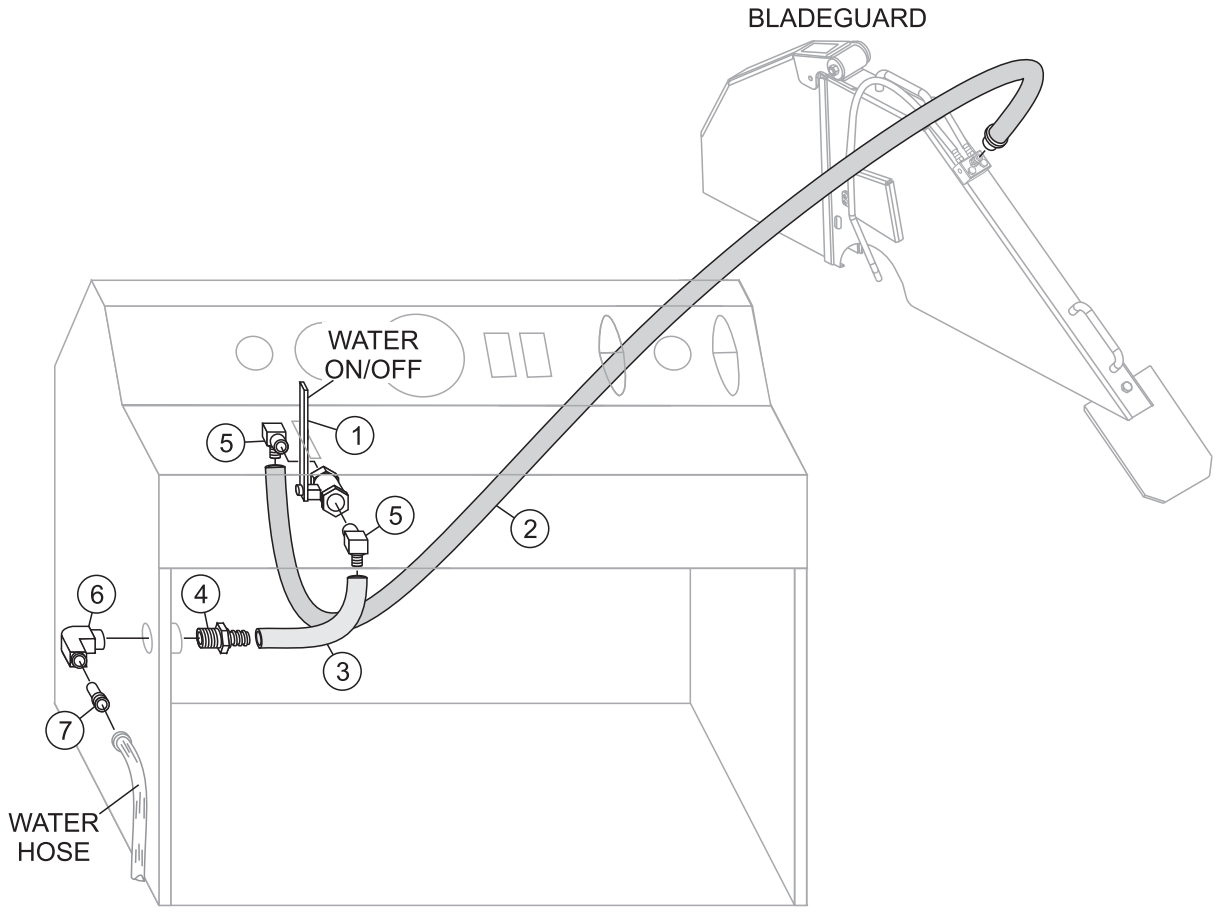
Lift Pump Circuit Assy.



Lift Pump Circuit Assy.

NO	PART NO	PART NAME	QTY.	REMARK
2	340011	PUMP, LIFT	1	
3	169003	PIN, CYLINDER	2	
4	447007	CYLINDER, LIFT	1	
5	21159	FITTING, 45 4MJ-4MO	1	
6	368817	FITTING, 90 4MJ-4MO	1	
7	35149	FITTING, ORIFICE 4MJ-4MO	1	
8	366640	FITTING, 90 4MJ-4FJ	1	
9	35157	FITTING, TEE 4MO-4MJ	1	
10	35156	HOSE ASM, 11.3"	1	
11	35250	HOSE ASM, 10.7"	1	
12	366437	FITTING, BULKHEAD #4 JIC	1	
13	35248	HOSE ASM 9.1"	1	
14	570050	CLAMP ASM #4 SINGLE HOSE	1	
15	35057	HOSE ASM 28.7"	2	
16	0655	SCREW, HHC 5/16-18 X 3/4	2	
17	933241	WASHER, FLAT SAE 5/16 GRD 9 YZ	2	
18	933240	WASHER, FLAT SAE 1/4 GRD 9 YZ	2	
19	20909	SCREW, HHC 1/4-20 X 2	2	
20	0949	NUT, HEX FINISH 1/4-20 X 3/8 NP	2	
23	480003	SEAL, OIL CR# 9815	4	
24	2621	FITTING, GREASE ZERK STR 1/4-28	1	
25	446009	SOLENOID VALVE ASM, SAW LIFT	1	
26	400000	SOLENOID, 12VDC	1	
27	923000	SCREW, SHC 1/4-20 X 3/8 NP	2	
28	933076	WASHER, FLAT SAE #12 ZINC	2	

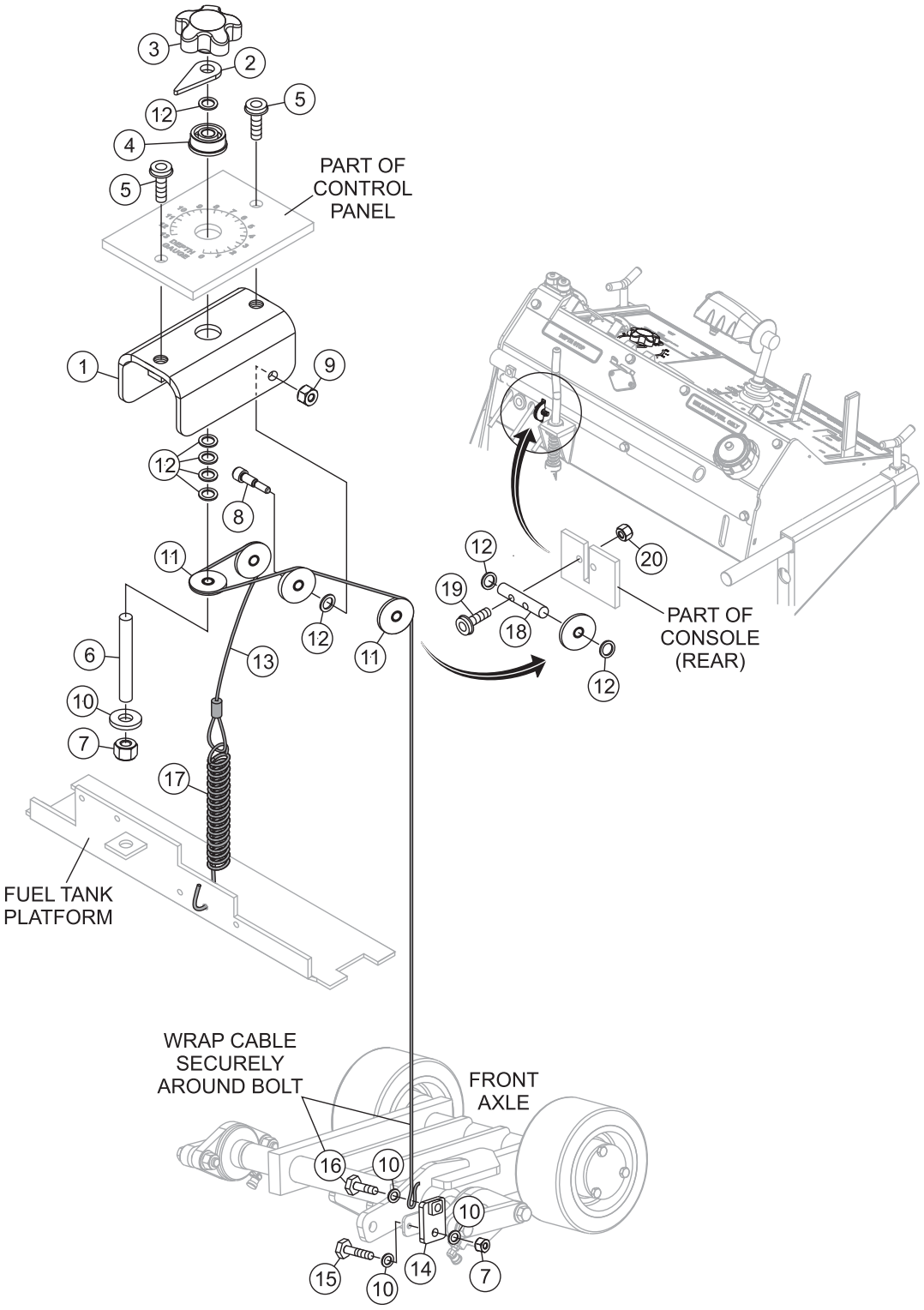
Water System Assy.



Water System Assy.

NO	PART NO	PART NAME	QTY.	REMARK
1	446004	VALVE, BALL, 1/2 BRASS	1	
2	35047	HOSE ASM, 95.1" #8LP	1	
3	35052	HOSE, 1/2 ID PUSHLOCK 250 PSI, 8"	1	
4	25059	FITTING, BRASS 8 PUSH-ON 1/2 MP	1	
5	25931	FITTING, 90 8 BARB - 1/2 MP	2	
6	26496	FITTING, 90 1/2 MP - 1/2 FP	1	
7	25827	FITTING, BRASS (F) 3/4 GHT SWIVEL 1/2 MNPT	1	

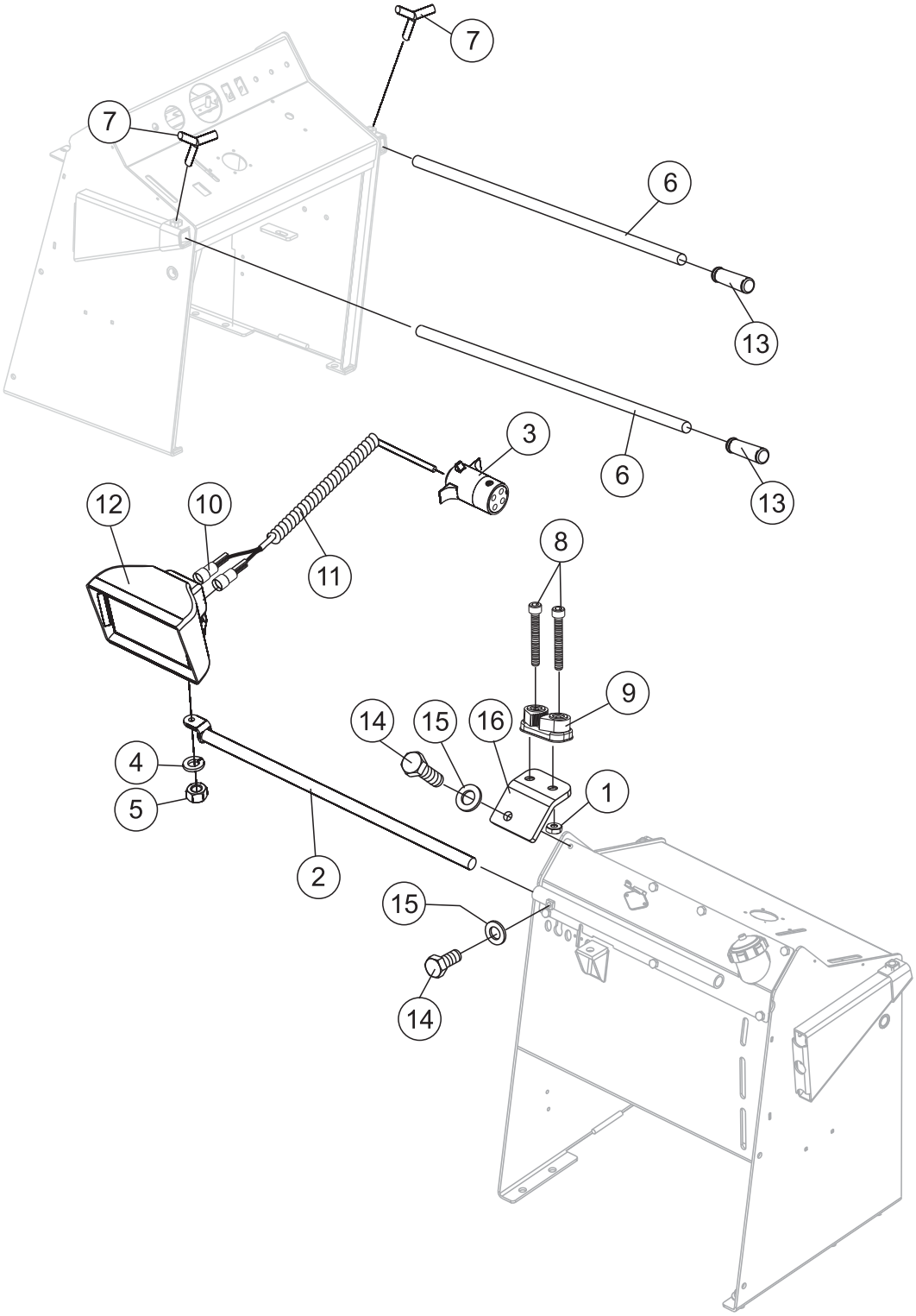
Depth Indicator Assy.



Depth Indicator Assy.

NO	PART NO	PART NAME	QTY.	REMARK
1	125032	DEPTH INDICATOR U-BRACKET	1	
2	110031	POINTER, DEPTH	1	
3	560025	KNOB, COMFORT GRIP	1	
4	460019	FLANGE BEARING, .25ID	1	
5	973752	SCREW, BHSC, 1/4-20 X 5/8 SS	2	
6	584025	STUD, 1/4-20 X 1-3/4	1	
7	10024	NUT, NYLOC 1/4-20	2	
8	926149	SCREW, SHDLR 1/4D X 5/16L, 10-24 SCKT HD	2	
9	1618	NUT, NYLOC 10-24	2	
10	933240	WASHER, FLAT SAE 1/4 GRD 9 YZ	4	
11	540011	PULLEY, CABLE 1-1/4" OD X .25 SHAFT	4	
12	583059	SHIM, .020" THICK, .251" ID, .375" OD	9	
13	440012	DEPTH INDICATOR CABLE	1	
14	120243	PIVOT TAB	1	
15	0131 A	SCREW, HHC 1/4-20 X 3/4	1	
16	1579	SCREW, HHC 1/4-20 X 1/2	1	
17	565004	SPRING, EXTENSION	1	
18	160013	AXLE, INDICATOR SHEAVE	1	
19	923116	SCREW, SHC 8-32 X 3/4	2	
20	13287	NUT, NYLOC	2	

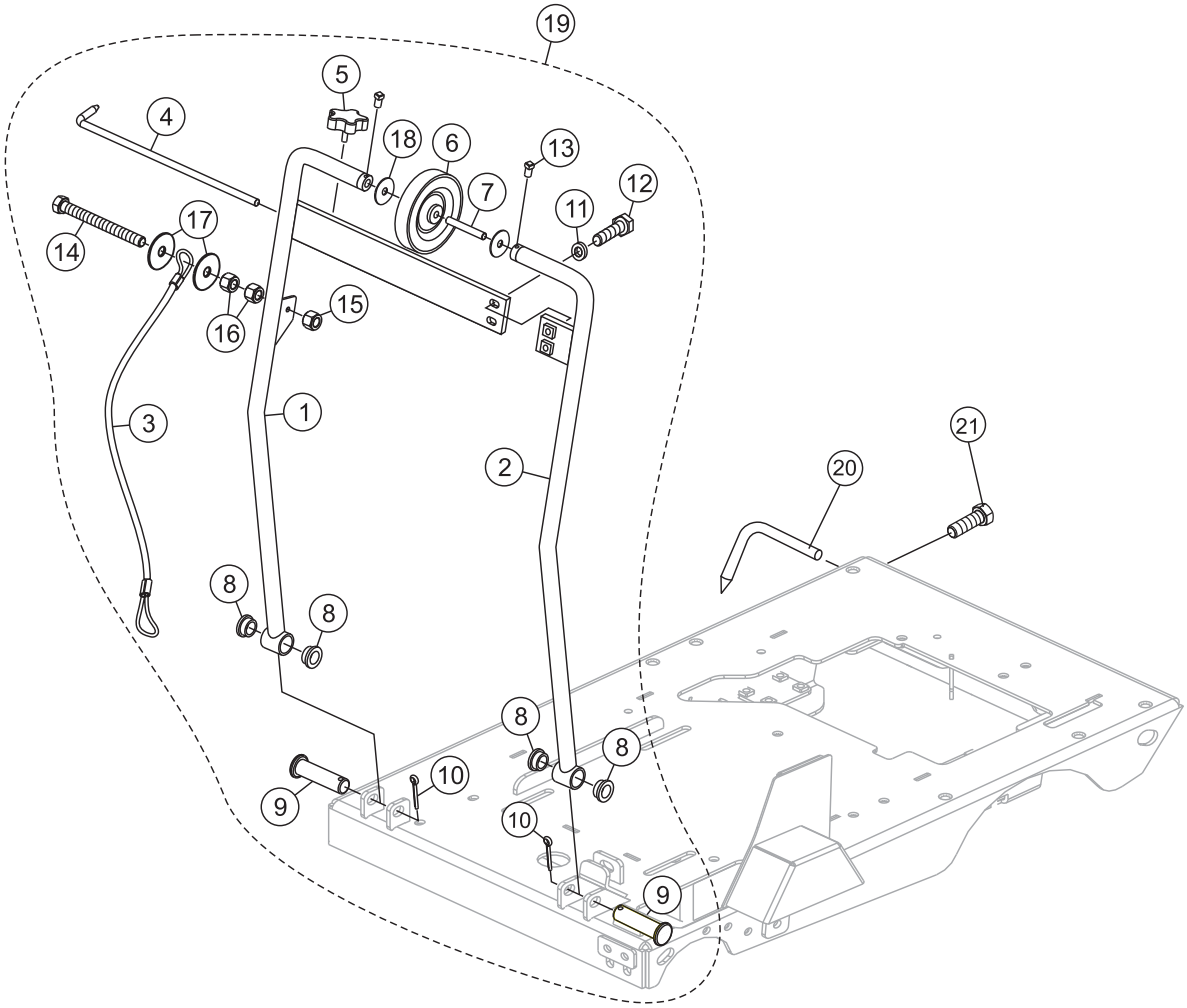
Handle and Light Assy.



Handle and Light Assy.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	12387	NUT, NYLOCK 8X32	2	
2	120206	LIGHT BAR, CONCRETE SAW	1	
3	405001	CONNECTOR, PLUG, 4 PIN FEMALE	1	
4	0161 C	WASHER, LOCK 5/16"	1	
5	0161 D	NUT, 5/16-18	1	
6	560023-1	HANDLE BAR, CONCRETE SAW	2	
7	560024	KNOB, HANDLEBAR	2	
8	923199	SCREW, SHC 8-32 X 1-1/4	2	
9	574002	CAM CLEAT	1	
10	35359	TERMINAL,FEM-SMALL 16-18 GA	2	
11	405002	CORD, LIGHT-EXTENDABLE	1	
12	2532	LIGHT ASSY., RECTANGULAR COMP.	1	
13	560017	GRIP HANDLE BAR	2	
14	0655	SCREW, HHC 5/16-18" X 3/4	1	
15	933241	WASHER, FLAT SAE 5/16 GRD 9 YZ	2	
16	120244	MOUNT CAM	1	

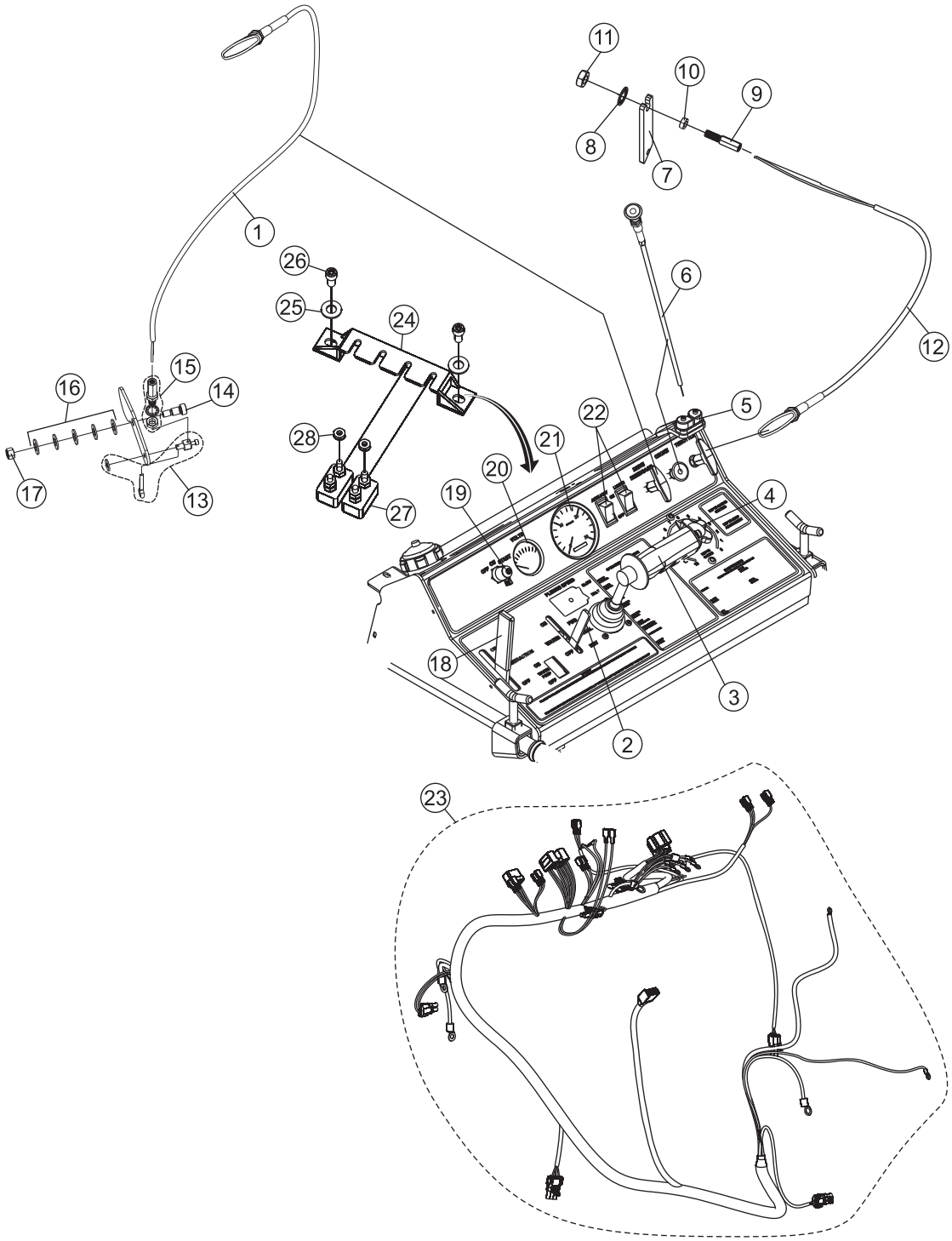
Front/Rear Pointer Assy.



Front/Rear Pointer Assy.

NO	PART NO	PART NAME	QTY.	REMARK
1#	120045	RIGHT SIDE POINTER	1	
2#	120046	LEFT SIDE POINTER	1	
3#	25832	ROPE ASSY., FRONT POINTER	1	
4#	110044	POINTER, FRONT 17-1/4"	1	
5#	15503	KNOB, COMFORT GRIP STAR, 3/8-16 X 1	1	
6#	500005	WHEEL, POINTER 6 X 1	1	
7#	160004	AXLE, POINTER WHEEL	1	
8#	582008	BUSHING, FLANGE,1 OD X 3/4 ID	4	
9#	966166	PIN, CLEVIS 3/4 X 2	2	
10#	965105	PIN, COTTER 5/32 X 1-1/2PLTD	2	
11#	933241	WASHER, FLAT SAE 5/16 GRD 9 YZ	2	
12#	0202	SCREW, HHC 5/16-18 X 1 ZINC	2	
13#	926006	SCREW, SQHS, CP 1/4-20 X 1/2	2	
14#	1493	SCREW, HHC 3/8-16 X 3.25	1	
15#	10133	NUT, NYLOC 3/8-16	1	
16#	1456	NUT, HEX FINISH 3/8-16	2	
17#	3233	WASHER, FENDER, 1.5OD X 3/8ID	2	
18#	933244	WASHER, FLAT SAE 1/2 " GRD 9 YZ	2	
19	M10005	FRONT POINTER ASSY.....	1	INCLUDES ITEMS W/#
20	110020	POINTER, REAR	1	
21	0205	SCREW, HHC 3/8-16 X 1 ZINC	2	

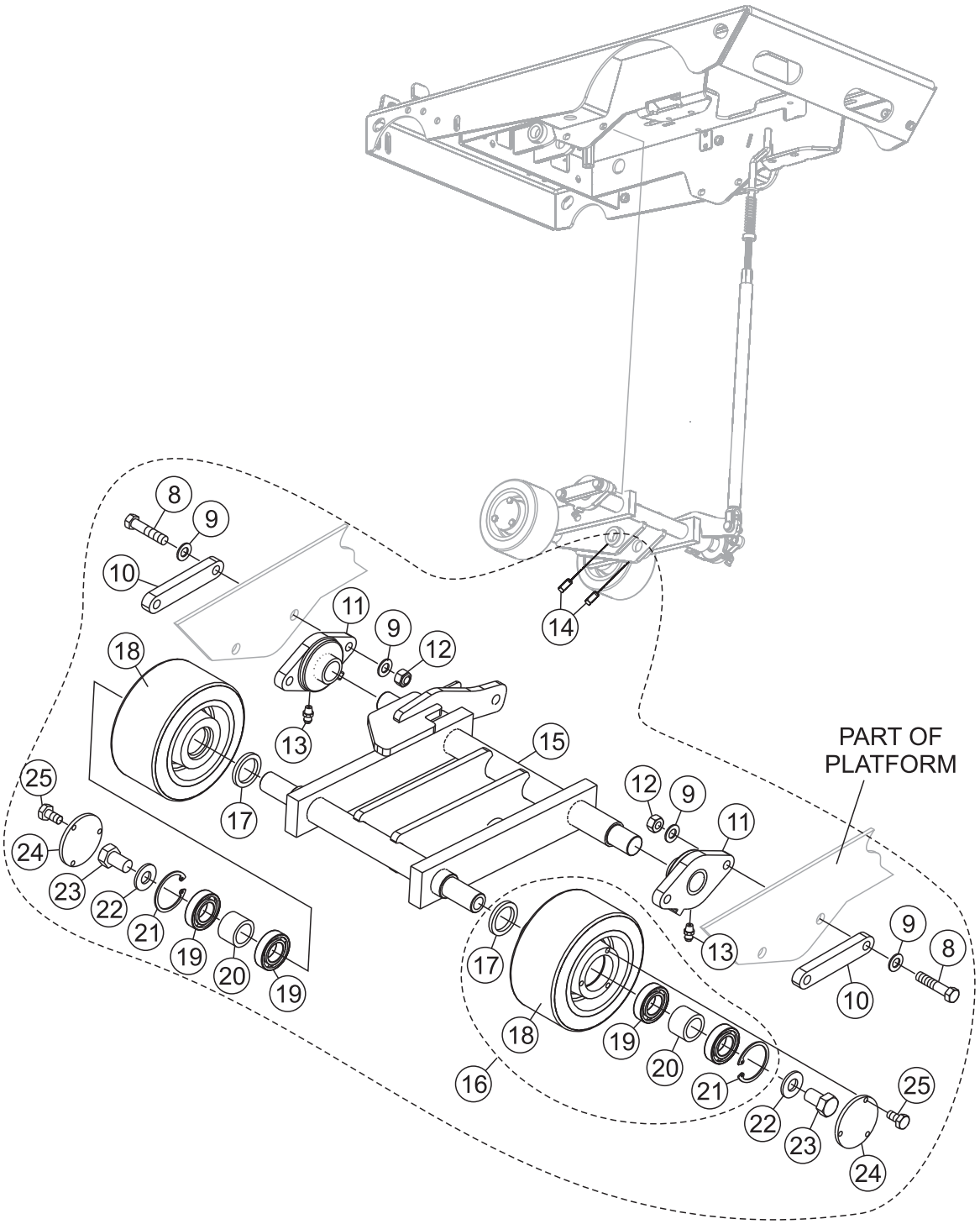
Gauges and Controls Assy.



Gauges and Controls Assy.

NO	PART NO	PART NAME	QTY.	REMARK
1	15171	CABLE PULL	1	
2	446004	VALVE, WATER FLOW CONTROL	1	
3	25627	F-N-R CONTROL ASSY.	1	
4	560025	KNOB, COMFORT GRIP	1	
5	574002	CAM CLEAT	1	
6	15481	CABLE, CHOKE 45"	1	
7	120210	MOUNT THROTTLE CABLE	1	
8	TBD	WASHER	1	
9	25634	BULK HEAD ADAPTER	2	
10	TBD	NUT	2	
11	TBD	NUT	2	
12	15171	CABLE, PULL THROTTLE	1	
13	584028	PIVOT END, CABLE	1	
14	926327	SCREW SHDLR	1	
15	25634	BULK HEAD ADAPTOR	1	
16	933242	WASHER FLAT SAE	5	
17	5283	NUT, NYLOC 5/15	1	
18	35174	POSITRACTION UPPER LEVER ASSY.	1	.....SEE POSITRACTION ASSY.
19	406001	SWITCH, IGNITION	1	
20	423000	VOLT METER	1	
21	421000	TACHOMETER	1	
22	406000	SWITCH, ROCKER	2	
23	35125	HARNESS, WIRING	1	
24	406012	MOUNTING BAR, CIRCUIT BREAKER	1	
25	933241	WASHER, FLAT SAE 5/16 GRD 9 YZ	2	
26	923201	SCREW, SHC 1/4-20 X 1/2	2	
27	406019	CIRCUIT BREAKER, 10 AMP	2	
28	25935	NUT, HEX 10-32 W/STAR WASHER	2	

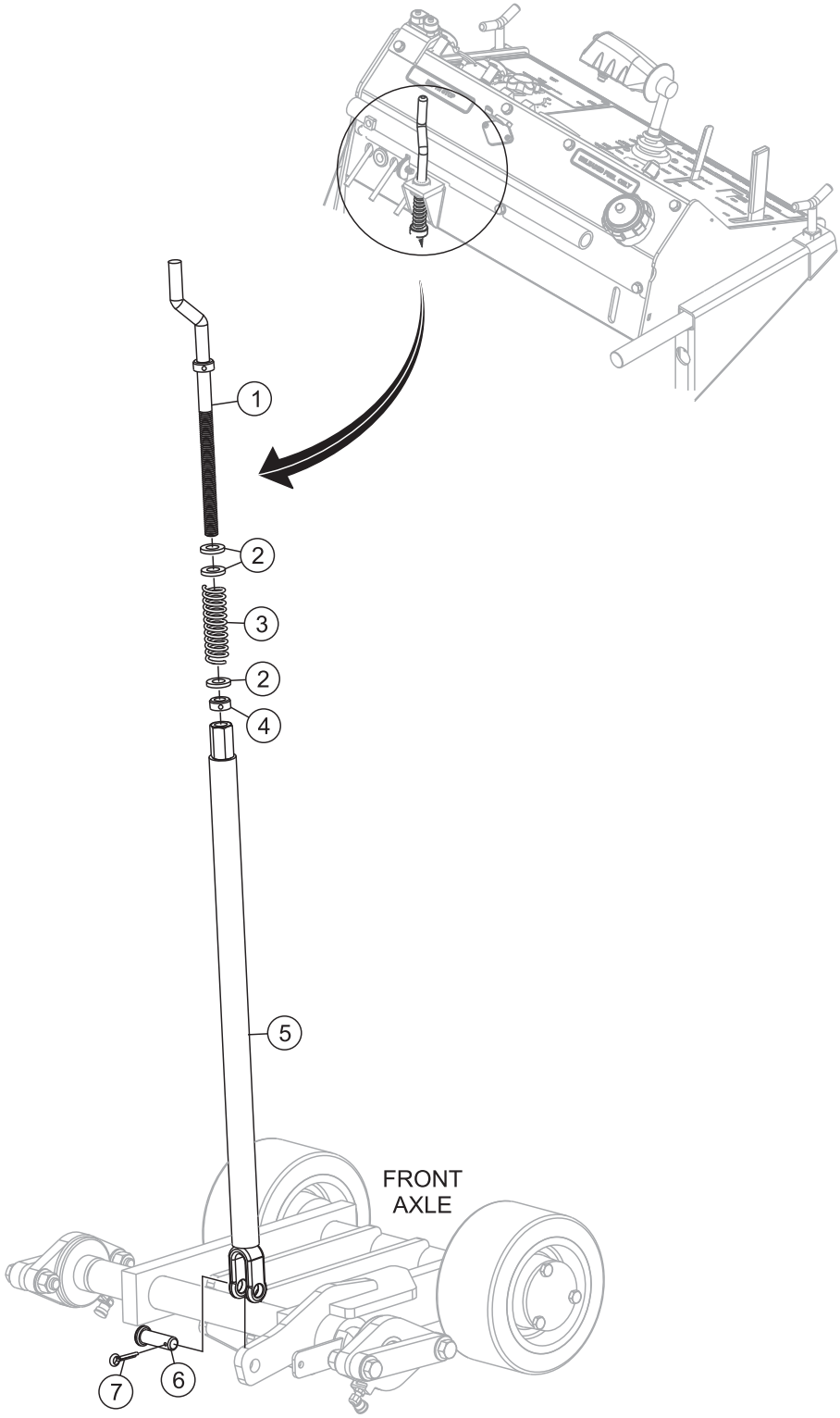
Front Axle Assy.



Front Axle Assy.

NO	PART NO	PART NAME	QTY.	REMARK
8	913161	SCREW, HHC 7/16-14 X 2	4	
9	933243	WASHER, FLAT SAE 7/16	8	
10	100005	BEARING BACKING PLATE	2	
11	460006	BEARING, FLANGED, 1"	2	
12	16677	NUT, LOCK NUT, NYLOC 7/16	4	
13	2621	FITTING, GREASE ZERK STR	2	
14	926064	SCREW, SQHS, CP	2	
15	16010-1	FRONT AXLE	1	
16	25839	FRONT WHEEL ASSEMBLY	2	INCLUDES ITEMS W/#
17#	485002	SEAL	2	
18#	500003	WHEEL, FRONT 3" X 6"	2	
19#	460002	BEARING	4	
20#	M508006	SPACER	2	
21#	576003	SNAP RING	2	
22	933246	WASHER, FLAT SAE 5/8	2	
23	06505-008	SCREW, HHC 5/8-11 X 1.00	2	
24	508005	COVER, WHEEL, FRONT	2	
25	1579	SCREW, HHC 1/4-20 X 1/2	6	

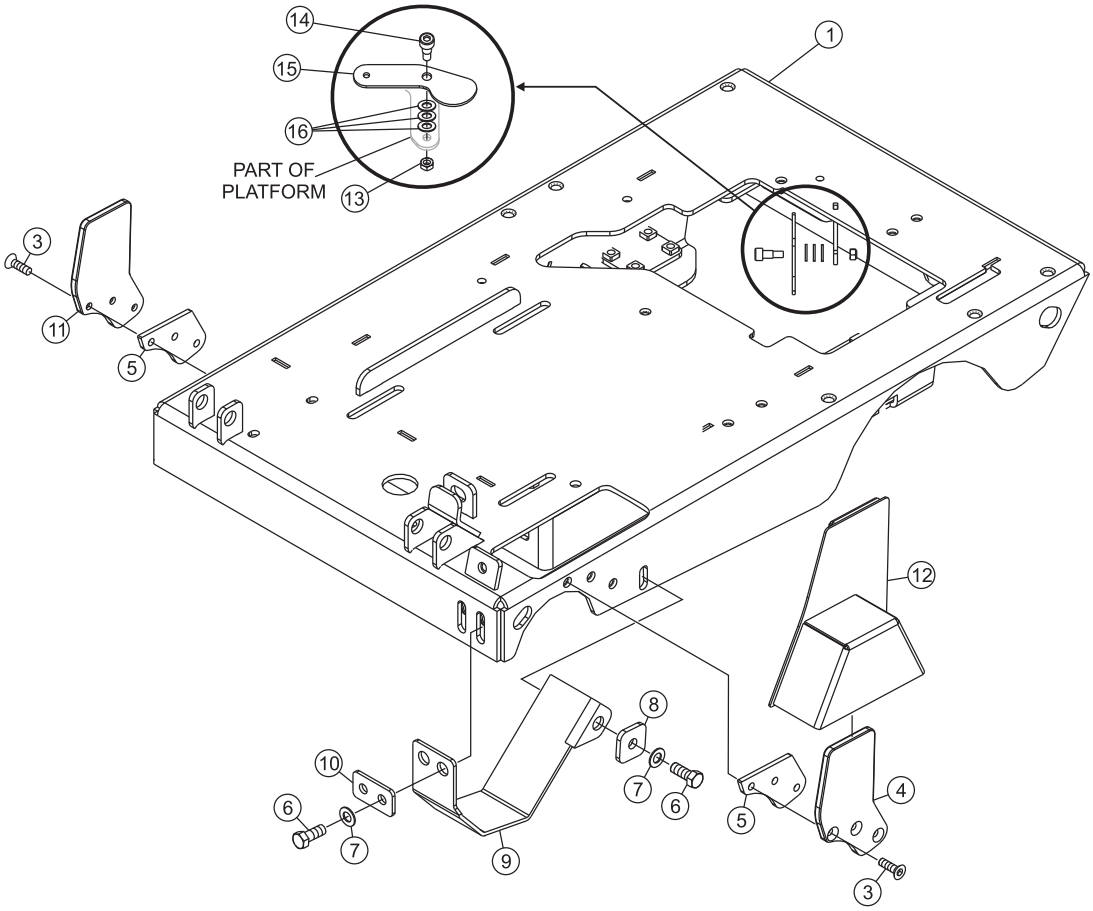
Depth Stop Assy.



Depth Stop Assy.

NO	PART NO	PART NAME	QTY.	REMARK
1	35120	DEPTH STOP LEAD SCREW	1	
2	933244	WASHER, FLAT SAE 1/2	3	
3	565002	SPRING, COMPRESSION, 7/8	1	
4	582009	COLLAR, SET .50 ID	1	
5	442014	DEPTH STOP LINKAGE	1	
6	19974	PIN, CLEVIS 1/2 X 1.25 EFFECT	1	
7	965103	PIN, COTTER 5/32 X 1 PLTD	1	

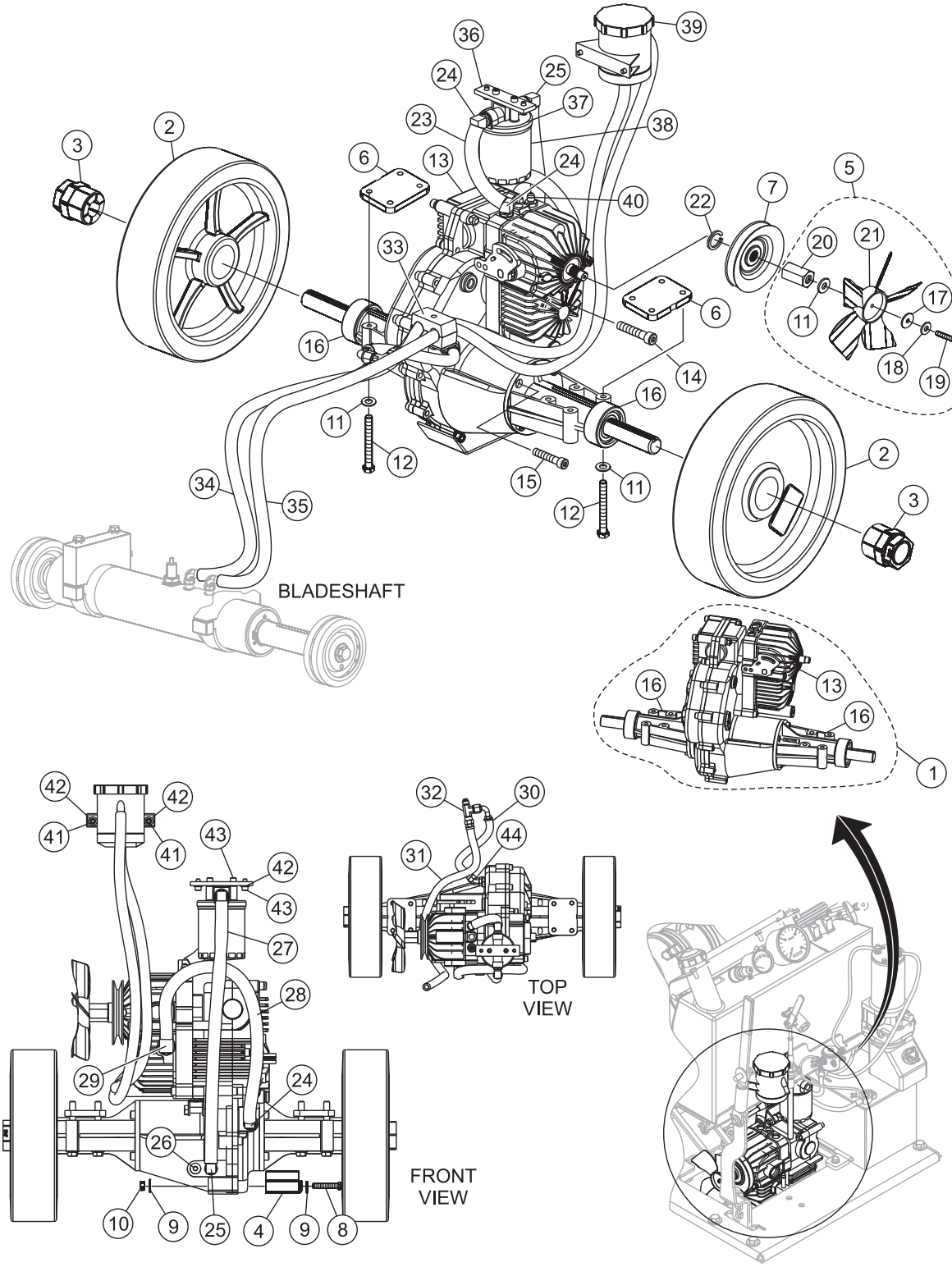
Platform Assy.



Platform Assy.

NO	PART NO	PART NAME	QTY.	REMARK
1	25807	PLATFORM	1	
3	924287	SCREW, FHSC, 3/8-16 X 1-1/4,NP	6	
4	120038	CLIP, MOUNT,BLADEGUARD	1	
5	120040	SPACER, BLADEGUARD CLIP, .25 THICK	2	
6	3214	SCREW, HHC 1/2-13 X 1 1/4	3	
7	933244	WASHER, FLAT SAE 1/2 GRD 9 YZ	3	
8	583092	WASHER, LOWER BELT PROTECTOR	1	
9	25837	GUARD, LOWER BELT PROTECTOR	1	
10	25820	WASHER, STRAP LOWER BELT PROTECTOR	1	
11	120092	CLIP, RH BLADE GUARD MOUNT	1	
12	M200000	GUARD, BLADE COLLAR - SLATE GREY	1	
13	5283	NUT, NYLOC 5/16-18	1	
14	926327	SCREW, SHSHLDR, 5/16-18X1/2	1	
15	448002	LEVER, CAM	1	
16	933242	WASHER, FLAT SAE 3/8 GRD 9 YZ	3	

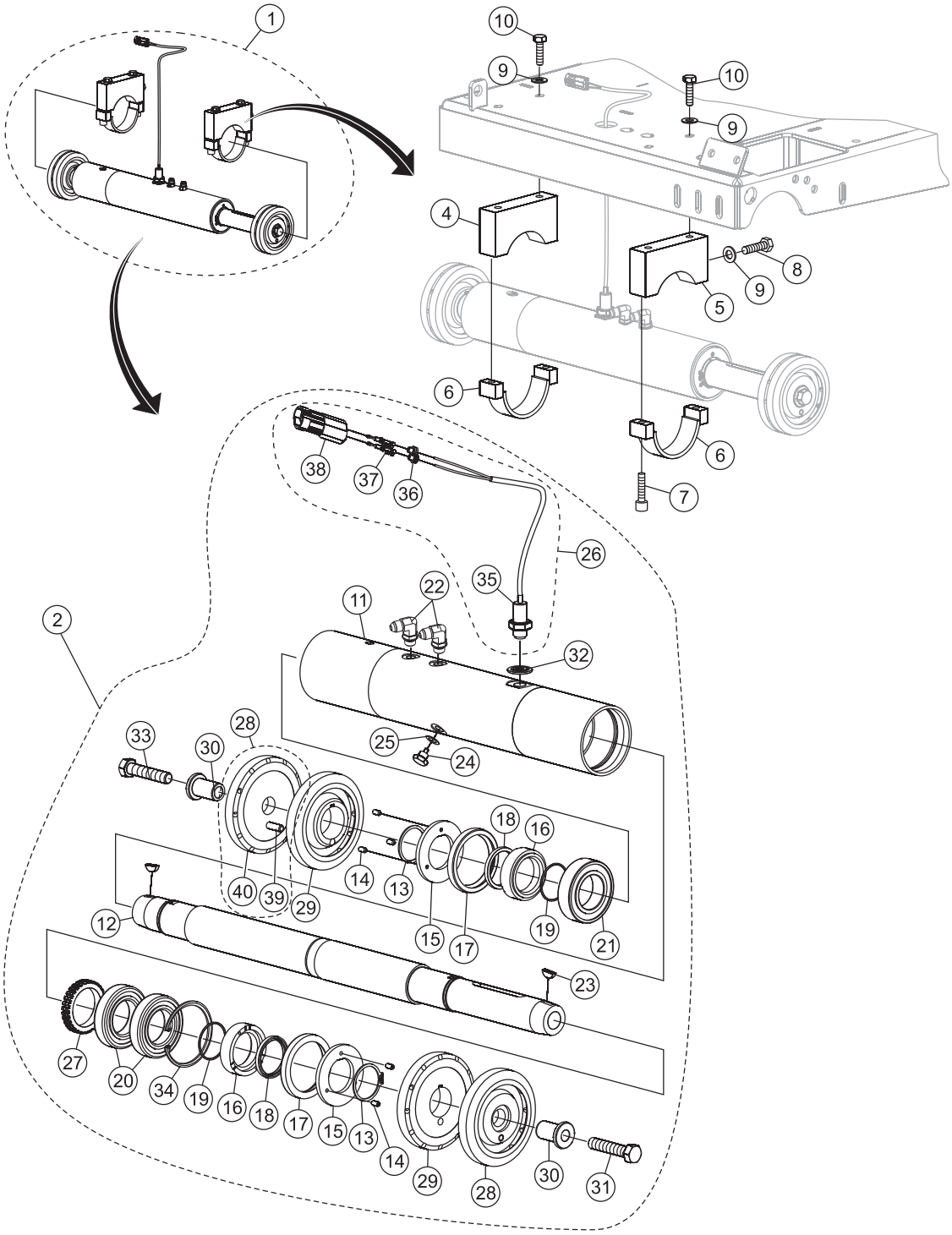
Drive Assy.



Drive Assy.

NO	PART NO	PART NAME	QTY.	REMARK
1	263002	TRANSAXLE ASSY.	1	INCLUDES ITEMS W/%
2	35325	WHEEL, POLY-11X3	2	REPLACES P/N 500011
3	582038	BUSHING, 1.0” TRANSTORQUE KEYLESS	2	
4	206005	SKID PLATE, TRANSAXLE	1	
5	35190	FAN ASSY.	1	INCLUDES ITEMS W/#
6	120078	BACKING PLATE, SAW TRANSAXLE	2	
7	540033	PULLEY, 4.13 X A X 18 TOOTH SPLINE	1	
8	06500-020	SCREW, HHC 5/16-18X2-1/2	2	
9	933241	WASHER, FLAT SAE 5/16 GRD 9 YZ	4	
10	5283	NUT, NYLOC 5/16-18	2	
11#	933242	WASHER, FLAT SAE 3/8 GRD 9 YZ	8	
12	1493	SCREW, HHC 3/8-16X3.25	8	
13%	BDU-10L-122	PUMP MOTOR SUNSTRAND	1	
14	25495	SCREW, HHC 5/16-18X4-1/2	3	
15	0202	SCREW, HHC 5/16-18X1 ZINC	6	
16%	35151	MOUNTING HORN, AXLE	2	
17#	933201	WASHER, FENDER 3/16X3/4 ZINC	1	
18#	933072	WASHER, FLAT SAE #8 ZINC	1	
19#	923118	SCREW, SHC 8-32X1 NP	1	
20#	583064	STAND-0FF, 1.00 HEX X 1.483	1	
21#	384001	FAN, 5-BLADE	1	
22	25623	CIRCLIP, RETAINER	1	
23	35019	HOSE, 1/2 ID PUSHLOCK 250 PSI, 6"	1	
24	370192	FITTING, 45 8BEAD SHORT-6MO	3	
25	370162-1	FITTING, 90 8BARB - 6MO	2	
26	368699	FITTING, PLUG 6MO HEX SKT HD	1	
27	35054	HOSE, 1/2 ID PUSHLOCK 250 PSI, 22.25"	1	
28	25976	HOSE, 1/2 ID PUSHLOCK 250 PSI, 18.5"	1	
29	35226	FITTING, 90 8 BEADED HOSE X 10MO	1	
30	35050	HOSE ASM, 8.25" #6LP w/35253/370674	1	
31	35051	HOSE ASM, 32.85" #6LP w/ 368103	1	
32	366692	FITTING, TEE RUN 6MJ - 6MJ - 6FJ	1	
33	570053	CLAMP ASM, WELD, #6 DOUBLE HOSE	1	
34	35049	HOSE ASM, 22.75" #6LP w/ 370674/370674	1	
35	35048	HOSE ASM, 54.9" #6LP w/ 370674	1	
36	120260	PLATE, HYDRAULIC OIL FILTER ADAPTER	1	
37	25617	FILTER HEAD, TRANSAXLE	1	
38	306006	FILTER, TRANSAXLE	1	
39	144003	RESERVOIR, HYDRAULIC OIL	1	
40	367470	FITTING, STR 4MJ - 6MO	1	
41	923200	SCREW, SHC 1/4-20 X 3/8 NP	2	
42	933076	WASHER, FLAT SAE #12 ZINC	4	
43	923201	SCREW, SHC 1/4-20 x 1/2	4	
44	11780	FITTING, 45 6MJ-6MO	1	

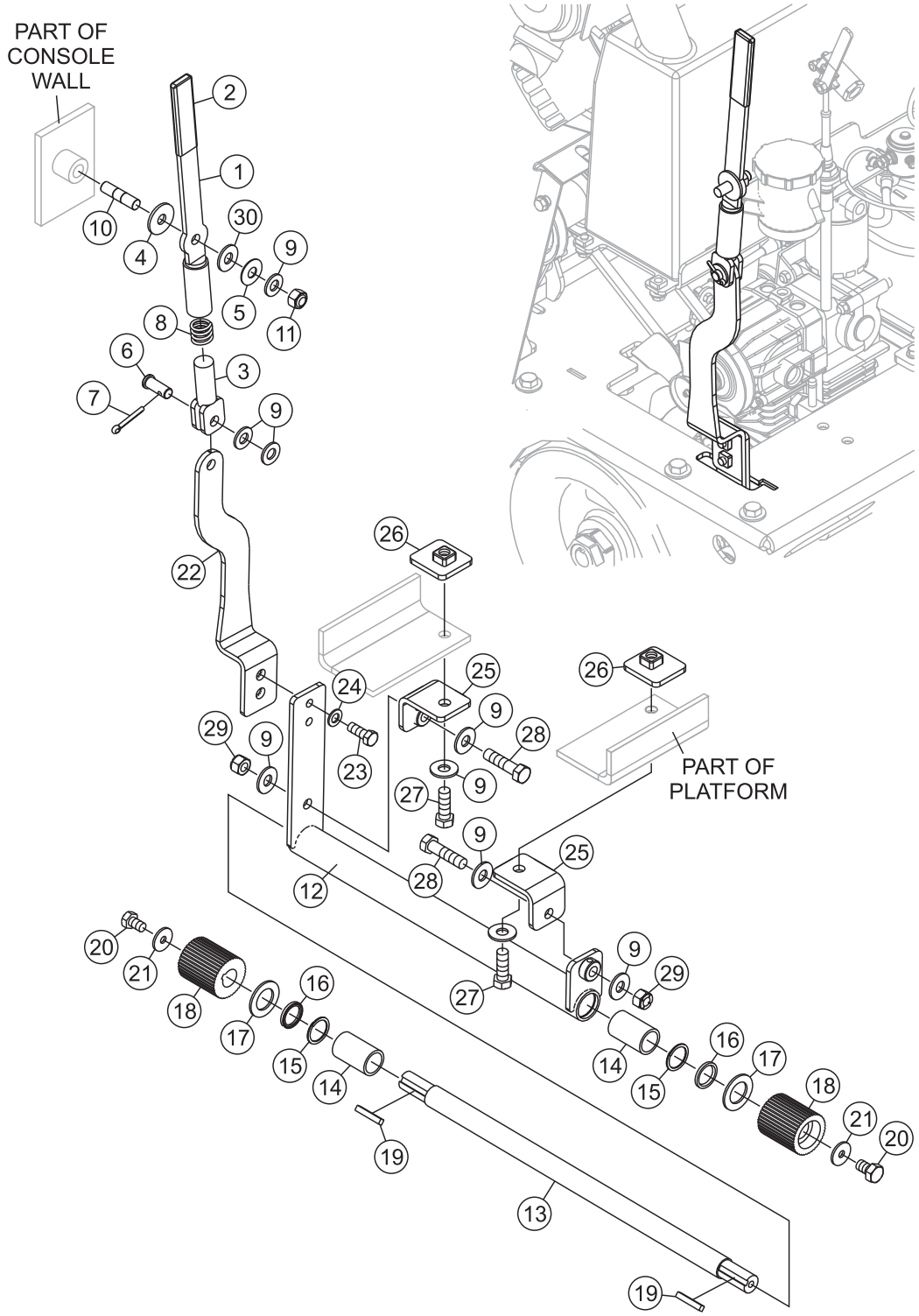
Bladeshaft and Mounting Assy.



Bladeshaft and Mounting Assy.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	35270	BLADESHAFT AND MOUNTING GROUP	1	.....INCLUDES ITEMS W/#
2#	25840	BLADESHAFT ASSY. W/TACH P/U	1	.....INCLUDES ITEMS W/%
4#	25842	MOUNTING BLOCK, BLADESHAFT	1	
5#	120220	MOUNTING BLOCK, BLADESHAFT W/PIN	1	
6#	120221	SADDLE CLAMP 1.50X4.00 BLADESHAFT	2	
7#	923357	SCREW, SHC 7/16-14 X 1-1/4, NP	4	
8#	16530	SCREW, HHC 7/16-14 X 1	2	
9#	933243	WASHER, FLAT SAE 7/16 GRD 9 YZ	6	
10#	06502-010	SCREW, HHC 7/16-14 X 1-1/4	4	
11#%	25841	HOUSING, SINGLE SPEED W/TACH	1	
12#%	162000	BLADE SHAFT	1	
13#%	576005	SNAP RING, SH-156	2	
14#%	10138	SCREW, SHS,1/4-20 X 1/2, NP	6	
15#%	486000	WASHER, THRUST	2	
16#%	485001	SLEEVE, BLADE SHAFT SEAL	2	
17#%	480001	SEAL, OIL CR# 26110	2	
18#%	480002	SEAL, OIL CR# 16022	2	
19#%	578129	O-RING, SIZE 2-129 BUNA 70	2	
20#%	460008	BEARING, 7208BGC3	2	
21#%	460004	BEARING, CYLINDRICAL NU2208RC3	1	
22#%	11722	FITTING, 90 6MJ-6M0	2	
23#%	969314	KEY, WOODRUFF, #61, 3/16" X 5/8"	2	
24#%	583026	DRAIN PLUG, MAGNETIC, 1/2-20	1	
25#%	577009	GASKET, DRAIN PLUG	1	
26#%	35254	SENDER ASM, TACHOMETER SIGNAL GENERATOR	1	.....INCLUDES ITEMS W/+
27#%	35077	GEAR, SAW BLADE SHAFT SPEED PICKUP	1	
28#%	180001	COLLAR ASSY., OUTER BLADE SHAFT	2	.....INCLUDES ITEMS W/@
29#%	180000	COLLAR, INNER BLADE SHAFT	2	
30#%	582012	BUSHING, QUICK DISCONNECT BLADE SHAFT	2	
31#%	915315	SCREW, HHC 5/8-11X3 GR8	1	
32#%	25695	WASHER, SEALED 3/4"	1	
33#%	915316	SCREW, HHC 5/8-11X3 LH GR8	1	
34#%	576002	SNAP RING, VH0-315	1	
35#%+	421001	GENERATOR, TACHOMETER SIGNAL	1	
36#%+	12171	SEAL, WEATHERPACK 16-18 GA, GREEN	2	
37#%+	12179	TERMINAL, WEATHERPACK MALE 14-16 GA	2	
38#%+	12176	CONNECTOR, WEATHERPACK 2 MALE PIN	1	
39#%+@	980705	PIN, DOWEL 3/8 X 1-1/4"	4	
40#%+@	180001-1	COLLAR, BLADE OUTSIDE	2	

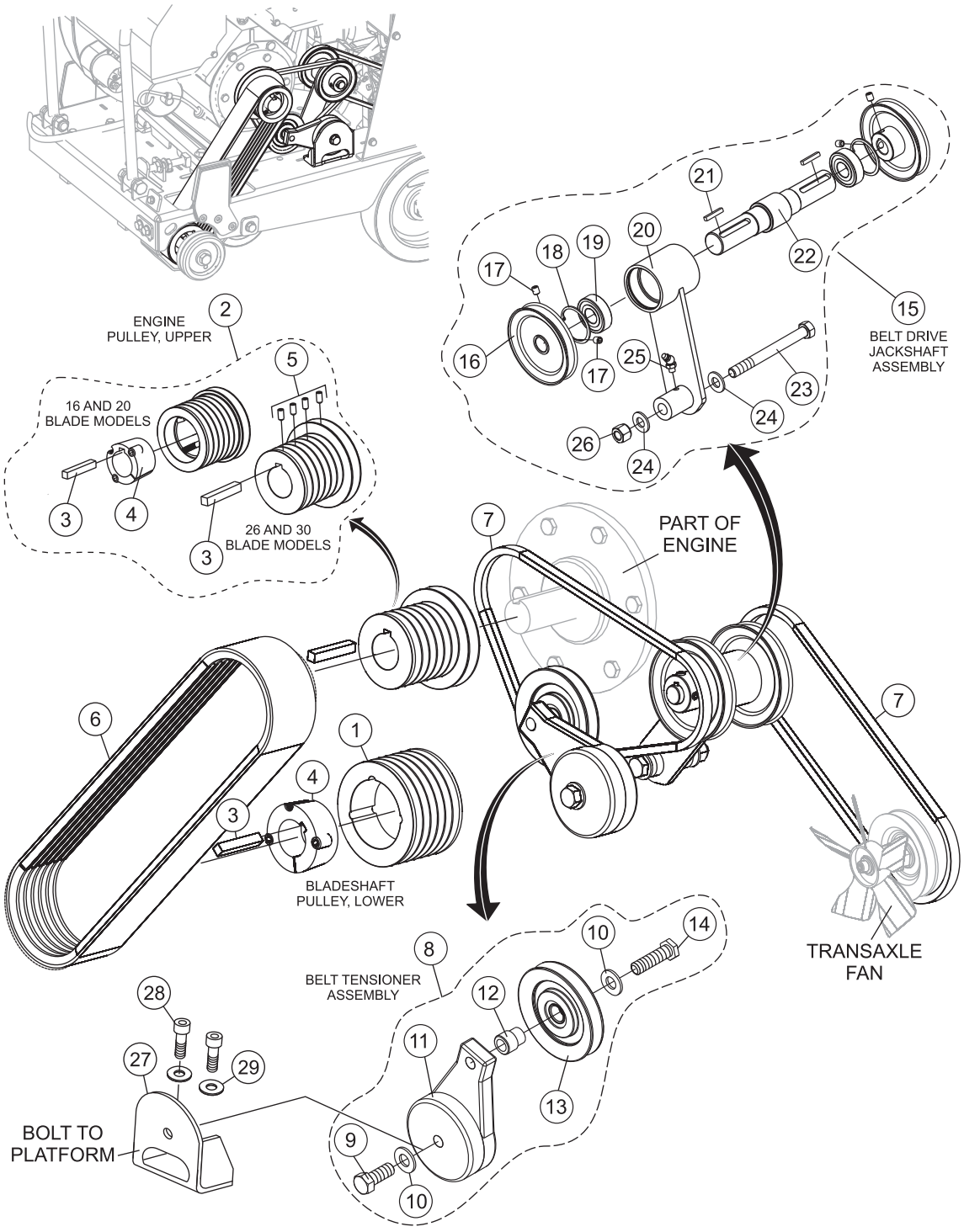
Positraction Assy.



Positraction Assy.

NO	PART NO	PART NAME	QTY.	REMARK
1	442019	POSITRACTION ACTUATOR LEVER	1	
2	560026	COVER, HANDLE FLAT RED	1	
3	442020	LEVER CONNECTOR	1	
4	933015	FRICTION DISC, 1-1/2" X 1/2" X 1/8"	1	
5	933073	WASHER, BELLVIEW 1/2 X 1-1/4	1	
6	19974	PIN, CLEVIS	1	
7	965103	PIN, COTTER 5/32 X 1 PLTD	1	
8	565003	SPRING, COMPRESSION	1	
9	933244	WASHER, FLAT SAE 1/2 GRD 9 YZ	9	
10	25673	STUD, 1/2-13 X 2"	1	
11	938064	LOCKNUT, TOP 1/2-13 YZ	1	
12	168005	POSI-TRACTON AXLE TUBE	1	
13	160012	SHAFT, POSITRACTION DRIVE	1	
14	460020	BEARING, COMPOSITE SLEEVE	2	
15	576012	SNAP RING SPIRAL	2	
16	480003	SEAL	2	
17	583054	SHIM, ARBOR- 1X1-1/2 X .093	2	
18	242000	HUB, POSITRACTION DRIVE	2	
19	15207	KEY, 1/4 SQ X 1.5	2	
20	0655	SCREW, HHC 5/16-18 X 3/4	2	
21	35147	WASHER, FLAT .375 I.D. X 1" O.D. X .125	2	
22	442018	POSI-TRAC LOWER CONNECTION LEVER	1	
23	915105	SCREW, HHC 3/8-16 X 1.0 GRD8	2	
24	933242	WASHER, FLAT SAE 3/8 GRD 9 YZ	2	
25	125035	BRACKET, ANGLE POSI TRAC	2	
26	120080	PLATE, CLAMPING, POSI TRAC	2	
27	5218	SCREW, HHC 1/2-13 X 1 1/2	2	
28	6159A	SCREW, HHC 1/2-13 X 2	2	
29	10176	NUT, NYLOC 1/2-13	2	
30	933225	WASHER, FENDER 1/2 X 1-1/2 ZINC	1	

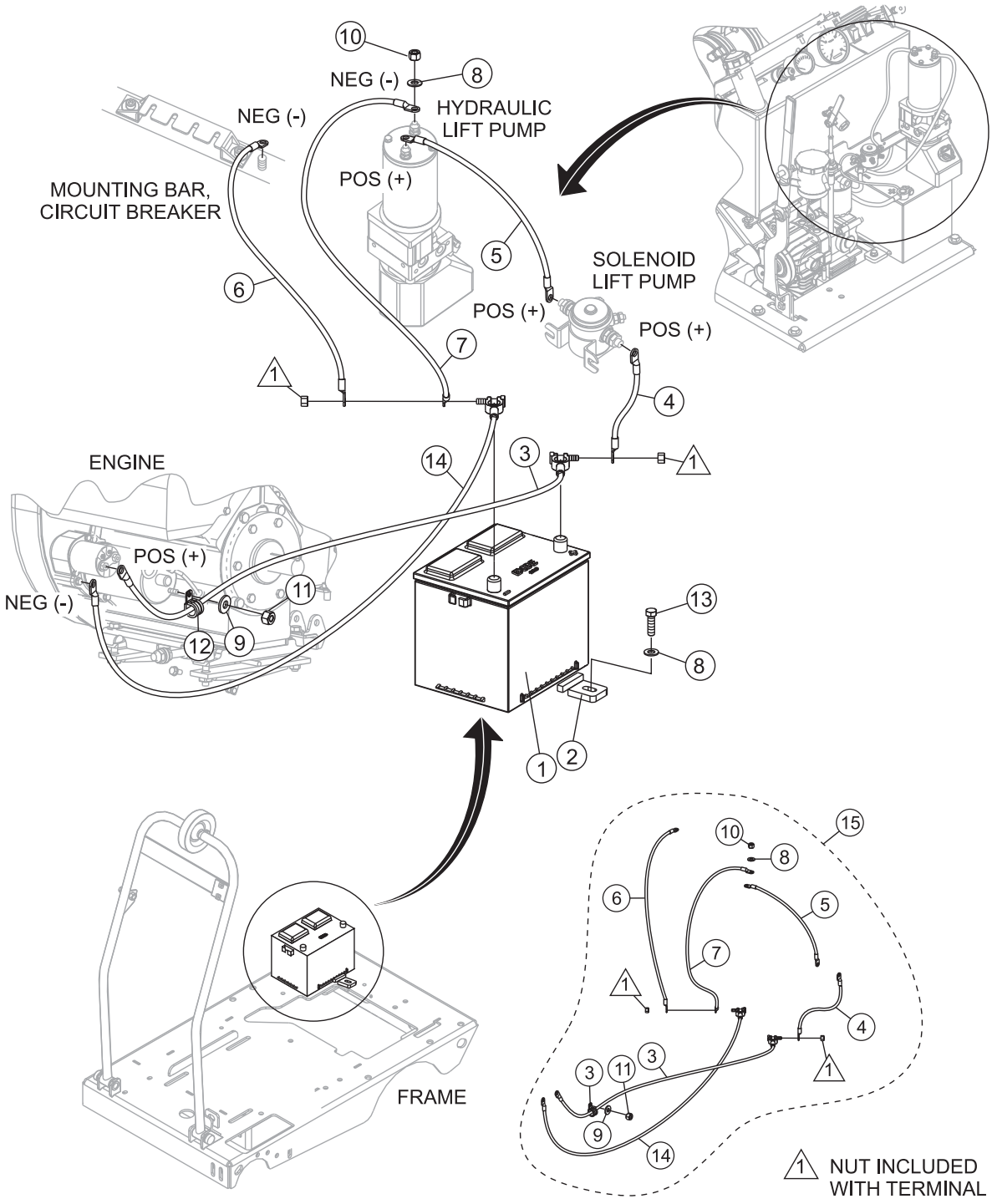
Pulley and V-Belt Assy.



Pulley and V-Belt Assy.

NO	PART NO	PART NAME	QTY.	REMARKS
1	540006	PULLEY, BLADESHAFT 3.8 6G 3VX1615	1	16" BLADE
1	540066	PULLEY, BLADESHAFT 4.0 6G 3VX2012	1	20" BLADE
1	540065	PULLEY, BLADESHAFT 4.2 6G 3VX2012	1	26" BLADE
1	540049	PULLEY, BLADESHAFT 4.4 6G 3VX1615	1	30" BLADE
2	540000	PULLEY, ENGINE 3.8 6G 3VX4.01A	1	16" BLADE
2	540070	PULLEY, ENGINE 3.8 6G 3VX5.01A	1	20" BLADE
2	540012	PULLEY, ENGINE 3.0 6G 3VX4.01A	1	26" AND 30" BLADE
3	582013	KEY, 3/8" X 3/8" SQ X 2-1/4"	1	
4	582028	BUSHING, TAPER-LOCK 1615 X 1-7/16	1	16" AND 20" BLADE, ENGINE SIDE
5	582020	BUSHING, TAPER-LOCK 1615 X 1-1/2	1	16" AND 30" BLADE, BLADESHAFT SIDE
5	460030	BUSHING, TAPER-LOCK 2012 X 1-1/2	1	20" AND 26" BLADE, BLADESHAFT SIDE
6	520006	V-BELT, 6 3 VX 425	1	ALL MODELS
7	521005	V-BELT, AX-31	2	ALL MODELS
8	25557	BELT TENSIONER ASSY.	1	INCLUDES ITEMS W/@
9@	3214	SCREW, HHC 1/2-13 X 1 1/4	1	
10@	933244	WASHER, FLAT SAE 1/2 GRD 9 YZ	2	
11@	448000	IDLER ARM, FENNER	1	
12@	544001	ADAPTOR, SHOULDER, FENNER DRIVE	1	
13@	540003	PULLEY, W/BRG. 4" A SECTION	1	
14@	25716	SCREW, MODIFIED 1/2-13 X 1 3/4	1	
15	13016	BELT DRIVE JACKSHAFT ASSY.	1	INCLUDES ITEMS W/$
16$	540030	PULLEY, 4.125 x .750 1A	2	
17$	925437	SCREW, SHS,CP 5/16-18 x 3/8	4	
18$	576003	SNAP RING - HO-185	2	
19$	460021	BEARING, ROLLER # 6204 2RS	2	
20$	25845	JACKSHAFT ARM	1	
21$	584013	KEY, 3/16 SQ x 1.0	2	
22$	167001	JACKSHAFT, SAW BELT DRIVE	1	
23$	10307	SCREW, HHC 1/2-13 X 5	1	
24$	933244	WASHER, FLAT SAE 1/2 GRD 9 YZ	2	
25$	960102	FITTING, GREASE ZERK STR 1/8 MP	1	
26$	10176	NUT, NYLOC 1/2-13	1	
27	120081	MOUNT, TENSIONER	1	
28	0205	SCREW, HHC 3/8-16 X 1	2	
29	933242	WASHER, FLAT SAE 3/8 GRD 9 YZ	2	

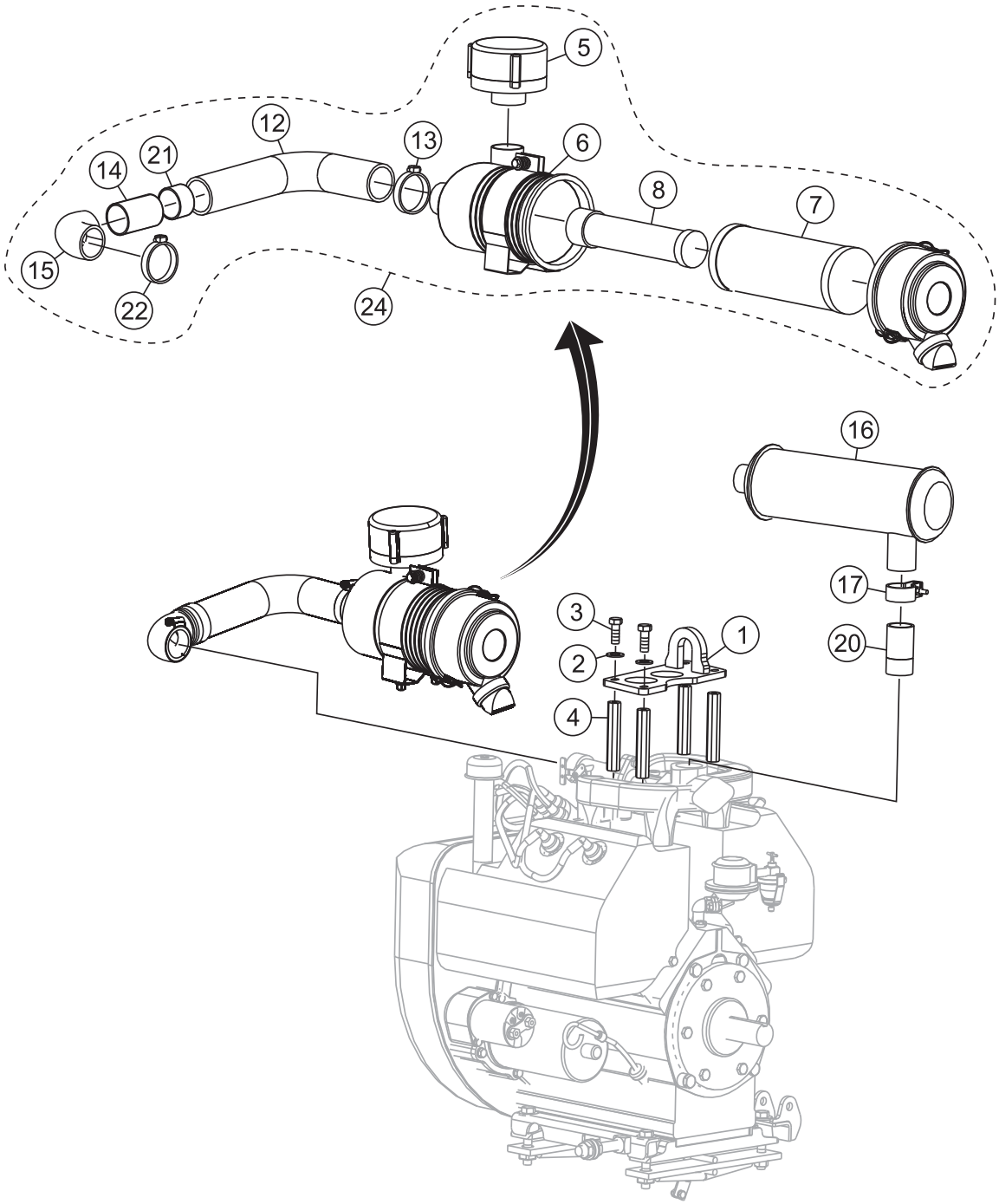
Battery Assy.



Battery Assy.

NO	PART NO	PART NAME	QTY.	REMARK
1	404000	BATTERY, GROUP 26R	1	
2	25838	MOUNT, BATTERY CLAMP	1	
3	19303	CABLE, BATTERY POS 4 GA X 48" POST	1	
4	TBD	CABLE, BATTERY POS	1	
5	16782	CABLE, 24" POS	1	
6	TBD	CABLE, BATTERY NEG	1	
7	12022	CABLE, BATTERY NEG 4 GA X 20" X 1/2"	1	
8	933242	WASHER, FLAT SAE 3/8 GRD 9 YZ	2	
9	933240	WASHER, FLAT SAE 1/4 GRD 9 YZ	1	
10	10133	NUT, NYLOC 3/8-16	1	
11	10024	NUT, NYLOC 1/4-20	1	
12	35023	CLAMP, LOOM CUSHIONED #10 .263 HOLE	1	
13	1023	SCREW, HHC 3/8-16 X 1 1/4 GR 5	1	
14	12278	CABLE, BATTERY NEG POST 4 GA X 32 X 3/8	1	
15	TBD	BATTERY CABLE KIT	1	

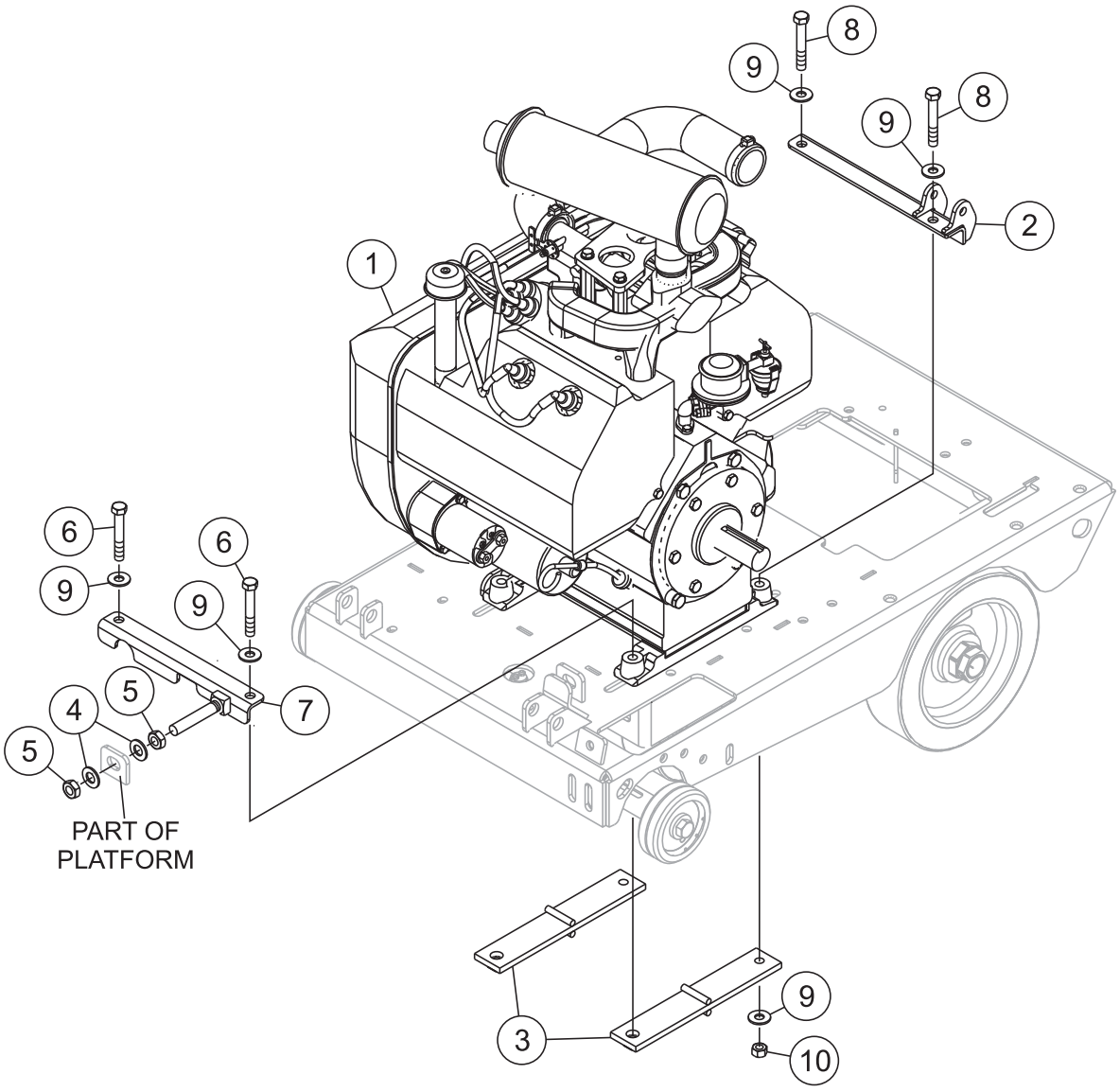
Engine Brackets Assy.



Engine Brackets Assy.

NO	PART NO	PART NAME	QTY.	REMARK
1	125034	LIFTING RING	1	
2	933242	WASHER, FLAT SAE 3/8 GRD 9 YZ	4	
3	915105	SCREW, HHC 3/8-16 X 1.0 GRD8	4	
4	125016-3	STANDOFF, LIFTING PLATE 35HP	4	
5#	282002	PREFILTER, ENGINAIRE 3" 2-20/150	1	
6#	300000	AIR FILTER HOUSING, ASM	1	
7#	300000-1	FILTER, AIR, ELEMENT, PRIMARY	1	
8#	300000-2	FILTER, AIR, ELEMENT,SAFETY	1	
12#	364002	HOSE, 2" 90 DEGREE	1	
13#	10434	CLAMP, HOSE WORM 1-9/16 TO 2.0 # 32	1	
14#	364003	COUPLER, HOSE INTAKE	1	
15#	364000	HOSE, 2" X 1 3/4" 90 DEGREE	1	
16	280000	MUFFLER, WISCONSIN 35, STANDARD	1	
17	2534	CLAMP, MUFFLER	1	
20	25719	NIPPLE, EXHUAST PIPE SCH 40	1	
21#	35098	CLAMP, HEAT SHRINK TUBING 2.5" - 2.75"	1	
22#	962015	CLAMP, HOSE #28 1-5/16X2-1/4	1	
24	35182	AIR INTAKE GROUP	1	..... INCLUDES ITEMS W/#

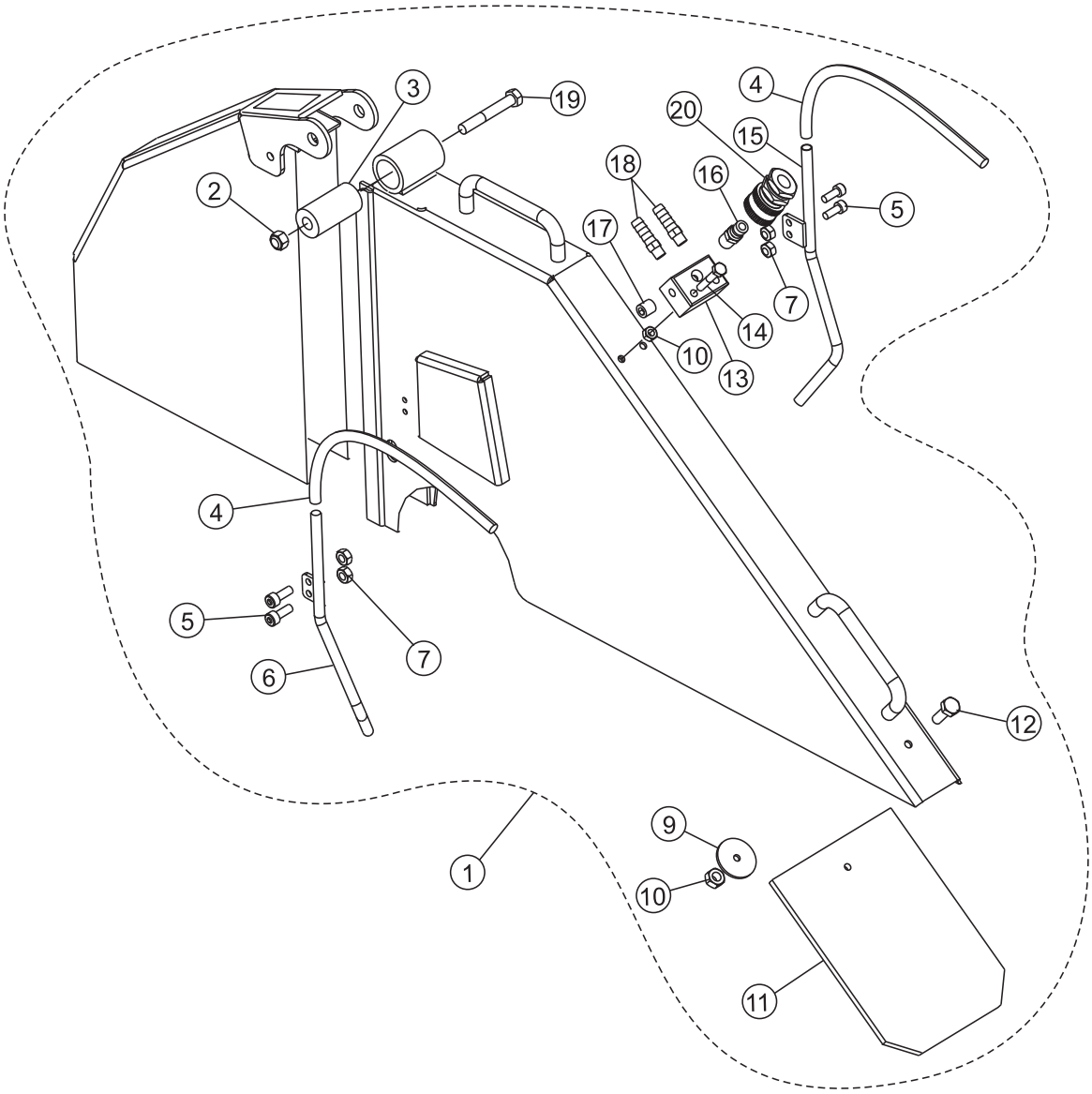
Engine Installation Assy.



Engine Installation Assy.

NO	PART NO	PART NAME	QTY.	REMARK
1	15500	ENGINE, WISCONSIN W41770-467438R	1	
2	25813	MOUNT, JACKSHAFT PIVOT ARM	1	
3	120079	MOUNT, MOTOR TENSIONER	1	
4	933246	WASHER, FLAT SAE 5/8 GRD 9 YZ	2	
5	4702	NUT, HEX FINISH 5/8-11	2	
6	06503-026	SCREW, HHC 1/2-13 X 3-1/4	2	
7	25836	MOUNT, ENGINE TENSIONING	1	
8	913217	SCREW, HHC 1/2-13 X 3 1/2 GR5 WZ	2	
9	933244	WASHER, FLAT SAE 1/2 GRD 9 YZ	8	
10	10176	NUT, NYLOC 1/2-13	4	

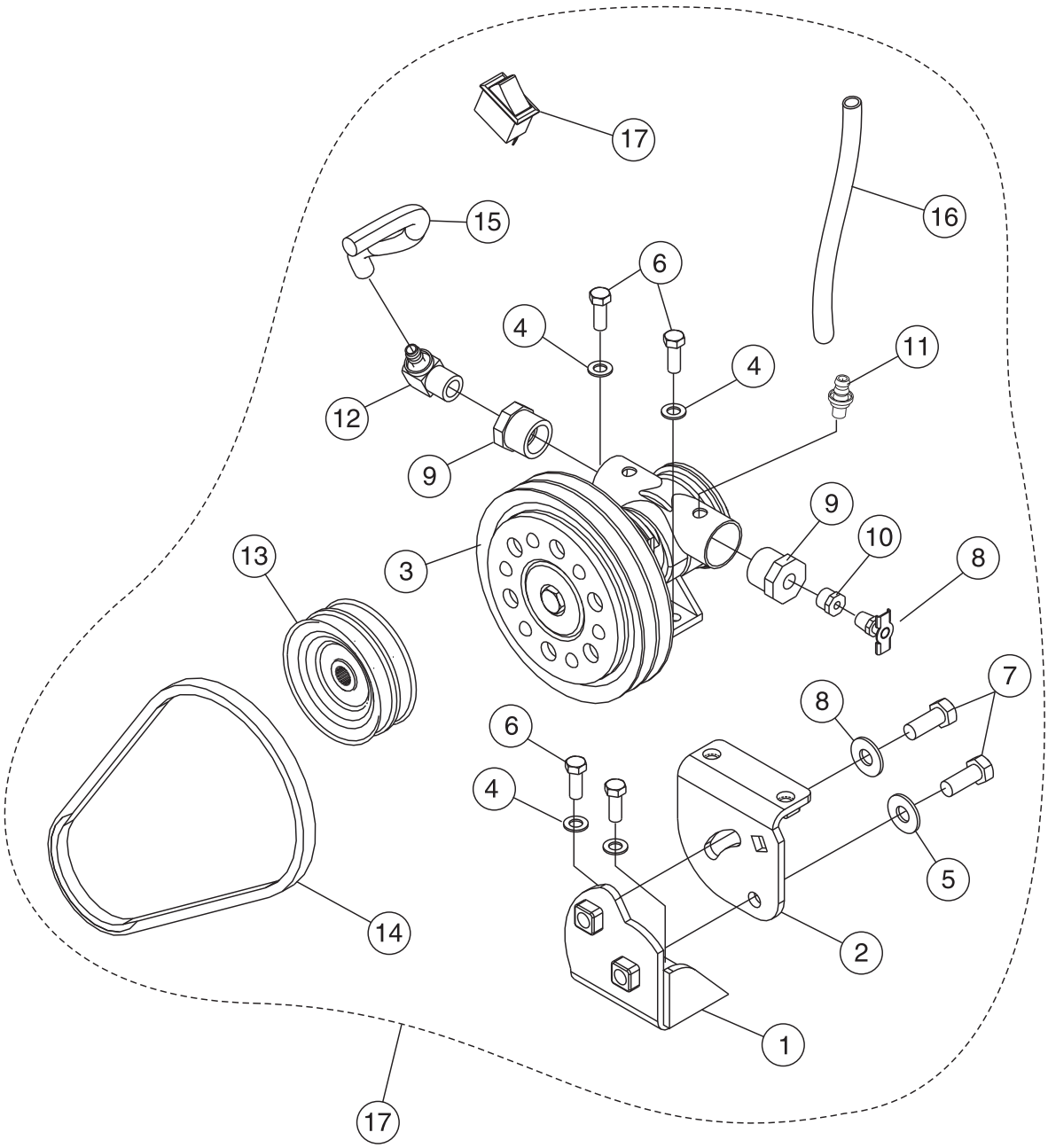
Bladeguard Assy.



Bladeguard Assy.

NO	PART NO	PART NAME	QTY.	REMARK
1	M18100	BLADE GUARD 16-INCH	1	
1	M18140	BLADE GUARD 20-INCH	1	
1	M18180	BLADE GUARD 26-INCH	1	
1	M18220	BLADE GUARD 30-INCH	1	
2	10176	NUT, NYLOCK	1	
3	582040	BUSHING, BLADE GUARD	1	
3	582039	BUSHING, BLADE GUARD	1	30-INCH ONLY
4	362000	HOSE, WATER #6LP	2	
5	923144	SCREW, SHC 10-24X12	4	
6	362003	TUBE, WATER, LH SIDE	1	
7	1618	NUT, NYLOCK 10-24	4	
9	933209	WASHER, FENDER 1/4" X1-1/2" ZINC	1	
10	10024	NUT, NYLOCK 1/4-20	3	
11	200019	FLAP, MUD	1	
12	0131 A	SCREW, HHC 1/4"-20 X3/4"	1	
13	445002	WATER MANIFILD	1	
13	445003	WATER MANIFILD	1	30-INCH ONLY
14	5277	SCREW, HHC 1/4"-20 X1-1/2"	2	
15	36002	TUBE, WATER, RH SIDE	1	
16	320010	FITTING, QD MALE SNAPTITE PHN4 1/4" MP	1	
17	2113	FITTING, PLUG 1/8" MP HEX SKT HD	1	
18	370455	FITTING, STR 6BARB-1/8" MP	2	
19	06503-026	SCREW, HHC 1/2-13 X3-1/4"	1	
19	06503-030	SCREW, HHC 1/2-13 X3-3/4"	1	
20	320009	FITTING, QD FEM SNAPTITE PHC4-4F	1	

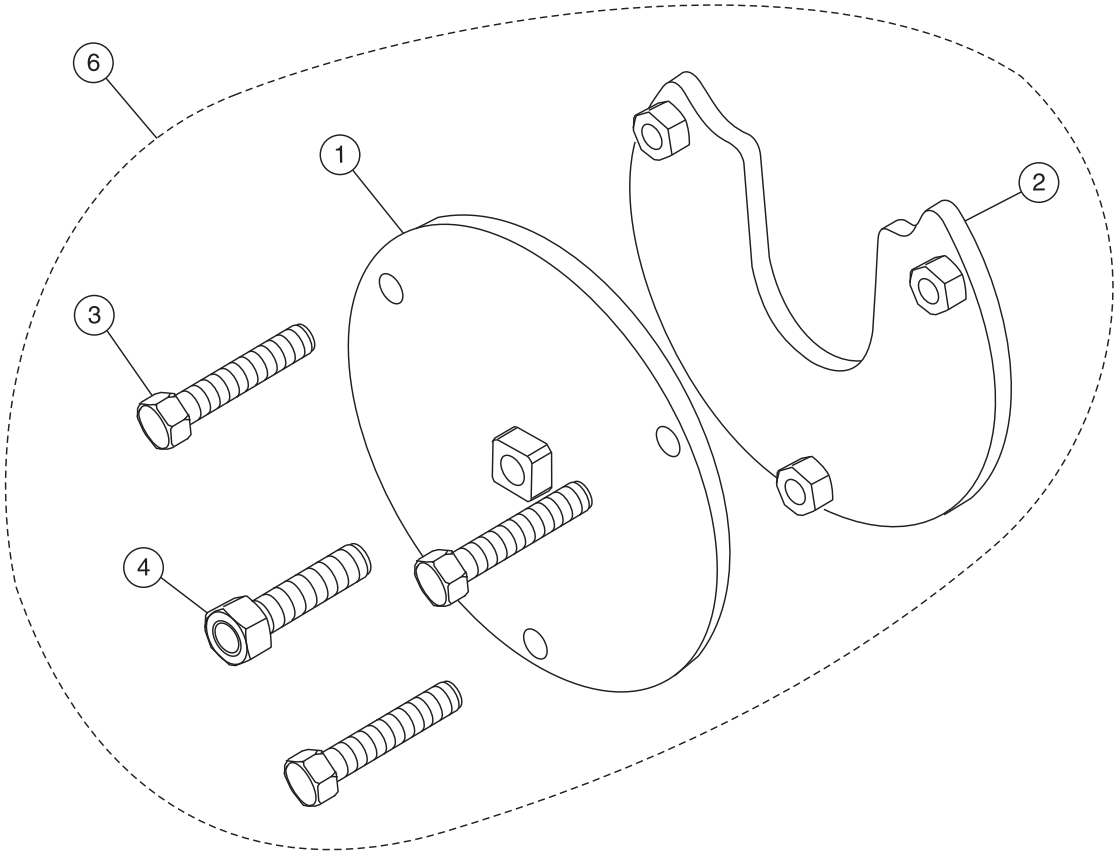
Optional Water Pump Kit Assy.



Optional Water Pump Kit Assy.

NO	PART NO	PART NAME	QTY.	REMARK
1	M18100	BLADE GUARD 16-INCH	1	
1	120084	DESCRIPTION	1	
2	120085	MOUNT, WATER PUMP	1	
3	342000	PUMP, WATER JABSCO	1	
4	933242	WASHER, FLAT SAE 3/8 GRD 9 YZ	4	
5	933244	WASHER, FLAT SAE 1/2 GRD 9 YZ	2	
6	205	SCREW, HHC 3/8-16 X 1.0	4	
7	16524	SCREW, HHC 1/2-13 X 1 1/4 GD 8	2	
8	369970	FITTING, PETCOCK RAD DRAIN 1/4MP	1	
9	366057	FITTING, BRASS 1/2FP-1MP	2	
10	366956	FITTING, BRASS 1/4FP-1/2MP	1	
11	25932	FITTING, BRASS 8 PUSH-ON-1/4MP	1	
12	25931	FITTING, 90 8BARB - 1/2 MP (4390-8-8)	1	
13	540032	PULLEY, 4.12 X 2G A	1	
14	521005	V BELT, AX-31 (GOODYEAR)	1	
15	35257	HOSE, 1/2 ID PUSHLOCK 250 PSI, 18"	1	
16	35258	HOSE, 1/2 ID PUSHLOCK 250 PSI, 13"	1	
17	406000	SWITCH, ROCKER, CH# M-58031-01	1	

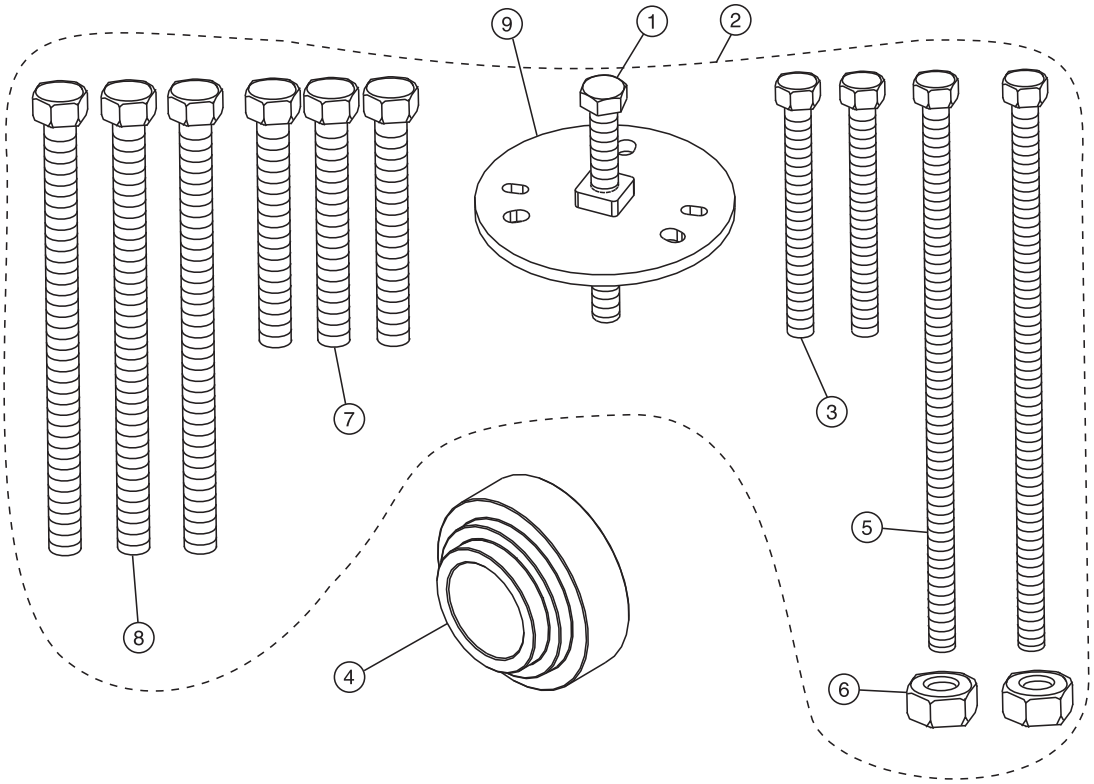
Collar Puller Assy.



Collar Puller Assy.

NO	PART NO	PART NAME	QTY.	REMARK
1#	584037	OUTER PULLER	1	
2#	584038	PLATE, PULLER	1	
3#	2549	SCREW, HHC 1/2-13 X 3	3	
4#	25138	SCREW, HHC 5/8-11 X 5 TAP	1	
5#	18503-I	COLLAR PULLER INSTRUCTION SHEET	1	
6	18503	COLLAR PULLER	1	INCLUDES ITEMS W/#

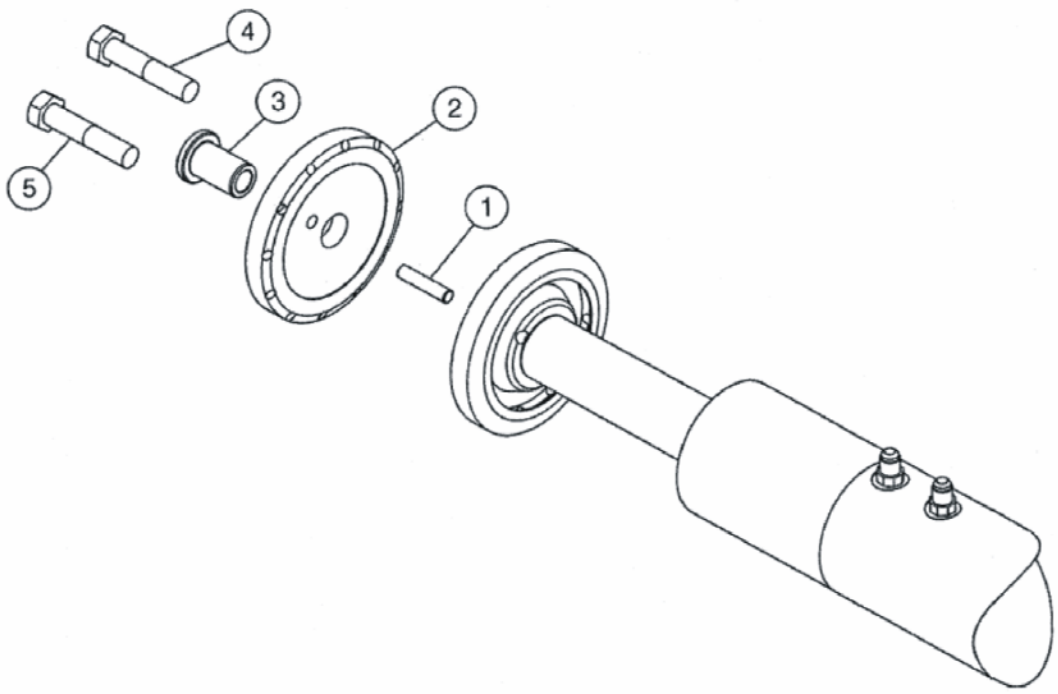
Seal Sleeve Puller/Seal Installation Tool



Seal Sleeve Puller/Seal Installation Tool

NO	PART NO	PART NAME	QTY.	REMARK
1#	35163	SCREW, HHC 3/8 – 16 X 4 FULL THREAD	1	
2	M18505	SEAL SLEEVE & THRUST WASHER PULLER ASM	1	INCLUDES ITEMS W/#
3#	35162	SCREW, 10 - 24 X 6 FULL THREAD	2	
4#	584052	SEAL INSTALLATION TOOL	1	
5#	35161	SCREW, 10 - 24 X 12 FULL THREAD	2	
6#	937980	NUT, WELD 10 - 24	2	
7#	35164	SCREW, HHC 1/4 – 20 X 5	3	
8#	35165	SCREW, HHC 1/4 – 20 X 10	3	
9#	584050	TOOL, SEAL REMOVAL	1	

Bushing Extension Kits



Bushing Extension Kits

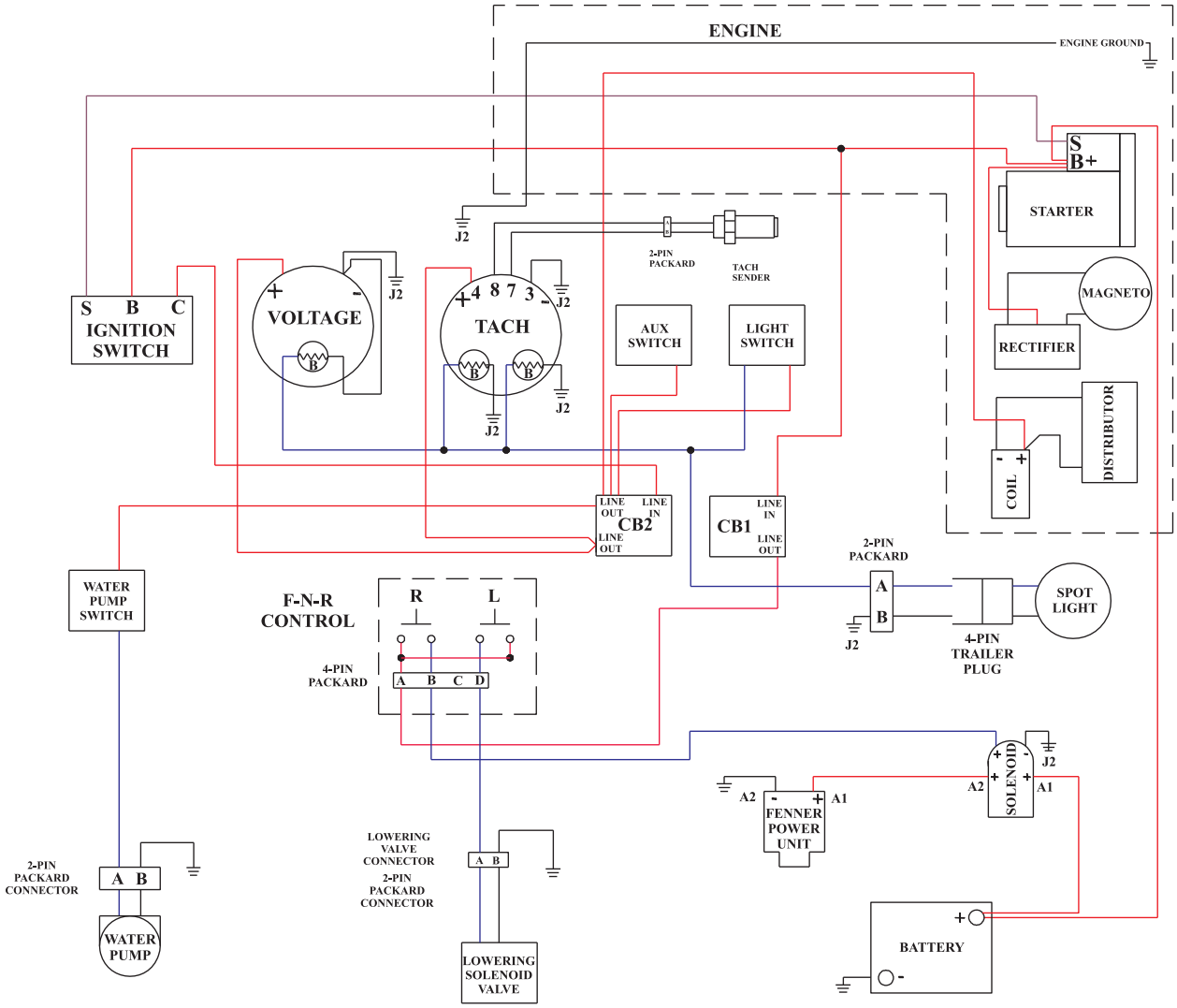
BUSHING EXTENSION KIT 18501 (.375 — .75)

NO	PART NO	PART NAME	QTY.	REMARK
1	926949	DOWEL PIN, 3/8 X 2-1/4	1	
2	180003-1	OUTER COLLAR	1	
3	582032	QD BUSHING 3/8 TO 3/4	1	
4	90123445	5/8-11X 4 LH HEX BOLT	1	
5	915319	5/8-11X 4 RH HEX BOLT	1	

BUSHING EXTENSION KIT 18502 (.75 — 1.125)

NO	PART NO	PART NAME	QTY.	REMARK
1	926950	DOWEL PIN 3/8 X 2-1/2	1	
2	180003-1	OUTER COLLAR	1	
3	582033	QD BUSHING 3/4-1-1/8	1	
4	90123445	5/8-11X 4 LH HEX BOLT	1	
5	915319	5/8-11X 4 RH HEX BOLT	1	

ELECTRIC SCHEMATIC



SPECIFICATIONS

Engine	Wisconsin 35 hp V-4, electronic ignition, remote oil filter and above-frame remote oil drain
Precleaner	Centrifugal type, self-cleaning
Air Cleaner	Four-stage air filtration, cartridge element w/ safety element
Fuel Tank	5 gallon molded tank, shutoff valve and central drain
Spindle Drive Belt	Single 6-groove premium quality 3V Cross-Section Powerband
Belt Tensioners	Single-point Spindle belt tensioner, self-adjusting rotary belt tensioners throughout for accessories
Blade Range	14“ to 30“
Max Cut Depth	12.75”
Blade Guard	Extra heavy design, slip-on type, w/quick-disconnect water hoses, usable on either side, 20“ standard, 16”-20”-26”-30” optional
Spindle Assembly	Fully-enclosed bearings and shaft, oil bath, protected seals, 1-1/2” diameter Spindle, remote protected oil fill and vent, blade usable on either side.
Blade Flanges	Quick-disconnect, taper-lock, 4.5” diameter collars w/ 24 water spray ports
Blade Flushing	Minimum water usage system, panel-mounted flow control, 24 evenly distributed water spray ports (12 per blade side)
Blade Control	12-volt hydraulic raise/lower system. Joystick-controlled at the operator’s panel with plunge and raise buttons located on the control joystick
Blade Depth Stop	Positive, heavy duty design w/ accurate depth gauge
Frame	Heavy gauge laser-cut steel, box design, powder coat finish
Lift Point	Integral balanced single-point lift
Balance	Rear pivot design for quick maneuverability
Handlebars	3-position adjustable with in/out and storage positions, quick locks
Front Wheels	6” x 3”, “no maintenance” precision sealed bearings w/ extra end seals and seal protectors; no grease points
Rear Wheels	11” x 3”
Drive System	Hydro-Gear hydrostatic powered transaxle drive w/ infinite F-N-R speed control, central joystick, remote filter. Cable control. Positraction w/ panel-mounted lever.
Travel Speed	Up to 225 feet per minute
Battery	12 volt, group 26, 425 cold cranking amps
Engine Controls	Twist-lock throttle, choke, back-lit Spindle tach w/hour meter, volt meter, 3-position ignition switch
Electrical Wiring	Easy service loom
Night Light	Standard, removable, usable either side of saw
Front Pointer	Heavy gauge frame, 6” pointer wheel, tether rope
Rear Pointer	Standard, adjustable
Tools	15/16” blade wrench standard
Unit Dimensions	46” long, 27-3/8” wide, 41” high (handlebars in storage position, w/o blade collars)
Unit Weight	975 pounds, with oil, no fuel

OPERATION AND PARTS MANUAL

HERE'S HOW TO GET HELP

PLEASE HAVE THE MODEL AND SERIAL NUMBER *ON-HAND* WHEN CALLING

UNITED STATES

Multiquip Corporate Office
18910 Wilmington Ave. Tel. (800) 421-1244
Carson, CA 90746 Fax (800) 537-3927
Contact: mq@multiquip.com

Mayco Parts
800-306-2926 Fax: 800-672-7877
310-537-3700 Fax: 310-637-3284

Service Department
800-421-1244 Fax: 310-537-4259
310-537-3700

MQ Parts Department
800-427-1244 Fax: 800-672-7877
310-537-3700 Fax: 310-637-3284

Warranty Department
800-421-1244, Ext. 279 Fax: 310-537-1173
310-537-3700, Ext. 279

Technical Assistance
800-478-1244 Fax: 310-631-5032

MEXICO

MQ Cipsa
Carr. Fed. Mexico-Puebla KM 126.5 Tel: (52) 222-225-9900
Momoxpan, Cholula, Puebla 72760 Mexico Fax: (52) 222-285-0420
Contact: pmastretta@cipsa.com.mx

UNITED KINGDOM

Multiquip (UK) Limited Head Office
Hanover Mill, Fitzroy Street, Tel: 0161 339 2223
Ashton-under-Lyne, Fax: 0161 339 3226
Lancashire OL7 0TL
Contact: sales@multiquip.co.uk

CANADA

Multiquip
4110 Industriel Boul. Tel: (450) 625-2244
Laval, Quebec, Canada H7L 6V3 Fax: (450) 625-8664
Contact: jmartin@multiquip.com

BRAZIL

Multiquip
Av. Evandro Lins e Silva, 840 - grupo 505 Tel: 011-55-21-3433-9055
Barra de Tijuca - Rio de Janeiro Fax: 011-55-21-3433-9055
Contact: cnavarro@multiquip.com.br, srentes@multiquip.com.br

This manual MUST accompany the equipment at all times. This manual is considered a permanent part of the equipment and should remain with the unit if resold.

The information and specifications included in this publication were in effect at the time of approval for printing. Illustrations are based on the *SP3 "Street Pro" Professional Slab Saw.* Illustrations, descriptions, references and technical data contained in this manual are for guidance only and may not be considered as binding. Multiquip Inc. reserves the right to discontinue or change specifications, design or the information published in this publication at any time without notice and without incurring any obligations.

Your Local Dealer is:

MULTIQUIP