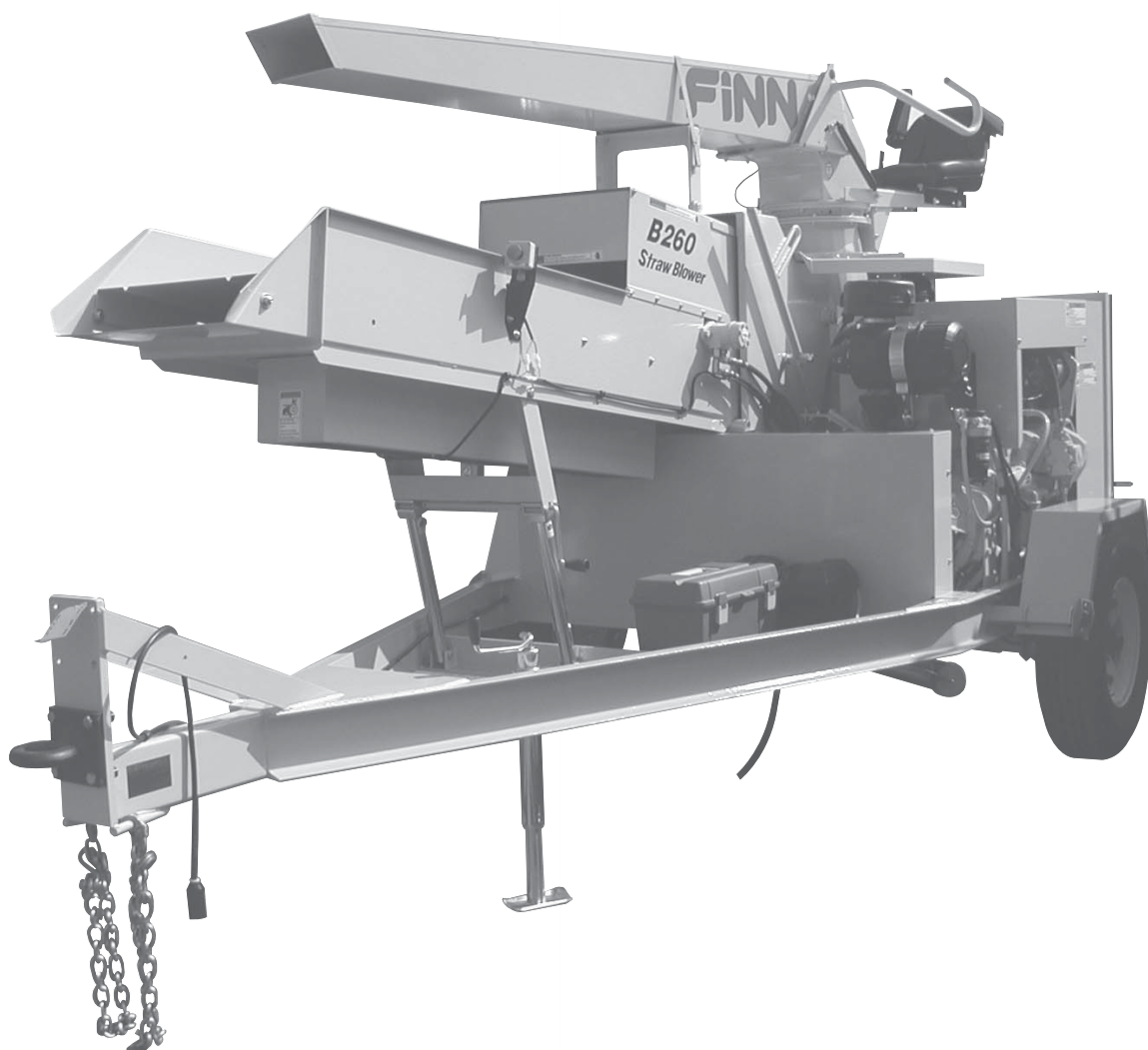




9281 LeSaint Drive • Fairfield, Ohio 45014
Phone (513) 874-2818 • Fax (513) 874-2914
Sales: 1-800-543-7166



Activate
Your Warranty
By Registering
TODAY!!!



B-260 Straw Blower

Parts and Operator's Manual

Model **MM** Serial No. _____

NOTES



ACTIVATE YOUR FINN EQUIPMENT WARRANTY

IMPORTANT INFORMATION ON ACTIVATING YOUR FINN EQUIPMENT WARRANTY!!!

IT IS IMPERATIVE THAT YOU, THE PURCHASER, COMPLETE THE FOLLOWING STEP IN ORDER TO ACTIVATE THE FINN CORPORATION LIMITED WARRANTY.



COMPLETE THE **EQUIPMENT REGISTRATION** FORM
AND MAIL TO THE FINN CORPORATION.

IF FINN CORPORATION DOES NOT HAVE YOUR COMPLETED REGISTRATION
FORM ON FILE, YOUR WARRANTY CLAIM WILL BE DENIED.

Once your FINN equipment has been registered, your FINN Limited Warranty will
be activated per the warranty statement on the next page.

<<What should you do if you need repairs or parts under Warranty?>>



1. NOTIFY FINN CORPORATION OF THE FAILURE OF MATERIAL OR WORKMANSHIP
1-800-543-7166 Extension (246)
WARRANTY@FINNCORP.COM



2. AFTER YOU OR YOUR SERVICE DEALER NOTIFY FINN, FINN WILL:



VERIFY THAT WE HAVE YOUR REGISTRATION ON FILE



VERIFY THAT THE WARRANTY PERIOD IS IN EFFECT



VERIFY THAT THE RELATED PART(S) ARE INCLUDED IN THE SCOPE OF
WARRANTY (PENDING FINN'S INSPECTION OF DEFECTIVE PARTS)



SEND YOU REPLACEMENT PART(S) AND A WARRANTY INFORMATION PACKET



REQUEST YOU FOLLOW ALL INSTRUCTIONS AS NOTED IN THE PACKET

- **Completely fill out the Parts Tag.**
- **Attach the Parts Tag to the defective part(s).**
- **Return the part(s) and the completed Warranty Claim Form to FINN Corporation using the return shipping label. (Within 2 weeks)**
- **Tape the Orange identifier sheet, marked with the W/RMA number, on the outside of the box in which you are shipping the defective part(s).**

**Warranty period:**

Hydroseeders & Straw Blowers 2 years or 2000 hrs which ever comes 1st
All other equipment 1 year or 1200 hrs which ever comes 1st

**Commercial Limited Warranty
Effective 4/1/2011****OUR WARRANTY TO YOU:**

Finn Corporation warrants to you, the original purchaser, for use (or rental to others for use) all new construction machinery, parts and attachments (except those referred to herein) that are manufactured by Finn to be free from defects in material and workmanship for a period noted above. Replacement parts provided under the terms of this warranty are warranted for the remainder of the warranty period applicable to the product to which parts are installed, as if parts were original components of the product.

WHAT FINN WILL DO:

Upon notification of Finn concerning a failure of material or workmanship in accordance with the above stated Warranty, Finn Corporation will:

- Verify claim falls within the valid warranty time frame.
- Verify the product and equipment has been registered with Finn in order to be eligible for warranty coverage.
- Upon affirmation of warranty period and registration, Finn will send to you a new or repaired replacement part(s), whichever Finn elects and a "Warranty Claim Information packet" containing instructions for processing the warranty claim.
- Evaluate the part when defective part is returned. Note: Failure to return defective part within two weeks will result in an invoice being sent to the customer. In addition, if damage to a part is determined not to be covered under the warranty, the customer will be billed.
- Reconcile costs with customer for parts and shipping, as determined by our inspection of failed parts, and confirmation of warranty coverage, per the terms of this warranty.
- Correction of nonconformities, in the manner provided above, shall constitute fulfillment of all liabilities of Finn Corporation.

WHAT YOU MUST DO TO OBTAIN WARRANTY SERVICE:

- As the purchaser covered under the above limited warranty you must REGISTER the equipment with Finn FAILURE TO REGISTER WILL VOID THE WARRANTY.
- Claim Number: Notify the warranty Dept. same day or next day of any intent to do warranty work and obtain a "Warranty Claim Number."
- All warranty labor must be pre-approved by providing Finn with an estimate of labor costs. Once approved, Finn will issue you a Work Authorization Number, prior to work being performed. (EXCEPTION: Unless the labor is per the Labor Allowance Schedule or less)
- The labor costs reimbursement will be based on the Labor Allowance Schedule established by Finn and where not applicable, on a reasonable number of hours as determined by Finn.
- Notify Finn Corporation of any failure of material or workmanship as described under this warranty.
 - Web notification: Warranty@finncorp.com
 - Phone 1-800-543-7166 extension 246
- Complete the required steps in the "Warranty Claim Information packet" (which Finn will send you) and return the defective part(s) as directed in the packet to Finn Corporation.
- Should the failed part, be a hydraulic component, Finn may send you an "Oil Analysis Kit," requesting that a sample of oil from the hydraulic system be taken, and mail it to a lab. Follow the instruction sheet, on how to use your Finn Oil Analysis Kit that comes with the Kit. Failure to comply when requested will void the warranty.

WHAT THE WARRANTY DOES NOT COVER:

1. Normal wear parts and Allied Equipment or trade accessories not manufactured by it, such as but not limited to items such as various filters, fluids, brakes, clutch linings, belts, hoses, light bulbs, mechanical seal, over center clutches, tires, ignitions, starters, batteries, magnetos, carburetors, engines and labor, or like or unlike equipment or accessories. (Such being subject to the warranty, if any, provided by their respective manufacture).
2. Secondhand, used, altered, or rebuilt machines or parts.
3. Defects, malfunctions or failures resulting from accidents, abuse, misuse, improper servicing, or neglect of required operational guidelines and maintenance service, as outlined in the Finn Corporation's Operators Manual(s).

4. The warranty shall be null and void to the extent any defect or failure of the products warranted arises out of or is caused by accessories or component parts not manufactured or supplied by Finn Corporation, whether same are supplied by purchaser, dealers, or any other party.

5. This Warranty does **NOT** cover any costs associated with transporting the equipment for warranty service, such as mileage, fuel, or man hours; such is the responsibility of the equipment owner.

6. Dealers & Customers are responsible to follow all guidelines related to Seasonal & Long Term Storage of Equipment, as advised in operation & equipment manuals. i.e. Finn, Engine, Clutch, Pump, Motor, etc. Equipment failures caused by neglect of these guidelines are not warrantable.

THIS IS THE ONLY EXPRESS WARRANTY ON OUR PRODUCTS:

We neither assume nor authorize anyone to assume for us any other express warranty. The Distributor/Dealer has no authority to make any representation or promise on behalf of Finn Corporation or to modify the terms or limitations of this warranty in any way.

THIS WARRANTY THEREFORE SHALL BE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

LIMITATIONS ON OUR RESPONSIBILITY WITH RESPECT TO PRODUCTS PURCHASED:

THE REMEDIES OF THE USER SET FORTH HEREIN ARE EXCLUSIVE, WITHOUT REGARD TO WHETHER ANY DEFECT WAS DISCOVERABLE OR LATENT AT THE TIME OF DELIVERY OF THE PRODUCT TO THE PURCHASER.

ALL WARRANTY REPAIR MUST BE DONE BY A FINN AUTHORIZED SERVICE PROVIDER OR AUTHORIZED REPAIR SHOP OF FINN'S CHOICE.

TRANSPORTATION, HAULING, STORAGE, OR OTHER SIMILAR COSTS ARE NOT PART OF FINN'S OBLIGATION UNDER THE LIMITED WARRANTIES AND IS THE RESPONSIBILITY OF THE EQUIPMENT OWNER.

THE ESSENTIAL PURPOSE of this exclusive remedy shall be to provide the original purchaser with repair or replacement of parts that prove to be defective within the period and under the conditions previously set forth. This exclusive remedy shall not have failed of its essential purpose (as that term is used in the Uniform Commercial Code) provided Finn remains willing to repair or replace defective parts within a commercially reasonable time after it obtains actual knowledge of the existence of a particular defect.

IN NO EVENT shall Finn be liable for any special, consequential, incidental or indirect damages, including lost profits or lost commercial opportunities, with respect to the sale of the above warranted product or anything done in connection therewith, or for property damage sustained by a person claiming to be a third party beneficiary of a surviving warranty under the law of any jurisdiction.

NOTICE:

FINN CORPORATION URGES the use of only Finn corporation supplied parts and attachments to assure proper performance and safe operation of Finn corporation equipment. Insist on parts and attachments manufactured or supplied by Finn corporation when you purchase, repair or replace your Finn equipment and attachments. Because Finn corporation cannot assure that parts and attachments not manufactured or supplied by Finn meet Finn corporation's quality standards, specifications, or operating requirements, our warranty is not effective to the extent any failure of or defect in a Finn corporation product arises from or is caused by parts, attachments or components not originating with Finn corporation. Use of Finn corporation equipment with parts and attachments not manufactured or supplied by Finn could result in personal injury.

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SAFETY FIRST

With any piece of equipment, new or used, the most important part of its operation is **SAFETY!**

FINN Corporation encourages you and your employees to familiarize yourselves with your new equipment and stresses safe operation.

The first five pages of this manual are a summary of the main safety aspects associated with this unit. Be sure to read and understand completely before operating the machine.

The symbols below are used throughout the operation and maintenance sections of this manual to call attention to safety procedures.



Indicates a hazardous situation which, if not avoided, will result in death or serious injury.



Indicates a hazardous situation which, if not avoided, could result in death or serious injury.



Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

Indicates practices that are not related to personal injury.

NOTE: Gives helpful information

CALIFORNIA

Proposition 65 Warning

The engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.

CALIFORNIA

Proposition 65 Warning

Battery posts, terminals, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Wash hands after handling.

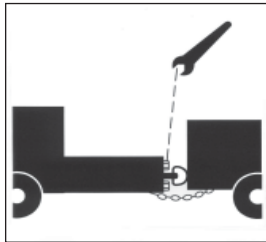
STRAW BLOWER SAFETY SUMMARY SECTION

It is important that all operators of this machine are familiar with all safety aspects mentioned below, and have read the entire Operator's Manual before operating the machine. Always keep a copy of this manual with the machine. It is the responsibility of the operator of the machine to fully understand this safety sheet. Remember that YOU are the key to safety. Good safety practices protect not only you, but also the people working with and around you. Keep in mind that this safety sheet is written for this type of machine only. Practice all other usual and customary safe working precautions. Above all, remember that safety is up to you.

The FINN STRAW BLOWER is intended to be used as an applicator of vegetative hay or straw mulches onto the seedbed. Its use with other products or for other applications must be by approval of the product's manufacturer. If there are any questions, contact FINN Corporation at 1-800-543-7166.

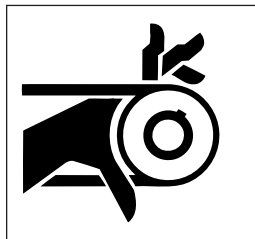
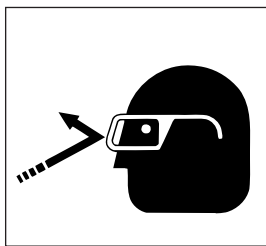
I. PRE-START EQUIPMENT CHECK (equipment check is to be made with the engine OFF):

1. Check hitch and hitch bolts, safety chains, lights, brakes, and breakaway switch. Verify that the hitch ball is the correct size for the coupler.
2. Check that all guard railing is in place and secure.
3. Verify that all guards are in place.
4. By carefully looking in the shredder box, inspect the shredder box for foreign objects.
5. With the ignition switch ON, verify that the signal horn is operating correctly.
6. Make sure no one is working on or inside the machine. Give a visual and audible signal that all is clear before starting the engine.



II. MACHINE OPERATION:

1. Always wear safety goggles when operating or feeding the machine. Other safety attire, such as safety shoes, ear protection, gloves, hard hats, dust masks, etc., should be worn as required by warning decals on machine, operator's manuals, or jobsite requirements. Remove rings, watches, etc. Avoid wearing loose-fitting clothing that may get caught in rotating machinery.
2. Do not operate the machine without all guards in place.



3. Make sure the discharge spray area is clear of all persons, animals, etc.
4. The driver of the carrying or towing vehicle is responsible for the safety of the operator(s) and feeder(s) of the machine. Make sure the driver is aware of and avoids all possible hazards to the operator(s) on the machine, such as tree limbs, low power lines, etc. Vehicles on which equipment is mounted or towed must be started or stopped gradually. Avoid abrupt starts and stops. Never operate on a slope or a hill that may endanger the operator(s). All personnel should review and be familiar with start/stop signals between the driver and operator(s) before operation of the equipment.

5. Operator(s) of equipment should never ride on machine at speeds greater than 5 MPH (8 km/h).



6. Never operate machine in an enclosed area without venting the exhaust of both the equipment and the vehicle on which the equipment is mounted or towed. Deadly carbon monoxide fumes can accumulate.
7. Never operate this or any other machinery when fatigued, tired, under the influence of alcohol, illegal drugs, or medication. You must be in good physical condition and mentally alert to operate this machine.
8. Never modify the machine. Never remove any part of the machine (except for service and then reinstall before operating).
9. Use proper means for mounting and dismounting of machine. Never mount or dismount a moving machine.
10. Do not aim discharge at people, animals, etc. Only aim the discharge at the intended seedbed.



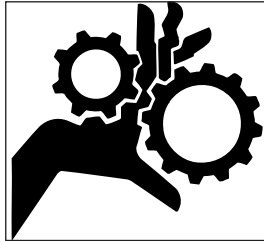
11. Do not open any doors or access panels while machine is in operation. Severe injury may result from rotating parts.

12. Do not attempt to pull anything out of the feed chute or shredder box when machine is in operation. Shut down the engine using (Occupational Health and Safety Administration (OSHA) lockout/tagout procedure 29 CFR 1910.147), before removing any foreign objects. Give a visual and audible signal that all is clear before restarting the machine.

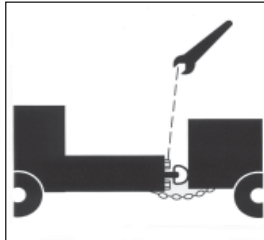


III. MAINTENANCE:

1. Before servicing the machine, turn off engine and allow all moving parts to stop. Disconnect the battery cables to prevent accidental starting of the machine. Tag the engine operating area to show that the machine is being serviced. Use lockout/tagout procedure (29 CFR 1910.147).



2. On trailer units, perform general maintenance such as checking the safety chains, hitch, hitch bolts, tires, and brakes. Repair or replace if worn or broken. Never operate machine on improperly inflated or damaged tires. Always use a safety cage or cable restraints when reinflating a repaired tire.



3. Battery maintenance. Lead-acid batteries contain sulfuric acid, that will damage eyes or skin on contact. Always wear a face shield to avoid getting acid in the eyes. If acid contacts eyes, flush immediately with clean water and get medical attention. Wear rubber gloves and protective clothing to keep acid off skin. Lead-acid batteries produce flammable and explosive gases. Keep arcs, sparks, flames, and lighted tobacco away.

4. Filling of fuel. Never fill the fuel tank while the engine is running, while smoking, or when near an open flame. Never smoke while handling fuel or working on the fuel system. The fumes in an empty fuel container are explosive. Never cut or weld on fuel lines, tanks, or containers. Move at least 10 feet (3 meters) away from fueling point before starting engine. Wipe off any spilled fuel and let dry before starting engine.

IMPORTANT: Be careful not to allow fuel, lubricant, hydraulic fluid, or cooling fluids to penetrate into the ground or be discharged into the water system. Collect all used fluids and dispose of them properly.

5. It is recommended that only authorized, genuine FINN replacement parts be used on the machine.
6. Make certain that all decals on the machine are maintained in good legible condition. Replacement decals are available through FINN Corporation by specifying the part number shown in the lower right-hand corner of the decal. See page 4 for the current set of safety decals mounted on the unit. See Parts Manual for the location and quantity of all decals on this unit.

CURRENT SET OF SAFETY DECALS

CAUTION

HYDRAULIC SYSTEM INSTRUCTIONS

1. Check oil level weekly. Add oil when level goes down to first ring on filler screen.
2. Change filter on oil tank every 500 operating hours. (Use a 10 micron filter element only).
3. Check and clean suction strainer once a year or when oil is changed.
4. Change hydraulic oil when the color turns milky white. (Color change is due to water getting into hydraulic system).
5. Keep all fittings and hoses tight and leak free.
6. Keep system clean at all times.
7. DO NOT start or run engine without hydraulic oil in reservoir. Permanent pump damage will occur

**HYDRAULIC
FLUID ONLY**

See Operator's
Manual for type

P/N 110057

CAUTION

NEW CLUTCH INFORMATION

A new clutch may require several adjustments until friction surfaces are worn in.
DO NOT let clutch slip. This will glaze and ruin friction surfaces.

When properly adjusted a heavy pressure is required at lever to move throwout linkage to over center or locked position.
Always maintain proper adjustment.
Consult operations manual for adjustment instructions.
Failure to comply may result in equipment damage.

P/N 112097

WARNING

BURN HAZARD!
Hot exhaust!
Stay back!
Failure to comply could result in death or serious injury.

0122278

WARNING

FALL HAZARD!
DO NOT ride on equipment when moving at speeds in excess of 5 MPH (8 km/h).
Failure to comply could result in death or serious injury.

P/N 20073

WARNING

FLYING OBJECTS!
Wear proper eye protection when feeding machine.
Failure to comply could result in death or serious injury.

P/N 120050

WARNING

SEVER HAZARD!
Keep hands clear!
Rotating fan and gears.
DO NOT operate without guards or doors in place.
Shut off engine, disconnect battery and allow all moving parts to stop before servicing.
FLYING DEBRIS!
Wear eye protection around equipment.
Failure to comply could result in death or serious injury.

P/N 31463

WARNING

Do not operate without guards in place.
Failure to comply could result in death or serious injury.

P/N 12179

WARNING

BURN HAZARD!
Cooling system is under pressure.
Allow system to cool before handling.
Remove radiator cap slowly.
Wear appropriate safety gear.
Failure to comply could result in death or serious injury.

RADIATOR HANDLING INSTRUCTIONS

1. Use a 50/50 solution of water and antifreeze. Using 100% antifreeze will result in engine damage.
2. Check and replenish water prior to use. More water will be consumed when operating in hot conditions.
3. If overflow pipe begins emitting vapor, check and replenish water.
4. Remove and clean screen when dirty.
5. Check and clean fins periodically. Clogged fins will increase water consumption.
6. Protect radiator from fertilizer corrosion by washing radiator core with water.

P/N 31462

WARNING

Wear proper eye and ear protection when operating machine.
Failure to comply could result in death or serious injury.

P/N 23879

WARNING

RUNAWAY VEHICLE HAZARD!
Always inspect tow vehicle and equipment hitch before towing.
Tighten all hitch bolts and properly connect wiring and safety chains.

BREAKAWAY SWITCH
DO NOT use for parking.
Attach cable to towing vehicle with enough slack for turning.
Engine battery on trailer must be charged and hooked-up for proper breakaway function.

SAFETY CHAIN INSTALLATION
Both the single and double chains must be crossed under tongue. They must be oriented in such a manner as to prevent tongue from dropping to ground in event of failure to hitch, coupler or ball. Chains must be connected to towing vehicle so slack for each length of chain, between trailer and towing vehicle, is the same and must have no more slack when in use than necessary to permit proper turning of vehicles. Forward end of chain must be attached to towing vehicle, not to ball, but to hitch or other frame member. Chain must be looped around member and hooked back into itself.
Failure to comply could result in death or serious injury.

P/N 31461

OPERATION AND MAINTENANCE MANUAL FOR THE FINN B260 STRAW BLOWER

INTRODUCTION

This manual is designed for step-by-step instructions of the operation, care, and maintenance of the B-260 Straw Blower and, in addition, it contains illustrations and descriptions of a complete list of parts and components for easy identification. For best results and to ensure longer life of the equipment, please follow the instructions carefully. For your safety, read the entire manual before operation of this unit.

DEFINITION OF MULCHING

Mulching is the process whereby a vegetative mulch, such as hay or straw, sometimes excelsior, or other wood product or other vegetative material, is spread on previously seeded areas to promote germination, while providing temporary erosion control.

THE FINN B260 STRAW BLOWER AND HOW IT WORKS

The FINN B260 Straw Blower will apply vegetative mulch at a fast and uniform rate, utilizing a minimum amount of manpower.

The baled vegetative mulch material is placed on the feed chute and separated by the bale feeder as he feeds these bales into the shredder housing. In the shredder housing, a combination of beater chains and air currents separates the mulch into individual fibers that are drawn into the blower housing and blown through the discharge assembly onto the seedbed.

TOWING VEHICLE

The truck used to tow the FINN Straw Blower should have a bed large enough to carry the quantity of mulch needed for economical operation. If the Straw Blower is going to be used on rough, hilly terrain, a truck with a two-speed axle is suggested. This will supply the necessary slow speed required for careful, uniform application. The truck must be equipped with a ball or pintle hitch with a large enough rating to tow the Straw Blower. Use a 2-5/16 in. (58 mm) ball, rated at least 7,500 lb (3,401 kg). The tow truck must be able to support 750 lb (340 kg) down on its hitch. There must be provisions for the safety chains to be attached. The hitch should be mounted as near the end of the truck bed as possible.

LOADING BALES

Load the bales of mulch on the truck bed with binder twine or wire on top rather than on the side. This makes it easier to grab the bales while the Straw Blower is in operation. Place the first layer of bales lengthwise on the truck. The second layer of bales should be placed crosswise. Alternate successive layers lengthwise and crosswise in order to secure the load. Leave enough room at the rear of the truck bed for the bale handler to stand.

ATTACHMENT: 50 ft (15 m) EXTENSION FOR DISCHARGE SPOUT

The collapsible tube, when secured to the spout of the adapter, will extend the length of the discharge spout by 50 ft (15 m). When this tube is attached, mulch material must be pushed farther through the tube before being discharged. Therefore, it is important to keep the air pressure as high as possible. This can be done by feeding not more than two bales per minute of good, bright material. If using lower quality material, the feeding must be done at a slower rate.

NOTE: Keep the tube as straight as possible. Do not feed mulch until tube is filled with air.

POSITIONING THE FEED CHUTE EXTENSION

The feed chute extension should extend at least 18 in. (45 cm) over the rear edge of the truck bed. To achieve this, use the following:

1. Unhook the discharge spout holddown and fold it down to the horizontal position.
2. Move the discharge tube to the side.
3. Move the feed chute extension down to the feed position. If the extension is short of the edge of the truck bed, move it to the rear set of mounting holes.
4. Next, adjust the feed chute so that it is 6 to 12 in. (15 to 30 cm) higher than the bed of the truck.
5. Be sure that, when turning the truck, the payload does not come in contact with the feed chute.

PRE-START CHECK

Safety check to ensure operator safety:

1. Check the bolts on the hitch and safety chains, the brakes, and the trailer lights.
2. With ignition ON, check the amber safety light.
3. Check that the signal horn operates properly.
4. Ensure that all guards are in place.
5. Verify that the red safety light is not illuminated. Check the safety switches if the red safety light is illuminated.

EQUIPMENT CHECK



Equipment check should be made with the engine OFF and all rotating parts stopped. Failure to comply could result in death or serious injury.

1. Tool Kit - make sure that it contains all prescribed items (see tool kit list, page 58 in parts manual).
2. Lubricate equipment. Use handgun only (see lube chart on pages 20 and 21).
3. Check engine oil and fuel and fill or change if necessary. Refer to the engine manual for proper oil and fuel. Check hydraulic oil level and fill as required. (See hydraulic system for oil spec.)
4. Inspect air cleaner for dust and dirt. If necessary, clean the filter by using the following steps:
 - A. Knock the loose particles from element.
 - B. Wash with water and detergent.
 - C. Rinse and allow to dry. Do not force dry, do not use compressed air or heat.
5. Check belts for proper tightness. Belts are in proper adjustment when 8 lb (3.6 kg) pressure in the center of the belt, produces 3/8 in. (1 cm) depression.
6. Engage and disengage clutch to determine if it snaps in and out of engagement.
7. Check the radiator liquid level and fill if necessary (protected to -34°F (-37°C) when shipped).
8. Check shredder box for foreign objects that could damage the equipment or injure workers.
9. Check beater chains and their mounting pins for damage or wear. Replace if necessary.

STARTING THE ENGINE

CAUTION

See safety section of the manual (pages 2 through 4) before operating the machine. Failure to comply could result in minor to moderate personal injury. Failure to comply could also result in product or property damage.

1. Make sure that the clutch is disengaged, and that the power feed handle is in the OFF position.
2. Turn ignition switch to the START position. If engine does not start within 10 seconds, turn the key back to the OFF position and wait at least 30 seconds before trying again.

NOTE: This engine has a safety system that will shut the engine off if the engine oil pressure drops below 7 psi (48 kPa), or if the water temperature reaches 239°F (115°C).

3. Allow the engine to warm up at high idle for 3 to 5 minutes.
4. The engine information display will show the current engine conditions. The display can be customized to show different engine parameters, such as rpm, hours, volts, coolant temperature, etc. See POWERVIEW on pages 9 through 11.
5. With the engine still idling, engage the clutch slowly. Move the throttle to the wide-open position and let the governor control the engine speed. The governed speed of the engine on the FINN Straw Blower should be 2,550 to 2,600 rpm under a load.

CAUTION

Before engaging the clutch, make sure that the discharge tube is under control and is pointed in the proper direction. Failure to comply could result in minor to moderate personal injury. Failure to comply could also result in product or property damage.

NOTICE

After the first 4 to 8 hours of operation, the drive belt should be checked and adjusted (see pages 16 and 17). The clutch should also be checked and adjusted (see page 19).

POWERVIEW

The PowerView is a multifunctional tool that enables the operator to view many different engine parameters and service codes. A graphical back-lit LCD screen can display either a single parameter or a quadrant display showing four parameters simultaneously. Diagnostic capabilities include fault codes with text translation for the most common fault conditions.

The following relative engine parameters can be displayed in either English or Metric units, as well as in Spanish, French, or German:

- Engine rpm
- Engine Hours
- System Voltage
- % Engine Load at Current rpm
- Coolant Temperature
- Oil Pressure
- Throttle Position
- Active Service Codes

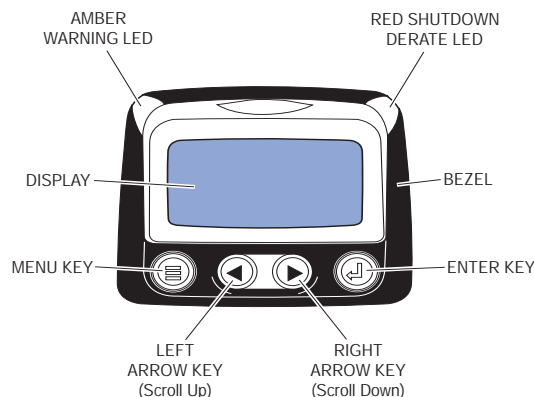


Figure 1 - Faceplate Features

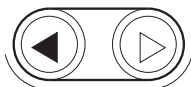
FACEPLATE

The keypad on the PowerView is a capacitive touch-sensing system. There are no mechanical switches that can stick or wear out. It can be operated in extreme temperatures, while wearing gloves, and is impervious to ice, snow, mud, grease, etc. When the key is touched, feedback is provided by flashing on the screen. The keys on the keypad perform the following functions (refer to Figure 1):



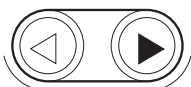
Menu Key

The Menu Key is used to either enter or exit the menu screens.



Left Arrow Key

The Left Arrow Key is used to scroll through the screen, either moving the parameter selection toward the left or upward.



Right Arrow Key

The Right Arrow Key is used to scroll through the screen, either moving the parameter selection toward the right or downward.



Enter Key

The Enter Key is used to select the parameter that is highlighted on the screen.

POWERVERVIEW OPERATION

PowerView Menus (First Time Start-Up)

1. Once the engine has been started and the keyswitch is turned to RUN, the Engine rpm parameter (ENG rpm) is displayed. See Figure 2.
2. To toggle through the various engine parameters, touch either the Left or Right Arrow Key.
3. To switch to the 4-Up Display, touch the Menu Key to display the first seven items of the Main Menu. See Figure 3.
4. Since the first menu item listed is GO TO 4-UP DISPLAY, touch the Enter Key to select the 4-Up Display. See Figures 3 and 4.

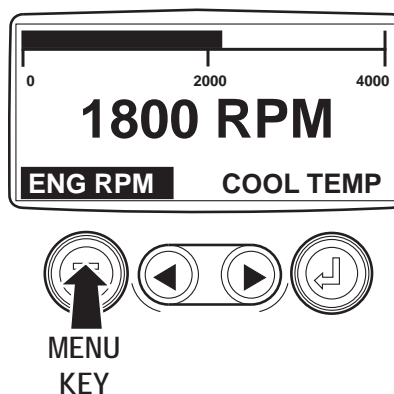


Figure 2 - 1-Up Display

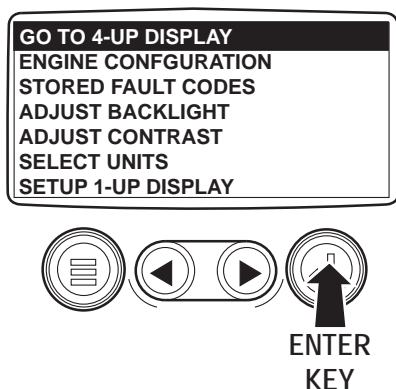


Figure 3 - Main Menu

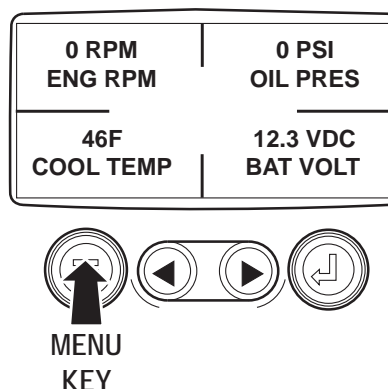


Figure 4 - 4-Up Display

Stored Fault Codes

The PowerView Display will store any fault codes generated by the engine, along with a text description. To access these fault codes:

1. Touch the Menu Key to display the Main Menu.
2. Using the Right Arrow Key, toggle down the list until STORED FAULT CODES is highlighted. See Figure 5.
3. Touch the Enter Key to view any stored fault codes. The display will respond by presenting a REQUESTING FAULT CODES message, while the system retrieves the codes. See Figure 6.
4. Once the stored fault codes have been retrieved, the initial code will be displayed along with a text description. See Figure 7.

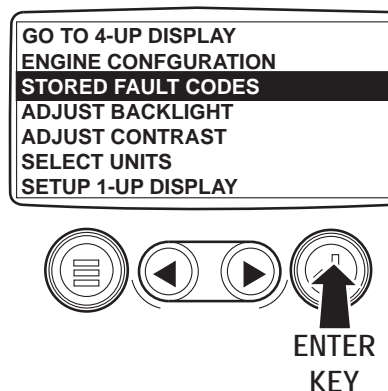


Figure 5 - Main Menu

5. If the word **MORE** appears at the bottom of the display, this indicates that there are additional fault codes being stored. Use the Right Arrow Key to advance to the next code.
6. As long as the arrow in the display appears to the right of the word **MORE** as you advance through the fault codes, this means there are more codes available for viewing. When the arrow in the display shifts to the left of the word **MORE**, this is an indication that you have accessed the final fault code being stored. At this point you can touch the Left Arrow Key to review the fault codes, or touch the Menu Key to return to the Main Menu.

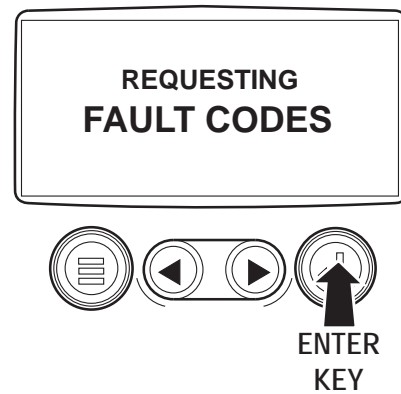


Figure 6 - Access Stored Fault Codes

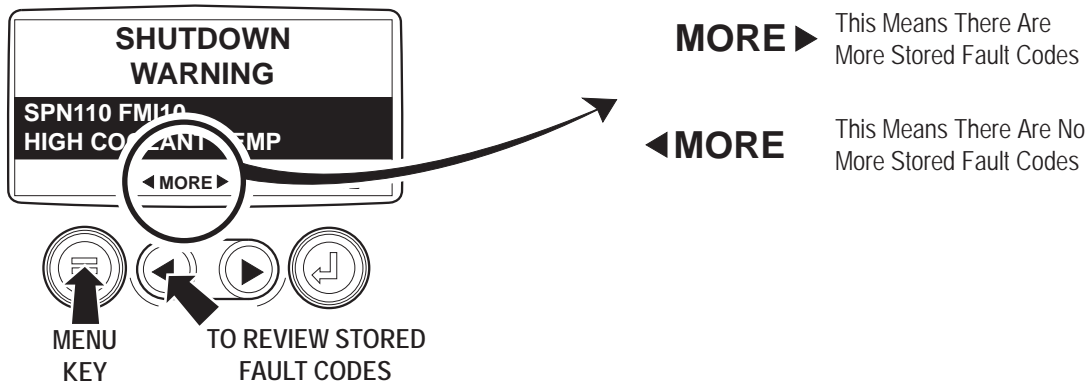


Figure 7 - Stored Fault Codes

CREW MEMBERS AND THEIR DUTIES

1. The Operator controls the placement of the mulch on the seedbed by moving the discharge assembly. He also controls the movement of the towing truck along the seedbed by using a predetermined set of signals for the signal horn.
2. The Bale Handlers operate from the truck bed and supply the power feed assembly with bales of mulch material. They cut and dispose of bale twine or wire and keep the power feed chute full of material with no gaps so there will be no interruption in distribution of mulch to the seedbed.
3. The Truck Driver follows the directions of the operator for the movement of the towing truck. The truck driver should be cautious in starting or stopping the truck so that the crew members are not thrown off balance.

FEEDING THE MULCH

The power feed assembly of the FINN Straw Blower has been designed to give fast, uniform mechanical feeding. The adjustable feeding rate allows the use of various materials, and at the same time obtains maximum production. The power feed assembly is driven by a power feed chain. This allows the mulch material to be fed at an adjustable rate to the separator roll, which drops the bats into the shredder housing.

The power feed chain is driven by a hydraulic motor mounted on the top side of the power feed chute. This motor is controlled by the operator at the discharge control station. The power feed control is a lever that, when pulled back from the center position, makes the power feed chain run away from the shredder housing. When pushed forward from the center position, it causes the power feed chain to move toward the shredder housing. Either forward or rearward, the farther the lever is moved, the faster the chain travels. Once a speed has been selected, centering the lever stops the chain. If the lever is returned to its previous position, the chain will move at the previous speed. Through use of the power feed control lever, the operator can momentarily stop the feeding cycle when wet bales are encountered or when it is necessary to stop application because of driveways, bridge abutments, etc. The operator can slow down or speed up the rate of feeding depending on the type of material that is being encountered per bale.

To start the power feed, push the control lever slowly until the desired speed is reached. It is necessary for bale handlers to keep the power feed chute completely full at all times in order to get the maximum production rate of the FINN Straw Blower.

The operator should have a full stream of mulch coming at all times and should be directing the material to the area being mulched. The operator has complete control of the power feed mechanism by the use of the control lever and can vary the rate of feed instantaneously to fit all conditions. If the bale handlers are unable to keep the feed chute full, the operator should slow the feed down slightly until the bale handlers can keep up. This will allow a more uniform application. If the feed rate is not fast enough for good, bright straw, and the control handle is full forward, move the handle to the right and then forward into the high-speed forward slot.

It is suggested that with every truckload of mulch, the power feed tray should be emptied. This will allow the operator to remove any wire or twine from around the feeder roll.

Rate of feed should never be set beyond the capacity of the machine so as to compensate for the poor quality of mulch material being used. Failure to comply could result in overloading of the machine, which causes extensive wear and maintenance problems.

DISTRIBUTING THE MULCH

The Straw Blower should be towed to a point approximately 60 ft (18 m) from the area where mulch is to be applied. The operator elevates the discharge spout about 10 degrees above the plane of the seedbed so that the mulch floats onto the seedbed.

NOTE: Do not drive the mulch into the seedbed with air pressure. The higher the tube is held, the more uniform the application will be.

A full circle horizontal travel of the discharge spout allows the operator to vary the direction of the discharge spout according to the prevailing winds. The tube should never be directed into the wind, towards any persons, or at the towing vehicle.

SMOOTHING OUT MULCH PATTERNS

The lower roll assembly in the shredder housing, driven by the blower power band, is equipped with mounting points for eight beater chains and six fingers. For normal straw application, only four to six chains are needed. If you have material coming out in lumps or find it impossible to handle because the mulch is wet or hard, install extra chains in pairs until smoothness of mulch application is reached.

CAUTION

Be sure beater chains are mounted opposite each other at all times to avoid throwing the blower shaft out of balance. Failure to comply could result in minor to moderate personal injury. Failure to comply could also result in product or property damage.

If your equipment is still throwing mulch material out in lumps and does not have a good discharge pattern, move the last beater hub closer to the blower housing, but within the shredder box.

CLOGGING OF THE MULCH BLOWING SYSTEM

If during operation the machine gets plugged, simply shut off the power feed. If the machine does not clear, disengage clutch and let the machine coast to a stop. Before turning off the engine, the operator can reverse the power feed chain using the control lever. This will unload the power feed chute to facilitate cleaning the machine.

DANGER

Do not reach into the shredder box or attempt to make any adjustment until the engine and all rotating parts have stopped. Failure to comply WILL result in serious personal injury or death.

Four access locations have been provided to allow the removal of any obstructions:

1. The opening into the beater box into which the mulch material is fed.
2. The access door in the shredder housing.
3. The access door into the blower discharge transition.
4. The discharge tube itself.

When the obstruction has been removed and access doors closed, the motor can be restarted and mulch application continued.

If consistent plugging occurs, it can be caused by one of several reasons:

1. The bale handlers do not feed the bales at a consistent rate and/or do not guide the bales properly onto the power feed mechanism, leaving gaps in the stream of bales or leaving the bales laying flat on the tray.
2. The power band is out of adjustment, causing it to slip.
3. The clutch is out of adjustment and is slipping.
4. Incorrect type or quantity of beater chains are installed.
5. Operator is feeding the mulch material too fast, overloading the shredder housing.

HYDRAULIC SYSTEM

The hydraulic system on your FINN Straw Blower consists of a pump, reservoir with suction strainer, oil filter, and power feed hydraulic motor with flow control valve set to operate at 2,000 psi (13,790 kPa). The most important maintenance areas are the hydraulic oil and filtration. The reservoir holds 8 gal (30 L) of ISO Grade 46 Hydraulic Oil. Hydraulic oil should be replaced per the lubrication schedule or if the oil becomes milky or smells burnt. The hydraulic-system oil filter cartridge must be replaced with a 5 Micron absolute filter cartridge (FINN part number 023914). The following checks will keep your FINN Straw Blower in proper operating condition:

1. Check oil level once a week. Add additional oil when level goes down below 1-1/2 in. (3.8 cm).
2. Change oil filter on oil tank every 500 hours of operation.
3. Check and clean suction strainer once a year or whenever the oil is changed.
4. Change hydraulic oil whenever the color turns to milky white, (change is caused by water getting into hydraulic system) or if oil smells burnt.
5. Keep all fittings and hoses tight and leak-free.
6. Keep system clean at all times.

CAUTION

Do not start or run the engine without hydraulic oil in the reservoir or with a closed reservoir ball valve as permanent damage to the hydraulic pump will occur. Failure to comply could result in minor to moderate personal injury. Failure to comply could also result in product or property damage.

TROUBLESHOOTING THE HYDRAULIC SYSTEM		
Symptom	Probable Cause	Remedy
Power feed motor will not run in either direction	Plugged suction strainer	Clean strainer.
	Suction line valve closed	Open valve.
	Collapsed suction hose	Replace hose.
	Worn pump	Repair or replace.
Power feed chain runs unevenly	Loose chain	Adjust tension on chains.
Power feed motor runs in reverse only	Flow control stuck or plugged	Repair or replace.
	Flow control cable inoperative	Repair cable.

CLEANING AND MAINTENANCE



Turn off engine and disconnect battery before servicing equipment. Failure to comply could result in death or serious injury.

AFTER FIRST 100 HOURS OF OPERATION

1. Check belt tension on the drive belt. See pages 16 and 17.
2. Check and adjust clutch. See page 19.
3. Torque wheel lugs. Torque again after 7 days.

DAILY CLEAN-UP MAINTENANCE

Follow this procedure daily to keep the equipment in good operating condition:

1. Check the air cleaner on the engine by removing the element and checking the cleanliness of the element. Check the cleanliness by inserting a light inside the element. If light cannot be seen shining through the element, the element is dirty. Wash it with clean water and detergent; do not use a pressure hose. If you cannot get it clean enough to see light shining through it, the element should be replaced.
2. Clean the radiator and radiator screen with tap water.
3. Check crankcase oil level and add oil if necessary.
4. Check the tension on the power band. There should be a 3/8 in. (1 cm) depression at the center of the band when using 8 lb (3.6 kg) of pressure. Adjust if necessary.

5. Clean beater rolls. Make sure to remove all twine, wire, and other foreign objects.
6. Lock the discharge tube (using the holddown strap) into the carrying saddle.
7. Fill the fuel tank.
8. Check hitch bolts, safety chains, and brakes.

WEEKLY MAINTENANCE

After each 40 hours of operation, follow this procedure:

1. Change the engine oil following the engine manufacturer's recommendations.
2. Change the engine oil filter cartridge with every other oil change.
3. Lubricate bearings with general-purpose chassis lubricant to remove dirt and prevent overheating.
4. Inflate tires to pressure as specified on the tire.
5. Check clutch adjustment to ensure that it snaps in and out of engagement. Refer to the clutch manual for instructions.

ADJUSTING THE DRIVE BELT

1. Remove the BELT GUARD to expose the DRIVE BELT.
2. Position a straight edge across the belt, starting from the BLOWER SHAFT SHEAVE and extending across the top of the ENGINE CLUTCH SHEAVE. See Figure 8.
3. Apply 8 lb (3.6 kg) of pressure directly down on the DRIVE BELT (about halfway between the two sheaves). Measure the distance from the bottom of the STRAIGHT EDGE, to the top of the DRIVE BELT. This dimension should be 3/8 in. (1 cm).
4. If the DRIVE BELT requires adjustment, loosen the four bolts that secure the FRONT ENGINE MOUNT and the REAR ENGINE FOOT to the trailer frame.
5. Mark the FRONT and REAR JACKING BOLTS to identify the current positions.
6. To tighten the DRIVE BELT, tighten the REAR JACKING BOLT by turning the bolt clockwise two full turns.
7. To keep the engine in proper alignment, loosen the FRONT JACKING BOLT by turning the bolt counterclockwise two full turns.
8. Check the DRIVE BELT measurement as described in steps 2 and 3.
9. Continue to adjust JACKING BOLTS to obtain the correct measurement.
10. After obtaining the correct measurement, tighten the four bolts that secure the FRONT ENGINE MOUNT and the REAR ENGINE FOOT to the trailer frame.
11. Replace the BELT GUARD.

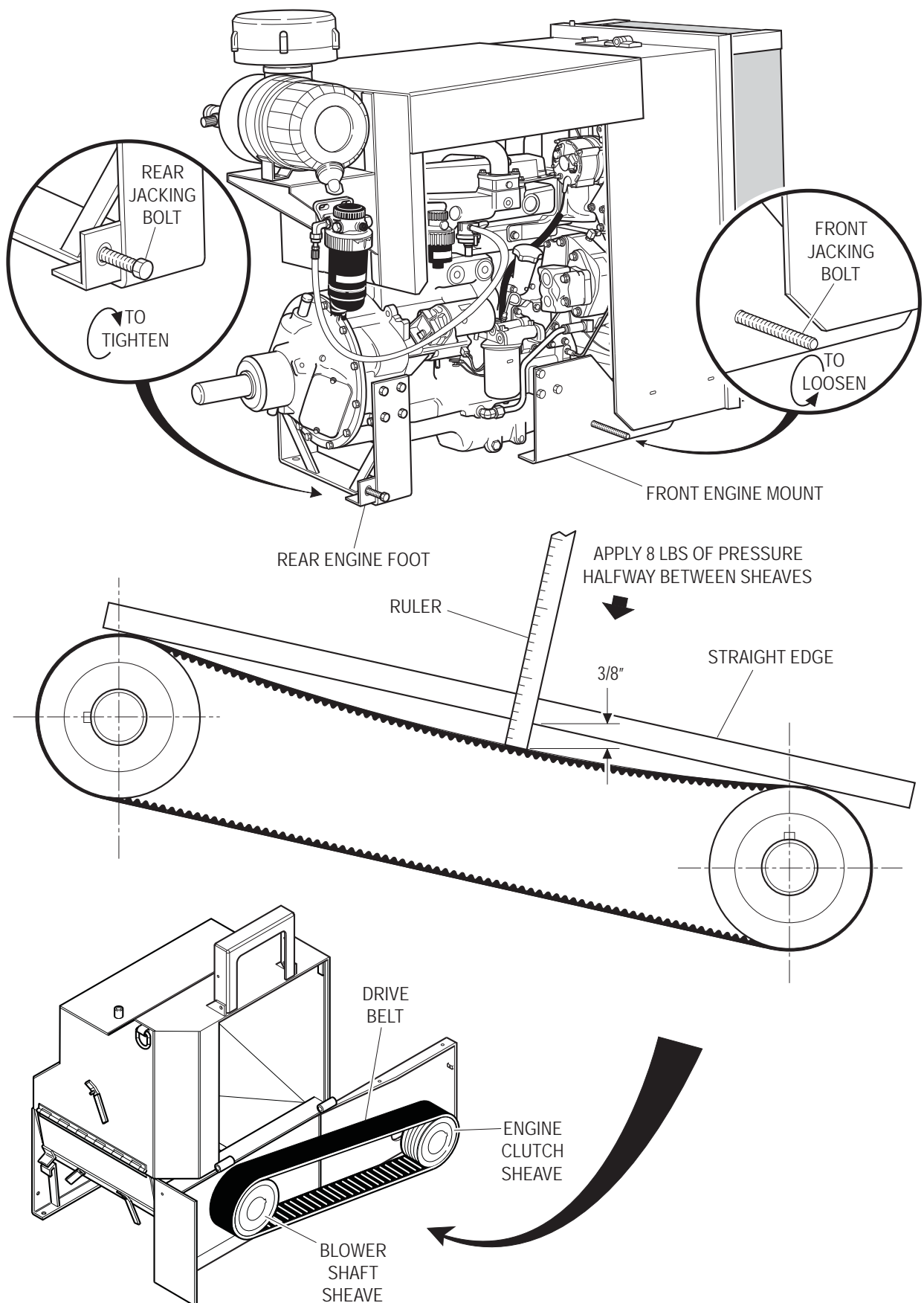


Figure 8 - Adjusting the Drive Belt

ADJUSTING THE FEED CHAIN

1. About halfway between the IDLER SPROCKET ASSEMBLY and the DRIVE SHAFT IDLER ASSEMBLY, pull the FEED CHAIN taut and away from the bottom of the FEED CHUTE WELDMENT. At the point where you have pulled the FEED CHAIN away, measure the distance between the top of the FEED CHAIN and the bottom of the FEED CHUTE WELDMENT. This should measure 4-1/2 in. (11.4 cm). See Figure 9.
2. If the FEED CHAIN requires adjustment, loosen the four bolts that secure the IDLER SPROCKET ASSEMBLY to the FEED CHUTE WELDMENT.
3. Adjust the FEED CHAIN by moving the IDLER SPROCKET ASSEMBLY toward the end of the FEED CHUTE until you obtain the measurement provided in step 2. If the 4-1/2 in. (11.4 cm) measurement cannot be obtained by shifting the IDLER SPROCKET ASSEMBLY, remove links from the FEED CHAIN as necessary to obtain the correct adjustment.
4. Tighten the four bolts that secure the IDLER SPROCKET ASSEMBLY to the FEED CHUTE WELDMENT.

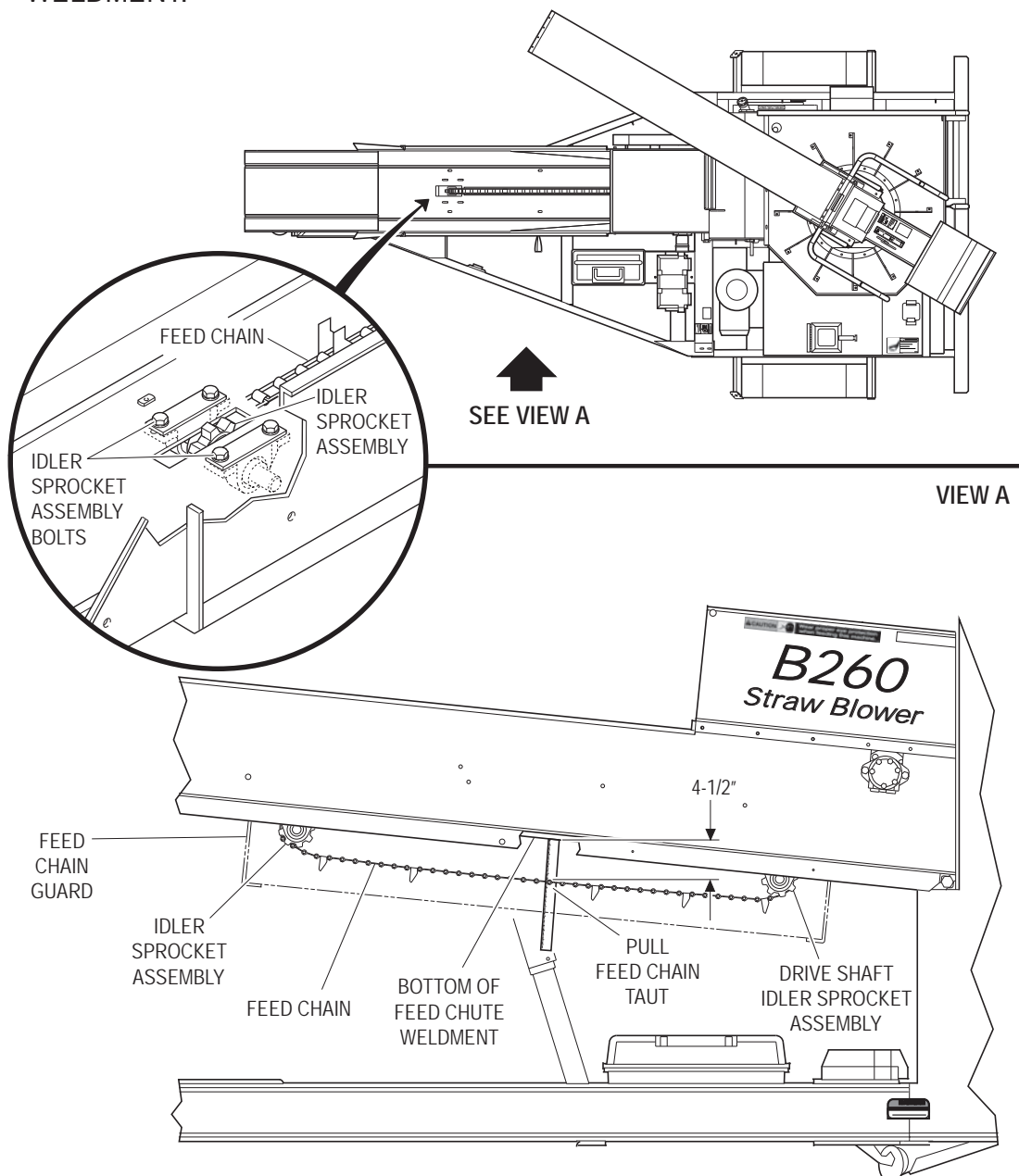


Figure 9 - Adjusting the Feed Chain

CLUTCH CARE AND MAINTENANCE

This is a short, simple outline of the NACD clutch adjustment and lubrication procedure. When performing maintenance beyond this brief outline, refer to the NACD Care and Operations manual. In order to properly identify parts when ordering replacement parts, always refer to the unit and specification number stamped on the nameplate located on the top-center of the power take-off housing.

NOTE: If your Straw Blower is equipped with a NACD clutch, refer to the NACD Power Take-Off Service Manual For 6-1/2 in., 7-1/2 in., 8 in., 10 in. and 11-1/2 in. HE Clutches.

LUBRICATION

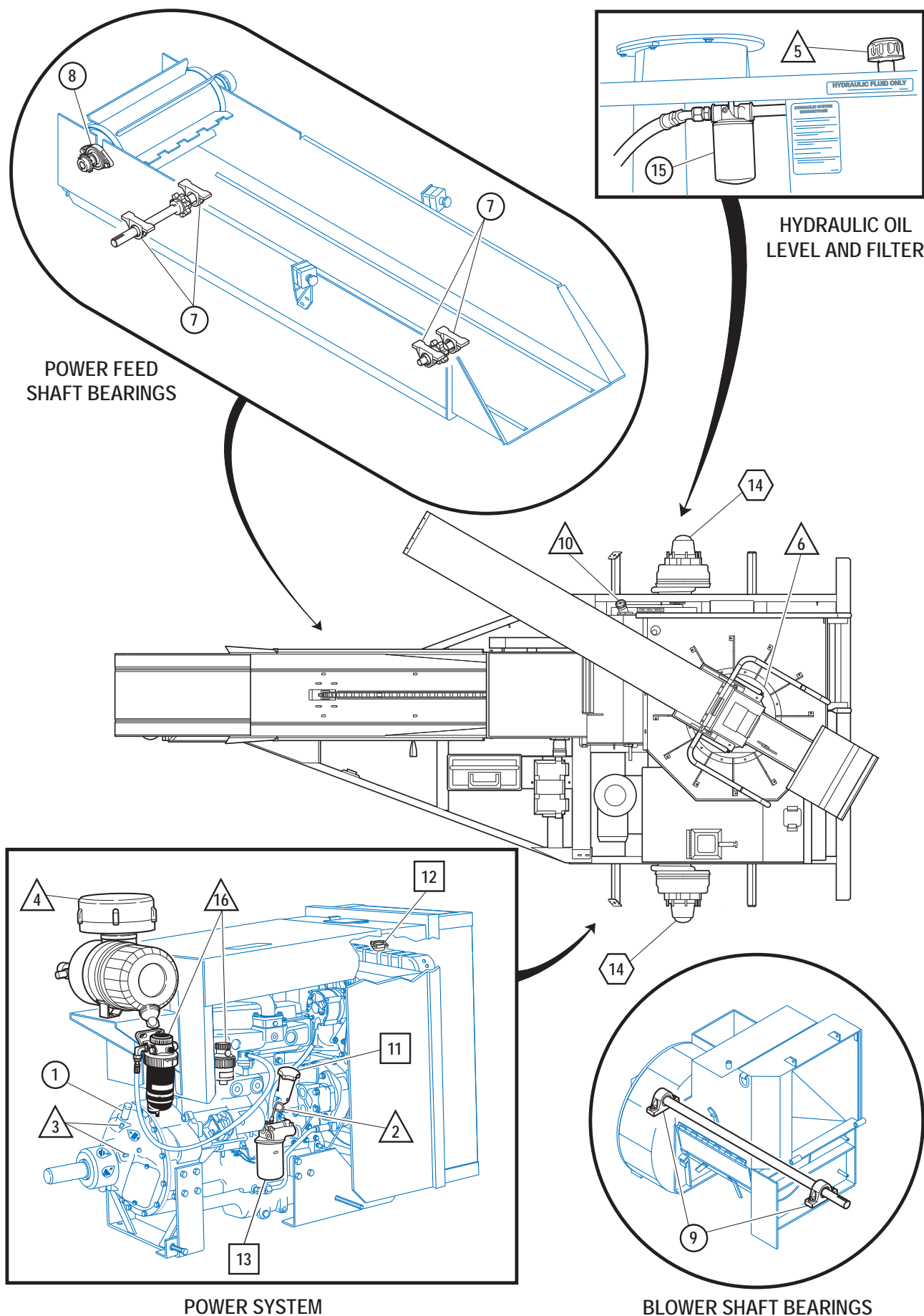
The NACD clutch is equipped with lifetime internal lubrication bearings and should not be lubricated. The operating shaft bearing (located where the drive shaft exits the clutch housing) should, however, be lubricated every 1 to 3 months, depending on usage. The clutch engage lever shaft should be lubricated weekly.

ADJUSTMENT

If the clutch does not pull, heats, or if the operating lever pops out of engagement, the clutch must be adjusted. To adjust the clutch, remove the nameplate located on the top-center of the power take-off housing. Turn the clutch shaft assembly until the adjusting lock pin can be reached. Disengage the adjusting lock pin and turn the adjusting ring clockwise until the clutch lever requires a distinct pressure to engage (approximately 26 lb of pull). A new clutch generally requires several adjustments until the friction surfaces are worn in. After the clutch is worn in, the adjustment should be checked regularly.



Do not adjust clutch too tightly. Over tightening can cause component failure.



LUBRICATION CHART

Ref. No.	Location	Lubricant	Frequency	Number
1	Clutch Shaft Bearing	CL	Weekly	1
2	Check Engine Oil Level	MO	Daily	1
3	Clutch Yoke Shaft	CL	Weekly	2
4	Check Air Cleaner		Daily	1
5	Check Hydraulic Oil Level	HO	Daily	1
	Change Hydraulic Oil and Filter	HO	Annually	1
6	Discharge Elbow Bearing	CL	Daily	1
	Rotate Elbow to six or eight different positions			
7	Power Feed Shaft Bearings	CL	Weekly	4
8	Feeder Roll Bearing	CL	Weekly	1
9	Blower Shaft Bearings	CL	Weekly	2
10	Check Fuel Tank Level	DF	Daily	1
11	Change Engine Oil	MO	See Engine Manual	1
12	Check Engine Coolant Level	AF	Daily	1
	Check Engine Coolant	AF	Seasonally	1
13	Check Oil Filter		See Engine Manual	1
14	Repack Wheel Bearings	CL	Seasonally	2
15	Change Hydraulic Oil Filter	HO	Seasonally	1
16	Check Fuel Filter		Daily	2

LUBRICANT OR FLUID USED

CL	Chassis Lubricant
MO	Motor Oil - See Engine Manual
AF	50/50 Antifreeze and Water Mixture
DF	Diesel Fuel
HO	Hydraulic Oil, ISO Grade 46

TIME KEY

DAILY (8 hours)



WEEKLY (40 hours)



SEASONALLY (500 hours)



ANNUALLY (2000 hours)



SEE ENGINE MANUAL



FLUID CAPACITIES

Fuel - 27 gal (102 L)

Hydraulic Oil - 8 gal (30 L)

Engine Coolant - 3.75 gal (14.2 L) 50/50 Mix Only

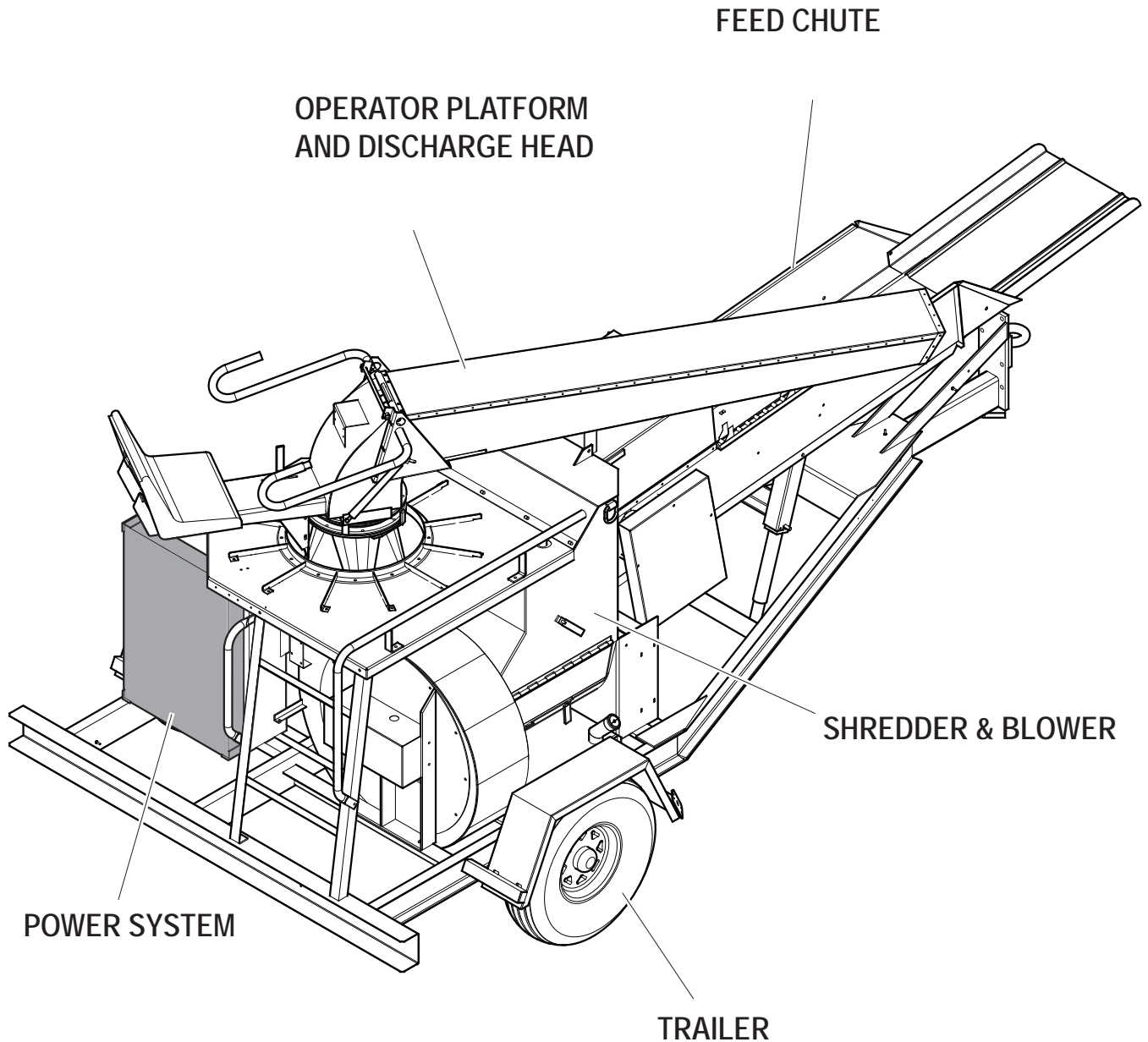
Engine Oil - 14 qts (13.3 L)

B260 Straw Blower Parts Manual

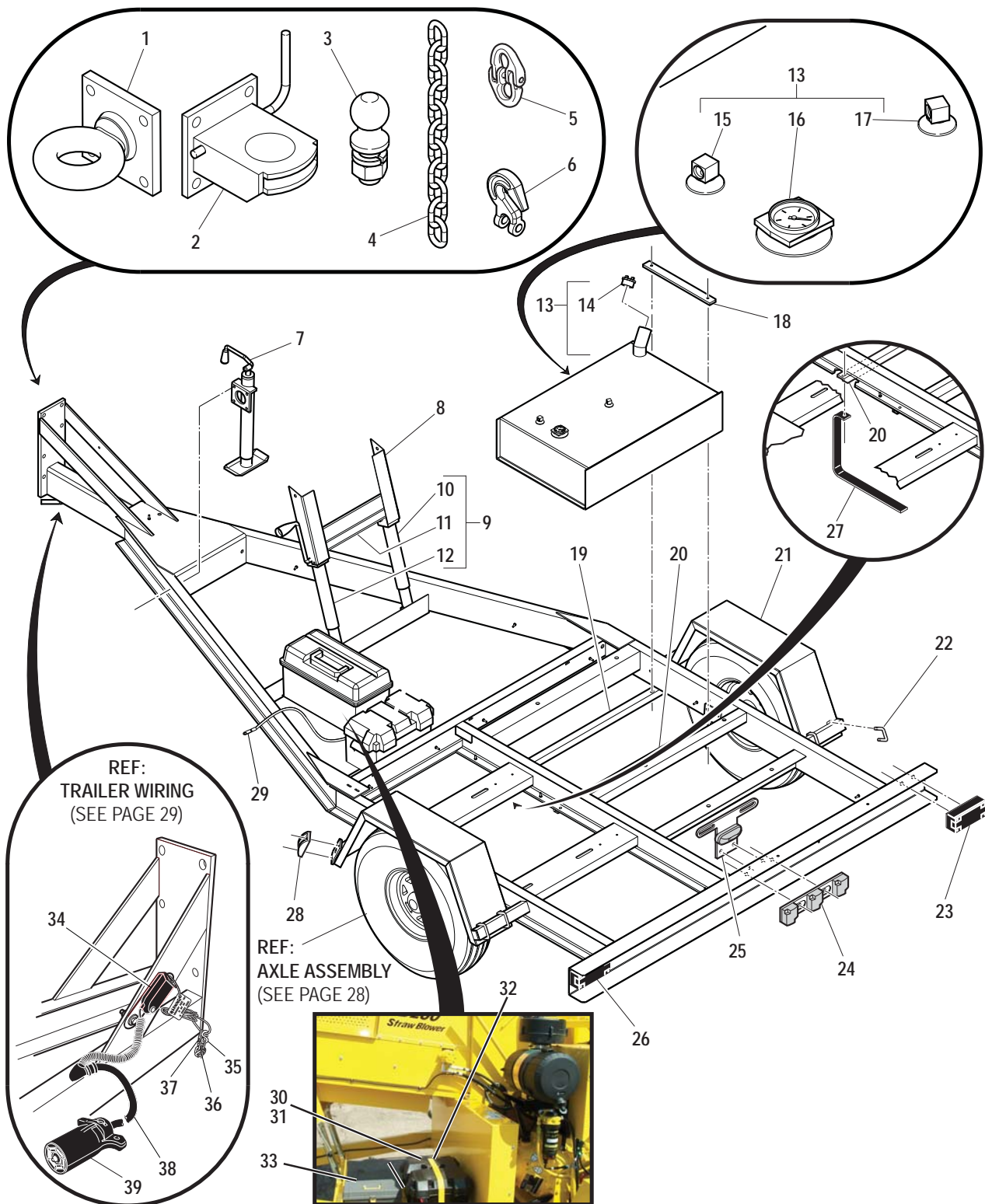
Model MM

**WHEN ORDERING PARTS, BE SURE TO STATE
SERIAL NUMBER OF MACHINE**

FINN B260 STRAW BLOWER



**WHEN ORDERING PARTS, BE SURE TO STATE
SERIAL NUMBER OF MACHINE**



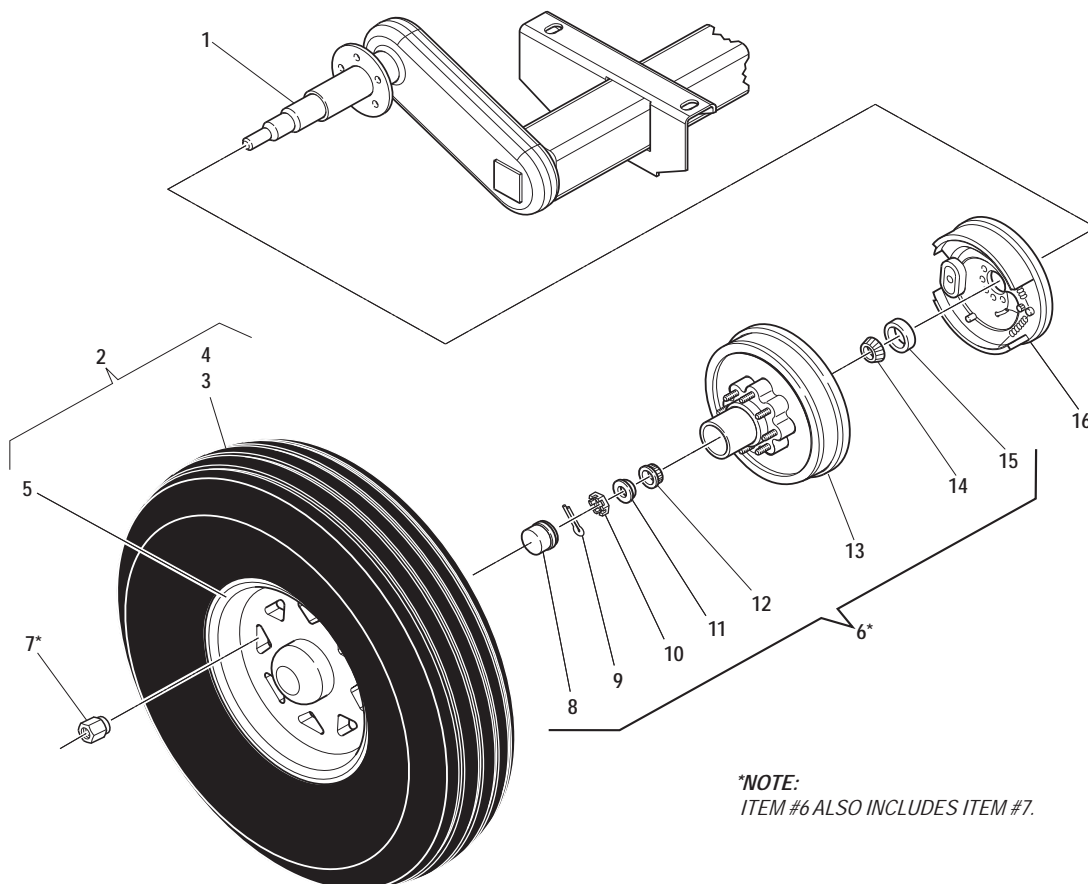
**WHEN ORDERING PARTS, BE SURE TO STATE
SERIAL NUMBER OF MACHINE**

TRAILER

Ref. No.	Part Number	Description	No. Required
1	080043	Tow Ring (Standard)	1
2	005134	Coupler (Optional)	1
3	005135	2-5/16 in. Ball (Optional)	1
4	190033	Safety Chain - 3 ft Length	2
5	004888	Coupling Link	2
6	023485	Clevis Grab Hook	2
7	022588	Frame Jack	1
8	023592	Dual Jack Mount	1
9	023938	Dual Jack Arrangement	1
10	023922	CEQUENT 2k Jack	2
11	023923	CEQUENT Crank Assembly	1
12	023591-07	Connecting Rod	1
13	023765	Fuel Tank Assembly	1
14	007914	Fuel Tank Cap	1
15	023770-02	Fuel Return Tube Assembly	1
16	022739-04	Fuel Level Gauge	1
17	023770-01	Fuel Suction Tube Assembly	1
18	023529-11	Front Fuel Tank Strap	1
19	023529-10	Rear Fuel Tank Support	1
20	023742	Fuel Tank Mounting Weldment	1
21	F60-0015	Fender	2
22	005545	U-Bolt	8
23	005138*	Right Taillight Assembly	1
	005137-A	Lens	1
24	005437	3-Bar Light	1
25	005436	License Light	1
26	005137*	Left Taillight Assembly	1
	005137-A	Lens	1
27	000489	Static Strip	1
28	FW71090*	Marker Light	2
29	012979-03	Red Battery Cable	1
	012979-05	Black Battery Cable	1
30	F400-0031	Battery Box Fab	1
	011770	Battery Box	2
	012979-01	Red Battery Jumper	1
	012979-02	Black Battery Jumper	1
31	011851*	Battery	2
32	F400-0038	Battery Box Hold Down	1
33	031389	Tool Box	1
34	023424*	Breakaway Switch	1
35	005016	S Hook	2
36	190029	Chain	1-1/2 ft
37	005017	Snap Hook	1
38	023762*	Trailer Wiring Harness	1
39	075592*	7-Blade Trailer Plug	1

***NOTE:** See Page 27 for Wiring Diagram.

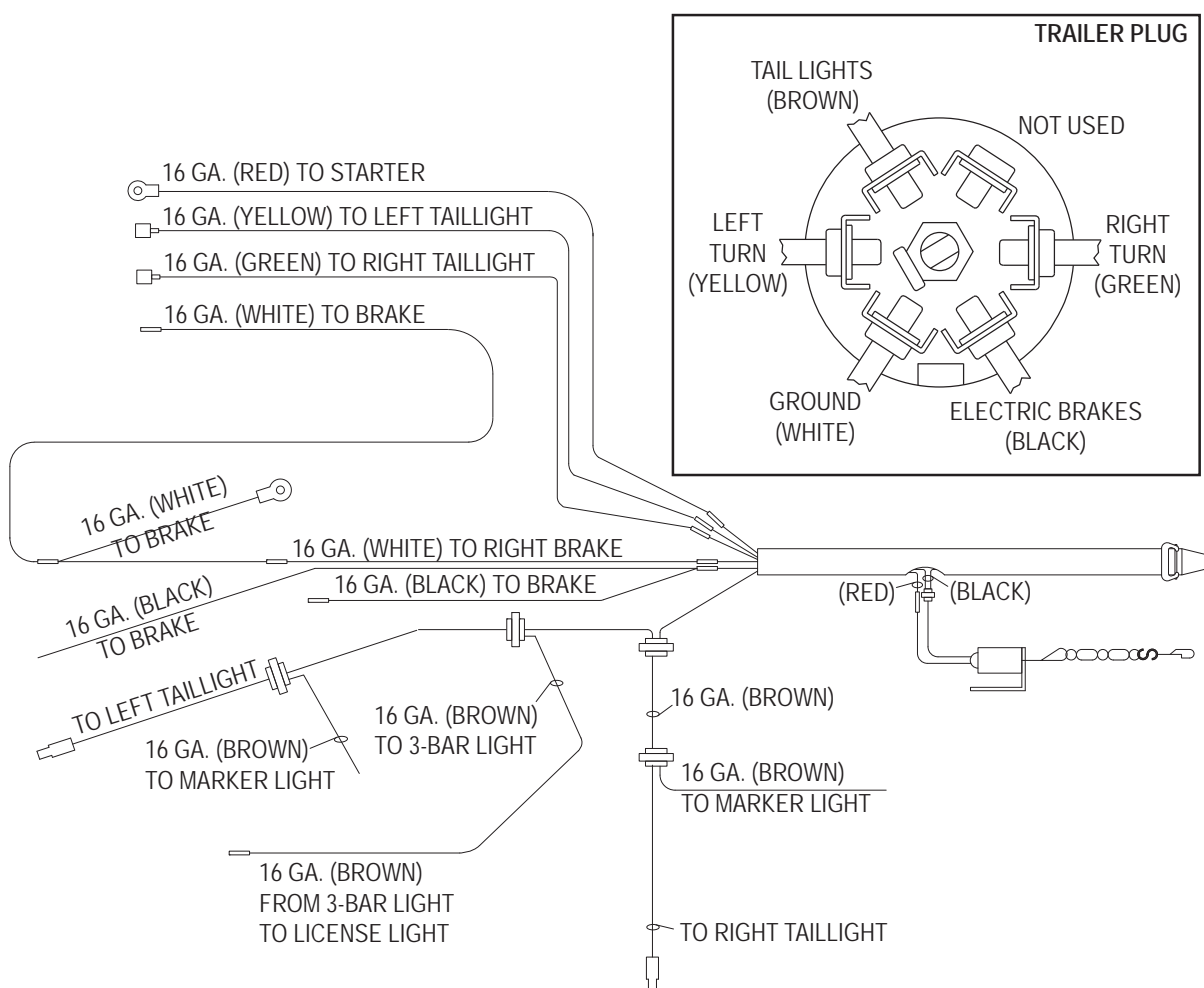
**WHEN ORDERING PARTS, BE SURE TO STATE
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AXLE ASSEMBLY

Ref. No.	Part Number	Description	No. Required
1	023919	Axle with Spindles, Hubs and Drums	1
2	080669	Wheel and Tire Assembly	2
3	080668	Tire	1 per
4	023780	Tire Valve	1 per
5	080663	Wheel	2
6	023919-W	Hub and Drum Assembly	2
7	WL6-80	Wheel Nut	8 per
8	023919-17	Grease Cap	1 per
9	023919-16	Cotter Pin	1 per
10	023919-15	Spindle Nut	1 per
11	023919-14	Spindle Nut Washer	1 per
12	023919-11	Outer Bearing	1 per
13	023919-10	Drum	1 per
14	023919-12	Inner Bearing	1 per
15	023919-13	Grease Seal	1 per
16	023919-7	Brake Assembly LH Side	1 per axle
	023919-8	Brake Assembly RH Side	1 per axle
NOT SHOWN			
	023919-18	Rubber Plug	1 per
	023919-9	Retaining Nut	10 per axle

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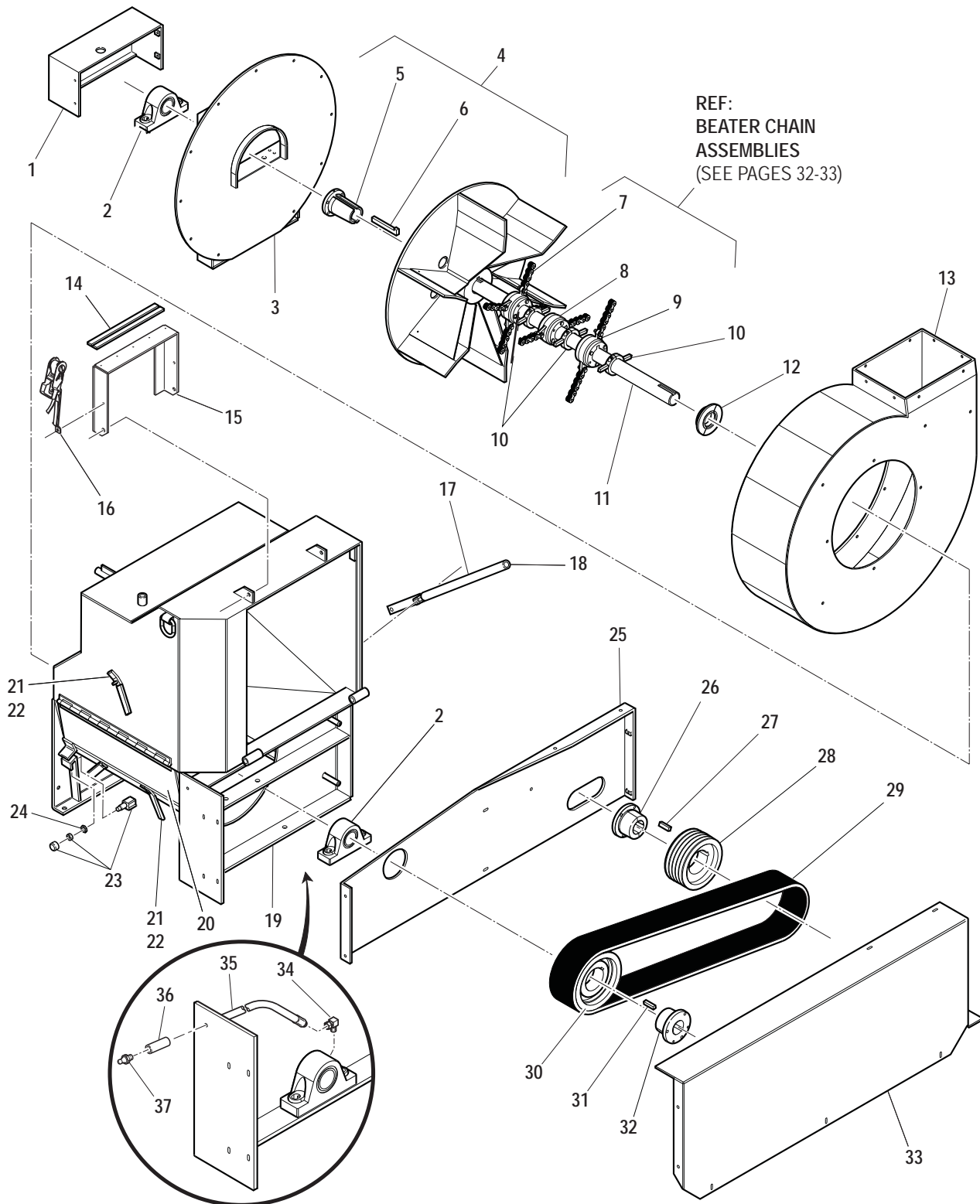


TRAILER WIRING

Part Number	Description	No. Required
023762	Trailer Wiring Harness	1
075592	7-Blade Trailer Plug	1
023424	Breakaway Switch	1
FW71090	Marker Light	2
005138	Right Taillight Assembly	1
005137	Left Taillight Assembly	1
005436	License Light	1
005437	3-Bar Light	1

NOTE: See Pages 24-25 for Locations of the above components.

**WHEN ORDERING PARTS, BE SURE TO STATE
SERIAL NUMBER OF MACHINE**



**WHEN ORDERING PARTS, BE SURE TO STATE
SERIAL NUMBER OF MACHINE**

SHREDDER BOX AND BLOWER HOUSING

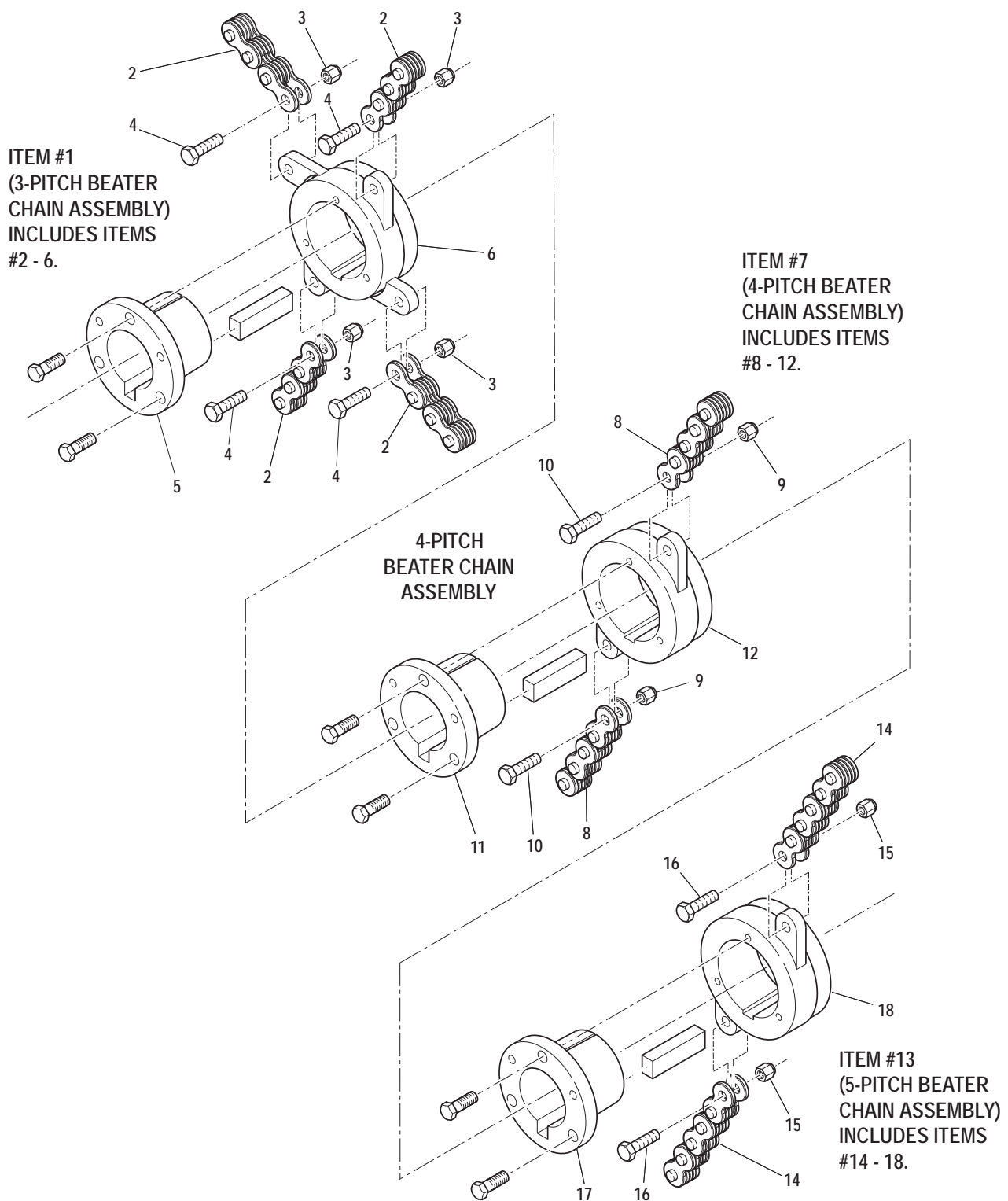
Ref. No.	Part Number	Description	No. Required
1	023418	Blower Shaft End Cover	1
2	021511	Bearing	2
3	023632	Blower Cover Weldment	1
4	023311	Blower Blade Assembly	1
5	021512	Bushing	1
6	022159	Key	1
7	021361*	Beater Chain Assembly - 3 Pitch	1
8	021822*	Beater Chain Assembly - 4 Pitch	1
9	023228*	Beater Chain Assembly - 5 Pitch	1
10	023334	Breaker Collar	3
11	021365	Blower Shaft	1
12	023752	Bearing Shield Assembly	1
13	023627	Blower Housing	1
14	023583-06	Rubber Holddown Pad	1
15	F260-0017	Tube Holddown	1
16	023527	Holddown Strap Assembly	1
17	023794-01	Clutch Handle	1
18	004996	1 in. Pipe Plug	1
19	023571	Shredder Box Weldment	1
20	023573	Access Door	1
21	023572-09	Door Latch	3
22	022202	Plastic Handle Grip	3
23	052436**	Door Switch	1
24	052707	Hex Nut	1
25	023536	Dust Guard	1
26	060030	Bushing	1
27	011441	Key	1
28	023595	Engine Clutch Sheave	1
29	023839	Drive Belt	1
30	060032	Blower Shaft Sheave	1
31	190127-32	Key	1
32	060305B	Bushing	1
33	023537	Belt Guard	1
34	160052	Elbow 90 Degree ST 1/8	1
35	023850	15 in. Lg. Grease Hose	1
36	160152	1/8 in. Standard Coupling	1
37	007705	1/8 in. NPTF Straight Grease Fitting	1

NOTES:

* See Pages 30 through 32 for component breakdown.

** See Pages 44 and 45 for Wiring Diagram

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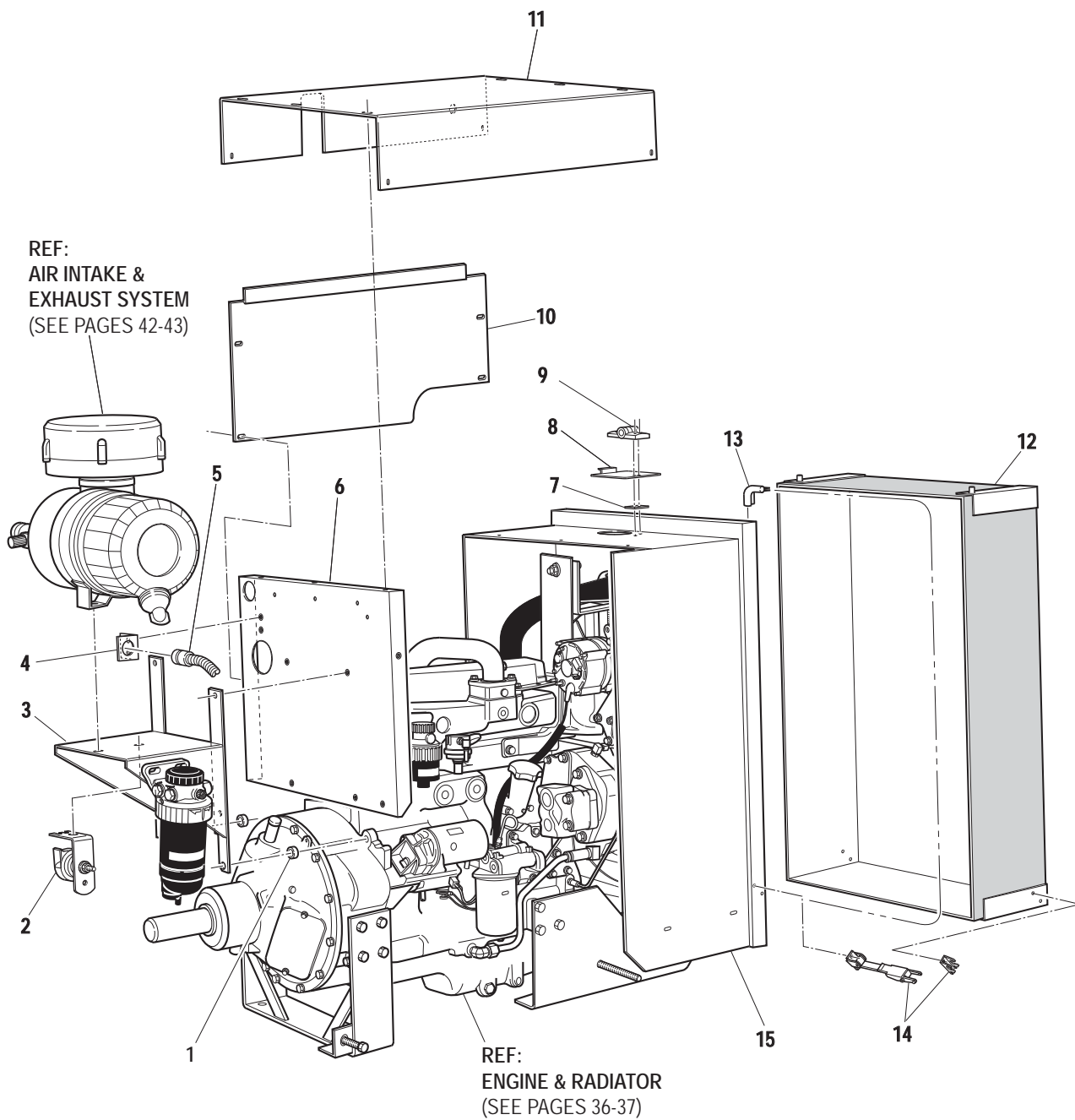


**WHEN ORDERING PARTS, BE SURE TO STATE
SERIAL NUMBER OF MACHINE**

BEATER CHAIN ASSEMBLIES

Ref. No.	Part Number	Description	No. Required
1	021361	Beater Chain Assembly - 3-Pitch	1
2	020111	Chain - 3-Pitch	4
3	022487	Nut	4
4	020119	Chain Pin	4
5	021363	Bushing	1
6	021555	Beater Hub Weldment	1
7	021822	Beater Chain Assembly - 4-Pitch	1
8	020110	Chain - 4-Pitch	1
9	022487	Nut	2
10	020119	Chain Pin	2
11	021363	Bushing	1
12	021824	Beater Hub Weldment	1
13	023228	Beater Chain Assembly - 5-Pitch	1
14	023363	Chain - 5-Pitch	2
15	022487	Nut	2
16	020119	Chain Pin	2
17	021363	Bushing	1
18	021824	Beater Hub Weldment	1

**WHEN ORDERING PARTS, BE SURE TO STATE
SERIAL NUMBER OF MACHINE**

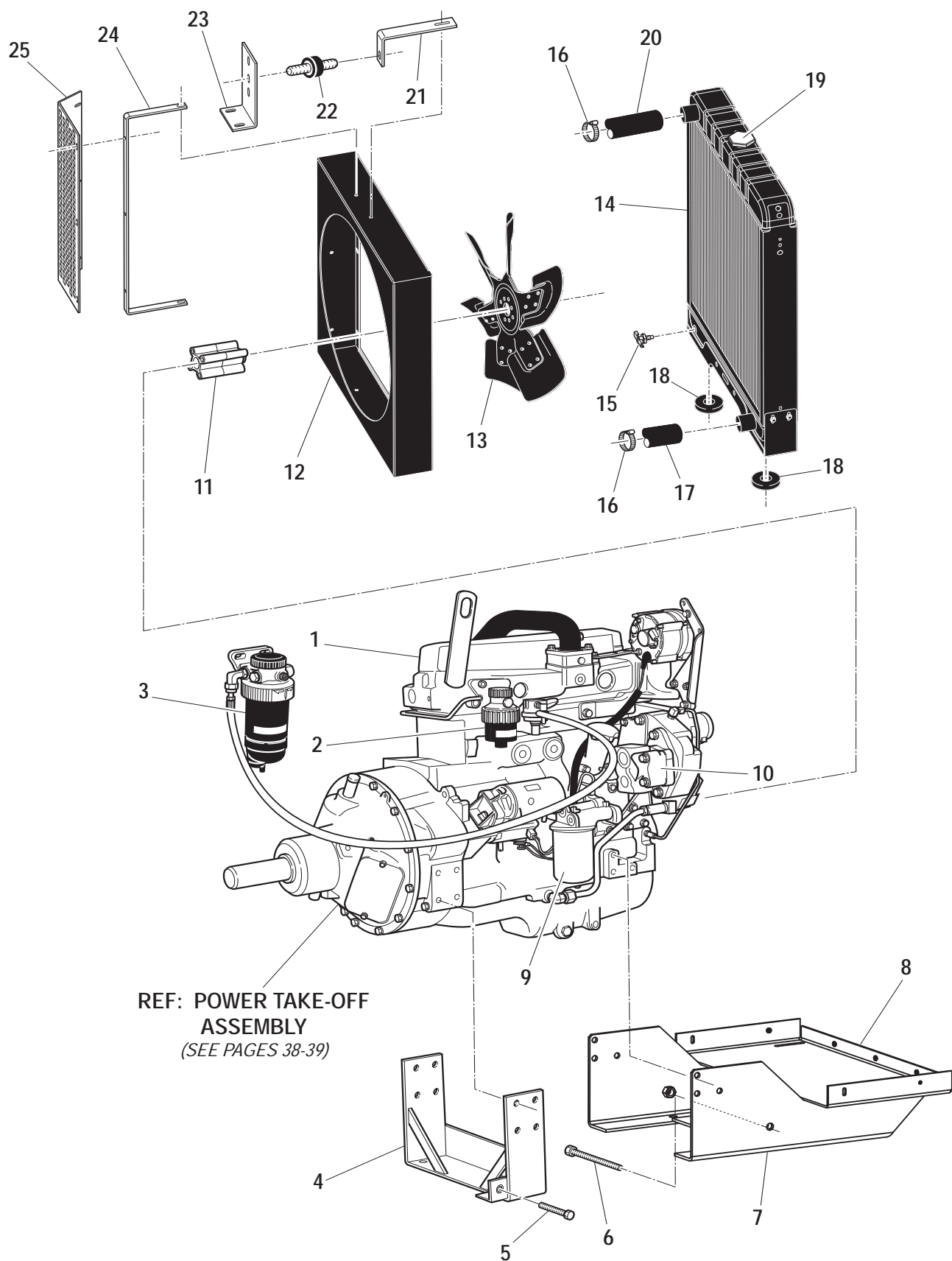


POWER SYSTEM

Ref. No.	Part Number	Description	No. Required
1	052398-08	Rear Spacer	2
2	006499*	Horn	1
3	023924	Air Cleaner Bracket	1
4	F260-0025	Engine Plug Bracket	1
5	JDR517320	Engine Wiring Harness	1
6	F260-0044	Rear Engine Panel	1
7	F260-0006-03	Hinge Spacer	1
8	F260-0006-02	Radiator Cap Cover	1
9	055669	Door Positioning Hinge	1
10	Removed	Engine Side Panel	N/A
11	F260-0045	Engine Top Cover	1
12	023666	Radiator Chaff Screen	1
13	190087	Chaff Screen Seal	124 in.
14	023667	Chaff Screen Latch	2
15	F260-0042	Radiator Shroud Weldment	1
	F260-0042-06	Side Filler Angle	2

* **NOTE:** See Pages 42-43 for Wiring Diagram.

**WHEN ORDERING PARTS, BE SURE TO STATE
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**WHEN ORDERING PARTS, BE SURE TO STATE
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ENGINE AND RADIATOR

Ref. No.	Part Number	Description	No. Required
1	023916	4045T Tier III Engine Assembly	1
2	JDRE529643	Primary Fuel Filter	1
3	JDRE5522878	Secondary Fuel Filter	1
4	023539	Rear Engine Foot	1
5	023166	Rear Jacking Bolt	1
6	023167	Front Jacking Bolt	1
7	F260-0041	Front Engine Mount	1
8	Removed	Air Deflector	N/A
9	JDRE541420	Oil Filter	1
10	023685	Hydraulic Pump*	1
11	JDSD443	Fan Spacer	1
12	JDSD284	Fan Shroud	1
13	053105	Fan	1
14	JD50-0532	Radiator Assembly	1
15	022452	Drain Cock	2
16	Removed	Hose Clamp	N/A
17	Removed	Lower Radiator Hose	N/A
18	023929	Rubber Isolator	1
19	023807	Radiator Cap	1
20	Removed	Upper Radiator Hose	N/A
21	F330-0135	Radiator Support Strap	1
22	023438	Rubber Shock Mount	1
23	F330-0131	Rear Radiator Mount	1
24	Removed	Fan Gaurd Mountijng Strap	N/A
25	Removed	Fan Gaurd	N/A

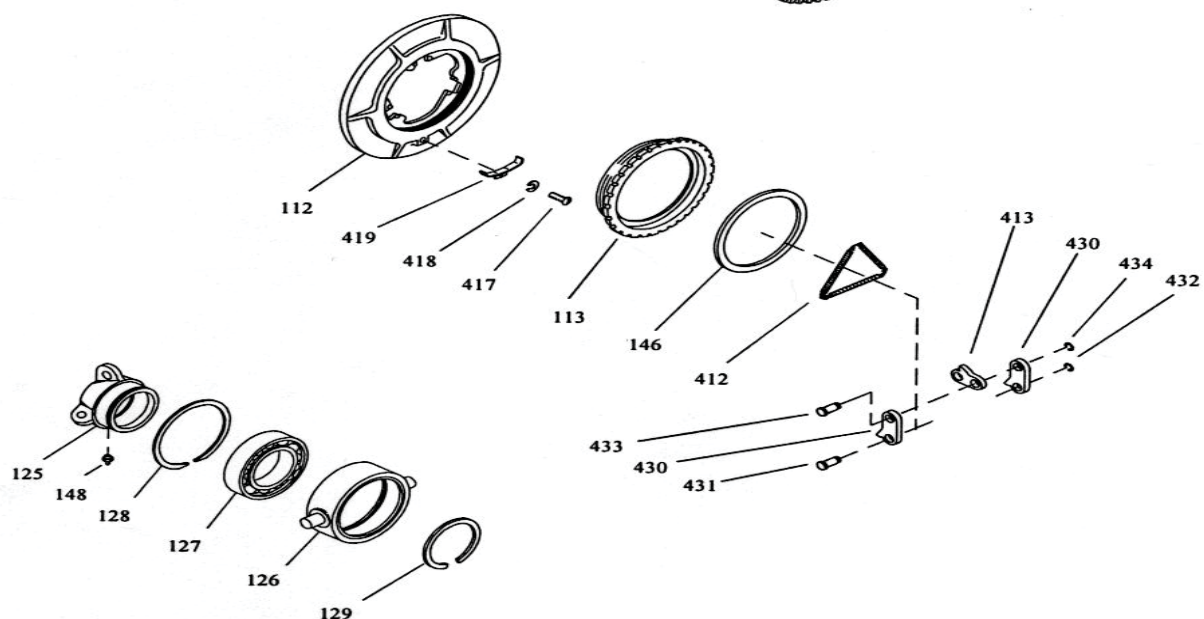
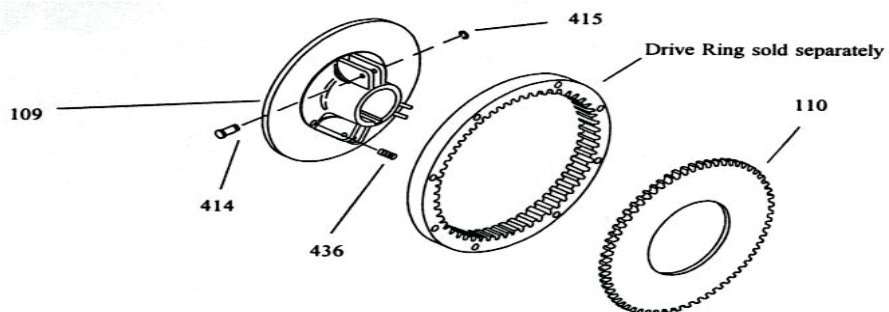
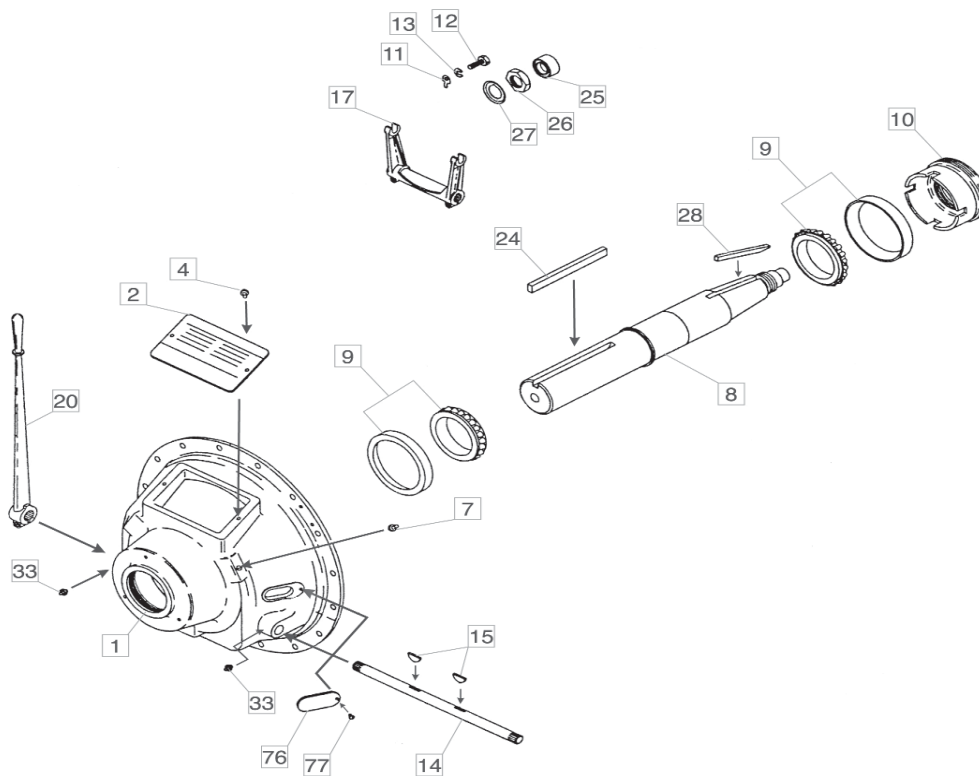
NOTES:

* See Pages 38-39 for Hydraulic System Layout.

NOT SHOWN

JD94100-0256	2.56 in. T-Bar Clamp	6
JDP532949	2.25 in. Silicone Hose	2
JDR128455	Upper Radiator Hose	1
JD32-H	Hose Clamp	1
JD50-0073	Upper Radiator Pipe	1
JDP148337	2 in. T-Bolt Clamp	2
JDR135730	2 in. x 2.25 in. x 3 in. Hose Adapter	2
JD50-0265	Lower Radiator Pipe	1

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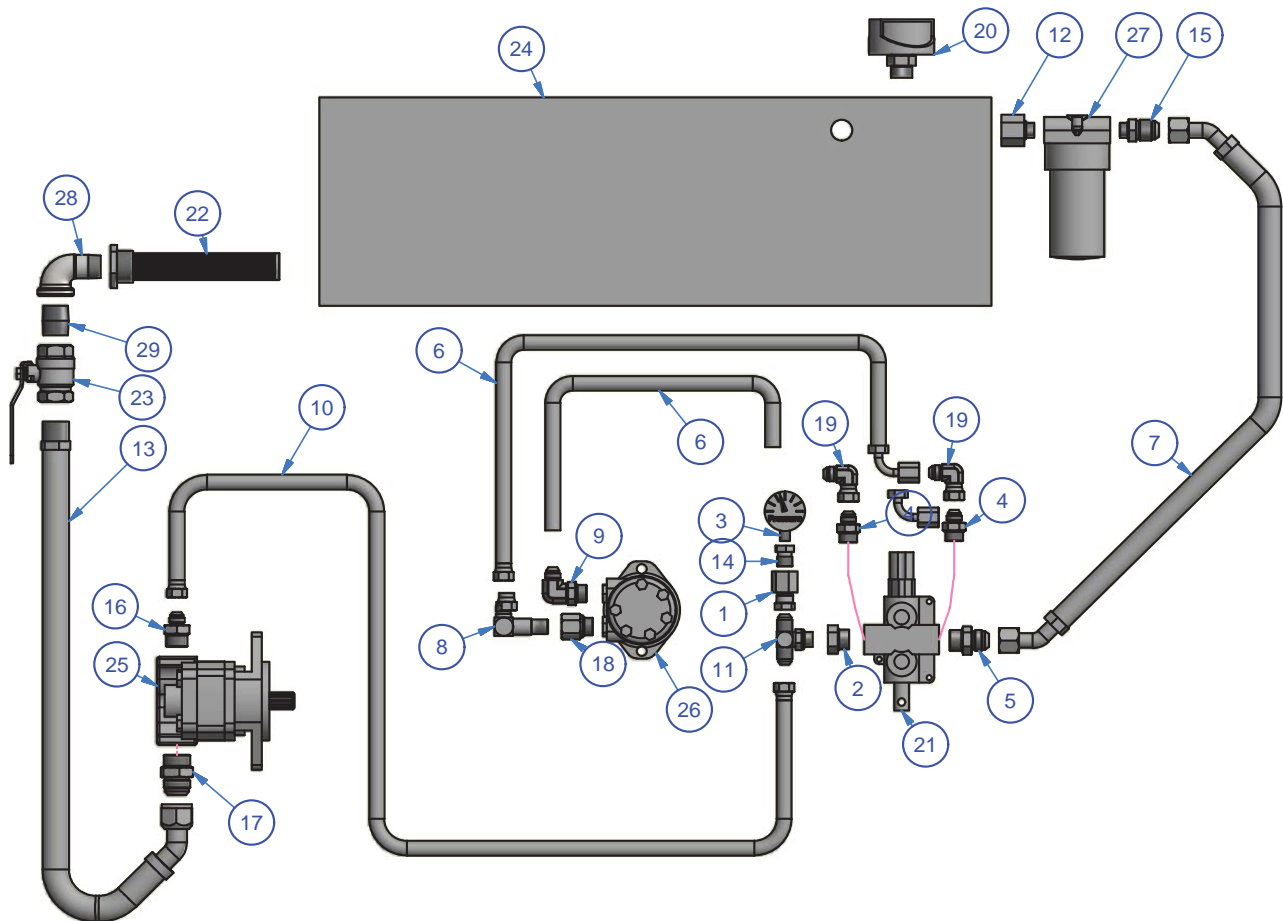


**WHEN ORDERING PARTS, BE SURE TO STATE
SERIAL NUMBER OF MACHINE**

POWER TAKE-OFF ASSEMBLY

Ref. No.	Part Number	Description	No. Required
	012069	Power Take-Off Assembly - SAE #4 w/10 in. Clutch	
1	012069-1	Bell Housing	1
2	012069-2	Name Plate	1
4	012069-4	Bolt	2
7	012069-7	Grease Zerk	1
8	012069-8	Drive Shaft	1
9	012069-9	Main Bearings	2
10	012069-10	Bearing Retainer	1
11	012069-11	Adjusting Lock	1
12	012069-12	Lock Bolt	1
13	012069-13	Lock Washer	1
14	012069-14	Cross Shaft	1
15	012069-15	Woodruff Key	1
17	012069-17	Yoke Sub Assembly	1
20	012069-20	Shifting Lever Sub Assembly	1
24	012069-24	Output Key	1
25	012069-25	Pilot Bearing (furnished by customer)	1
26	012069-26	Nut	1
27	012069-27	Locking Washer	1
28	012069-28	Clutch Key	2
33	012069-33	Grease Fitting (cross shaft)	1
76	012069-76	Cover Plate	1
77	012069-77	Machine Screw	1
78	012069-78	Headless Set-Screw (Not Shown)	1
79	012069-79	Clutch Assembly	1
109	012069-109	Clutch Body	1
110	012069-110	Facing Plate	1
112	012069-112	Pressure Plate	1
113	012069-113	Adjusting Ring	1
125	012069-125	Release Sleeve	1
126	012069-126	Bearing Carrier	1
127	012069-127	Release Bearing	1
128	012069-128	Internal Snapping	1
129	012069-129	External Snapping	1
132	012069-132	Sleeve and Bearing Assembly (125-129 and 148)	1
136	012069-136	Pressure Plate Assembly (112, 113, and 146)	1
146	012069-146	Wear Ring	1
148	012069-148	Grease Fitting (in Release Sleeve)	1
412	012069-412	Lever Spring	1
413	012069-413	Lever	3
414	012069-414	Clevis Pin	3
415	012069-415	Retaining Ring	3
417	012069-417	Lock Bolt	1
418	012069-418	Lock Washer	1
419	012069-419	Adjustment Lock	1
430	012069-430	Link	6
431	012069-431	Clevis Pin	3
432	012069-432	Retaining Ring	3
433	012069-433	Clevis Pin	3
434	012069-434	Retaining Spring	3
436	012069-436	Release Bearing	3
No Number	012069-935	Drive Ring	1

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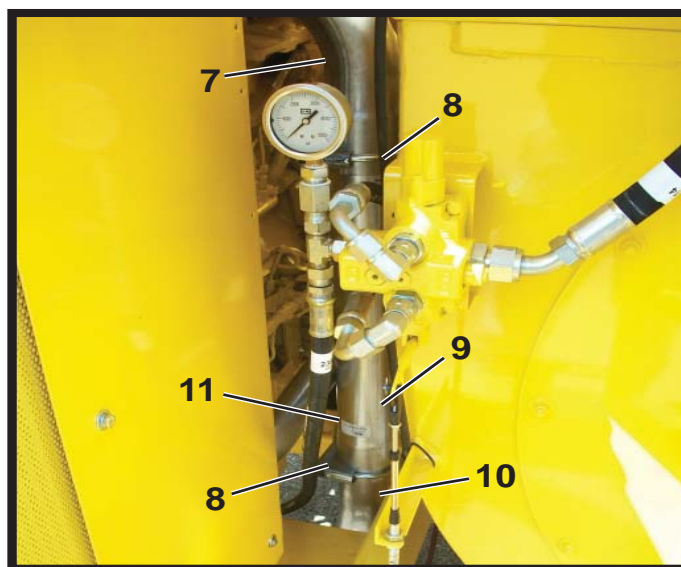
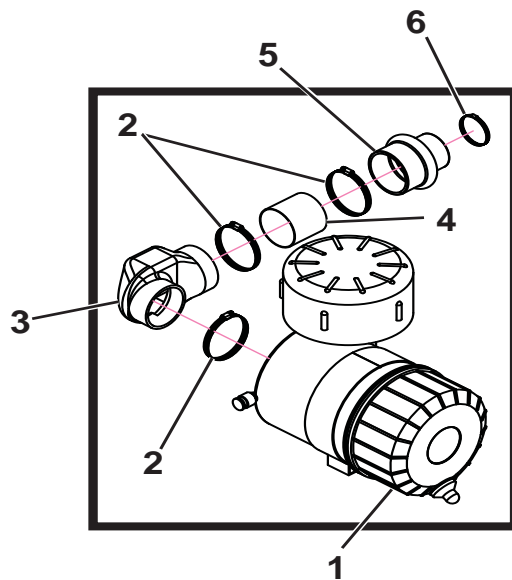


**WHEN ORDERING PARTS, BE SURE TO STATE
SERIAL NUMBER OF MACHINE**

HYDRAULIC SYSTEM

Ref. No.	Part Number	Description	No. Required
1	008690	Air-Way #6506-8-8	1
2	008691	Air-Way #6410-12-8	1
3	012044	Pressure Gauge #CF-5000-25	1
4	012086	Lenz #A3105-8-10 (Midstate #6400-08-10)	2
5	012087	Lenz #A3105-12-12	1
6	023612	1/2 in. 100R2 Hyd. Hose x 63 in. 90 Degree	2
7	023614	3/4 in. 100R4 Hyd. Hose x 34 in. 45 Degree	1
	023731	Seal Kit	1
8	023618	Lenz #3405L-8-8	1
9	023621	Lenz #A3405-8-10	1
10	023810	1/2 in. 100R2 Hyd. Hose x 67 in.	1
11	0023899	Air-Way #6803-8-8-8	1
12	023911	Air-Way #6405-8-12-O	1
13	023932-01	1 in. Hyd. Hose x 41 in. OAL w/ 1 in.	1
14	055229	Lenz #8-4HB	1
15	055233	Lenz #A3105-12-08 (Midstate #6400-12-08)	1
	023120	Seal Kit	1
16	055359	Lenz# A3105-8-12	1
17	055383	Lenz #A3105-16 (Midstate #6400-16-16)	1
18	070408	Lenz #APC-10-8	1
19	FW71870	Lenz #3505SW-8 (Midstate #6500-8-8)	2
20	005793	Hydac Filler/Breather	1
21	008686	Brand Hydraulic Valve	1
22	011466	Suction Strainer	1
	023858	Seal Kit	1
23	021559	1 in. NPT Ball Valve	1
24	023568	Hydraulic Reservoir	1
25	023685	Hydraulic Pump #P315A196UQAB07-65	1
26	023710	Hydraulic Motor Danfoss #151-7045	1
27	023913	Hydac Filter Assembly #02089142	1
	023914	Filter Element	1
28	160062	1 in. 90 Degree Street Elbow	1
29	160305	1 in. Standard Close Nipple	1

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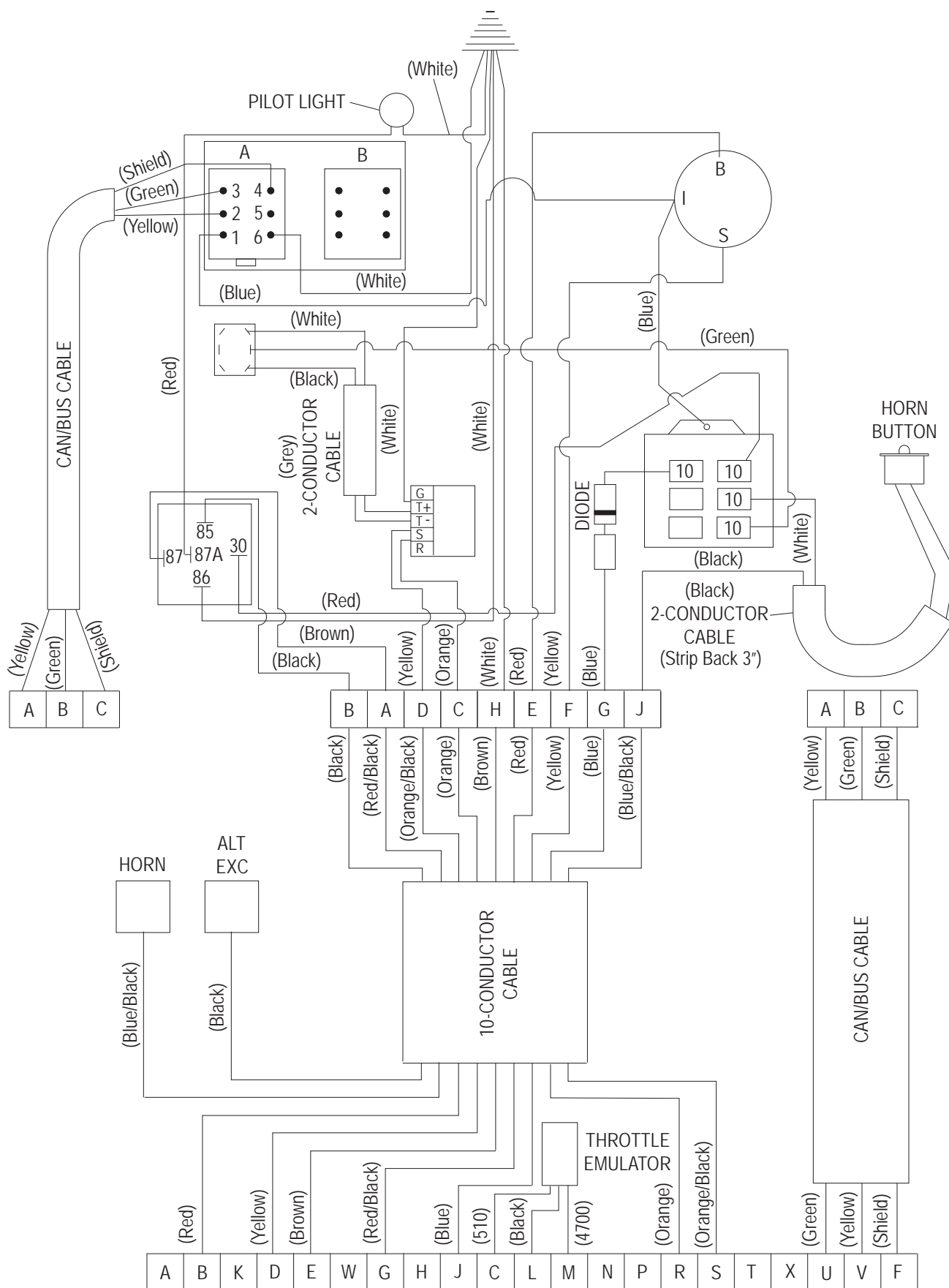


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AIR INTAKE AND EXHAUST SYSTEM

Ref. No.	Part Number	Description	No. Required
		Air Intake Assembly	
1	013135	Air Cleaner	1
	013135-M	Main Filter Element	1
	013135-S	Safety Filter Element	1
2	055335	4 in. Air Intake Clamp	3
3	075247	4 in. Cobra Elbow	1
4	023931	Air Intake Tube	1
5	055498	4 in. to 3 in. Hump Reducer	1
6	055496	3 in. Air Intake Clamp	1
7	023928	Exhaust Elbow Weldment	1
8	023801	3.5 in. Muffler Clamp	2
9	023935	Exhaust Pipe	1
10	023939	Modified Exhaust Elbow	1
11	F260-0047	Exhaust Bracket	1

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CONTROL BOX WIRING DIAGRAM

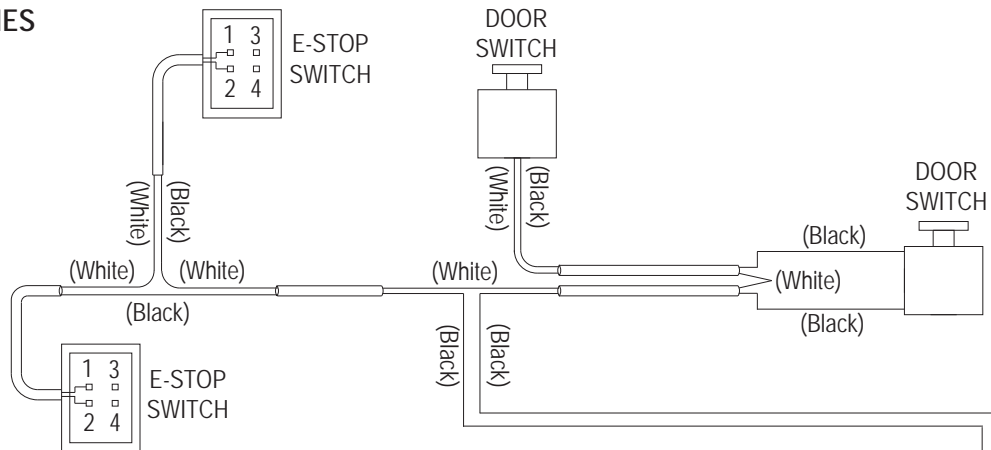
Part Number	Description	No. Required
023868	Tier II Control Box Cable Assembly	1
FW71555	Toggle Switch	1
080526	Switch Boot	1
052076	Key Switch	1
023076	Key For Ignition Switch	1
023869	Modified Control Box	1
012739	PowerView	1
023892	PowerView Cable w/ Resistor	1
006245	Pilot Light	1
022425	Diode	1
FW71749-02	30 Amp Relay	1
012727	Throttle Control Card	1
052118	Circuit Fuse Panel	1
045056	10 Amp Blade Mount Circuit Breaker	4
006499	Horn*	1
023720	Horn Button	1
JDRE503681	Throttle Emulator	

NOTES:

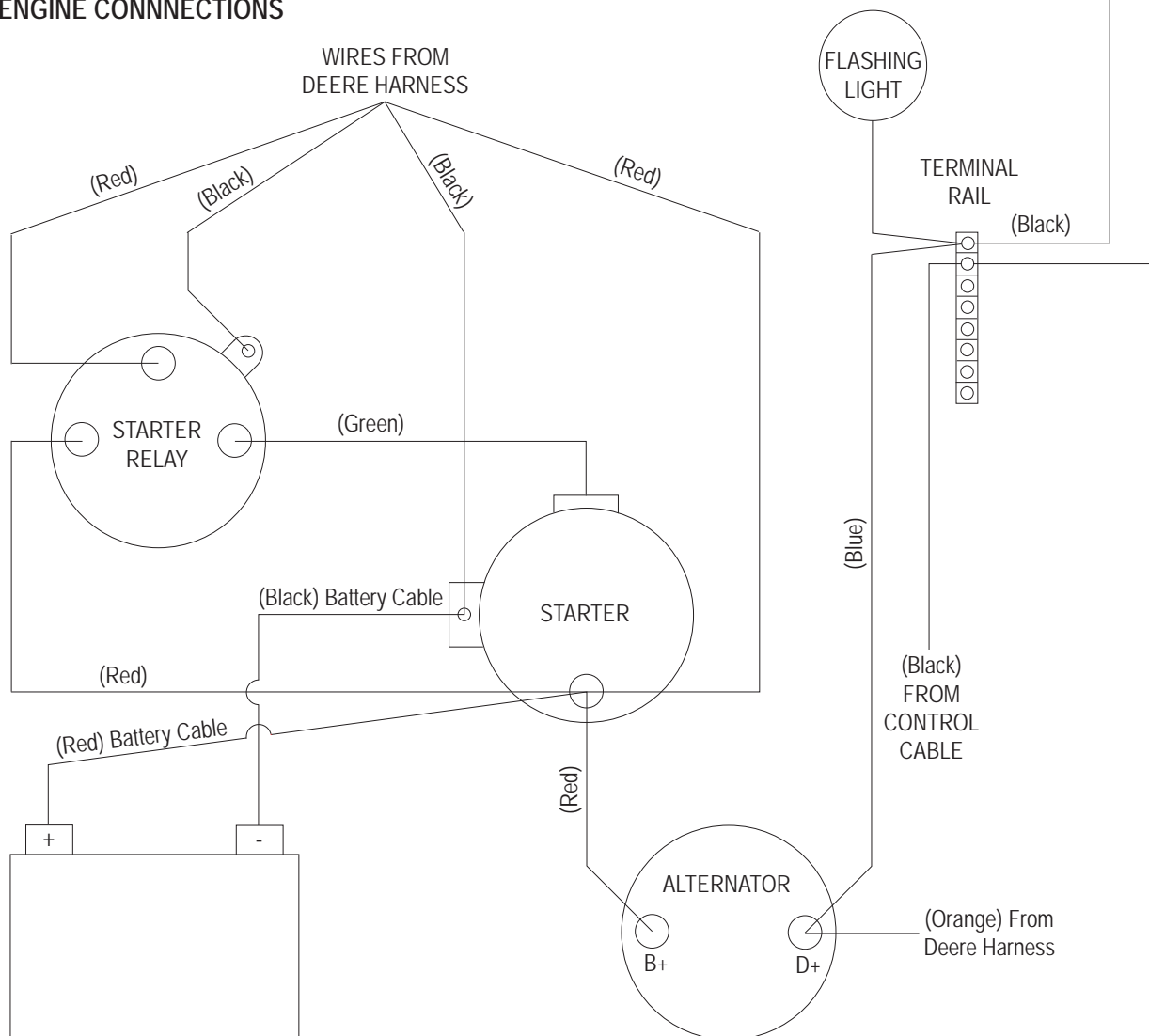
* See Pages 32-33 For Location.

**WHEN ORDERING PARTS, BE SURE TO STATE
SERIAL NUMBER OF MACHINE**

SAFETY SWITCHES



ENGINE CONNECTIONS



**WHEN ORDERING PARTS, BE SURE TO STATE
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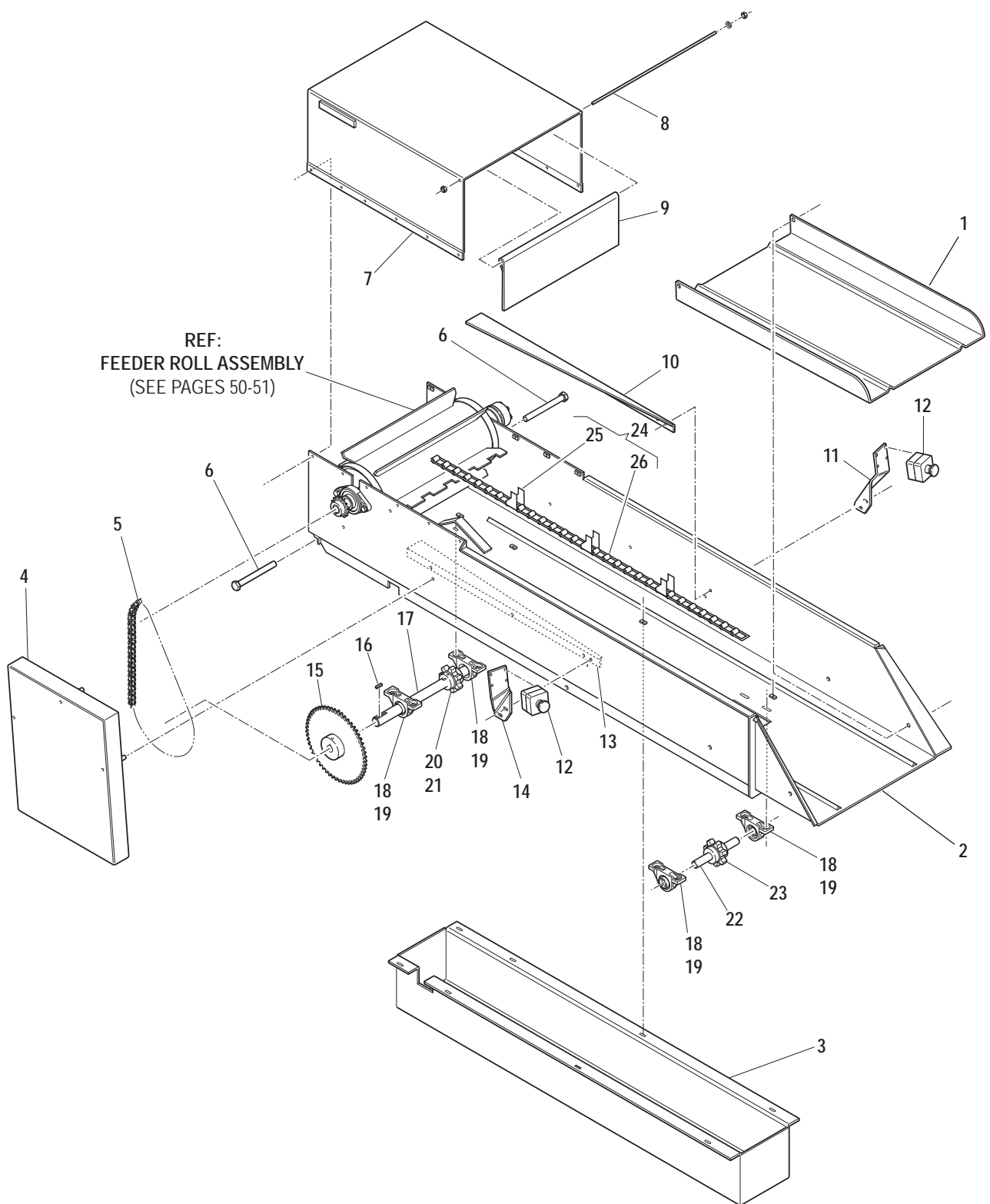
ENGINE WIRING DIAGRAM

Part Number	Description	No. Required
012970	E-Stop and Enclosure*	2
052436	Door Switch**	1
011851	Interstate Battery C27-XHD	1
000241	Ground Strap	1
012979-03	Red Battery cable	1
012979-05	Black Battery Cable	1
012979-01	Red Battery Jumper	1
012979-02	Black Battery Jumper	1
007336	Amber Flashing Light****	1
021198	Flasher	1
075522	1-1/4 in. Dia Loop Clamp	1
022891	Starter Relay	1
031401	Stud Type Junction Block - 8 Std	1

NOTES:

- * See Pages 46-47 for Location
- ** See Pages 30-31 and 50-51 for Location
- *** See Pages 24-25 for Location
- **** See Pages 50-51 for Location

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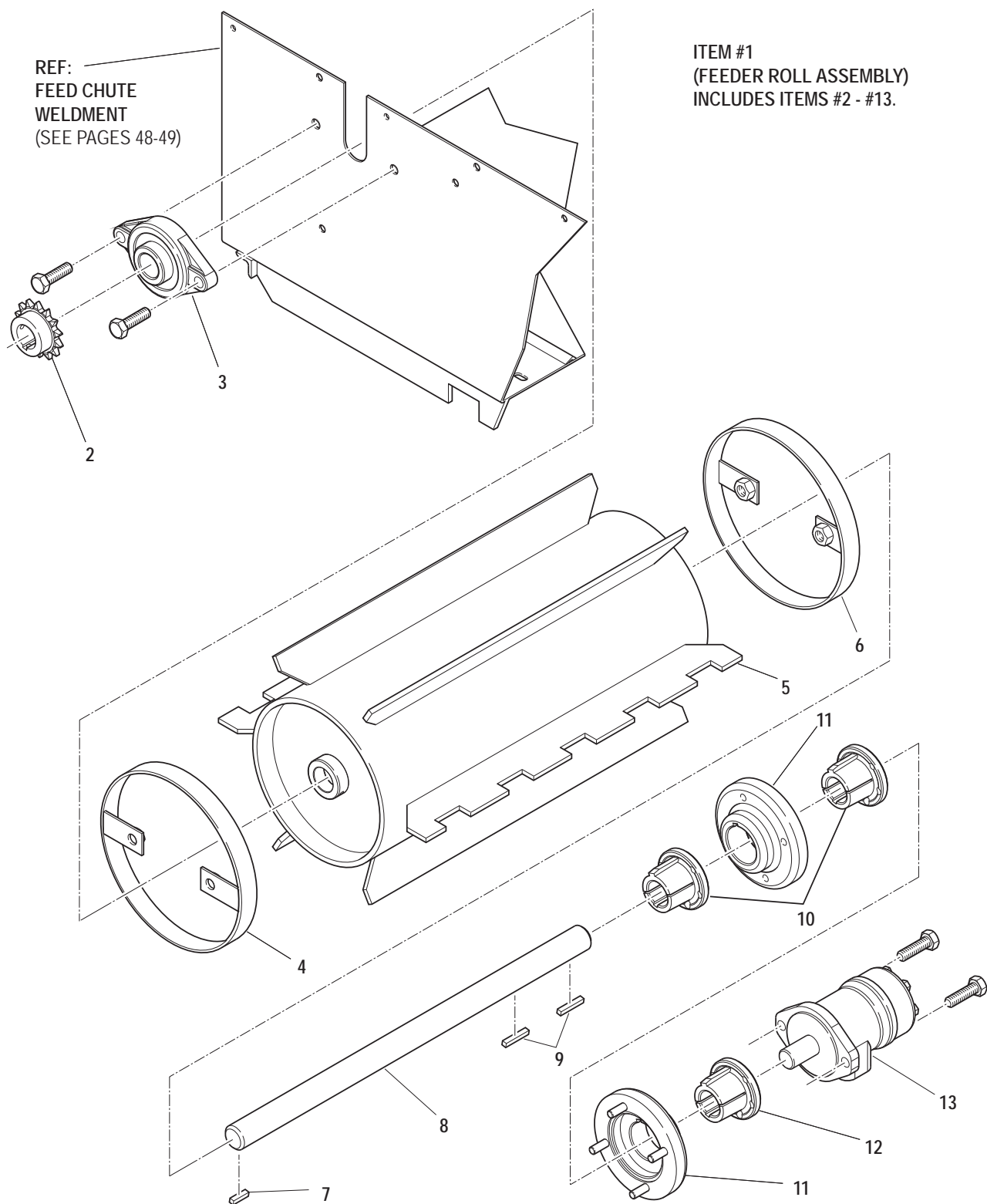
FEED CHUTE ASSEMBLY

Ref. No.	Part Number	Description	No. Required
1	023542	Feed Chute Extension	1
2	023570	Feed Chute Weldment	1
3	023590	Feed Chain Guard	1
4	023361	Drive Chain Guard	1
5	023153	Drive Chain	1
6	X12112	Hinge Bolt	2
7	023171-01	Feed Chute Cover	1
8	023348-02	Air Baffle Door Rod	1
9	F260-0016	Air Baffle Door	1
10	023158-02	Bale Holder - Right Hand Side	1
11	F260-0020-01	Right Hand E-Stop Mount	1
12	012970	E-Stop and Enclosure*	2
13	023158-01	Bale Holder - Left Hand Side	1
14	F260-0020-02	Left Hand E-Stop Mount	1
15	023134	Drive Sprocket	1
16	190123-16	Key	1
17	023198	Drive Shaft	1
18	020386	Feed Chain Shaft Bearing	4
19	021823	Grease Fitting	1 per
20	021517-02	Sprocket With Key	1
21	190123-24	Key	1
22	023197	Idler Shaft	1
23	021517-01	Sprocket - Plain Without key	1
24	021516	Feed Chain	1
25	020687	Pick Chain Link	A/R
26	020686	Plain Chain Link	A/R

NOTE:

* See Pages 44-45 for Wiring Diagram.

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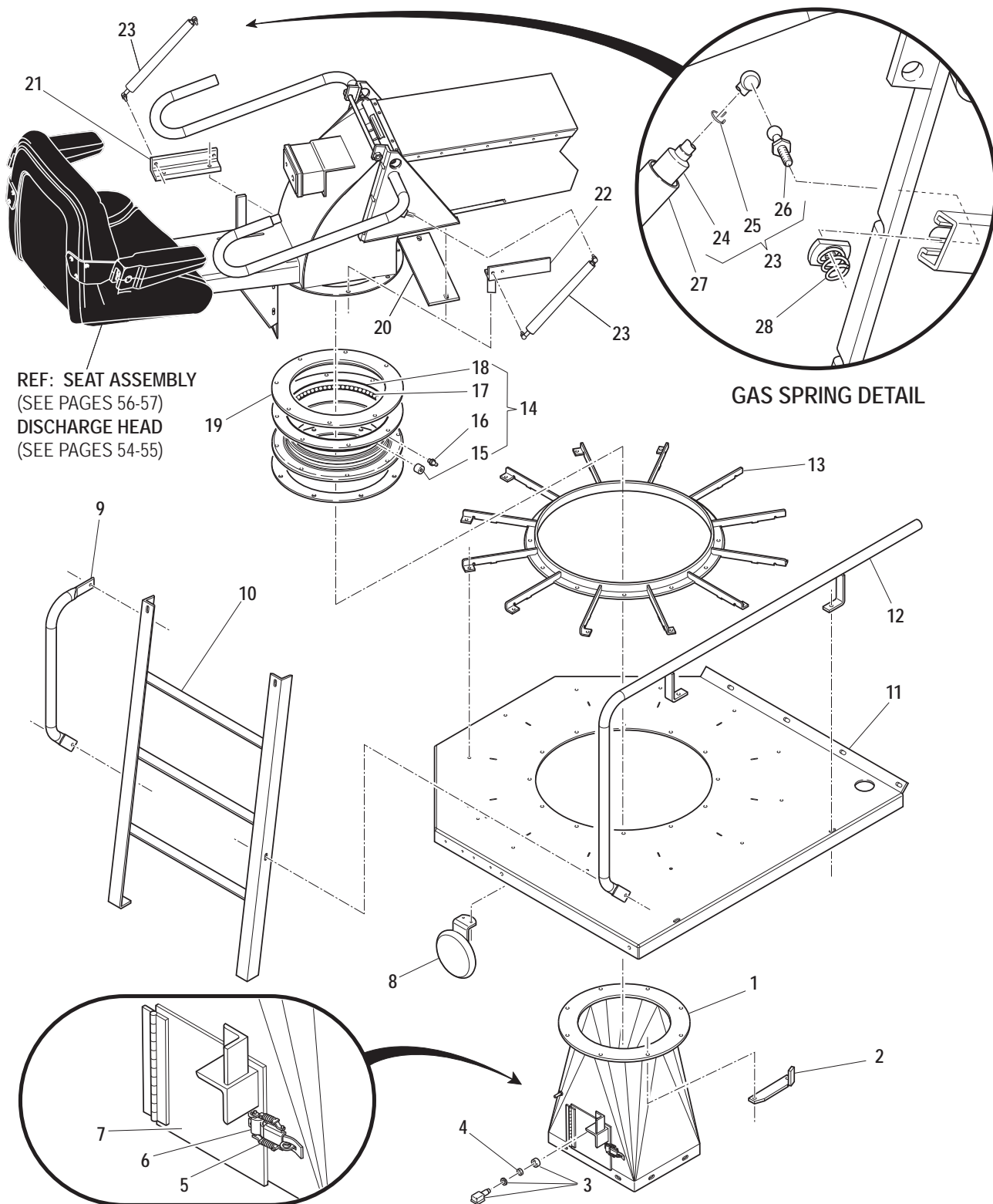
FEEDER ROLL ASSEMBLY

Ref. No.	Part Number	Description	No. Required
1	023189	Feeder Roll Assembly	1
2	023596	Drive Sprocket	1
3	020586	Flange Bearing	1
4	023125	Feeder Roll End Cap - Bearing Side	1
5	023123	Feeder Roll Weldment	1
6	023152	Feeder Roll End Cap - Motor Side	1
7	190123-16	Key	1
8	023190	Feeder Roll Drive Shaft	1
9	190123-24	Key	2
10	021440	Bushing	2
11	023156	Rigid Coupling	1
12	000393B	Bushing	1
13	023754	Hydraulic Motor*	1
	023858	Seal Kit	1

NOTE:

* See Pages 38-39 for Hydraulic System Diagram.

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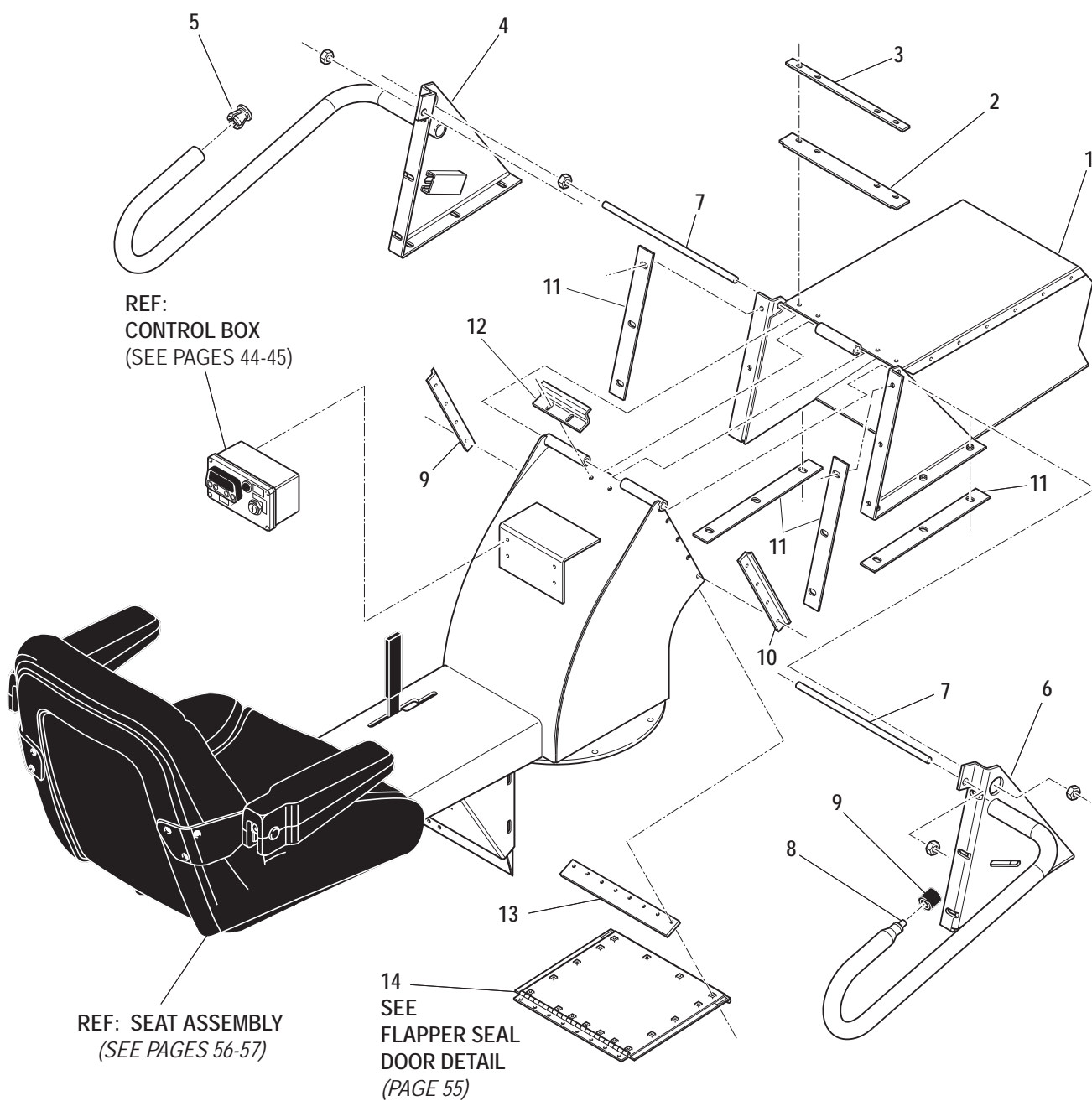
OPERATOR PLATFORM

Ref. No.	Part Number	Description	No. Required
1	023626	Lower Transition	1
2	023633-02	Rotary Stop	1
3	052436	Door Switch*	1
4	052707	Hex Nut	1
5	023689	Catch	1
6	023690	Strike	1
7	023688	Access Door	1
8	007336	Amber Flashing Light*	1
9	023638-03	Hand Rail	1
10	023551	Ladder	1
11	023549	Platform	1
12	023638	Guard Rail	1
13	023836	Kick Strap Assembly	1
14	023374	Bearing Assembly	1
15	023473	Allen Wrench Pipe Plug	1
16	021823	Grease Fitting	2
17	023350	Bearing Balls	81
18	023351	O-ring	1
19	023368	Gasket	2
20	023587-01	Elbow Support Plate	1
21	023633-03	Gas Spring Lower Mount - Left Hand Side	1
22	023633-01	Gas Spring Lower Mount - Right Hand Side	1
23	023657	Gas Spring Assembly	2
24	023609	Gas Spring	1 per
25	023611	Safety Clip	2 per
26	023610	Ball Stud	2 per
27	023160	Gas Spring Cover	2
28	080086	Spring Nut	2

NOTE:

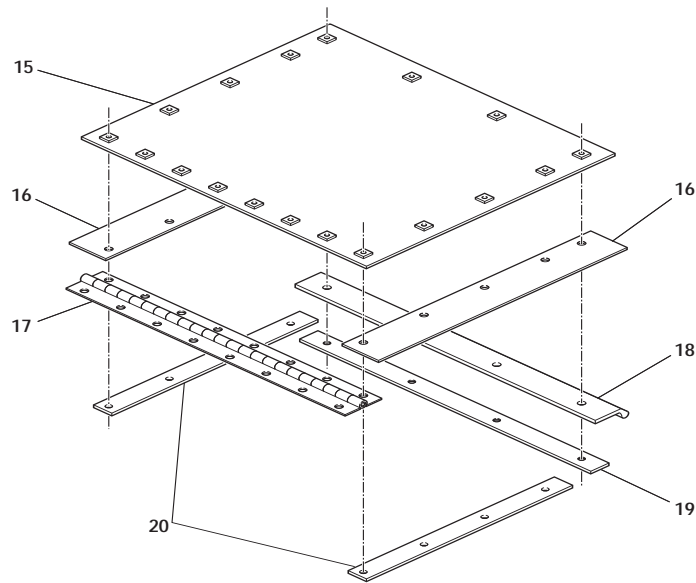
* See Pages 44-45 for Wiring Diagram

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**WHEN ORDERING PARTS, BE SURE TO STATE
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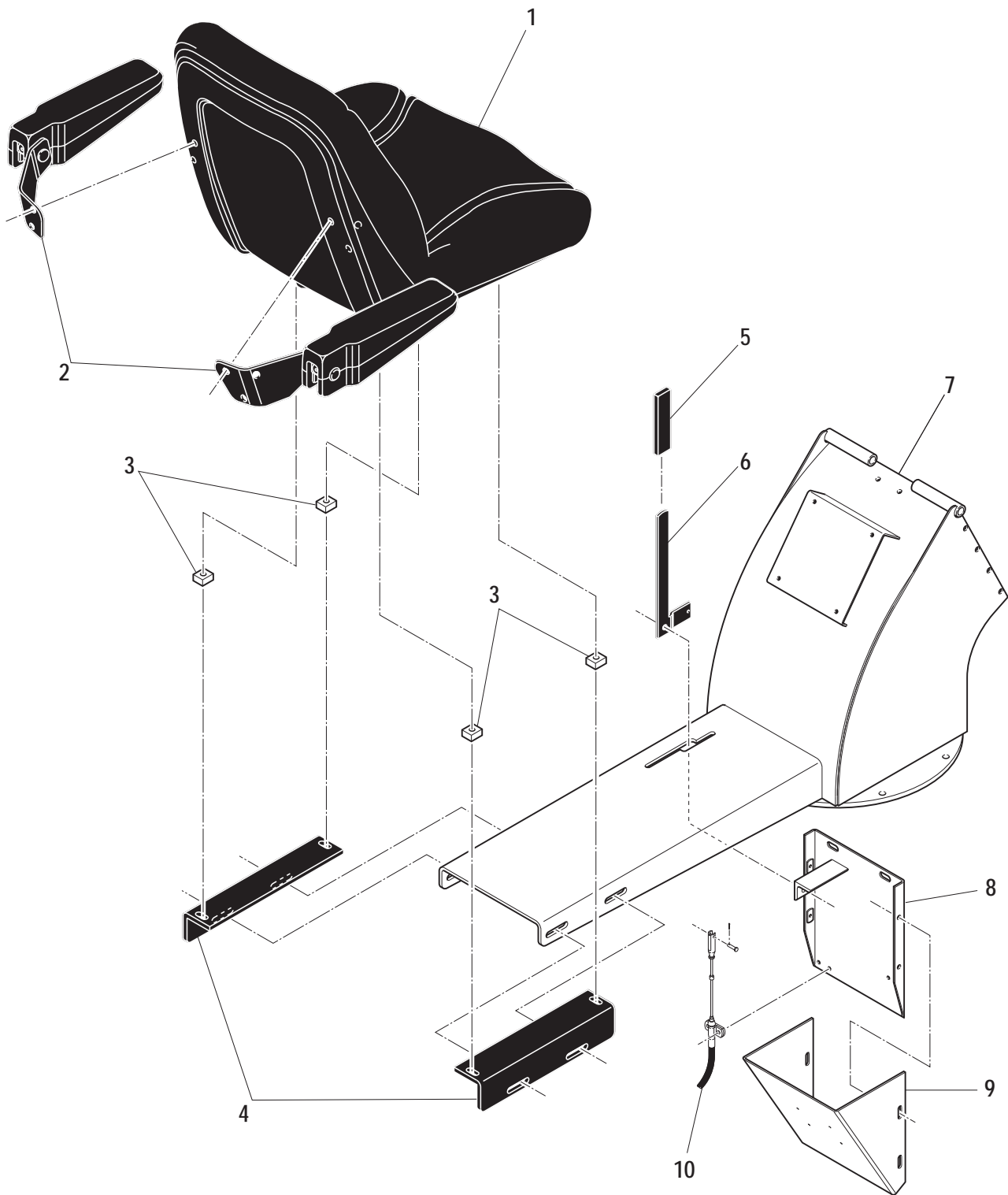
FLAPPER SEAL DOOR DETAIL
ITEM #14
(FLAPPER DOOR
SEAL ASSEMBLY)
INCLUDES ITEMS #15 - 20.



DISCHARGE HEAD

Ref. No.	Part Number	Description	No. Required
1	023629	Discharge Tube	1
2	023726-01	Top Seal	1
3	023726-04	Top Seal Retainer	1
4	023588-01	Handle Weldment - Left Hand Side	1
5	004996	Plastic Pipe Plug	1
6	023588-02	Handle Weldment - Right Hand Side	1
7	023586-05	Stop Rod	2
8	023720	Horn Button	1
9	023721	Horn Button Cover	1
10	023726-07	Elbow Side Seal	2
11	023583-04	Elbow Seal	4
12	023560-05	Z Piece Seal Bracket	1
13	023726-03	Hinge Seal	1
14	023729	Flapper Door Seal Assembly <i>(See Detail above)</i>	1
15	023560-03	Seal Plate	1
16	023726-02	Flap Side Seal	2
17	023583-03	Elbow Hinge	1
18	023726-08	Flap End Seal	1
19	023726-06	Flap End Seal Retainer	1
20	023726-05	Flap Side Seal Retainer	2

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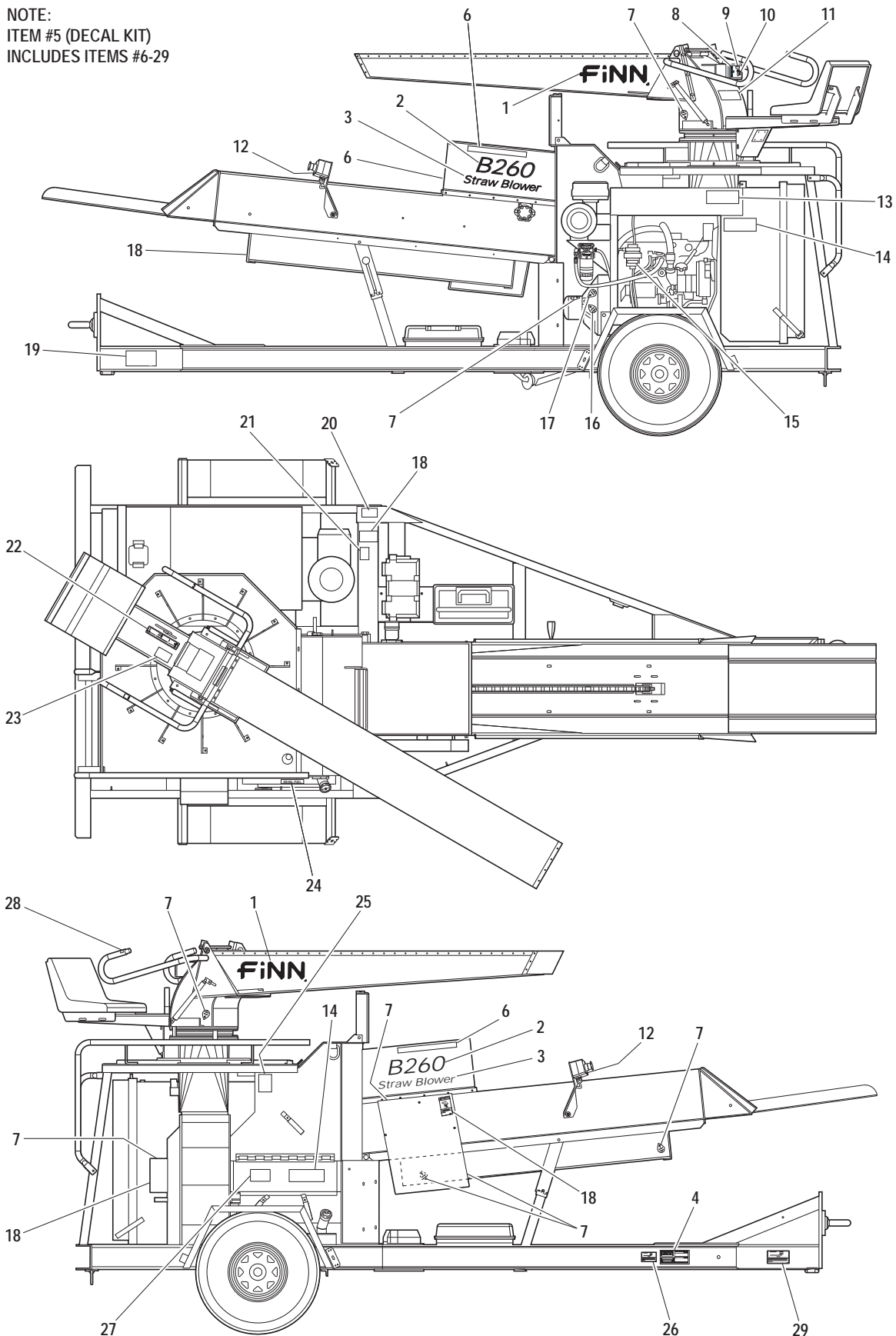
**WHEN ORDERING PARTS, BE SURE TO STATE
SERIAL NUMBER OF MACHINE**

SEAT ASSEMBLY

Ref. No.	Part Number	Description	No. Required
1	023884	Seat	1
2	023885	Armrest Kit	1
3	035024-09	Spacer	4
4	F260-0026	Seat Mounting Bracket	2
5	022202	Black Handle Grip	1
6	F260-0015	Power Feed Handle	1
7	023876	Discharge Elbow Weldment	1
8	023639	99 in. Lg. Push-Pull Control Cable	1
9	023555-02	Control Cable Plate Weldment	1
10	023554-01	Control Cable Guard	1

**WHEN ORDERING PARTS, BE SURE TO STATE
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NOTE:
ITEM #5 (DECAL KIT)
INCLUDES ITEMS #6-29



**WHEN ORDERING PARTS, BE SURE TO STATE
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DECAL LOCATIONS

Ref. No.	Part Number	Description	No. Required
1	023174	Decal "FINN"	2
2	023856-01	Decal "B260"	2
3	023855	Decal "Straw Blower"	2
4	011690	FINN Nameplate	1
5	023881	Decal Kit	1
6	022690	Decal "WARNING! Flying Objects!"	3
7	007231	Decal "Service Weekly"	8
8	023877	Decal "Throttle"	1
9	023880	Decal "Safety Switches"	1
10	KL2411303	Decal "Ignition"	1
11	020970	Decal "WARNING! Fall Hazard!"	1
12	023878	Decal "Emergency Stop"	2
13	031462	Decal "WARNING! Burn Hazard!"	1
14	031463	Decal "WARNING! Sever Hazard!"	2
15	007607	Decal "Drain Water Daily"	2
16	007230	Decal "Service Daily"	1
17	007351	Decal "Hand Gun"	1
18	012179	Decal "WARNING! Do Not Operate . . ."	4
19	031461	Decal "WARNING! Runaway Vehicle Hazard!"	1
20	012278	Decal "WARNING! Burn Hazard!"	1
21	031297	Decal "CAUTION - New Clutch Information"	1
22	023247	Decal "Power Feed"	1
23	023857	Decal "WARNING! Wear Proper Eye and Ear . . ."	1
24	023341	Decal "Diesel Fuel"	1
25	012687	Decal "CAUTION - Hydraulic System Instructions . . ."	1
26	023286	Decal "Patent Numbers"	1
27	023389	Decal "Operating Instructions . . ."	1
28	006870-HORN	Decal "Horn"	1
29	023863	Decal "B260 GVWR"	1

NOTE; Individual Decals (Items 6 through 28) are listed merely as a reference for their appropriate locations and not available for replacement. Decals (items 6 through 28) are **ONLY** available by ordering the Decal Kit (P/N 023881, item 5).

**WHEN ORDERING PARTS, BE SURE TO STATE
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RECOMMENDED SPARE PARTS

Part Number	Description	No. Required
013135-M	Main Filter Element (3.75-E2)	1
013135-S	Safety Filter Element (3.75-E2)	1
JDRE529643	Primary Fuel Filter	1
JDRE522878	Water Separator	1
JDRE541420	Oil Filter	1
023925	Fan Belt	1
020111	Beater Chain - 3 Pitch	4
020110	Beater Chain - 4 Pitch	2
023363	Beater Chain - 5 Pitch	2
020119	Chain Pin	8
022487	Nut	8
020686	Feed Chain Links	3
020687	Feed Chain Links With Attachment	3

TOOL KIT

Part Number	Description	No. Required
021375	Grease Gun	1
021741	Grease Gun Hose	1
020365	Grease Cartridge	1
012681A	Touch-Up Paint (FINN Beige - 4.5 oz. Aerosol)	1
020057	Twine Cutter (Size number 13)	1
020063	Twine Cutter (Size number 11)	1
	Engine Operation and Maintenance Manual	1
LBB260-SEA	FINN B260 Straw Blower Parts and Operator's Manual	1

REPAIR KITS

Part Number	Description	No. Required
023120	Seal Kit for 008293 Hydraulic Valve	1
080615	Seal Kit for 023754 Hydraulic Motor	1
023731	Seal Kit for 023685 Hydraulic Pump	1

**WHEN ORDERING PARTS, BE SURE TO STATE
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NOTES