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Sales: 1-800-543-7166



B260 Straw Blower

Operator Instructions and Parts Manual

| Model MN | Serial No. | |
|----------------------|------------|--|
| IVIOGEI IVIIN | Senai ivo. | |



ACTIVATE YOUR FINN EQUIPMENT WARRANTY

IMPORTANT INFORMATION ON ACTIVATING YOUR FINN EQUIPMENT WARRANTY!!!

IT IS <u>IMPERATIVE</u> 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

- ${f \odot}^2$ 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® and Straw Blowers: 2 years or 2000 hours whichever comes first.

All other equipment: 1 year or 1200 hours whichever comes first.

COMMERCIAL LIMITED WARRANTY

FFFCTIVE 04/01/2011

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 <u>registered</u> 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 <u>two weeks</u> 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 Deptartment same day or next day of any intent to do warranty work and obtain a "Warranty Claim Number."
- All warranty <u>labor</u> must be pre-approved by providing Finn with an estimate of labor costs. Once approved, Finn will issue you a <u>Work</u> <u>Authorization Number</u>, 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.
- 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 and Customers are responsible to follow all guidelines related to Seasonal and Long Term Storage of Equipment, as advised in operation and 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.



Danger indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.



Warning indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury.



Caution indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury.



Notice indicates important information, that if not followed, MAY cause damage to equipment.

NOTE: This is helpful information.

CALIFORNIA PROPOSITION 65

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



A WARNINGBattery 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 operators of this machine are familiar with all safety aspects covered in this section 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 summary section. 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 section 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)

- 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 hand railing and machine guarding is in place and secure.
- 3. By carefully looking in the shredder box, inspect the shredder box for foreign objects.
- 4. With the ignition switch ON, verify that the signal horn is operating correctly.
- 5. 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 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 job site 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.
- Never modify the machine. Never remove any part of the machine (except for service and then reinstall all removed parts 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.

III. MAINTENANCE

1. Before servicing the machine, turn off engine and allow all moving parts to stop. To prevent accidental starting, disconnect battery cables. Tag the engine operating area to show that the machine is being serviced. Use lockout/tagout procedure [Occupational Health and Safety Administration (OSHA) 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. Leadacid 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 eves, 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 or near 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.

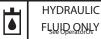
- 5. It is recommended that only authorized. genuine FINN replacement parts be used on the machine.
- 6. Make certain that all decals on the machine are maintained in good legible condition. Replacement decals are available through FINN Corporation by specifying the decal kit part number shown in the Parts Manual section of this manual. All users should familiarize themselves with the various safety decals on this unit. See Parts Manual section of this manual for the location and quantity of all decals on this unit.

COMMON 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)
- Check and clean suction strainer once year or when oil is changed.
- 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
- 6. Keep system clean at all times.
- 7. DO NOT start or run engine without hydraulic oil in reservoir. Permanent pump damage will occur



CAUTION

A new clutch may require several adjustments until friction surfaces are worn in.

DO NOT let clutch slip. This will glaze and ruin friction

When properly adjusted a heavy pressure is required at lever to move throwout linkage to Oover centerO or locked

Always maintain proper adjustment.

Consult operations manual for adjustment instructions. Failure to comply may result in equipment damage.



A WARNING

BURN HAZARD!

Hot exhaust!

Stay back!

Failure to comply could result in death or serious injury.





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.



FLYING OBJECTS!

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





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.







WARNING

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.



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



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

Soft 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



Do not operate without guards in place.

Failure to comply could result in death or serious injury.







Wear proper eye and ear protection when operating machine.

Failure to comply could result in death or serious injury.



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 the bales are fed 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. 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 switch in the "ON" position, check the amber safety light to ensure it is operational.
- 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

- 1. Make sure the tool kit contains all prescribed items (see tool kit list in the parts section of this manual).
- 2. Lubricate equipment. Use handgun only (see lubrication chart).
- 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 specifications).
- 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

CAUTIONSee safety section of the manual 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 low 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 section.
- 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.

ACAUTIONBefore engaging the clutch, make sure that the discharge chute 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 Adjusting the Drive Belt section). The clutch should also be checked and adjusted (see Clutch Care and Maintenance section).

SHUTTING DOWN THE ENGINE

For maximum engine life, allow the engine to idle, without load, for five minutes. This will allow the engine components that operate at high temperatures, such as the turbocharger (if equipped) and exhaust system, to cool slightly before the engine itself is shut down.

Follow these steps to shut down the engine:

- 1. Disengage the PTO.
- 2. Set the engine speed control to its lowest setting.
- 3. Run the engine at low idle speed for at least five minutes before you shut it down.
- 4. Turn the key to the OFF position, and remove the key from the switch.

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

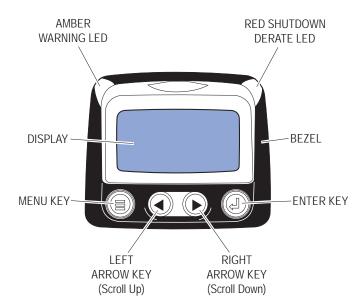


Figure 1 - Faceplate Features

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.

POWERVIEW OPERATION

PowerView Menus (First Time Start-Up)

- 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.

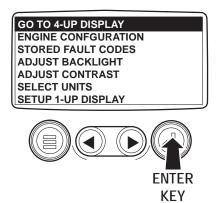
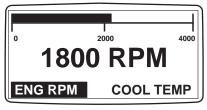


Figure 3 - Main Menu



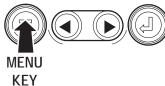


Figure 2 - 1-Up Display

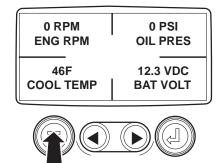


Figure 4 - 4-Up Display

KEY

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:

- 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.

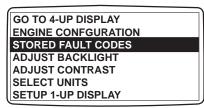




Figure 5 - Main Menu

- 4. Once the stored fault codes have been retrieved, the initial code will be displayed along with a text description. See Figure 7.
- 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

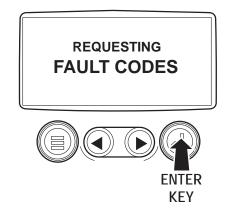


Figure 6 - Access Stored Fault Codes

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.

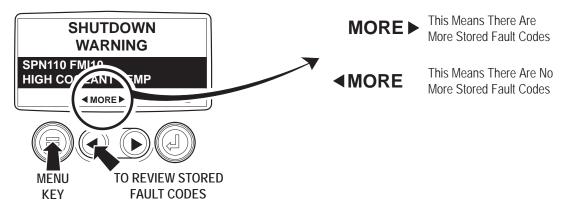


Figure 7 - Stored Fault Codes

CREW MEMBERS AND THEIR DUTIES

- 1. <u>The Operator</u> 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.
- 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. <u>The Truck Driver</u> 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.

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.

A 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:

- 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 bats laying flat on the tray.
- 2. The blower 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) the top of the tank.
- 2. Change oil filter cartridge 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 gives off a burnt odor.
- 5. Keep all fittings and hoses tight and leak-free.
- 6. Keep system clean at all times.

ACAUTIONDo 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

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).



AFTER FIRST 4 TO 8 HOURS OF OPERATION

- 1. Check and adjust clutch.
- 2. Torque wheel lugs. Torque again after 7 days (Trailer option only).
- 3. Check and adjust the blower drive belt tension.

DAILY CLEAN-UP MAINTENANCE

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

- 1. Clean the air cleaner following the instructions in the engine operator's manual.
- 2. Check air cleaner connections. If they loosen or become disconnected, the warranty on your engine is subject to cancellation.
- 3. Clean radiator and radiator guard with tap water.

NOTICE

Never use high-pressure water, compressed air or a wire brush to clean the radiator fins. Radiator fins damage easily.

- 4. Clean beater chains. Make sure to remove all twine, wire, and other foreign objects. Check pins and nuts.
- 5. Lock the discharge tube into place.
- 6. Check engine oil level and fill as necessary.
- 7. Check hitch bolts and safety chains. Repair or replace as necessary.
- 8. 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.

WEEKLY MAINTENANCE

After each 50 hours of operation, follow this procedure:

- 1. Change engine oil, following engine manufacturer's recommendations.
- 2. Change engine oil filter with every oil change.
- 3. Lubricate bearings with general-purpose chassis lubricant, using a grease gun. Wipe each bearing before lubrication to remove dirt and prevent overheating.
- 4. Inflate tires to the pressure indicated on the sidewalls and trailer data plate.
- 5. Check clutch adjustment to ensure that it "snaps" in and out of engagement.

Perform maintenance only while engine is off. Failure to comply could result in minor to moderate personal injury. Failure to comply could also result in product or property damage.

CLEANING AND MAINTENANCE (CONTINUED)

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.

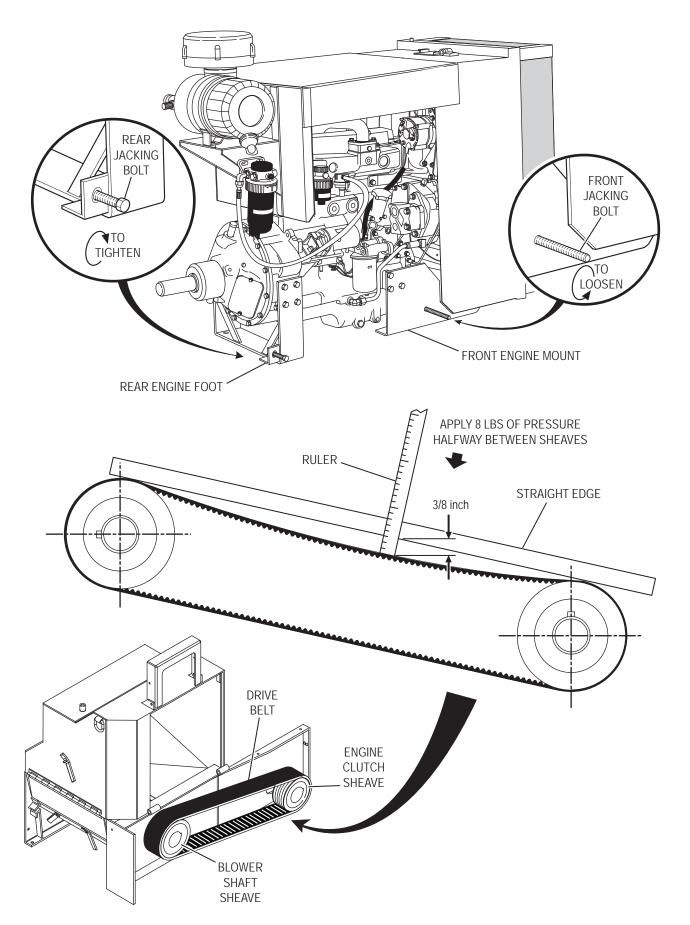
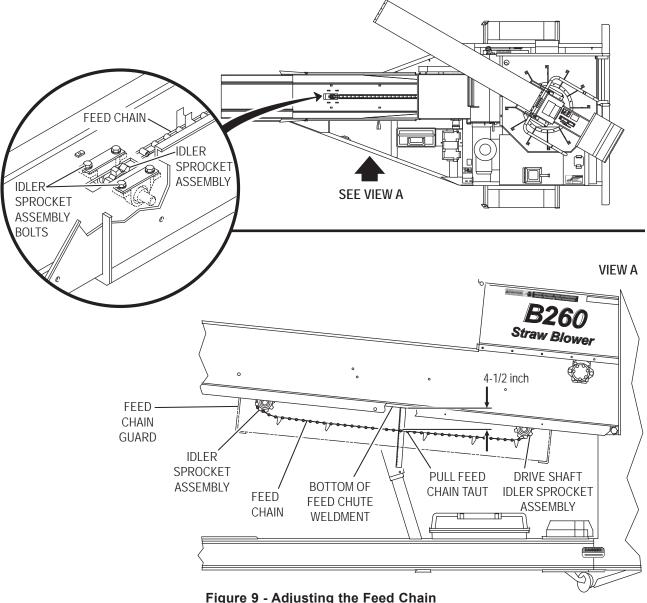


Figure 8 - Adjusting the Drive Belt

ADJUSTING THE FEED CHAIN

- 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.



CLUTCH CARE AND MAINTENANCE

This is an outline of the PTO clutch adjustment and lubrication procedure. When you perform maintenance beyond this outline, refer to the power take-off manufacturer's service 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.

LUBRICATION

The operating shaft bearing (located where the drive shaft exits the PTO housing) should be lubricated every one (1) to three (3) months, depending on usage. The PTO cross shaft should be lubricated weekly. The PTO release bearing, accessible by removing the PTO nameplate, should be lubricated daily using a hand operated grease gun only.

ADJUSTMENT

The clutch described in this manual does not automatically adjust to compensate for wear of the clutch facing(s), and must be manually adjusted. Maintaining the correct engagement pressure is the responsibility of the owner/operator. The owner/operator must periodically adjust the clutch to ensure correct clutch operation.

The clutch should be adjusted if the force to engage the clutch drops by 10-15% of the specified engagement force. Destructive damage may have already occurred if engagement force is allowed to diminish to the point where the clutch fails to carry the load (slippage), or if facing(s) has (have) overheated.



Do not adjust clutch too tightly. Overtightening can cause component failure.

If the clutch requires adjustment, remove the PTO nameplate, disengage the clutch and rotate it to gain access to the adjusting ring lock.

With a flat blade screwdriver or 7/16 inch wrench, loosen the adjustment lock bolt and loosen or remove the adjustment lock.

To adjust the engagement force, the adjustment ring must be rotated either clockwise or counter-clockwise. Adjusting the ring counter-clockwise will tighten/increase the engagement force. Adjusting the ring clockwise will loosen/decrease the engagement force. The desired engagement force, measured at the cross shaft, is stamped on the PTO Data Plate. To measure the engagement force, use a torque wrench and socket on the hex portion of the handle which is bolted directly to the PTO cross shaft.

When clutch is properly adjusted, reposition the adjustment lock in the notches. Install and tighten the adjustment lock bolt. Rotate clutch and re-engage. Reinstall the PTO nameplate.

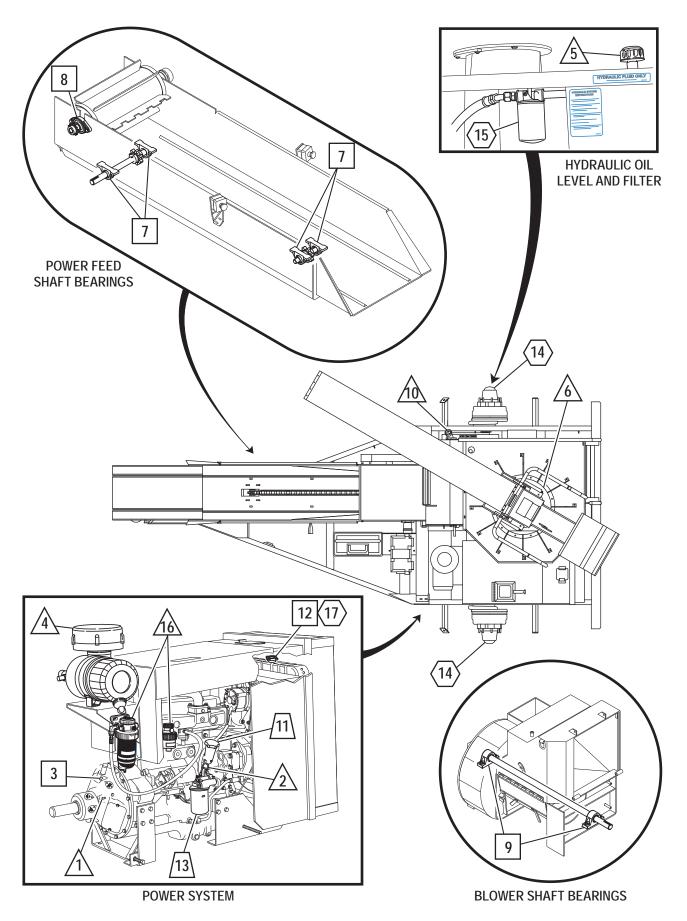


Figure 10 - Lubrication Points

LUBRICATION CHART

| Ref. No. | Location | Lubricant | Frequency | Number |
|----------|---|-----------|-------------------|--------|
| 1 | Clutch Shaft Bearing | CL | Daily | 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 | НО | Daily | 1 |
| 6 | Discharge Elbow Bearing | CL | Daily | 1 |
| | (Rotate Elbow to eight different position | ns | | |
| | while applying lubrication.) | | | |
| 7 | Power Feed Shaft Bearings | CL | Weekly | 4 |
| 8 | Feeder Roll Bearing | CL | Weekly | 2 |
| 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 |
| 13 | Check Oil Filter | MO | See Engine Manual | 1 |
| 14 | Repack Wheel Bearings | CL | Seasonally | 2 |
| 15 | Change Hydraulic Oil Filter and | | | |
| | Hydraulic Oil | НО | Seasonally | 1 |
| 16 | Check Fuel Filter | DF | Daily | 2 |
| 17 | Change Engine Coolant | AF | Seasonally | 1 |

LUBRICANT OR FLUID USED TIME KEY

| CL | Chassis Lubricant | \wedge | DAILY (8 hours) |
|----|------------------------------------|-------------------|------------------------|
| MO | Motor Oil - See Engine Manual | | 27.1.2.1 (6.1.63.16) |
| AF | 50/50 Antifreeze and Water Mixture | | WEEKLY (40 hours) |
| DF | Diesel Fuel | | |
| НО | Hydraulic Oil, ISO Grade 46 | $\langle \rangle$ | SEASONALLY (500 hours) |
| | | | SEE ENGINE MANUAL |

FLUID CAPACITIES

Fuel 27 gallons (102 L)

Hydraulic Oil 8 gallons (30 L)

Engine Coolant 3.75 gallons (14.2 L) 50/50 Mix Only

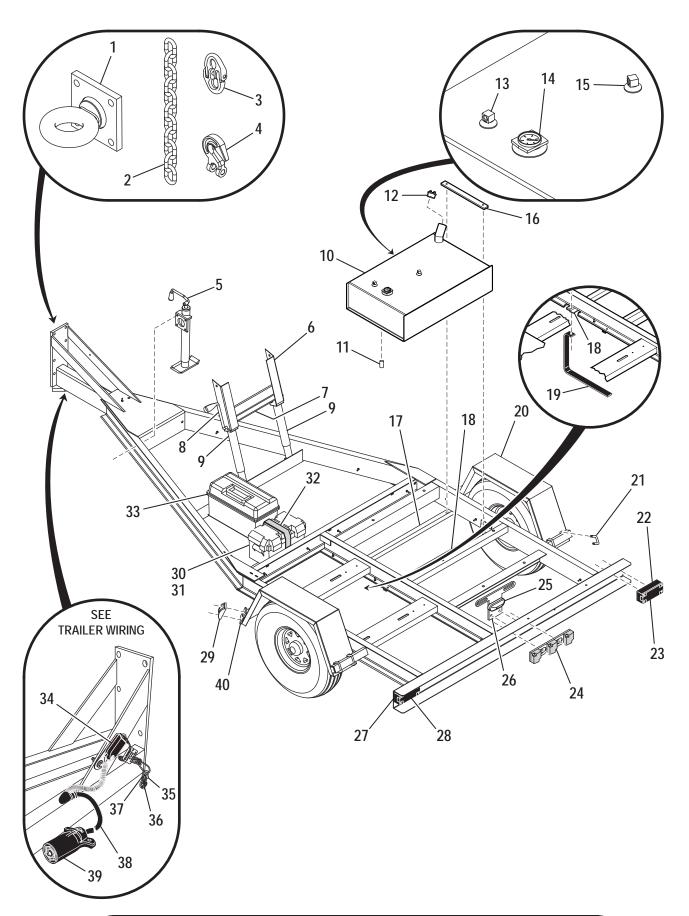
Engine Oil 14 quarts (13.3 L)

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B260 Straw Blower

Parts Manual

Model MN



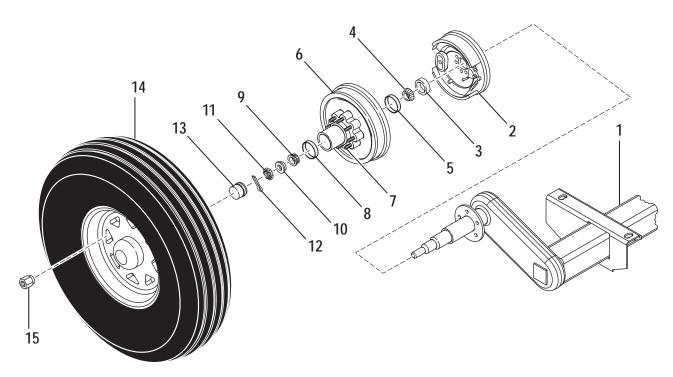
TRAILER

| Ref. Kit No. Ref. | Part Number | Description | No. Req'd |
|----------------------|-------------|---|--------------|
| 1 | 080043 | Tow Ring (Standard) | 1 |
| 2 | 190028 | Safety Chain - 3 ft Length | 2 |
| 3 | 031181 | Coupling Link | 2 |
| 4 | 023915 | Clevis Grab Hook | 2 |
| 5 | 022588 | Frame Jack | 1 |
| 6 | 023592 | Dual Jack Mount | 1 |
| 7 🔺 | 023591-07 | Connecting Rod | 1 |
| 8 | 023923 | CEQUENT Crank Assembly | 1 |
| 9 🔺 | 023922 | 2k SW Jack | 2 |
| 10 | 023765 | Fuel Tank Weldment | 1 |
| 11 | 160232 | 1/4 in. NPT Pipe Plug | 1 |
| 12 | 007914 | Fuel Tank Cap | 1 |
| 13 | 023770-02 | Fuel Return Tube Assembly | 1 |
| 14 | 022739-04 | Fuel Level Gauge | 1 |
| 15 | 023770-01 | Fuel Suction Tube Assembly | 1 |
| 16 | 023529-11 | Front Fuel Tank Strap (Single Axle Trailer Only) | 2 |
| | 023776 | Fuel Tank Tie Down (Skid and Tandem Trailer Only) | 2 |
| 17 | 023529-10 | Rear Fuel Tank Support (Single Axle Trailer Only) | 1 |
| 18 | 023742 | Fuel Tank Mounting Weldment | 1 |
| 19 | 000489 | Static Strip | 1 |
| 20 | F60-0015 | Fender (Single Axle Trailer Only) | 2 |
| | 023779-01 | Fender Right Hand Side (Tandem Trailer Only) | 1 |
| | 023779-02 | Fender Left Hand Side (Tandem Trailer Only) | 1 |
| 21 | 005545 | U-Bolt (Single Axle Trailer Only) | 8 |
| 22 | 005138 | Right Taillight Assembly | 1 |
| 23 | 005137-A | Lens | 1 |
| 24 | 005437 | 3-Bar Light | 1 |
| 25 | 005436 | License Light | 1 |
| 26 | 004720 | License Plate Mounting Bracket | 1 |
| 27 | 005137 | Left Taillight Assembly | 1 |
| 28 | 005137-A | Lens | 1 |
| 29 | FW71090 | Marker Light (Amber) | 2 |
| 30 | F400-0031 | Battery Box Fab | 1 |
| 31 | 011770 | Battery Box | 2 |
| 32 | F400-0038 | Battery Box Hold Down | 1 |

Continued to next page.

TRAILER (CONTINUED)

| | Kit Ref. Part Number | Description | No. Req'd |
|---------|-------------------------|--|--------------|
| 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 | B260 Wiring Harness (Single Axle Trailer Only) | 1 |
| | 023945 | B260 Wiring Harness (Skid and Tandem Trailer Only) | 1 |
| 39 | 075592 | 7-Blade Trailer Plug | 1 |
| 40 | F260-0048 | Fender Light Mounting Plate (Tandem Trailer Only) | 2 |
| NOT SH | OWN | | |
| Fuel | Tank Parts Not Illustra | ated | |
| | 011889 | Brass Fuel Level Gauge Adapter | 1 |
| Batte | ery Box Parts Not Illus | strated | |
| | 012979-08 | Red Battery Cable | 1 |
| | 012979-10 | Black Battery Cable | 1 |
| | 012979-01 | Red Battery Jumper | 1 |
| | 012979-02 | Black Battery Jumper | 1 |
| | 011851 | 12V Battery - Interstate #C27-XHD | 2 |
| | 085185 | Positive Battery Lug | 2 |
| | 085186 | Negative Battery Lug | 2 |
| KITS AN | D MARKERS | | |
| | 023938 | Dual Jack Arrangement | 1 |



AXLE ASSEMBLY

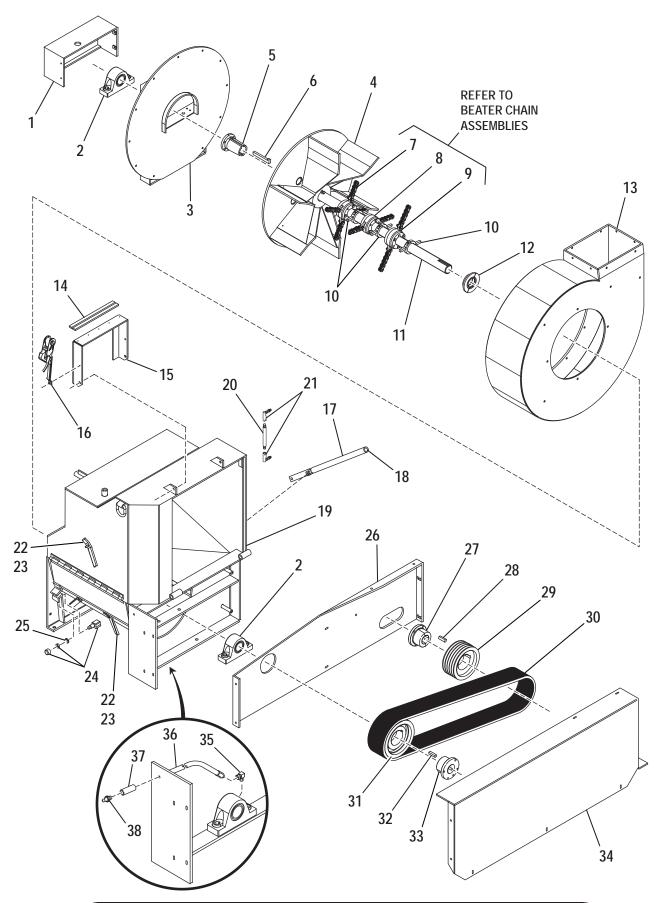
| Ref. No. | Part Number | Description | No. Req'd |
|-------------|-------------|--|--------------|
| 1 | 023919 | Axle with Spindles, Hubs and Drums (Single Axle) | 1 |
| | | Axle with Spindles, Hubs and Drums (Tandem Axle) | 2 |
| 2 | 005823-01 | Brake Assembly LH Side | 1 per axle |
| | 005824-01 | Brake Assembly RH Side | 1 per axle |
| 3 | 005822-01 | Grease Seal | 1 per |
| 4 | 005821-01 | Inner Bearing | 1 per |
| 5 | 005820-01 | Inner Bearing Race | 1 per |
| 6 | 023919-10 | Drum | 1 per |
| 7 | 005818-02 | Wheel Stud | 8 per drum |
| 8 | 005817-01 | Outer Bearing Race | 1 per |
| 9 | 005816-01 | Outer Bearing | 1 per |
| 10 | 005815-01 | Spindle Nut Washer | 1 per |
| 11 | 023919-15 | Spindle Nut | 1 per |
| 12 | 005814-01 | Cotter Pin | 1 per |
| 13 | 005812-01 | Grease Cap | 1 per |
| 14 | 005830 | Wheel Assembly (ST225/90D16 on 16 x 6 Rim) | 2 per axle |
| 15 | 008525-02 | Wheel Nut | 8 per |
| NOT SHO | WN | | |

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

Rubber Plug

1 per

005811-01



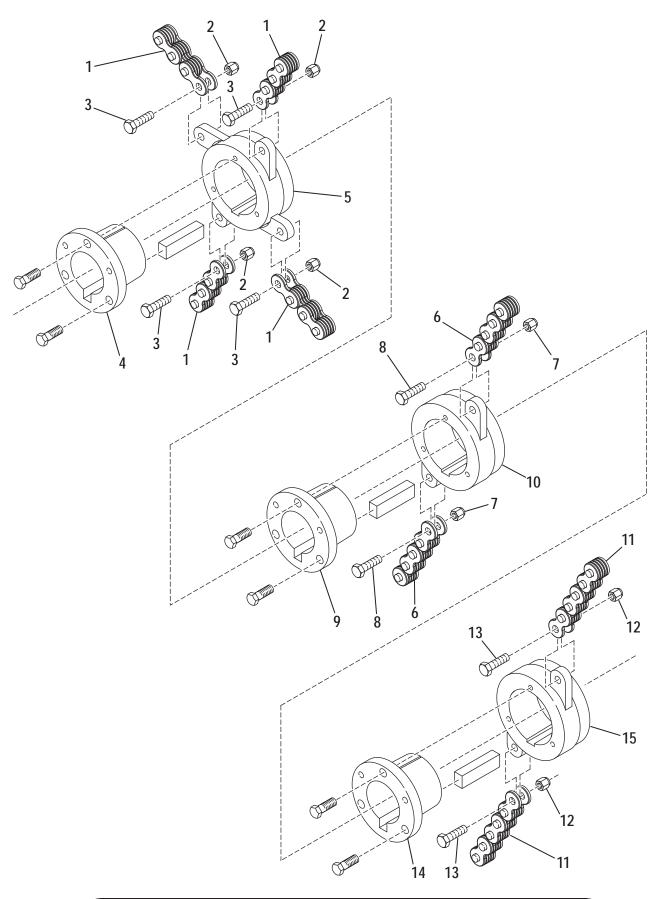
WHEN ORDERING PARTS, BE SURE TO STATE SERIAL NUMBER OF MACHINE

SHREDDER BOX AND BLOWER HOUSING

| Ref. No. | Part Number | Description | No. Req'd |
|-------------|-------------|--------------------------------------|--------------|
| 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 | Blower 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 | 023940 | Blower Shaft | 1 |
| 12 | 023752 | Bearing Shield Assembly | 1 |
| 13 | 021339 | Blower Housing | 1 |
| 14 | 023583-06 | Rubber Holddown Pad | 1 |
| 15 | F260-0017 | Discharge 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 | 023792-05 | Clutch Connecting Rod | 1 |
| 21 | 006737 | Ball Joint | 2 |
| 22 | 023572-09 | Door Latch | 3 |
| 23 | 022202 | Plastic Handle Grip | 3 |
| 24 | 052436* | Door Switch | 1 |
| 25 | 052707 | Hex Nut | 1 |
| 26 | 023536 | Dust Guard | 1 |
| 27 | 060030 | Bushing | 1 |
| 28 | 011441 | 1/2 x 5/8 in. Offset Key | 1 |
| 29 | 023595 | Engine Clutch Sheave | 1 |
| 30 | 023839 | Drive Belt | 1 |
| 31 | 060032 | Blower Shaft Sheave | 1 |
| 32 | 190127-32 | 1/2 x 1/2 Keyway | 1 |
| 33 | 060302B | Bushing | 1 |
| 34 | 023537 | Belt Guard | 1 |
| 35 | 160052 | Elbow 90 Degree ST 1/8 | 1 |
| 36 | 023850 | 15 in. Lg. Grease Hose | 1 |
| 37 | 160152 | 1/8 in. Standard Coupling | 1 |
| 38 | 007705 | 1/8 in. NPTF Straight Grease Fitting | 1 |

KITS AND MARKERS

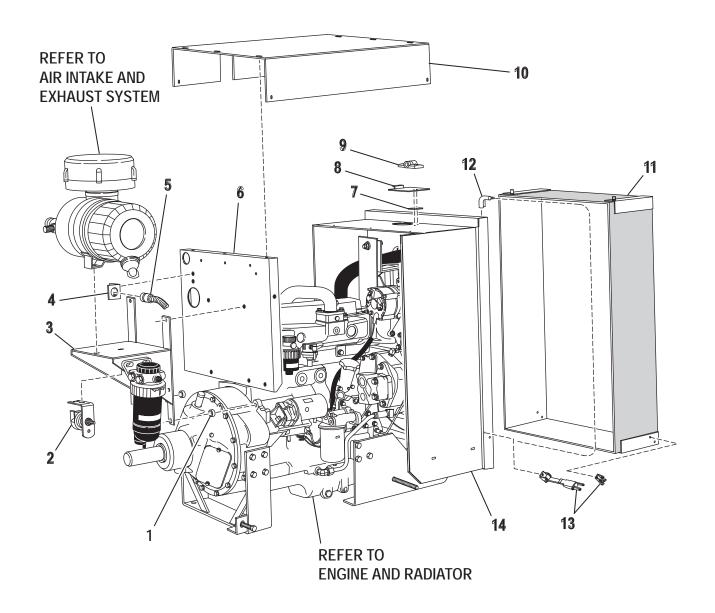
See Wiring Diagram Section.



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

BEATER CHAIN ASSEMBLIES

| Ref. K | (it ef. Part Number | Description | No. Req'd |
|----------|------------------------|---------------------------------|--------------|
| 1 4 | 020111 | Chain - 3-Pitch | 4 |
| 2 | 022487 | Nut | 4 |
| 3 | 020119 | Chain Pin | 4 |
| 4 | 021363 | Bushing | 1 |
| 5 | 021555 | Beater Hub Weldment | 1 |
| 6 | 020110 | Chain - 4-Pitch | 2 |
| 7 | 022487 | Nut | 2 |
| 8 | 020119 | Chain Pin | 2 |
| 9 | 021363 | Bushing | 1 |
| 10 | 021824 | Beater Hub Weldment | 1 |
| 11 | 023363 | Chain - 5-Pitch | 2 |
| 12 | 022487 | Nut | 2 |
| 13 | 020119 | Chain Pin | 2 |
| 14 | 021363 | Bushing | 1 |
| 15 | 021824 | Beater Hub Weldment | 1 |
| KITS AND | MARKERS | | |
| | 021361 | Beater Chain Assembly - 3-Pitch | |
| • | 021822 | Beater Chain Assembly - 4-Pitch | |
| | 023228 | Beater Chain Assembly - 5-Pitch | |

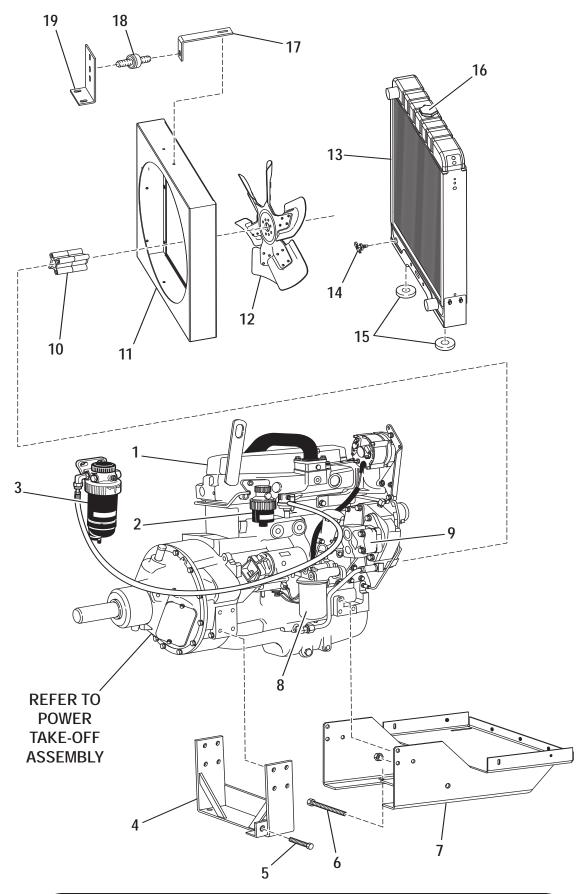


ENGINE SHEET METAL

| Ref. No. | Part Number | Description | No. Req'd |
|-------------|--------------|--|--------------|
| 1 | 052398-08 | Rear Spacer | 2 |
| 2 | 006499* | Horn | 1 |
| 3 | 023924 | Air Cleaner Bracket | 1 |
| 4 | F260-0025 | Engine Plug Bracket | 1 |
| 5 | | Engine Wiring Harness (supplied with Engine) | 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 | F260-0045 | Engine Top Cover | 1 |
| 11 | 023666 | Radiator Chaff Screen | 1 |
| 12 | 190087 | Chaff Screen Seal | 124 in. |
| 13 | 023667 | Chaff Screen Latch | 2 |
| 14 | F260-0042 | Radiator Shroud Weldment | 1 |
| | F260-0042-06 | Side Filler Angle | 2 |

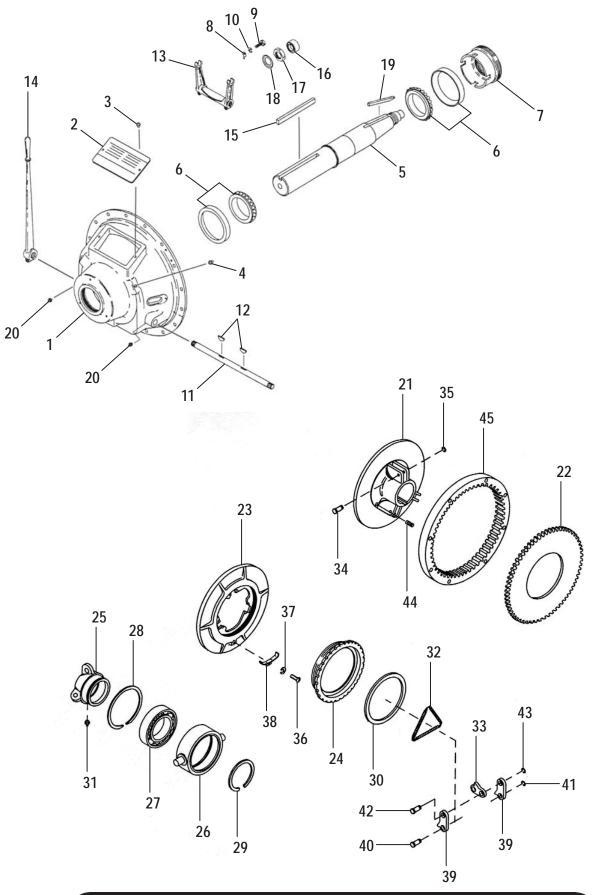
KITS AND MARKERS

^{*} See Control Box Wiring Diagram.



ENGINE AND RADIATOR

| Ref. No. | Part Number | Description | No. Req'd |
|-------------|--------------|---------------------------------------|--------------|
| 1 | 023916 | 4045T Tier III Engine Assembly | 1 |
| 2 | JDRE529643 | Primary Fuel Filter | 1 |
| 3 | JDRE522878 | 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 | JDRE504836 | Oil Filter | 1 |
| 9 | 023685 | Hydraulic Pump | 1 |
| 10 | JDSD443 | Fan Spacer | 1 |
| 11 | JDSD284 | Fan Shroud | 1 |
| 12 | 053105 | Fan | 1 |
| 13 | JD50-0532 | Radiator Assembly | 1 |
| 14 | 022452 | Drain Cock | 1 |
| 15 | 023929 | Rubber Isolator | 2 |
| 16 | 023807 | Radiator Cap | 1 |
| 17 | F330-0135 | Radiator Support Strap | 1 |
| 18 | 023438 | Rubber Shock Mount | 1 |
| 19 | F330-0131 | Rear Radiator Mount | 1 |
| NOT SHOW | VN | | |
| | 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 |



POWER TAKE-OFF ASSEMBLY

| Ref. No. | | Part Number | Description | No. Req'd |
|-------------|--------------|-------------|------------------------------------|--------------|
| 1 | • | 100304 | Bell Housing | 1 |
| 2 | | 100063 | Name Plate | 1 |
| 3 | | | Bolt | 2 |
| 4 | | 100043 | Grease Zerk | 1 |
| 5 | | 100053 | Drive Shaft | 1 |
| 6 | | 100052 | Main Bearings | 2 |
| 7 | | 100048 | Bearing Retainer | 1 |
| 8 | | 100039 | Adjusting Lock | 1 |
| 9 | | 012069-12 | Lock Bolt | 1 |
| 10 | | 012069-13 | Lock Washer | 1 |
| 11 | | 100040 | Cross Shaft | 1 |
| 12 | lacktriangle | 100042 | Woodruff Key | 2 |
| 13 | | 100323 | Yoke Sub Assembly | 1 |
| 14 | | 010284 | Shifting Lever Sub Assembly | 1 |
| 15 | | 011441 | Output Key | 1 |
| 16 | | 022314 | Pilot Bearing | 1 |
| 17 | lacktriangle | 012783-01 | Nut | 1 |
| 18 | lacktriangle | 012783-02 | Locking Washer | 1 |
| 19 | lacktriangle | 100061 | Clutch Key | 2 |
| 20 | | 100224 | Grease Fitting (cross shaft) | 2 |
| 21 | lacktriangle | Χ | Clutch Body | 1 |
| 22 | lacktriangle | 100341 | Facing Plate | 1 |
| 23 | lacktriangle | Χ | Pressure Plate | 1 |
| 24 | lacktriangle | Χ | Adjusting Ring | 1 |
| 25 | lacktriangle | Χ | Release Sleeve | 1 |
| 26 | | Χ | Bearing Carrier | 1 |
| 27 | | Χ | Release Bearing | 1 |
| 28 | | Χ | Internal Snapring | 1 |
| 29 | | Χ | External Snapring | 1 |
| 30 | | Χ | Wear Ring | 1 |
| 31 | | Χ | Grease Fitting (in Release Sleeve) | 1 |
| 32 | | 100026 | Lever Spring | 1 |
| 33 | | Χ | Lever | 3 |
| 34 | lacktriangle | X | Clevis Pin | 3 |

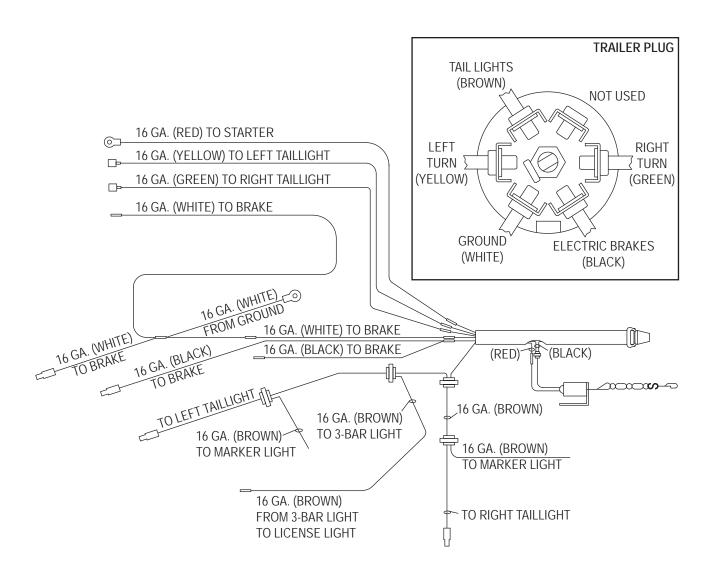
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NOTE: Items with Part Number listed as "X" are only available as part of assemblies listed.

POWER TAKE-OFF ASSEMBLY

| Ref. No. | Kit Ref. | Part Number | Description | No. Req'd |
|-------------|--------------|-------------|--|--------------|
| 35 | • | Х | Retaining Ring | 3 |
| 36 | lacktriangle | Χ | Lock Bolt | 1 |
| 37 | lacktriangle | Χ | Lock Washer | 1 |
| 38 | | 100024 | Adjustment Lock | 1 |
| 39 | | Χ | Link | 6 |
| 40 | | Χ | Clevis Pin | 3 |
| 41 | lacktriangle | Χ | Retaining Ring | 3 |
| 42 | lacktriangle | X | Clevis Pin | 3 |
| 43 | lacktriangle | Χ | Retaining Spring | 3 |
| 44 | lacktriangle | Χ | Release Bearing | 3 |
| 45 | lacktriangle | 100003 | Drive Ring | 1 |
| KITS A | AND MA | ARKERS | | |
| | | 012069 | Power Take-Off Assembly - SAE #4 with10 in. Clutch | |
| | | 012783 | Clutch Assembly | |
| | | | | |

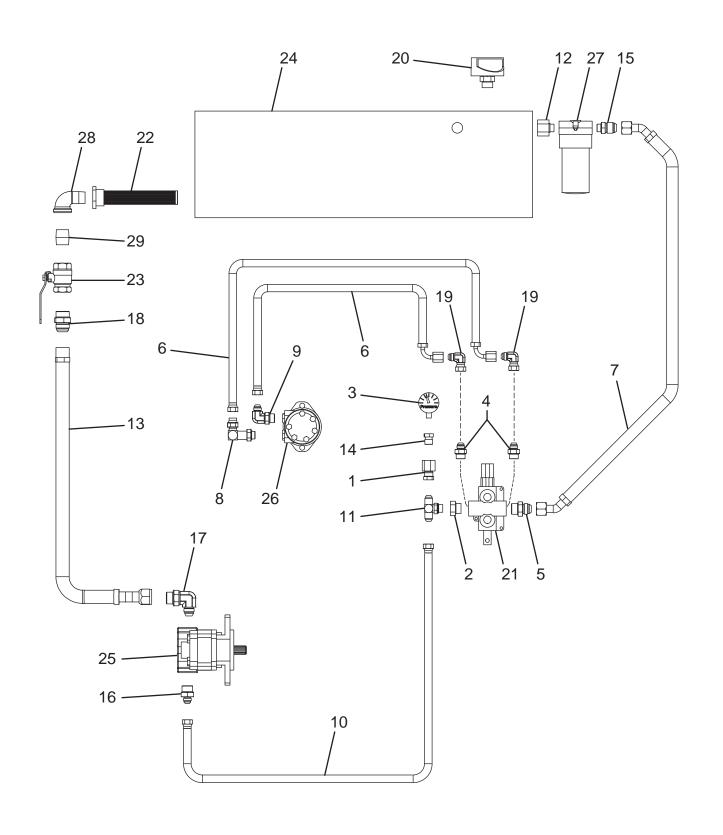
NOTE: Items with Part Number listed as "X" are only available as part of assemblies listed.



TRAILER WIRING

| Part Number | Description | No. Req'd |
|----------------|---|--------------|
| 023762 | Trailer Wiring Harness (Single Axle Only) | 1 |
| 075592 | 7-Blade Trailer Plug | 1 |
| 023424 | Breakaway Switch | 1 |
| FW71090 | Marker Light - Amber | 2 |
| 005138 | Right Taillight Assembly | 1 |
| 005137-A | Taillight Lens | 1 |
| 005137 | Left Taillight Assembly | 1 |
| 005137-A | Taillight Lens | 1 |
| 005436 | License Light | 1 |
| 005437 | 3-Bar Light | 1 |

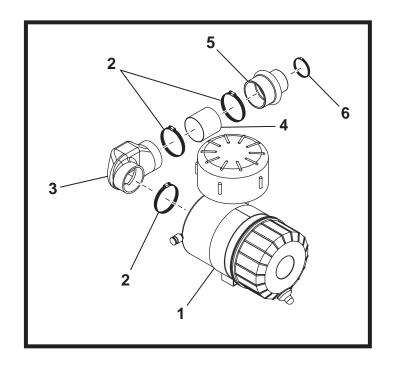
NOTE: 23945. Trailer Wiring for Tandem Axle Trailer adds splices and wire runs to connect secondary axle (Tandem Trailer option only).

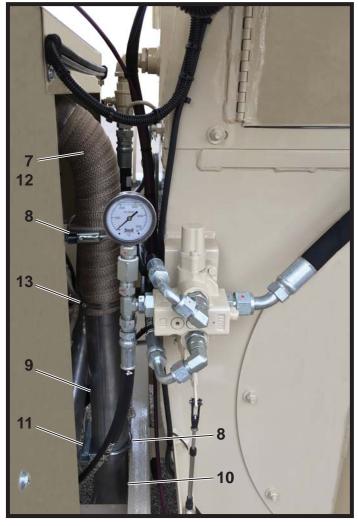


HYDRAULIC SYSTEM

| Ref. No. | Kit Ref. | Part Number | Description | No. Req'd |
|-------------|-------------|-------------|---|--------------|
| 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 Hydraulic Hose x 63 in. Long | 2 |
| 7 | | 023614 | 3/4 in. 100R4 Hydraulic Hose x 34 in. Long | 1 |
| 8 | | 023921 | Air-Way #6801-LL-08-10-NWO | 1 |
| 9 | | 023621 | Lenz #A3405-8-10 | 1 |
| 10 | | 023810 | 1/2 in. 100R2 Hydraulic Hose x 67 in. Long | 1 |
| 11 | | 023889 | Air-Way #6803-8-8-8 | 1 |
| 12 | | 023911 | Air-Way #6405-8-12-O | 1 |
| 13 | | 023932-01 | 1 in. Hydraulic Hose x 76 in. Long | 1 |
| 14 | | 055229 | Lenz #8-4HB | 1 |
| 15 | | 055233 | Lenz #A3105-12-08 (Midstate #6400-12-08) | 1 |
| 16 | | 055359 | Lenz# A3105-8-12 | 1 |
| 17 | | 023620 | Lenz #A3405-16-16 | 1 |
| 18 | | FW71712 | Air-Way #2404-16-16 | 1 |
| 19 | | FW71870 | Lenz #3505SW-8 (Midstate #6500-8-8) | 2 |
| 20 | | 005793 | Hydac Filler/Breather | 1 |
| 21 | | 008686 | Brand Hydraulic Valve | 1 |
| | | 023120 | Seal Kit for 8686 | 1 |
| | | SF310B-01 | Valve Handle | 1 |
| | | OSF311 | Handle Knob | 1 |
| | | OSF312-01 | Pin for Handle | 1 |
| | | 023740-01 | Handle Bracket | 1 |
| 22 | | 011466 | Suction Strainer | 1 |
| 23 | | 021559 | 1 in. NPT Ball Valve | 1 |
| 24 | | | Hydraulic Reservoir (part of Shredder Housing: P/N023 | 571)1 |
| 25 | | 023685 | Hydraulic Pump | 1 |
| | | 023731 | Seal Kit for Hydraulic Pump | 1 |
| 26 | | 023754 | Hydraulic Motor | 1 |
| | | 023858 | Seal Kit for Hydraulic Motor | 1 |
| 27 | | 023913 | Hydac Filter Assembly | 1 |
| | | 023914 | Filter Element | 1 |
| 28 | | 160062 | 1 in. 90 Degree Street Elbow | 1 |
| 29 | | 160305 | 1 in. Standard Close Nipple | 1 |
| KITS A | AND MA | ARKERS | | |

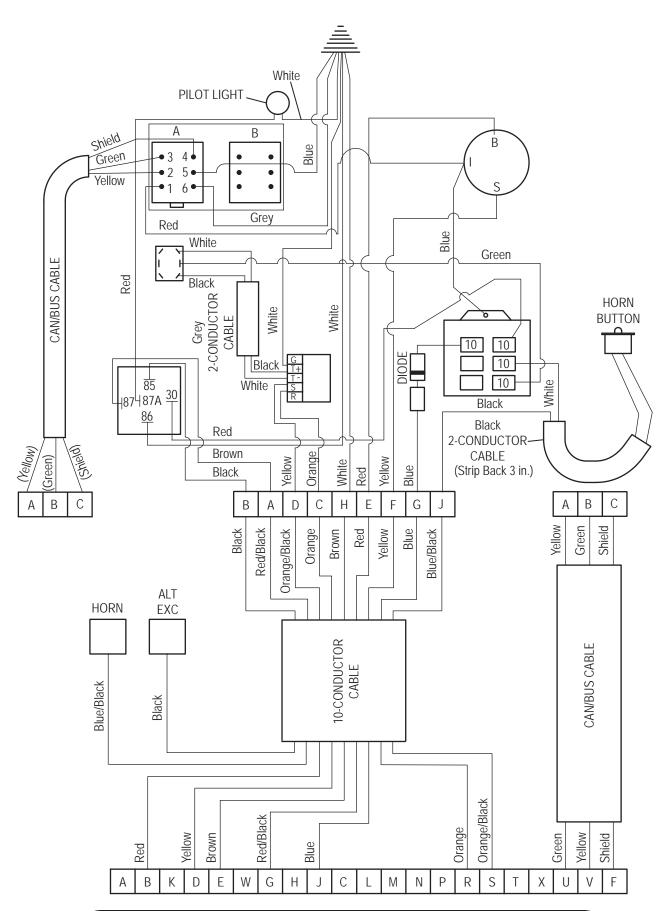
• 023932 Hydraulic Kit





AIR INTAKE AND EXHAUST SYSTEM

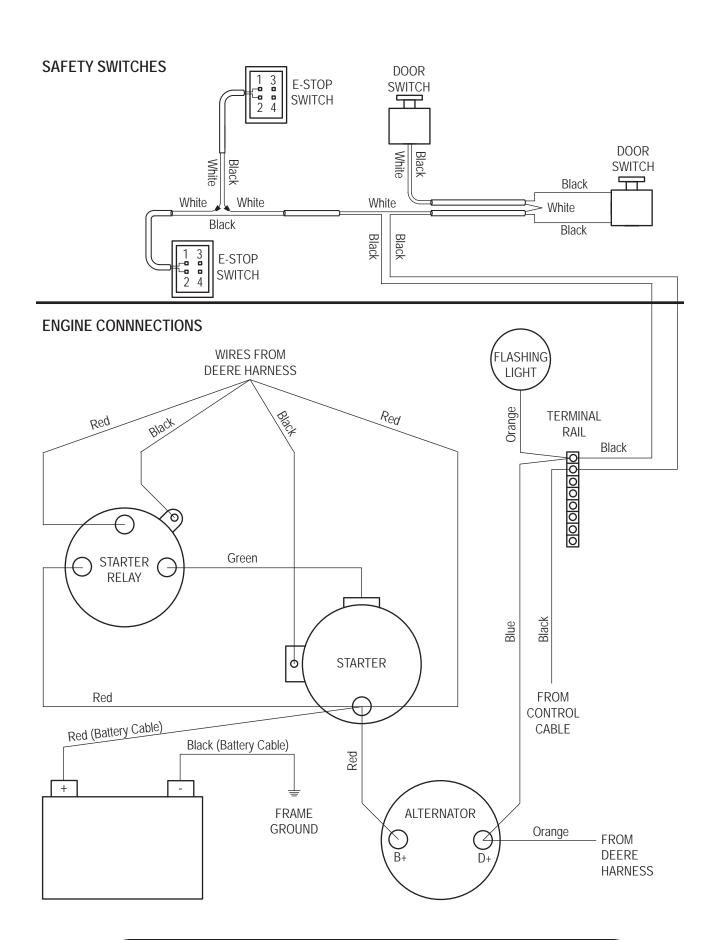
| Ref. No. | Part Number | Description | No. Req'd |
|-------------|-------------|--|--------------|
| 1 | 013135 | Air Cleaner | 1 |
| | 013135-M | Main Filter Element | 1 |
| | 013135-S | Safety Filter Element | 1 |
| | 013135-C | Mounting Bracket | 1 |
| | 013135-D | Filter Cap | 1 |
| 2 | 055335 | 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 | 023941 | Modified Exhaust Elbow | 1 |
| 11 | F260-0047 | Exhaust Bracket | 1 |
| 12 | 190257 | Exhaust and Header Wrap (Trailer Models) | 16 ft. |
| | 190257 | Exhaust and Header Wrap (Skid Models) | 50 ft. |
| 13 | 080582 | Worm Gear Clamp | 2 |



CONTROL BOX WIRING DIAGRAM

| Control Box Cable Assembly Toggle Switch Switch Boot Key Switch Key for Ignition Switch Modified Control Box PowerView | 1 1 1 1 |
|--|--|
| Switch Boot Key Switch Key for Ignition Switch Modified Control Box | 1 1 1 |
| Key Switch Key for Ignition Switch Modified Control Box | 1 1 1 |
| Key for Ignition Switch Modified Control Box | 1 |
| Modified Control Box | 1 |
| | 4 |
| PowerView | 1 |
| | 1 |
| PowerView Cable with Resistor | 1 |
| Pilot Light | 1 |
| Diode | 1 |
| 30 Amp Relay | 1 |
| Throttle Control Card | 1 |
| Circuit Fuse Panel | 1 |
| 10 Amp Blade Mount Circuit Breaker | 4 |
| Modified Sub Panel | 1 |
| Cord Connector with Locknut | 1 |
| Safety Wiring Harness | 1 |
| Control Box External Cable | 1 |
| Horn* | 1 |
| Horn Button | 1 |
| | 10 Amp Blade Mount Circuit Breaker Modified Sub Panel Cord Connector with Locknut Safety Wiring Harness Control Box External Cable Horn* |

^{*} See Engine Sheetmetal section for locations.



ENGINE WIRING DIAGRAM

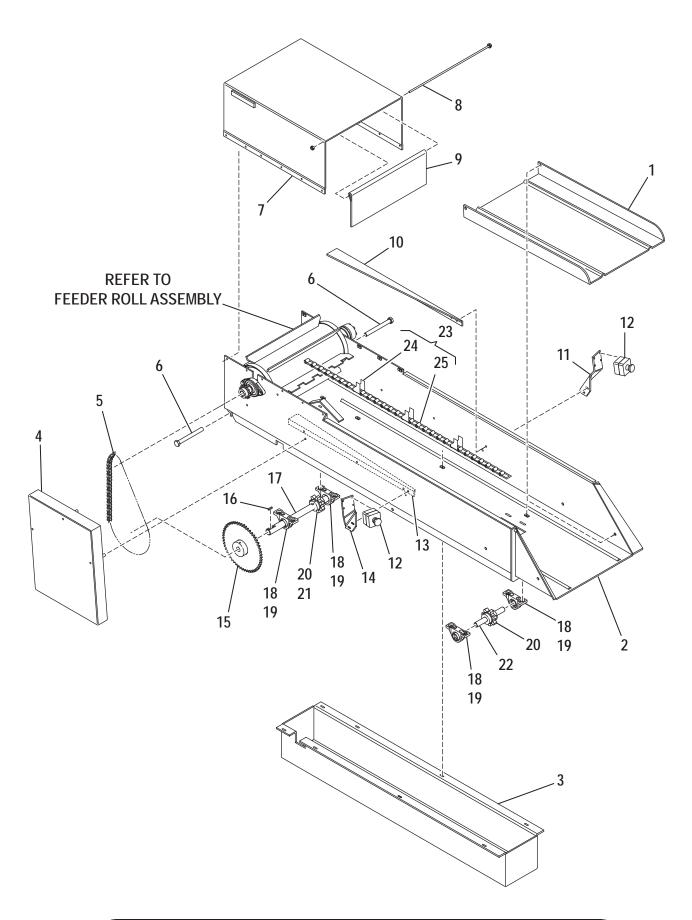
| Part Number | Description | No. Req'd |
|----------------|----------------------------------|--------------|
| 012970 | E-Stop and Enclosure* | 2 |
| 052436 | Door Switch** | 2 |
| 011851 | Interstate Battery C27-XHD | 2 |
| 012979-03 | Red Battery cable | 1 |
| 012979-05 | Black Battery Cable | 1 |
| 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 |
| 031401 | Stud Type Junction Block - 8 Std | 1 |

KITS AND MARKERS

^{*} See Feed Chute Assembly illustration for location.

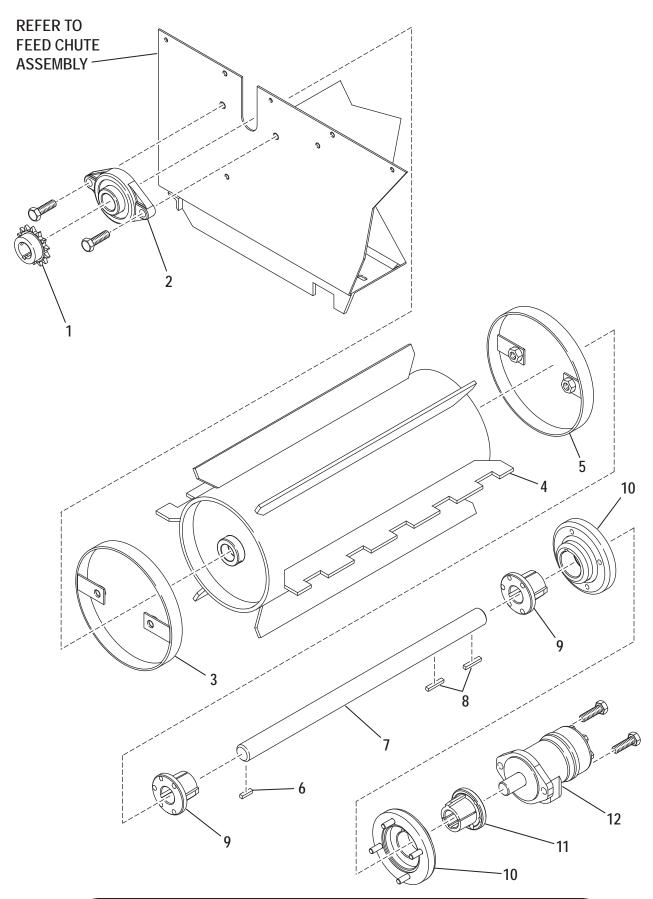
^{**} See Shredder Box and Blower Housing illustrations and Operator Platform illustration for location.

^{***} See Operator Platform illustration for location.



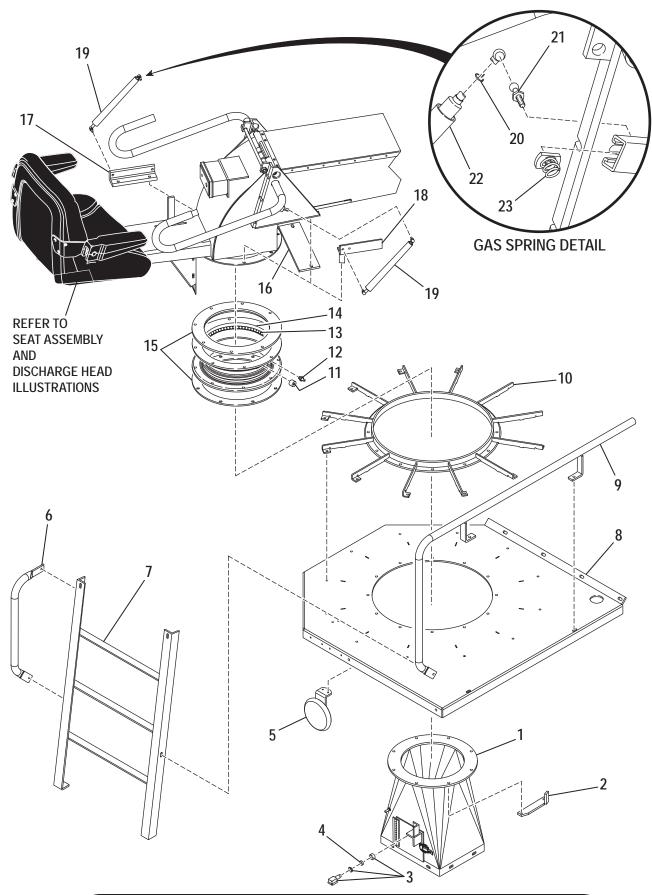
FEED CHUTE ASSEMBLY

| Ref. No. | Part Number | Description | No. Req'd |
|-------------|--------------|-----------------------------------|--------------|
| 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, 3/4 - 10 x 7 in. Long | 2 |
| 7 | 023171 | 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, 1/4 in. x 1 in. Long | 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 | 2 |
| 21 | 190123-24 | Key, 1/4 in. x 1-1/2 in. Long | 1 |
| 22 | 023197 | Idler Shaft | 1 |
| 23 | 021516 | Feed Chain | 1 |
| 24 | 020687 | Pick Chain Link | A/R |
| 25 | 020686 | Plain Chain Link | A/R |



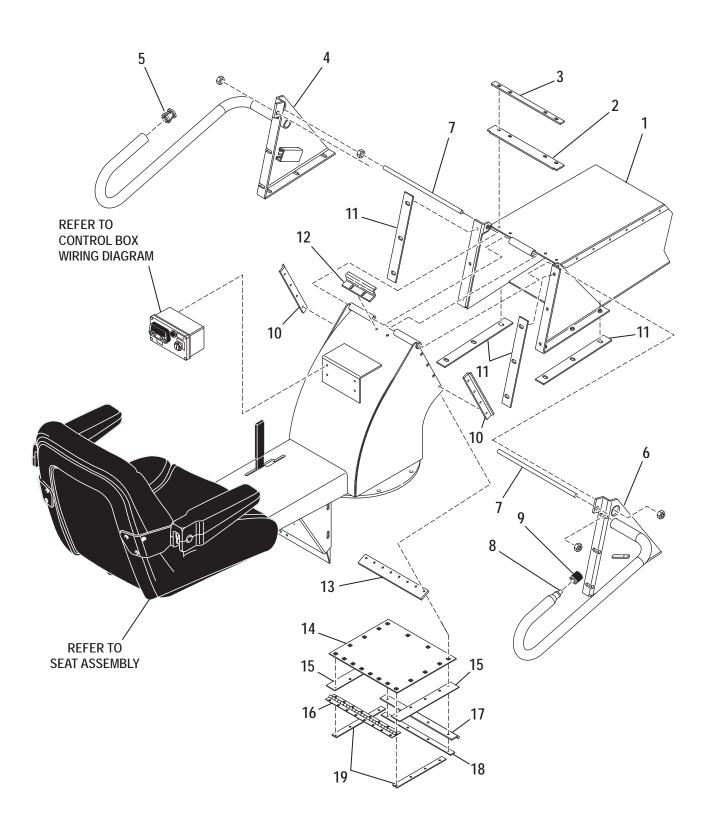
FEEDER ROLL ASSEMBLY

| Ref. No. | Kit Ref. | Part Number | Description | No. Req'd |
|-------------|-------------|-------------|------------------------------------|--------------|
| 1 | A | 023596 | Drive Sprocket | 1 |
| 2 | | 020586 | Flange Bearing | 1 |
| 3 | | 023125 | Feeder Roll End Cap - Bearing Side | 1 |
| 4 | | 023123 | Feeder Roll Weldment | 1 |
| 5 | | 023152 | Feeder Roll End Cap - Motor Side | 1 |
| 6 | | 190123-16 | Key, 1/4 in. x 1 in. Long | 1 |
| 7 | | 023190 | Feeder Roll Drive Shaft | 1 |
| 8 | | 190123-24 | Key, 1/4 in. x 1-1/2 in. Long | 2 |
| 9 | | 021440 | Bushing | 2 |
| 10 | | 023156 | Rigid Coupling | 1 |
| 11 | | 000393B | Bushing | 1 |
| 12 | | 023754 | Hydraulic Motor | 1 |
| | | 023858 | Seal Kit for Hydraulic Motor | 1 |
| KITS A | AND MA | ARKERS | | |
| | | 023189 | Feeder Roll Assembly | |



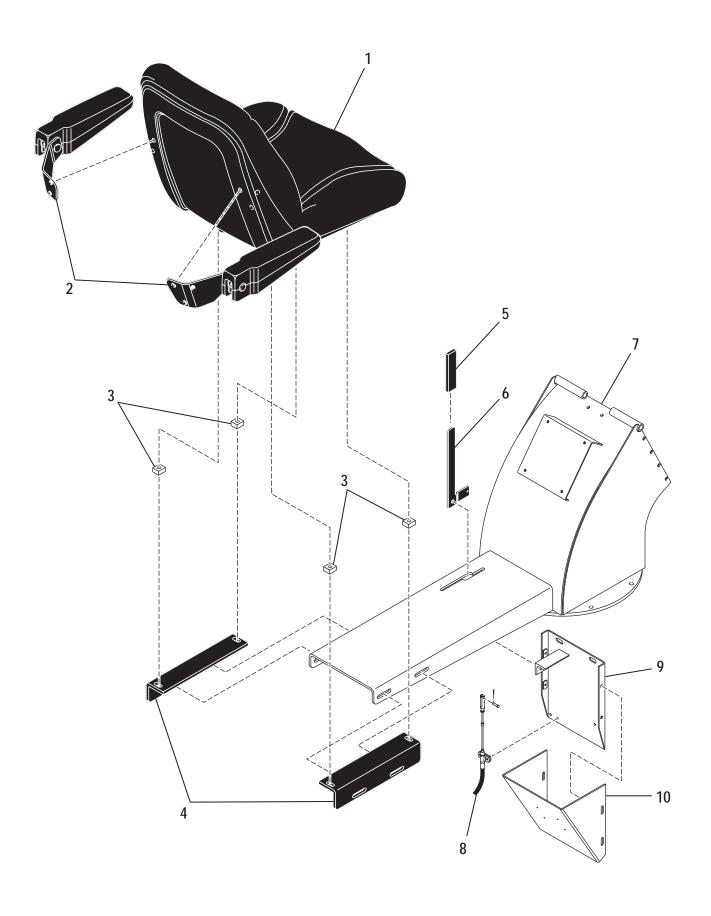
OPERATOR PLATFORM

| Ref. Ki No. Re | | Description | No. Req'd |
|-------------------|-----------|--|--------------|
| 1 | 023626 | Lower Transition | 1 |
| 2 | 023633-02 | Rotary Stop | 1 |
| 3 | 052436 | Door Switch | 1 |
| 4 | 052707 | Hex Nut | 1 |
| 5 | 007336 | Amber Flashing Light | 1 |
| 6 | 023638-03 | Hand Rail | 1 |
| 7 | 023551 | Ladder | 1 |
| 8 | 023549-01 | Platform | 1 |
| 9 | 023638 | Guard Rail | 1 |
| 10 | 023836 | Kick Strap Assembly | 1 |
| 11 🔺 | 023473 | Allen Wrench Pipe Plug | 1 |
| 12 🔺 | 021823 | Grease Fitting | 2 |
| 13 🔺 | 023350 | Bearing Balls | 81 |
| 14 🔺 | 023351 | O-ring | 1 |
| 15 | 023368 | Gasket | 2 |
| 16 | 023587-01 | Elbow Support Plate | 1 |
| 17 | 023633-03 | Gas Spring Lower Mount - Left Hand Side | 1 |
| 18 | 023633-01 | Gas Spring Lower Mount - Right Hand Side | 1 |
| 19 | 023609 | Gas Spring | 2 |
| 20 | 023611 | Safety Clip | 4 |
| 21 | 023610 | Ball Stud | 4 |
| 22 | 023160 | Gas Spring Cover | 2 |
| 23 | 080086 | Spring Nut | 2 |
| KITS AND | MARKERS | | |
| | 023374 | Bearing Assembly | |



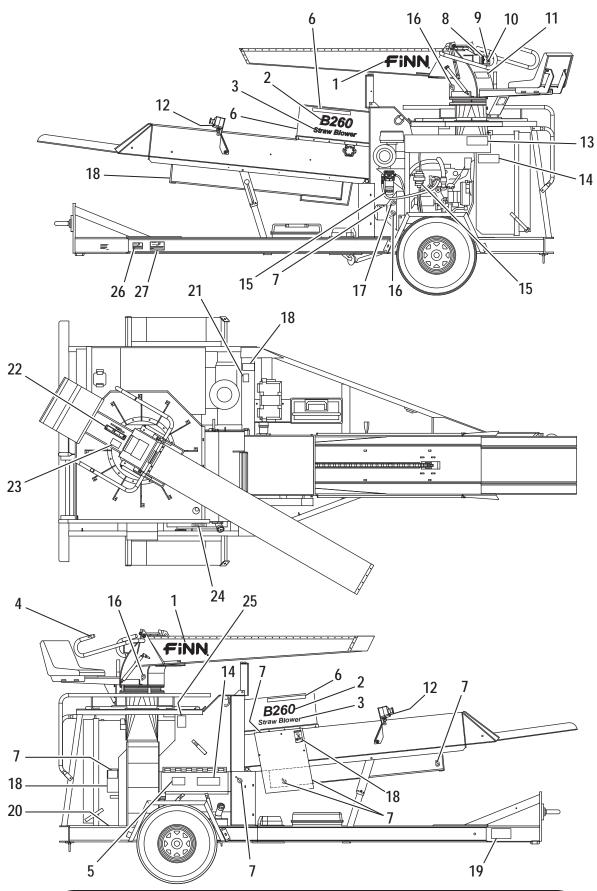
DISCHARGE HEAD

| Ref. No. | Kit Ref. | Part Number | Description | No. Req'd |
|-------------|-------------|-------------|-----------------------------------|--------------|
| 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 | | 023560-03 | Seal Plate | 1 |
| 15 | | 023726-02 | Flap Side Seal | 2 |
| 16 | | 023583-03 | Elbow Hinge | 1 |
| 17 | | 023726-08 | Flap End Seal | 1 |
| 18 | | 023726-06 | Flap End Seal Retainer | 1 |
| 19 | A | 023726-05 | Flap Side Seal Retainer | 2 |
| KITS A | AND MA | ARKERS | | |
| | | 023729 | Flapper Door Seal Assembly | |



SEAT ASSEMBLY

| Part Number | Description | No. Req'd |
|-------------|--|---|
| 023884 | Seat | 1 |
| 023885 | Armrest Kit | 1 |
| 035024-09 | Spacer | 4 |
| F260-0026 | Seat Mounting Bracket | 2 |
| 022202 | Black Handle Grip | 1 |
| F260-0015 | Power Feed Handle | 1 |
| 023876 | Discharge Elbow Weldment | 1 |
| 023639 | 99 in. Lg. Push-Pull Control Cable | 1 |
| 023555-02 | Control Cable Plate Weldment | 1 |
| 023554-01 | Control Cable Guard | 1 |
| | 023884 023885 035024-09 F260-0026 022202 F260-0015 023876 023639 023555-02 | 023884 Seat 023885 Armrest Kit 035024-09 Spacer F260-0026 Seat Mounting Bracket 022202 Black Handle Grip F260-0015 Power Feed Handle 023876 Discharge Elbow Weldment 023639 99 in. Lg. Push-Pull Control Cable 023555-02 Control Cable Plate Weldment |



DECAL LOCATIONS

| Ref. No. | _ | Part Number | Description | No. Req'd |
|-------------|--------|-------------|--|--------------|
| 1 | | 023174 | Decal "FINN" | 2 |
| 2 | | 023856-01 | Decal "B260" | 2 |
| 3 | | 023855 | Decal "Straw Blower" | 2 |
| 4 | | | Decal "Horn" | 1 |
| 5 | | | Decal "Operating Instructions" | 1 |
| 6 | | | Decal "WARNING! Flying Objects!" | 3 |
| 7 | | | Decal "Service Weekly" | 8 |
| 8 | | | Decal "Throttle" | 1 |
| 9 | | | Decal "Safety Switches | 1 |
| 10 | | | Decal "Ignition" | 1 |
| 11 | | | Decal "WARNING! Fall Hazard!" | 1 |
| 12 | | | Decal "Emergency Stop" | 2 |
| 13 | | | Decal "WARNING! Burn Hazard!" | 1 |
| 14 | | | Decal "WARNING! Sever Hazard!" | 2 |
| 15 | | | Decal "Drain Water Daily" | 2 |
| 16 | | | Decal "Service Daily" | 3 |
| 17 | | | Decal "Hand Gun" | 1 |
| 18 | | | Decal "WARNING! Do Not Operate" | 4 |
| 19 | | | Decal "WARNING! Runaway Vehicle Hazard!" | 1 |
| 20 | | | Decal "WARNING! Burn Hazard!" | 1 |
| 21 | | | Decal "CAUTION - New Clutch Information" | 1 |
| 22 | | | Decal "Power Feed" | 1 |
| 23 | | | Decal "WARNING! Wear Proper Eye and Ear " | 1 |
| 24 | | | Decal "Diesel Fuel" | 1 |
| 25 | | | Decal "CAUTION - Hydraulic System Instructions " | 1 |
| 26 | | | Decal "Patent Numbers" | 1 |
| 27 | | 031569 | Name Plate (Skid Units Only) | 1 |
| | | 031554 | Name Plate (Trailer Units; Single Axle Only) | 1 |
| | | 005807 | Name Plate (Trailer Units; Double Axle Only) | 1 |
| KITS A | AND MA | ARKERS | | |
| | | 023881 | Decal Kit | |

NOTE: Items marked by a circle (●) in the parts list above are part of decal kit # 023881. These decals must be ordered by their kit numbers and cannot be ordered separately.

RECOMMENDED SPARE PARTS

| Part Number | Description | No. Req'd |
|----------------|----------------------------------|--------------|
| 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 |
| JDRE504836 | 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 Plain Link | 3 |
| 020687 | Feed Chain Links With Attachment | 3 |
| 023839 | Blower Drive Belt | 1 |
| | | |

TOOL KIT

| Part Number | Description | No. Req'd |
|----------------|---|--------------|
| 410110 | B260 Tool Kit | |
| 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 |
| | FINN B260 Straw Blower Operator Instructions and Parts Manual | 1 |

REPAIR KITS

| Part | | No. |
|--------|-------------------------------------|-------|
| Number | Description | Req'd |
| 023120 | Seal Kit for 008686 Hydraulic Valve | 1 |
| 023858 | Seal Kit for 023754 Hydraulic Motor | 1 |
| 023731 | Seal Kit for 023685 Hydraulic Pump | 1 |