

Price \$25.00

Cornstalker DB18 Harvester

(For Serial No. CDB18-629096 through CDB18-_____)



Operator's and Parts Manual

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General Information

INTRODUCTION

The Pixall® Cornstalker DB18 you have purchased is the most efficient, high capacity mechanical chassis made. The Cornstalker DB18 is assembled on an articulating chassis. This means that the machine steers from the center. With articulating steering, the rear tires always follow the front tires. Adequate lubrication, proper adjustments, and maintenance practices are the most cost effective ways to extend the life expectancy of the CORNSTALKER DB18. The CORNSTALKER DB18 chassis is a self-propelled full-time four-wheel drive chassis. A John Deere 8.1L engine powers six hydraulic pumps that power the hydraulic motors, which in turn drive the entire machine. The CORNSTALKER DB18 articulating steering and weight distribution add up to high maneuverability and a light tire foot print.

This manual furnishes information and instructions that will help you achieve years of dependable performance. These operation and maintenance instructions have been compiled from extensive field experience and engineering data. Some of the information may be general in nature due to varying conditions. All illustrations in this manual are of a production machine, but due to possible in-line production changes, your machine may vary slightly in detail. Pixall reserves the rights to redesign and change the machine, as it may be necessary, without notification.

IMPORTANT: *Do not operate your new CORNSTALKER DB18 without first carefully reading and understanding this operator's manual. This will help you obtain top efficiency and the most from your investment. The performance of your CORNSTALKER DB18 chassis depends on how well you understand the personal safety issues and follow these instructions. Study this manual regardless of any previous experience.*



DANGER

Safety guards and protective shielding may be shown removed in this manual. **NEVER** operate the CORNSTALKER DB18 with the safety guards or protective shielding removed. Close or replace all shielding before operating the CORNSTALKER DB18. An **IMMEDIATE HAZARD** exists which **WILL** result in a high probability of **DEATH** or **SEVERE PERSONAL INJURY** if the warning is ignored and proper safety precautions are not taken.



WARNING

Make sure that everyone is clear of the harvester and the attached head to observe, unplug, or make any adjustments while the engine is running and that the operator understands and is familiar with all controls before attempting field operations. **DEATH, SEVERE PERSONAL INJURY, or significant PROPERTY DAMAGE CAN** occur.

If any **questions** arise while reading this manual, contact a Pixall® dealer and/or representative at **1-800-628-6196**. They will be happy to answer any questions regarding the CORNSTALKER DB18.

General Information

SERIAL NUMBER AND LOCATION

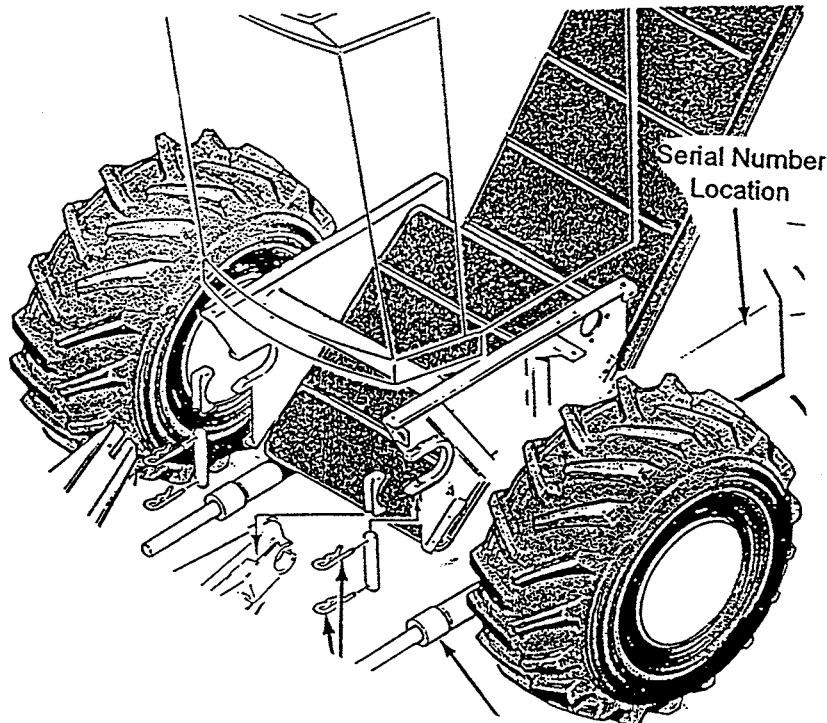
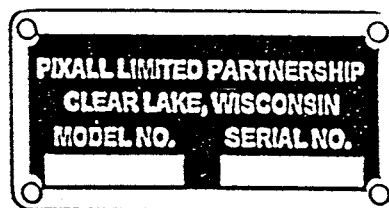
The serial number provides vital information about the CORNSTALKER DB18, identifying the individual machine, as well as the make and model. To quickly obtain the correct replacement parts for your CORNSTALKER DB18, supply the dealer with your serial number. For your convenience, copy the serial numbers of all your Pixall® equipment onto a small card and carry it with you.

The serial number is located on the left side of the chassis by the stairway.

Service Information

Consult your Pixall® Dealer for assistance and replacement parts. For quick reference when ordering parts, record the serial number in the space below and furnish it to the dealer when ordering parts.


SERIAL NUMBER: CDB18-_____



Model and Serial Number Nameplate Location

Safety

SAFETY DEFINITIONS

 This Safety-Alert Symbol appears throughout this manual and on the machine decals. Each symbol is followed by a precautionary words such as **DANGER**, **WARNING**, or **CAUTION**.

The specific safety instructions that appear with the Safety-Alert Symbol must be followed to protect the safety of all persons working on or around the machine. **PLEASE READ ALL SAFETY PRECAUTIONS CAREFULLY.**



DANGER

An **IMMEDIATE HAZARD** exists which **WILL** result in a high probability of **DEATH** or **SEVERE PERSONAL INJURY** if the warning is ignored and proper safety precautions are not taken.



WARNING

A **HAZARD** or **UNSAFE PRACTICE** exists which **CAN** result in **DEATH OR SEVERE PERSONAL INJURY** if the warning is ignored and proper safety precautions are not taken.



CAUTION

A **POSSIBLE HAZARD** or **UNSAFE PRACTICE** exists which **WILL** or **CAN** result in **MINOR PERSONAL INJURY** if the warning is ignored and proper safety precautions are not taken.

IMPORTANT: *Possible machine damage if a certain procedure is not properly followed. Also identifies information worthy of special attention.*

Safety

DECAL REPLACEMENT INFORMATION

All decals on the CORNSTALKER DB18 are shown on the following pages. All of the CORNSTALKER DB18 safety and operation instruction decal locations are also shown in this section.

It is very important that these decals remain intact and visible at all times. Decals must be replaced if they are illegible, damaged, or missing.

To affix new safety decals, the area must be thoroughly cleaned with a moist towel and allowed to dry. After the area has thoroughly dried, remove the backing and place the decal in the appropriate area, making sure to keep all air bubbles from behind the decal. If air bubbles do appear, work them to the nearest edge with a squeegee. Remove the protective covering from the decal.

Any new equipment components installed during the repair or maintenance of the CORNSTALKER DB18 must include the current safety signs as specified by the manufacturer. The decals must be affixed to the replacement component.

New decals can be requested by contacting:

YOUR DEALER: _____

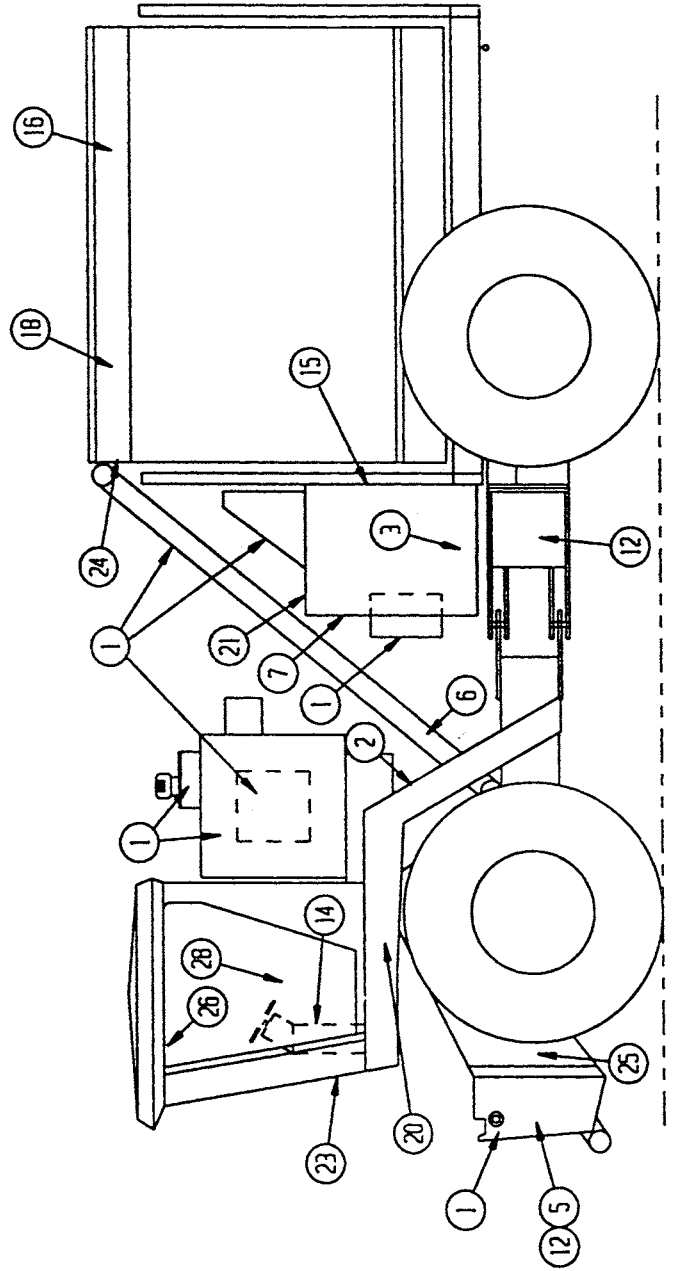
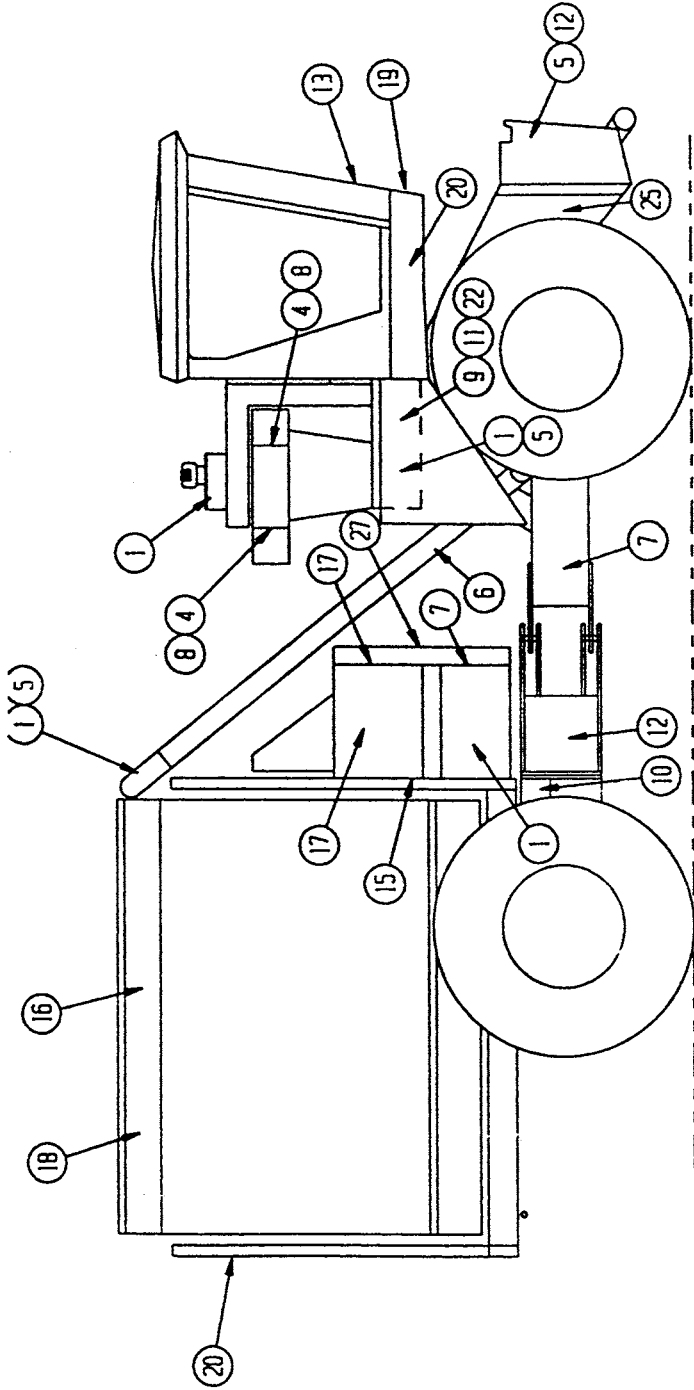
PHONE: _____

MANUFACTURER: PIXALL®
100 BEAN STREET
CLEAR LAKE, WISCONSIN 54005

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Toll Free: (800) 628-6196
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After Hours: (715) 491-5208

Pixall® reserves the right to make changes and improvements without notice to the customer. These changes will not obligate Pixall® to make changes or improvements on equipment sold previously.

SAFETY DECAL LOCATIONS



Safety

DECAL LOCATIONS FOR CORNSTALKER DB18

- 1 ___ **3000-0160 Caution Decal**
1 - On fan frame electrical box ½" down from top on center.
1 - On engine electrical box ½" from top on center.
1 - On LH fan frame shield ½" from top on center.
1 - On RH fan frame shield ½" from top on center.
1 - On LH face plate hose shield ½" from bolt slot on center.
1 - On RH face plate hose shield ½" from bolt slot on center.
1 - On pump house door ½" down on center.
1 - On front of engine shield 1 ½" up from bottom on center.
1 - On RH cleaning fan drive line shield ½" down on center.
1 - On LH cleaning fan drive line shield ½" down on center.
1 - On engine fan shield ½" down on center.
1 - On elevator drive shield 1" from LH side.
1 - On conveyor drive shield 5" from RH side ½" down from top front on center.
- 2 ___ **3000-0173 No Riders**
1 - Outside on stairway ½" down from top stair on center.
1 - Inside on stairway between second and third steps on center.
- 3 ___ **3000-0180 John Deere Diesel Power**
1 - On front of radiator housing 2" down from bottom of radiator screen.
- 4 ___ **3000-0186 Avoid Rotating Fan**
1 - On backside of fan discharge hood 9½" out from LH side 4" up from bottom.
1 - On front side of fan discharge hood 9½" out from LH side 4" up from bottom.
- 5 ___ **3000-0188 Chain & Sprocket Decal**
1 - On conveyor drive shield 4" in from RH side 2¾" down from top.
1 - On elevator drive shield 1" in from lefthand side on center.
1 - On righthand side of faceplate 22" up from bottom on center.
1 - On lefthand side of faceplate 22" up from bottom on center.
- 6 ___ **3000-0189 Rotating Belts & Pulleys**
2 - LH elevator side; one 4" from top, one to the rear of elevator cover clip.
2 - RH elevator side, one 4" from top, one to the rear of elevator cover clip.
- 7 ___ **3000-0190 No Clearance**
1 - On middle of engine fan shield.
1 - On RH pump house skirt 1" down on center.
1 - On RH front section 1½" from end cap 3" up from lockout bar weldments.
- 8 ___ **3000-0192 Fan Discharge Area**
1 - On backside of fan discharge hood 9½" out from LH side ½" up from bottom.
1 - On frontside of fan discharge hood 9½" out from RH side ½" up from bottom.
- 9 ___ **3000-0194 Warning Rotating Gears**
1 - On conveyor motor bracket 1" behind motor on center.
- 10 ___ **3000-0195 Battery Decal**
1 - Above battery box on rear frame 2" from end.
- 11 ___ **3000-0222 Danger Shield Missing**
1 - Behind conveyor drive shield 7" down from bottom of chain adjuster bracket to top of decal.

Safety

DECAL LOCATIONS FOR CORNSTALKER DB18 (Continued)

- 12 ___ **3000-0187 Rotating Drive Line**
1 - On RH center section 2" from center bearing in line with drive shaft.
1 - On LH center section 2" from center bearing in line with drive shaft.
1 - On RH side of faceplate 18" up from bottom on center.
1 - On LH side of faceplate 18" up from bottom on center.
- 13 ___ **3000-0266 On-Off Decal**
1 - On lockout switch behind hydraulic tank
- 14 ___ **3000-0215 Warning Decal**
1 - On backside of steering column 16½" up from floor to bottom of decal on center.
- 15 ___ **3000-0193 Support Dump Box**
1 - On LH pump house skirt 1" down on center.
1 - On rear radiator housing 3" below rotary screen latch button.
- 16 ___ **3000-0280 Pixall Cornstalker DB18**
1 - On RH extension lip 7½" from rear of dump box 1½" from top.
1 - On LH extension lip 7½" from rear of dump box 1½" from top.
- 17 ___ **3000-0225 Hydraulic Oil Decal**
1 - On front of hydraulic tank ½" below sight gauge.
1 - On right side of hydraulic tank 10½" up from bottom on center.
- 18 ___ **3000-**
- 19 ___ **3000-0283 Pixall Logo JD Cab**
1 - On center of cab skirt.
- 20 ___ **3000-0200 Pixall Decal**
1 - On RH cab landing 7¼" down from rear of landing to prespacing tape 1⅝" down from top edge.
1 - On LH cab landing 7" from rear handrail tube to prespacing tape 1⅝" down from top edge.
1 - On left hand rear of dump box 1" down from bottom of tee on center.
- 21 ___ **3000-0224 Warning No Step**
1 - On radiator housing 7½" in front of radiator fill cap on center.
- 22 ___ **3000-0184 Danger Rotating Stalk Ejectors**
1 - Behind conveyor drive shield 3" down from bottom of chain adjuster bracket to top of decal.
- 23 ___ **3000-0289 Park Brake Decal**
1 - On inside cab window 1" up from cab floor centered with park brake pedal.
- 24 ___ **3000-0275 No. 2 Diesel Fuel Decal**
1 - On fuel tank 4" down from filler tube.
- 25 ___ **3000-0226 Brake Decal**
1 - On inside cab window 2" up from cab floor on center w /brake pedals.

Safety

DECAL LOCATIONS FOR CORNSTALKER DB18 (Continued)

- | | | |
|----|---|---|
| 26 | — | Back Up Alarm Decal
1 - On gauge housing 5½" down from cab roof. |
| 27 | — | 3000-0295 Head Liner Decal
1 - On center of head liner. |
| 28 | — | 3000-0221 Safety Instruction Decal
1 - On upper RH side of cab 4" in front of speaker. |
| 29 | — | 3000-0319 High/Low Decal
1 - On inside (short) shift lever. |
| 30 | — | 3000-0318 1st/2nd Decal
1 - On outside (long) shift lever. |
| 31 | — | 3000-0338 Switch Panel Decal
1 - On arm rest. |
| 32 | — | 3000-0337 Stalk Ejector Reverse
1 - On switch #7 of arm rest. |
| 33 | — | 3000-0344 Caution to Prevent Unstable Conditions
1 - Inside cab on upper front of RH window |
| 34 | — | 3000-0342 Caution Powerline
1 - On rear discharge hood actuator bracket. |
| 35 | — | 3000-0343 Safety Stop Decal
1 - One on each side of intake--ahead of safety stop chain. |

Safety

SAFETY PRECAUTIONS

For your own protection and for the protection of others near the harvester, study the following list of safety precautions. Fulfill your responsibility of informing anyone else operating the harvester of these precautions.

Most harvester accidents can be avoided by following a few simple safety precautions. **Always follow the safety precautions.**

- Always sound the **horn before starting the engine.**
- **Do not attempt to lubricate or make any adjustments** on the CORNSTALKER DB18 or the attached head **while they are in motion** or while the **engine is running.**
- **Do not allow riders** on the CORNSTALKER DB18 at any time.
- Be especially **careful when operating on hillsides**, as the CORNSTALKER DB18 could tip sideways if it strikes a hole, ditch or other irregularity.
- A **fire extinguisher** is available **inside the cab of the CORNSTALKER DB18. Check it regularly** to be sure it is fully charged.
- **Do not work under** the attached head when it is in the **raised position** unless it is properly blocked or the cylinder safety stops are down and locked. Bring **all controls** to the **OFF** position **before stopping the engine.**
- **Replace any frayed belts** before they fail and break.
- **Keep children away** from and off the CORNSTALKER DB18 **at all times.**
- Make sure that everyone is **clear of the fan discharge area.**
- Always **stop** the attached head and **shut off the CORNSTALKER DB18 engine before:**
 - leaving the harvester seat.
 - Lubricating.
 - Cleaning the attached head.
 - Adjusting the CORNSTALKER DB18 or the attached head.
- **Wait** for all **movement to stop before servicing** the harvester or the attached head.
- Always **disengage** the attached head **when parking** the CORNSTALKER DB18.
- Always **block the wheels** from rolling **before working on or under** the CORNSTALKER DB18 or the attached head.
- Always **remain seated while operating** the harvester.
- Always keep **safety shields in place. Do not remove** any of the safety shields while the CORNSTALKER DB18 or the attached head are in **operation.**
- Always **keep** hands, feet, and clothing **away from moving parts.**
- Always **use adequate lights or safety warnings** when transporting machinery on **public roads** and after dark. Make sure the **slow moving vehicle (SMV) emblem is visible.** Check with your local law enforcement agencies for specific requirements.
- Always **use turn signals** when making a left or right hand turn **on the road.**
- **Never check** the drive chains or belts **while** the CORNSTALKER DB18 or the attached head are **running.**

Safety

- Never stand by the CORNSTALKER DB18 or the attached head while in **operation**.
- **Caution others**, especially children, about climbing on the CORNSTALKER DB18 or being too close while the Cornstalker DB18 or attached head are in operation.
- **Operate** the CORNSTALKER DB18 **only** at the recommended speed.
- Make sure **everyone is clear** of the CORNSTALKER DB18 and attached head **before starting** the engine **or engaging** the attached head, and **during any operation** of the CORNSTALKER DB18.
- **Maintain the correct tire pressure.**
- **Keep the engine area clean** of dust, chaff, and straw to prevent the possibility of fires.
- Make sure the **parking brake** is engaged **before leaving** the operator **control area**.
- Make sure the **hydrostatic speed control lever** is in **neutral before starting** the engine.
- **Refuel** the CORNSTALKER DB18 only after the **engine has been shut off**. **Do not smoke** or have any open flame when refueling.
- **Always use the battery lock-out switch** when working on the CORNSTALKER DB18 or the attached head.
- Before starting the engine, check that all controls are in the **OFF** position.

Safety

CHASSIS SAFETY FEATURES

- I. Articulated Steering
 - A. Rear wheels always follow the front.
- II. Weight Distribution
 - A. Allows for optimum driving and stopping.
 - B. Maneuverability and light foot print.
- III. Lock-Out Bar
 - A. Prevents the machine from articulating when being transported.
- IV. IPOR Valve on Ground Drive Hydraulic System
 - A. Internal pressure override valve maintains engine RPM under load.
- V. Battery Lock-Out
 - A. Prevents accidental engine starting during service.
- VI. Back-Up Alarm
 - A. Back-up alarm will sound in reverse.
- VII. Amber Flasher
 - A. Two located on the header front visibly.
 - B. Two located on the rear of the CORNSTALKER DB18 rear visibly.
- VIII. Slow Moving Vehicle Sign
 - A. Located on the rear of the CORNSTALKER DB18.
- IX. Remote Adjustable Fan Discharge Hoods
 - A. Operated from inside the cab to direct fan discharge.
- X. Machine Function Safety Switch
 - A. Located in the seat or door. When the operator leaves the cab with the harvester function running, the header, conveyor, and fans will shut down.
- XI. Cab Staircase
 - A. Construed with deck span material (no slip).
- XII. Road Lights/Working Lights
 - A. Nighttime visibility.
- XIII. Header Lift Cylinder Channel Stops
 - A. Allows quick, safe service of header.
 - B. Only to be used when servicing header, not for road travel.
- XIV. Load Loc Valve on Dump Box Lift Cylinder
 - A. When the pressure on the return from the dump box lift cylinder is lower than the valve setting, no oil will be let out of the cylinder.

Safety

CHASSIS SAFETY FEATURES (continued)

- XV. Neutral Start Safety (Ground Drive)
 - A. Header drive has to be off.
 - B. Cleaning fan system has to be off.
 - C. Ground drive lever has to be in neutral, before engine will start.

Safety

HYDRAULIC CYLINDER SAFETY STOPS



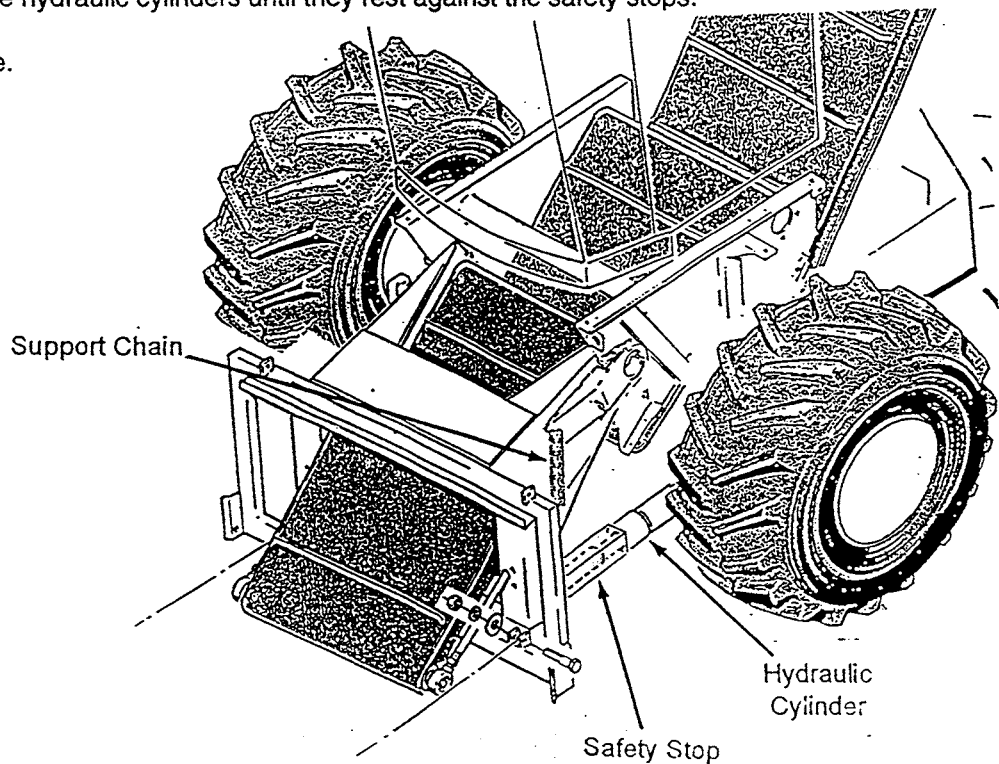
DANGER

ALWAYS put the hydraulic cylinder safety stops in the safety position when working under the bean head. This keeps the head from lowering accidentally. An **IMMEDIATE HAZARD** exists which **WILL** result in a high probability of **DEATH** or **SEVERE PERSONAL INJURY** if the warning is ignored and proper safety precautions are not taken.

Engaging the Safety Position

To put the hydraulic cylinder safety stops in the safety position:

1. Start the engine, raise the header, and extend the hydraulic cylinders out as far as they will extend.
2. Disconnect the support chains from the keyhole chain holders and lower the safety stops down against the shafts of the hydraulic cylinders. To prevent damage, connect the support chains back to the keyhole chain holders.
3. Slowly retract the hydraulic cylinders until they rest against the safety stops.
4. Stop the engine.



Hydraulic Cylinder Safety Stops In the Safety Position

Safety



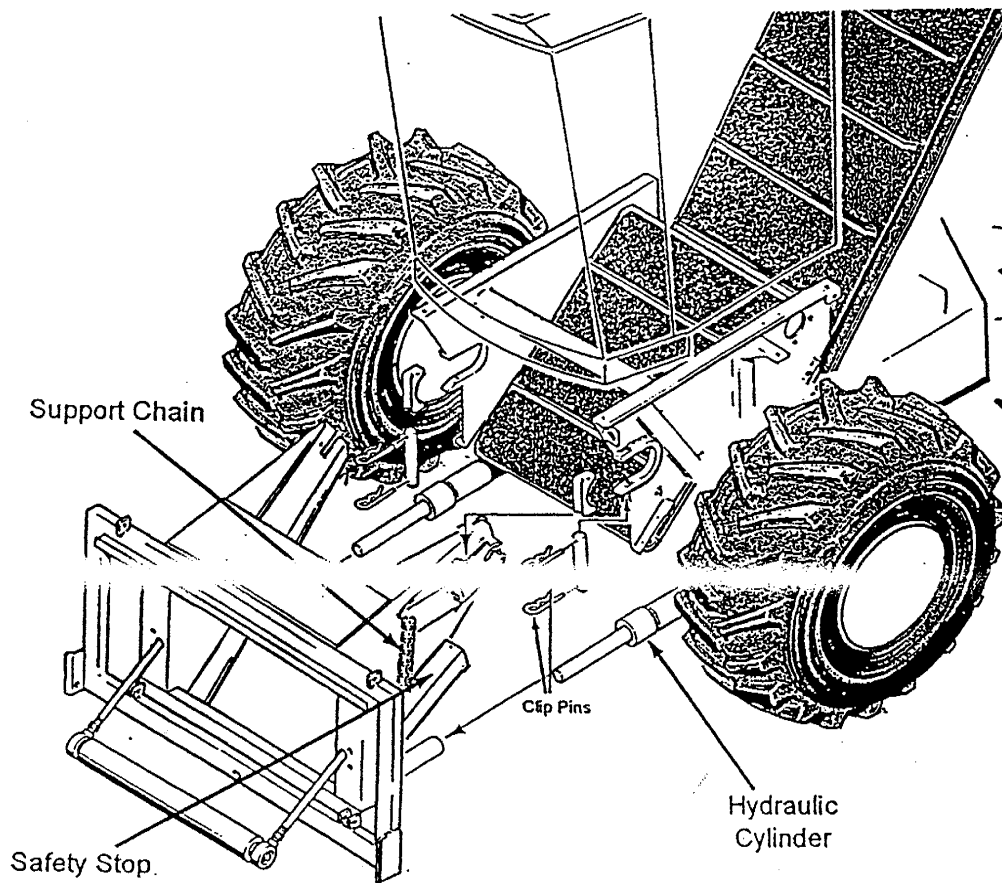
CAUTION

DO NOT put the hydraulic cylinder safety stops in the safety position for road travel. **DAMAGE** to the hydraulic cylinder and safety stops **CAN** occur.

Disengaging the Safety Position

To disengage the hydraulic cylinder safety stops from the safety position:

1. Start the engine, raise the header, and extend the hydraulic cylinders out as far as they will extend.
2. Disconnect the support chains from the keyhole chain holders and raise the safety stops up. Connect the support chains at the proper height to the keyhole chain holders.
3. Continue normal operation, or park the CORNSTALKER DB18 and stop the engine.



Hydraulic Cylinder Safety Stops Out of the Safety Position

Safety

FLASHING AMBER ROAD LIGHTS



CAUTION

- Make sure the harvester is equipped with reflective Slow Moving Vehicle signs.
- **ALWAYS** use the flashing amber lights on the CORNSTALKER DB18 for road travel to prevent road accidents, unless restricted by law.
- **ALWAYS** use turn signals when making a left or right hand turn on the road.
- Be especially careful during road travel in dusk and dawn light hours.

The flashing amber road lights are turned on for road travel and are turned off for harvesting. The flashing amber lights must be turned on for road travel. The flashing amber road lights are also used as turn signal lights. When turning on the road, always use the turn signals.

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Cab Controls - Cornstalker DB18™

CONTROL SWITCHES

1. Blank

This switch is not used.

2. Blank

This switch is not used.

3. Header Power Switch - On/Off

Pull up and forward on the toggle switch to start the header functions.

Push the toggle switch down to stop the header functions.



DANGER

NEVER attempt to clear any obstructions from the header while the harvester is running. Disengage the header and shut OFF the engine before attempting any maintenance. An **IMMEDIATE HAZARD** of being pulled into the header exists which **WILL** result in a high probability of **DEATH** or **SEVERE PERSONAL INJURY** if the warning is ignored and proper safety precautions are not taken.

IMPORTANT: *Always start the header at a low harvester rpm. This helps reduce stress on the components of the header.*

4. Main Suction Fan Power Switch - On/Off

Pull up and forward on the toggle switch to start the main suction fan.

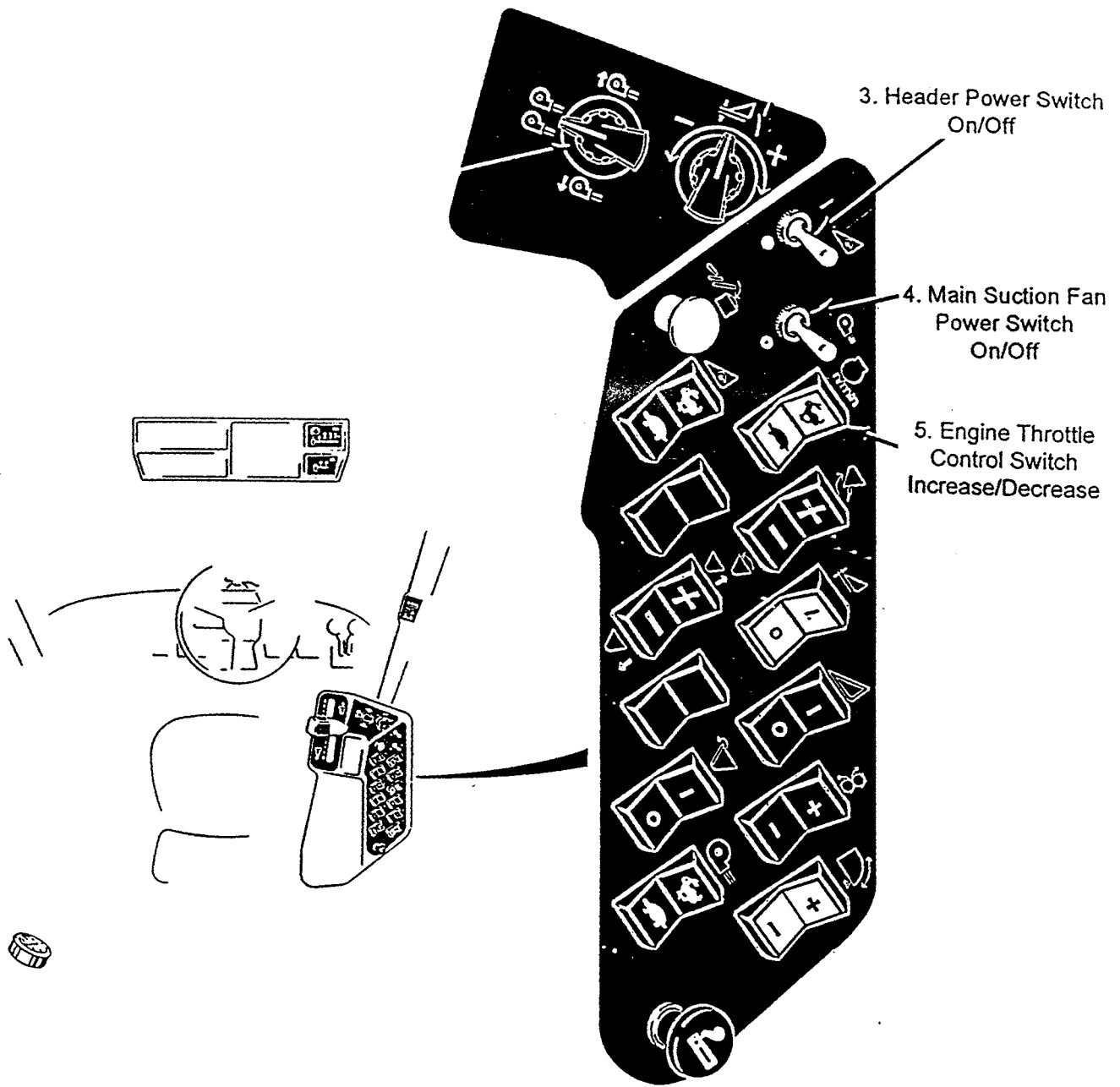
Press the toggle switch down to stop the main suction fan.

5. Engine Throttle Control Switch - Increase/Decrease

Press the upper half of the switch to increase the speed of the engine.

Press the lower half of the switch to decrease the speed of the engine.

Cab Controls - DB18™



Cab Controls - DB18™

CONTROL SWITCHES (cont.)

6. Dump Box Unload Switch - Dump/Retract

Press the upper half of the switch to dump the dump box.

Press the lower half of the switch to retract the dump box.

7. Blank

8. Blank

9. Reversing Stalk Ejector Switch

Shut off the conveyor switch, then press the reversing stalk ejector switch to reverse the stalk ejector.

10. Fan Discharge Hoods Control Switch - Raise/Lower

Press the upper half of the switch to raise the discharge hoods.

Press the lower half of the switch to lower the discharge hoods.

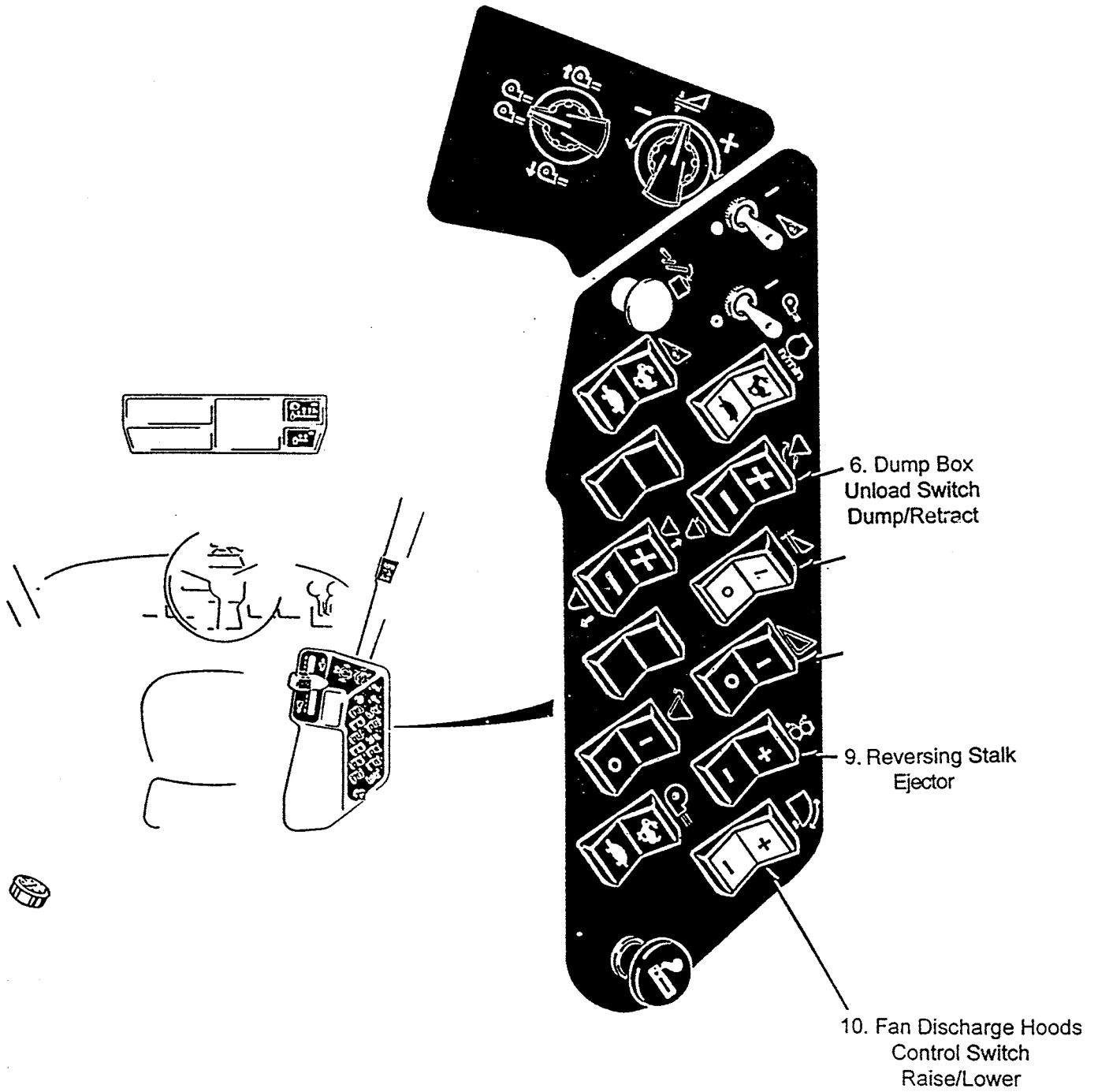
NOTE: *Raise the hoods to increase cleaning capacity and distribute debris over a broader area.*



WARNING

ALWAYS be aware of the surroundings, and make sure that everyone is clear of the fan discharge area. Debris is thrown from fans at high speeds and **CAN** cause serious **PERSONAL INJURY** or **PROPERTY DAMAGE**. Lower (close) the discharge hoods near roadways, residential areas, etc. to help prevent accidents.

Cab Controls - DB18™



Cab Controls - DB18™

CONTROL SWITCHES (cont.)

11. Conveyors Power Switch - On/Off

Pull the switch out to start the conveyor.

Push the switch to stop the conveyor.

IMPORTANT: *The conveyor speed is directly proportional to the harvester engine rpm. Always start the conveyors at a low harvester engine rpm.*

12. Header Speed Switch - Increase/Decrease

Press the upper half of the switch to increase the speed of the header functions.

Press the lower half of the switch to decrease the speed of the header functions.

13. Blank

This switch is not used.

14. Dump Box Height Switch - Raise/Lower

Press the upper half of the switch to raise the dump box.

Press the lower half of the switch to lower the dump box.



WARNING

Make sure that everyone is clear of the harvester before performing any dump box operations. **DEATH** or **SEVERE PERSONAL INJURY CAN** occur.

15. Blank

This switch is not used.

16. Dump Box Conveyor Power Switch - On/Off (Optional)

Press the upper half of the switch to start the dump conveyor.

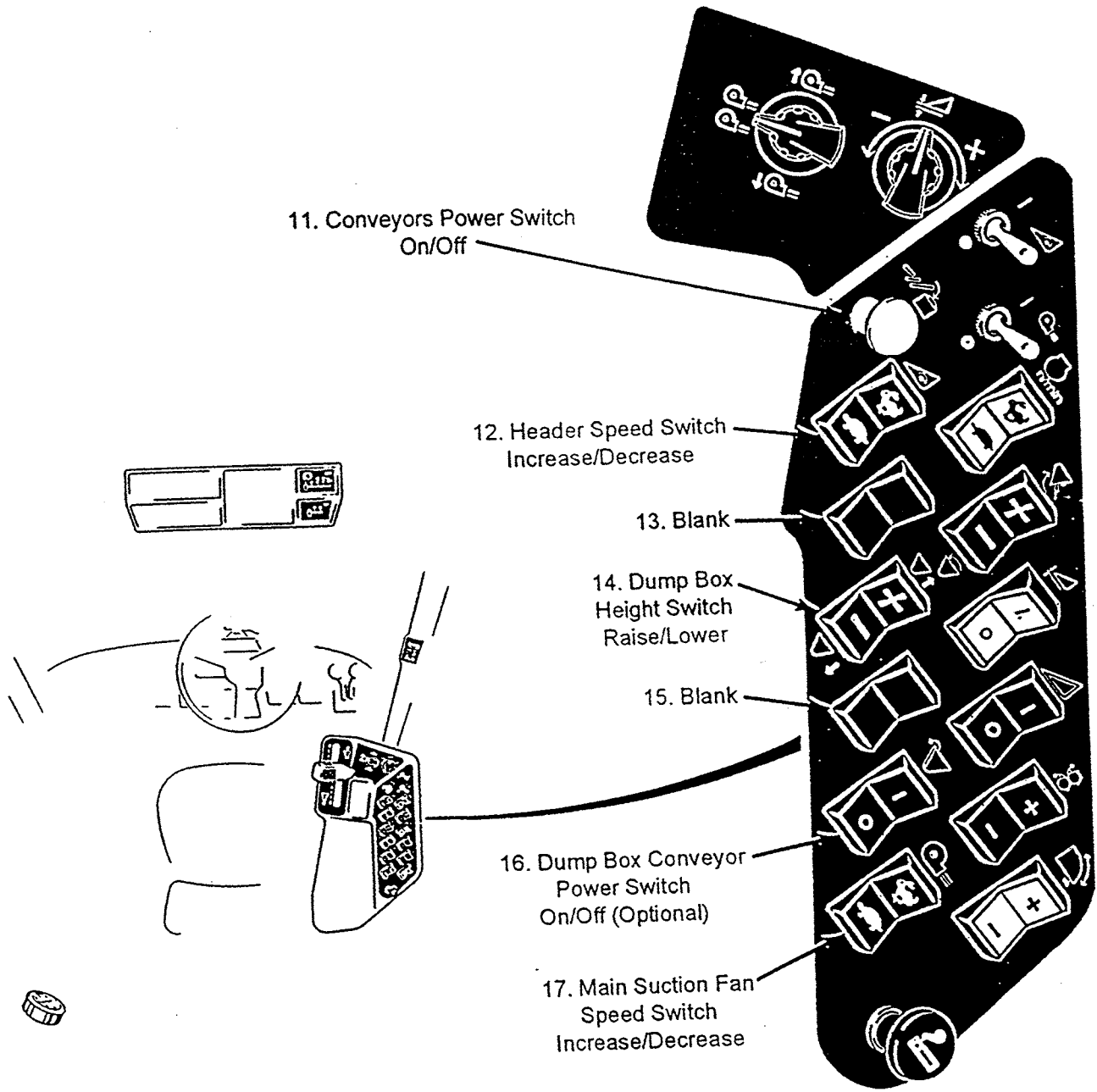
Press the lower half of the switch to stop the dump conveyor.

17. Main Suction Fan Speed Switch - Increase/Decrease

Press the upper half of the switch to increase the speed of the main suction fans.

Press the lower half of the switch to decrease the speed of the main suction fans.

Cab Controls - DB18™



Cab Controls - DB18™

GROUND DRIVE LEVER AND SWITCHES

1. Elevator Speed Switch - Increase/Decrease

Press the left half of the switch to increase the speed of the elevator.
Press the right half of the switch to decrease the speed of the elevator.

2. Hydrostatic Ground Drive Lever

The hydrostatic ground drive lever allows precise adjustment of forward and reverse ground speed within a selected gear range. With the transmission in gear, move the lever forward to move the harvester forward at a forward ground speed proportional to the position of the lever. The lever is friction set and remains in the set position. Move the lever backward at any time to slow the forward ground speed travel.

IMPORTANT: *The hydrostatic ground drive lever must be in the neutral position before the harvester engine can be started.*

IMPORTANT: *The forward ground speed is a critical part of the successful recovery of product. The forward ground speed must be adjusted according to the field conditions, crop conditions, and terrain.*

IMPORTANT: *To obtain the most efficient operation of the harvester, select a gear range that allows the hydrostatic ground drive lever to operate in a 3/4 to fully stroked position during harvester operation.*

IMPORTANT: *For reverse travel, move the hydrostatic ground drive lever to the neutral position, tilt it to the right, and move it backward. Maximum reverse speed is approximately 50% of the forward speed.*

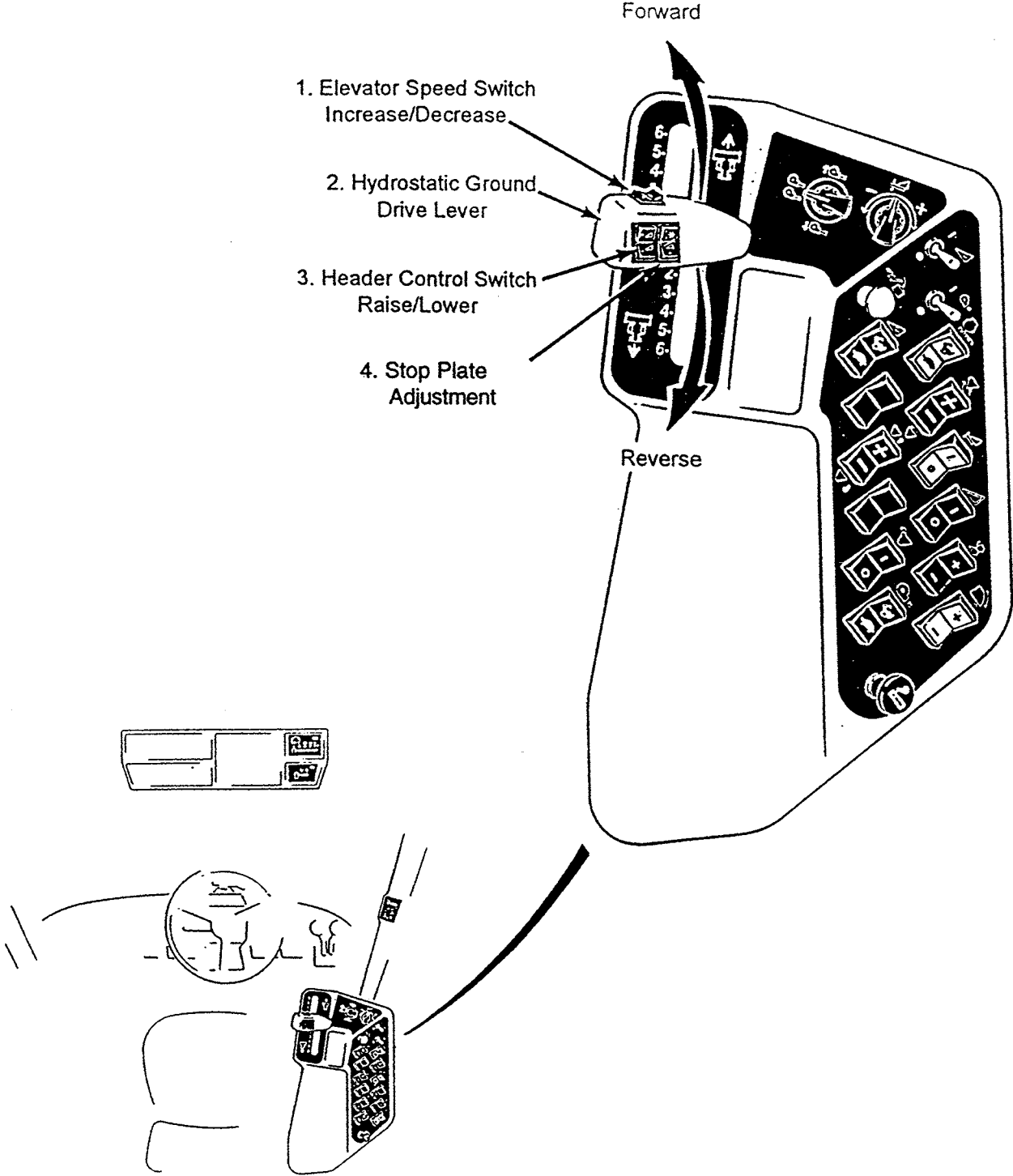
3. Header Control Switch - Raise/Lower

Press the upper half of the switch to lower the entire header by extending the hydraulic lift cylinders.
Press the lower half of the switch to raise the entire header by retracting the hydraulic lift cylinders.

4. Stop Plate Adjustment Switch

Press the upper half of the switch to move stop plates in or together.
Press the lower half of the switch to move stop plates out or further apart.

Cab Controls - DB18™



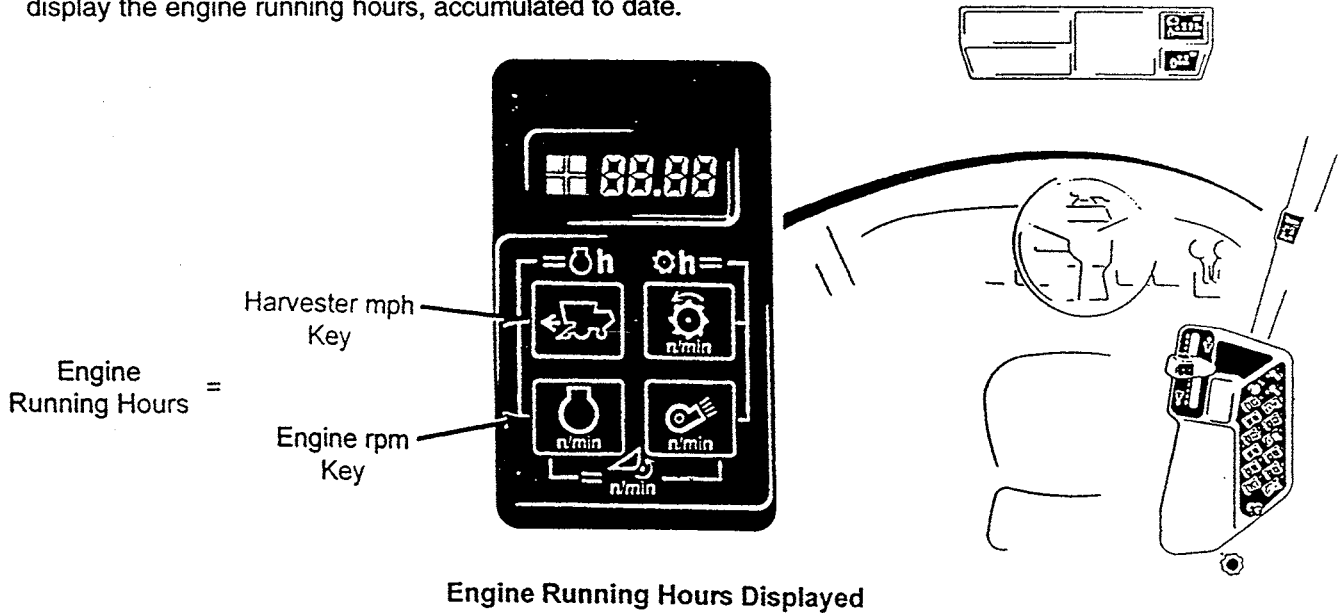
Tachometer

TACHOMETER FUNCTIONS (BIG JACK™/SUPER JACK™, DB18 AND EL30)

Tachometer Keys

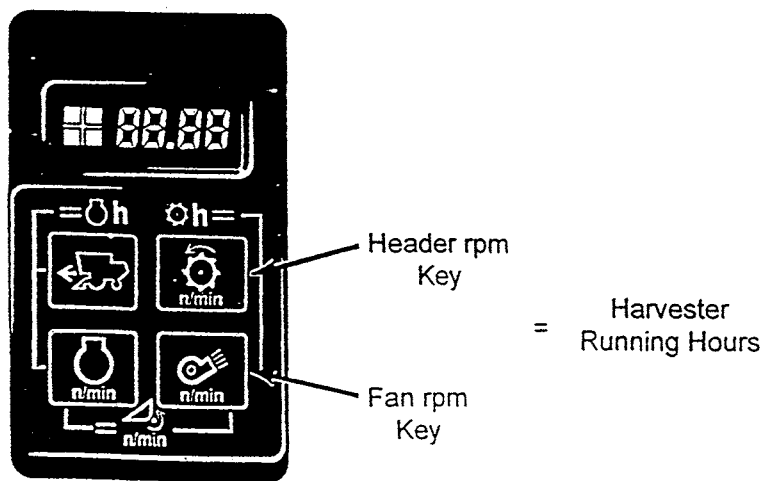
Press any one of the keys on the tachometer touch pad [harvester mph (ground speed), engine rpm, header rpm, or fan rpm] to display functions on the digital display screen.

Press the two left-hand touch pad keys simultaneously [harvester mph (ground speed) and engine rpm] to display the engine running hours, accumulated to date.



Engine Running Hours Displayed

Press the two right-hand touch pad keys simultaneously (header rpm and fan rpm) to display the harvester running hours, accumulated to date.

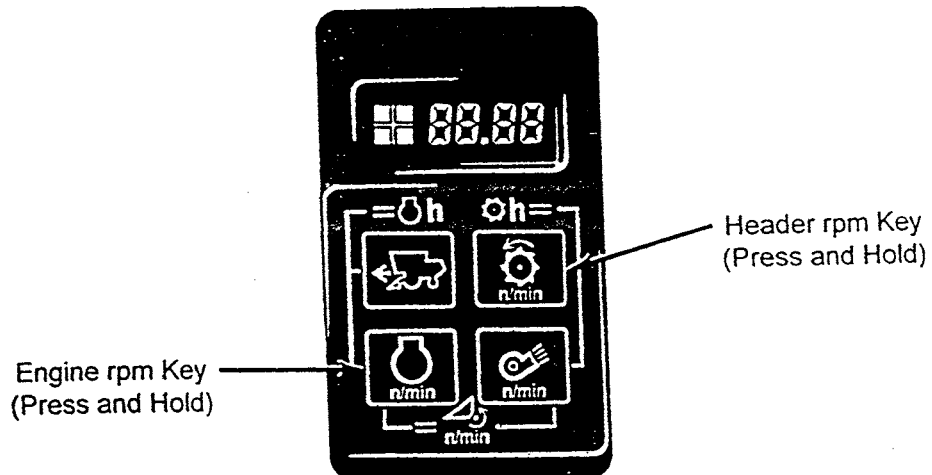


Harvester Running Hours Displayed

Tachometer

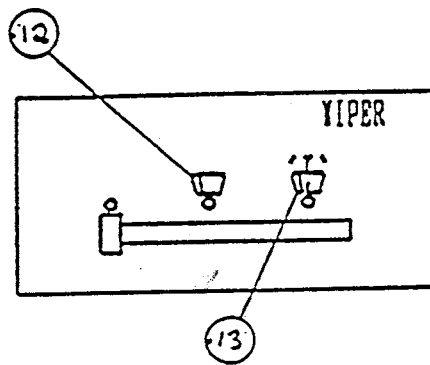
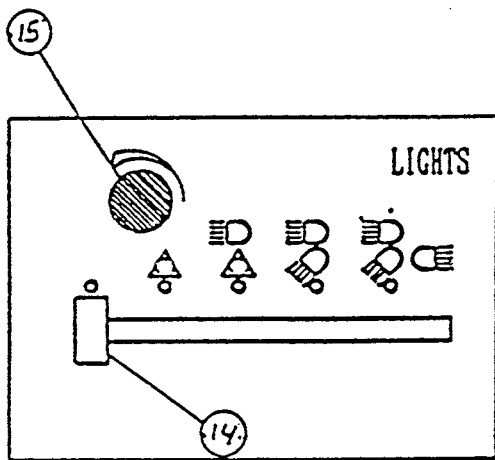
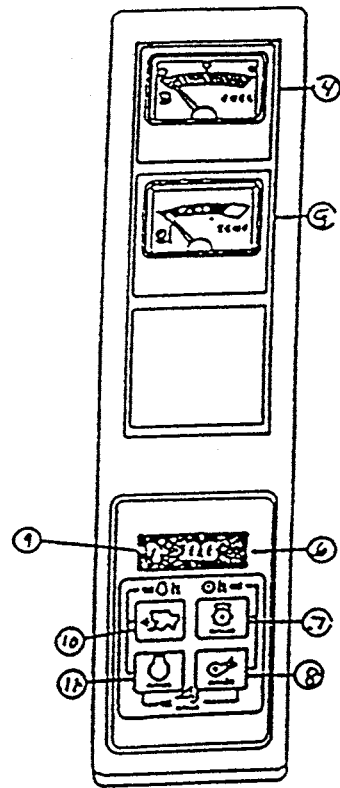
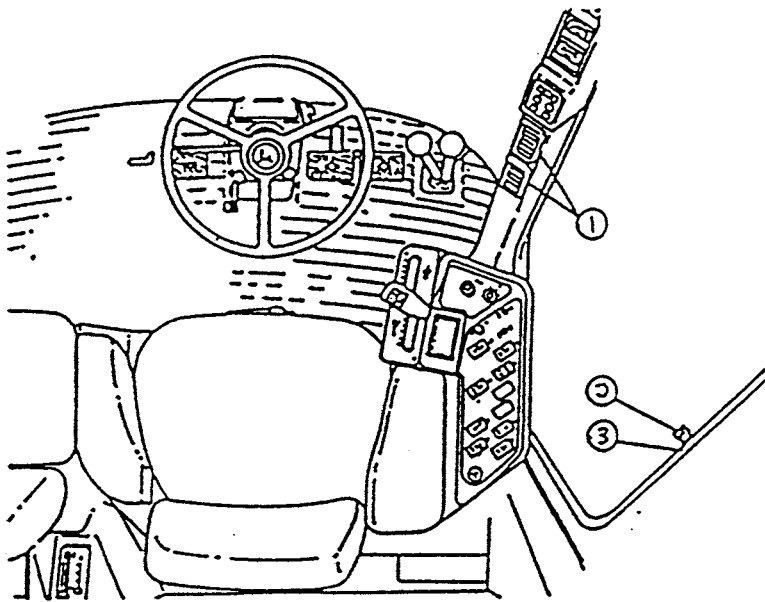
Clearing the Service Message

1. Every 50 hours the message SEU-1 appears on the tachometer display screen. This message indicates that the machine requires servicing. To clear the message, press the header rpm and the engine rpm tachometer touch pad keys simultaneously. While holding the keys in, turn the ignition key to the "On" position. The message is cleared.
2. Turn the ignition key to the "Off" position to store the programming and end the programming mode.



Service Message Cleared

Cab Controls



Cab Controls

1. Cab Air Vents

Multi-directional air vents are positioned throughout the cab for operator comfort.

2-3. Emergency Exit

Pull tab to dislodge rubber rope. Pull rope until rope is removed from around the window. The window can now be pushed out and allowed to fall free.

4. Fuel Level Gauge

With the key on, the fuel gauge will move to the right, showing the amount of fuel. The needle may be in any position with the key off. Watch your fuel gauge closely to avoid starving your diesel engine of fuel.

5. Water Temperature Gauge

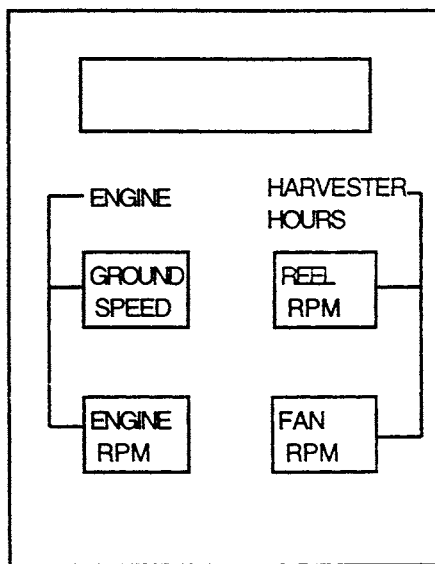
The needle should read in the black zone during operation. If the red light on the warning display panel turns on and buzzer sounds, stop engine and check problem immediately. Normal operating temperature is 200°.

6-9. Tachometer Engine/Fan/Reel/MPH

By pushing the designated touch pads tachometer any of the following functions will display on the digital screen: engine rpm, fan rpm, reel rpm, and harvester mph.

By pressing the two pads on the left hand side, engine rpm and harvester rpm you will be able to read engine hours.

By pressing the two pads on the right hand side, reel rpm and fan rpm, you will be able to read the harvester hours.



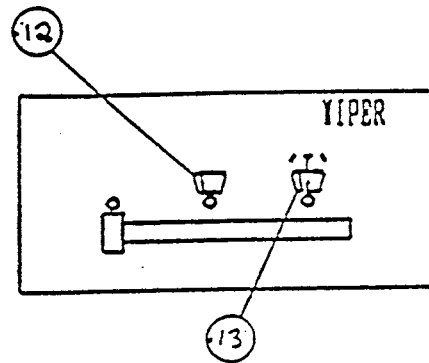
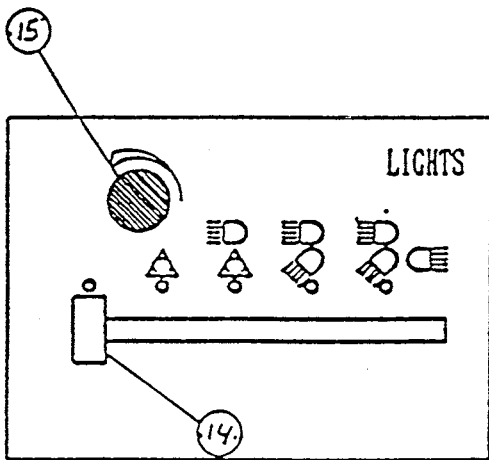
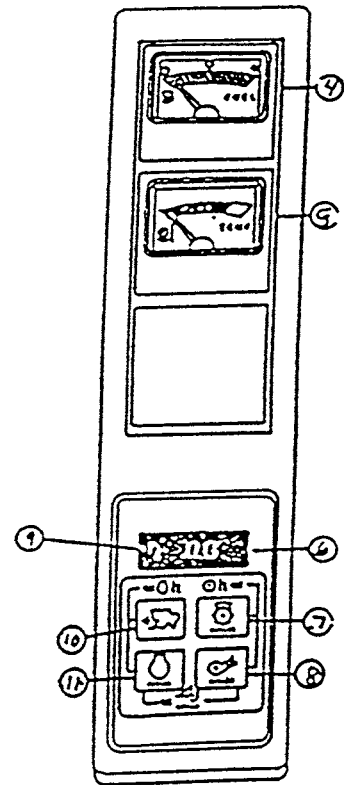
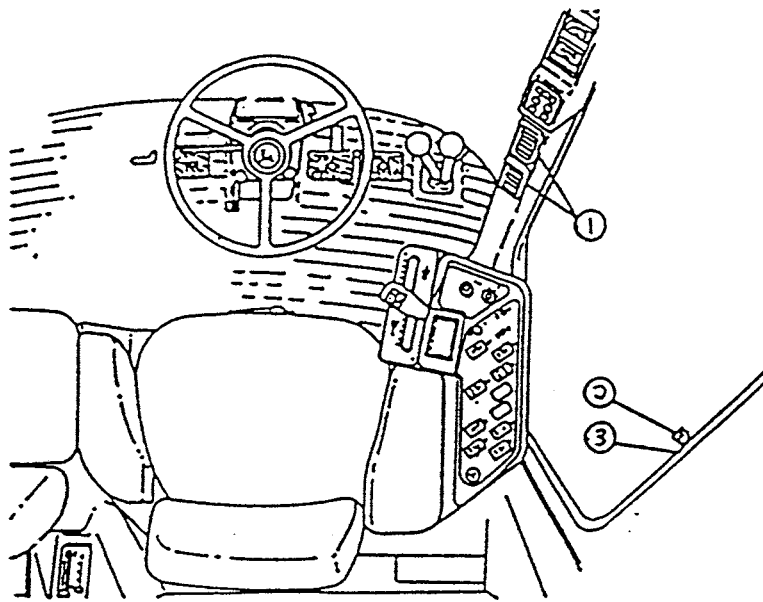
12. Windshield Wiper

The key switch must be in the ON position for the wiper to work.

13. Windshield Washer

Move lever to the wash position. Wash will spray as long as the lever is held in this position.

Cab Controls



Cab Controls

14. Light Switch

This lever controls all light functions.

First position turns on the flasher.

Second position turns on the flasher and road lights.

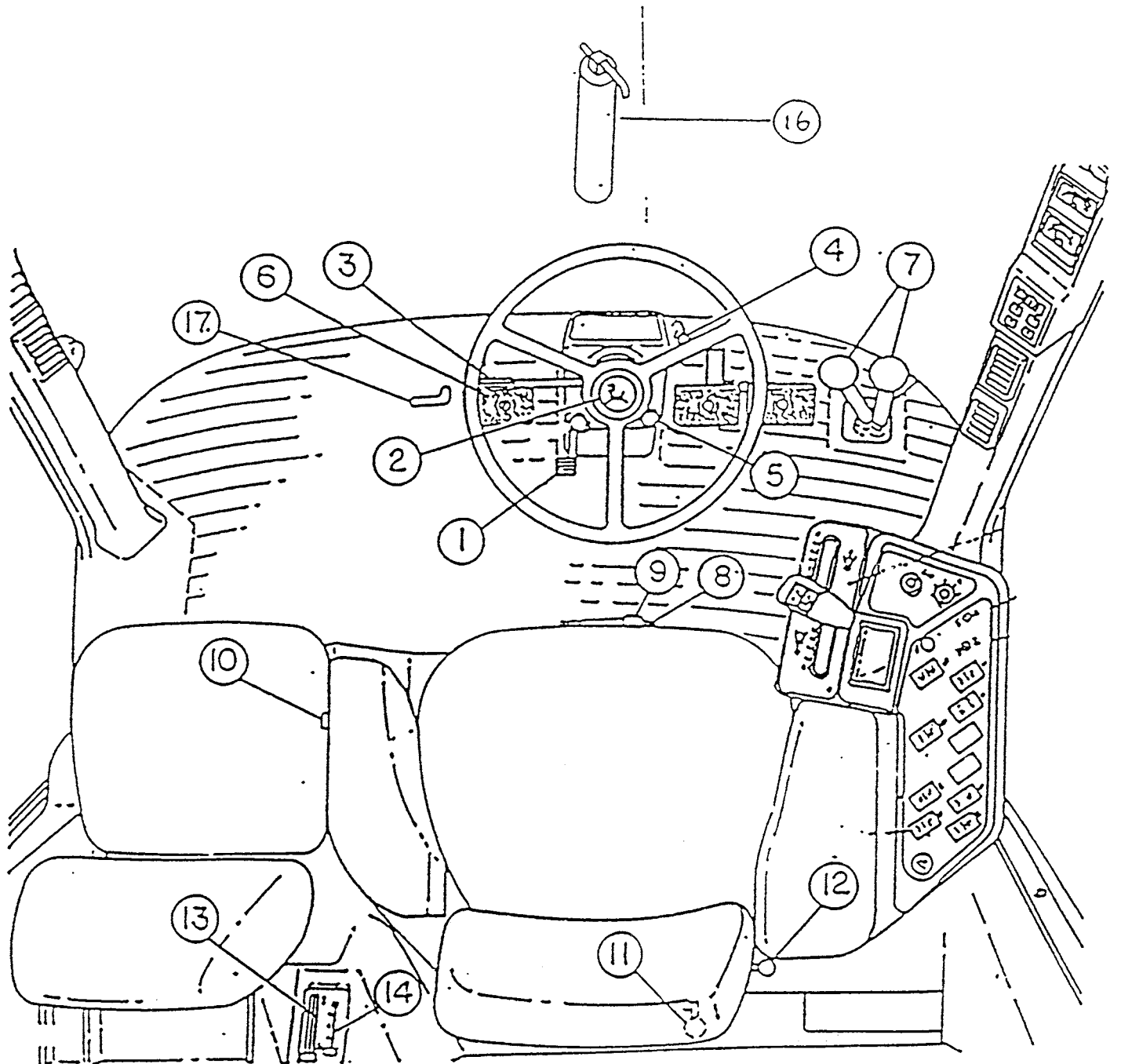
Third position turns on the road lights and the work lights.

Fourth position turns on the road lights, work lights, and auxiliary lights.

15. Dimmer Switch

For all cab interior lights.

Cab Controls



Cab Controls

1. Tilt Steering Column

To tilt the steering column depress lever, move column into desired position and release lever. The steering wheel will now be locked into the desired position.

2. Telescoping Steering Wheel

Turn knob counter-clockwise, pull steering wheel into the desired position, turn knob clockwise to lock steering wheel into the desired position.

3. Turn Signal Lever

Move turn signal lever forward to indicate right hand turns and pull lever back to indicate left hand turns.

4. Ignition

Insert key into switch and rotate clockwise to the first position to turn on electrical system. Continued clockwise rotation engages starter motor.

5. Horn

Depress button to sound horn.

6. Brake

Depress the brake pedal, to apply the parking brake.

Depress the two brake pedals on the right for the service brakes. Keep the pedals latched together to obtain the best performance.

IMPORTANT: *A buzzer will sound while parking brake is engaged. This is to prevent the parking brake from accidentally being left on during operation.*



DANGER

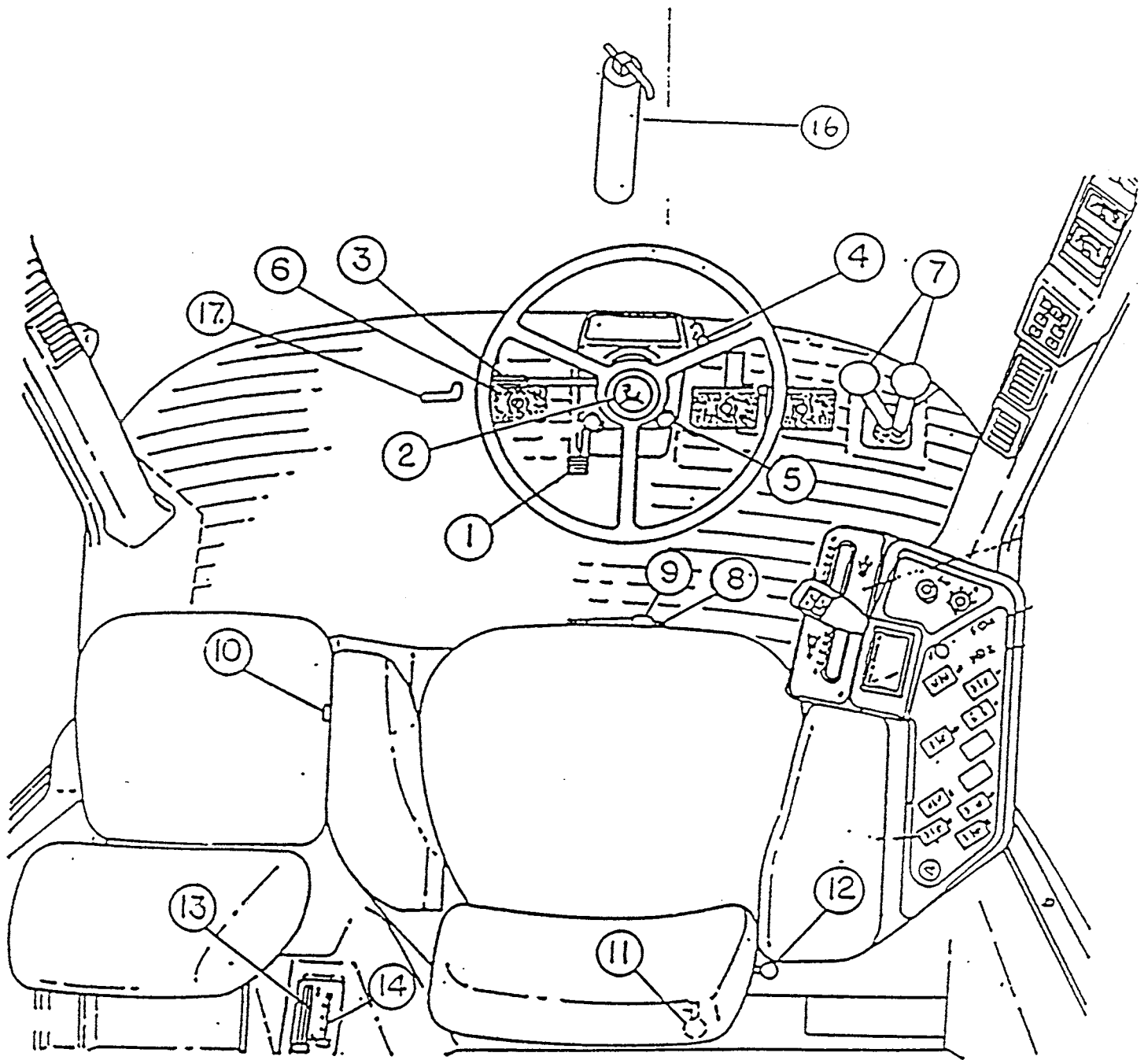
ALWAYS ENGAGE the PARKING BRAKE before leaving the cab. Due to the nature of hydrostatic drive, leaving the transmission in gear will not prevent the harvester from rolling off the parked position.



CAUTION

MOVE hydrostatic ground drive lever to **NEUTRAL** before applying **BRAKES**.

Cab Controls



Cab Controls

7. Gear Shift Levers

Select the gear and range that allows the hydrostatic ground drive lever to operate at 3/4 to fully stroked for efficient operation.

<u>Gear Selection</u>	<u>MPH</u>	<u>KMH</u>
Low/One	0-3	0-4.8
Low/Two	0-4.5	0-7.2
High/One	0-7	0-11.2
High/Two	0-18	0-28.8



DANGER

For safe road operation, **NEVER** attempt to **OPERATE** the harvester at road speeds with any **LOAD** in the **DUMP BOX**.



CAUTION

SAFETY SEAT SWITCH, if you leave the operator seat the **HEADER** will turn off. To engage, sit down, turn header off and then back on.

8. Seat Height

Pull lever up to raise or lower seat. Release lever to lock seat in desired position.

9. Seat Forward/Backward

Push lever to the left to move seat forward or backward. Release lever to lock seat in desired position.

10. Arm Rest

Depress button to raise or lower arm rest.

11. Lower Back Support

Slide knob to adjust lower back support.

12. Seat Back Angle

Slide knob to adjust lower back angle.

13. Cab Blower Fan

The lever allows the operator to select low, medium, or high fan speed for cooling the cab.

14. A/C Temperature Control

The lever turns on the a/c system, continued motion decreases the temperature of the forced air.

15. Blank

This is not used.

16. Fire Extinguisher

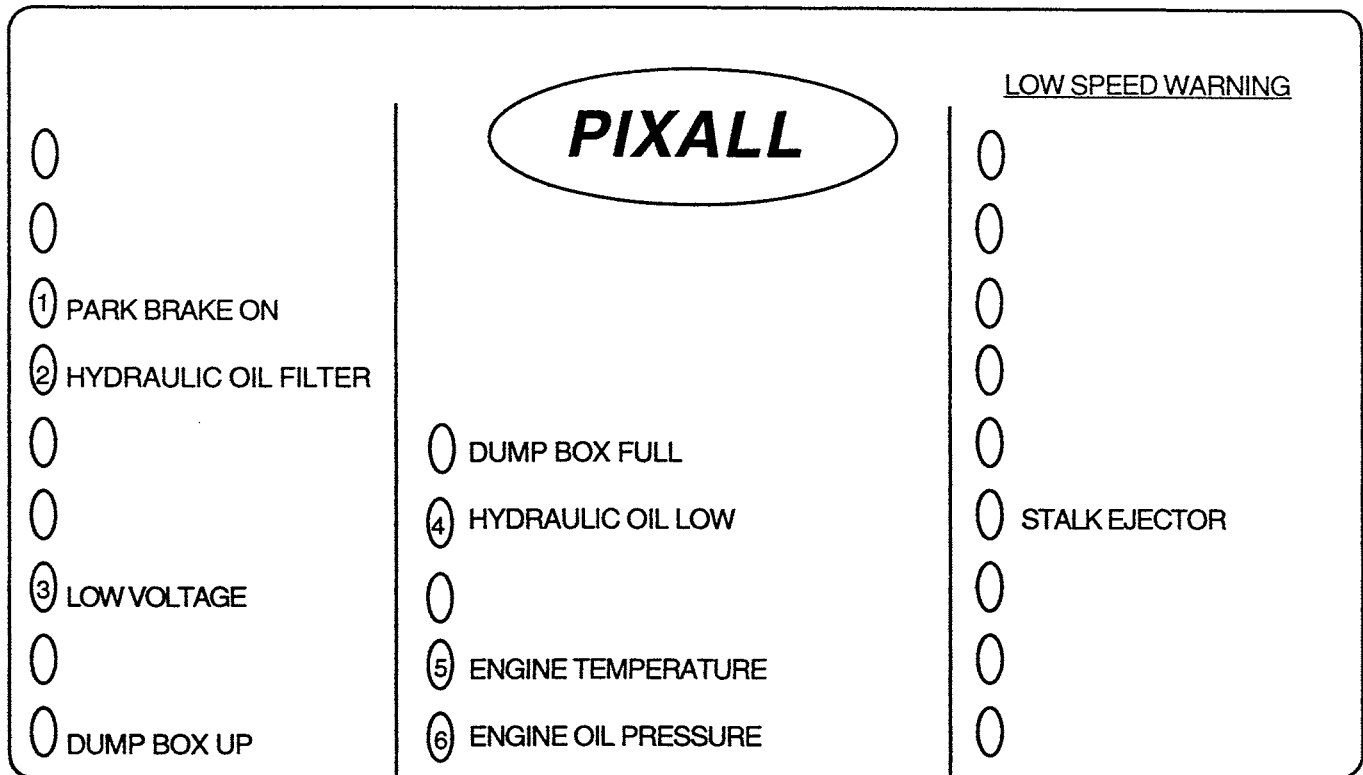
In case of emergency, a fire extinguisher is located on the steering column.

17. Parking Brake Release

Step on lever to release parking brake.

Cab Controls

WARNING DISPLAY PANEL



1. Parking Brake

Is on the light that will turn on and sound the buzzer.

2. Hydraulic Oil Filter

When filter warning light stays on continuously, the hydraulic system filter is nearly plugged and is in need of replacement.

3. Low Voltage

The light will turn on when the voltage drops.

4. Hydraulic Oil Low

When the oil in the hydraulic tank gets low, this will turn on and sound the horn.

5. Engine Temperature

If the red light turns on and buzzer sounds, stop engine and check the problem immediately.

6. Engine Oil Pressure

If the warning starts while the machine is running, stop the engine immediately and inspect the engine oil level.

If the engine is not running and the key is in the run position, the buzzer will sound because there is no oil pressure.

Operation

FIELD OPERATION

This section describes average settings for harvesting beans in normal conditions. Because conditions are seldom normal, these settings should be used as a guideline for optimum performance.



DANGER

Make sure the area under the Corn Head is clear before turning ON the power to the engine. An **IMMEDIATE HAZARD** exists which **WILL** result in a high probability of **DEATH** or **SEVERE PERSONAL INJURY** if the warning is ignored and proper safety precautions are not taken.



WARNING

NEVER leave the harvester cab while the harvester is in operation. The harvester is equipped with an automatic shut down device that will shut down the corn head, conveyors, and fans if the operator leaves the seat. **DEATH, SEVERE PERSONAL INJURY, or substantial PROPERTY DAMAGE CAN** occur.



WARNING

Make sure that everyone is clear of the harvester and the Corn Head, and that the operator understands and is familiar with all controls before attempting field operations. **DEATH, SEVERE PERSONAL INJURY, or significant PROPERTY DAMAGE CAN** occur.



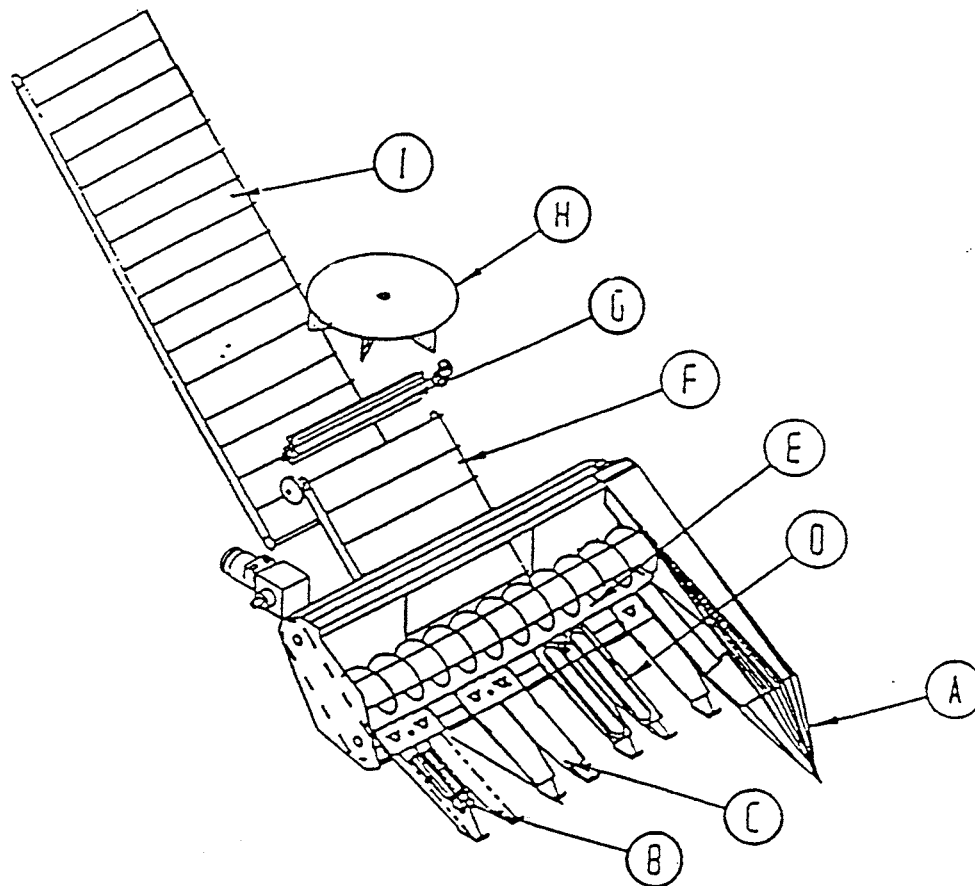
WARNING

The harvester is equipped with a back-up alarm. The alarm will sound any time the hydrostatic ground drive lever is in the reverse gear. If the back-up alarm does not sound, repair it immediately. **DEATH or SEVERE PERSONAL INJURY CAN** occur if the alarm does not sound.

Operation

HOW THE CORNSTALKER DB18 WORKS

1. Gatherer point (A) moves forward between corn rows.
2. Ten blade knife rolls (B), positioned opposite each other, grab the corn stalks and pull them toward and through the stop plate (C).
3. The ears of corn are stripped from the stalk as they come in contact with stop plates.
4. Stalks pass through the stop plates and knife rolls (B) which eject them back onto the ground.
5. Rubber gathering belts (D) convey ears into auger trough.
6. The auger moves the ears to the feeder house conveyor belt (F).
7. Any stalks are pulled off conveyor belt (F) and fed into stalk ejectors.
8. The fan (H) cleans the product during its freefall between the feeder house and elevator belts.
9. Product is conveyed up elevator (I) and deposited in dump box.



Operation



DANGER

To avoid **PERSONAL INJURY**, become familiar with all the **HARVESTER CONTROLS** and instruments before operating the engine.

IMPORTANT: *To extend engine life, always follow the recommended engine starting and stopping procedures. Consult the engine operator's manual supplied with the harvester.*

ENGINE STARTING PROCEDURE

1. Be sure the harvester is in a well ventilated area. If it is in a closed area, make provisions to vent exhaust to the outside.



WARNING

DO NOT start engine unless it is safe to do so. Be sure everyone is clear of the harvester before starting the engine.

2. Be sure the parking brake is engaged.
3. Be sure that all harvester functions are turned off or set in neutral.

NOTE: *The engine will not start unless the ground drive lever is set in the neutral position and the header, conveyor, and fan switches are off.*

4. Sound horn to alert others that you are ready to start the engine.
5. Turn key to the start position and crank engine. Do not crank engine for more than 20 seconds. Wait 2 minutes before trying again.


NOTE: *If engine has not been started for several weeks, disconnect the fuel shutoff wire (red no. 7 at injection pump) and crank engine until the oil pressure comes up. Crank 20 seconds each time, then wait to two minutes.*

6. When engine starts, release the key and move throttle to 1200 RPM idle until oil pressure comes up.
7. For turbo charger lubrication, run engine at low idle for 3-5 minutes before applying load to the engine.
8. Operate engine at 2000 RPM for field use. For road use, operate engine at 2000-2200 RPM.

Operation

ENGINE STARTING AIDS

Use starting aids when the temperature is below 32 degrees Fahrenheit (0 degrees Celsius).


 DANGER
Starting fluid is EXTREMELY FLAMMABLE . KEEP FLUID AWAY from sparks or open flames.

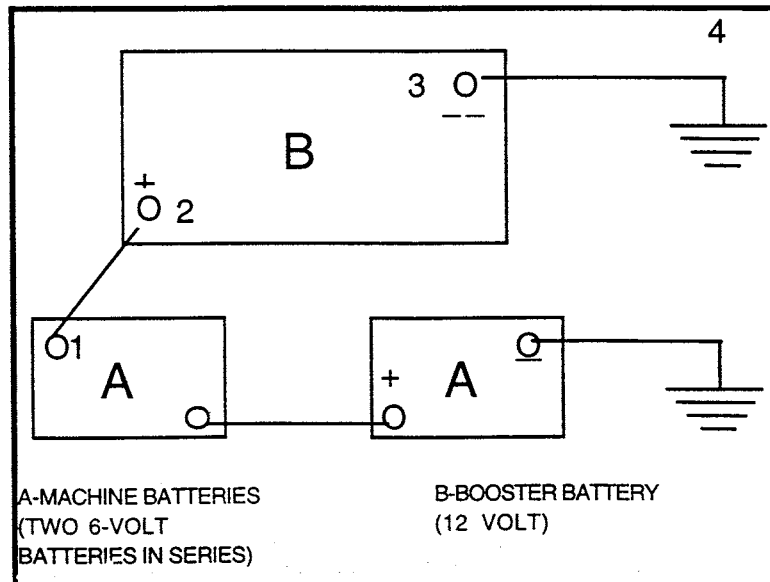
Crank engine several revolutions, then inject starting fluid into the air intake system while engine is cranking.

IMPORTANT: *To avoid engine damage, inject fluid only when engine is cold and cranking. Do not inject fluid for more than one or two seconds at a time. Stop injecting fluid after engine starts and runs smoothly.*

BOOSTER BATTERIES

Figure 1 illustrates the proper order for connecting booster batteries to the 12-volt system of the harvester. Make the last connection (#4) to the frame away from the batteries.

 DANGER
Batteries emit highly explosive hydrogen gas. To PREVENT EXPLOSIONS and PERSONAL INJURY , always connect the ground cable to the frame away from the batteries. This must be the FINAL STEP when connecting booster batteries.



Operation

ROAD OPERATION

IMPORTANT: To avoid damage to the header cylinders, do not use the cylinder safety stops during road travel.

NOTE: Check your local laws pertaining to the operation of heavy equipment on roadways before road operation.



CAUTION

Use **WARNING FLASHERS** unless prohibited by law. **DO NOT** use **REAR WORKING LIGHTS** during road operation.



WARNING

To **AVOID EXCESSIVE REVERSE SPEEDS**, do not use road gears for reverse.

1. Be sure you are familiar with articulated steering before attempting any unfamiliar procedures.
2. High range and 2nd gear will allow the harvester to travel at speeds up to 18 MPH.
3. Engine speed should be set at 1000-1200 rpm.
4. Move ground drive lever forward in a smooth deliberate manner until fully stroked.

IMPORTANT: If engine speed begins to drop quickly while climbing a hill, pull back on the ground drive lever until engine speed resumes. If this does not keep the engine from "lugging", stop and shift to a lower gear.



WARNING

NEVER allow **PASSENGERS** to ride on the harvester. **DO NOT** attempt **HIGH SPEED TURNS**.

5. To stop, pull back on the ground drive lever and apply brake.

IMPORTANT: Use turn signals if not prohibited by law.



WARNING

For safe road travel, **NEVER** operate at road speed with any **LOAD** in the **DUMP BOX**.

Operation

FIELD OPERATION

This section will describe average settings for harvesting seed corn in normal conditions. However, conditions are very seldom normal. Therefore, these settings should be used as a guideline on the way to optimum performance.



CAUTION

Be sure that everyone is **CLEAR** of the harvester and you are familiar with **ALL CONTROLS** before attempted field operations.

1. Sound the horn and wait 10 seconds before starting the engine. This will notify others that the harvester will be operating.
2. Bring engine rpm up to 1200. Press the lower left hand pad on the tach for engine rpm.
3. Shift transmission into low range, first or second gear.
4. Turn on conveyor switch. This will engage the feeder house and elevator. Always turn the conveyors on and off at low engine rpm, this will reduce unnecessary stress on the chain drive system.
5. Now bring engine rpm up to 2000 rpm. This is the normal rpm that is used for field harvesting. The conveyor speed is regulated by the engine rpm.



WARNING

Be sure **EVERYONE** is **CLEAR** of the **FAN DISCHARGE AREA**. Trash is thrown from fans at high speed. **ALWAYS** be aware of your surroundings. Objects thrown from fans may cause serious injury. **LOWER** discharge **HOODS** near roadways, residential areas, etc.

6. Turn on the fan power switch. This will engage the hydraulic pump and bring the fan speed up to the fan speed switch settings.
Now adjust the fan speed to 950 rpm by using the fan speed switch. Press the lower right hand pad on the tach for fan rpm.
This will be the starting point. If there is too much trash, bring the fan speed up in 10 rpm increments until you are satisfied with the cleaning.

Operation

FIELD OPERATION (CONTINUED)

7. Turn the header power switch on. This will engage the hydraulic pump and bring the header speed up to the header speed switch setting. A balance of ground speed and header speed must be maintained for peak efficiency while harvester.

A chart is provided below with approximate ground and header speeds. This should be used as a guideline to start harvesting because of variations in field conditions.

Match the Ground Speed and the Corn Head Drive Speed as follows:

<u>GROUND SPEED</u>	<u>HEADER HOUSE (Approx)</u>
1.5 MPH (2.4 KMH)	250 RPM
2.0 MPH (3.2 KMH)	333 RPM
2.5 MPH (4.0 KMH)	416 RPM
3.0 MPH (4.8 KMH)	500 RPM
4.0 MPH (6.4 KMH)	666 RPM
5.0 MPH (8.1 KMH)	833 RPM
6.0 MPH (9.7 KMH)	1000 RPM

8. Start with the discharge hoods fully open when it is safe to do so . This is done with the discharge hood switch. Optimum cleaning efficiency will be achieved with the discharge hoods fully open.
9. Adjust elevator belt speed with the elevator belt speed switch. Varying the elevator speed allows you to evenly distribute the product in the hopper.
10. Adjust stop plate to match ear size. The adjustable stop plate indicator can be used as a reference point.
11. Start to drive into the row, push the ground drive lever forward until you reach the appropriate speed. Press the upper left hand pad on the tach for ground speed MPH. The ground speed should match the header rpm. Take the ground speed up until you start to push the corn stalks ahead, then reduce the ground speed $\frac{1}{10}$ of a MPH. This will be the proper ground speed for the header rpm.
12. After traveling 100 feet into a new field you may want to stop and check the harvester's performance and readjust the header rpm, fan rpm, adjustable stop plate setting and/or ground speed.
13. At the end of the row, switch off the header and raise header manually with the header raise switch. Make a smooth turn and re-enter the field.
14. This harvester is equipped with a variable height dump box. This means it can dump at the lowest position, the highest position, or any position in between.
Adjust the height of the dump box to match the height of the object receiving the product. To do this simply push the dump box height switch until the desired height is reached. Now you are ready to dump the product. Push the dump box unloading switch, this will tilt the dump box causing the product to slide from the hopper.

Operation

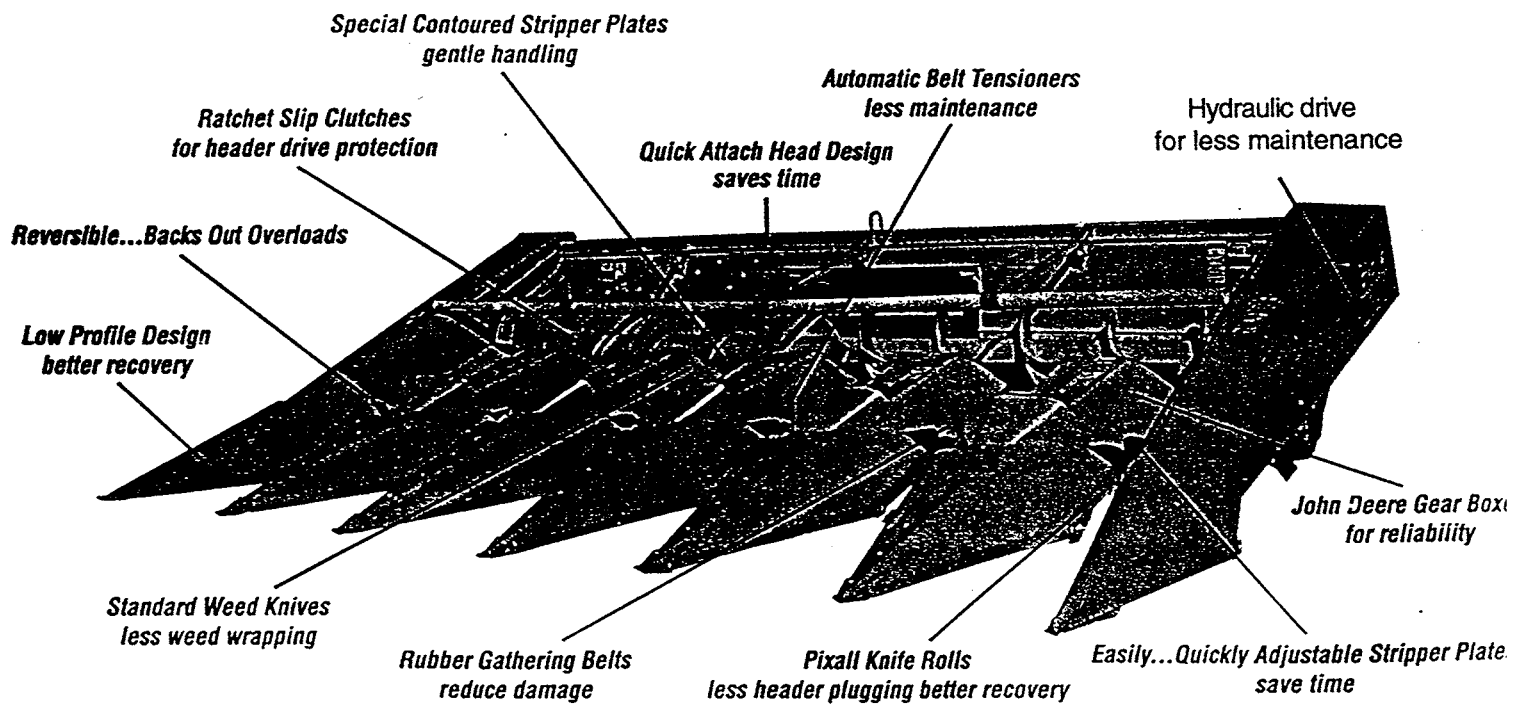
OPERATOR TIPS

1. Always **start the corn head** at a **low harvester rpm**. This helps **reduce stress** on the components of the corn head.
2. Reduce the **engine rpm before disengaging** the Corn Head to stop operation.
3. **Before turning** the harvester, **raise the Corn Head**.
4. To reduce damage to the product, **operate** the Corn Head **with a consistent corn head speed** and the **correct forward ground speed** during field operation.
5. Watch the condition of the product while harvesting. To obtain the best product condition, **maintain the adjustments** for the, stop plates, picking height, corn head speed, fan speed, engine rpm, and forward ground speed **during harvesting**.
6. **Watch** the debris **content** while harvesting. Operating the harvester **too fast may increase product loss**.
7. During operation, **listen for unusual noises** from the harvester and the Corn Head.
8. Make major **adjustments** or scheduled **maintenance prior to harvesting** runs.
9. Make sure the harvester is **properly lubricated**.
10. **Watch** for any **inconsistencies** (vibrations, etc.) in the harvester or the Corn Head.
11. **Keep** the belt scrapers **clean and free of debris build-up** to prevent damage.
12. **Operate** the harvester **with smooth action**- - prevent jerks.
13. Traveling **too fast** may cause **excessive** product damage.
14. Traveling **too fast** may **overload** the **cleaning system** and leave debris in the product.
15. A minimum of **eight end rows** is **recommended for turning** the harvester at the end of the field.
16. **Crops planted on side hills** are more **difficult** to harvest. Avoid harvester operations on side hills.
17. **Long straight rows** are **preferred**. Rows with sharp curves are more difficult to harvest.
18. **Fields** should be **free of rocks** and **weeds**.
19. **When cultivating**, it is important to **keep the ground as flat** as possible. The least amount of hilling to the corn plants, the better the crop recovery.

Operation

CORN HEAD

Please refer to the Pixall Corn Head Operator's and Parts Manual for operation and adjustment.



Operation

ATTACHING THE CORN HEAD

Be sure that both the Corn Head and the power unit are on level ground.

1. Start the harvester engine and move it to level ground.
2. Lower the intake to the bottom position using the header switch.

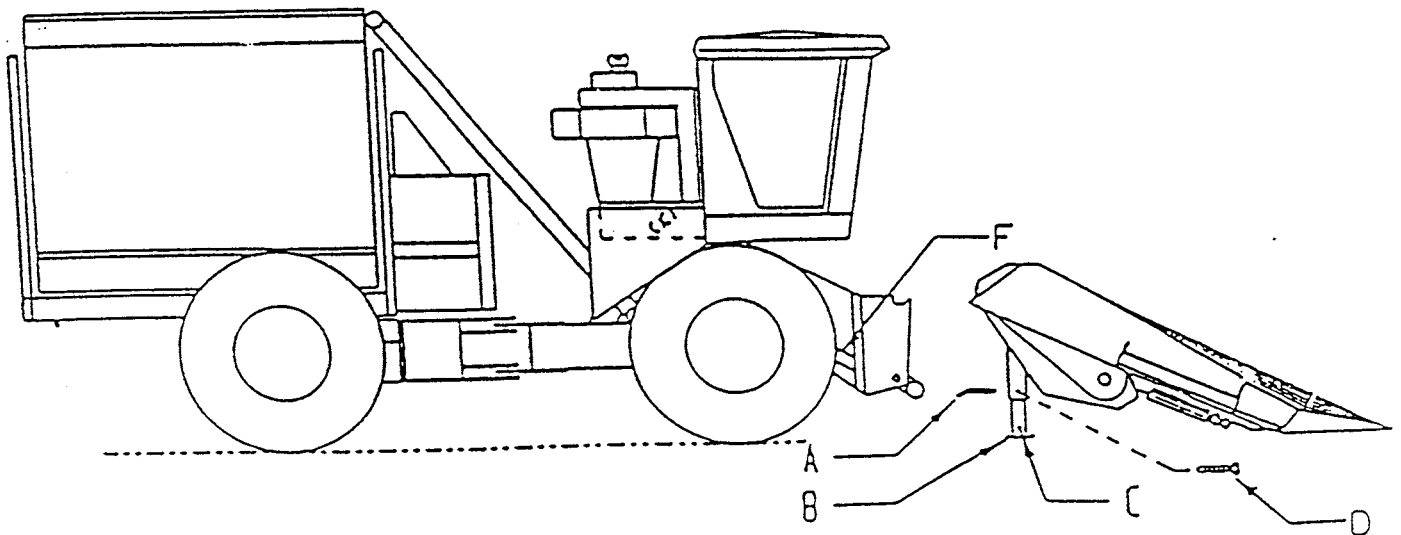
NOTE: *The intake will respond slowly without the weight of the Corn Head.*

IMPORTANT: *To avoid the possibility of striking the ground and damaging the feeder house, do not lower the feeder house before moving the power unit up to the Corn Head.*

3. Drive the harvester squarely into the Corn Head.
4. Raise the feeder house with the header switch. This action will raise the Corn Head off the ground.

IMPORTANT: *Be sure the top Corn Head frame is flush with the top of the feeder house. If not, repeat steps 3 and 4 above.*

5. After the Corn Head is properly mounted, turn off the power unit engine and lower the Corn Head cylinder safety stops (F).
6. Remove the rear jack stand pin (A) from hole.
7. Slide the jack stand (B) up until the hole aligns.
8. Replace pin that held the jackstand. This secures the Corn Head to the harvester chassis.
9. Repeat steps 6, 7, and 8 above for the opposite jack stand.
10. Connect the hydraulic couplers after stopping the engine and allow a few minutes for the hydraulic pressure to relieve itself.
11. Connect the electrical plug. The plug needs to be properly indexed and the collar turned clockwise to lock.



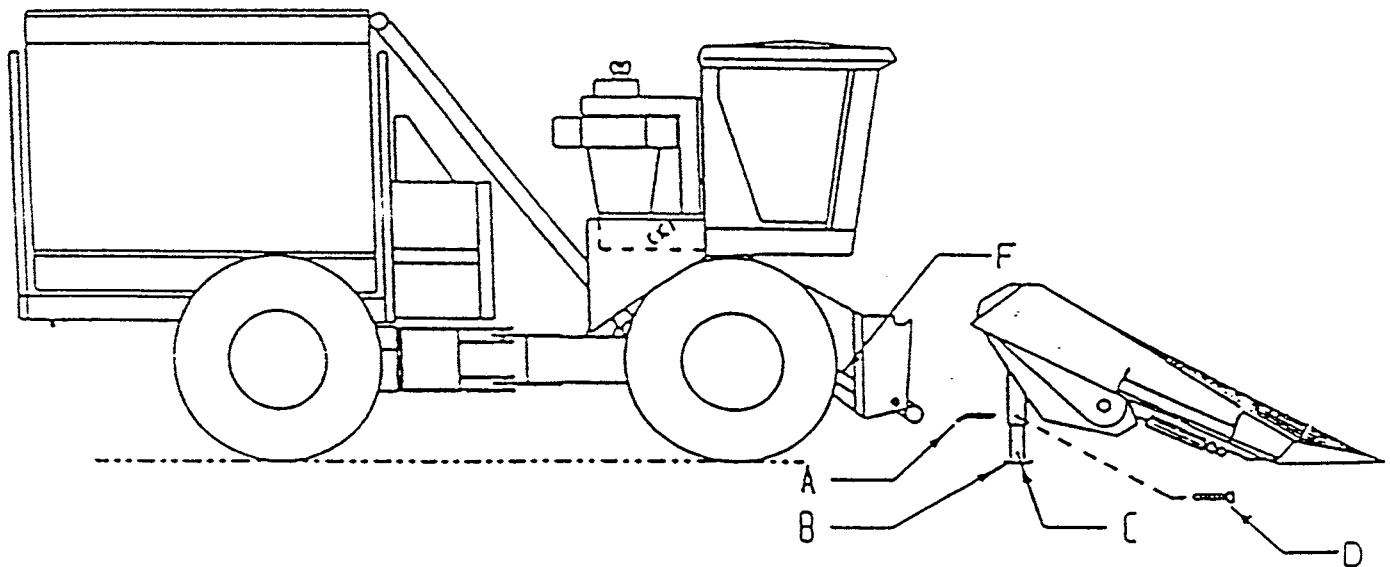
Operation

DETACHING THE CORN HEAD

1. Start the power unit engine.
2. Raise the Corn Head to its highest position, lower cylinder safety stops (F).
3. Turn off the power unit engine.
4. Disconnect the electrical plug by rotating the collar counterclockwise.
5. Disconnect the hydraulic lines and reconnect them back to the chassis and the head. Each should maintain a closed loop when the head and the chassis are separated.

IMPORTANT: Failure to maintain a closed loop on the corn head or chassis can cause pump damage and dirt ingestion.

6. Remove pins (A) and lower the jack stands (B).
7. Replace pins and hair pin cotters (C).
8. Raise the cylinder safety stops (F).
9. Start engine and lower the feeder house.
10. Back away from the Corn Head SLOWLY.



Adjustments

INTAKE BELT

The belt should not run any tighter than necessary to prevent undue stress to the belt lacing, roller, and bearings.



DANGER

To avoid personal injury. NEVER attempt to unplug or adjust any conveyors while the engine is running. An **IMMEDIATE HAZARD** exists which **WILL** result in a high probability of **DEATH** or **SEVERE PERSONAL INJURY** if the warning is ignored and proper safety precautions are not taken.



WARNING

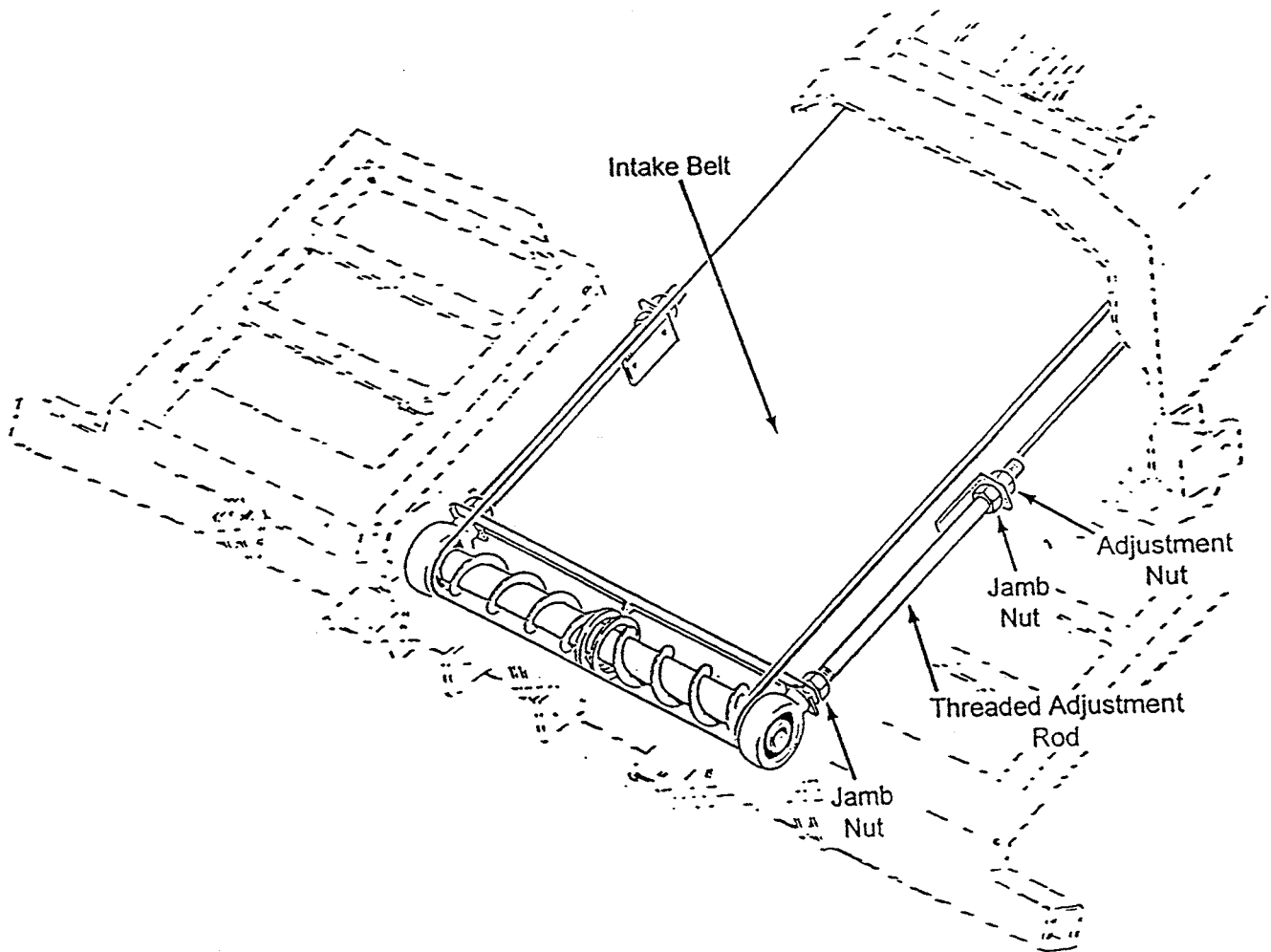
Make sure all drives are in **NEUTRAL**, the engine is shut **OFF** and the lock-out switch is in the **LOCK-OUT** position before making any adjustments. Death or severe personal injury **CAN** occur.

Adjustments

INTAKE CONVEYOR BELT

The intake belt adjustment is located on each side of the intake assembly, attached to the idler roller assembly. To adjust the intake belt perform the following procedures:

1. Loosen the jam nuts.
2. Turn the lower adjusting nut clockwise to tighten.
3. Retighten the jam nuts.
4. Repeat for the opposite side of the roller.
5. Make sure to adjust both sides equally.
6. Do not overtighten.



Intake Belt Adjustment

Adjustments

PRODUCT ELEVATOR BELT

The product elevator belt should not be run any tighter than is necessary to prevent undue stress to the belt lacing, rollers, and bearings.

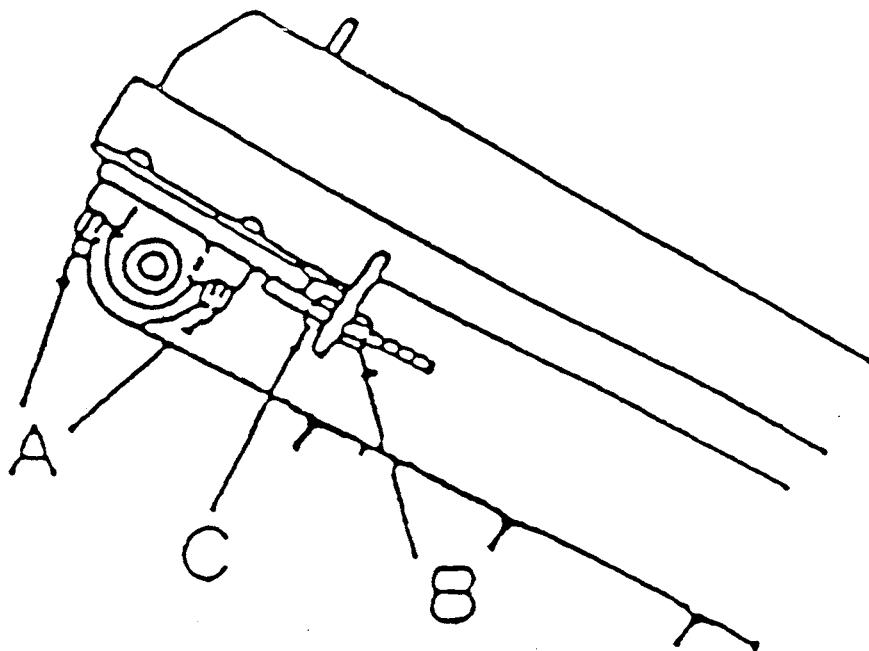


WARNING

To **AVOID PERSONAL INJURY**, never attempt to **UNPLUG** any conveyor while **ENGINE** is **RUNNING**.

Adjust product elevator belt as follows:

1. Loosen bearing bolts.
2. Loosen jam nut on the adjusting bolt.
3. Turn adjusting nut to tighten belt.
4. Tighten the belt until it just starts to rotate, turn the adjusting nut two more turns.
5. Retighten jam nut and bearing bolt.
6. Repeat for opposite side of roller.
7. Be sure to adjust both sides equally.

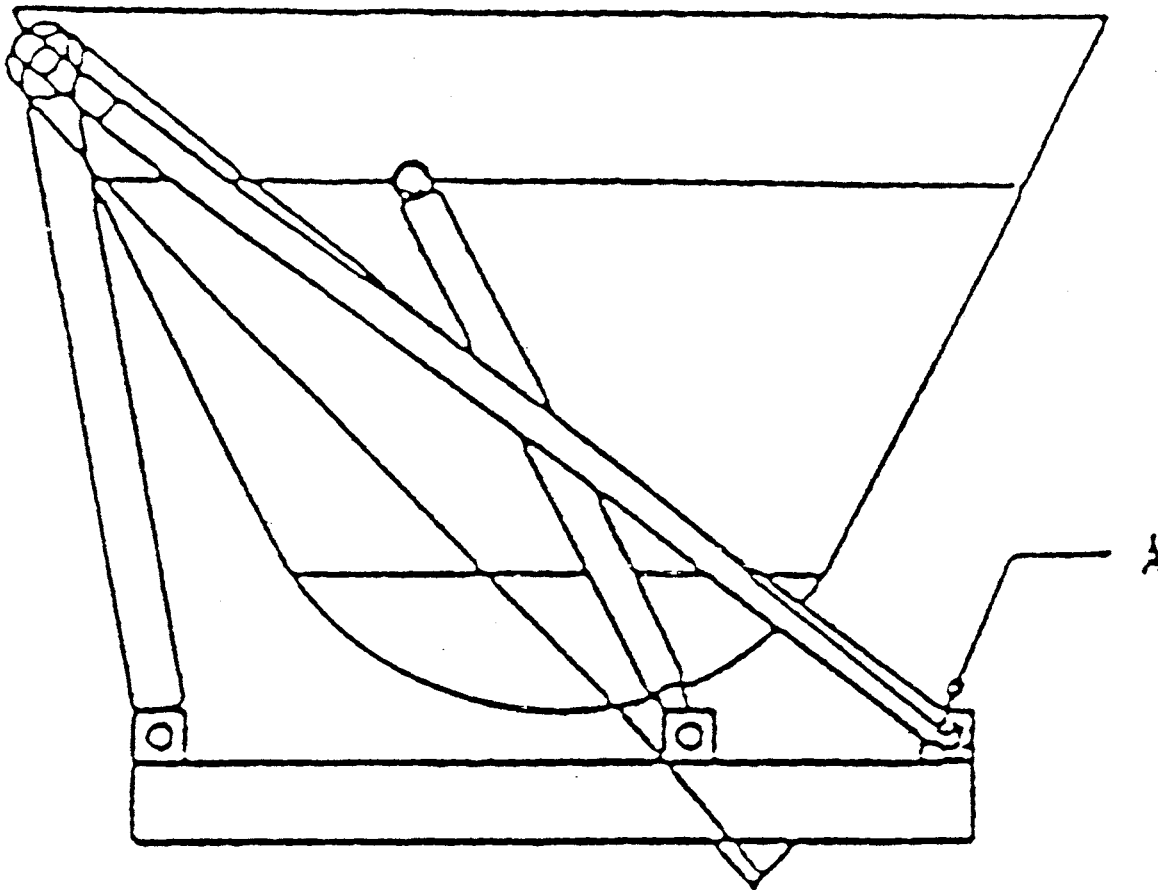


Adjustments

ELEVATOR PULL CABLE

Adjust the elevator pull cable using the adjusting nut. Tighten just enough to remove any slack.

IMPORTANT: *The elevator pull cable should not carry the weight of the elevator.*



Adjustments

ELEVATOR DRIVE CHAIN



WARNING

NEVER make any **ADJUSTMENTS** while harvester is running. **ALWAYS** shut harvester **OFF**, set parking brake and remove key prior to making any adjustments.

Loosen elevator motor bolts (A).

Loosen locknut (C).

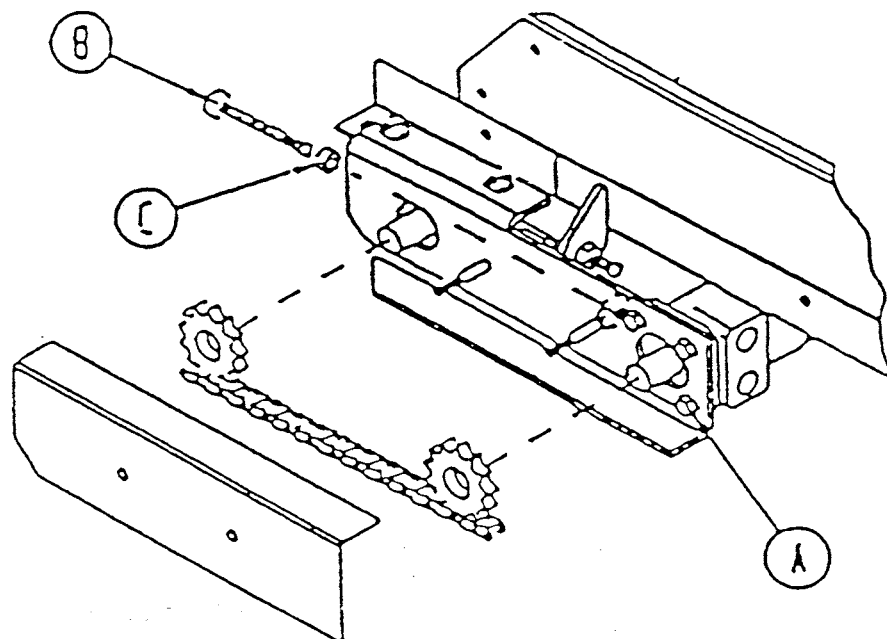
Adjust bolt (B) until proper tension is achieved.

Tighten locknut (C).



WARNING

To **AVOID PERSONAL INJURY**, be sure all drives are in **NEUTRAL** and engine is **SHUT OFF** before making any adjustments.



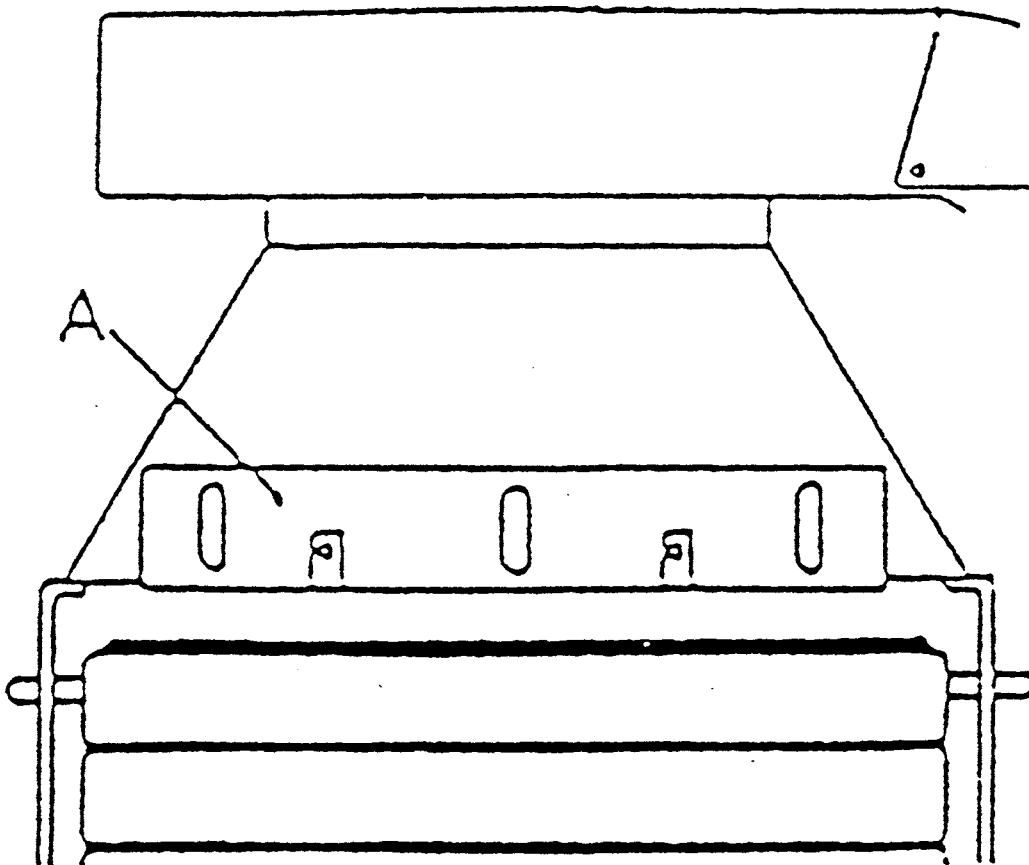
Adjustments

SUCTION FANS AIR GATE

Suction fans air gate is located on the front fan duct.

An adjustable air gate located on the rear of the front fan duct provides adjustment of the air volume through the first stage cleaning system.

To increase the volume of air through the product in the first stage, move the gate to a lower position. To decrease the volume of air through the product in the first stage, move the gate to an upper position. Start with the gate in the middle position.



Specifications

PIXALL® HARDWARE TORQUE STANDARDS

BOLT SIZE/ THREAD	GRADE 5 (3 STAR)		GRADE 8 (6 STAR)	
	Ft. Lbs. (Nominal)	N-m (Nominal)	Ft. Lbs. (Nominal)	N-m (Nominal)
1/4 - 20	7	9	10	14
1/4 - 28	9	12	11	15
5/16 - 18	14	19	19	26
5/16 - 24	15	20	20	27
3/8 - 16	24	33	35	47
3/8 - 24	28	38	38	51
7/16 - 14	39	53	56	76
7/16 - 20	43	58	64	87
1/2 - 13	59	80	83	113
1/2 - 20	71	96	91	123
9/16 - 12	83	113	118	160
9/16 - 18	91	123	133	180
5/8 - 11	114	155	163	221
5/8 - 18	136	184	179	243
3/4 - 10	208	282	292	396
3/4 - 16	240	325	322	437
7/8 - 9	305	414	468	635
7/8 - 14	337	457	513	696
1 - 8	500	678	705	956
1 - 12	552	748	782	1060
1 1/8 - 7	603	818	964	1307
1 1/8 - 12	663	899	1084	1470
1 1/4 - 7	843	1143	1371	1859
1 1/4 - 12	943	1279	1507	2043

Specifications

HARVESTER SPECIFICATIONS

ENGINE

Model	Cornstalker DB18 John Deere 6.081T turbo-charged intercooled 6 cylinder water cooled diesel
Horsepower	250 @ 2200 rpm
Displacement	497 cu. in. (8.1 liter)
Air Cleaner	Dual stage paper with exhaust aspirated pre-cleaning
Radiator	Rotating radiator screen (seed corn appl. only)

CHASSIS

Ground Drive	Four range hydrostatic drive with internal pressure override. Mechanical axles with full-time four-wheel drive.
Speeds	0-18 MPH (28 KMPH)
Tires	24.5 x 32 12-ply, front and rear
Steering	40 degree articulated with power steering
Brakes	Dual master cylinder with hydraulic disc brakes to both front and rear axles.
Park Brake	Mechanical

CAB

Mounting	Rubber vibration isolated
Insulation	Acoustic for sound reduction
Seating	Fully adjustable air ride seat with buddy seat
Temperature Control	Heater and air conditioning
Glass	One piece tinted windshield with panoramic windshield wiper
Steering Column	Tilt wheel with telescopic feature
Digital Display	Speedometer, tachometer, header and fan speeds
Lighting	Dome and instrument lights
Mirrors	Dual side mounted
Radio	AM/FM cassette stereo
Safety	Automatic header shutdown on seat

CONVEYOR SYSTEM

Feeder House	54 in. (137 cm) wide rubber belt
Conveyor	Rubber intake conveyor and middle elevator belts
Conveyor Rollers	Self-cleaning auger type
Elevator Drive	Variable speed

CLEANING SYSTEM

Stages	Single, 40 in. (102 cm) diameter
Fan Drive	Single hydraulic motor
Fan Blades	Steel flat blades
Stalk Ejector	Single stage
Discharge Hoods	Remote adjustable from cab, right discharge
Fan Speed	Variable, controlled from cab with tachometer readout

HOPPER

Dump	Variable height
Length	10 feet (3.04 m)
Capacity-Volume	518 cu. ft. (14.66 cu. m)
Capacity-Weight	12,950 lbs. (5,850 kg)

Specifications

HARVESTER SPECIFICATIONS

HYDRAULIC SYSTEM

Pumps	Six hydraulic pumps driven by a quad gear unit coupled directly to the engine
Motors	Total of six hydraulic motors drive the fan, head, intake/output conveyors, and ground drive
Cooling	Oil cooler ahead of engine radiator
Controls	Electric solenoid operated valves
Header Drive	Dual reversible motors

ELECTRICAL SYSTEM

System	12 volt with dual 6 volt batteries
Charging	140 amp alternator
Safety Lockout	Remote battery lockout switch
Headlights	Six sealed beam
Working Lights	Four in front, five in rear; all sealed beam
Safety Lighting	Amber flashing--2 front, 2 side, 2 rear; Reverse lights--2 in rear with alarm; Tail stop lights--2 rear

CAPACITIES

Fuel	200 gallons (757 liters)
Cooling System	10.5 gallons (40 liters)
Crankcase	8.5 gallons (32 liters)
Hydraulic Reservoir	45 gallons (170 liters)
Total Hydraulic System	55 gallons (208 liters)

DIMENSIONS

Height	13 ft. 8 in. (4.2 m)
Length-Chassis only	27 ft. 4 in. (8.3 m)
Length-with Head	35 ft. 4 in. (10.8 m)
Width-Chassis only	10 ft. 4 in. (3.1 m)
Track	8 ft. 1 in. (2.5 m)
Wheelbase	13 ft. 4 in. (4.1 m)
Weight-Chassis only	25,900 lbs. (11,746 kg.)
Inside Turn Radius	13 ft. 4 in. (4.1 m)
Dump Height to Box Lip	From 9 ft. 10 in. (3.0 m) to 13 ft. 4 in. (4.1 m)
Dump Angle	45 degrees
Dump Reach	2 ft. 7 in. (78 cm)

HEAD OPTIONS

Rows	4,6, and 7 Consult factory for details or other needs
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OTHER OPTIONS

Extended axles
18.4 x 38 radial tires

Specifications

LUBRICATION SPECIFICATIONS

APPLICATION

Engine Oil

Engine Coolant

Engine Fuel

Splined Shaft Lubricant

Axle Additive

Grease Fitting

Air Conditioning

Gear Box Lubricant

SPECIFICATIONS

Please refer to the engine operator's manual for engine oil specifications.

The harvester is shipped with Ethylene Glycol anti-freeze coolant in the engine cooling system. It is recommended that a 40-60% anti-freeze and distilled or deionized water solution be maintained in the cooling system. The anti-freeze must be Ethylene Glycol type, contain not more than 0% anhydrous metasilicate.

The quality of fuel used is an important factor for dependable performance and satisfactory engine life. Fill the fuel tank at the end of the day's operation. This helps reduce condensation inside the fuel tank as the air inside the fuel tank cools.

It is recommended to establish an annual inspection program of the hydraulic motors, pumps and gear box drive splines. Annual lubrication of all drive splines is very important under existing operating conditions to prevent fretting and extend their life. This product was selected for its superior product properties and tested performance. Pixall part number 5500-0221 which is one chalking tube of spline shaft lubricant.

When replacing the axle lubricant it is also necessary to add one pint of a limited slip additive to prevent the limited slip differential clutch packs from chattering. Pixall part number 5500-0515 which is one pint of limited slip additive.

The recommended grease should be a lithium complex thickened grease, must meet NLGI #2 and classification of GC/LB.

Refrigerant HFC-R134A freon, Mobil EA1 arctic 32 compressor refrigerant oil.

Multi-grade lubricant 80W90 with a service level API GL5 and approved as meeting US MIL L 2105 C specifications.

Specifications

HYDRAULIC SYSTEM

INTRODUCTION

The ability of Eaton hydraulic components to provide the desired performance and life expectancy depends largely on the fluid used. One of the most important characteristics to consider when choosing a fluid to be used in a hydraulic system is viscosity. Viscosity choice is always a compromise; the fluid must be thin enough to flow easily, but thick enough to seal and maintain a lubricating film between bearing and sealing surfaces.

VISCOSITY AND TEMPERATURE

Fluid temperature affects viscosity. In general, as the fluid warms it gets thinner and its viscosity decreases. The opposite is true when fluid cools. When choosing a fluid, it is important to consider the start-up and operating temperatures of the hydraulic system. Generally, the fluid is thick when the hydraulic system is started. With movement, the fluid warms to a point where a cooling system begins to operate. From then on, the fluid is maintained at the temperature for which the hydraulic system was designed. In actual applications this sequence varies; hydraulic systems are used in many environments from very cold to very hot. Cooling systems also vary from very elaborate to very simple, so ambient temperature may affect operating temperature.

CLEANLINESS

Cleanliness of the fluid in a hydraulic system is extremely important. Eaton recommends that the fluid used in the hydraulic components be maintained at ISO cleanliness code 18/13 per SAE J1165. This code allows a maximum of 2500 particles per milliliter greater than 5 um and a maximum of 80 particles per milliliter greater than 15 um.

FLUID MAINTENANCE

Maintaining correct fluid viscosity and cleanliness level is essential for all hydraulic systems. It is recommended to test the hydraulic oil every year for correct viscosity and cleanliness.

FLUID SELECTION

Premium grade petroleum based hydraulic fluids will provide the best performance in Eaton hydraulic components. These fluids typically contain additives that are beneficial to hydraulic systems. Eaton recommends fluids that contain anti-wear agents, rust inhibitors, anti-foaming agents, and oxidation inhibitors. Premium grade petroleum based hydraulic fluids carry an ISO VG rating. When choosing a hydraulic fluid, all the components in the system must be considered and the optimum viscosity range adjusted accordingly.

VISCOSITY REQUIREMENTS

Component	Minimum	Optimum Range	Maximum	ISO Cleanliness
Heavy duty pumps/motors	60 SUS (10 cST)	80-180 SUS (16-39 cST)	10,000 SUS (2158 cST)	18/13
Medium ducty pumps/motors	45 SUS (6 cST)	60-180 SUS (10-39 cST)	10,000 SUS (2158 cST)	18/13
Char-Lynn J, R, & S Series motors	70 SUS (13 cST)	100-200 SUS (20-43 cST)	10,000 SUS (2158 cST)	18/13
Char-Lynn A & H Series motors	100 SUS (20 cST)	100-200 SUS (20-43 cST)	10,000 SUS (2158 cST)	18/13
Char-Lynn Steering Control units	55 SUS (9 cST)	100-200 SUS (20-43 cST)	8,000 SUS (1900 cST)	18/13
Gear Pumps and motors/cylinders	45 SUS (6 cST)	60-200 SUS (10-43 cST)	10,000 SUS (2158 cST)	18/13

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Maintenance

PREVENTATIVE MAINTENANCE



DANGER

NEVER attempt to service, lubricate, adjust, or perform any maintenance on the harvester or head while the engine is running. Disengage the head and shut off the engine. An **IMMEDIATE HAZARD** exists which **WILL** result in a high probability of **DEATH** or **SEVERE PERSONAL INJURY** if the warning is ignored and proper safety precautions are not taken.



WARNING

Observe safety precautions before performing any adjustments or maintenance. **DEATH** or **SEVERE PERSONAL INJURY CAN** occur.

The maintenance items in this section are listed by hourly, monthly, or yearly intervals and are to be completed at the interval shown. Use the engine hour meter on the harvester tachometer (press the two left-hand touch pad keys simultaneously) as a guide for determining when to perform required maintenance.

IMPORTANT: *Failure to complete the required maintenance at the intervals shown may result in rapid wear and unnecessary downtime.*

The Pixall® CORNSTALKER DB18 will provide years of trouble free service if it is lubricated and maintained properly.

Preventative maintenance can:

- Save on equipment operating costs
- Keep equipment safe
- Reduce tractor horsepower requirements
- Extend equipment life
- Protect investment
- Increase trade-in value
- Reduce failures and downtime during peak harvest hours

Maintenance

ROLLER CHAIN MAINTENANCE

A roller chain drive requires proper and timely maintenance to deliver satisfactory performance and service life. Factory engineering has specified shafts, bearings, and supports, the chain and sprockets, and the lubrication type in accordance with manufacturers recommendations. Now a maintenance program must be established to assure you of the following:

1. The drive is correctly lubricated.
2. Drive interferences are eliminated.
3. Damaged chains or sprockets are replaced.
4. Worn chains or sprockets are replaced.
5. The sprockets are properly aligned.
6. The chain is correctly tensioned.
7. Guards are in good condition and are properly installed.

A roller chain drive should be inspected after the *first* 50 hours of operation. Following than an inspection should be done every 100 hours of operation.

LUBRICATION SYSTEM

For manual lubrication, be sure that the lubrication schedule is being followed. If chain is dirty, clean it with Kerosene or a non-flammable solvent and relubricate it. It is very important to lubricate the pins and bushing surfaces which articulate with each other while the chain is under full load. Lubrication is also required between the rollers and bushing. To reach all of these surfaces, the lubricant is applied to the upper edges of the link plates on the lower strand of the chain shortly before the chain engages a sprocket. For manual lubrication, oil is applied periodically with a brush or spout can, preferably once every 8 hours of operation.

DRIVE INTERFERENCES

Inspect for any evidence of interferences between the drive components and other parts of the equipment. If any is found, correct it immediately. Rubbing between the chain or sprockets and other parts of the machine can cause abnormal wear and damage. Impace between the chain link plates and a rigid object can cause link plate fatigue and chain failure.

DAMAGED CHAIN OR SPROCKETS

Inspect chain for cracked, broken, deformed, or corroded parts and for tight joints or turned pins. If any are found, locate and correct the cause of the damage and replace the entire chain. Inspect sprockets for chipped, broken, or deformed teeth. If any are found, locate and correct the cause of the damage and replace the sprocket. Do not run a new chain on worn out sprockets; tha can cause the chain to fail prematurely.

CHAIN WEAR

In most roller chain drives, the chain is considered worn out when it reaches 3% wear elongation. With 3% wear, the chain does not engage the sprocket properly and can cause sprocket damage or chain breakage.


CHAIN TENSION

Proper chain tension is essential. For a check of chain tension, turn one sprocket to tighten the lower strand of the chain, then measure the sag of the upper strand. This sag, measured at the midway point, should be approximately two to three percent of the length of the tangent to the sprockets.

IMPORTANT: *Remember, when working with roller chain drives, think of SAFETY first! Service only with the engine not running.*

Maintenance

COMPONENT CHECKS

 WARNING
<p>The SAFETY GUARDS and PROTECTIVE SHIELDING may be shown removed in this manual. NEVER OPERATE the harvester with the safety guards or protective shielding removed. Make sure all safety guards and protective shielding are in place and secure before operating your harvester. DEATH or SEVERE PERSONAL INJURY CAN occur.</p>

Check the harvester components according to the schedule below. The frequency given is based on normal operating conditions. Severe conditions may require frequent attention.

COMPONENT	Daily	Weekly	Pre-Season
All bolts (tightness)		X	X
All hydraulic fittings/hoses (condition)		X	X
All drive chains (tension)		X	X
All bearing set screws (tightness)			X
All sprockets (alignment)			X
Grease chassis (lubrication)	X	X	X
Safety shields (proper installation)	X	X	X
Amber flashing road lights (operation)	X	X	X
Brakes (operation)	X	X	X
Engine oil (check)	X	X	X
Hydraulic fluid level (check)	X	X	X
Clean harvester (leaves/trash)	X	X	X
Cab safety switch (check)	X	X	X
Hydraulic system for leaks (check)	X	X	X
Radiator hoses/clamps (condition)			X
Radiator coolant (check level)	X	X	X
Engine oil pressure gauge (operation)	X	X	X
Voltage gauge (operation)	X	X	X
Fuel gauge (operation)	X	X	X
Engine temperature gauge (operation)	X	X	X

Maintenance

COMPONENT CHECKS

COMPONENT	Daily	Weekly	Pre-Season
Tire pressure (check)		X	X
Wheel lug nuts (check)		X	X
Shifting linkage (operation)		X	X
Oil levels (check)	X	X	X
Main frame (check cracks/fatigue)			X
Center section thrust washer (shim)		X	X
Center section pins/bushing (check)		X	X
Center section drive shaft bearing (check)		X	X
Dump box pins (check)	X	X	
Dump box crank shaft (check)		X	X
Dump box push rod (check)	X	X	X
Dump box pivot bearings (check)	X	X	X
Elevator pull cable/pulleys (operation)	X	X	X
Cleaning fan paddles/rotor (check)		X	X
Cleaning fan drive element (check)		X	X
Cleaning fan drive belt (check)		X	X
Cleaning fan housing liner (check)		X	X
Conveyor belts (tension)		X	X
Proper operation of lights (check)	X	X	X
Battery condition (check)		X	X
Harness/electrical connections (check)		X	X
Neutral start switch (operation)		X	X

Maintenance

MAINTENANCE SCHEDULE

Maintain and lubricate the harvester components according to the schedule below. The lubrication frequency given is based on normal operating conditions. Severe or unusual conditions may require more frequent attention. The component items listed below will require recommended lubricants, please refer to the lubrication specifications section for the proper lubricants.

COMPONENT	Daily	Weekly	Pre-Season
<i>ENGINE</i>			
Check engine oil	X	X	X
Check engine coolant	X	X	X
Check alternator belt tension		X	X
Please refer to the engine operator's manual for additional maintenance intervals.			
<i>PUMP DRIVE UNIT</i>			
Check gear lube fluid level	X	X	X
Replace gear lube			X
Inspect pump drive coupling			X
Lubricate pump drive coupling input shaft			X
Lubricate hydraulic pumps input shafts			X
<i>TRANSMISSION</i>			
Check gear lube fluid level	X	X	X
Replace gear lube			X
Lubricate hydraulic motor input shaft			X
Check shifting linkage (operation)			X
Check shifting detents (operation)			X
Check parking brake (operation)	X	X	X
Inspect parking brake shoes			X
Replace parking brake shoes			X

Maintenance

MAINTENANCE SCHEDULE

COMPONENT	Daily	Weekly	Pre-Season
<i>HYDRAULIC SYSTEM</i>			
Check low oil level sensor		X	X
Check return filter sensor		X	X
Replace return filter			X
Replace suction filter			X
Inspect all shaft seals			X
Inspect hydraulic lines/fittings	X	X	X
<i>BRAKE SYSTEM</i>			
Perform brake test	X	X	X
Check parking brake operation	X	X	X
Check parking brake light/alarm	X	X	X
Check master brake cylinder (operation)		X	X
Check brake caliper (operation)		X	X
<i>AXLES</i>			
Check oil levels	X	X	X
Replace gear lube			X
Check hub seals			X
Check wheel lug nuts		X	X
Check axle bolts		X	X

Maintenance

HYDRAULIC TANK FILTERS



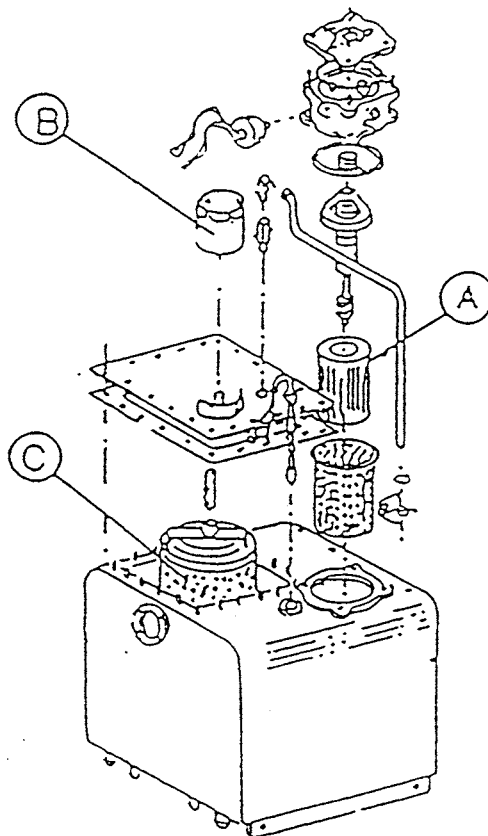
WARNING

Make sure all drives are in neutral and the engine is shut OFF, the lockout switch is in the lockout position, before making any adjustments. **DEATH or SEVERE PERSONAL INJURY** can occur.

Proper hydraulic filter maintenance is important to maintain proper cleanliness of the hydraulic oil. Cleanliness of the fluid in a hydraulic system is extremely important. The fluid used in the hydraulic system should be maintained at ISO cleanliness code 18/13 per SAE J1165.

Filter Maintenance Schedule Listed Below:

1. Hydraulic oil return filter, this return filter should be 98.7% efficient with 10 micron or larger particles. Pixall part number 6005-1276. Replace return oil filter when the filter warning light comes on or before the start of the harvest season.
2. Hydraulic tank breather filter. This filter allows the hydraulic tank to breathe with clean air. This filter should be replaced before the start of the harvest season.
3. Hydraulic suction filter. This filter is located under the hydraulic tank inspection cover. This filter should be replaced before the start of the harvest season.



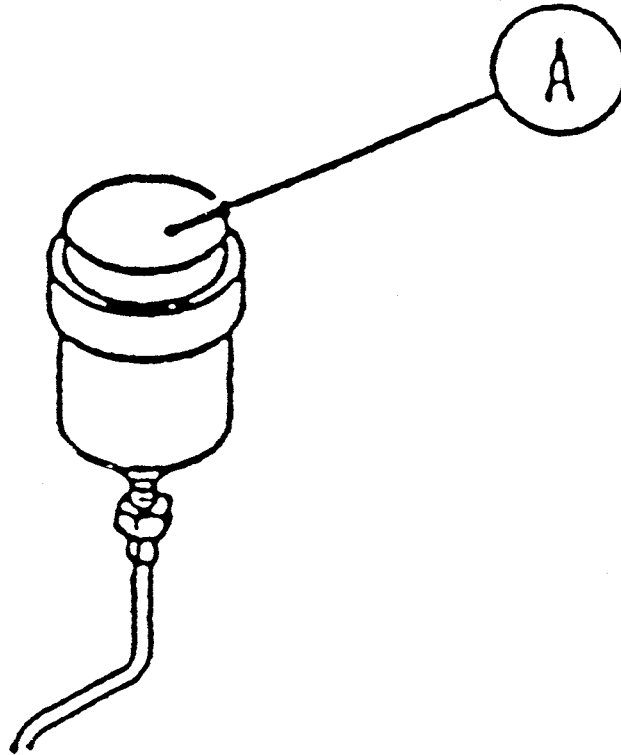
Maintenance

BRAKE FLUID RESERVOIR

Check fluid through Cap (A). Be careful to keep dirt out of system.

Fluid should be $\frac{1}{4}$ " from top.

Use SAE J1703d or DOT-3 hydraulic brake fluid.



Maintenance

BRAKE BLEEDING PROCEDURE



CAUTION

Park machine on a **FLAT, LEVEL** surface and place **BLOCKS** in front of and behind **DRIVE TIRES**. Two people are required to bleed brakes, one in the cab to pump brakes and fill reservoir and the other bleeding the brakes.

You will need one piece #16 in. (5 mm) I.D. Clear plastic tubing approximately 36 in. (915 mm) long (Fig B.) and a clean container to catch brake fluid. When installing plastic tubing on a master cylinder bleed screw, route the tubing to a point higher than the bleed screw as illustrated.

Used only clean D.O.T. 3 brake fluid. Never permit the reservoir to run dry. Leave the cap off the reservoir to avoid creating a vacuum during bleeding.

1. Check bleed screws on master and slave cylinders (total of 4) and make sure they are tight.
2. Install plastic bleed tube (Fig B) on righthand front master cylinder bleed screw ©. Open bleed screw $\frac{1}{4}$ " turn. Add fluid to remote reservoir (e) and bleed until there is a clear flow of fluid. (This step purges air between reservoir and righthand master cylinder bleed screw. Do not pump pedals.) Close bleed screw. Lock brake pedals together. Loosen bleed screw $\frac{1}{4}$ " turn. Slowly depress brake pedals to their maximum stroke. Tighten bleed screw and release brake pedals. Continue until there is clean fluid flow. (This step purges air out of "fast fill" portion of master cylinder.)

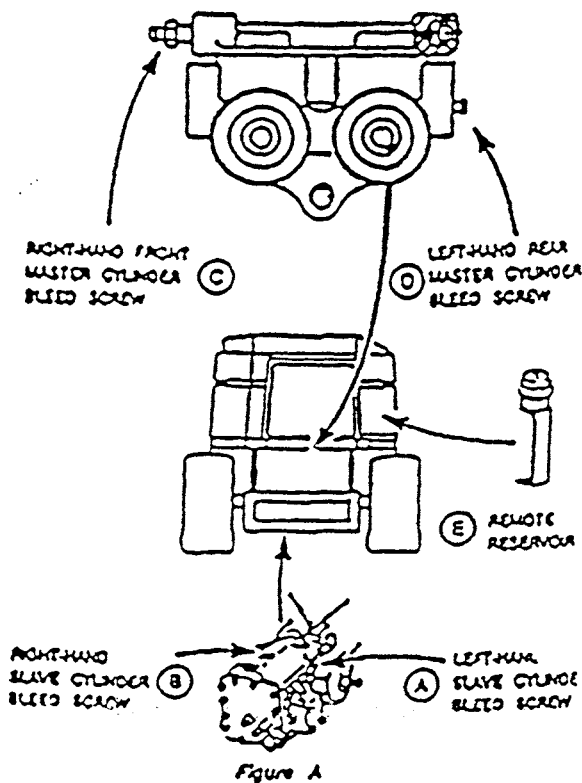


Figure A

Dual Bleed Screw Master Cylinder Shown

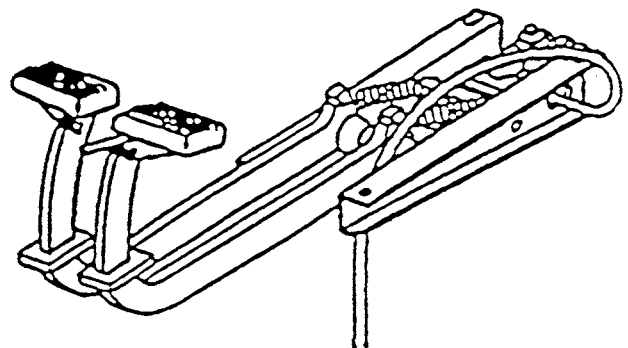


Figure B

Maintenance

BRAKE BLEEDING PROCEDURE (CONTINUED)

3. Install tubing on lefthand slave cylinder bleed screw (a); route tubing to a point higher than bleed screw. Loosen bleed screw. With pedals still locked, slowly depress pedals to the floor. Tighten bleed screw, then slowly release pedals. Repeat this step until there is a clear fluid flow.
4. Install tubing on righthand slave cylinder bleed screw (b); route tubing to a point higher than bleed screw. Unlock pedals, loosen bleed screw and slowly depress righthand pedal to the floor. Tighten bleed screw, then slowly release pedal. Repeat this step until there is a clear fluid flow.
5. Install reservoir cover.
6. Install tubing on righthand master cylinder bleed screw. Unlock pedals, loosen bleed screws, rapidly depress righthand pedal to maximum possible stroke and momentarily hold. (By rapidly depressing pedal, an internal relief valve is opened which allows that passage to be bled.) Tighten bleed screw, then slowly release pedal. Repeat this step until no more air bubbles appear and fluid flow ceases.
7. With tubing still on righthand master cylinder bleed screw, loosen bleed screw. Rapidly depress lefthand pedal to the maximum possible stroke and hold momentarily. Tighten bleed screw, then release pedal slowly. Repeat this step until no more air bubbles appear and fluid flow ceases.

Stroke each pedal separately. Check for firm, solid feel, not soft or spongy.

Tighten all bleed screws.

Check fluid reservoir.

Install drive shafts and re-engage park brake system.

Road test.

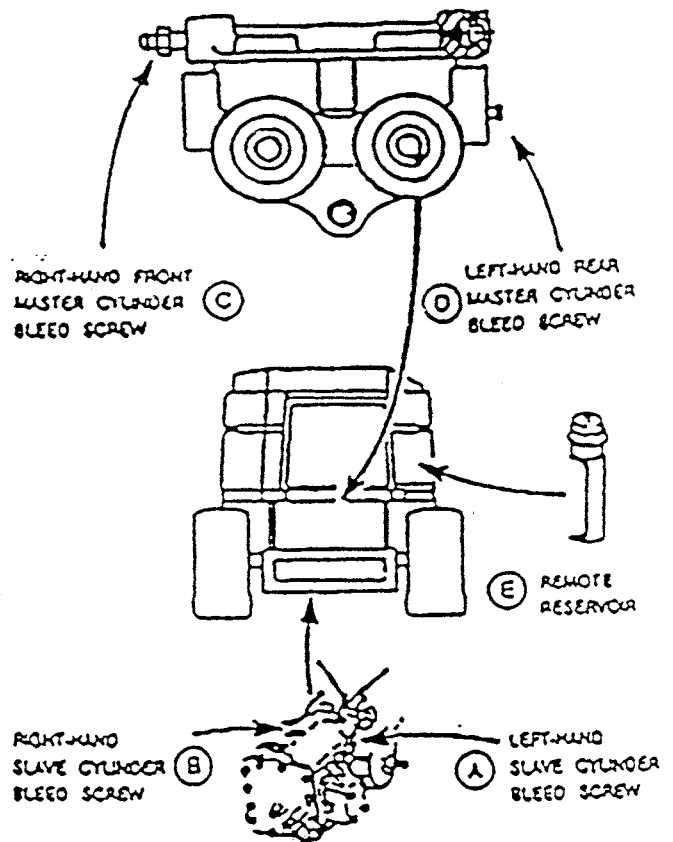


Figure A

Dual Bleed Screw Master Cylinder Shown

Air Conditioning System

CHARGING THE AIR CONDITIONING SYSTEM

Evacuating the Air Conditioning System.

After air conditioning components are repaired or replacement parts are secured, reassemble the A/C system; tighten connections and attach a vacuum pump to the center hose of the gauge set. Now you are ready to evacuate the system. Start the vacuum pump and open the hand valves on the manifold all the way open. Run pump for five minutes and then close the hand valves and shut off the pump. Observe the gauge readings for a few minutes. If the gauge needles move up, it means the system is not sealed. Check and tighten all connections that may be loose, re-start the pump and open the hand valves on the manifold. Run the vacuum pump for a sufficient period of time to remove the moisture from the system, at least one hour.

After the system has been evacuated long enough to remove the moisture and the gauge set hand valves are closed, it is time to charge the A/C system. When adding R134A, you can put it in as a gas or most of the charge can be added as a liquid. Adding R134A as a liquid is faster, but can damage the compressor if not done properly. Never add more than the amount of R134A recommended by the manufacturer.

Low Side Charging (Gas)

In low side charging with R134A gas, the engine must be running at from 1200 to 1500 rpm, and A/C unit on maximum cool. Always keep the R134A container in an upright position so no liquid is drawn into the system. Open the dispensing valve and then the low side hand valve on the manifold. When you are close to adding the specified amount, check the sight glass. It should begin to clear. Keep adding R134A until it does clear or you have added the specified R134A charge. Close valve on the R134A container. Close the hand valve on the gauge set and check gauge reading. Pressures within the air conditioning system vary with ambient temperature. A normal pressure range is defined as follows:

Low Side: 15-30 PSIG
High Side: 150-280 PSIG

High Side Charging (Liquid)

Charging with liquid R134A is faster, but there is some danger if the procedure is not followed carefully. The engine and A/C system must be off. No more than 2/3 of the specified R134A charge should be added with this method. R134A liquid may be added through the compressor discharge valve. Follow the same hookup procedure used for the low side charging.

Turn R134A container upside down and open the dispensing valve and hand valve on the gauge set. When you have added 2/3 of the required charge, shut off the R134A supply. If you added liquid R134A at the compressor high side service fitting, there may be liquid in the compressor. Attach a wrench to the nut holding the clutch to the compressor shaft. Revolve the compressor shaft a few times in the direction of normal rotation to clear any liquid from the compressor. Then start the engine and A/C system, complete charging of the system with R134A gas. Follow the low side charging procedure.

If additional Trouble Shooting information is required, please contact your Pixall dealer and/or representative and request the Red Dot Air Conditioning Service Manual.



WARNING

When charging the air conditioning system you must abide by all State Codes and Laws.

Air Conditioning System

PREVENTATIVE MAINTENANCE SCHEDULE

Component	Weekly	3 Mos.	6 Mos.
<i>COMPRESSOR</i>			
Check noise level	X	X	X
Check clutch pulley		X	X
Check oil level			X
Check belt tension (120 lbs. max.)		X	X
Inspect shaft seal	X	X	X
Check mounting bolts	X	X	X
Check belt alignment	X	X	X
Perform manifold gauge check			X
Verify clutch engagement	X	X	X
<i>CONDENSER</i>			
Clean out coils (with compressed air)	X	X	X
<i>RECEIVER/DRYER</i>			
Check sight glass for cloudiness	X	X	X
Check inlet (hot to touch)	X	X	X
Replace if system is opened			
<i>EXPANSION VALVE</i>			
Inspect capillary tube		X	X
<i>EVAPORATOR</i>			
Clean out coils (with compressed air)		X	X
Check solder joints			X
Inspect condensate drain	X	X	X
<i>OTHER COMPONENTS</i>			
Inspect fitting/clamps/hoses	X	X	X
Outlet temperature in cab			X
Inspect all wiring connections	X	X	X
Run A/C system	X	X	X
Cab air fresh filter	X	X	X
Replace cab fresh filter			X

Warranty Information

PIXALL® LIMITED WARRANTY

A. Basic Limited Warranty Coverage.

Pixall warrants that it will repair or, at its option, replace any parts manufactured by Pixall and found to be defective in factory material or workmanship for a period of 6 months or 500 engine hours after delivery to the original purchaser. Equipment which has been used for demonstration purposes for less than 250 hours is considered "new" for this purpose. Any parts or remanufactured assemblies furnished under this warranty are warranted against defects in material or workmanship for the longer of 90 days or expiration of the warranty on the equipment for which such parts or assemblies were supplied.

B. Pixall Obligations.

Pixall will at its expense repair or, at its option, replace any parts manufactured by it and found to be defective in material or workmanship during the applicable warranty period, provided that the owner of the warranted equipment complies with the "Warranty Claims Procedure" set forth below. The equipment owner will be responsible for the expense of returning any parts to Pixall for warranty evaluation. Pixall will at its expense return any part repaired or replaced under this warranty to the owner of the warranted equipment, by truck, United Parcel Service or U.S. Mail, at the option of Pixall. The equipment owner will be responsible for the cost of any other method of shipment, including air freight.

C. Items not Covered.

Pixall limited warranty does not cover: 1. labor; 2. a mechanics travel time; 3. the cost of removal of defective parts and reinstallation of repaired or replacement parts; 4. used equipment, unless specifically covered by a separate written warranty; 5. component parts manufactured by others, including but not limited to, bearings, gear boxes, engines, transmissions and hydraulic components (but, if new, such items are ordinarily warranted by the manufacturer thereof); 6. depreciation or damage caused by normal wear and tear, accident, abuse, improper maintenance, abnormal use, use other than in accordance with Pixall instructions, or improper protection in storage; 7. equipment which has been modified or altered other than with the prior written approval of Pixall; or 8. the cost of normal maintenance or service, including but not limited to the cost of replacement oil, bearings, sprockets, ignition parts, cutting parts, belts, chains, and brake linings; 9. consequential damages (the cost of repairing other property which is damaged when the equipment does not work properly).

D. Warranty Claim Procedures.

The owner of any warranted item claimed to be defective must:

1. Notify Pixall in writing on Pixall Warranty Claim Report immediately upon discovery of any defect covered by this warranty.
2. Provide to Pixall contemporaneous documentary evidence of the date of delivery of the item to the original purchaser; and
3. If requested by Pixall, return the defective part(s), freight prepaid, for inspection.

Warranty Information

E. No Other Warranties.

Pixall makes no warranty other than that set forth above, express or implied.

PIXALL SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. PIXALL GIVES NO WARRANTY THAT THE PRODUCTS SOLD WILL BE DELIVERED FREE OF THE RIGHTFUL CLAIM OF ANY THIRD PARTY FOR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR TRADEMARK OR ANY OTHER PROPRIETARY RIGHTS.

Pixall dealers are not authorized to make any representation for warranty on behalf of Pixall or in its name.

F. Obligations and Remedies are Exclusive.

The only obligation of Pixall, and its customers' only remedies, in connection with the sale of Pixall agricultural equipment, are those set forth in this warranty.

IN NO EVENT SHALL PIXALL BE RESPONSIBLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES, INCLUDING BUT NOT LIMITED TO DAMAGES FOR LOSS OF CROPS, LOSS OF PROFITS, OR RENTAL OF SUBSTITUTE EQUIPMENT, WHETHER FOR BREACH OF WARRANTY OR OTHER BREACH OF CONTRACT, NEGLIGENCE OR OTHER TORT, OR ANY STRICT LIABILITY THEORY.

G. Your Rights Under State Law.

This warranty gives you specific legal rights, and you may have other rights which may vary from state to state.

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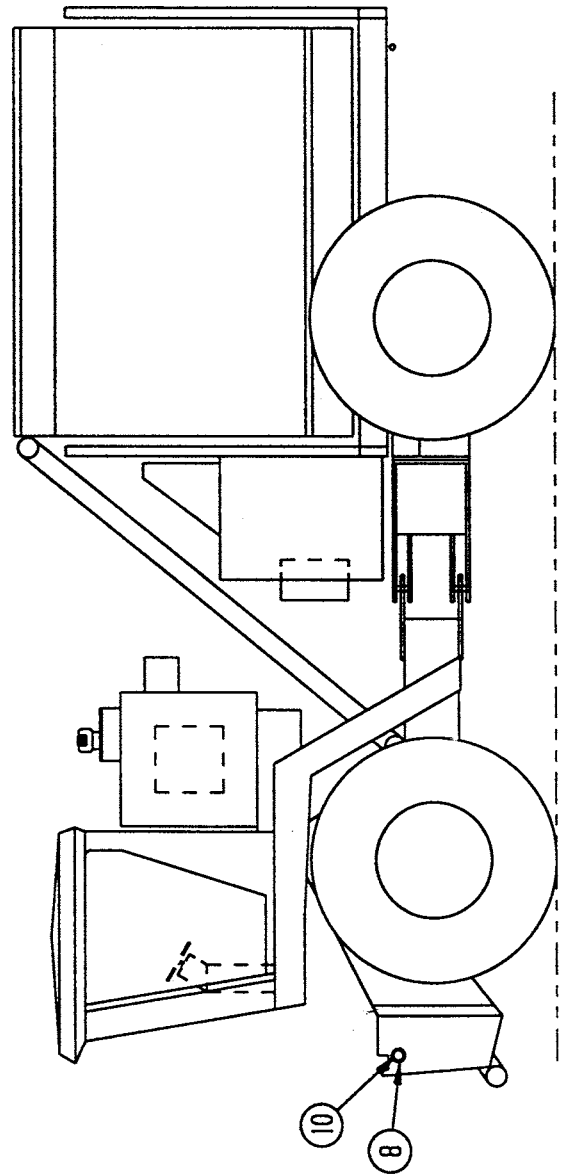
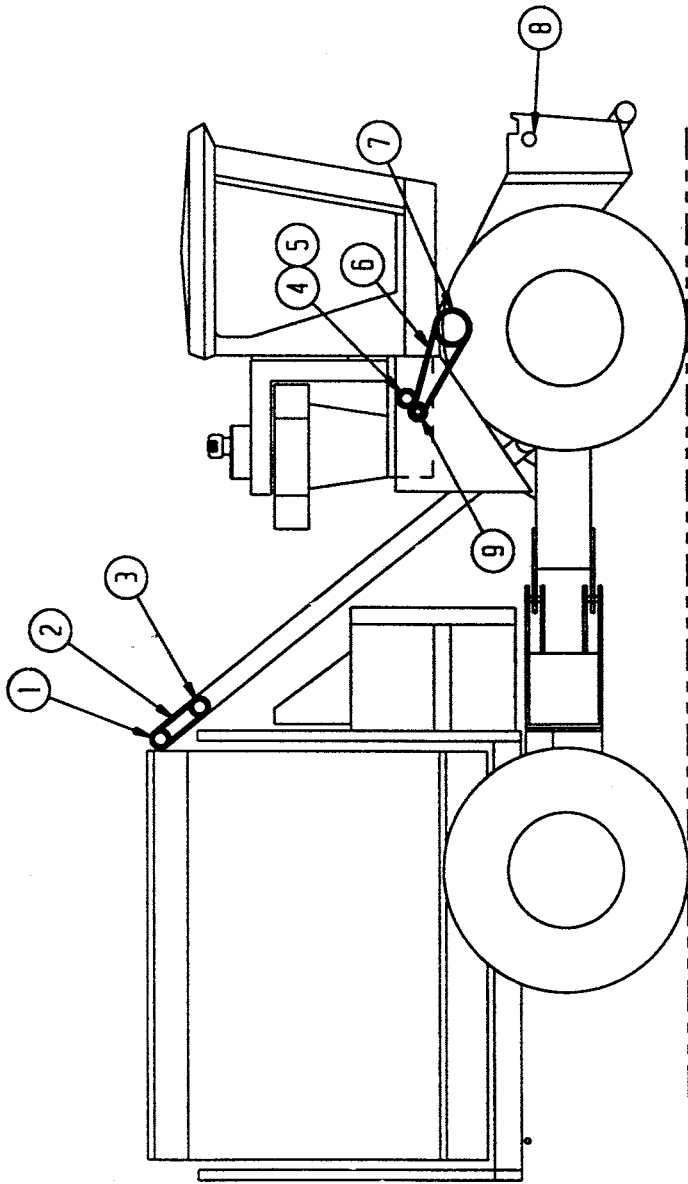
Service Parts List

(Serial No. CDB18-629096 thru CDB18-_____)

BEARINGS & BELTS

REF NO	PART NO	DESCRIPTION	QTY
1	1015-0143	Bearing, Pillow Block 1¼"	2
2	1015-0237	Bearing, Type E 1¾"	2
3	1015-0117	Bearing, Flange 2 Bolt 1¼"	4
4	1015-0152	Bearing, Flange 4 Bolt 1¾"	2
5	1015-0153	Bearing, Hanger 1¼"	2
6	1015-0138	Bearing, Flange 2 Bolt 1¼"	2
7	6001-0307	Bearing, Flange 4 Bolt 1¾"	1
8	1021-0178	Elevator Belt	1
9	6020-0033	Intake Belt	1
10	1021-0199	Lacing Wire, 54"	AR
11	1020-0200	Lacing, Alligator	AR
12	5500-0028	Silicone Caulk w/ Instructions	AR

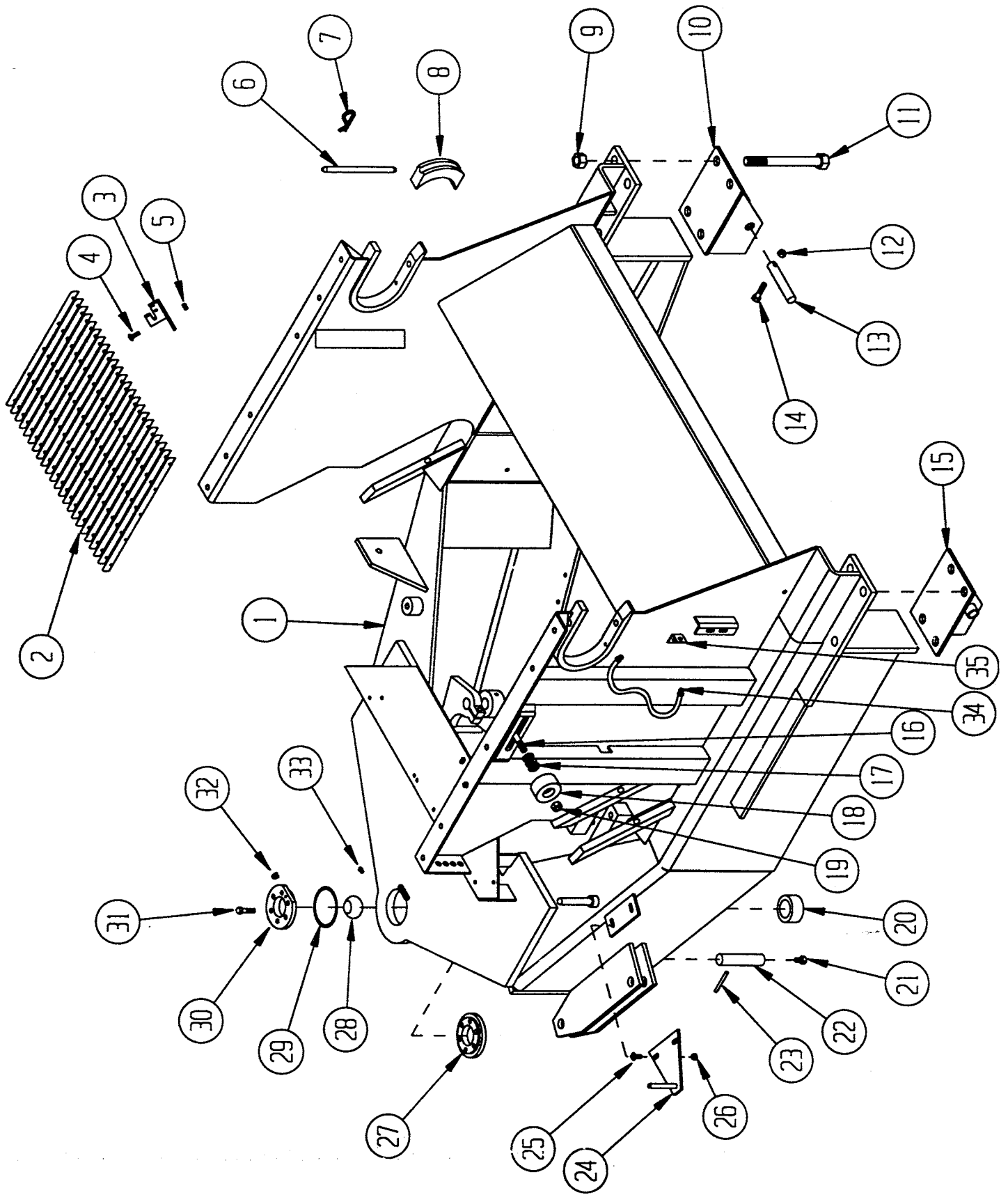
CHAINS & SPROCKETS



CHAINS & SPROCKETS

REF NO	PART NO	DESCRIPTION	QTY
1	1019-0073	Sprocket, RC50B 13T 1¼" Bore	1
2	1019-0088	Sprocket, RC50B 13T 1" Bore	1
3	1019-0525	Drive Chain, Elevator	1
4	7003-0275	Gear Stalk, Ejector	2
5	0001-0178	Taper Lock Bushing, 2012 x 1¼" Bore	2
6	1019-0526	Drive Chain, Conveyor	1
7	1019-0385	Sprocket, RC60B 36T 1¾" Bore	1
8	1019-0490	Sprocket, Chain Coupling	2
9	1019-0407	Sprocket, RC60B 11T 1¼" Bore	1
10	6020-0278	Sprocket, RC40B 18T 1½" Bore	1

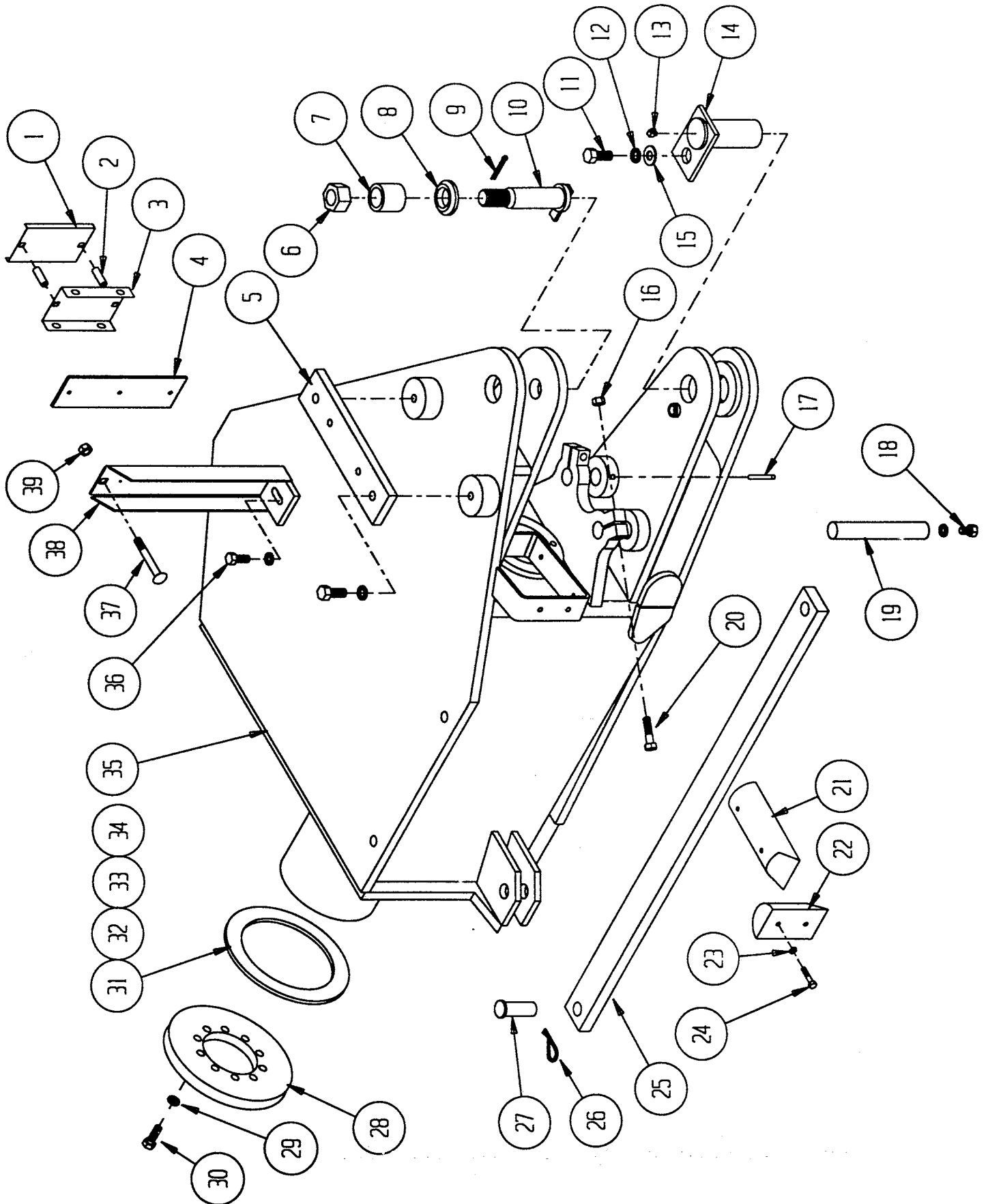
FRONT CLIP



FRONT CLIP

REF NO	PART NO	DESCRIPTION	QTY
1	6020-0133	Weldment, Front Frame	1
2	6020-0148	Grate	2
3	6020-0740	Grate Hanger R.H.	2
	6020-0741	Grate Hanger L.H.	2
4	0002-0069	Bolt, Carriage 1/4" - 20 x 1 1/4"	4
5	0002-0018	Nut, Hex 1/4" - 20	4
6	6003-0557	Pin	2
7	6003-0231	Hair Pin Clip	4
8	6003-0199	Shoe, Intake	2
9	0002-0237	Nut, Hex 1" - 8	8
10	6020-0167	Header Cylinder Mount L.H.	1
11	0002-0838	Bolt, Hex 1" - 8 x 11"	8
12	0002-0227	Nut, Flexlock 1/2" - 13	2
13	6001-0175	Cylinder Pin	2
14	0002-0141	Bolt, Hex 1/2" - 13 x 2"	2
15	6020-0166	Header Cylinder Mount R.H.	1
16	0002-0163	Bolt, Carriage 5/8" - 11 x 2 1/2"	1
17	0002-0050	Washer, Flat 5/8"	AR
18	1027-0010	Tightener, Plastic	1
19	0002-0251	Nut, Serrated Flange 5/8" - 11	1
20	6001-0343	Spacer, Lower	1
21	0002-0137	Bolt, Hex 1/2" - 13 x 3/4"	4
22	6001-0248	Pin, Front Cylinder	2
23	0002-0492	Roll Pin, 5/16 x 3"	2
24	6020-0267	Hinge, Bottom	1
25	0002-0100	Bolt, Carriage 3/8" - 16 x 1"	2
26	0002-0248	Nut, Serrated Flange 3/8" - 16	2
27	6001-0335	Socket, Bottom Half	1
28	6001-0345	Ball	1
29	6001-0353	Shim .010"	AR
30	6001-0334	Socket, Top Half	1
31	0002-0384	Bolt, Hex 7/16" - 14 x 1 3/4"	6
32	1015-0147	Grease Zirk, 90° 1/4" - 28	1
33	0002-0275	Grease Zirk, Straight 1/4" - 28	1
34	1013-0350	Grease Hose	2
35	6001-0770	Grease Bracket	2

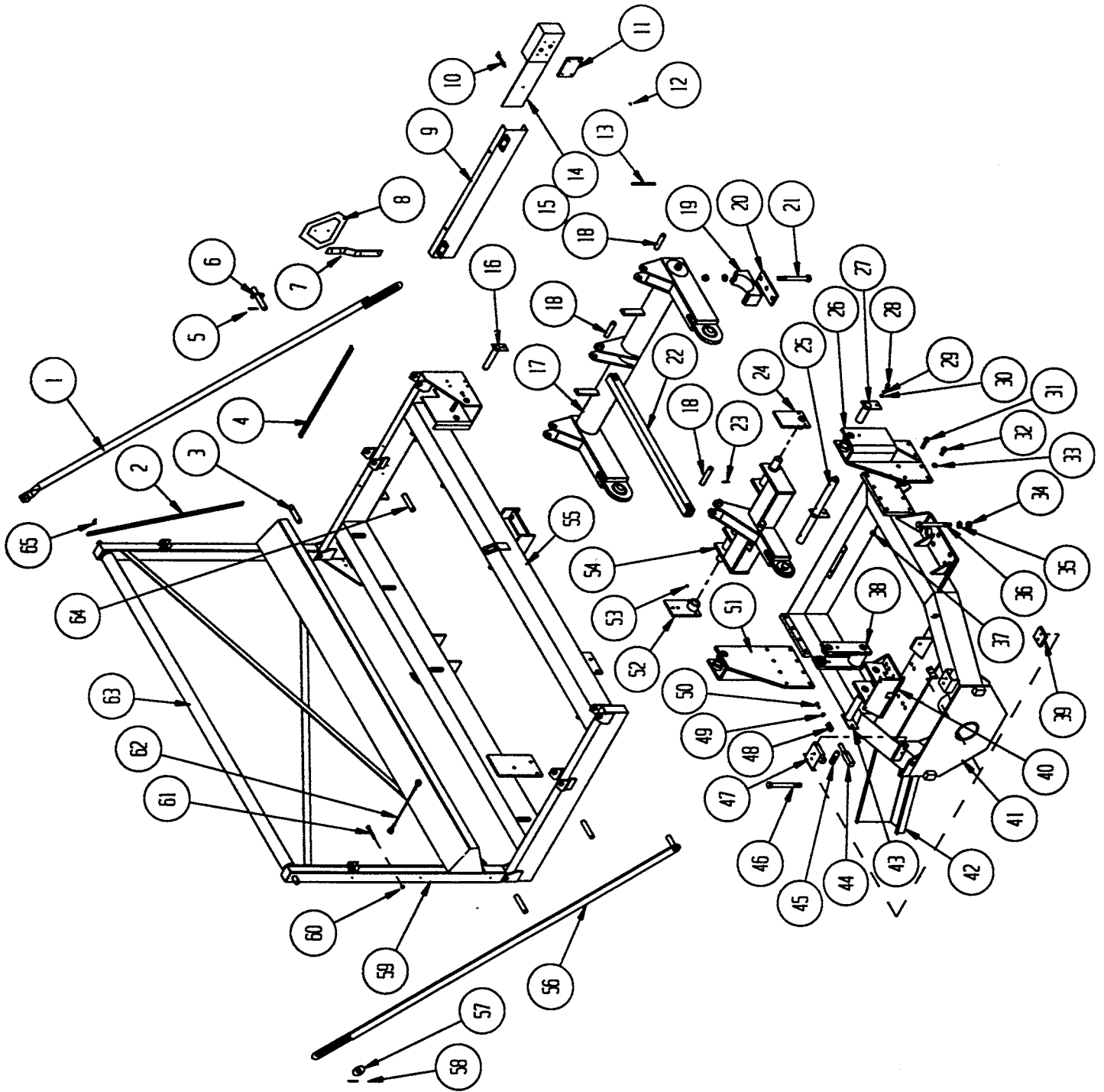
CENTER SECTION



CENTER SECTION

REF NO	PART NO	DESCRIPTION	QTY
1	6020-0951	Spacer	2
2	6020-0949	Hose Bracket	1
3	6020-0950	Hose Bracket Mount	1
4	6020-0223	Cushion, Rubber	2
5	6020-0222	Bridge	1
6	0002-0590	Castle Nut 1¼" - 12 NF	1
7	6001-0342	Spacer, Upper	1
8	6001-0343	Spacer, Lower	1
9	0002-0280	Cotter Key, 3/16 x 2"	1
10	6001-0336	Pin, Upper	1
11	0002-0170	Bolt, Hex 5/8 - 11 x 1½"	3
12	0002-0267	Washer, Split Lock 5/8"	3
13	1015-0147	Grease Zirk, 90° ¼" - 28	1
14	6001-0339	Pin, Lower	1
15	0002-0050	Washer, Flat 5/8"	1
16	0002-0250	Nut, Serrated Flange ½" - 13	2
17	0002-0492	Roll Pin, 5/16 x 3"	2
18	0002-0137	Bolt, Hex ½ - 13 x ¾"	4
19	6001-0508	Steering Cylinder Pin, Rear	2
20	0002-0143	Bolt, Hex ½ - 13 x 2½"	2
21	6001-0963	Hose Wear Strip, Long	1
22	6001-0962	Hose Wear Strip, Short	1
23	0002-0038	Washer, Split Lock 5/16"	4
24	0002-0055	Bolt, Hex 5/16 - 18 x 1"	4
25	6020-0321	Lock-out Bar	1
26	6003-0231	Hair Pin Clip	2
27	0002-0409	Pin, 1" Diameter	2
28	6001-1115	Washer Plate	1
29	0002-0336	Washer, Split Lock ½"	8
30	0002-0883	Bolt, Hex ½ - 30 x 1¾" locking patch	8
31	6020-1049	¼" Thrust Washer Shim	1
32	6020-1047	3/16" Thrust Washer Shim	AR
33	6020-1046	1/8" Thrust Washer Shim	AR
34	6020-1048	.22 Thrust Washer Shim	A/R
35	6020-1059	Weldment, Center Section	1
36	0002-0138	Bolt, Hex ½ - 13 x 1¼"	2
37	0002-0135	Bolt, Carriage ½"-13 x 4"	1
38	6020-0224	Hose Rack	2
39	0002-0227	Nut, Flexlock ½"-13	1

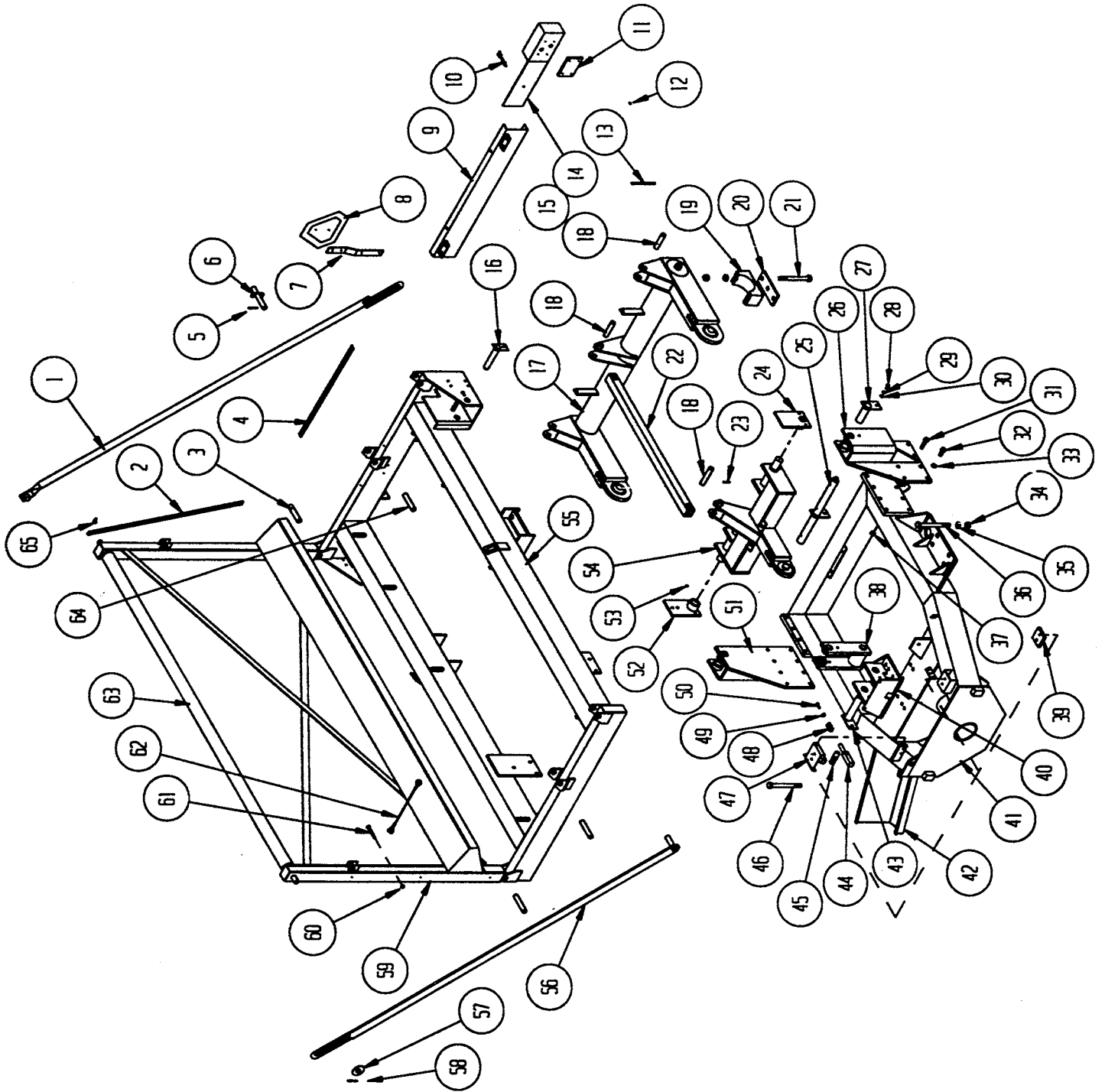
REAR CLIP



REAR CLIP

REF NO	PART NO	DESCRIPTION	QTY
1	6030-0136	Bed Stead Support - Rear	1
2	6002-0155	Electric Wire Cover x 48"	1
3	1006-0049	Pin, 1¼" Diameter x 5¼" Long	2
4	6002-0154	Electric Wire Cover x 36"	1
5	0002-0295	Roll Pin ⅝ x 2 ½"	AR
6	6011-0036	Tee Pin	1
7	6001-1487	SMV Sign Mounting	1
8	6002-0121	Slow Moving Vehicle (SMV) Sign	1
9	6007-0896	Light channel	1
10	6007-0902	Plunger Pin	2
11	6007-0904	Wire Shield	2
12	6007-0922	Spacer	8
13	6007-0884	Pin	2
14	6007-0854	Rear Light Bracket	2
16	6030-0430	Pin, Cylinder Lift	2
17	6030-0213	Crank Shaft	1
18	1006-0052	Pin 1¼" Diameter x 6 ¼" Long	5
19	6011-0104	Axle Bearing	4
20	6011-0103	Back-up Plate	2
21	0002-0838	Bolt, Hex 1- 8 X 11"	4
22	6030-0220	Push Rod	1
23	0002-0295	Roll Pin ⅝ x 2 ½"	AR
24	6011-0154	Pivot Bearing	1
25	6030-0408	Pin, Crank Shaft	1
26	6011-0013	Axle Mounting L.H.	1
27	6011-0075	Pin - 2" Diameter	2
28	0002-0138	Bolt, Hex ½ - 13 x 1¼"	2
29	0002-0336	Washer, Split Lock ½"	2
30	0002-0263	Washer, Flat ½"	2
31	0002-0196	Bolt, Hex ¾ - 10 x 3"	8
32	0002-0192	Bolt, Hex ¾ - 10 x 2"	8
33	0002-0336	Washer, Split Lock ¾"	8
34	0002-0237	Nut, Hex 1" - 8	12
35	0002-0268	Washer, Split Lock 1"	12
36	0002-0838	Bolt, Hex 1- 8 X 11"	8
37	0002-0252	Nut, Serrated Flange ¾" - 10	8
38	6030-0560	Link	1
39	6014-0047	Bumper .5 UHMW	A/R
	6011-0083	Bumper .75 UHMW	A/R
	6014-0048	Shim 16 Ga.	A/R
	6014-0049	Shim 14 Ga.	A/R
	6014-0050	Shim 12 Ga.	A/R
40	6030-0564	Cable House	1
41	6020-1060	Weldment, Rear Frame	1
42	6011-0039	Battery Box	1
43	6030-0569	Pin	1
44	6014-0042	Pin, Lock	1
45	6014-0043	Connector Link	1
46	0002-0837	Bolt, Hex 1 - 8 x 10"	4
47	6014-0038	Pressure Plate R.H.	1

REAR CLIP



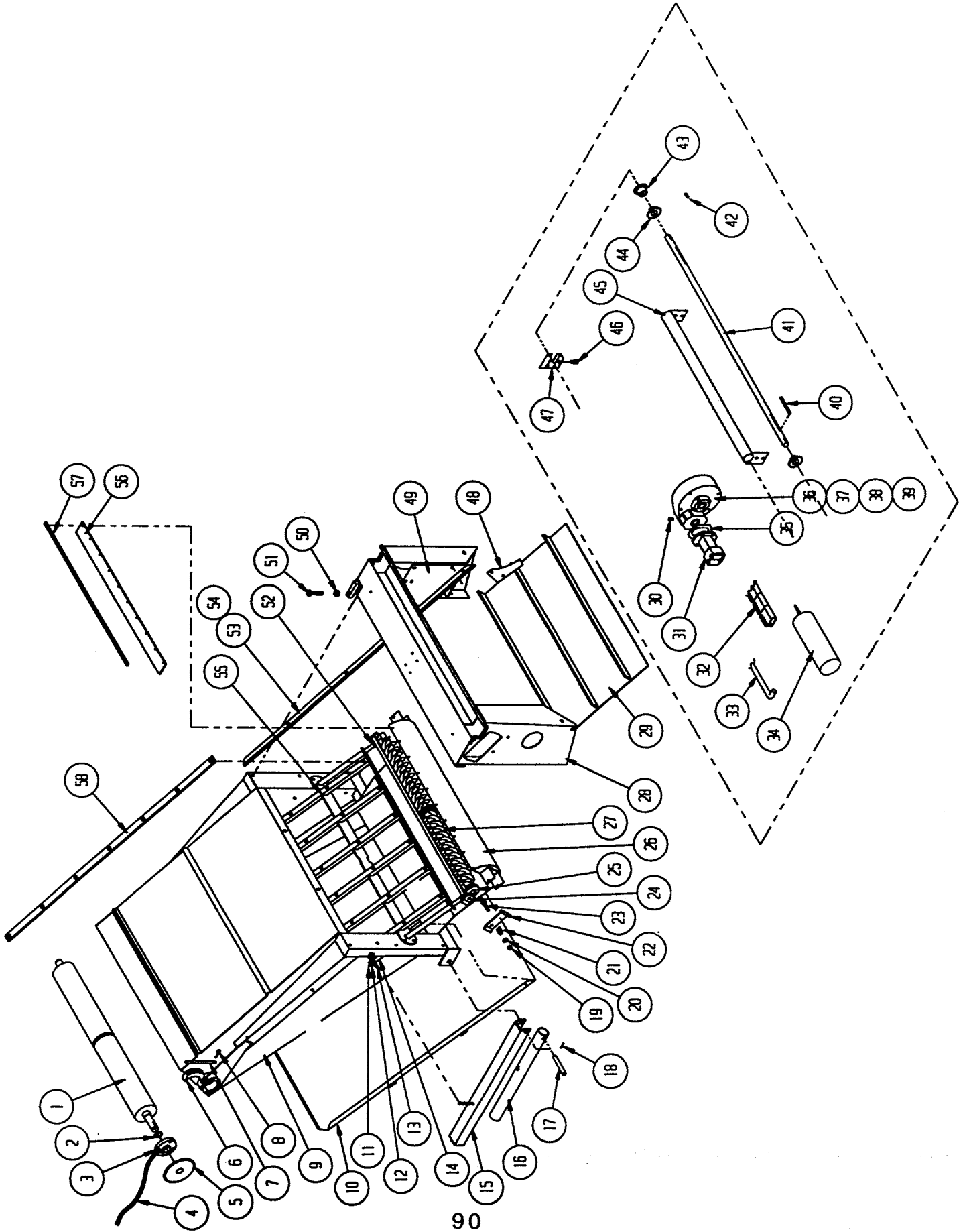
REAR CLIP

REF NO	PART NO	DESCRIPTION	QTY
48	6014-0044	Compression Spring	1
49	0002-0263	Washer, Flat 1/2"	1
50	0002-0371	Bolt, Hex 1/2" - 13 x 1 1/4"	1
51	6011-0012	Axle Mounting R.H.	1
52	6011-0154	Pivot Bearing	1
53	1015-0027	Grease Zirk 1/4" - 28" Straight	AR
54	6030-0410	Bell Crank, Weldment	1
55	6030-0140	Lower Frame, Weldment	1
56	6030-0283	Bed Stead Support - Front	1
57	6011-0136	Washer	1
58	0002-0295	Roll Pin 5/16 x 2 1/2"	AR
60	0002-0242	Nut, Nylock 1/2"-1	4
61	0002-0145	Bolt, Hex Head 1/2"-13 x 3"	4
62	6014-0110	Cable	1
63	6030-0131	Frame Upright	1
64	6030-0364	Pin 1/4" Diameter X 6" Long	1
65	1040-0429	Clamp	A/R

AXLES & TRANSMISSION

REF NO	PART NO	DESCRIPTION	QTY
1	6020-0847	Axle Assembly Front	1
2	6020-0839	Axle Assembly Rear	1
3	1019-0428	Brake Disc (For Clark only)	2
4	6001-0515	Cross Kit	5
5	6001-0750	Slip Joint Assembly (For Clark axle only)	1
6	6030-0233	Drive Shaft Rear	1
7	1006-0030	Key 3/8 x 2" Long	2
8	6001-0307	Bearing 1 3/4" Diameter	1
9	6001-0308	Companion Flange	1
10	1016-0016	Retaining Ring 1 3/4"	1
11	6001-0303	Drive Shaft Assembly Center	1
12	6001-1419	Brake Drum	1
13	6001-0642	Brake Shoes	2
14	1025-0016	Brake Springs	2
15	6020-0752	Transmission	1
	6001-1458	Shaft	A/R
	6001-1459	Seal	A/R
16	6001-0356	Speedometer Plate	1
17	6020-0171	Drive Shaft Assembly Front	1
18	6020-0805	Wheel, Standard, 21 x 32 x 5.5 Offset (STANDARD)	4
	6020-0909	Wheel, Flotation, 27 x 32 x 1.8 Offset (OPTIONAL)	4
19	1018-0038	Tire, Standard, 24.5 x 32 - 12 Ply Tubeless (STANDARD)	4
	1018-0041	Tire, 30.5 LR32 Firestone Radial Flotation (OPTIONAL)	4
20	6002-0159	Breather	2
21	1013-0129	Street Ell, 3/8NPT	2
22	1019-0557	Gasket	1
23	6001-1427	Flange Adapter	1
24	1013-0428	Breather	1
25	6001-1319	Clevis L.H.	1
26	6020-0723	Link Plate	1
27	1025-0013	Spring	1
28	6001-0588	Clevis, R.H.	1
29	6020-0719	Linkage Rod	1
30	0002-0560	Pin, Clevis	2
31	0002-0278	Pin, Cotter 5/32 x 1 1/2"	2
32	0002-0114	Bolt, Hex 3/8 - 16 x 2"	1
33	6020-0720	Bell Crank, Parking Brake	1
34	0002-0036	Nut, Flexlock 3/8" - 16	1
35	5500-0221	Special Spline Grease	1

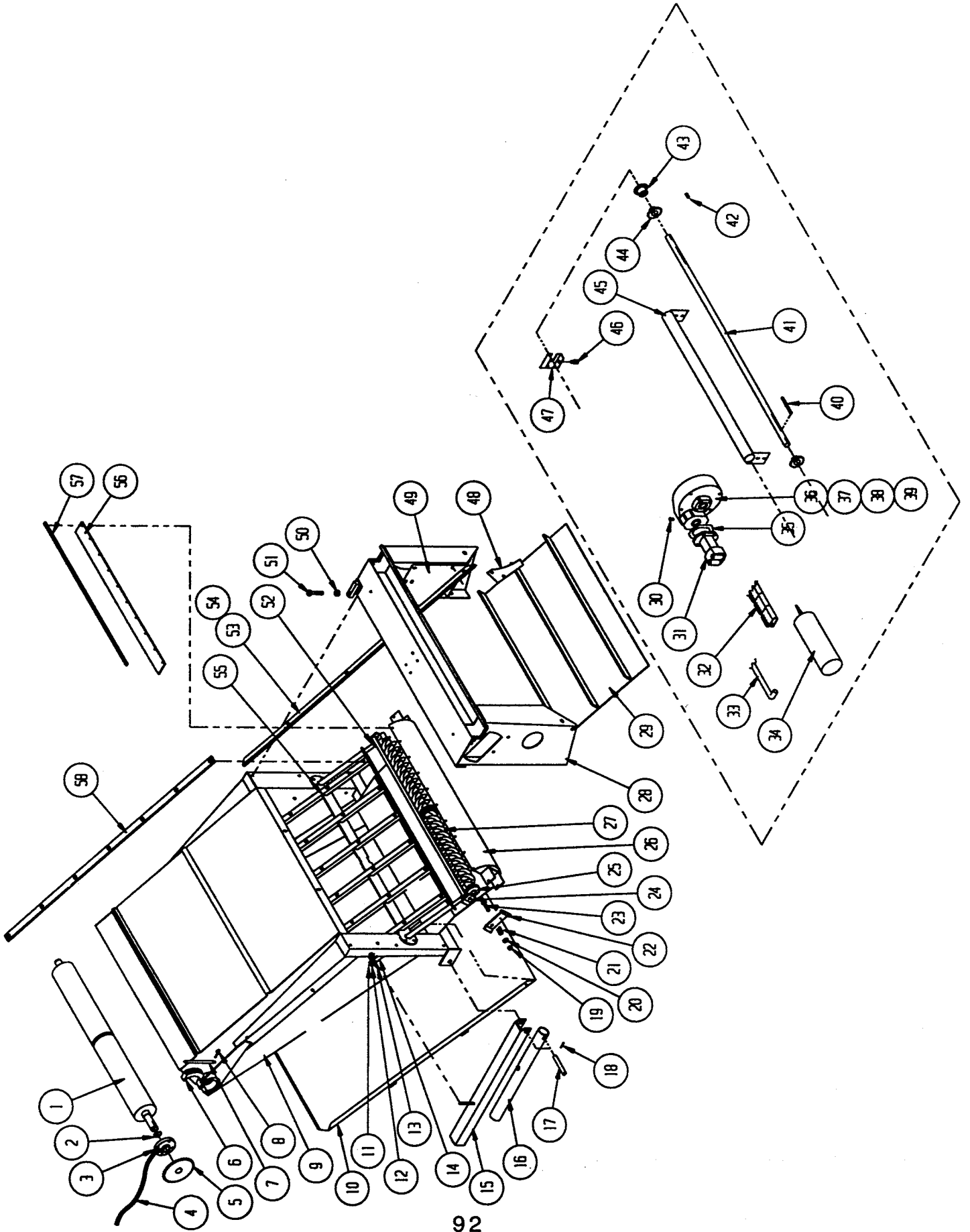
INTAKE



INTAKE

REF NO	PART NO	DESCRIPTION	QTY
1	6020-0023	Drive Roller 6¼ Diameter	1
2	1016-0016	Ring	2
3	1015-0152	Bearing Flange 4-Bolt 1¾ Piloted	2
4	1013-0393	Grease Hose, 36"	2
5	1019-0385	Sprocket RC60B 36T 1¾ Bore ¾" KW	1
6	6003-0199	Shoe Intake	2
7	6003-0557	Pin	2
8	6003-0231	Hair Pin Cotter	4
9	6020-1137	Intake	1
10	6020-0339	Pan - Feeder House	1
11	6004-0380	Take-up Angle	2
12	1015-0146	Grease Fitting	2
13	0002-0237	Nut, Hex 1" - 8	4
14	6004-1006	Take-up Bolt	2
15	6001-0074	Hydraulic Cylinder Safety Stop	2
16	6001-0132	Hydraulic Cylinder Extension	2
17	6004-0118	Hydraulic Cylinder Pin	2
18	0002-0280	Cotter Key, ¾ x 2"	4
19	0002-0331	Nut, Flexlock ½" - 11	2
20	0002-0451	Washer	2
21	1025-0006	Compression Spring	2
22	6020-0788	Boot Hinge	2
23	0002-0164	Bolt, Carriage ½ - 11 x 3"	2
24	6020-0786	Scraper	1
25	1015-0153	Bearing Hanger	2
26	6020-0784	Boot	1
27	6030-0446	Auger Roller 4¼" Diameter	1
28	7003-0819	Adapter Frame	1
29	6020-0033	Intake Belt	1
30	1013-0428	Breather	2
31	6005-1543	Hydraulic Motor, Eaton 2.48	2
	6005-1090	Seal Kit for 6005-1543	A/R
32	1021-0200	Lacing Alligator	A/R
33	1021-0199	Lacing Wire, 54"	AR
34	5500-0028	Silicone Caulk w/ Instructions	A/R
35	1015-0245	Gasket	2
36	6020-0968	Gear Box 3.38:1 Ratio	2
37	6020-0964	Input Shaft 1"-15T; Gear Box	2
38	6020-0889	Shim	A/R
39	6020-0890	Shim	A/R
40	1006-0096	Key, ¾ x ¾ x 3"	1
41	6020-0043	Jack Shaft	1
42	1006-0094	Key, ¾ x ¾ x 1½"	3
43	1019-0490	Sprocket RC60B 14T 1½ Bore ¾" KW	2
44	6020-0278	Sprocket RC40B 14T 1½" Bore No KW	1
45	6020-0253	Counter Shaft Shield	1
46	1040-0007	Tach Sender	1
47	6020-0645	Tach Bracket	1
48	6020-0280	Side Shield	2
49	6020-0252	Side Sheet	2

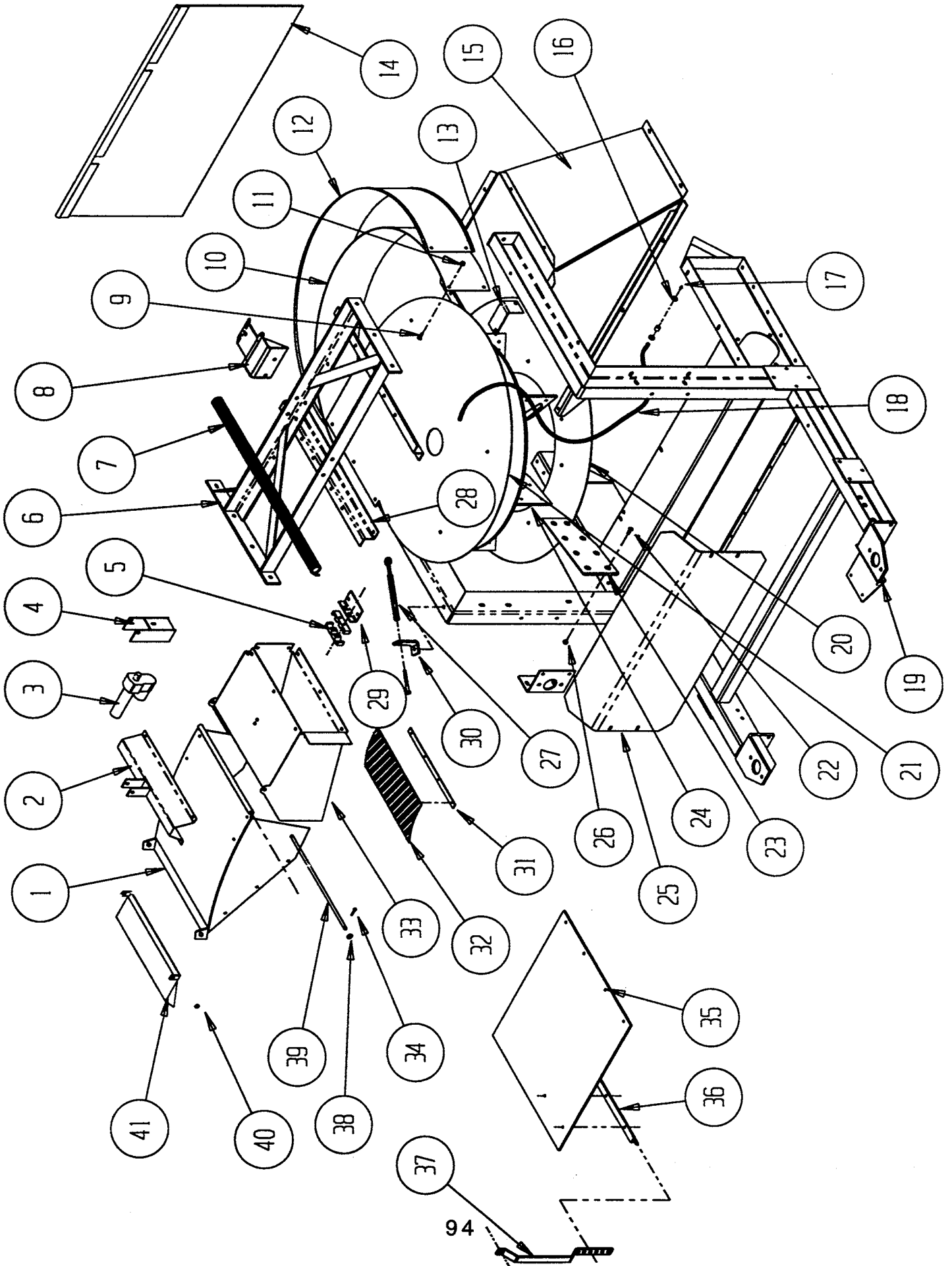
INTAKE



INTAKE

REF NO	PART NO	DESCRIPTION	QTY
50	0002-0236	Jam Nut, .875-9	1
51	0002-0881	Bolt, Hex Head .875-9 x 4"	1
52	0002-0393	Nut 1" - 14 Zinc	2
53	6020-0031	Sealer Strip, Upper L.H.	1
54	6020-0032	Sealer Strip, Upper R.H.	1
55	6020-0018	Weldment, Intake Conveyor	1
56	6030-0395	Sealer Belt	1
57	6030-0396	Backup Strip	1
58	1027-0065	Liner, Intake Conveyor	6

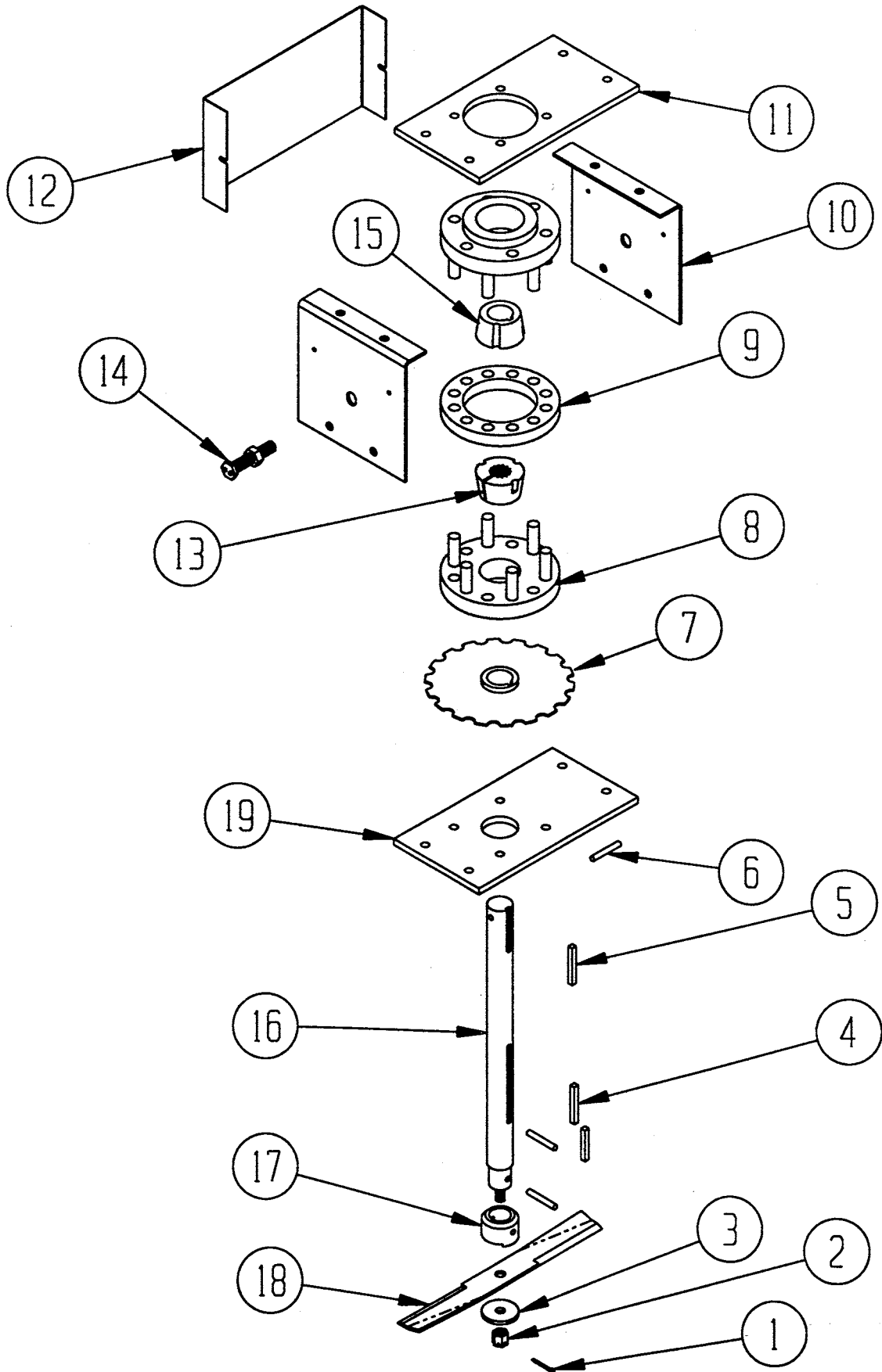
FAN FRAME ASSEMBLY



FAN FRAME ASSEMBLY

REF NO	PART NO	DESCRIPTION	QTY
1	6020-0309	Discharge Hood	1
2	6020-0316	Arm	1
3	6003-0341	Actuator Linear 500#	1
4	6020-0242	Actuator Mounting	2
5	1027-0081	Hydraulic Tube Clamp	2
6	6020-0236	Fan Mounting	1
7	6004-0225	Spring	1
8	6020-0075	Pulley Hinge Mount	1
9	0002-0083	Bolt, Carriage $\frac{5}{16}$ " - 18 x $\frac{3}{4}$ "	8
10	6020-0287	Liner Fan Housing	1
11	0002-0468	Nut, Flanged Oval Lock $\frac{5}{16}$ " - 18	8
12	6020-0247	Fan Housing	1
13	6020-0241	AC Bracket	1
14	6020-0377	Belt Cover	1
15	6020-0854	Duct, Square	1
16	1013-0351	Fitting Hex Coupling	2
17	1015-0027	Grease Fitting $\frac{1}{8}$ " - 27 NPT	2
18	1013-0393	Grease Hose, 36"	2
19	6020-0044	Cab & Fan Frame	1
20	6020-0853	Bottom Plate	1
21	6020-0283	Top Plate	1
22	0002-0512	Bolt 100° $\frac{3}{8}$ " - 16 x $1\frac{1}{4}$ "	48
23	1027-0080	Fan Blade Liner	6
24	6020-0289	Fan Rotor 40" Diameter	1
25	6020-0513	Sound Barrier	1
26	0002-0470	Nut, Flanged Oval Lock $\frac{3}{8}$ " - 16	48
27	6020-0343	Tumbuckle $\frac{1}{2}$ - 13 NC	1
28	6020-0160	Z-Iron	2
29	6020-0218	Tube Mount	1
30	6020-0342	Spring Mount	1
31	6003-0335	Back Up Strap	1
32	1021-0163	Rubber Drip Flap	1
33	6020-0153	Picture Frame	1
34	0002-0279	Cotter Pin, $\frac{3}{16}$ x $1\frac{1}{2}$ "	2
35	1027-0186	UHMW Deflector	1
36	6030-1001	Deflector Support	1
37	6030-1003	Deflector Lifting Arm	2
38	0002-0263	Washer, Flat $\frac{1}{2}$ "	2
39	6020-0556	Hinge Rod	1
40	6030-1131	Spacer	2
41	6030-1111	Fan Flipper	1

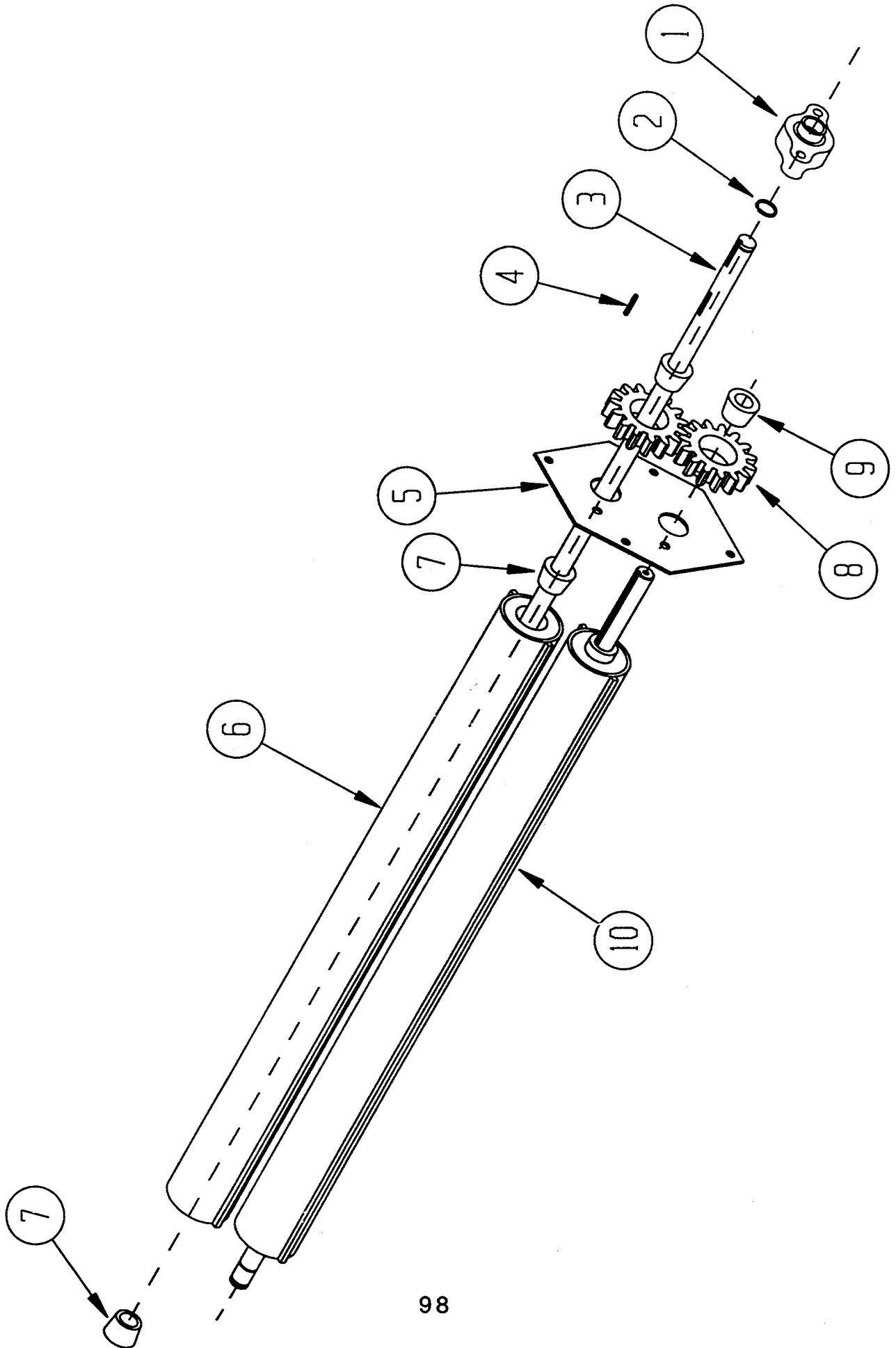
FAN SHAFT



FAN SHAFT

REF NO	PART NO	DESCRIPTION	QTY
1	0002-0278	Pin Cotter	1
2	1012-0037	Nut, Castle $\frac{5}{8}$ "- 11	1
3	9002-0028	Washer, 2 $\frac{1}{2}$ O.D. $\frac{5}{8}$ I.D.	1
4	1006-0107	Key, $\frac{3}{8}$ x $\frac{3}{8}$ x 1"	1
5	1006-0096	Key, $\frac{3}{8}$ x $\frac{3}{8}$ x 3"	2
6	1006-0027	Roll Pin $\frac{3}{8}$ x 2 $\frac{1}{2}$ "	3
7	6020-0273	Fan Tach Disc	1
8	6003-0275	Coupling Hub	2
9	6003-0276	Coupling Element	1
10	6020-0081	Leg Hydraulic Motor Mount	2
11	6003-0147	Fan Mount Plate, Upper	1
12	6020-0509	Shield Fan	2
13	6003-0277	Taper Lock Bushing, Splined	1
14	1040-0007	Tach Sender, Short	1
15	0001-0161	Taper Lock Bushing, 2517	1
16	6020-0193	Fan Shaft	1
17	9002-0027	Hub	1
18	9002-0029	Blade	1
19	6020-0301	Fan Mount Plate, Lower	1

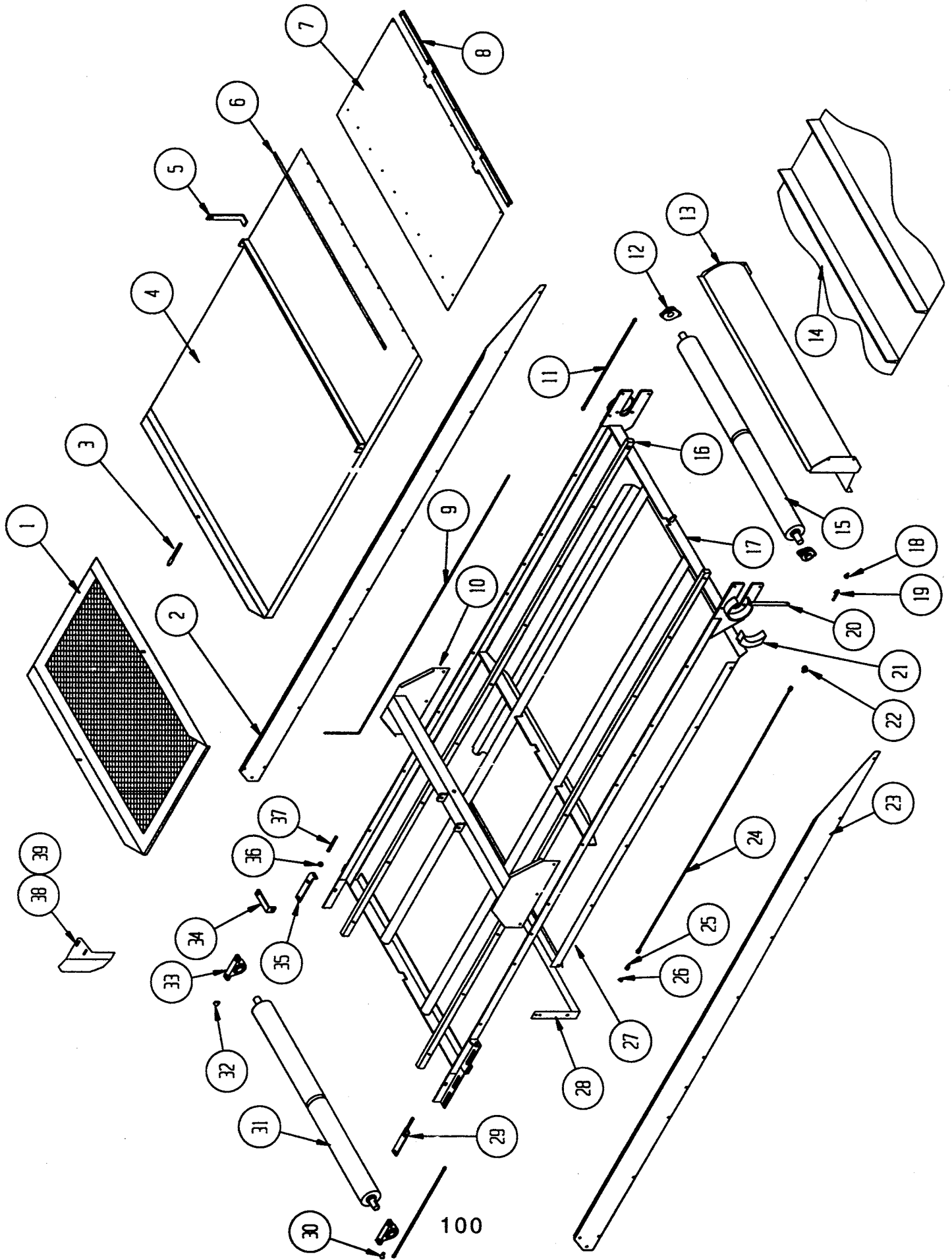
EJECTOR ROLLERS



EJECTOR ROLLERS

REF NO	PART NO	DESCRIPTION	QTY
1	1015-0117	Bearing, 2-Bolt 1¼"	4
2	1016-0013	Retaining Ring External 1¼"	3
3	6020-0179	Shaft Idler	1
4	1019-0230	Key, ⅝ x ⅝ x 1¼"	1
5	6020-0078	Stalk Ejector Plate	2
6	6020-0117	Ejector Roller, Driven	1
7	0001-0179	Taper Lock 1615	2
8	7003-0275	Gear Stalk Ejector	2
9	0001-0178	Taper Lock 2012	2
10	6020-0470	Ejector Roller, Driver	1

ELEVATOR



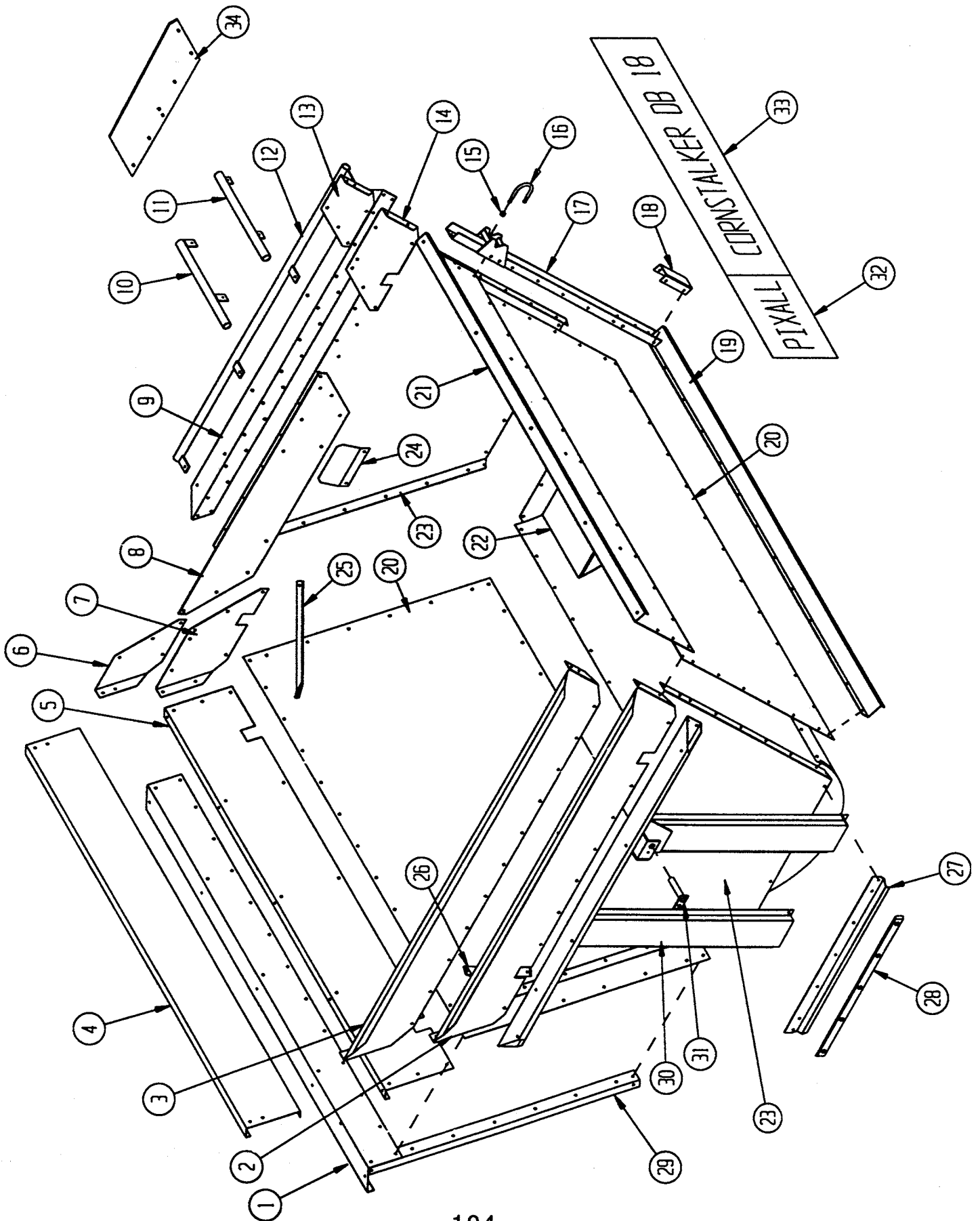
ELEVATOR

REF NO	PART NO	DESCRIPTION	QTY
1	6020-0369	Elevator Cover Screen	1
2	6020-0746	Elevator Side, L.H.	1
3	6020-0370	Cover Bolt	1
4	6020-0375	Elevator Cover	1
5	6003-0220	Clip - Elevator Cover	2
6	6030-0396	Back-up Strip	1
7	6020-0378	Rubber Belting	1
8	6030-0224	Rod Weldment	1
9	6020-0714	Tube, Rear Light Wire	1
10	6020-0366	Yoke Cylinder Mounting	1
11	1013-0393	Grease Hose, 36"	4
12	1015-0138	Bearing, 2 Bolt Flange 1.25 Bore	2
13	6020-0146	Weldment Pan Elevator	1
14	1021-0178	Belt	1
15	6020-0371	Idler Roller 4.25 Diameter	1
16	6020-0748	Belt Guide	2
17	6020-0969	Elevator Frame	1
18	6005-0096	90° Elbow, ¼ - 28 x ⅛" NPT	2
19	6003-0231	Hair Pin Cotter	5
20	6003-0069	Pin	2
21	6003-0199	Shoe Elevator	2
22	1013-0414	Hydraulic Fitting, 4JIC Male - 90° Elbow - ⅛" NPT Female	2
23	6020-0747	Elevator Side, R.H.	1
24	1014-0248	Grease Tube	2
25	1013-0413	Hydraulic Fitting, 4JIC Male - Straight - ⅛" NPT Female	2
26	1040-0429	Tube Clamp	6
27	6020-0365	Elevator Return Slide	1
28	6020-0360	Belt Runner Bracket	3
29	6003-0217	Tightner - Space	2
30	1013-0298	⅛" Street Elbow 45°	1
31	6020-0372	Drive Roller 4.25 Diameter	1
32	1013-0299	90° Street Elbow ⅛" NPT	1
33	1015-0143	Bearing, Pillow Block 1¼" Bore	2
34	6020-0511	Light Bracket	1
35	6020-0972	Bearing Tightener	1
36	0002-0024	Nut, Hex ½"-13	1
37	0002-0875	Bolt, Hex Head ½"-13 x 5"	1
38	6003-0212	Blinder, R.H.	1
39	6003-0213	Blinder, L.H.	1

ELEVATOR PULL CABLE GROUP

REF NO	PART NO	DESCRIPTION	QTY
1	6002-0145	Quick Link	3
2	6020-0322	Chain, Elevator	1
3	0002-0639	Bolt, Hex 1/2 - 13 x 3 1/2"	1
4	6020-0342	Spring Mount	1
5	6020-0343	Turnbuckle	1
6	6004-0225	Spring	1
7	6004-0236	Cable Pulley	12
8	6001-0693	Pulley Shield, 1 1/2" Leg	9
9	6004-0424	Bushing, 1 17/32 x 1 x 7/8"	1
10	6030-0366	Pulley Shield, 1/2" Leg	2
11	6002-0149	Bushing, 1 21/32 x 1 x 7/8"	8
12	6020-0655	Cable, Elevator - Dump	1
13	6011-0101	Cable, Elevator - Lift 75"	1
14	6011-0099	Ring	1
15	6011-0098	Flat, Cable Anchor	1
16	6011-0161	Pulley Spacer	1
17	6001-1376	Pulley Shield, 1 3/16" Leg	1
18	6001-0691	Pulley, Bronze	2
19	6020-0315	Pulley Shield	1
20	6020-0325	Cable Elevator Lift	1
21	6011-0148	Bushing, 1 17/32 x 1 x 1 1/16"	1
22	6001-0712	Pulley Shield, Two Leg	1

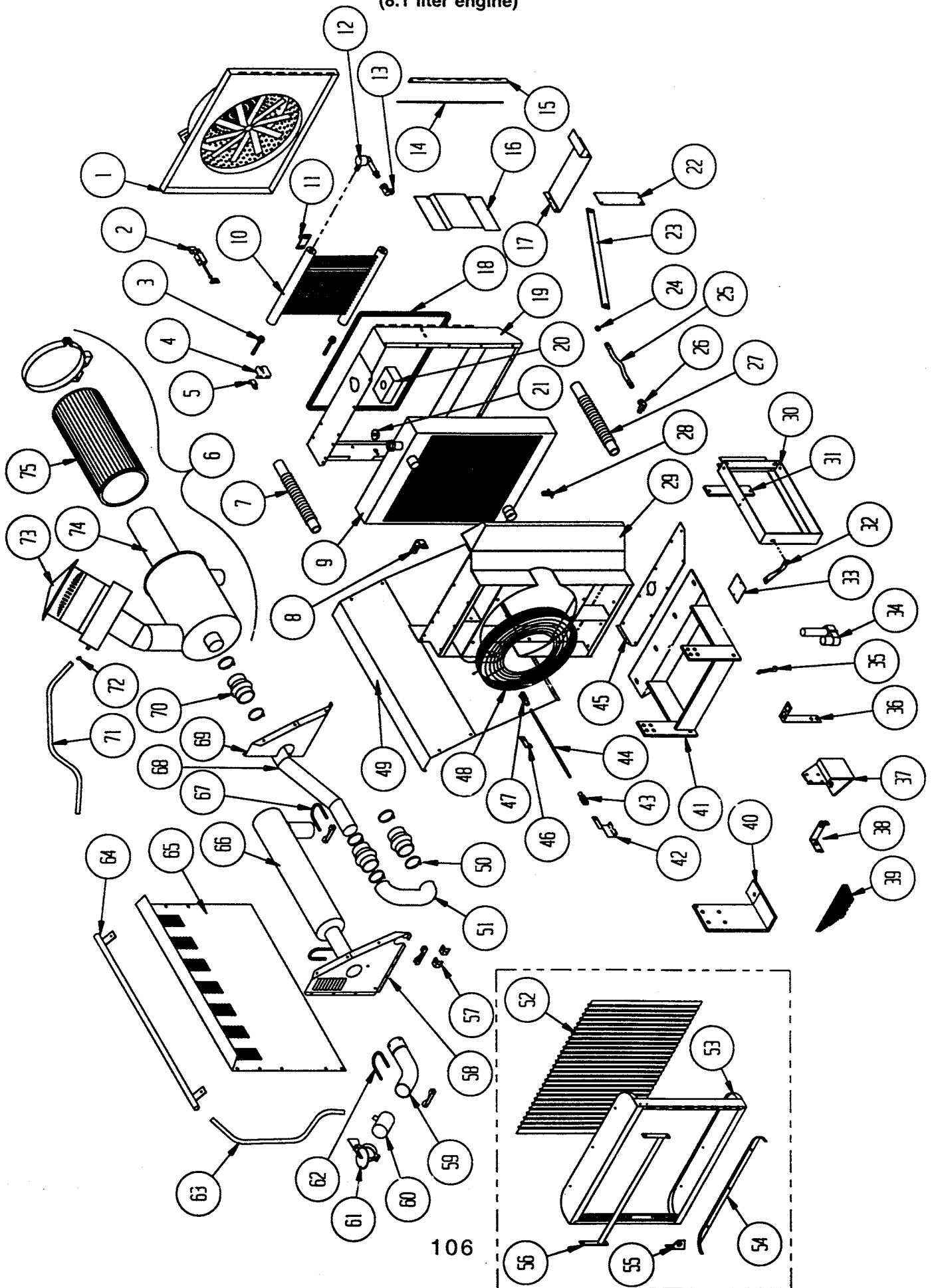
DUMP BOX



DUMP BOX

REF NO	PART NO	DESCRIPTION	QTY
1	6030-0122	Back Side Lip Sheet	1
2	6030-0125	Lip Side Rear Extension (Lower)	1
3	6030-0124	Lip Side Rear Extension	1
4	6002-0108	Dump Side Lip Extension	2
5	6030-0123	Back Side Sheet Extension	1
6	6030-0128	Lip Side Extension	1
7	6030-0127	Lip Side Front	1
8	6030-0130	Extension Box Front (Rubber)	1
9	6030-0107	Tee Weldment	1
10	6020-0736	Bumperette	1
11	6020-0737	Bumperette	1
12	6020-0733	Bumper Weldment	1
13	6030-0129	Lip Side Extension	1
14	6030-0126	Lip Side Front	1
15	0002-0326	Nut, Hex $\frac{5}{8}$ - 11	10
16	1004-0015	U-Bolt	5
17	6030-0114	Pivot Channel	5
18	6030-0120	Bumper - Pivot Channel	5
19	6002-0039	Horizontal Brace (Box Side)	2
20	6030-0106	Side Sheet	2
21	6030-0121	Dump Side Sheet (Lip)	1
22	6030-0100	Tub Bottom	1
23	6030-0105	Box End	2
24	6030-0461	Backup Plate, Rubber Flap	1
25	6030-0393	Corner Brace	1
26	6030-0394	Corner Brace	1
27	6030-0119	Horizontal Brace - Box Ends	2
28	1027-0098	Rub Bar	2
29	6030-0118	Channel	5
30	6030-0108	Tee Weldment	1
31	6011-0147	Pin, Hydraulic Cylinder	2
32	3000-0287	Decal, Pixall	2
33	3000-0280	Decal, Cornstalker DB18	2
34	6020-0974	Dump Flap	1

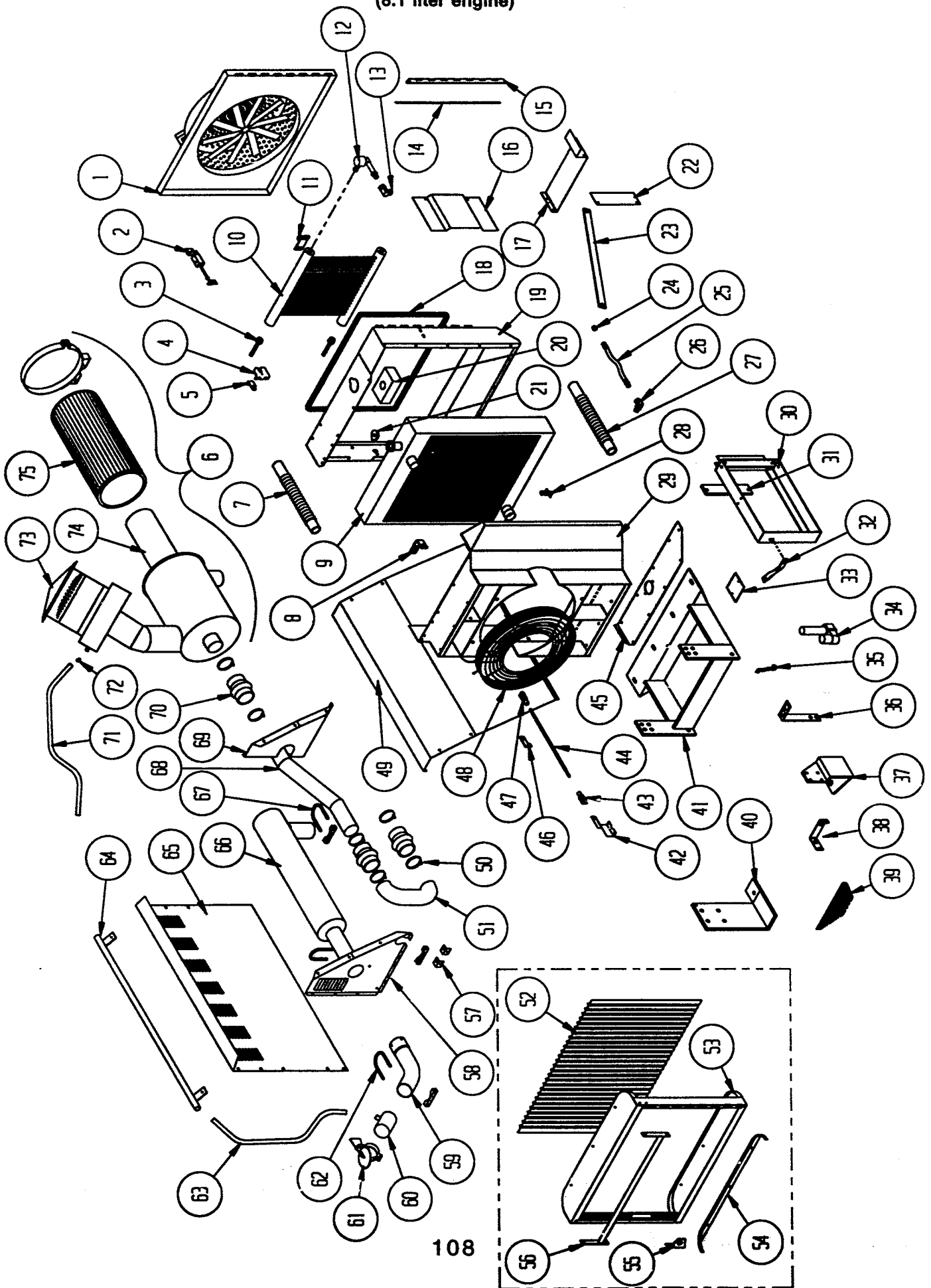
ENGINE ATTACHMENTS
(8.1 liter engine)



ENGINE ATTACHMENTS
(8.1 liter engine)

REF NO	PART NO	DESCRIPTION	QTY
1	6020-0822	Rotary Screen Complete	1
2	6020-0928	Latch Assembly	1
3	6020-0422	Plug Cooler Support	2
4	6020-0425	Catch Oil Cooler	2
5	6020-0426	Latch Oil Cooler	2
6	6020-1092	Air Cleaner Assembly	1
7	6030-0996	Radiator Hose, Upper	1
8	6020-0729	Extension Bracket	1
9	6020-1024	Radiator	1
10	6001-0598	Oil Cooler	1
11	7002-0409	Door Stop	1
12	6020-0421	Hyd Ftg, 16JICM Blkhd - Swivel - 16ORBM	2
13	6005-0538	Hydraulic Ftg, 16JICF-90° EI-16JICM	-1
14	7002-0388	Pin Door Hinge	1
15	7002-0528	Hinge Rotary Screen	1
16	6020-0981	Engine Shield, Upper Front	1
17	6020-0980	Engine Shield, Upper Side	1
18	7002-0380	Sealer Strip Radiator Door	1
19	6020-1010	Grill	1
20	7002-0379	Seal Radiator Neck	1
21	7002-0545	Radiator Cap	1
22	6020-0979	Engine Shield, Lower Front	1
23	6020-0905	Brace	2
24	1013-0315	Pipe Cap, 8NPT	1
25	1013-0157	Hose	1
26	6005-0073	Hyd Ftg, Elbow 90° Adj 10JICM-10ORBM	1
27	6030-1037	Radiator Hose, Lower	1
28	7001-0679	Drain Valve	1
29	6020-0859	Radiator Support	1
30	6003-0389	Frame, Electrical Box	1
31	6020-0927	Flat, Spacer	1
32	6020-0444	Support, Electrical Box	1
33	7002-0331	Cover	1
34	6010-0430	Actuator Linear	1
35	6030-1034	Throttle Bracket	1
36	6020-0443	Bulkhead	1
37	6030-1039	Rear R.H. Engine Mount	1
38	6001-1468	Battery Lockout Bracket	1
39	6020-1123	Bell Housing Cover	1
40	6030-1041	Rear L.H. Engine Mount	1
41	6030-1043	Front Engine Mount	1
42	7002-0391	Tie Rod Bracket	1
43	6001-0347	Clevis R.H. Thread	1
44	6020-0430	Tie Rod	1
45	6020-0446	Bottom Panel	1
46	6020-0833	Bracket, Engine Cover	1
47	6020-0431	Clevis L.H. Thread	1
48	7002-0444	Fan Guard	1
49	6030-1049	Front Engine Cover	1

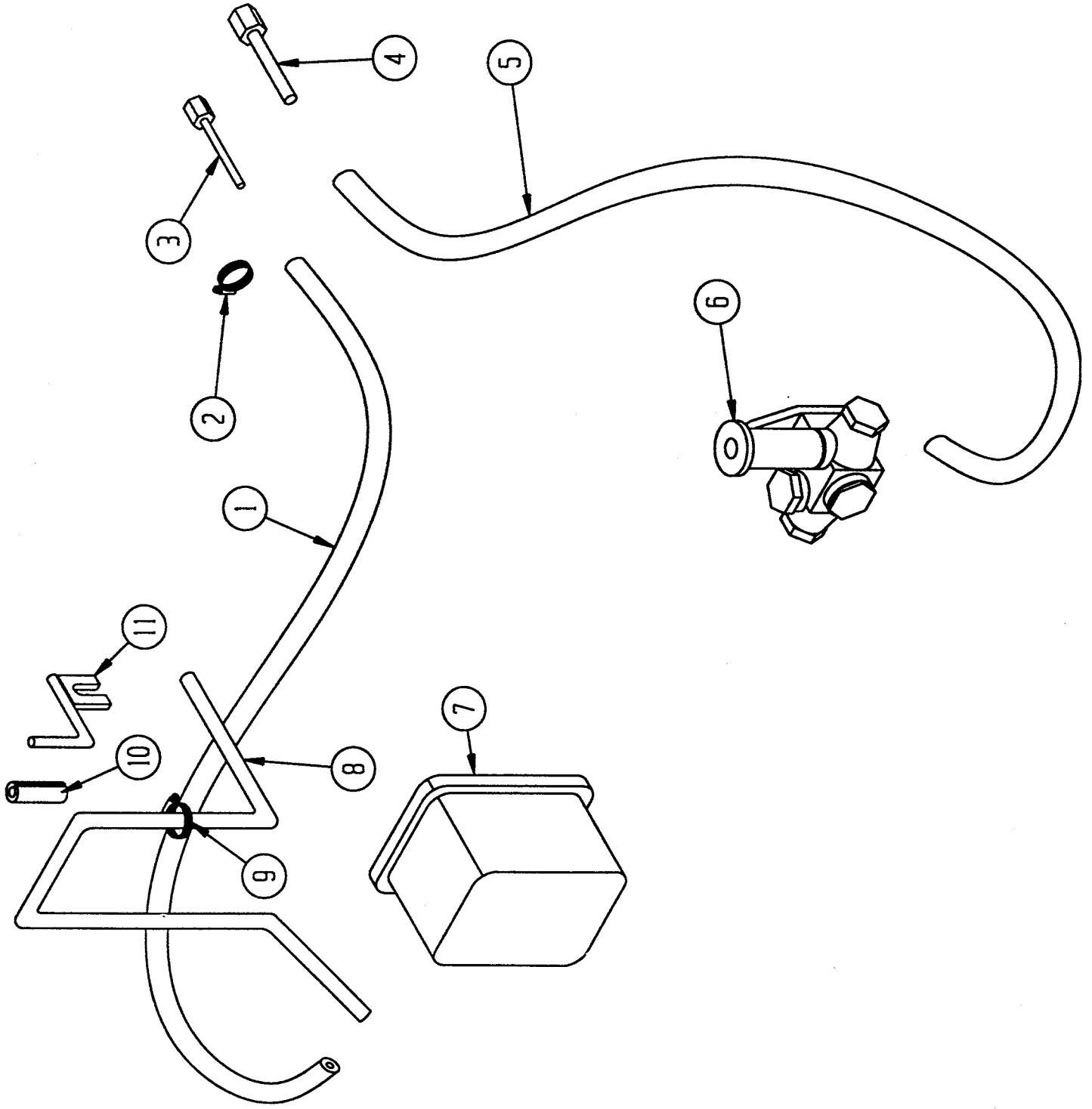
ENGINE ATTACHMENTS (Continued)
(8.1 liter engine)



ENGINE ATTACHMENTS (Continued)
(8.1 liter engine)

REF NO	PART NO	DESCRIPTION	QTY
50	6001-0602	Hose Clamp	6
51	6020-0404	180° Elbow	1
52	6030-0281	Screen	1
53	6030-1017	Radiator Door	1
54	6030-0302	Clamp	2
55	6030-0370	Plate, Door Alignment	1
56	6030-0299	Spreader	1
57	6002-0218	Mounting Angle	2
58	6030-1048	Engine Cover Side	1
59	6020-1146	Exhaust 45° Elbow	1
60	6020-1026	5" Aspirator	1
61	6020-1021	Rain Cap	1
62	6020-1013	Exhaust Clamp 5"	2
63	6020-1028	Flex Tube	2
64	6020-1094	Aspirator Tube	1
65	6030-1050	Engine Cover Backplate	1
66	6020-1011	Muffler	1
67	7001-0213	Muffler Clamp 4"	1
68	6030-1052	Air Inlet	1
69	6030-1047	Engine Cover, Side	1
70	7001-0196	Connector Hose	3
71	6020-1028	Flex Tube	2
72	6020-1145	Flex Hose Clamp	4
73	6020-1025	Pre-Cleaner	1
74	6020-1023	Air Filter, Inner	A/R
75	6020-1022	Air Filter, Outer	A/R
NS	6020-1027	Aspirator Elbow	1

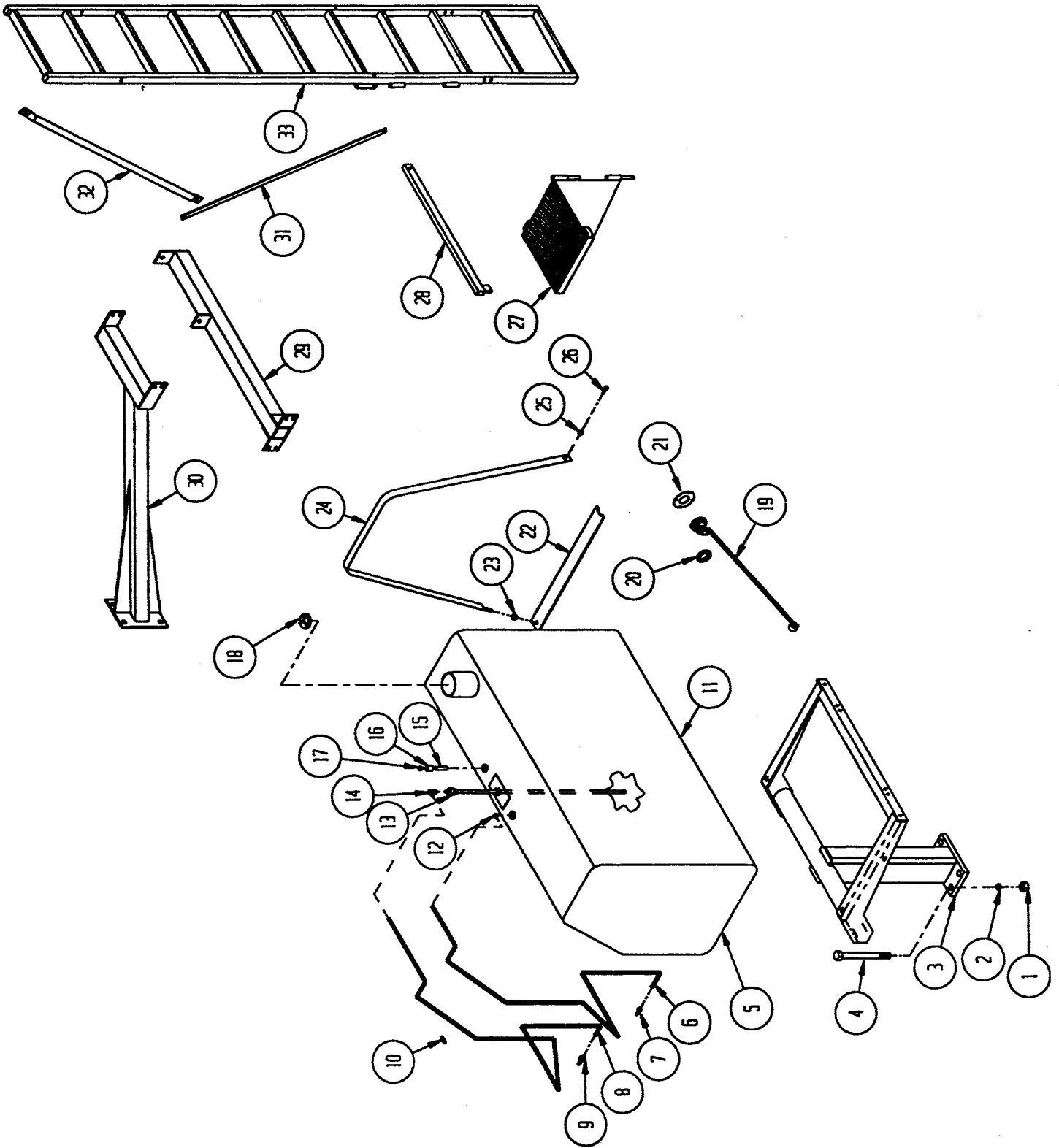
FUEL FILTER & PUMP



FUEL FILTER & PUMP

REF NO	PART NO	DESCRIPTION	QTY
1	6005-0233	Fuel Line, Return ¼ x 72"	1
2	1013-0394	Hose Clamp	4
3	6005-0139	Tube ¼" w/ Nut & Sleeve	1
4	6005-0140	Tube ⅜" w/ Nut & Sleeve	1
5	6005-0911	Fuel Line, Suction ⅜ X 60"	1
6	6020-1169	Fuel Pump	1
7	6020-1155	Fuel Filter	1
8	6020-1156	Fuel Tube	1
9	1013-0394	Hose Clamp	1
10	6001-0658	Grommet	1
11	6020-0561	Bracket, Return Fuel Tube	1

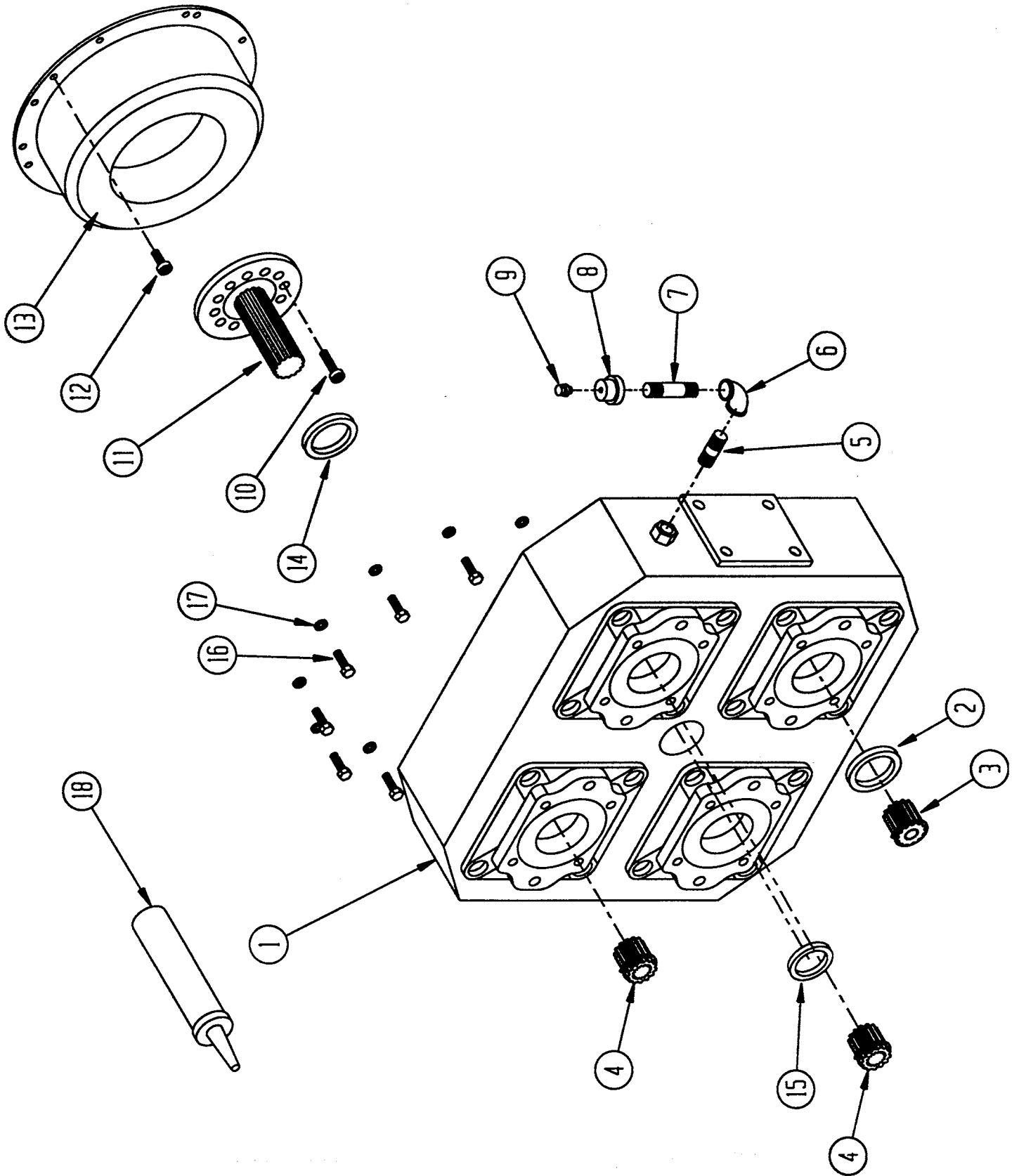
FUEL TANK



FUEL TANK

REF NO	PART NO	DESCRIPTION	QTY
1	0002-0237	Nut, Hex 1"-8	4
2	0002-0268	Washer, Split Lock 1"	4
3	6030-0591	Saddle Frame, 200 Gal.	1
4	0002-0838	Bolt, Hex 1"-8 x 11"	4
5	6030-1128	Fuel Tank, 200 Gallon	1
6	6005-1499	Fuel Line, Return	1
7	6005-0032	Hyd Ftg, Tube Union #4 JICM x 2	1
8	6005-1498	Fuel Line, Pressure	1
9	6005-0498	Hyd Ftg, Tube Union #6 JICM x 2	1
10	6001-0658	Grommet	6
11	6030-1128	Fuel Tank, 200 Gallon	1
12	6005-0033	Hyd Ftg, Elbow 90° 4JICM-4NPTM	1
13	6030-0605	Draw Tube	1
14	6005-0358	Hyd Ftg, Elbow, 90° 6JICF-6JICM	1
15	7002-0625	Breather Pipe, Long	1
16	7002-0624	Breather Pipe, Short	1
17	6015-0125	Breather	1
18	6015-0124	Fuel Cap, 4"	1
19	6020-0813	Fuel Sender, 33-330 Ω	1
20	6020-0814	O-Ring	1
21	6020-0809	Washer, Fuel Sender	1
22	6030-0616	Cushion, Fuel Tank	1
23	0002-0250	Nut, Serrated Flange 1/2"-13	2
24	6030-0608	Tank Band	2
25	0002-0248	Nut, Serrated Flange 3/8"-16	4
26	0002-0056	Bolt, Carriage 3/8"-16 x 1 1/4"	4
27	6015-0092	Weldment, Fueling Step	1
28	6030-1129	Weldment, Stop Arm	1
29	6030-1121	Lower Ladder Mount Weldment	1
30	6030-1119	Upper Brace Weldment	1
31	6030-1126	Lower Ladder Brace (flat)	1
32	6030-1125	Ladder Brace (pipe)	2
33	6030-1117	Ladder Weldment	1

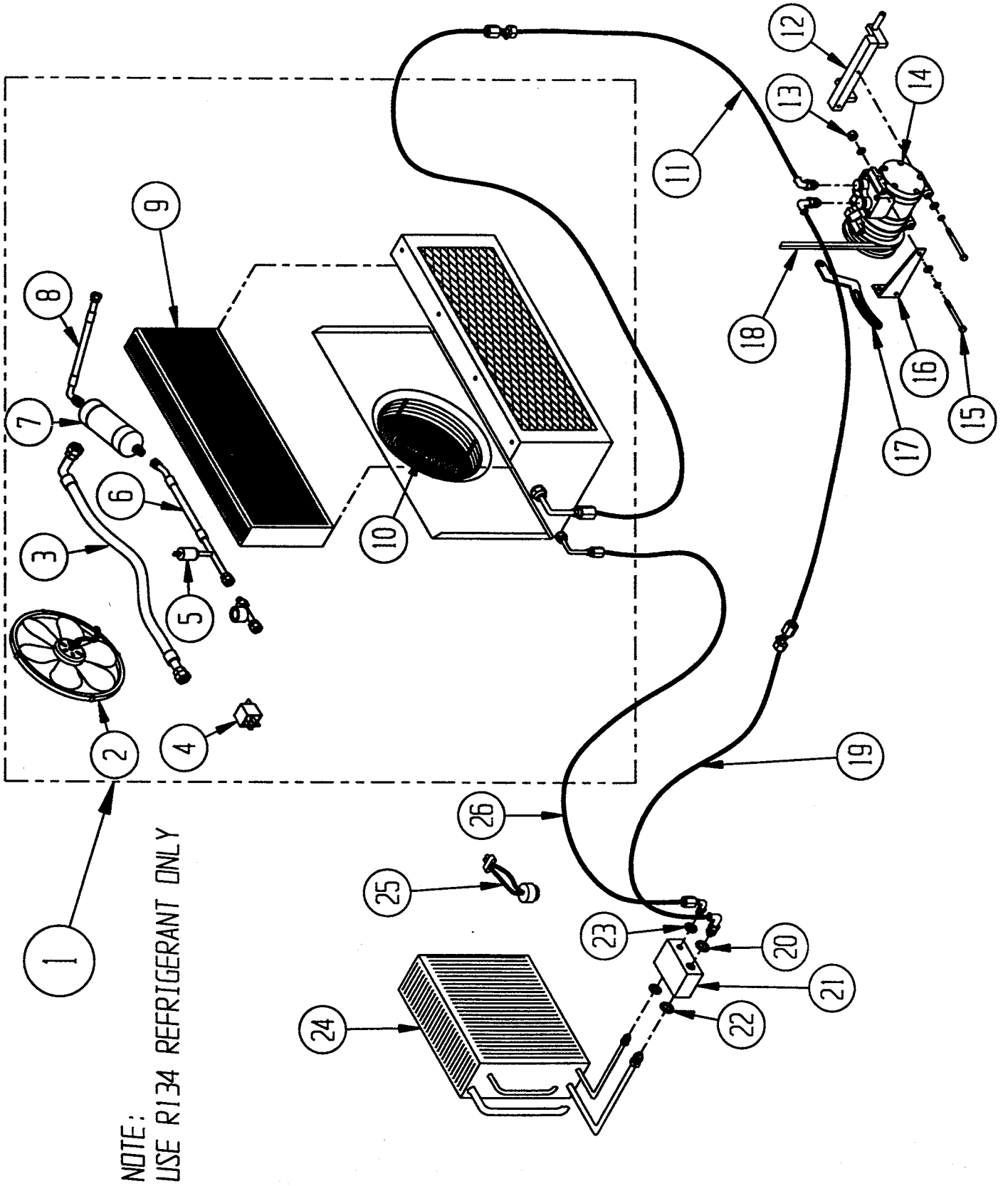
PUMP DRIVE



PUMP DRIVE

REF NO	PART NO	DESCRIPTION	QTY
1	6020-0836	Four Pad Pump Drive	1
2	1015-0212	Seal	4
3	6001-0971	Pump Coupling (B) Spline - Small	1
4	6001-0970	Pump Coupling (C) Spline - Large	2
5	1013-0418	Pipe Nipple, 3/4 NPT 2" Long	1
6	1013-0021	Elbow 90°, 3/4 NPT	1
7	1013-0419	Pipe Nipple, 3/4 NPT 3" Long	1
8	1013-0420	Cap, 3/4 NPT	1
9	1019-0401	Breather 1/8 NPT	1
10	0002-0834	Bolt, Socket Head 1/2" - 13 x 1"	12
11	6001-1372	Drive Plate	1
12	0002-0376	Bolt, Socket Head 3/8" - 16 x 1"	8
13	6001-1353	Coupler	1
14	1015-0239	Oil Seal	1
15	1015-0240	Oil Seal	1
16	0002-0111	Bolt, Hex 3/8 - 16 x 1 1/4"	12
17	0002-0261	Washer, Split Lock 3/8"	12
18	5500-0221	Spline Grease, Tube	1

AIR CONDITIONER

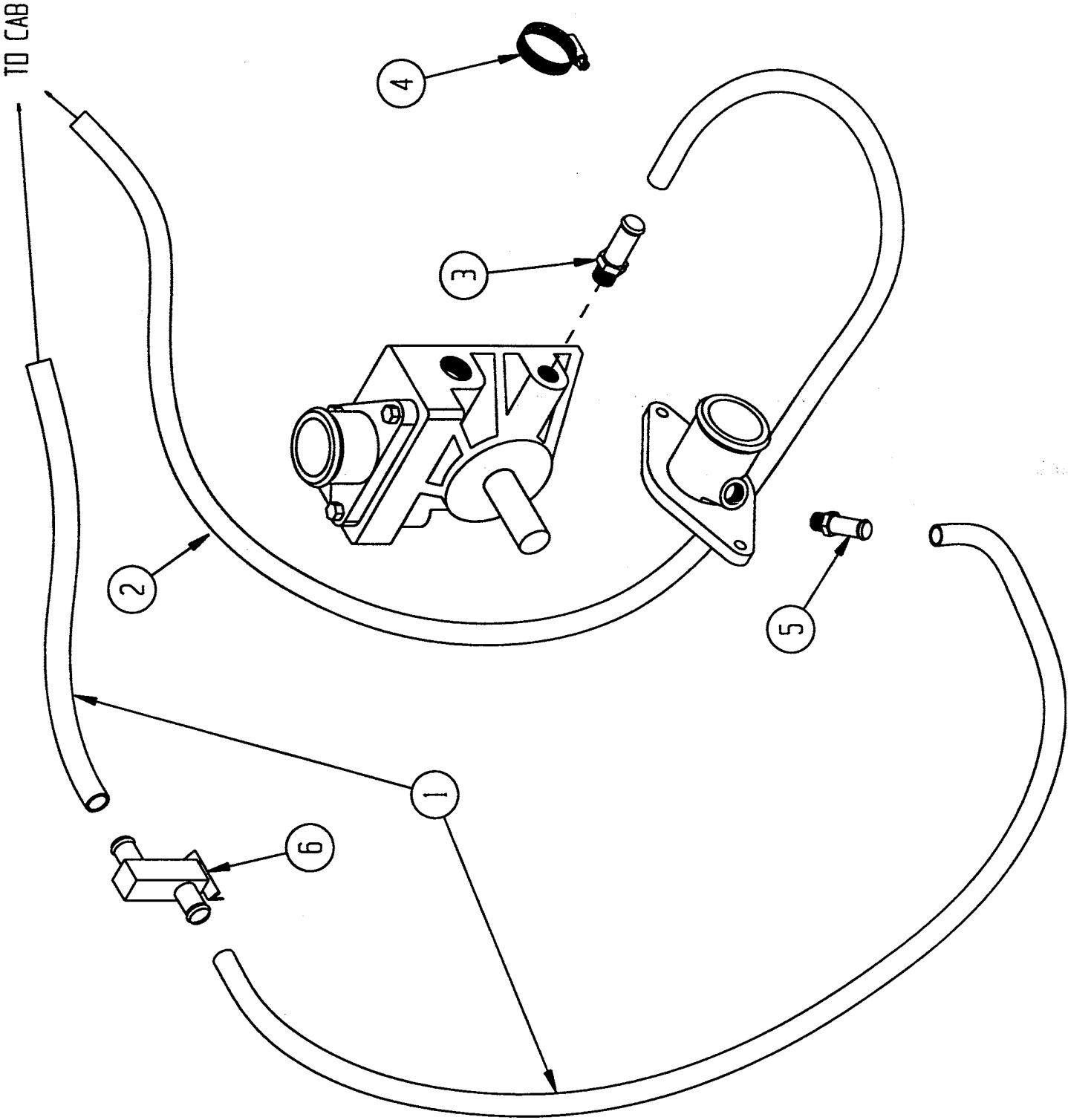


NOTE:
USE R134 REFRIGERANT ONLY

AIR CONDITIONER

REF NO	PART NO	DESCRIPTION	QTY
1	6007-0138	Condenser Unit Assembly	1
2	1040-1018	Motor-fan Assembly, 12 Volt	1
3	6007-0262	Hose Assembly, #8	1
4	6007-0088	Relay	1
5	1040-0806	Hi-Low Pressure Switch	1
6	6007-0264	Liquid Tube	1
7	6007-0219	Receiver Drier, In-Line	1
8	6007-0263	Hose Assembly, #6	1
9	6007-0221	Condenser Coil	1
10	1040-0809	Grill	1
11	6005-1323	Hose, Condenser to Compressor #8	1
12	6020-0902	Bracket, A/C Compressor (7.6 liter engine)	1
13	0002-0247	Nut, Hex $\frac{5}{16}$ " - 13 (7.6 liter engine)	2
14	6020-0798	A/C Compressor (7.6 liter engine)	1
	6020-1138	A/C Compressor (8.1 liter engine)	1
15	0002-0092	Bolt, Hex $\frac{5}{16}$ -13 x $3\frac{1}{2}$ " (7.6 liter engine)	4
16	6020-0828	Bracket, Adjustment (7.6 liter engine)	1
17	7002-0384	Strap, Adjustment (7.6 liter engine)	1
18	6020-0830	V-Belt (7.6 liter engine)	1
	6020-1139	V-Belt (8.1 liter engine)	1
19	6005-1322	Hose, Cab to Compressor #10	1
20	6005-1368	O-Ring #10	1
21	6007-0261	Expansion Valve	1
22	6005-1367	O-Ring #8	2
23	6005-1366	O-Ring #6	1
24	6007-0254	Evaporator	1
25	6007-0265	Switch Pressure, A/C	1
26	6005-1324	Hose, Condenser to Cab #6	1

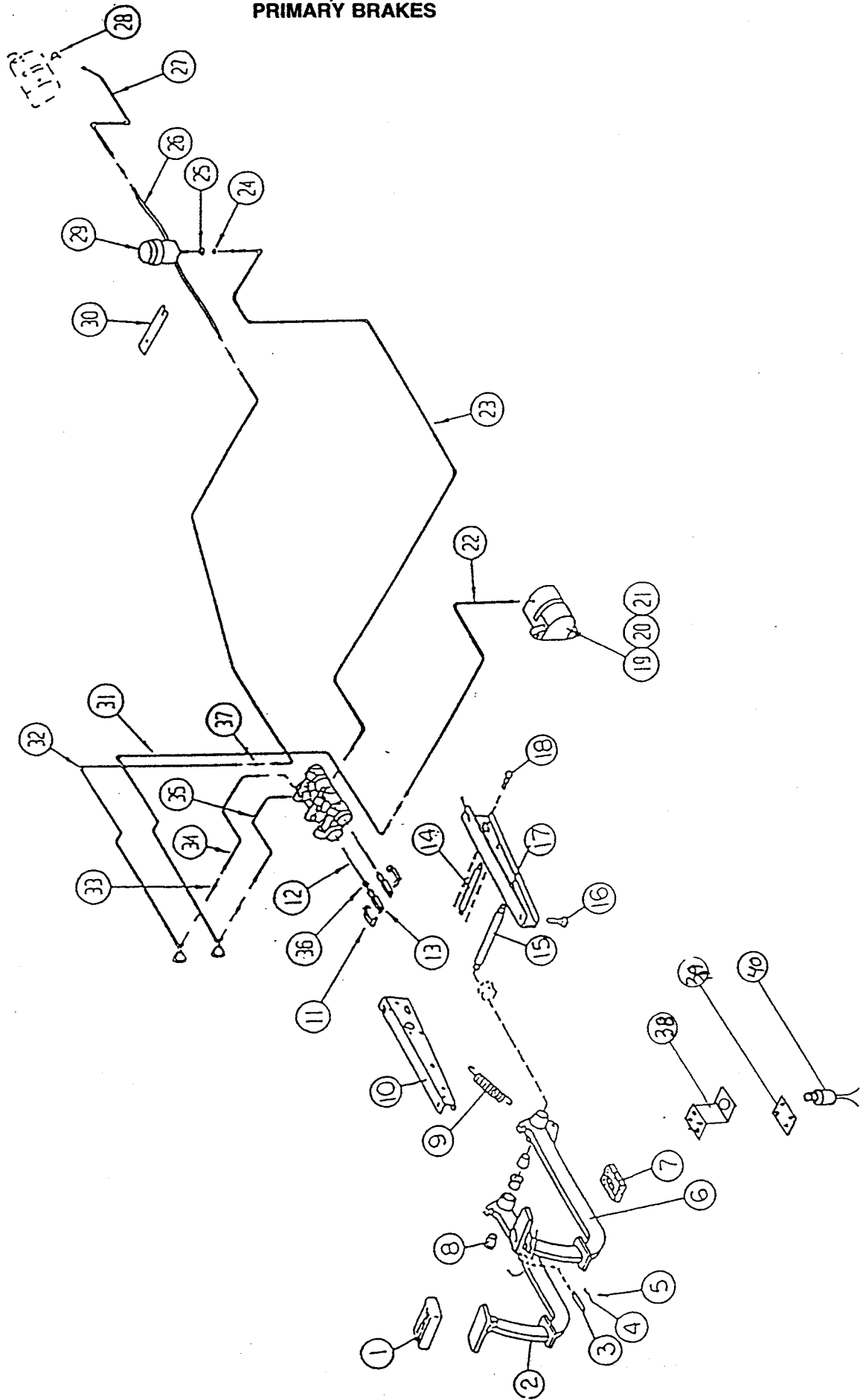
HEATER GROUP



HEATER GROUP

REF NO	PART NO	DESCRIPTION	QTY
1	6007-0044	Heater Hose, 5/8 x 240"	1
2	6005-1149	Heater Hose, 3/4 x 264"	1
3	6005-1079	Hydraulic Fitting, 8NPT Male - Straight - 3/4" Barb	1
4	6001-0625	Hose Clamp	6
5	6005-1869	Hydraulic Fitting, Strt Barb 5/8" Hose 8NPT	1
6	6001-0687	Water Valve	1

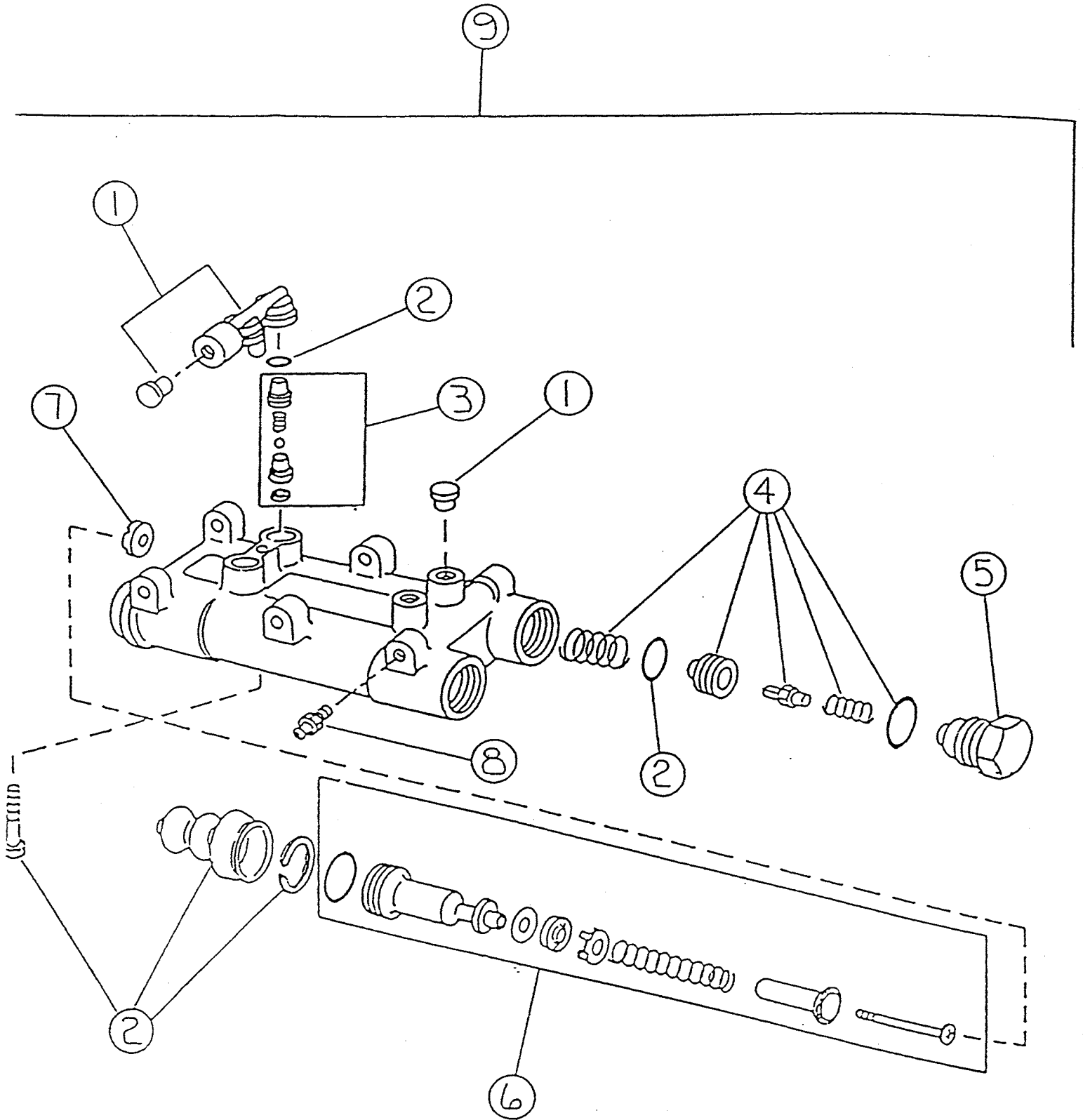
PRIMARY BRAKES



PRIMARY BRAKES

REF NO	PART NO	DESCRIPTION	QTY
1	6007-0243	Pad	2
2	6007-0252	Pedal, R.H.	1
3	6007-0251	Strap	1
4	6007-0250	Spring, Flat	1
5	0002-0291	Roll Pin 1/4 x 1"	1
6	6007-0248	Pedal, L.H.	1
7	6007-0249	Seal	2
8	6007-0241	Bushing	4
9	6007-0238	Spring	2
10	6007-0244	Support, R.H.	1
11	0002-0188	Bolt, Hex Head 3/8" x 4"	2
12	6007-0187	Push Rod	2
13	6007-0189	Yoke	2
14	6007-0246	Shaft	1
15	6007-0247	Shaft	1
16	0002-0778	Bolt, Flange M8 X 20	4
17	6007-0245	Support, L.H.	1
18	0002-0779	Bolt, Flange M10 X 20	4
19	6001-0354	Brake, Caliper	2
20	6001-0586	Repair Kit	AR
21	6001-0675	Brake Pad	4
22	6005-0922	Brake Line, Bulkhead to Front Brake Caliper	1
23	6005-1450	Brake Line, Reservoir to Master Cylinder	1
24	6005-1120	O-Ring	1
25	0002-0756	Nut, M10 - 1.50	1
26	7005-0385	Brake Hose, 78" Long	1
27	6005-1375	Brake Line, Bulkhead to Rear Caliper	1
28	6005-0272	Hydraulic Fitting, 4JIC Male - 90° Elbow - 4ORB Male	1
29	6005-1119	Reservoir, Brake Fluid	1
30	6030-0460	Mounting Bracket, Reservoir	1
31	6005-0921	Brake Line, Front	1
32	6005-0920	Brake Line, Rear	1
33	6005-0039	Bulkhead Union, Male #4	5
34	6005-0917	Brake Line, Master Cyl. to Bulkhead, Rear	1
35	6005-0918	Brake Line, Master Cyl. to Bulkhead, Front	1
36	0002-0756	Nut, M10 - 1.50	2
37	6005-0032	Hydraulic Fitting, 4JIC Male - Straight Union - 4JIC Male	1
38	6020-0924	Brake Light Bracket	1
39	6020-0925	Backup Plate	1
40	1040-0307	Switch, Brake Lights	1
41	0002-0522	Nut, Oval Lock 3/8"	2

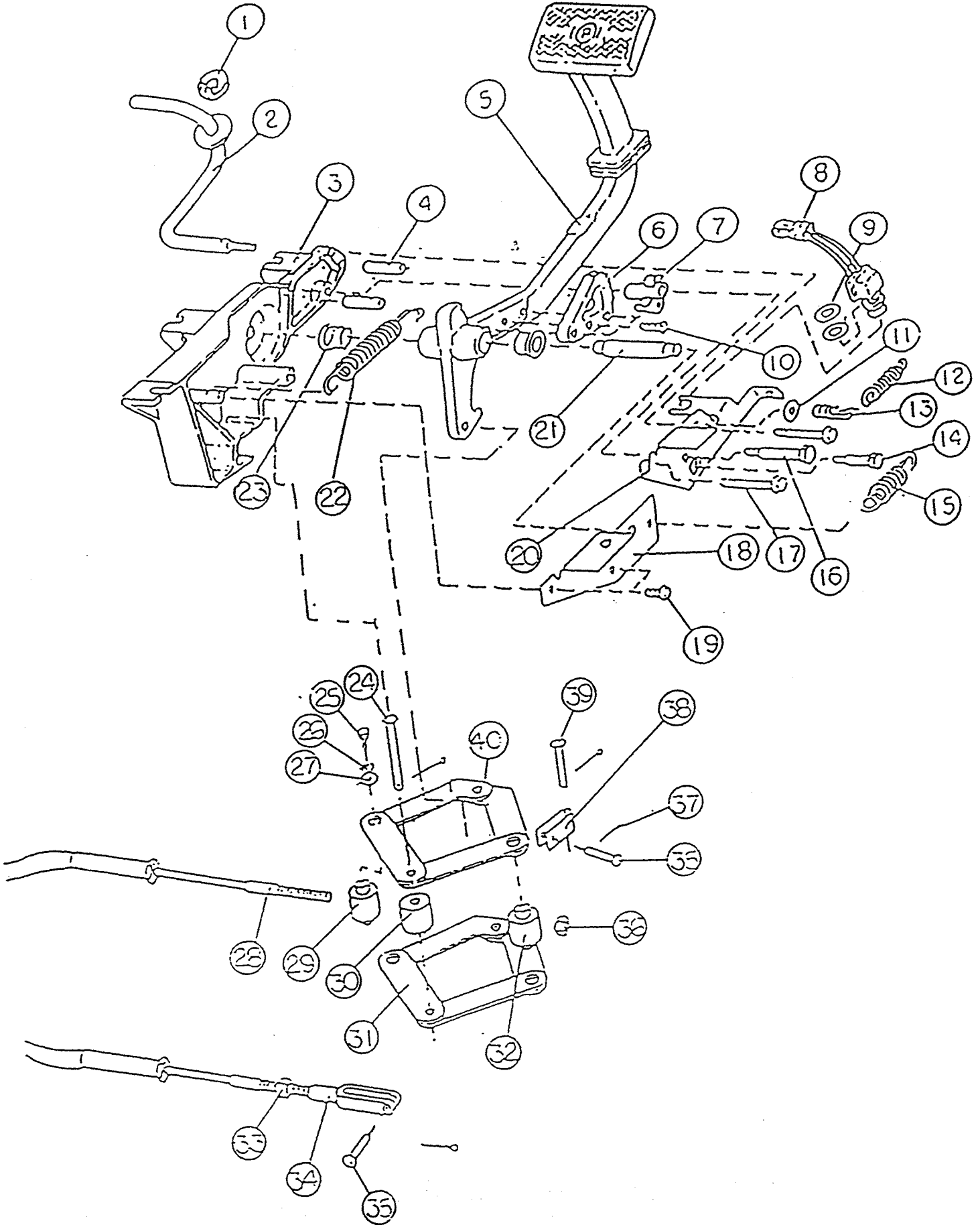
BRAKE MASTER CYLINDER



BRAKE MASTER CYLINDER

REF NO	PART NO	DESCRIPTION	QTY
1	6005-1175	Connector Master Cylinder	1
2	6005-1176	Master Cylinder Kit	1
3	6005-1177	Valve Assy Kit	1
4	6005-1178	Spring Kit	1
5	6005-1179	Fitting Plug	2
6	6005-1180	Piston Kit	2
7	6005-1183	Retainer	2
8	6005-1182	Bleed Screw	1
9	6005-1181	Master Cylinder, John Deere	1

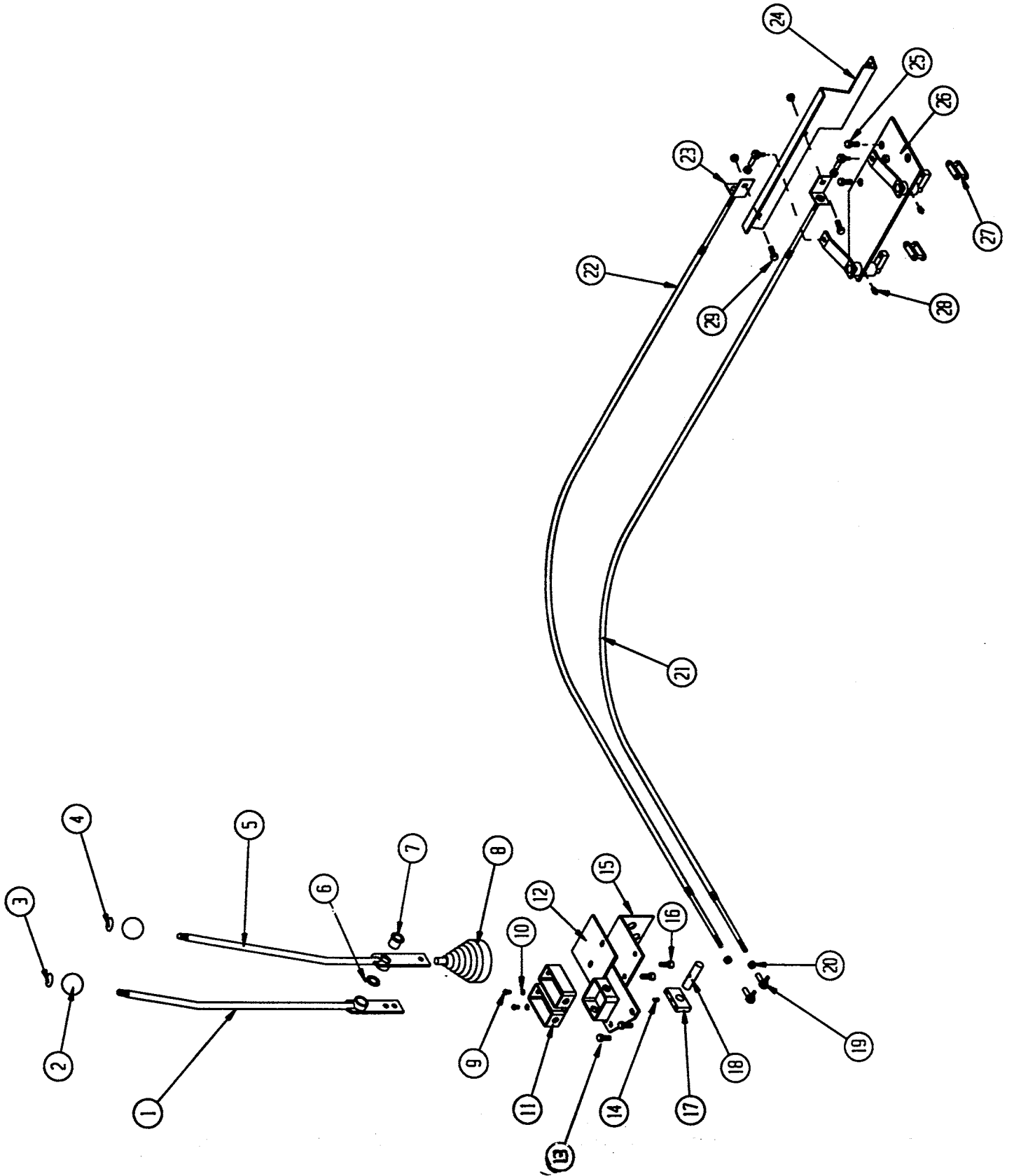
PARKING BRAKE



PARKING BRAKE

REF NO	PART NO	DESCRIPTION	QTY
1	6007-0226	Isolator	1
2	6007-0227	Arm	1
3	6007-0228	Frame, Parking Brake	1
4	6007-0229	Pipe	2
5	6007-0230	Pedal, Parking Brake	1
6	6007-0231	Ratchet	1
7	6007-0232	Pawl	1
8	6007-0233	Switch	1
9	0002-0794	Washer	2
10	0002-0795	Screw	3
11	0002-0002	Washer, Flat 3/8"	1
12	6007-0236	Spring	1
13	6007-0237	Hook	1
14	0002-0796	Bolt, Hex Head	1
15	6007-0238	Spring	1
16	0002-0797	Bolt, Hex Head	1
17	0002-0798	Bolt, Hex Head	2
18	6007-0239	Plate	1
19	0002-0765	Bolt, Hex Head	2
20	6007-0235	Plate	1
21	6007-0234	Pin	1
22	6007-0240	Spring	1
23	6007-0241	Bushing	2
24	0002-0831	Clevis Pin, #/8 x 2"	1
25	0002-0073	Bolt, Hex 1/4 - 20 X 3/4"	4
26	0002-0043	Washer, Split Lock 1/4"	4
27	0002-0059	Washer, Flat 1/4"	4
28	6020-0384	Brake Cable	1
29	6030-0093	Trunnion Conduit End	1
30	6030-0094	Spacer, Brass	1
31	6030-0091	Link, Rear	4
32	6030-0092	Trunnion, Cable End	1
33	0002-0388	Nut, Hex 3/8" - 24	1
34	6001-0588	Yoke	1
35	0002-0425	Clevis Pin	1
36	0002-0523	Nut, Oval Lock 3/8" - 24	1
37	0002-0277	Cotter Pin 1/8 x 1 1/2"	4
38	6007-0242	Clevis	1
39	0002-0832	Clevis Pin 5/16 X 2 3/4"	1

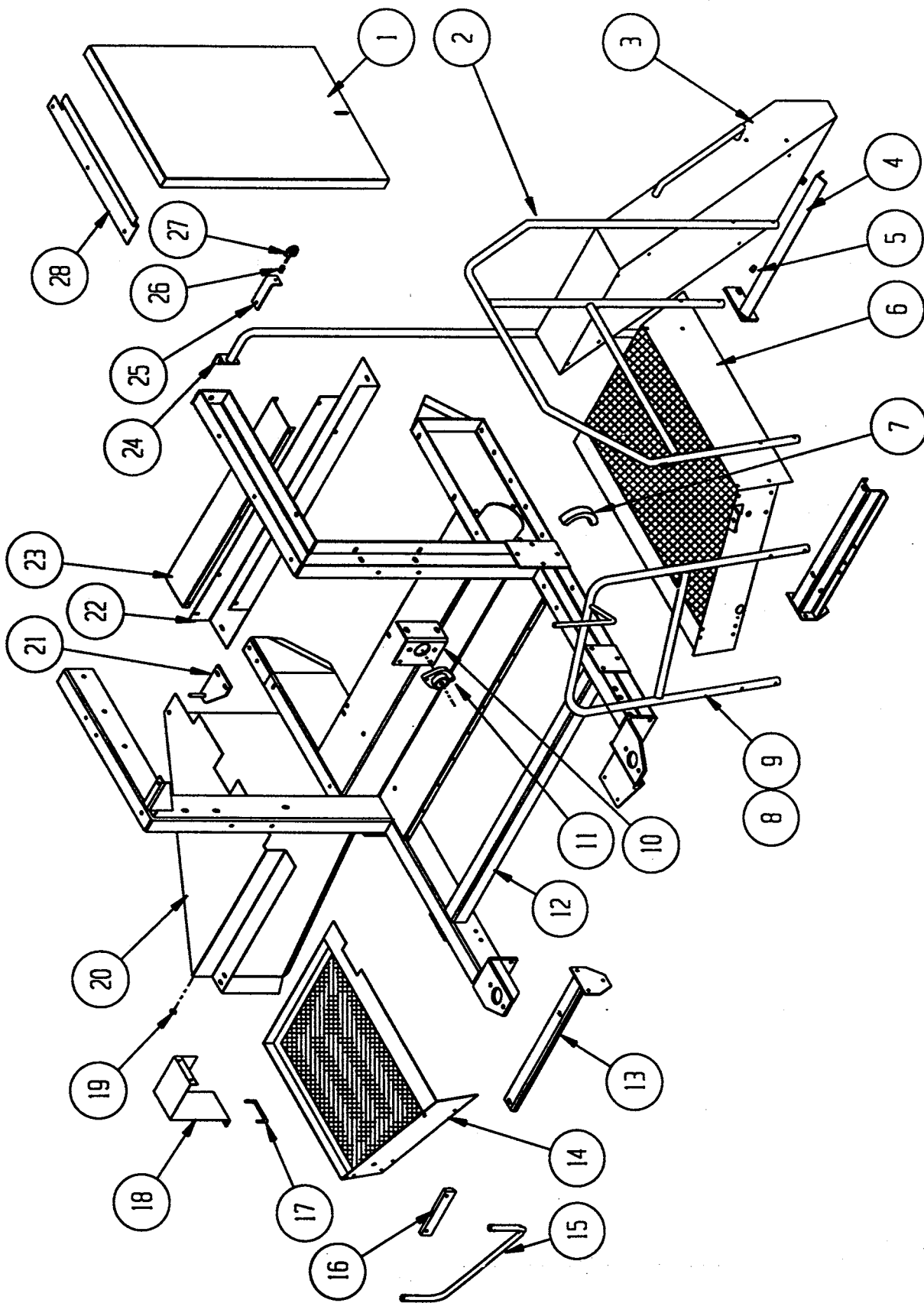
GEAR SHIFT CONTROL



GEAR SHIFT CONTROL

REF NO	PART NO	DESCRIPTION	QTY
1	6020-0204	Shifter Lever, Long	1
2	6001-0768	Shifting, Knob	2
3	3000-0318	Decal "1st - 2nd"	1
4	3000-0319	Decal "Hi - Low"	1
5	6020-0205	Shifting Lever, Short	1
6	0002-0455	Washer Machine 1/16" x 3/4"	2
7	6001-0365	Bushing Plastic	5
8	7001-0315	Boot	2
9	0002-0483	Bolt Slit Rnd Hd 1/4" - 20	2
10	0002-0043	Washer Split Lock 1/4"	2
11	6020-0186	Cover, Weldment	1
12	6020-0189	Shifting Box	1
13	0002-0778	Bolt, M8 X 1.25 X 20 GR. 8.8 Zinc	4
14	0002-0567	Screw Set 1/4 - 20	1
15	6030-0575	Bracket, Transmission Cable	1
16	0002-0778	Bolt, M8 X 1.25 X 20 GR. 8.8 Zinc	4
17	6020-0184	Spacer Block	1
18	6020-0185	Pin	1
19	6001-0351	Rod End 3/8 - 24 R.H.	4
20	0002-0388	Hex Nut 3/8 -24 R.H.	12
21	6030-0572	Transmission Cable, 164"	1
22	6030-0571	Transmission Cable, 153"	1
23	6020-0892	Cable Bracket	2
24	6020-0891	Cable Mounting, Transmission	1
25	0002-0169	Bolt, Hex 5/8 x 1 1/4"	2
26	6001-1035	Transmission Shifter	1
27	1019-0483	Connector Link	2
28	1015-0027	Grease Zirk	5
29	0002-0031	Bolt, Hex 3/8 x 3/4"	2

PLATFORM ASSEMBLY GROUP



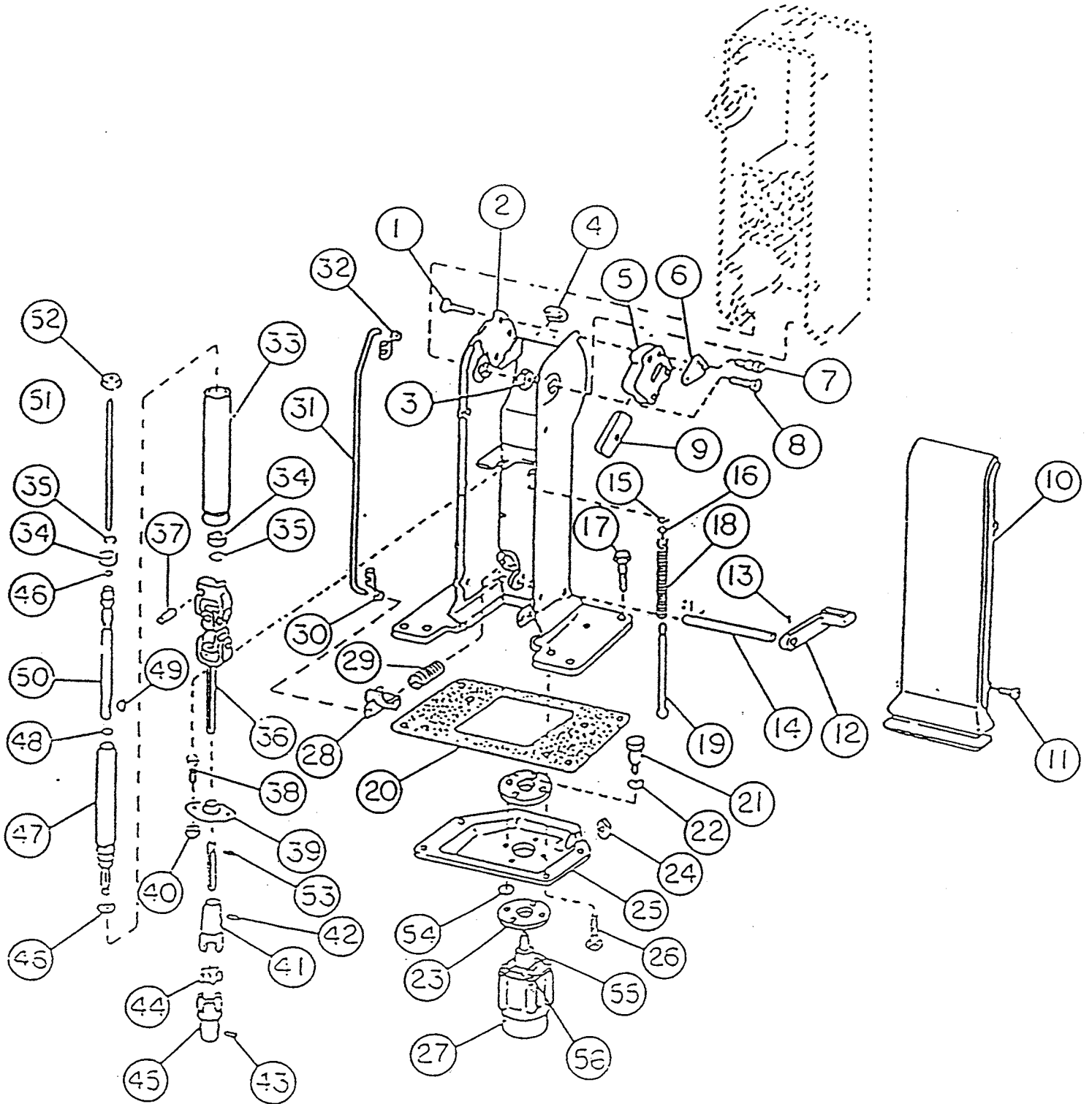
PLATFORM ASSEMBLY GROUP

REF NO	PART NO	DESCRIPTION	QTY
1	6020-0664	Shield, Weldment	1
2	6020-0947	Handrail, Staircase	1
3	6020-0948	Staircase	1
4	6020-0245	Stairway Support	1
5	6001-0327	3/8" Rubber Mount	2
6	6020-0091	Platform L.H.	1
7	1027-0089	Bumper, Door Stop	2
8	6020-0105	Hand Rail L.H.	1
9	6020-0102	Hand Rail, R.H.	1
10	6020-0080	Angle, Body Mounting	2
11	6007-0192	Rubber Cab Mount	2
12	6020-0044	Cab & Fan Frame	1
13	6020-1002	Platform Arm	4
14	6020-0084	Platform, R.H.	1
15	6020-1167	Hose Guard Tube	1
16	1027-0104	Rub Rail	1
17	6007-0269	U-Bolt	1
18	6007-0268	Cover, AMP Connector	1
19	6010-0758	1" Hole Plug	1
20	6020-0258	Side Shield	1
21	6020-0264	Hinge, Top	1
22	6030-0373	Electrical Trough	1
23	6030-0374	Electrical Trough Cover	1
24	6020-0270	Handrail Weldment	1
25	6020-0666	Shield, Stop	1
26	1025-0004	Spring	1
27	6020-0667	Ear	1
28	6020-0670	Shield, Mounting	1

LOWER STEERING COLUMN

REF NO	PART NO	DESCRIPTION	QTY
1	0002-0742	Screw	3
2	6007-0154	Housing	1
3	0002-0756	Nut	2
4	6007-0155	Bumper	1
5	6007-0156	Housing	1
6	6007-0157	Crank	1
7	0002-0757	Bolt	2
8	0002-0741	Bolt	2
9	6007-0158	Pawl	1
10	6007-0159	Cover	1
11	0002-0746	Screw	4
12	6007-0160	Pedal	1
13	0002-0760	Spring Pin	2
14	6007-0161	Shaft	1
15	1016-0238	Snap Ring	1
16	0002-0761	Washer	1
17	0002-0744	Screw	4
18	1025-0020	Spring	1
19	6007-0162	Rod	1
20	1021-0196	Sealant	1
21	0002-0763	Bolt	4
22	0002-0764	Washer	4
23	1027-0090	Isolator	2
24	1021-0197	Grommet	1
25	6007-0163	Support	1
26	0002-0765	Screw	4
27	6005-0015	Steering Orbitrol	1
28	6007-0164	Arm	1
29	1025-0021	Spring	1
30	6007-0165	Clip	1
31	6007-0166	Rod	1
32	6007-0167	Clip	1
33	6007-0168	Housing	1
34	1015-0234	Ball Bearing	2
35	1016-0239	Snap Ring	2
36	1015-0235	Universal Joint, With Shaft	1
37	0002-0766	Spring Pin	1
38	0002-0767	Screw	2
39	1015-0236	Bearing	1
40	0002-0768	Flange Nut	2
41	6007-0169	Coupling	1
42	0002-0769	Cap Screw	1
	0002-0770	Lock Nut	1
43	0002-0727	Set Screw	2
44	1027-0091	Isolator	1
45	6007-0170	Splined Coupling	1

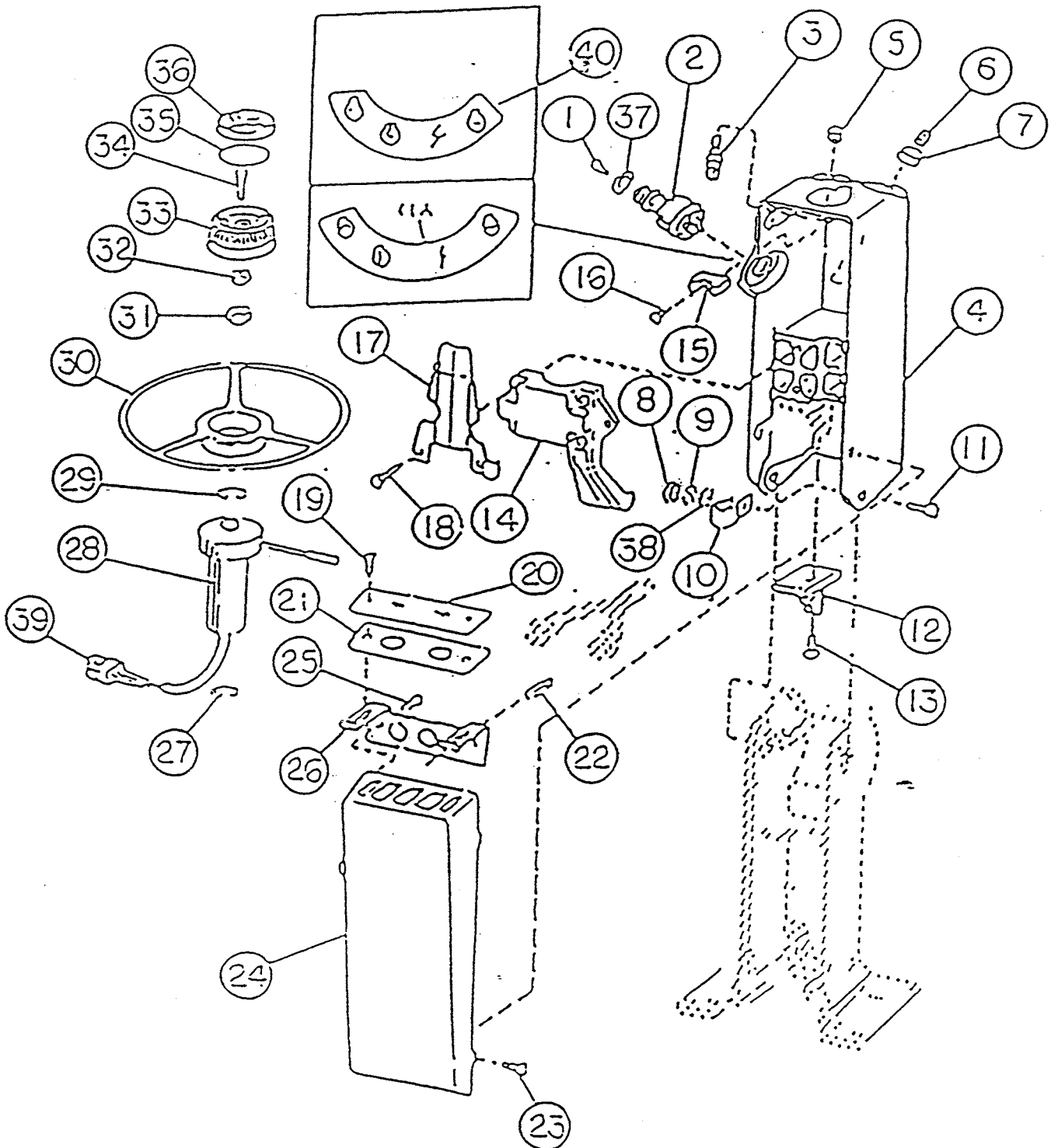
LOWER STEERING COLUMN (Continued)



LOWER STEERING COLUMN (Continued)

REF NO	PART NO	DESCRIPTION	QTY
46	0002-0772	Washer	2
47	6007-0171	Steering Wheel Shaft	1
48	6005-1219	O-Ring	1
49	0002-0773	Shaft Key	1
50	6007-0172	Steering Wheel Shaft	1
51	6007-0173	Rod	1
52	0002-0774	Nut	1
53	0002-0775	Spring Pin	1
54	0002-0776	Washer	4
55	6007-0127	Steering Column Adapter	1
56	0002-0779	12 Point Bolt	4

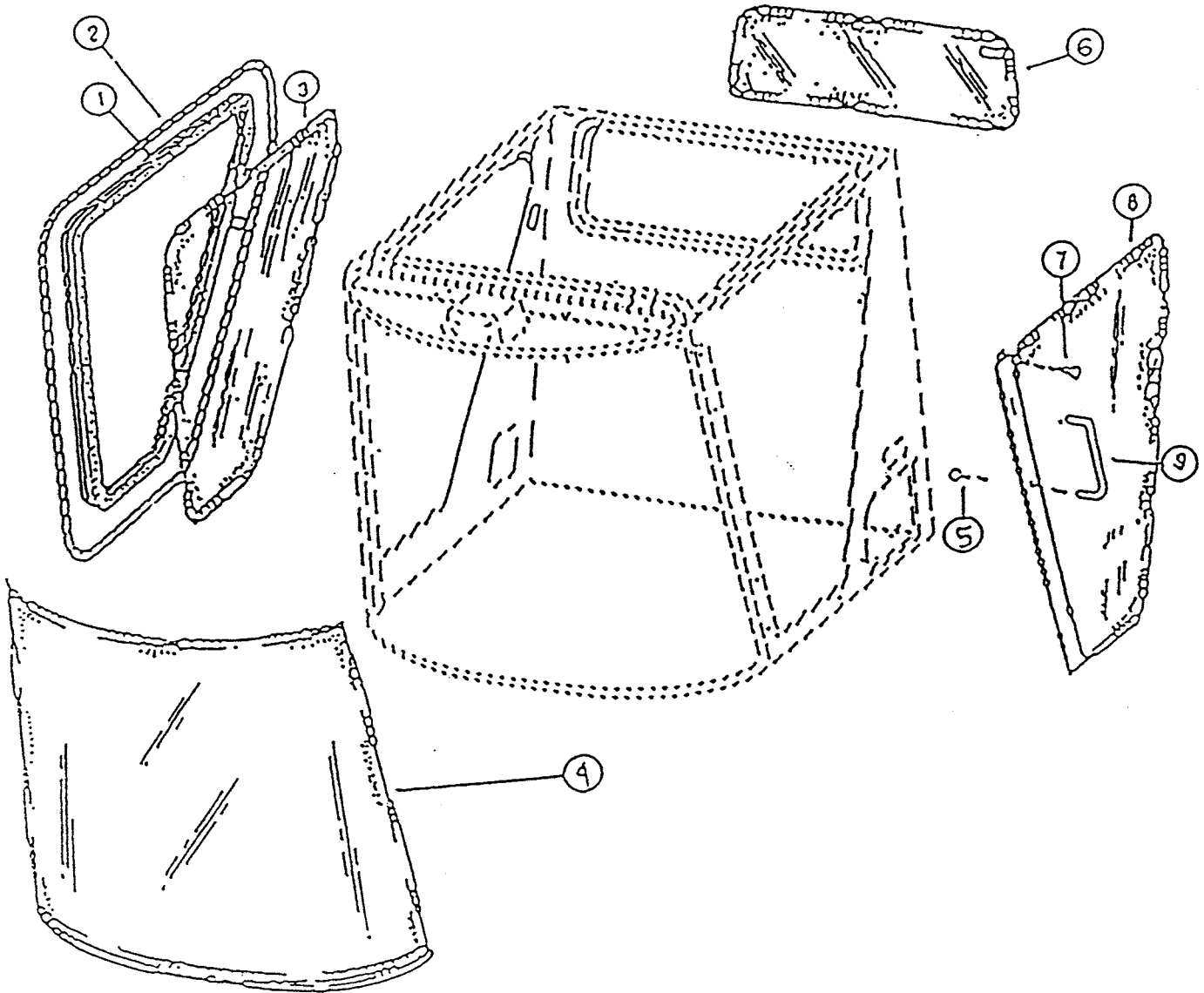
UPPER STEERING COLUMN



UPPER STEERING COLUMN

REF NO	PART NO	DESCRIPTION	QTY
1	6007-0137	Key	1
2	1040-0764	Switch	1
3	1040-0765	Switch	1
4	6007-0139	Housing	1
5	6007-0140	Cap	1
6	6007-0141	Cap	1
7	6007-0142	Guard	1
8	0002-0738	Nut	2
9	0002-0739	Lock Washer	2
10	0002-0740	Clip	1
11	0002-0741	Bolt	2
12	6007-0143	Gear	1
13	0002-0742	Screw	2
14	6007-0144	Clamp	1
15	6007-0145	Guide	1
16	6007-0743	Screw	1
17	6007-0146	Guard	1
18	0002-0744	Screw	4
19	0002-0745	Screw	1
20	6007-0147	Panel	1
21	6007-0148	Panel	1
22	1040-0766	Bulb	1
23	0002-0746	Screw	4
24	6007-0149	Cover	1
25	0002-0747	Screw	2
26	6007-0150	Retainer	1
27	1016-0237	Snap Ring	1
28	1040-0767	Switch	1
29	1016-0237	Snap Ring	1
30	6007-0151	Steering Wheel	1
31	0002-0749	Nut	1
32	0002-0749	Nut	1
33	6007-0152	Knob	1
34	0002-0752	Cap Screw	1
35	6005-1220	O-Ring	1
36	6007-0153	Cap	1
37	0002-0753	Nut	1
38	0002-0754	Washer	1
39	1040-0622	Connector	1
40	3000-0284	Label	1
	3000-0285	Label	1

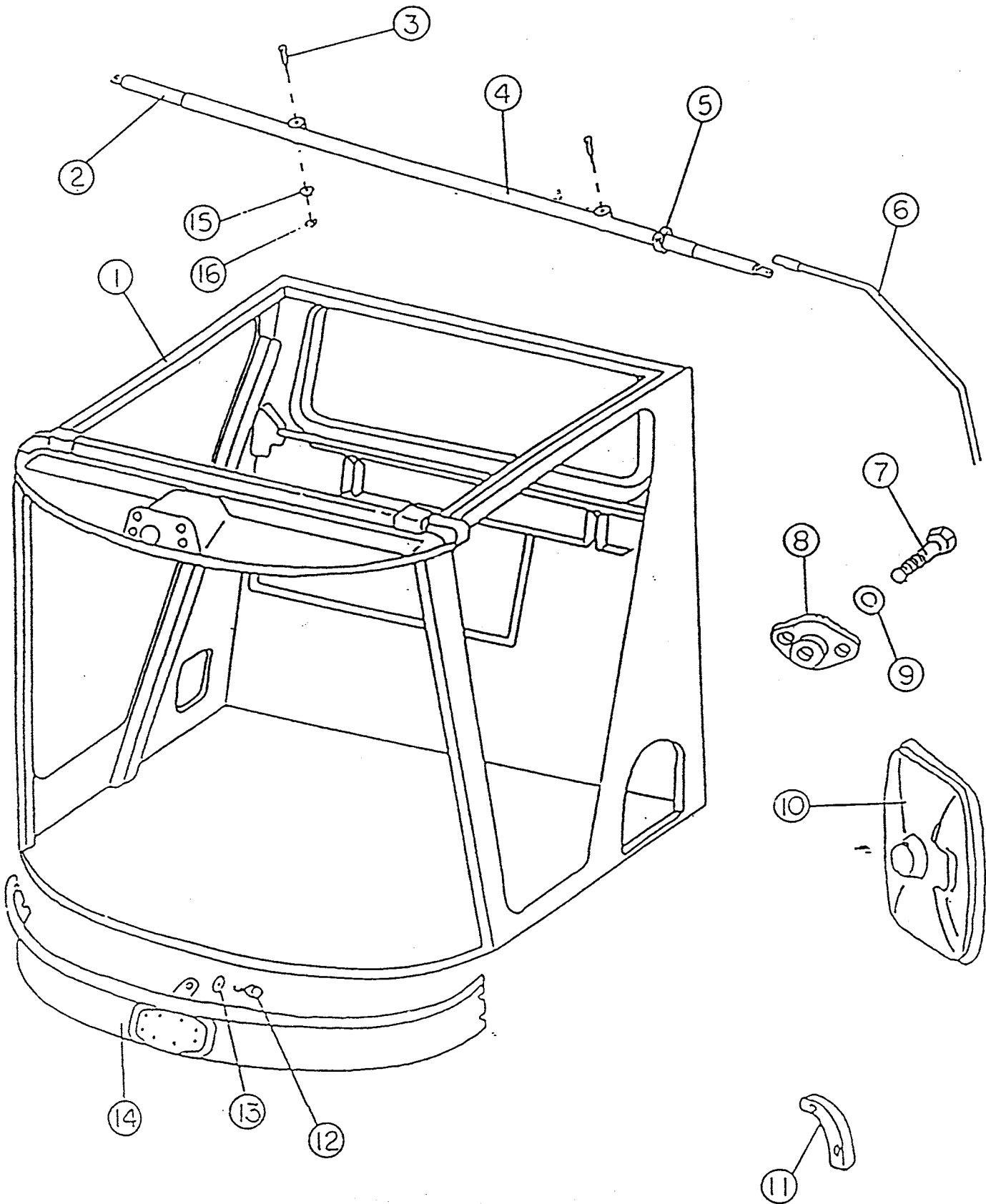
CAB GLASS & DOOR



CAB GLASS & DOOR

REF NO	PART NO	DESCRIPTION	QTY
1	6007-0255	Weatherstrip	1
2	6007-0256	Emergency Exit Rope	1
3	6007-0182	Window Right Side	1
4	6007-0179	Windshield (Domestic)	1
	6020-1134	Windshield (European)	1
5	0002-0800	Cap Screw M10 x 20	AR
6	6007-0181	Window Rear	1
7	0002-0801	Screw M6 x 16	AR
8	6007-0180	Door Window	1
9	6007-0257	Rail	1

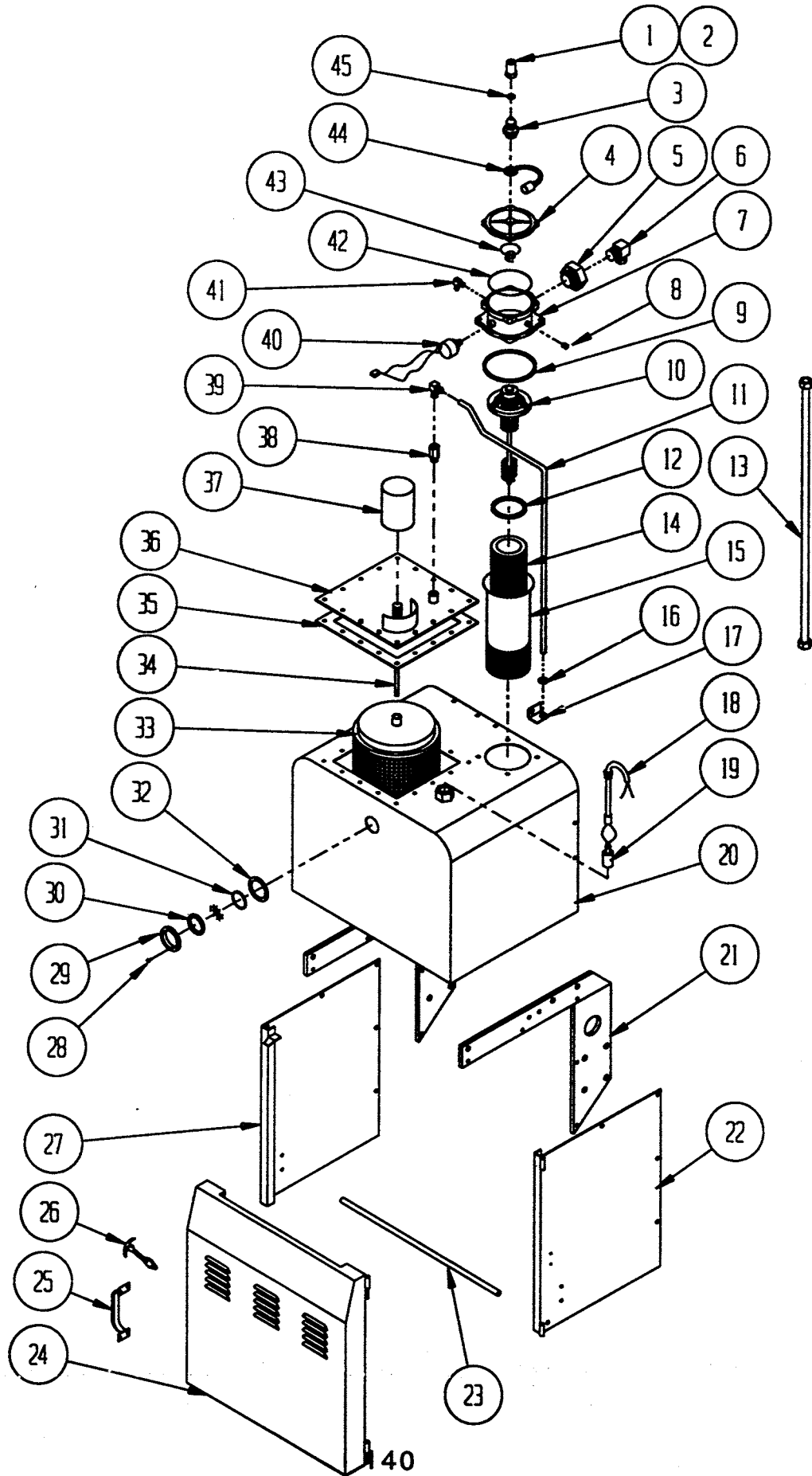
CAB & ATTACHMENTS



CAB & ATTACHMENTS

REF NO	PART NO	DESCRIPTION	QTY
1	6020-0987	Cab	1
2	6020-0776	Mirror Staff	2
3	0002-0836	Bolt M10 x 90	2
4	6020-0756	Mirror Mount	1
5	6007-0061	Clamp	2
6	6020-0759	Leg	2
7	0002-0786	Bolt, Hex M16 X 110	2
8	6007-0192	Rubber Mount	2
9	0002-0787	Washer 17.5 X 56 X 5 mm	2
10	6007-0126	Rear View Mirror	2
11	1027-0089	Bumper Door Stop	1
12	0002-0778	Bolt, Hex M8 X 20	3
13	0002-0002	Washer, Flat 3/8"	3
14	6007-0178	Cab Skirt	1
15	0002-0790	Washer, Flat	2
16	0002-0791	Washer, Rubber	2

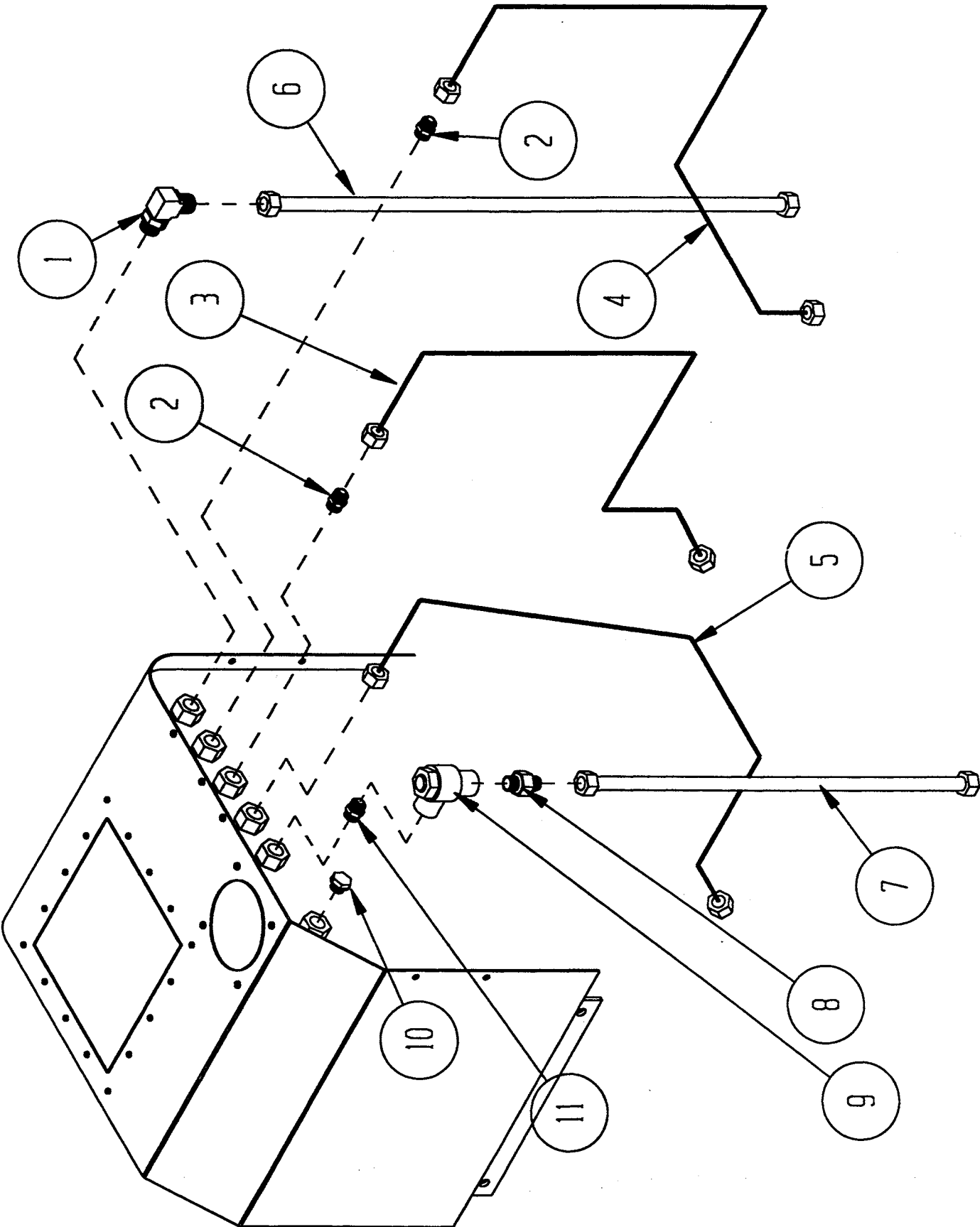
HYDRAULIC TANK GROUP



HYDRAULIC TANK GROUP

REF NO	PART NO	DESCRIPTION	QTY
1	6005-0405	Quick Coupling Male No. 8	1
2	6005-0406	Seal Kit for Quick Coupling	AR
3	6005-0053	Hydraulic Fitting, 8JIC Male - Straight - 12ORB Male	1
4	6005-0690	Filter Cover	1
5	6005-0275	Hydraulic Fitting, 16ORB Female - Straight - 24ORB Male	1
6	6005-1145	Hydraulic Fitting, 16JIC Male - 45° Elbow - 16ORB Male	1
7	6005-0365	Filter Housing	1
8	1013-0397	Plug ¼"NPT	1
9	6005-0363	O-Ring Filter Housing	1
10	6005-0428	Oil Filter Holder with Magnet	1
11	7005-0165	Drop Tube No. 8	1
13	7005-0036	Hose	1
14	6005-1276	Oil Filter Element (10 Micron)	1
15	6005-0339	Filter Tube	1
16	1040-0055	Grommet ½" I.D.	1
17	6001-0688	Grommet Mounting Angle	1
18	6001-0532	Sensor Tube	1
19	1040-0075	Oil Level and Temperature Sender	1
20	6001-0525	Hydraulic Tank	1
21	6001-0539	Tank Mounting	2
22	6001-0092	Skirt, Front	1
23	6001-0292	Spacer Rod	1
24	6001-1293	Door, Pump House	1
25	0001-0024	Handle	1
26	6004-0365	Latch	1
27	6001-0028	Skirt, Rear	1
28	0002-0543	Cap Screw Allen 10-32	4
29	6000-0064	Sight Gauge Complete	1
30	6001-0922	Gasket	1
31	6005-0793	Gasket	1
32	6001-0607	Sight Gauge Gasket	1
33	6005-0312	Suction Filter	1
34	6001-0635	Pipe Handle 8"	1
35	6001-0362	Tank Gasket	1
36	6001-0529	Cover	1
37	1013-0268	Breather Filter	1
38	6005-0324	Check Valve No. 8	1
39	6005-0062	Hydraulic Fitting, 8JIC Male - 90° Elbow - 8ORB Male	1
40	6000-0217	Pressure Sender, 25psi	1
41	6005-0033	Hydraulic Fitting, 4JIC Male - 90° Elbow - 4NPT Male	1
42	6005-0362	O-Ring Cover	1
43	6005-0677	Spring	1
44	6005-0410	Dust Cap	1
45	6005-0327	O-Ring No. 8	1

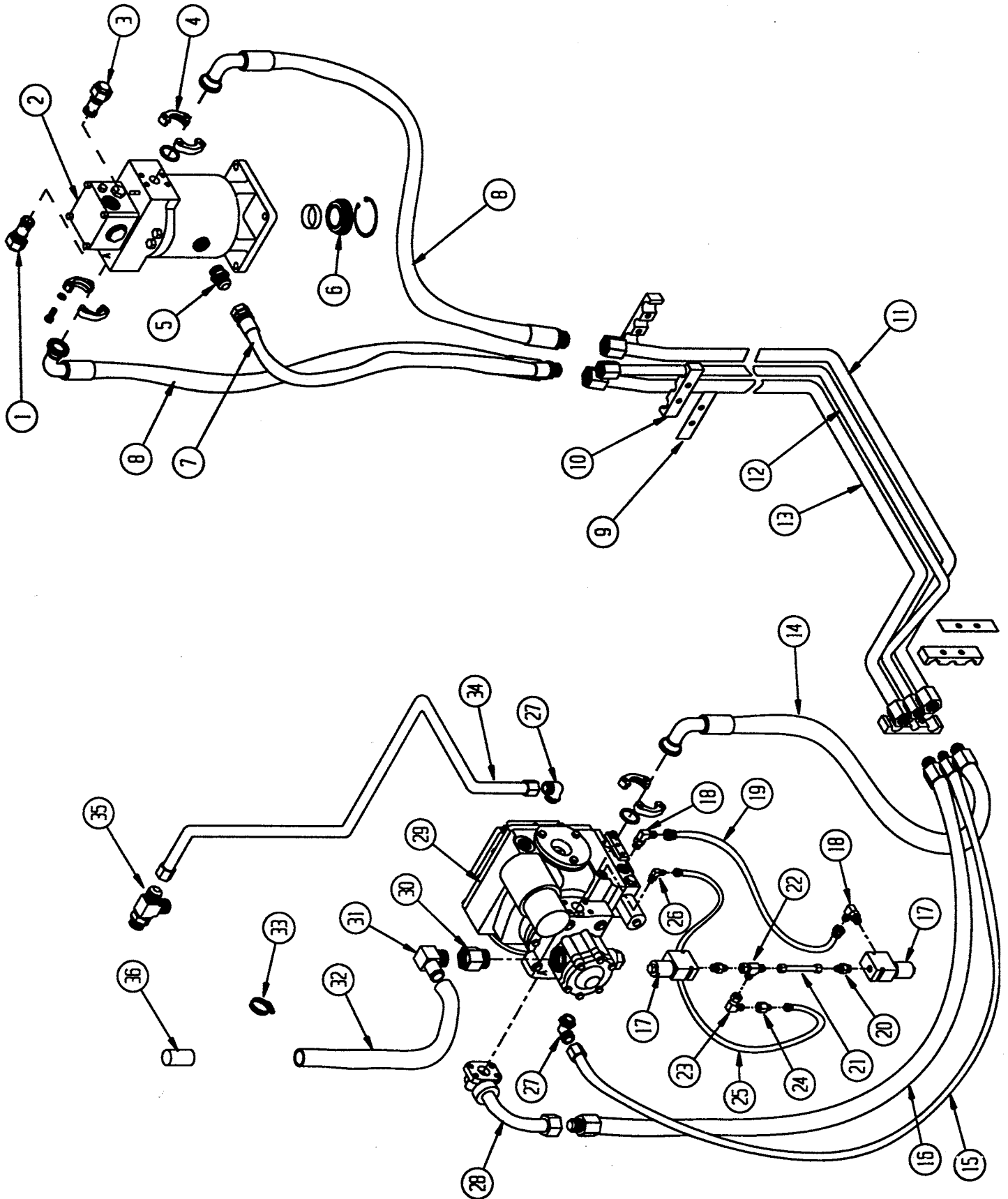
HYDRAULIC TANK RETURN LINES



HYDRAULIC TANK RETURN LINES

REF NO	PART NO	DESCRIPTION	QTY
1	6005-0076	Hydraulic Fitting, Elbow 12ORB-10JICM	1
2	6005-0049	Hydraulic Fitting, Str Conn 12JICM-12ORBM	2
3	6005-0155	Hydraulic Tube, Ground Drive Case Drain	1
4	6005-1449	Hydraulic Tube, Header Drive Case Drain	1
5	6005-0156	Hydraulic Tube, Fan Drive Case Drain	1
6	6005-2110	Hydraulic Hose, Header Case Drain	1
7	6005-0810	Hydraulic Hose, Gear Pump Return	1
8	6005-0189	Hydraulic Fitting, Str Conn 10JICM-10ORBM	1
9	6005-1975	Hydraulic Relief Valve	1
10	6005-0336	Hydraulic Fitting, Plut #12 ORB	1
11	6005-0054	Hydraulic Fitting, Str Conn 10ORBM-10ORBM	1

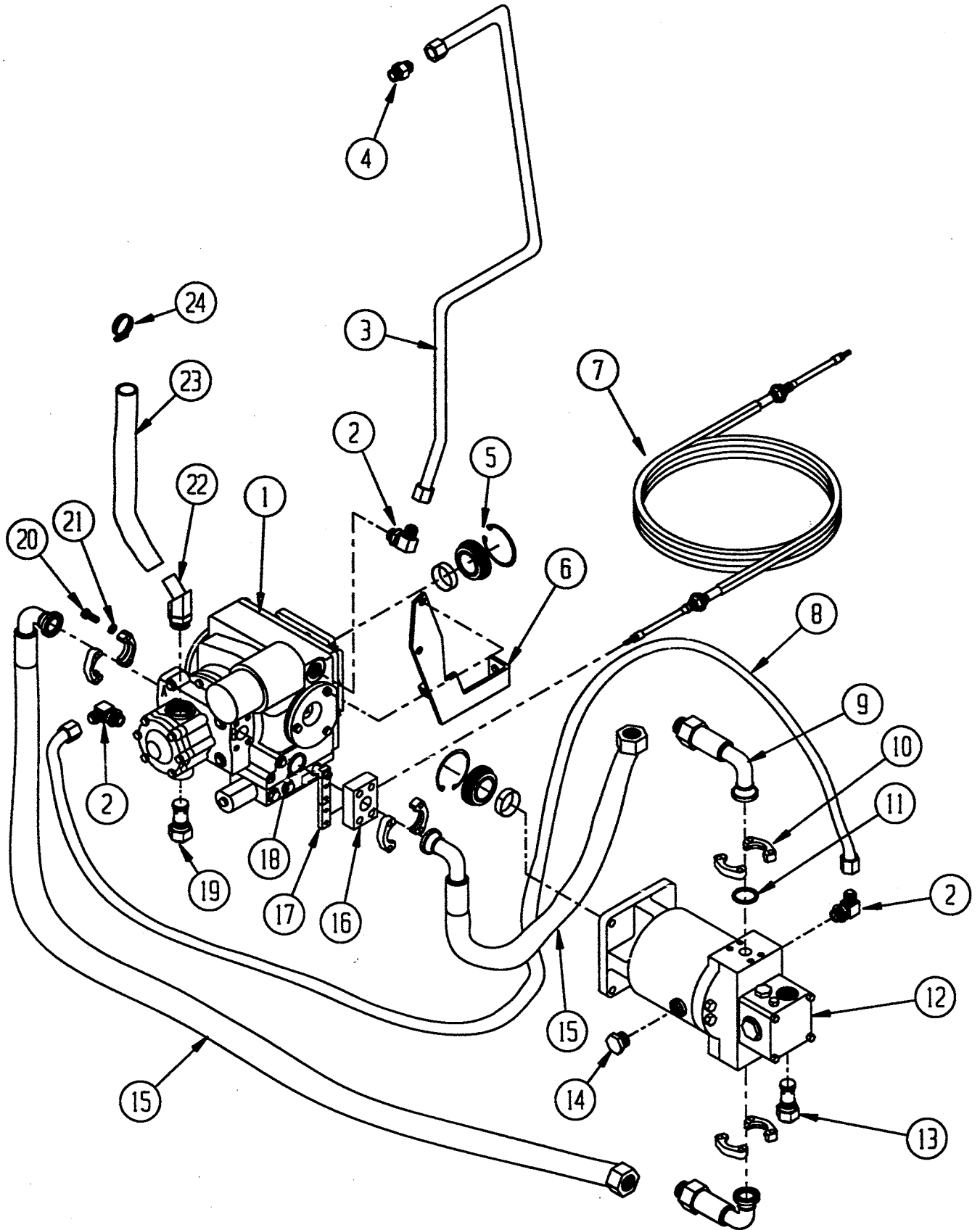
FAN DRIVE MOTOR & PUMP



FAN DRIVE MOTOR & PUMP

REF NO	PART NO	DESCRIPTION	QTY
1	6005-0387	Hydraulic Relief Cartridge 280 PSI	1
2	6020-0165	Hydraulic Motor Model 54	1
3	6005-1086	Hydraulic Relief Cartridge 5000 PSI	1
4	6005-0026	Hydraulic Fitting Flange Clamp Code 61	3
5	6005-0049	Hydraulic Fitting, 12JIC Male - Straight - 12ORB Male	1
6	6005-0390	Hydraulic Seal Kit	1
7	6005-0245	Hydraulic Hose, 3/4 x 38" - 1250 psi	1
8	6005-0246	Hydraulic Hose, 1 x 38" - 5000 psi	2
9	6020-0629	Reinforcing Flat	2
10	1027-0081	Clamp, Hydraulic Tube	4
11	6005-0941	Hydraulic Tube, Bulkhead to Fan	1
12	6005-0933	Hydraulic Tube, Case Drain Bulkhead to Fan	1
13	6005-0940	Hydraulic Tube, Short Bulkhead to Fan	1
14	6005-1447	Hydraulic Hose, 1 x 94" - 5000 psi	1
15	7005-0392	Hydraulic Hose, 3/4 x 90" - 1250psi	1
16	6005-1426	Hydraulic Hose, 1 x 105" - 5000 psi	1
17	7005-0465	Solenoid Valve, FPS with #6 Ports	1
18	6005-0104	Hydraulic Fitting, 6JIC Male - 90° Elbow - 6ORB Male	2
19	7005-0035	Hydraulic Hose, 1/4 x 18" - 2000psi	1
20	6005-0047	Hydraulic Fitting, 6JIC Male - Straight - 6ORB Male	2
21	7005-0266	Hydraulic Tube	1
22	6005-0422	Hydraulic Fitting, 6JIC Female - 6JIC Male - Tee - 6JIC Male	1
23	6005-0358	Hydraulic Fitting, 6JIC Female - 90° Elbow - 6JIC Male	1
24	6005-0027	Hydraulic Fitting, 4JIC Male - Straight 6JIC Female	1
25	7005-0386	Hydraulic Hose, 1/4 x 72" - 2750 psi	1
26	6005-0272	Hydraulic Fitting, 4JIC Male - 90° Elbow - 4ORB Male	1
27	6005-0063	Hydraulic Fitting, 12JIC Male - 90° Elbow - 12ORB Male	2
28	7005-0442	Elbow, Split Flange	1
29	6005-0005	Hydraulic Pump, Fan Drive Eaton Model 33	1
30	6005-0653	Hydraulic Fitting, 12ORB Female - Straight - 16ORB Male	1
31	6005-0790	Hydraulic Fitting, 12ORB Male - 90° Barb - 1" Hose	1
32	6005-1049	Suction Hose, 1.00" x 17.50"	1
33	1013-0395	Hose Clamp (Screw Type) 3/4 x 1 3/4"	2
34	6005-0156	Hydraulic Tube, Case Drain	1
35	6005-0070	Hydraulic Fitting, 12JIC Male - Straight - 12ORB Male	1
36	6005-1772	1" Suction Hose Plug	A/R

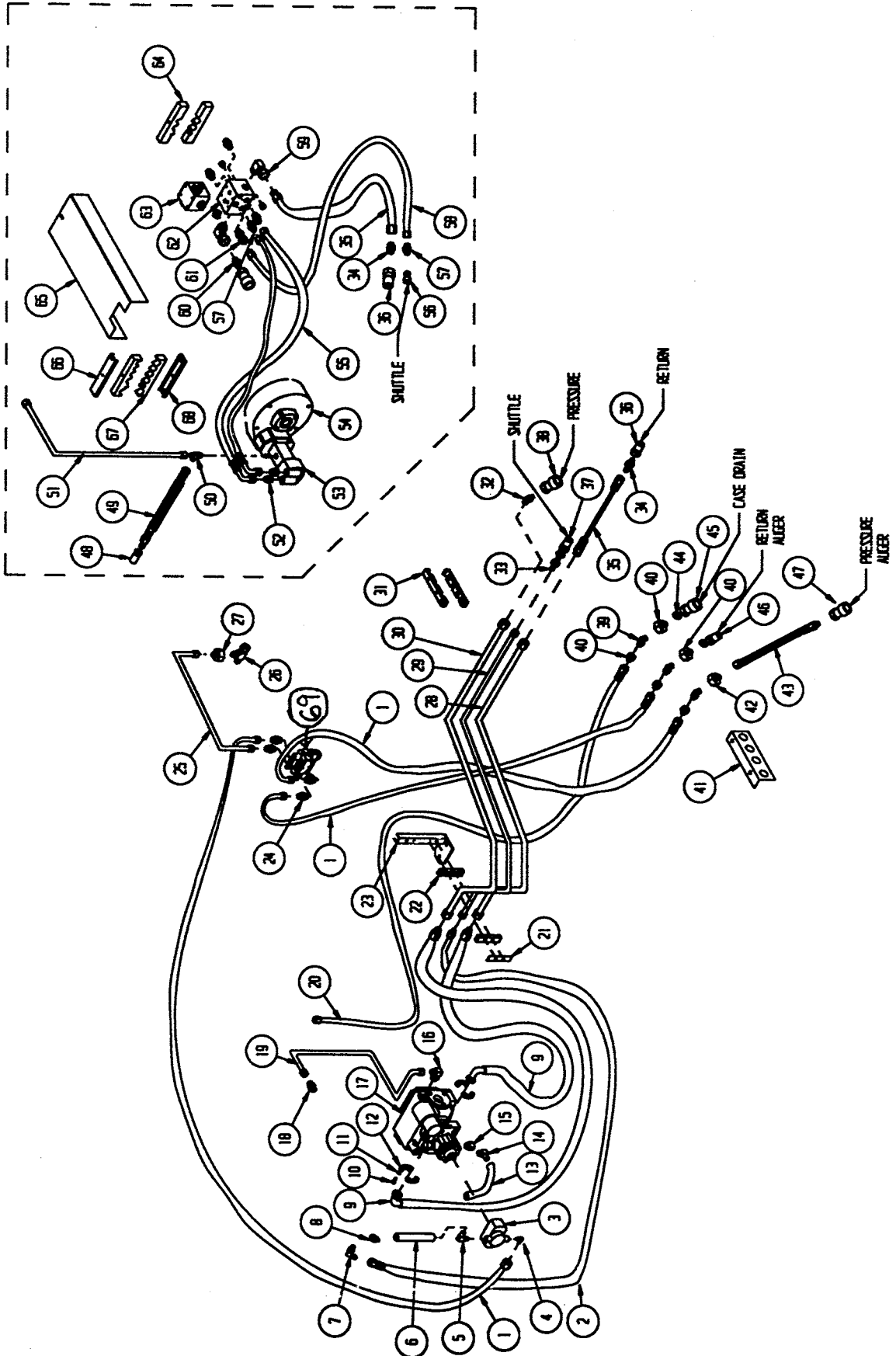
GROUND DRIVE MOTOR & PUMP



GROUND DRIVE MOTOR & PUMP

REF NO	PART NO	DESCRIPTION	QTY
1	7005-0428	Pump, Model 64	1
2	6005-0063	Hydraulic Fitting, 12JIC Male - 90° Elbow - 12ORB Male	3
3	6005-0155	Tube, Case Drain	1
4	6005-0049	Hydraulic Fitting, 12JIC Male - Straight - 12ORB Male	1
5	6005-0390	Seal, Eaton HD	2
6	6020-0671	Cable Bracket	1
7	6020-0659	Cable, Ground Drive	1
8	6005-0243	Hose, Case Drain, 84"	1
9	6005-0681	Flange Head Adapter Type PA (Code 62)	2
10	6005-0682	Flange Kit Code 62	4
11	6005-0683	O-Ring for Split Flange 3 (Code 62)	4
12	7005-0429	Motor, Model 64	1
13	6005-0388	Relief Cartridge 6000 PSI	2
14	6005-0336	Plug No. 12	1
15	7005-0396	Hyd Hose, 1.00" x 107" - 6000 psi	2
16	6005-0724	Port Adapter, Code 62	1
17	6001-0390	Cable Arm	1
18	005-0337	O-Ring	1
19	6005-0386	Relief Cartridge 220 PSI Charge Pump	2
20	0002-0111	Bolt, 3/8 - 16 x 1 1/4"	16
21	0002-0261	Washer, Split Lock 3/8"	16
22	6005-0082	Hydraulic Fitting, 16ORB Male - 45° Elbow - 1" Hose Barb	1
23	6005-1050	Hose, Suction, 2 1/2"	1
24	1013-0395	Hose Clamp	2

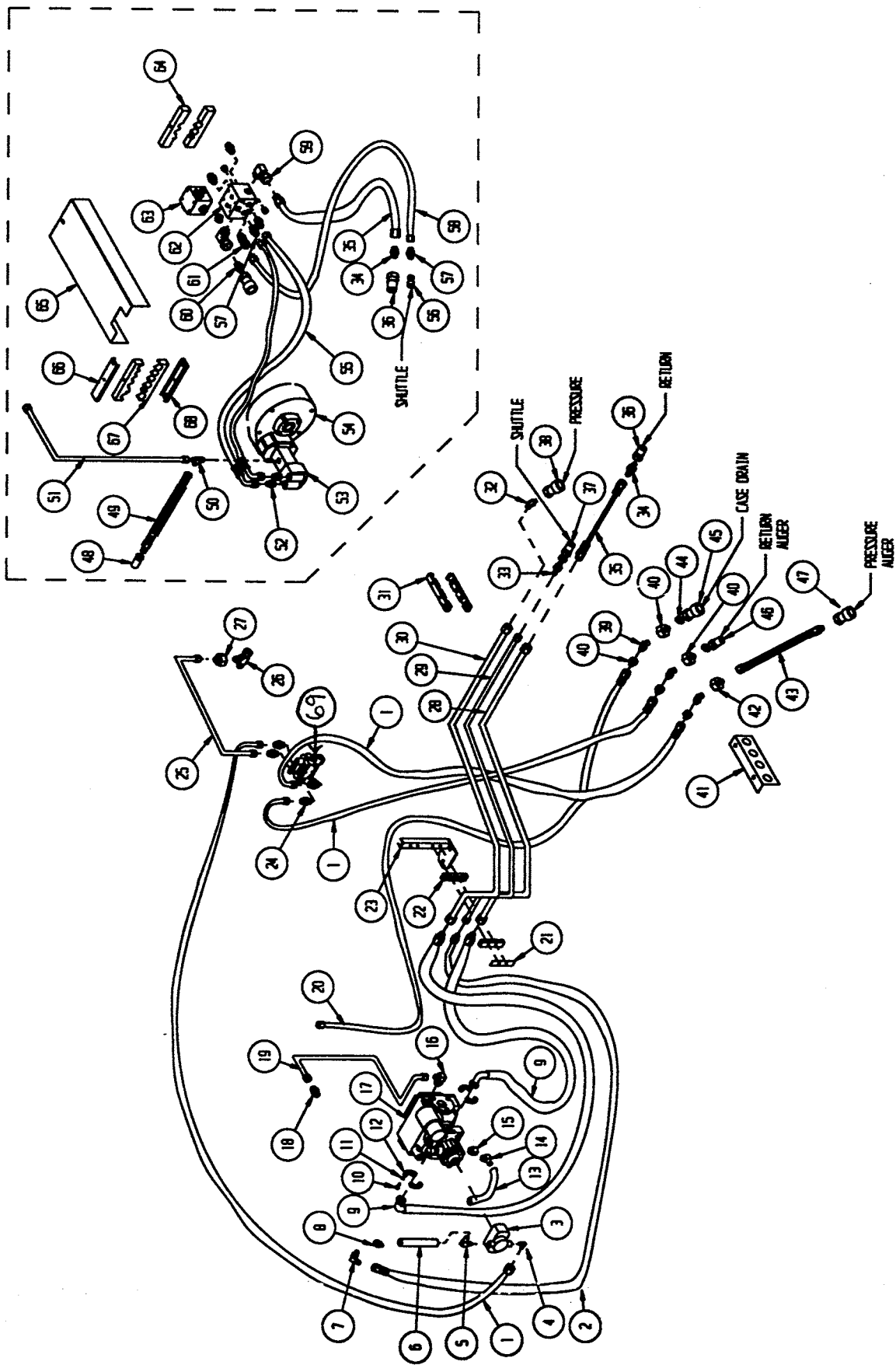
HEADER DRIVE



HEADER DRIVE

REF NO	PART NO	DESCRIPTION	QTY
1	7005-0399	Hyd Hose, .50-3500 10JICF-10JICF x 108"	3
2	7005-0395	Hyd Hose	1
3	6005-1954	Gear Pump	1
4	6005-0073	Hyd Fitting, Elbow 90° Adj 10ORB-10JICM	1
5	6005-0057	Hyd Fitting, Elbow 90° Adj 16ORBM-1" Barb	1
6	6005-0228	Suction Hose, 1" x 16.5"	1
7	6005-0063	Hyd Fitting, Elbow 90° 12JICM-12ORBM	1
8	1013-0395	Hose Clamp	2
9	6005-0687	Hyd Hose, 1"-6000 16JICF-90° 62 x 96"	2
10	0002-0111	Bolt, 3/8-16 x 1 1/4"	8
11	0002-0261	Washer, Split Lock 3/8"	2
12	6005-0682	Flange Kit Code 62	2
13	6005-1049	Suction Hose	1
14	6005-0790	Hyd Fitting, Elbow 90° 12ORBF-1" Hose Barb	1
15	6005-0653	Hyd Fitting, Str Conn 12ORBF-16ORBM	1
16	6005-0063	Hyd Fitting, Elbow 90° 12JICM-12ORBM	1
17	6005-1704	Hyd Pump 46	1
18	6005-0049	Hyd Fitting, Str Conn 12JICM-12ORBM	1
19	6005-1449	Hyd Tube, Case Drain	1
20	6005-2110	Hyd Hose	1
21	6020-0629	Reinforcing Flat	1
22	1027-0081	Tube Clamp	2
23	6020-0212	Tube Mounting	1
24	6005-0189	Hyd Fitting, Str Conn 10ORBM-10JICM	4
25	6005-0217	Hyd Hose, .5-10JICF-10JICF x 36"	1
26	6005-0545	Hyd Fitting, Tee 16JICM-16JICF-16JICM	1
27	6005-0462	Hyd Fitting, Reducer 16JICF-10JICM	1
28	6005-1252	Hyd Tube, Bulkhead to Feeder House	1
29	6005-1251	Hyd Tube, Bulkhead to Feeder House	1
30	6005-1250	Hyd Tube, Bulkhead to Feeder House	1
31	1027-0103	Clamp, Half	2
32	6005-1145	Hyd Fitting, Elbow 45° 16JICM-16ORBM	1
33	6005-0049	Hyd Fitting, Str Conn 12ORBM-12JICM	2
34	6005-0266	Hyd Fitting Str Conn 16JICM-16ORBM	1
35	7005-0436	Hyd Hose, 1"-4500-16JICF-16JICM x 88"	1
36	7005-0473	Quick Disconnect Nipple 16-16ORBF	1
37	6005-1463	Quick Disconnect Nipple 12-12ORBF	1
38	7005-0474	Quick Disconnect Coupler 16-16ORBF	1
39	6005-1354	Hyd Fitting, 45° Bulkhead 12JICM-12JICM	3
40	6005-0029	Hyd Fitting, Reducer 12JICF-10JICM	3
41	7002-0573	Bulkhead, Galv.	1
42	6005-0085	Hyd Fitting, Reducer 12JICF-8JICM	1
43	6005-0752	Hyd Hose, 1/2" 8JICF-8ORBM x 93"	1
44	6005-0328	O-Ring, #10	2
45	6005-1461	Quick Coupler #10-10ORBF	1
46	6005-1460	Quick Disconnect Nipple #10-10ORBF	1
47	6005-1459	Quick Coupler #10-8ORBF	1
48	6005-1458	Quick Disconnect Nipple #10-8ORBF	1
49	7005-0357	Hyd Hose, 1/2" 8JICF-8ORBM	1

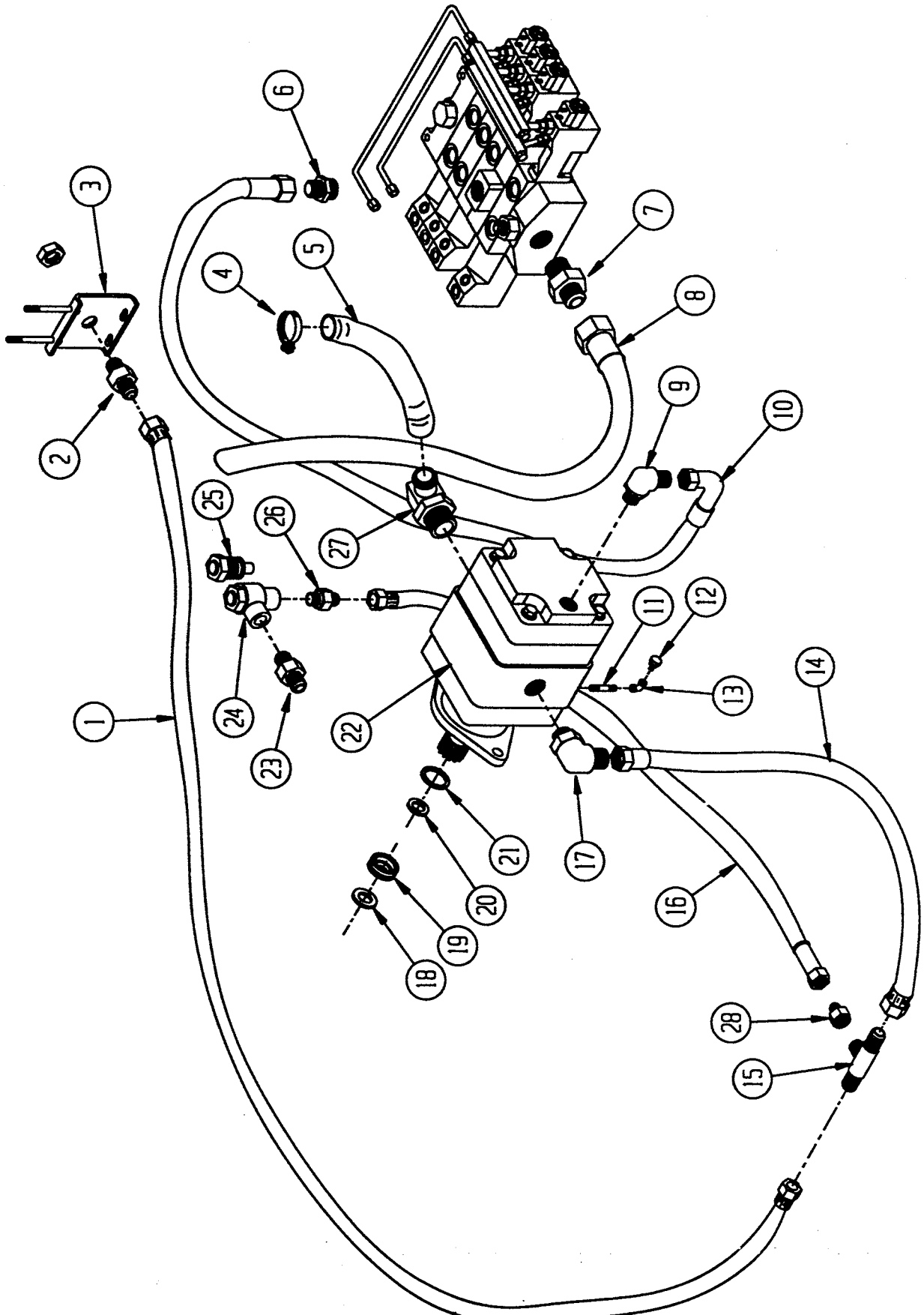
HEADER DRIVE (Continued)



HEADER DRIVE (Continued)

REF NO	PART NO	DESCRIPTION	QTY
50	6005-0069	Hyd Fitting, Tee Adj 8JICM-8ORBM-8JICM	1
51	6005-0206	Hyd Fitting 1/2" JICF-8JICF x 42"	1
52	6005-0050	Hyd Fitting	
53	6005-1543	Hyd Motor, 2.48 C.I.	2
54	6020-0968	Gear Box, 3.38:1	2
55	7005-0439	Hyd Hose, 3/4" x 40.5" 4500 psi	4
56	6005-1463	Quick Disconnect Coupler 12-12ORBF	1
57	6005-0049	Hyd Fitting, Str Conn 12ORBM-12JICM	1
58	7005-0437	Hyd Hose, 3/4"-12JICF-12JICM x 84"	1
59	6005-1379	Hyd Fitting, Elbow 90° 16ORBM-16JICF	2
60	6005-0266	Hyd Fitting, Str Conn 16ORBM-16JICM	1
61	6005-1355	Hyd Fitting, Str Conn 12JICF-12ORBM	1
62	7005-0433	Shuttle Valve Manifold	1
63	7005-0467	Composite Valve Block	1
64	1027-0101	Clamp, Half	2
65	6020-0800	Shield, Hydraulic Block	2
66	6020-0802	Channel, Hose Clamp Top	2
67	1027-0100	Clamp, Half	2
68	6020-0801	Channel, Hose Clamp Bottom	2
69	6005-1933	Valve	1

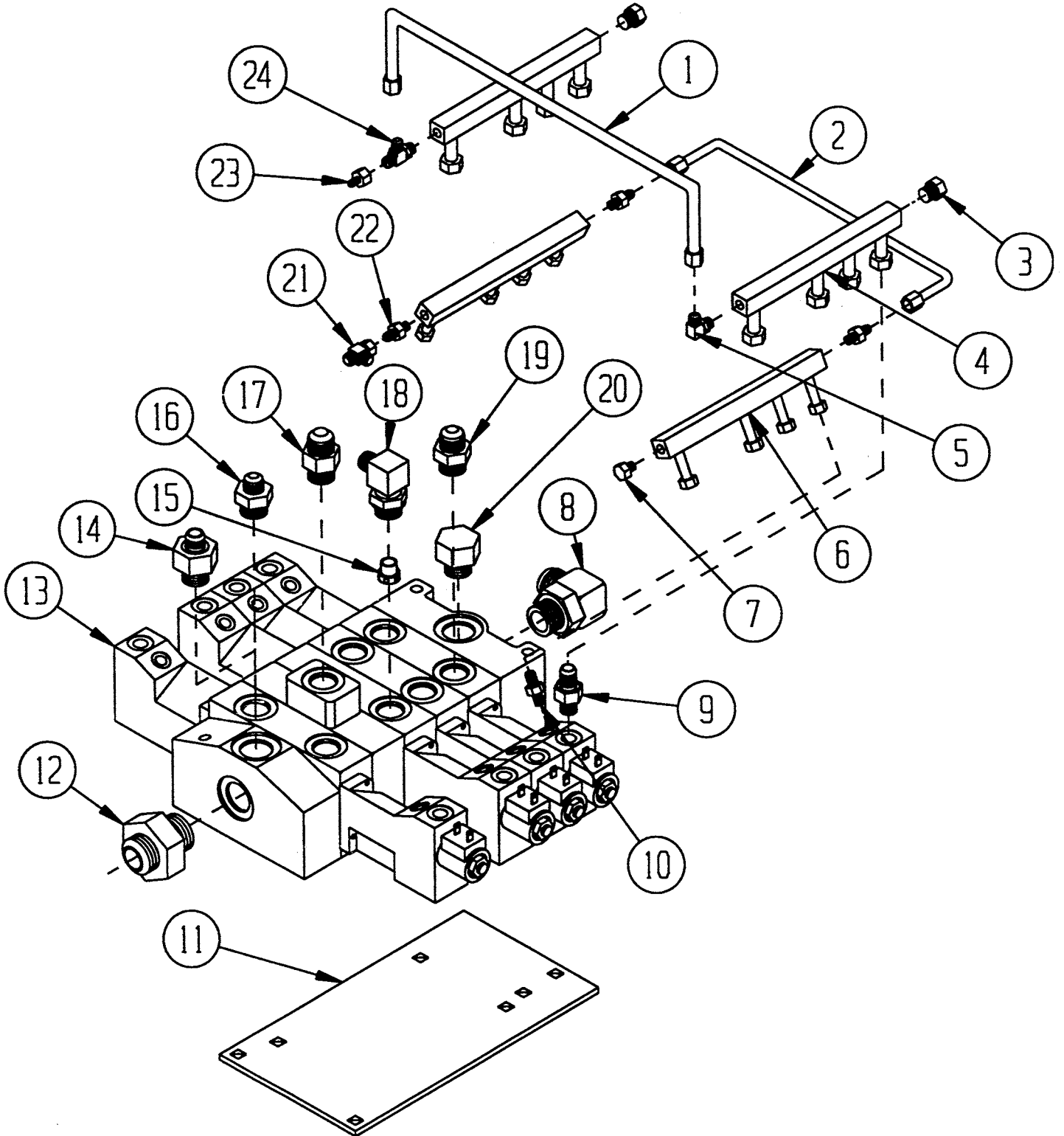
TANDEM PUMP TO VALVE



TANDEM PUMP TO VALVE

REF NO	PART NO	DESCRIPTION	QTY
1	6005-0220	Hydraulic Hose, 3/4 x 54 - 2250psi	1
2	6005-0042	Hydraulic Fitting, 12JIC Male - Straight Bulkhead - 12JIC Male	1
3	6001-0643	Bulkhead	1
4	1013-0396	Hose Clamp	2
5	6005-0231	Suction Hose	1
6	6005-0049	Hydraulic Fitting, 12JIC Male - Straight - 12ORB Male	1
7	6005-0266	Hydraulic Fitting, 16JIC Male - Straight - 16ORB Male	1
8	7005-0397	Hydraulic Hose, 1 x 78" - 1000psi	1
9	6005-0063	Hydraulic Fitting, 12JIC Male - 90° Elbow - 12ORB Male	1
10	7005-0393	Hydraulic Hose, 3/4 x 84 - 4000psi	1
11	6005-0448	Pipe 1/8" x 1 1/2" Long Nipple	1
12	1019-0401	Breather 1/8" NPT	1
13	1013-0399	Elbow 1/8" NPT	1
14	6005-1080	Hydraulic Hose, 3/4 x 16" - 3000psi	1
15	6005-0038	Hydraulic Fitting, 12JIC Male - 12JIC Male - Tee - 12JIC Male	1
16	6005-0810	Hydraulic Hose	1
17	6005-0066	Hydraulic Fitting, 12JIC Male - 90° Elbow - 16ORB Male	1
18	6005-0497	Outer Seal	1
19	6005-0490	Retainer	1
20	6005-0399	Seal, Shaft	AR
21	6005-0489	O-Ring, Retainer	1
22	7005-0014	Tandem Pump	1
23	6005-0049	Hydraulic Ftg, Strt Conn 12JICM-12ORB	1
24	6005-0012	Relief Valve	1
25	6005-0323	Relief Valve, 2500psi Cartridge J-10	AR
26	6005-0189	Hydraulic Fitting, 10JIC Male - Straight - 10ORB Male	1
27	6005-0058	Hydraulic Fitting, 24ORB Male - 90° Elbow - 1 1/2" Hose Barb	1
28	6005-0029	Hydraulic Fitting, 10JIC Male - Straight Reducer - 12JIC Female	1

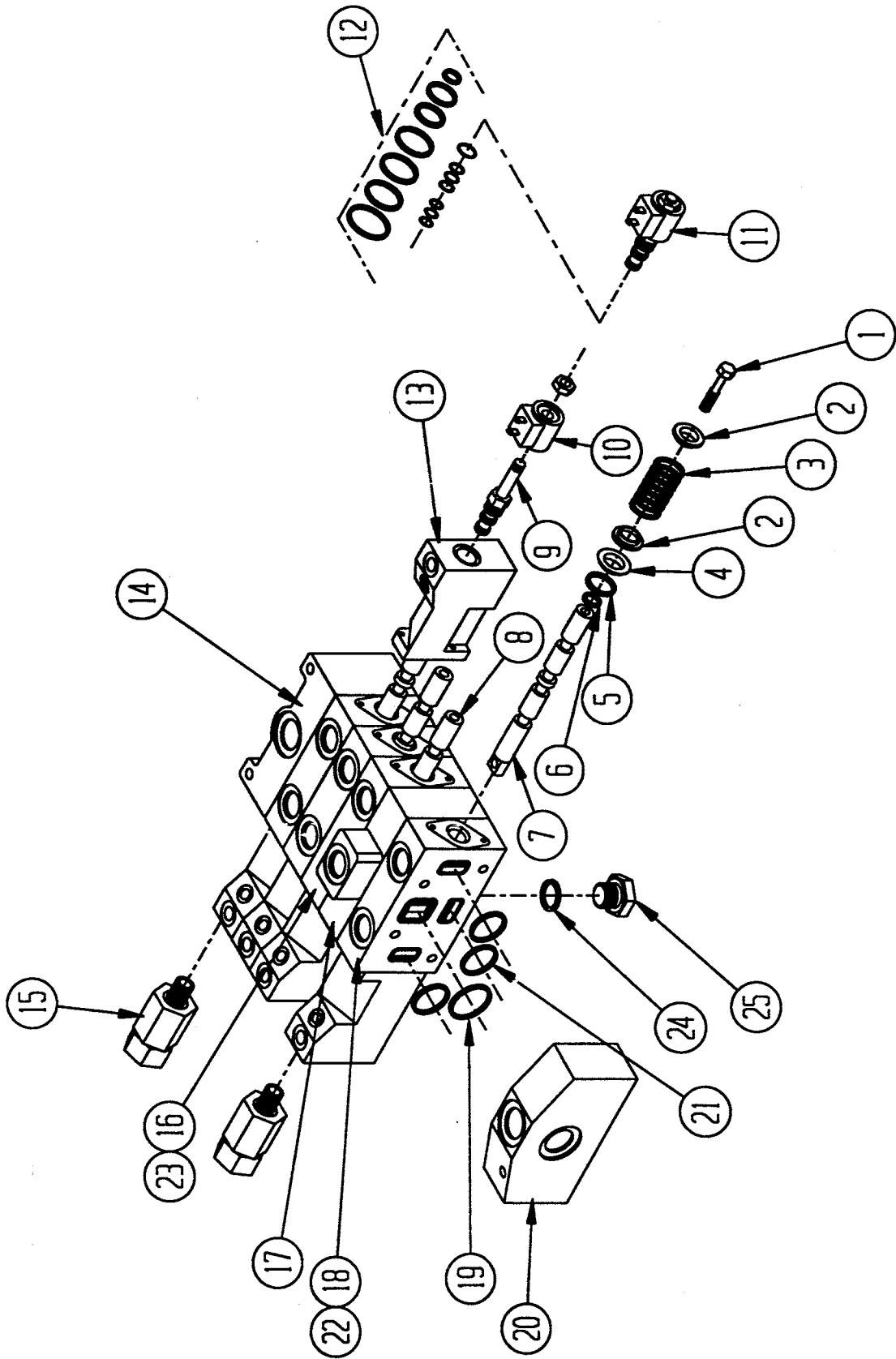
STACK VALVE FITTINGS



STACK VALVE FITTINGS

REF NO	PART NO	DESCRIPTION	QTY
1	6005-0925	Hydraulic Tube, Long Crossover	1
2	6005-0924	Hydraulic Tube, Short Crossover	1
3	6005-0418	Hydraulic Fitting, Plug 6ORB	2
4	6020-0150	Pilot Manifold	2
5	6005-0104	Hyd Ftg, 90° Elbow 6JICM-6ORB	1
6	6020-0151	Tank Manifold	2
7	6005-0418	Hydraulic Fitting, Plug 6ORB	1
8	6005-0066	Hyd Ftg, 12JICM - 90° Elbow -16ORB	1
9	6005-0047	Hyd Fitting, 6JICM - Straight - 6ORB	8
10	6005-0046	Hyd Fitting, 4JICM - Straight - 4ORB	8
11	6001-0938	Valve Plate	1
12	6005-0266	Hyd Ftg, 16JICM - Straight - 16ORB	1
13	6020-0145	Stack Valve	1
14	6005-0647	Hyd Ftg, 8JICM - Straight -16ORB	1
15	6005-0668	Port Restrictor	1
16	6005-0053	Hydraulic Fitting, 8JICM - Straight - 12ORB	1
17	6005-0049	Hyd Ftg, 12JICM - Straight - 12ORB	1
18	6005-0067	Hyd Ftg, 8JICM - 90° Elbow - 12ORB	1
19	6005-0458	Hyd Ftg, 10JICM - Straight - 12ORB	5
20	6005-0092	Hydraulic Fitting, Plug 16ORB	1
21	6005-0422	Hyd Ftg, 6JICF - 6JICM - Tee - 6JICM	1
22	6005-0047	Hydraulic Fitting, 6JICM - Straight - 6ORB	6
23	6005-0027	Hydraulic Fitting, 4JICM - Straight 6JICF	1
24	6005-1515	Hydraulic Fitting, 6ORB - Tee JICM - 6JICM	1

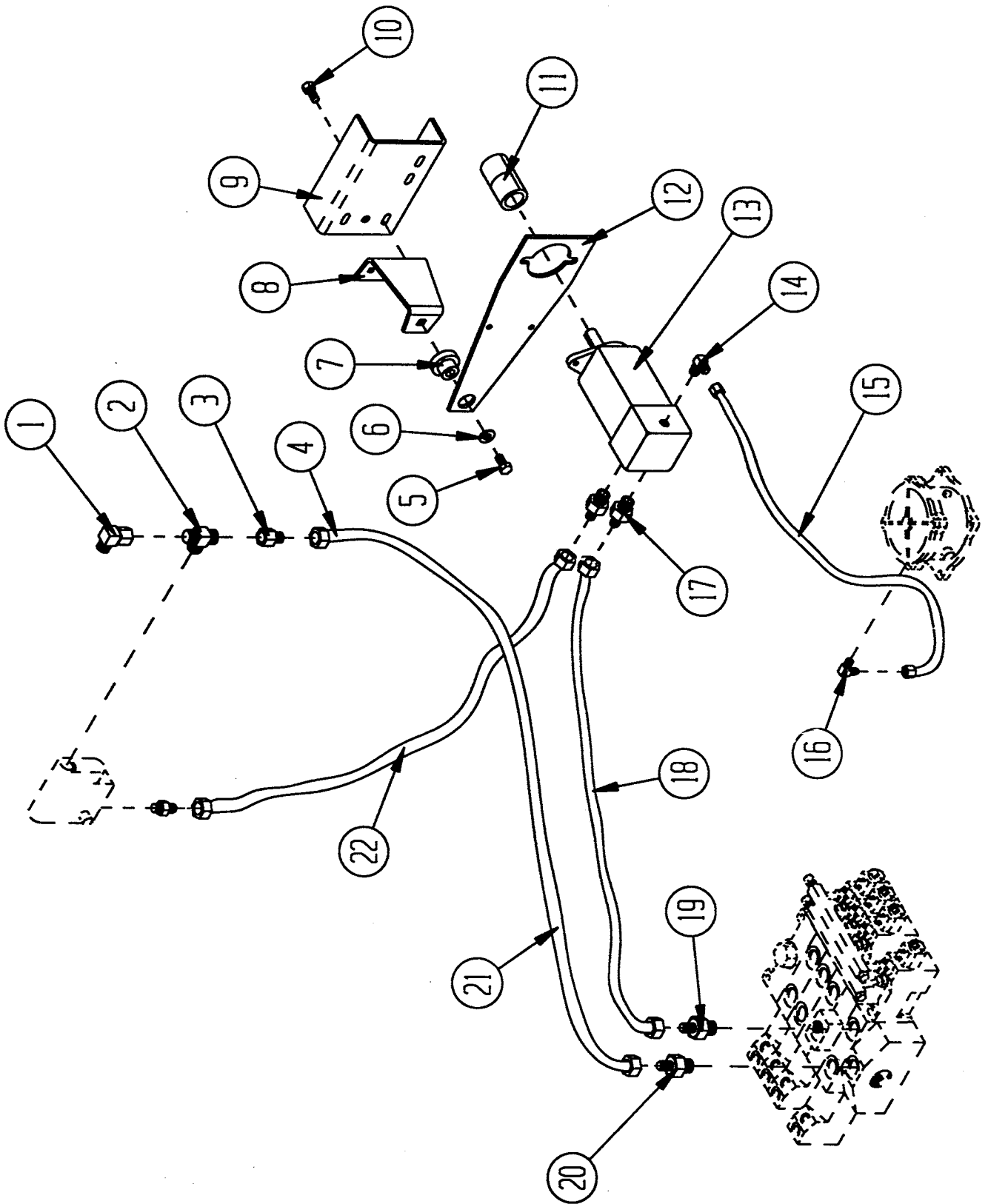
STACK VALVE - (6020-0145)



**STACK VALVE
(6020-0145)**

REF NO	PART NO	DESCRIPTION	QTY
1	0002-0677	Stripper Bolt	4
2	6005-1193	Spring Collar	8
3	6005-1194	Spring	4
4	6005-0876	Seal Retainer	4
5	6005-0875	O-Ring	4
6	6005-1195	Spool Seal	8
7	6005-1196	4-Way Spool	3
8	6005-1197	3-Way Spool	1
9	6005-1198	Cartridge, w/Nut	1
10	6005-0666	12 Volt Coil	1
11	6005-1199	12 Volt Cartridge Coil Assy	8
12	6005-1108	Complete Seal Section Kit	AR
13	6005-1200	Solenoid Cap	8
14	6005-0659	Inlet Cover	1
15	6005-0667	Main Relief	2
16	6005-1201	3-Way Section	1
17	6005-0662	Mid Inlet	1
18	6005-1202	4-Way Section	3
19	6005-1203	Section Seal	1
20	6005-0664	Outlet Cover	1
21	6005-1204	Section Seal	3
22	6005-0660	4-Way Assembly Section	3
23	6005-0661	3-Way Assembly Section	1
24	6005-1205	Plug Seal	4
25	6005-1206	#12 Thin Plug	4

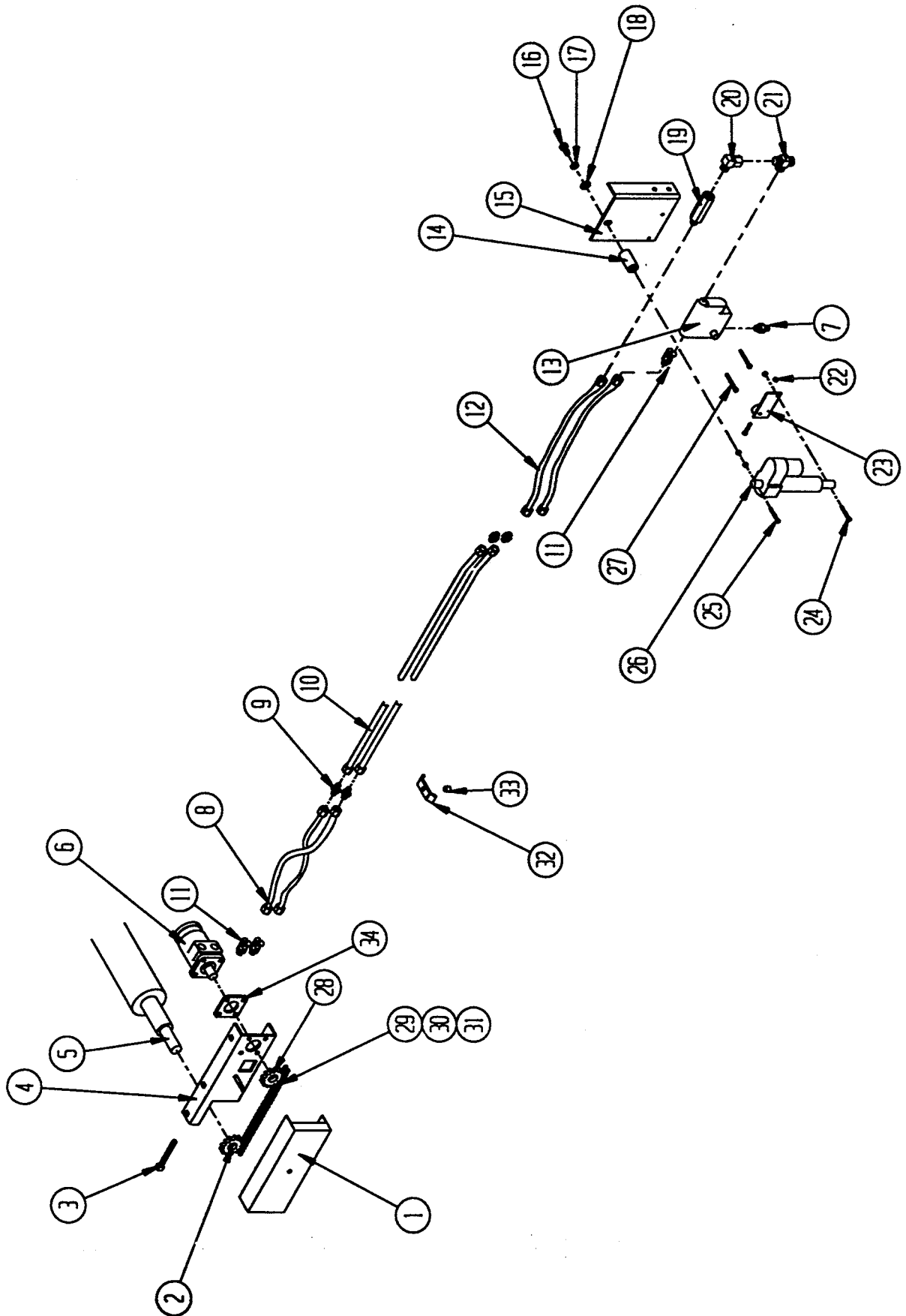
CONVEYOR DRIVE



CONVEYOR DRIVE

REF NO	PART NO	DESCRIPTION	QTY
1	6005-1253	Hyd Ftg, 90° Elbow 10JICF-10ORBM	1
2	6005-0827	Hyd Ftg, Tee 10JICM-10JICM10ORBM	-1
3	6005-0197	Hyd Ftg, Strt 8JICM-10JICF	1
4	7005-0220	Hyd Hose, ½" x 54" - 3500 psi	1
5	0002-0333	Bolt, Carriage ½"-13 x 2"	1
6	0002-0263	Washer, Flat	1
7	6001-0328	Rubber Body Mount	1
8	6020-0966	Torque Arm Channel	1
9	6020-0216	Torque Arm Bracket	1
10	0002-0026	Bolt, Hex Head ½"-13 x 1"	2
11	6002-0172	Shaft Coupling	1
12	6020-0868	Torque Arm	1
13	6005-1014	Hydraulic Motor	1
14	6005-0272	Hyd Ftg, 90° Elbow 4JICM-4ORBM	1
15	6005-0367	Hyd Hose, ¼" x 78" - 2750 psi	1
16	6005-0033	Hyd Ftg, 90° Elbow 4JICM-4NPTM	1
17	6005-0189	Hyd Ftg, Strt 10JICM-10ORBM	2
18	7005-0395	Hyd Hose, ¾" x 105" - 4000 psi	1
19	6005-0458	Hyd Ftg, Strt 10JICM-12ORBM	1
20	6005-0053	Hyd Ftg, Strt 8JICM-12ORBM	1
21	7005-0220	Hyd Hose, ½" x 54" - 3500 psi	1
22	6005-0810	Hyd Hose, ½" x 42" - 3000 psi	1

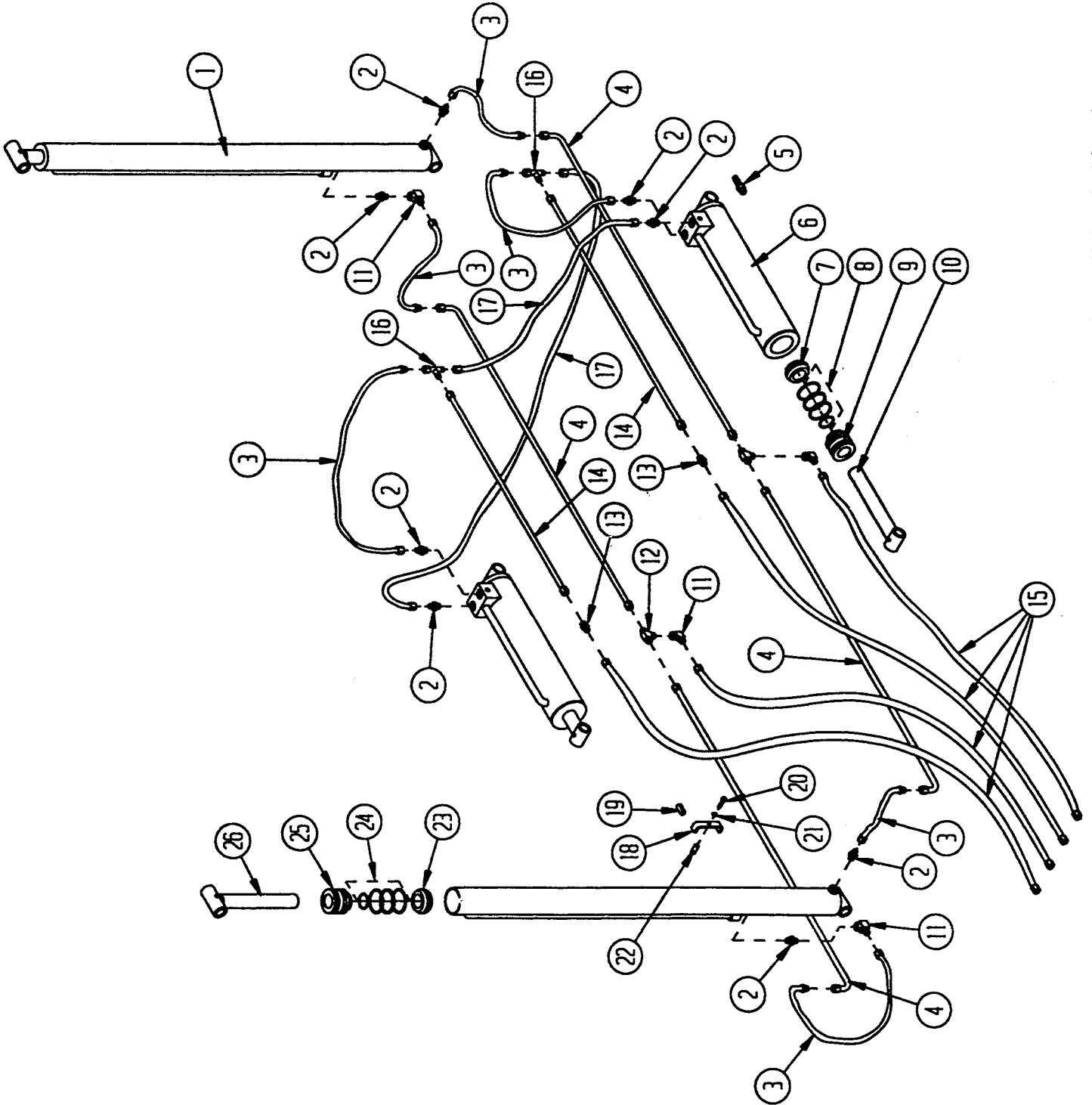
ELEVATOR DRIVE



ELEVATOR DRIVE

REF NO	PART NO	DESCRIPTION	QTY
1	6020-0775	Elevator Drive Shield	1
2	1019-0073	Sprocket, RC50B 13T 1¼ Bore	1
3	0002-0770	Push Bolt	1
4	6020-0971	Weldment, Motor Mount	1
5	6020-0372	Weldment, Drive Roller	1
6	6010-0076	Hydraulic Motor	1
	6005-0826	Seal, for Hydraulic Motor	1
7	6005-0189	Hydraulic Fitting, 10JIC Male - Straight - 10ORB Male	1
8	6005-0217	Hydraulic Hose, ½ x 42" - 2500psi	2
9	6005-0419	Hydraulic Fitting, 10JIC Male - Straight Union - 10JIC Male	4
10	6005-1107	Hydraulic Tube, Elevator	2
11	6005-0781	Hydraulic Fitting, Elbow 45° Swivel 10JICM-10ORB	3
12	6005-0788	Hydraulic Hose, ½ x 18" - 2500psi	2
13	6005-0309	Flow Control	1
14	6001-1320	Pivot Shaft	1
15	6001-1045	Mounting Plate	1
16	0002-0391	Bolt, Hex Head ½"-20 x 1"	1
17	0002-0336	Washer, Split Lock ½"	1
18	0002-0263	Washer, Flat ½"	1
19	7005-0432	Hyd Check Valve LT-10	1
20	6005-1253	Hyd Ftg, 90° Elbow 10JICF-10ORB	1
21	6005-0827	Hyd Ftg, Tee 10JICM-10JICM-10ORB	-1
22	0002-0246	Nut Flange, ¼"-20	6
23	6001-1047	Flow Control Arm	1
24	0002-0076	Bolt, Hex Head ¼"-20x 1 ½"	1
25	0002-0078	Bolt, Hex Head ¼"-20 x 2"	2
26	6010-0430	Actuator	1
27	0002-0472	Bolt, Hex Head ¼"-20 x 2 ½"	2
28	1019-0088	Sprocket, RC50B 13T 1" Bore	1
29	1019-0150	Chain, RC50 44 Pitch	1
30	1019-0043	Connector Link	1
31	1019-0134	Half Link	1
32	1009-0249	Hydraulic Hose Clamp	2
33	6001-0802	Grommet	4
34	6020-0973	Shim	1

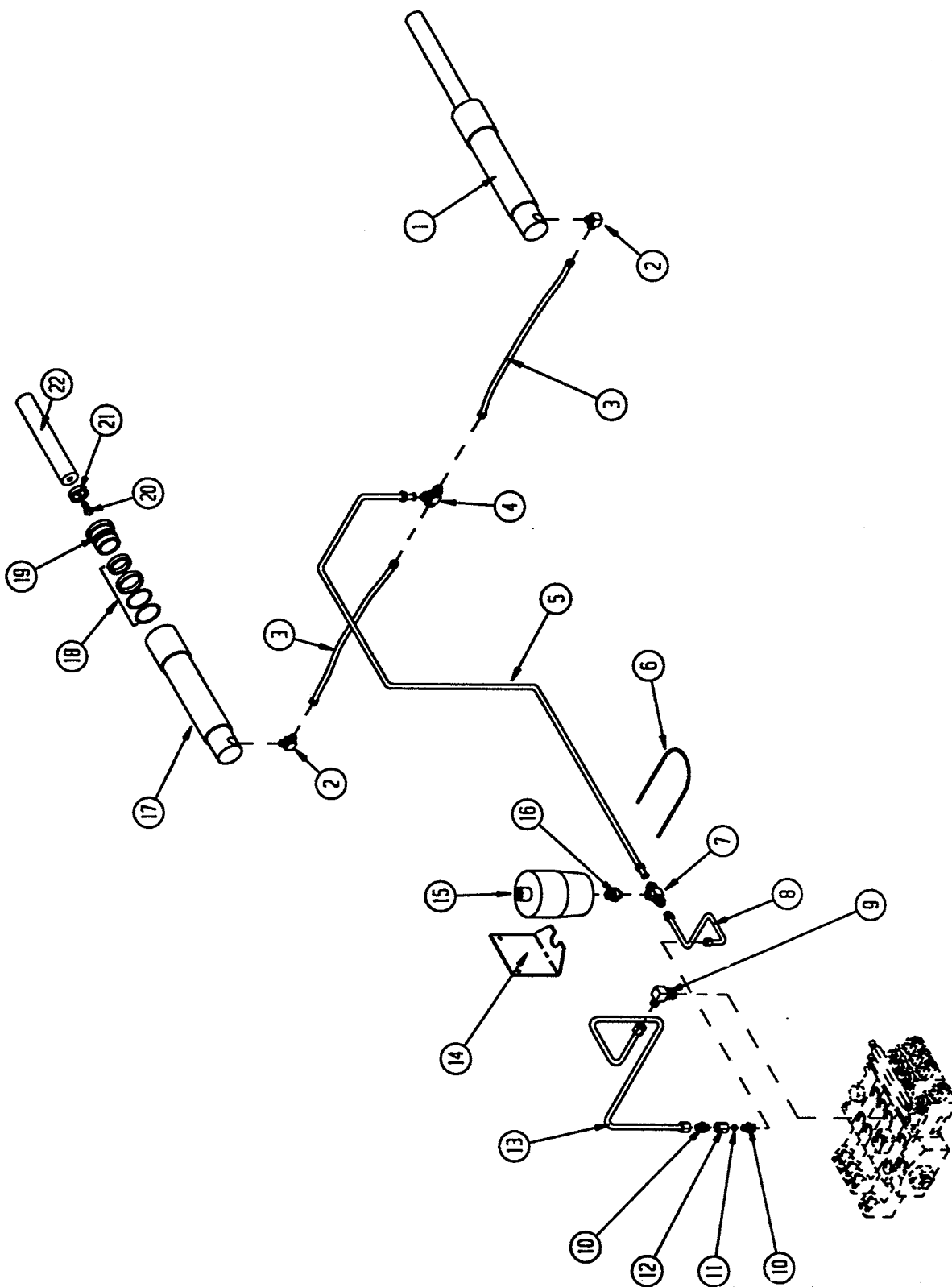
DUMP BOX CYLINDERS



DUMP BOX CYLINDERS

REF NO	PART NO	DESCRIPTION	QTY
1	6030-0171	Hydraulic Cylinder, Dump 3½ x 60"	2
2	6005-0189	Hyd Ftg, 10JICM - Straight - 10ORBM	8
3	6005-0811	Hydraulic Hose, ½ x 24½" - 2500psi	6
4	6005-0809	Hydraulic Tube, Long	4
5	6005-1207	Check Valve	AR
6	6005-1278	Hydraulic Cylinder, Raise 5 x 20"	2
7	6005-1112	Piston	AR
8	6005-0946	Packing Kit	AR
9	6005-1113	Gland	AR
10	6005-0110	Piston Assy	AR
11	6005-0193	Hyd Ftg, 90° Elbow 10JICM-10JICF	4
12	6005-0423	Hyd Ftg, Tee 10JICM-10JICM-10JICM	2
13	6005-0419	Hyd Ftg, 10JICM - Straight Union - 10JICM	2
14	6005-0808	Hydraulic Tube, Short	2
15	6005-1078	Hose, ½ x 186" - 2500psi	4
16	6005-0191	Hyd Ftg, 10JICF - 10JICM - Tee - 10JICM	2
17	6005-0828	Hose, ½ x 76" - 2500psi	2
18	6002-0095	Hydraulic Tube Clamp	6
19	6001-0670	Rubber Grommet, ½" Diameter	12
20	0002-0101	Bolt, Hex ¾ - 16 x 1½"	6
21	0002-0261	Washer, Split Lock ¾"	6
22	7001-0391	Spacer	6
23	6005-1103	Piston	AR
24	6005-0947	Packing Kit	AR
25	6005-1104	Gland	AR
26	6005-1101	Piston Rod Assy	AR

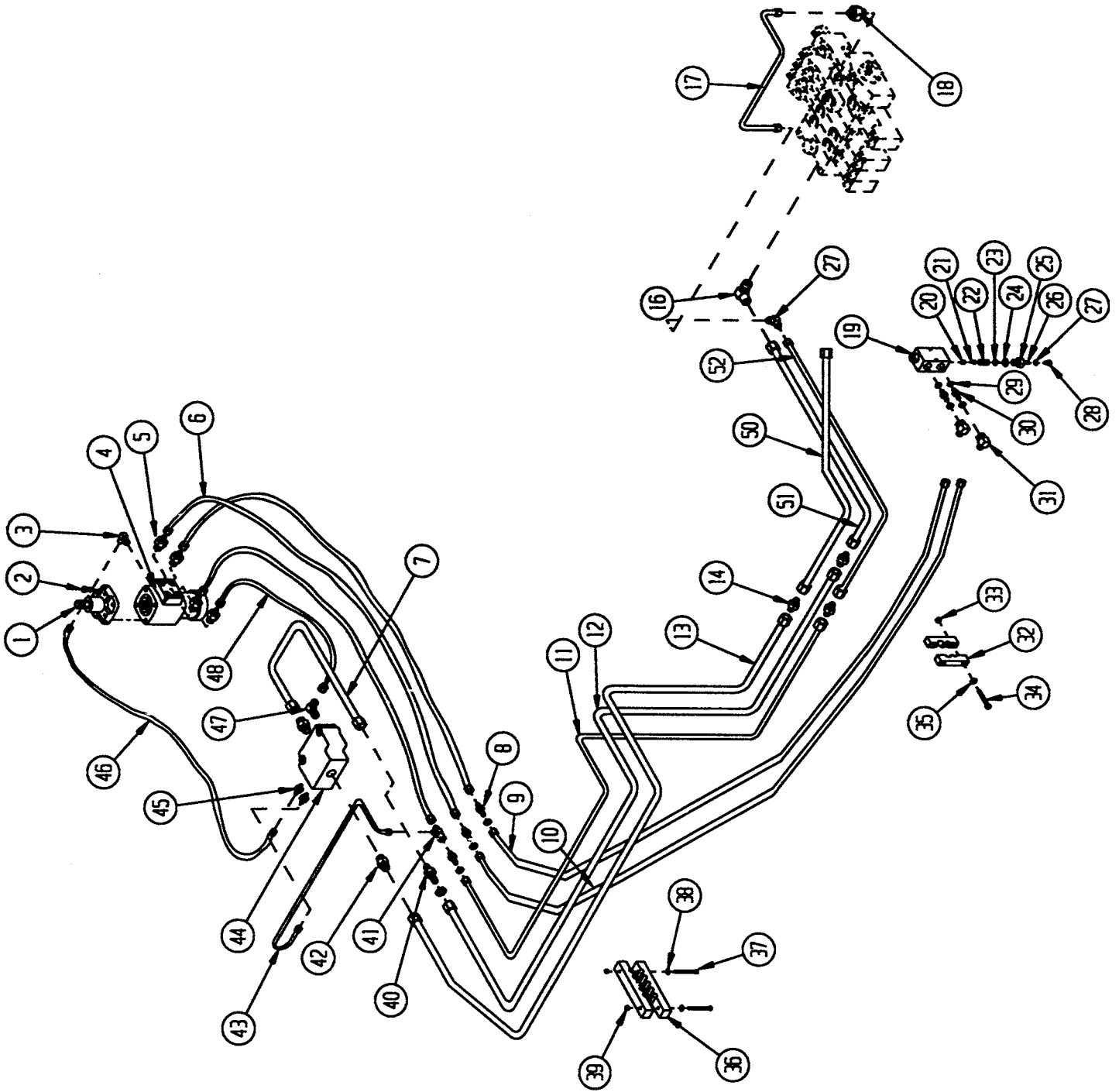
HEADER CYLINDERS



HEADER CYLINDERS

REF NO	PART NO	DESCRIPTION	QTY
1	6005-1062	Header Cylinder	2
2	6005-0062	Hyd Ftg, 8JICM - 90° Elbow - 8ORBM	2
3	6005-0202	Hydraulic Hose, ½" x 36" - 3000 psi	2
4	6005-0044	Hyd Ftg, 8JICM-8JICM-Blkhd Tee-8JICM	1
5	6005-1631	Hyd Tube - Accumulator to Tee Seed	1
6	6001-0293	U-Bolt	1
7	6005-0060	Hyd Ftg, 8JICM - 8JICM - Tee - 8JICF	1
8	6005-1215	Hyd Tube - Accumulator to Restrictor	1
9	6005-0067	Hyd Ftg, 90° Elbow 8JICM-12ORBM	1
10	7005-0363	Hyd Ftg, Strt 8JICM-6ORBM	2
11	7005-0201	Restrictor	1
12	7005-0219	Header Lift Valve Body	1
13	6005-0936	Hyd Tube	1
14	6020-0995	Accumulator Bracket	1
15	6005-1607	AccumulatorT	1
	6005-1608	Accumulator Bladder Kit	AR
16	6005-1658	Hyd Ftg, Strt 8JICM-12ORBM	1
17	6005-0532	Cylinder Barrel	1
18	6005-1099	Hydraulic Cylinder Overhaul Kit	1
19	6005-1098	Packing Nut	1
20	6005-0529	Head Cap Screw	1
21	6005-0528	Piston	1
22	6005-0531	Cylinder Shaft, 2½" Diameter	1

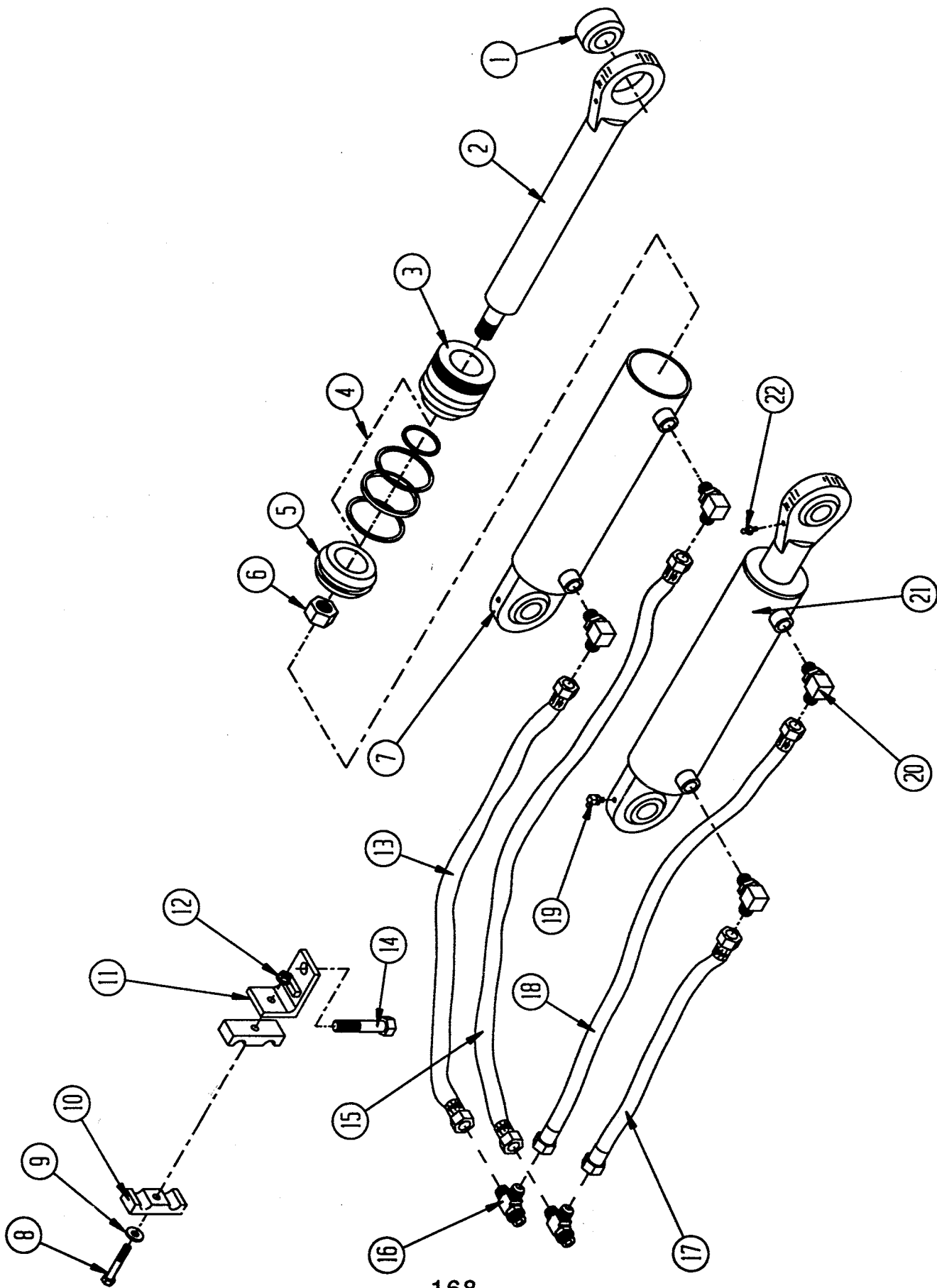
STEERING CONTROL



STEERING CONTROL

REF NO	PART NO	DESCRIPTION	QTY
1	6007-0127	Steering Column Adapter	1
2	0002-0779	12 Pt 3/8" - 16 x 1" Capscrew	4
3	6005-0099	Hyd Ftg, 4JICM - 90° Elbow - 6ORBM	1
4	6005-0015	Steering Orbitrol	1
5	6005-0048	Hyd Ftg, 8JICM - Straight - 8ORBM	4
6	6005-0206	Hyd Hose, 1/2" x 42" - 3500 psi	3
7	6005-0928	Hydraulic Tube, Priority Valve to Bulkhead	1
8	6005-0041	Hyd Ftg, 8JICM - StrtBulkhead - 8JICM	3
9	6005-2077	Hyd Hose, .5 x 128" 8JICF-8JICF	1
10	6005-2076	Hyd Hose, .5 x 130" 8JICF-8JICF	1
11	6005-0942	Hyd Tube, Bulkhead to Tee Return (2pcs)	1
12	6005-0935	Hydraulic Tube, Bulkhead to Valve (2pcs)	1
13	6005-0927	Hyd Tube, Bulkhead to Priority Valve (2pcs)	1
14	6005-0102	Hyd Ftg, 12JICM - Straight - 12JICM	2
15	6005-1750	Hyd Fitting, Elbow 90° 8JICM-8JICM	1
16	6005-0066	Hyd Ftg, 12JICM - 90° Elbow - 16ORBM	1
17	6005-0934	Hyd Tube, Return to Valve	1
18	6005-0647	Hyd Ftg, Strt 8JICM-16ORBM	1
19	7005-0083	Cushion Valve, Steering	1
20	6005-0474	Poppet Seat	1
21	6005-0475	Relief Poppet	1
22	60050476	Spring	1
23	6005-0477	Adjusting Guide	1
24	6005-0372	O-Ring, #8 Hydraulic Fitting	1
25	6005-0480	Spring Cap	1
26	6005-0479	Adjusting Screw	1
27	6005-0482	Small O-Ring	1
28	6005-0481	Plug	1
29	6005-0327	O-Ring, #8 Hydraulic Fitting	2
30	6005-0600	Hyd Ftg, 8JICM - Spec Bulkhead - 8ORBM	2
31	6005-0455	Hyd Ftg, 8JICF - 90° Elbow - 8JICM	2
32	6020-0908	Tube Clamp, White UHMW	2
33	0002-0247	Nut, Serrated Flange 5/16" - 18	2
34	0002-0089	Bolt, Hex 5/16" - 18 x 2 1/2"	2
35	0002-0260	Washer, Flat 5/16"	2
36	1027-0074	Tube Clamp, UHMW	6
37	0002-0118	Bolt, Hex 3/8" - 16 x 3"	6
38	0002-0002	Washer, Flat 3/8"	6
39	0002-0248	Nut, Serrated Flange 3/8" - 16	6
40	6005-0042	Hyd Ftg, Bulkhead 12JICM-12JICM	1
41	6005-0061	Hyd Ftg, Tee 8JICM-8JICF-8JICM	1
42	6005-0049	Hyd Ftg, 12JICM - Straight - 12ORBM	2
43	6005-0926	Hydraulic Tube, Priority Valve to Tee	1
44	6005-1976	Priority Flow Divider	1
45	6005-0047	Hyd Ftg, 6JICM - Straight - 6ORBM	2
46	7005-0248	Hyd Hose, 1/4" x 36" - 2750 psi	1
47	6005-0062	Hyd Ftg, 8JICM - 90° Elbow - 8ORBM	1
48	6005-0202	Hydraulic Hose, Steering	1
49	6005-1738	Hydraulic Tube, Bulkhead to Priority Valve	1
50	6005-1739	Hydraulic Tube, Bulkhead to Priority Valve	1
51	6005-1740	Hydraulic Tube, Bulkhead to Priority Valve	1

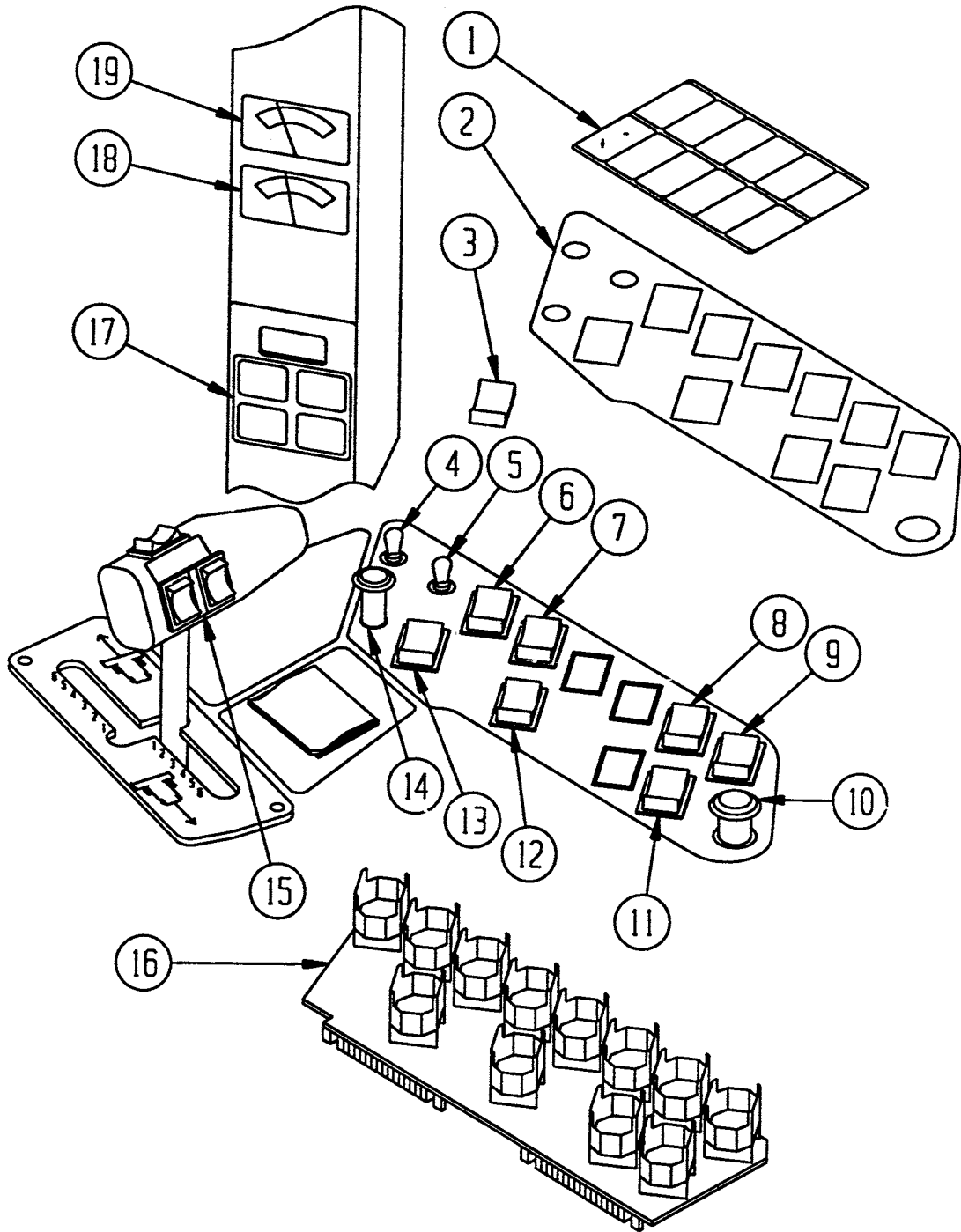
STEERING CYLINDERS



STEERING CYLINDERS

REF NO	PART NO	DESCRIPTION	QTY
1	6005-0473	Spherical 1¼" I.D. Insert	2
2	6005-1403	Cylinder Shaft	AR
3	6005-1406	Gland Packing	AR
4	6005-1409	Steering Cylinder Seal Kit	AR
5	6005-1405	Piston	AR
6	6005-1407	Locknut	AR
7	6005-1404	Cylinder Barrel	AR
8	0002-0116	Bolt, Hex ⅜ - 16 X 2 ½"	1
9	0002-0002	Washer, Flat ⅜"	1
10	1027-0097	Clamp, Tube	2
11	6020-0731	Mounting Angle, Clamp	1
12	0002-0248	Nut, Serrated Flange ⅜" - 16	1
13	7005-0353	Hydraulic Hose, ½ x 72" - 2500psi	1
14	0002-0177	Bolt, Hex ⅜ - 11 X 3¼"	1
15	6005-1214	Hydraulic Hose, ½ x 84" - 2500psi	1
16	6005-0068	Hydraulic Fitting, 8ORB Male - 8JIC Male - Tee - 8JIC Male	2
17	6005-0205	Hydraulic Hose, ½ x 24" - 2500psi	1
18	6005-0202	Hydraulic Hose, ½ x 36" - 2500psi	1
19	1015-0145	Grease Zirk, 90° ⅜ NPT	2
20	6005-0062	Hydraulic Fitting, 8JIC Male - 90° Elbow - 8ORB Male	4
21	6020-0712	Steering Cylinder 4 x 12"	2
22	1015-0027	Grease Zirk, Straight ⅜ NPT	2

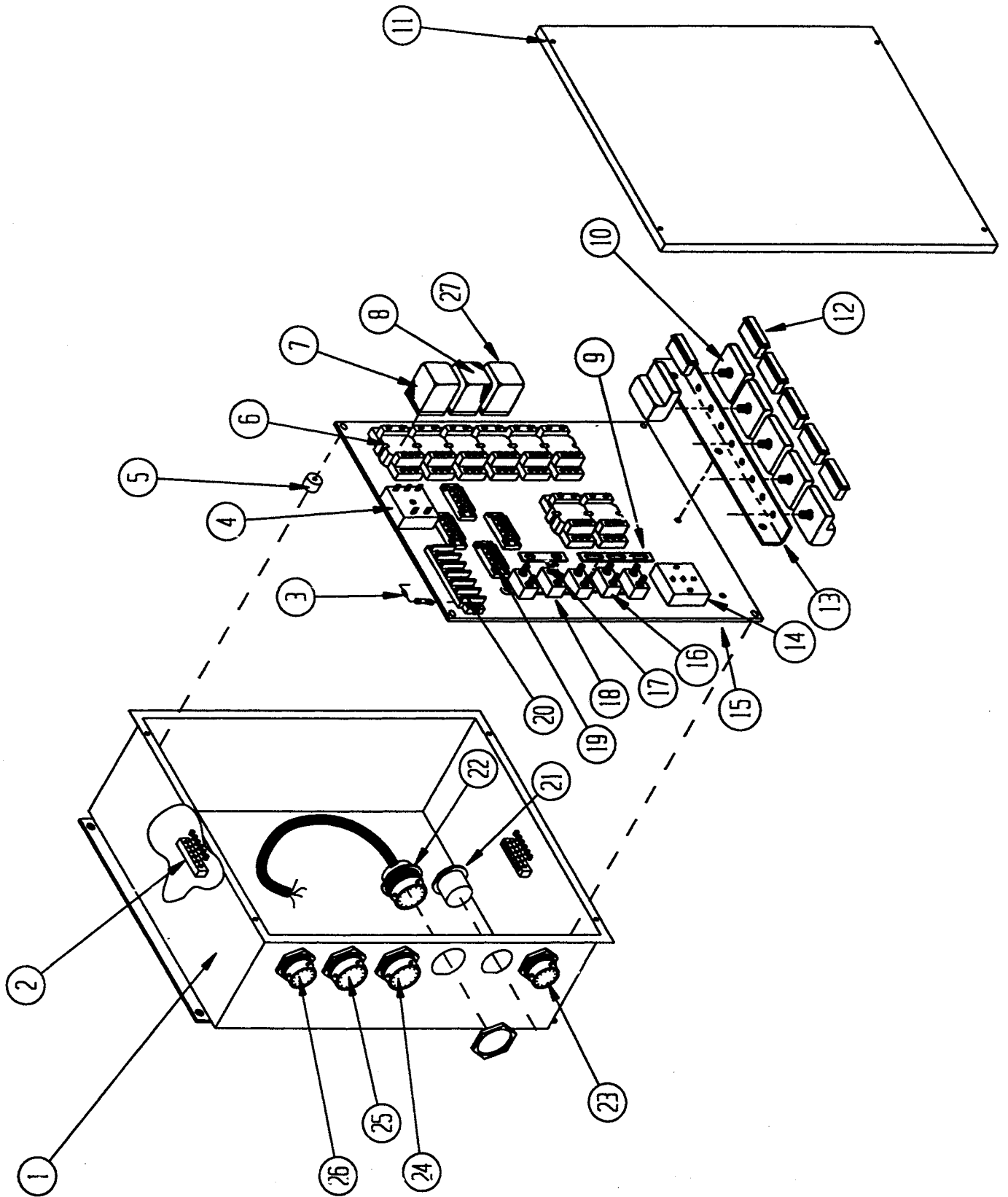
SWITCHES & GAUGES



SWITCHES & GAUGES

REF NO	PART NO	DESCRIPTION	QTY
1	3000-0336	Decal Kit, Cab Switches	1
2	3000-0338	Decal, Arm Rest Switches	1
3	1040-0795	Switch Cover	8
4	1040-0819	Switch, Toggle - Header - On & Off	1
5	1040-0819	Switch, Toggle - Cleaning Fan - On & Off	1
6	1040-0787	Switch, Engine RPM - Increase & Decrease	1
7	1040-0787	Switch, Dump-box - Dump & Return	1
8	1040-0787	Switch, Stalk Ejector Reversing	1
9	1040-0787	Switch, Discharge Hoods - Up & Down	1
10	7001-0502	Cigarette Lighter	1
11	1040-0787	Switch, Fan RPM - Increase & Decrease	1
12	1040-0787	Switch, Dump-box - Raise & Lower	1
13	1040-0787	Switch, Head Speed - Increase & Decrease	1
14	1040-0814	Button Switch, Conveyor - On & Off	1
15	1040-1016	Switch Cluster, Ground Drive Lever	1
16	1040-0798	Circuit Board, Modified	1
17	1040-0620	Gauge, Tach & Speedometer	1
18	1040-0818	Gauge, Water Temp.	1
19	1040-0817	Gauge, Fuel Level	1

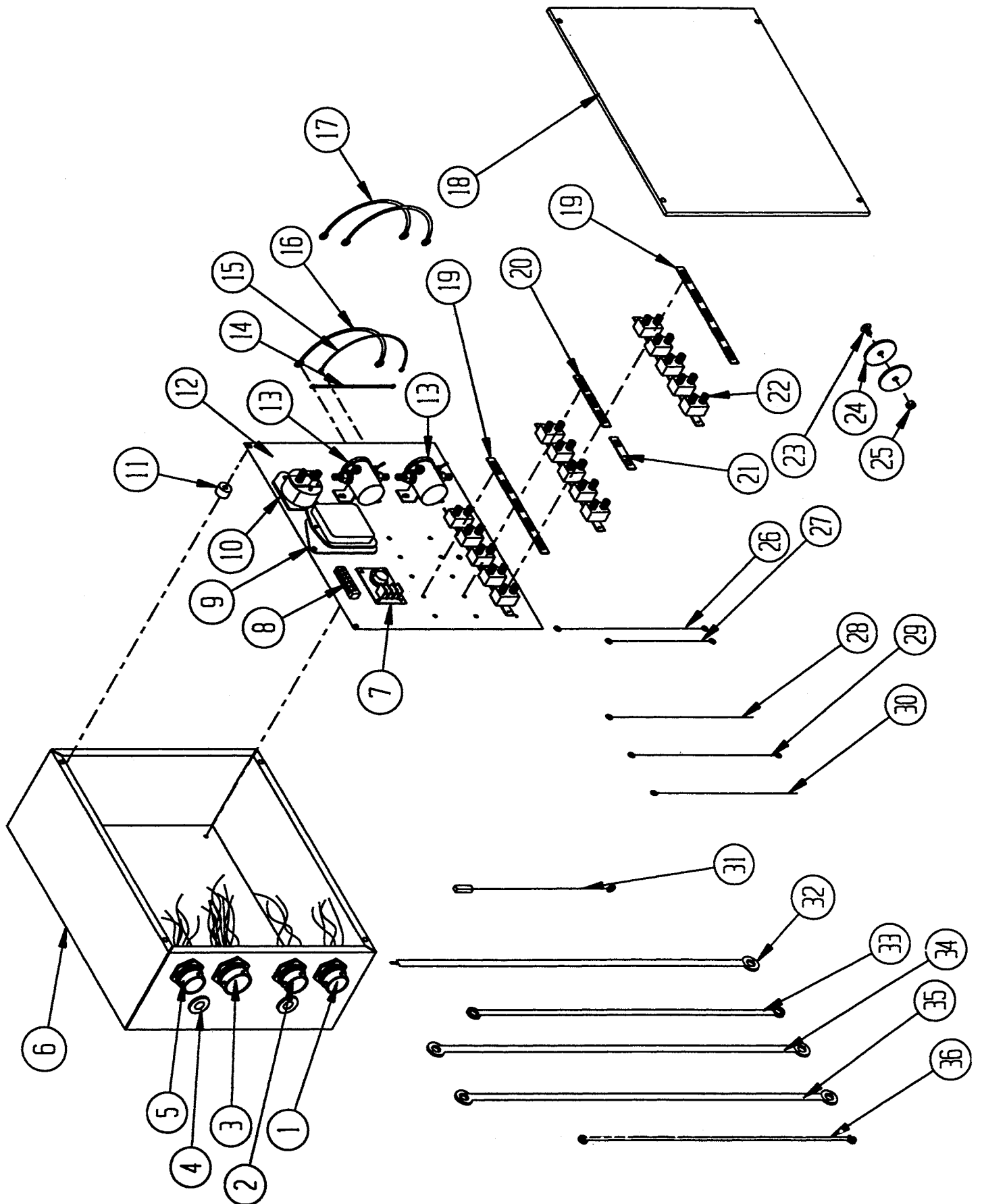
FAN BOX



FAN BOX

REF NO	PART NO	DESCRIPTION	QTY
1	6030-0482	Fuse Box, Cleaning Frame	1
2	1040-0466	Grounding Bar	2
3	1040-0569	Diode, Axial 12V 10 Amp	6
4	1040-0615	Timer for Flasher	1
5	6030-0361	Spacer, Insulative Nylatron - Fuse Box	4
6	1040-0431	Relay Socket	9
7	1040-0663	Relay, General Purpose 2 PDT 10A Dust Covered	1
8	1040-0464	Relay, General Purpose 3 PDT 10A Dust Covered	8
9	1040-0603	Bar Relay 3 Terminal Plate Alum.	1
10	1040-0629	Relay, Reversing Module 12V 20A	7
11	1040-0855	Cover	1
12	1040-0630	Connector for Reversing Relay	7
13	1040-0678	Plate, Bracket Fuse Box	1
14	6007-0088	Relay Hi-Low Beam Switch	1
15	6030-0358	Electrical Panel, Cleaning Frame	1
16	1040-0461	Spring Clip, Relay Hold Down	9
17	1040-0660	Bar, Relay 2 Terminal Plate Alum.	1
18	1040-0619	Circuit Breaker, 15 Amp	5
19	1040-0434	Barrier Strip	3
20	1040-0467	Terminal Block 6 Position	1
21	1040-0895	Plug	1
22	1040-0745	Wire Harness, Functions	1
23	1040-0746	Wire Harness, Fan Frame	1
24	1040-0742	Wire Harness, Steering Column	1
25	1040-0743	Wire Harness, Cab Functions	1
26	1040-0744	Wire Harness, Power	1
27	1040-1111	Relay General Purpose 3PDT 15 Amp	3

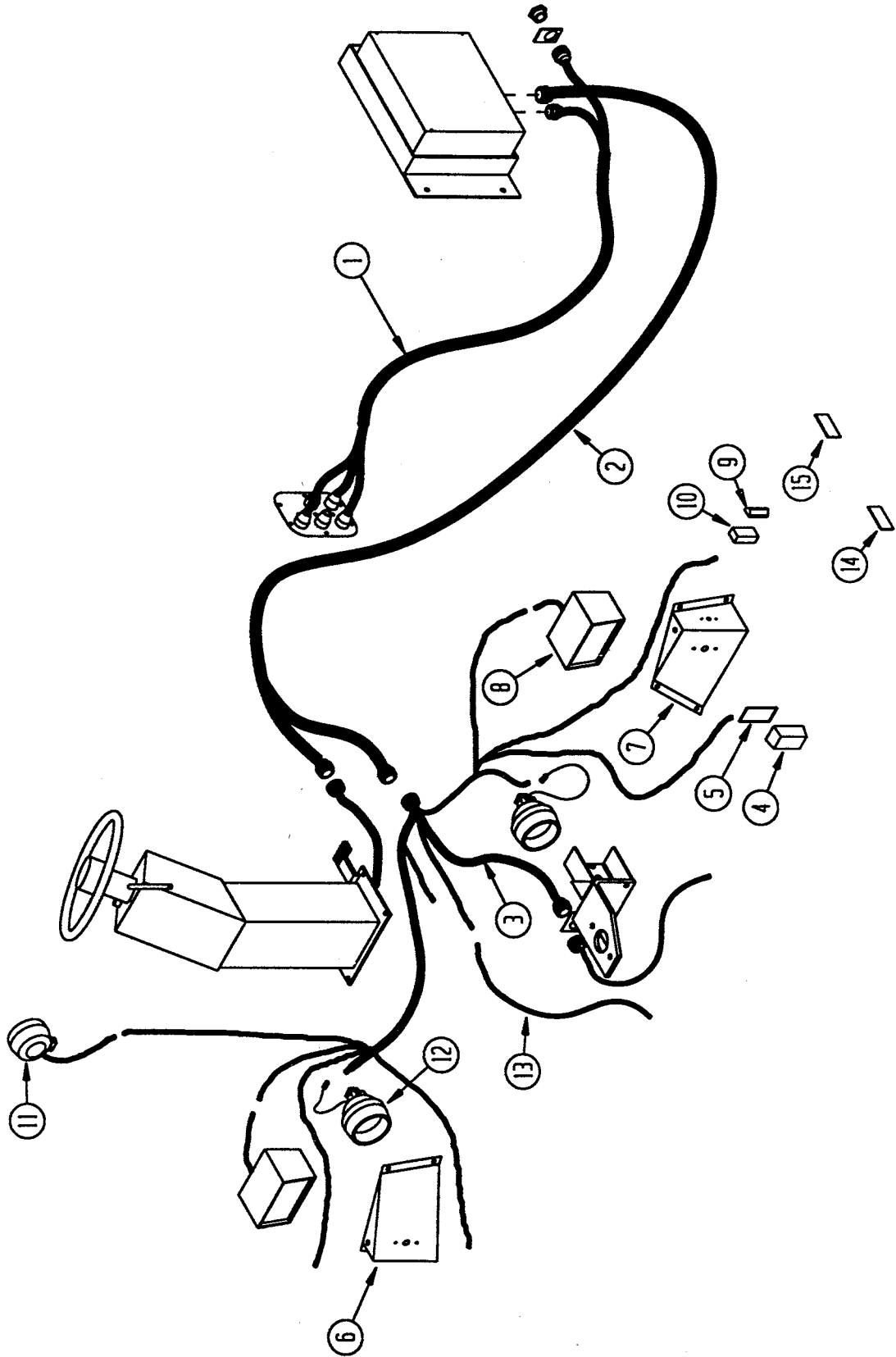
ENGINE BOX



ENGINE BOX

REF NO	PART NO	DESCRIPTION	QTY
1	1040-0750	Engine Box Harness DF	1
2	1040-0749	Engine Box Harness DG	1
3	1040-0748	Engine Box Harness CC	1
4	1040-0058	Grommet .687 x 1.000 x 1.312 x .187 Mat	2
5	1040-1110	Engine Box Harness DE	1
6	6030-0481	Electrical Box, Engine	1
7	1040-0863	Diode for John Deere Tachometer	1
8	1040-0466	Ground Bar	1
9	1040-0462	Regulator, 130 Amp Alternator	1
10	1040-0054	Solenoid	1
11	6030-0361	Spacer Insulative Nylatron-box Fuse	4
12	6030-0349	Mounting Plate Engine Box	1
13	1040-0227	Relay, Accessory 80 amp	2
14	1040-0573	Wire, Ground Jumper Acc to Acc	1
15	1040-0608	Wire, Ign. Relay to Buss	1
16	1040-0572	Wire, Jumper - Acc to Acc	1
17	1040-0605	Wire, Accessory Relay Jumper	3
18	6030-0855	Cover, Electrical Box	1
19	1040-0904	Bar, Relay 5 Terminal Straight	2
20	1040-0603	Bar Relay 3 Terminal Plate Alum. 080	1
21	1040-0660	Bar Relay 2 Terminal Plate Alum. 080	1
22	1040-0619	Circuit Breaker 15 Amp	3
	1040-0468	Circuit Breaker 20 Amp	8
	1040-0057	Circuit Breaker 30 Amp	1
	1040-0618	Circuit Breaker 40 Amp	2
	1040-1011	Circuit Breaker 50 Amp	1
23	0002-0483	Screw, ¼ - 20 x ½"	1
24	1040-0895	Plate, Hole Plug	2
25	0002-0239	Nut, ¼" - 20 Nyloc	1
26	1040-0703	Wire, Top Acc Relay to Regulator Top Terminal	1
27	1040-0607	Wire, Jumper Breaker to Breaker	1
28	1040-0575	Wire, Ground to Starter Relay	1
29	1040-0606	Wire, Acc Power to Starter	1
30	1040-0574	Wire, Ground to Acc	1
31	1040-0706	Lockout to Field Terminal on Alt	1
32	1040-0576	Ground to Rear Frame	1
33	1040-0799	Wire, Acc Relay to Alt	1
34	1040-0800	Wire, Starter to Starter Relay	1
35	1040-0579	Wire, Acc Relay to Starter	1
36	1040-0708	Wire, Alt. to Ground Bar	1

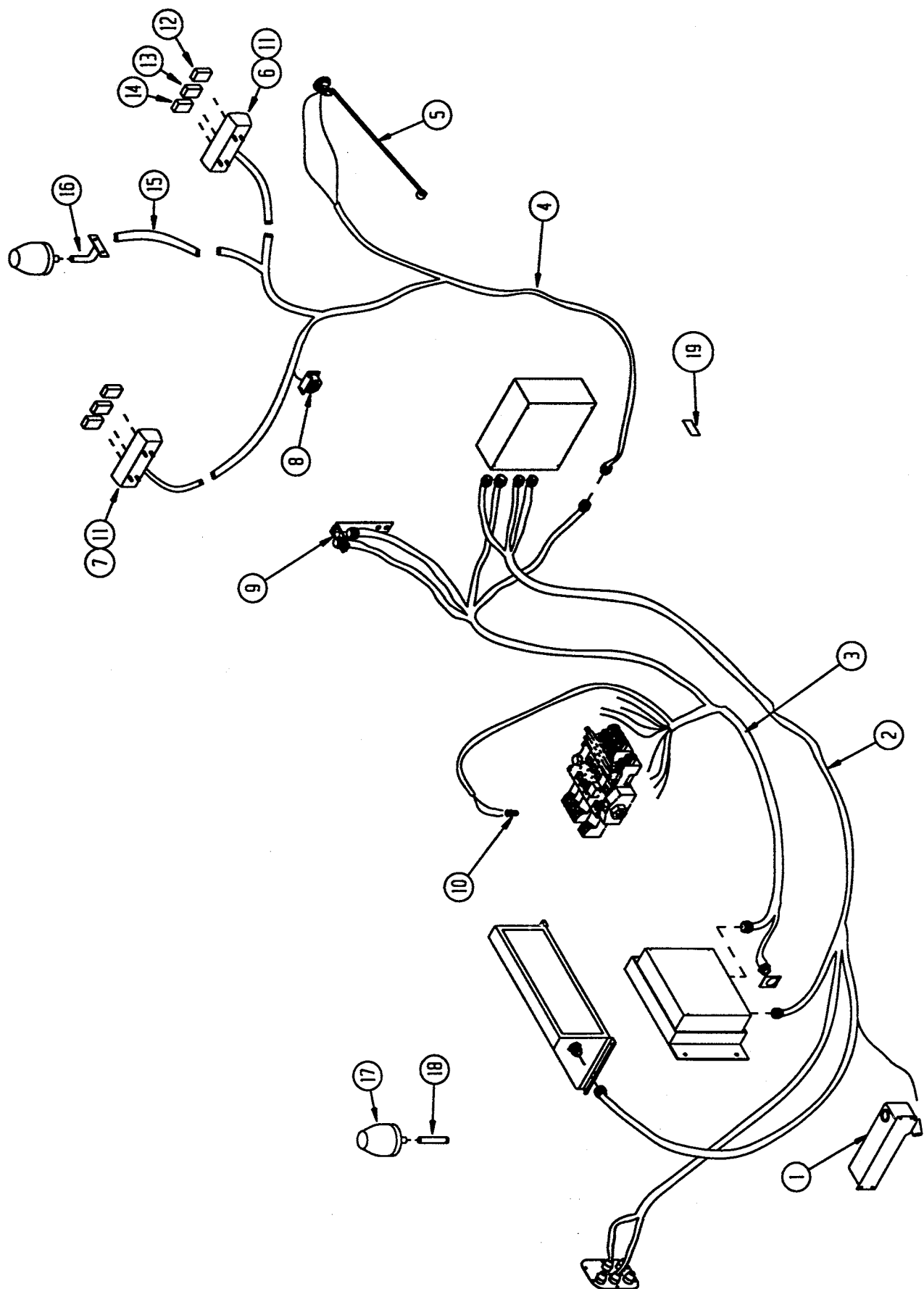
CAB HARNESS



CAB HARNESS

REF NO	PART NO	DESCRIPTION	QTY
1	1040-1198	Harness, Cab Function	1
2	1040-1127	Harness, Steering Column to Fan Box	1
3	1040-1168	Light Harness under Cab	1
4	1040-1151	Amber Flashing Light	2
5	1040-1160	Gasket	2
6	6007-0888	Light Mount, R.H.	1
7	6007-0889	Light Mount, L.H.	1
8	1040-0952	Light E Certified	2
9	1040-1154	Amber Side Light	2
10	1040-1155	Mount Side Light	2
11	7001-0532	Light	1
12	6007-0026	Light	2
13	1040-0754	Harness, Header Tach (Std Corn Head)	1
14	6014-0114	Side Reflector (Amber)	1
15	6014-0115	Rear Reflector (Red)	1

MAIN HARNESS



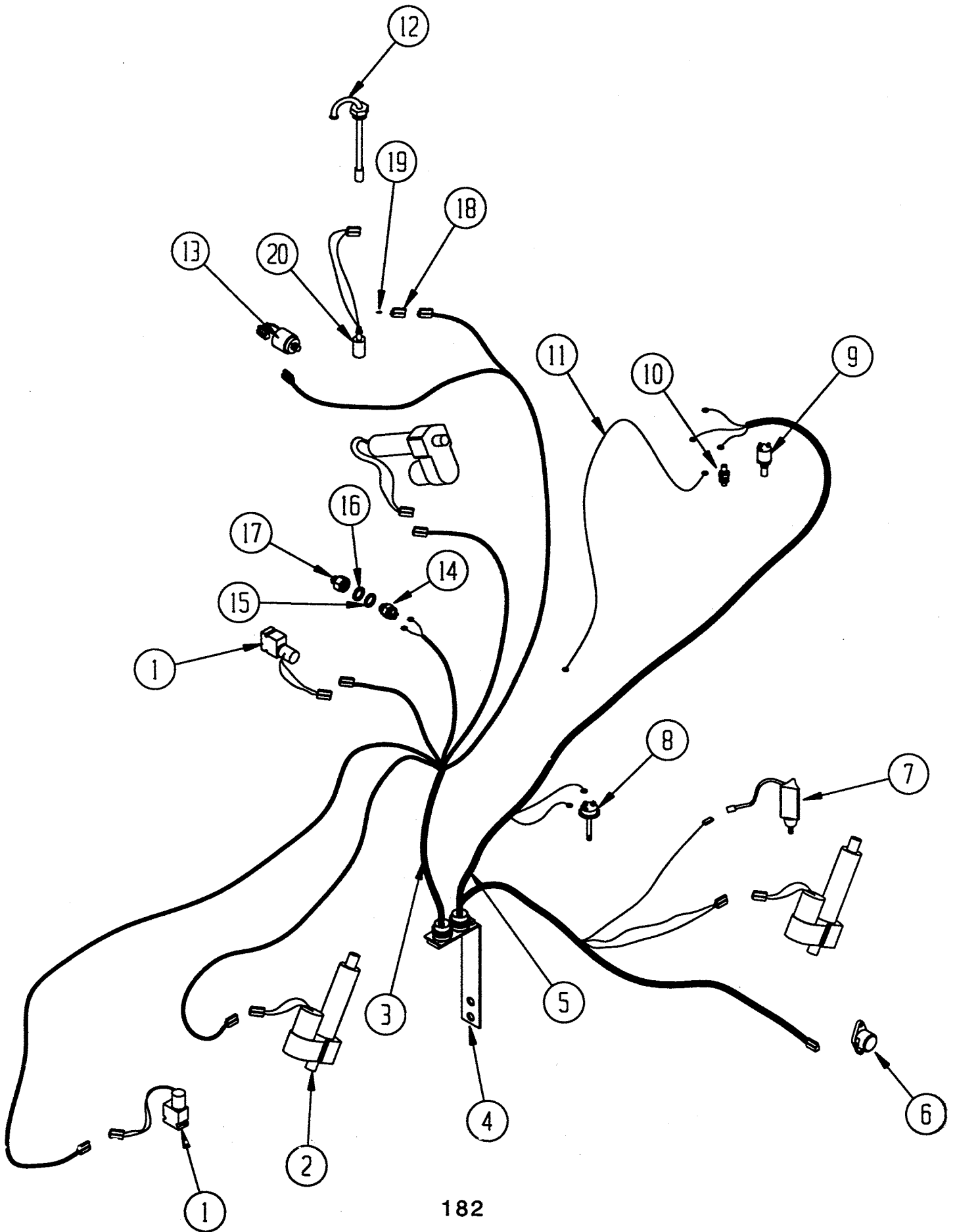
MAIN HARNESS

REF NO	PART NO	DESCRIPTION	QTY
1	6020-0435	Washer Fluid Reservoir	1
2	1040-1107	Wire Harness Power	1
3	1040-1194	Wire Harness, Fan Box to Function	1
4	1040-1203	Wire Harness, Tail Light	1
5	7001-0176	Fuel Sender 240 OHM	1
6	1040-1177	Rear Position Lamp, L.H. Assembly	1
7	1040-1166	Rear Position Lamp, R.H. Assembly	1
8	1040-0450	Back-up Alarm	1
9	6020-0443	Bulkhead Electrical/Engine	1
10	1040-0007	Tach Sender	1
11	1040-1209	Case Replacement	1
12	1040-1206	Amber Lamp Replacement	1
13	1040-1207	Tail/Stop Lamp Replacement	1
14	1040-1208	Reverse Lamp Replacement	1
15	1040-1100	Harness, Strobe Light	1
16	1040-0979	Strobe Light Mount, Rear	1
17	1040-0956	Strobe Light	1
18	1040-0978	Strobe Light Mount, Screw Type	1
19	6014-0114	Side Reflector	1

FAN HARNESS

REF NO	PART NO	DESCRIPTION	QTY
1	6007-0026	Light, Cab Rear	2
2	6010-0430	Actuator, Linear 75 Lbs. 24 Volt	1
3	1040-0007	Sender Tach, Short	1
4	6003-0341	Actuator, Linear 500 Lbs.	1
5	6007-0026	Light, Auxiliary Elevator	1
6	1040-0318	Insulator	1
7	1040-0729	Wire Harness, Aux. Light Elevator	1
8	1040-0739	Fan Box Wire Harness, Seedy	1
9	6003-0389	Weldment, Frame Electrical Box	1
10	1040-0317	Terminal	1

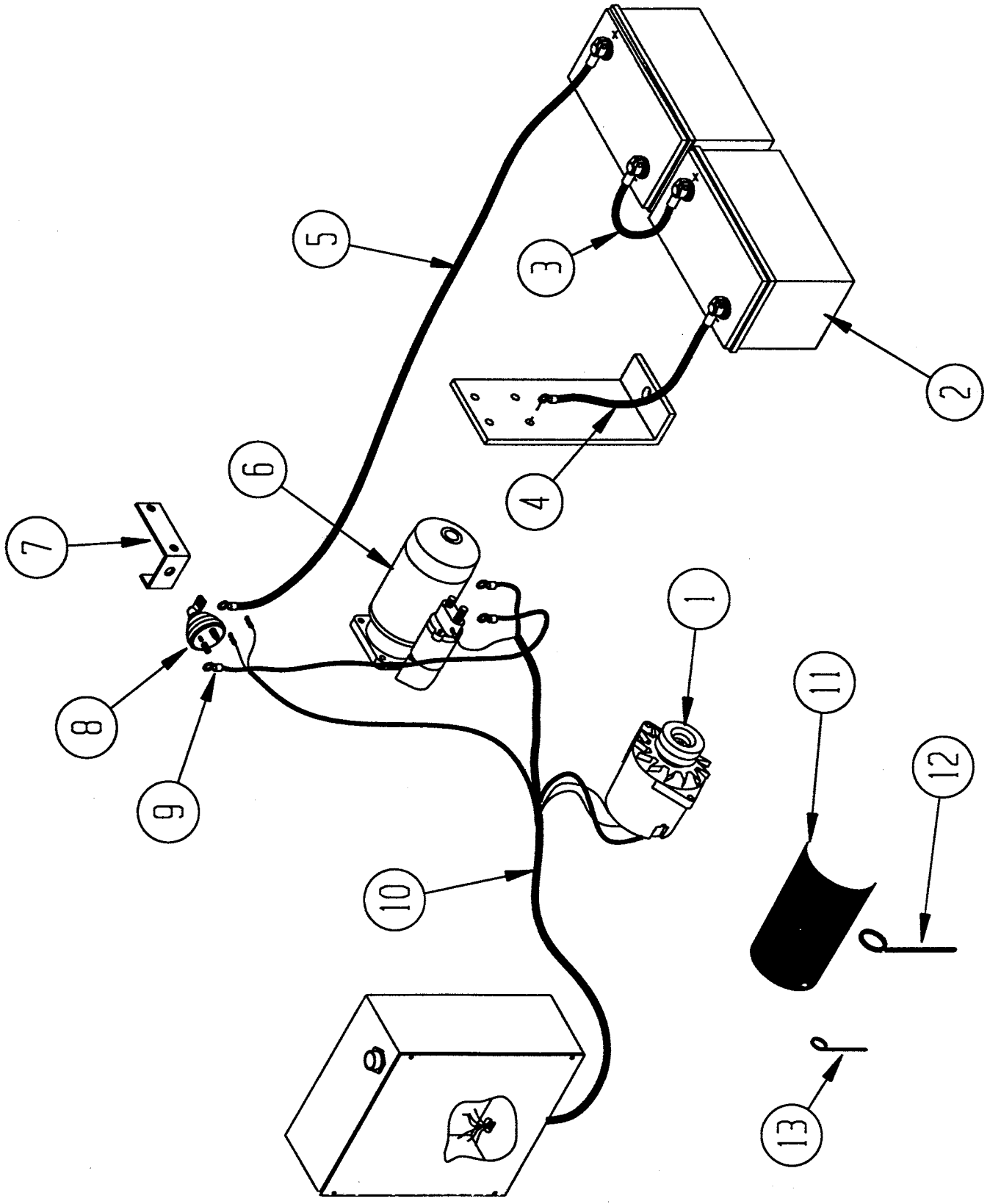
ENGINE HARNESS



ENGINE HARNESS

REF NO	PART NO	DESCRIPTION	QTY
1	7005-0195	Solenoid Valve, Fan	2
2	6010-0430	Actuator Linear 75 Lb 24 Volt	3
3	1040-0736	Wire Harness, Pump Drive Function (CF)	1
4	6020-0443	Bulkhead, Engine Electrical	1
5	1040-1145	Wire Harness, Engine	1
6	1040-0816	Sender, Engine Tach	1
7	1040-0930	Fuel Shut Off, Three Wire	1
8	1040-0770	Switch, Oil Pressure (Pressure Stat)	1
9	1040-0769	Switch, Hot Engine Warning	1
10	1040-0076	Sender, Water Temp Gauge	1
11	1040-0812	Wire Jumper, Alarm Stat to Oil PressureSensor	1
12	6001-0532	Sensor Tube	1
13	6000-0036	Sender, Hydraulic Oil Filter	1
14	6005-0383	Switch Neutral Start	1
15	6005-1445	O-Ring	1
16	6005-1446	O-Ring	1
17	6005-0384	Adapter Kit for Neutral Switch	1
18	1040-0632	Connector	1
19	1040-0317	Terminal	2
20	1040-0075	Hydraulic Oil Level Switch	1

BATTERY LOCKOUT



BATTERY LOCKOUT

REF NO	PART NO	DESCRIPTION	QTY
1	1040-0455	Alternator, 130 Amp (7.6 liter engine)	1
	1040-1105	Alternator (8.1 liter engine)	1
2	1040-0050	Battery, 6 Volt	2
3	1040-0180	Wire, Jumper	1
4	1040-0052	Cable, Battery Ground	1
5	1040-1045	Cable, Battery Positive	1
6	6001-0959	Starter	1
7	6001-1468	Mounting Flat	1
8	1040-0540	Master Disconnect Switch	1
9	1040-1044	Wire Starter to Master Disconnect	1
10	1040-0577	Wire, #90(53") Relay to Alternator	1
	1040-0579	Wire, #92(72") Power to Solenoid	1
	1040-0705	Wire, # 3(60") Lockout to Regulator	1
	1040-0706	Wire, # 4(74") Alternator to Lockout	1
	1040-0800	Wire, #93(68") Starter Relay to Solenoid	1
11	1040-0877	Alternator Screen	1
12	6001-0669	Zip Tie, Large	4
13	6001-0668	Zip Tie, Small	4