



Parts & Service Manual for RDS Spreader



Monroe Snow & Ice Control
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General Information

- Use only Monroe Truck Equipment O.E.M. replacement parts. Failure to do so will void the warranty.
- Location descriptions are noted in direction of travel (i.e. front, rear, left and right).
- Delivery of replacement parts is subject to our sales delivery terms.
- Replacement parts listed in this manual reflect the most common items for this product. If you do not find the part you require, please call your distributor.
- Monroe Truck Equipment reserves the right to make revisions or alterations to the parts manual at any time.

How to Order Parts

To order or inquire about replacement parts, please contact the distributor or store that the product was purchased through. To speed the information flow, please have the following information available:

- Model Number
- Serial Number
- Part Number and/or Description of the Part
- Quantity Needed

For further information about Monroe Truck Equipment replacement parts, please call 877-834-9049.

Return Policy

Merchandise returned to Monroe Truck Equipment must have a Warranty Service Request (WSR) form filled out completely and signed by authorized personnel.

To get your WSR form for whole goods, call Snow & Ice Sales at 800-880-0109.

To get your WSR form for replacement parts, call Warranty at 877-834-9049..

All returned items are subject to a 15% restocking fee and ***must be sent freight pre-paid.***

Safety Instructions

WARNING

Before working under the vehicle or around the spreader, shut off the truck engine and remove the key from the ignition. Prevent accidental startup and operation of the spreader to avoid personal injury!

- Locate and read all safety decals on the unit before operating the equipment. Familiarize yourself with all potential hazards in operating this equipment.
- Read all installation, operation, and maintenance instructions before operating the equipment.
- Keep all provided shields, covers, and guards in place during operation of the unit.
- Stay away from moving chains, gears, and augers. Hands, feet, hair, and clothing can become entangled in moving parts, causing death or severe injury.
- Stay away from the spinner when it is rotating. The spinner can throw granular material with great force and can cause severe eye injury or blindness.
- Never enter the Spreader unless the vehicle is turned off and the ignition key is removed. Follow lock-out/tag procedures for working on hazardous equipment.
- If the augers or conveyor jams or the granular material is frozen in the box, shut down and lock-out/tag the engine and hydraulic system, then clean out the box to free up the augers or conveyor.
- Watch for hydraulic fluid leaks at fittings and hoses. High-pressure fluid leaks can penetrate skin and cause severe injury.
- Do not climb on the Spreader unless ladders or steps are provided, especially when the unit is wet or icy.
- If the Spreader needs repair or the controls are not functioning properly, repair the unit immediately. Do not continue to operate a malfunctioning unit
- further and more serious damage may occur.

Safety Decal Signal Words

DANGER

DANGER (*Red*) indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

WARNING (*Orange*) indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

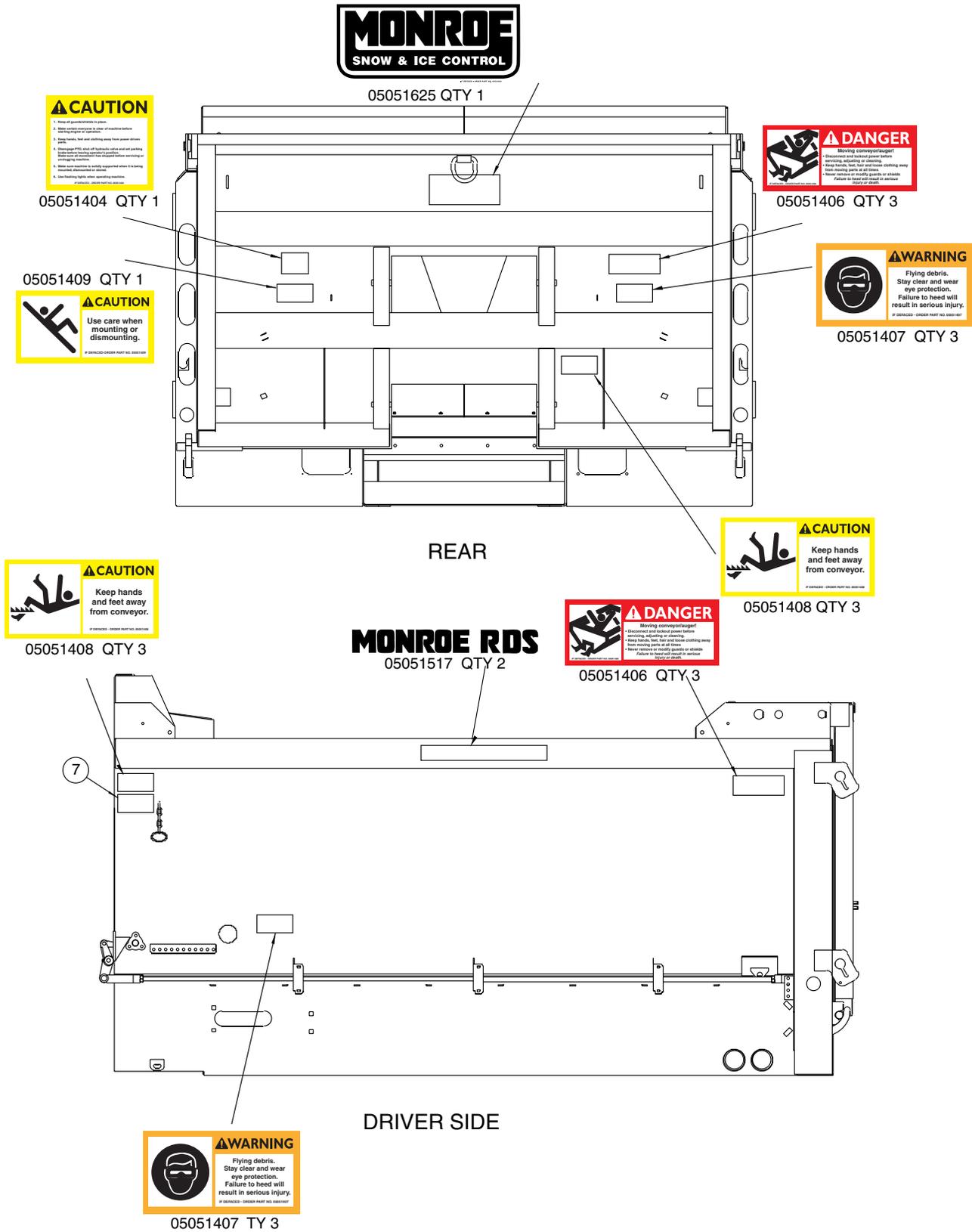
CAUTION

CAUTION (*Yellow*) indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION

CAUTION (*Yellow*) used without the safety risk alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

Safety Decal Location



DECALS NOT SHOWN ON THIS ILLUSTRATION

WARNING
Do not attach handle when air system is operational. Actuating the cylinder will result in sudden rotation of the handle. Incorrect assembly could result in serious injury.
IF DEFACED - ORDER PART NO. 05052427

05052427 QTY 1

OPERATION OF BODY PROP

1. Raise body to full height and shut off all power.
2. Raise prop to upright position.
3. Lower body slowly until body bracket contacts prop.
4. DO NOT POWER HOIST DOWN.

05051514 QTY 2

DANGER
DO NOT GO UNDER RAISED BODY IT MAY DROP AND KILL YOU
OPERATE HOIST CONTROLS ONLY FROM INSIDE TRUCK CAB

05051526 QTY 1

CAUTION
BODY MUST BE BRACED BEFORE SERVICING HOIST OR WORKING IN AREA WITH BODY IN RAISED POSITION
LUBRICATE HOIST GREASE FITTINGS OFTEN - AT LEAST EACH TIME TRUCK IS SERVICED
TRUCK MUST BE LEVEL FOR DUMPING
DO NOT OVERLOAD
IF DEFACED - ORDER PART NO. 05051523

05051523 QTY 1



QUALITY CHECK

Inspected by:

05052311

05052311 QTY 1

CAUTION
BODY MUST BE BRACED BEFORE SERVICING HOIST OR WORKING IN AREA WITH BODY IN RAISED POSITION
LUBRICATE HOIST GREASE FITTINGS OFTEN - AT LEAST EACH TIME TRUCK IS SERVICED
TRUCK MUST BE LEVEL FOR DUMPING
DO NOT OVERLOAD
IF DEFACED - ORDER PART NO. 05051524

05051524 QTY 1

DANGER
DO NOT GO UNDER RAISED BODY IT MAY DROP AND KILL YOU
OPERATE HOIST CONTROLS ONLY FROM INSIDE TRUCK CAB

05051525 QTY 1

CAUTION
UNLOAD BODY BEFORE USING BODY PROP.

05051513 QTY 2

DANGER
Warning: Gunshot/fragments
- Disconnect and lockout power source
- Disconnect and lockout air source
- Keep hands, feet, hair and loose clothing away from moving parts at all times.
- Never remove or modify guards or shields.
- Failure to heed will result in serious injury or death.

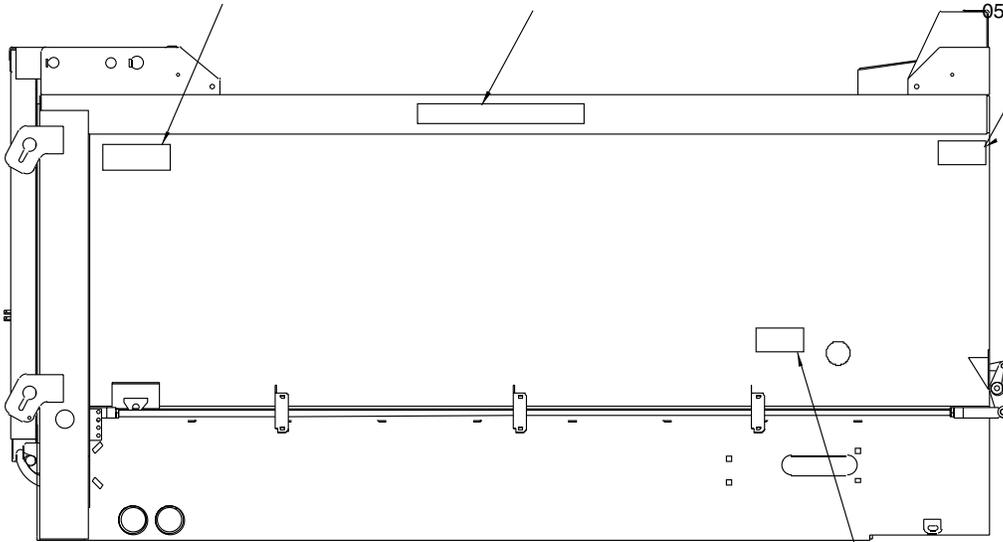
05051406 QTY 3

MONROE RDS

05051517 QTY 2

CAUTION
Keep hands and feet away from conveyor.
IF DEFACED - ORDER PART NO. 05051408

05051408 QTY 3



PASSENGER SIDE

WARNING
Flying debris. Stay clear and wear eye protection. Failure to heed will result in serious injury.
IF DEFACED - ORDER PART NO. 05051407

05051407 QTY 3

!WARNING

Before working under the vehicle or around the spreader, shut off the truck engine and remove the key from the ignition. Prevent accidental startup and operation of the spreader to avoid personal injury!

In-Season

Threaded Fasteners

- Re-torque all fasteners after the first 8 hours of use.
- Check for loose, damaged, and missing fasteners before each use.
- Inspect and re-torque all fasteners at the beginning of each snow season.

Grease Lubrication

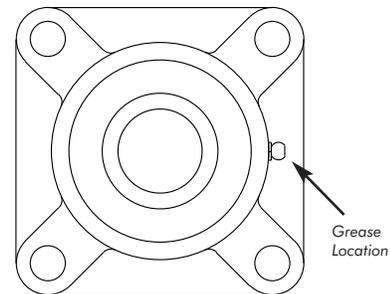
- Lubricate grease fittings every 10 hours during normal use and more often during heavy use.
- Do not over-grease sealed bearings. Grease should not be pushed out past the seals on these bearings. Refer to the greasing chart for sealed bearings.

LUBRICATION

All bearing units are factory prelubricated and, therefore, do not require supplemental grease before service life begins. Relubrication, when administered correctly, can increase the life of a bearing substantially. We recommend the following general guidelines to maximize your bearing life:

RPM	Temperature	Environmental Condition	Interval
100	32°F-120°F	Clean	6-12 months
500	32°F-150°F	Clean	2-6 months
1,000	32°F-210°F	Clean	2 wks to 2 months
1,500	Over 210°F	Clean	Daily to weekly
Any	32°F-150°F	Dirty	Weekly to monthly
Any	Over 150°F	Dirty	Daily to 2 wks
Any	Any Temp.	Very Dirty	Daily to weekly
Any	Any Temp.	Extremely Dirty	Daily to weekly

BEARING, 4-BOLT FLANGE



NOTE:

Over lubrication is a major cause of bearing failures. Please relubricate conservatively when unsure of bearing requirements. When selecting a bearing lubricant, your dealer suggest any lithium-based NLGI #2 grease. For operating temperatures higher than 210°F, please consult your dealer.

- If the hydraulic pump has a PTO driveshaft, grease the U-joints and slip joint at the same time as the other fittings.

Hydraulic System

- Tighten all hydraulic fittings after the first 8 hours of use.
- Inspect hydraulic fittings for leaks every week and tighten as required. If a hydraulic fitting continues to leak after being tightened, replace the fitting as soon as possible.
- Maintain the hydraulic oil level at the upper black line on the reservoir sight gauge. Use a high-grade, non-foaming hydraulic oil. Do not mix different types and grades of oil.
- Keep dirt and other contaminants out of the reservoir. Pour oil through filter or screen when adding oil. Never operate the system with the filler cap not installed.
- Change the hydraulic oil annually or more often if it appears milky or discolored, or if it smells burned. If the oil needs to be changed frequently, investigate for a source of contamination or system overheating.
- Change the oil filter after the first 50 hours of operation, and then every 6 months or when the pressure differential gauge indicates the filter is plugging.
- When quick-disconnects are separated, cover and cap the ends to prevent the entry of contaminants into the hydraulic system and possible impact damage to the ends.

- Inspect the hydraulic hoses for wear or damage every month.

Conveyor/Auger & Drive

- If a drive gearbox has a vent, keep the vent open and unobstructed. A blocked vent can cause seal damage.
- Check the oil level in the gearbox once a month during the in-service period.
- Change gearbox lubricant annually or more often if the oil turns milky, indicating water contamination. Use SAE 80-90 gear oil or the oil specified by the gearbox manufacturer.
- The slack on conveyor chains must be checked after the first 8 continuous hours of operation and then weekly during the in-service period. If the distance from the center of the rear sprocket and the point where the chain contacts the lower flange on the long member is less than 30", the chains must be tightened. Tighten the chains until the tension springs are compressed to approximately 5".
- Apply anti-seize lubricant to the threads on the chain adjuster bolts annually.

Routine Care

- Check the operation of the spreader before each use.
- Verify that the material gate (hopper door) jack operates smoothly through its full range.
- Verify that the conveyor runs smoothly and the spreader controller can vary the drive speed through its full range.
- Verify that the spinner runs smoothly and the spreader controller can vary the drive speed through its full range.
- Verify that the Blast function at the spreader controller is working properly (if applicable).
- If the controller uses ground speed to control the conveyor speed, verify that this function is working properly.
- Unless the vehicle is stored inside a heated building, empty the box of all granular material before parking the vehicle in freezing conditions. Wet or damp material will freeze solid inside the box, making the spreader unusable until it is thawed out.
- At the end of each storm event, remove all material from the box, then pressure-wash the underside of the chassis and the spreader, especially all horizontal surfaces. Removing salt and other chemicals regularly will prolong the life of all components.

Maintenance Schedule

- Due to the harsh operating conditions of a spreader, regular inspection and maintenance is critical to safe operation and durability of the spreader. The owner or end user must create and enforce the use of an inspection and maintenance schedule.

Off Season

- Remove all granular material from the box and pressure-wash it thoroughly to remove all dirt, salt, and other chemicals.
- When hydraulic quick-disconnects are separated, cover and cap the ends to prevent the entry of contaminants into the hydraulic system and possible impact damage to the ends.
- Inspect the spreader closely for damage and make any required repairs immediately so that the spreader is ready to be reinstalled and used at the start of the next winter season.
- If possible, store the spreader indoors or under cover to reduce rusting and UV damage to hoses.
- Rust inhibitor may be applied to the chain, sprockets, and shafts to reduce rusting during storage.

Air Tailgate Latch Linkage Adjustment

WARNING



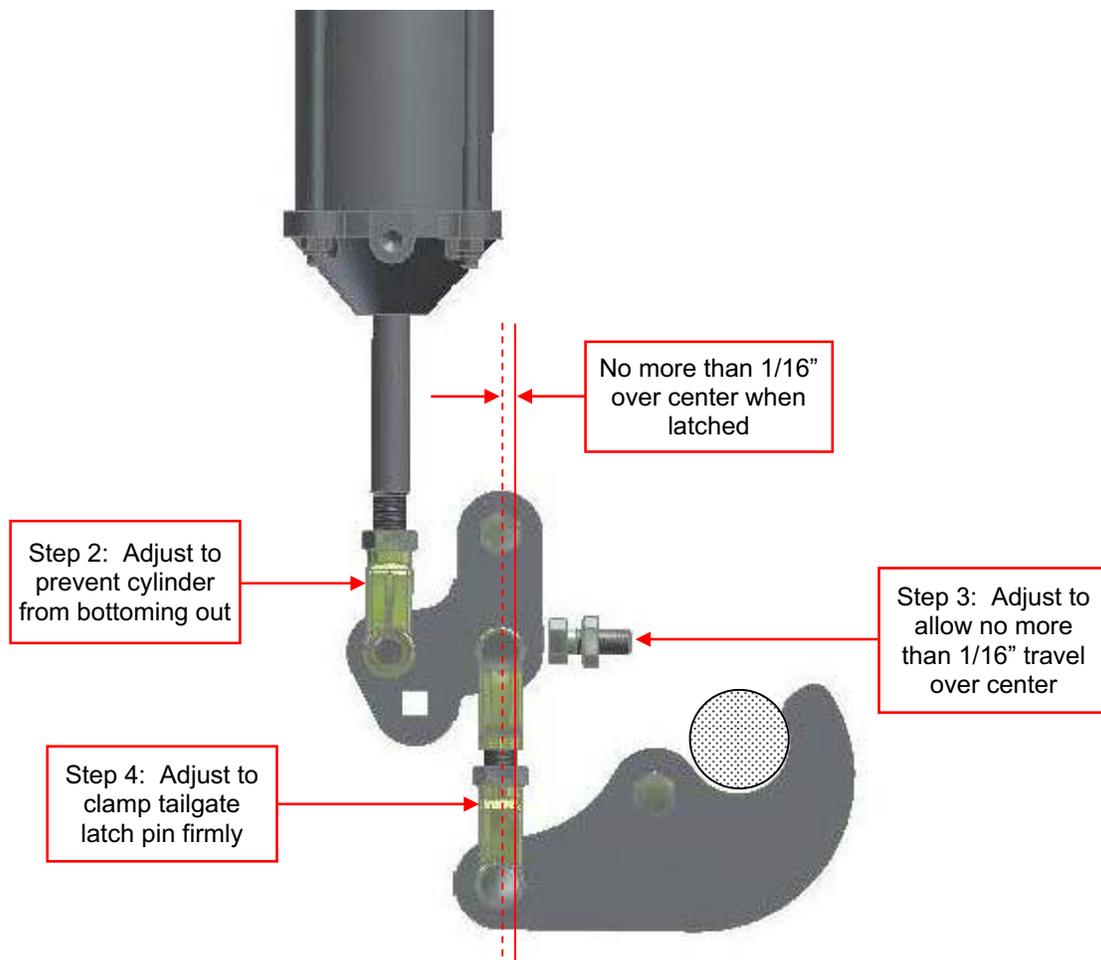
Crushing/pinching hazard.

Movement of the tailgate latch linkage can severely injure fingers and hands.

Keep hands away from the linkage when it is being operated.

Disable the air tailgate controls while working on the linkage.

1. Verify that the tailgate is closing fully against the body. Remove any dirt, sand, salt, or other material that is preventing the tailgate from closing against the body.
2. Verify that the air cylinder is not reaching the end of its travel before the latch is fully engaged. Adjust the clevis on the air cylinder rod as required to prevent over-travel. The latch link should be able to travel 1/4 to 1/2" over center with the link adjuster bolt temporarily turned all the way in.
3. Adjust the latch-link travel adjuster bolt to allow no more than 1/16" of travel past center when the air cylinder is extended. Check this with a straight edge on the upper pivot bolt in the link and on the pivot bolt in the latch hook. It may be necessary to disconnect one end of the hook linkage to allow movement of the latch link.
4. Adjust the hook linkage to achieve firm clamping force on the tailgate latch pin when the tailgate is closed fully against the body.
5. Cycle the air latches several times to verify that they are latching consistently.



Torque Chart

SIZE	 GRADE 2	 GRADE 5	 GRADE 8
1/4-20	50 IN-LBS	75 IN-LBS	9 FT-LBS
3/8-16	15 FT-LBS	23 FT-LBS	35 FT-LBS
1/2-13	35 FT-LBS	55 FT-LBS	80 FT-LBS
5/8-11	75 FT-LBS	110 FT-LBS	170 FT-LBS
3/4-10	130 FT-LBS	200 FT-LBS	280 FT-LBS
1-8	190 FT-LBS	480 FT-LBS	680 FT-LBS
1 1/4-7	380 FT-LBS	840 FT-LBS	1,360 FT-LBS

Hydraulic Trouble Shooting Chart

<p>CONDITION 1 Pump cavitation recognized by excessive noise.</p> <p>CAUSE</p> <ul style="list-style-type: none"> • Air entering system through suction lines. • Suction line kinked, twisted or too long. • Inadequate size suction line. • Oil too heavy. • Excessive pump speed. <p>CORRECTION</p> <ul style="list-style-type: none"> • Check line from reservoir for possible leaks. • Install suction line as short and straight as possible. • Increase suction line size. • Drain and replace with a low viscosity non-detergent oil. • Decrease PTO speed accordingly. 	<p>CONDITION 2 Erratic operation of conveyor and/or spinner.</p> <p>CAUSE</p> <ul style="list-style-type: none"> • Low oil. • Worn or defective motor. • Dirty, worn or defective flow control valve. • Plugged filter. • Relief valve setting too low. • Pump cavitation. • Air vent on reservoir tank is blocked. <p>CORRECTION</p> <ul style="list-style-type: none"> • Fill reservoir to a $\frac{3}{4}$ full level. • Repair or replace motor.* • Clean, repair or replace flow control.* • Replace filter element and clean filter. • Adjust relief valve for 1500 PSI. • Refer to pump section. • Clean or replace vent cap to admit atmospheric pressure to inside of the tank.
<p>CONDITION 3 Slow operation of conveyor and/or spinner.</p> <p>CAUSE</p> <ul style="list-style-type: none"> • Worn or defective pump. • Worn or defective motor. • Pump cavitation. • Insufficient pump speed. <p>CORRECTION</p> <ul style="list-style-type: none"> • Repair or replace pump.* • Repair or replace motor.* • Refer to pump section. • Increase PTO accordingly. 	<p>CONDITION 4 Conveyor and/or spinner will not operate.</p> <p>CAUSE</p> <ul style="list-style-type: none"> • Quick disconnects are dirty, damaged, or improperly connected. • Hose connections wrong. • Foreign material in valve compensator. <p>CORRECTION</p> <ul style="list-style-type: none"> • Clean or replace and properly connect. • Refer to illustration. • Remove compensator and clean.

Installation Instructions

The Monroe RDS is a heavy duty, frame-mounted, dump-style spreader body. It is designed for single or tandem axle trucks. Lengths from 10' to 16' are available as standard with both rear discharge or front and rear discharge. The following instructions are for standard installations only.

Single and Tandem Axle Trucks

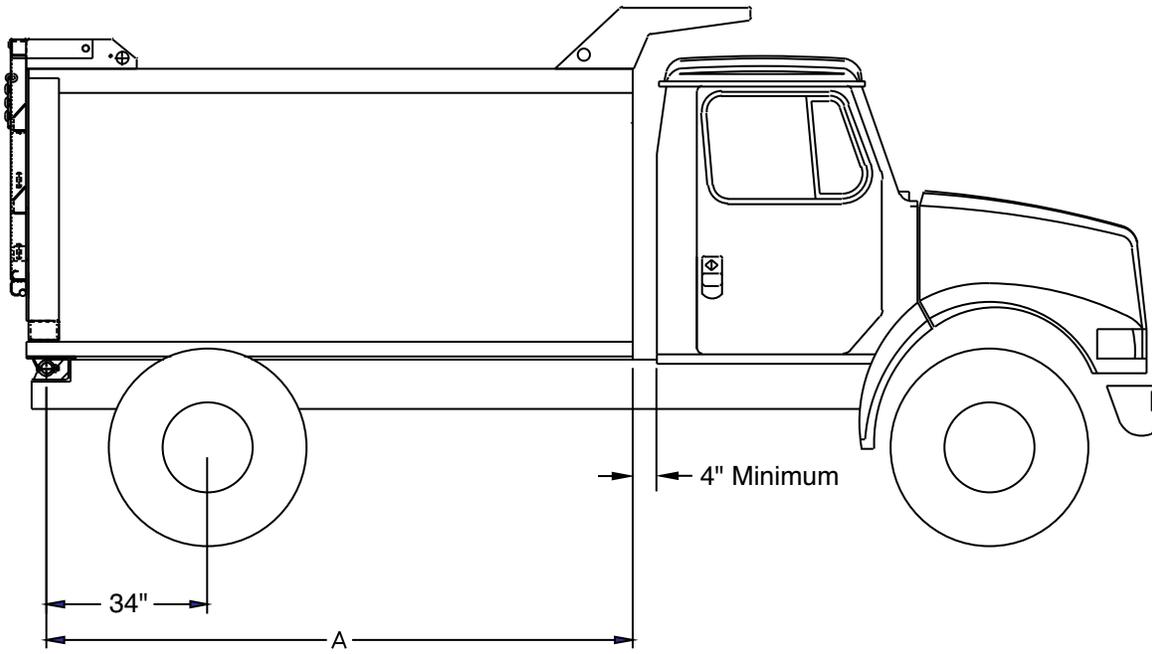
The hoist frame assembly and the rear hinge must be located relative to each other as shown in Figure 1 on See Page 10 or Figure 2 on See Page 11. These illustrations show the mounting distance, "A", with the actual number found in the corresponding tables. The mounting distance is measured from the center of the rear hinge pin to the front of the RDS Body long sill.

Standard mounting distances are found in the tables on See Page 10. For non-standard mounting distances, use the chart on See Page 12 for reference. **Note: Body overhang must never exceed 12".** Mounting the hoist with more overhang than this will cause damage to the rear hinge, the cylinder, the rear spinner, and/or the body, and will void the warranty.

- Determine the proper placement of the rear hinge and body on truck frame before doing any cutting or drilling.
- Place the rear hinge on top of the frame and determine its proper location. (Reference See Page 13 for rear hinge installation.) The rear hinge must be located as close as possible behind the rear spring hanger. For single axle trucks, this will be approximately 33" behind the center of the rear axle, but not greater than 38". For tandem axle trucks, this will be approximately 45" behind the center of the tandem, but not greater than 50".
- Place the RDS body on the truck frame with at least 4" clearance from the cab of the truck, as shown in Figure 1 or Figure 2. The front of the body will be 1¼" extended beyond the front of the hoist frame. **Note: If the truck chassis has a vertical exhaust stack, the body must be moved further rearward.** You must allow a minimum of 1" clearance between the vertical exhaust stack and the RDS body. The cabshield may have to be notched for clearance around the vertical exhaust stack.
- Using the proper mounting distance given for your RDS model number, measure the mounting distance on your truck and locate the rear hinge as discussed above. If you have a standard type installation this distance should be similar to the distance given in the chart on See Page 10. For non-standard installations, use the chart on See Page 12 for reference only. **Note: Body overhang must never exceed 12".**

Installation Instructions

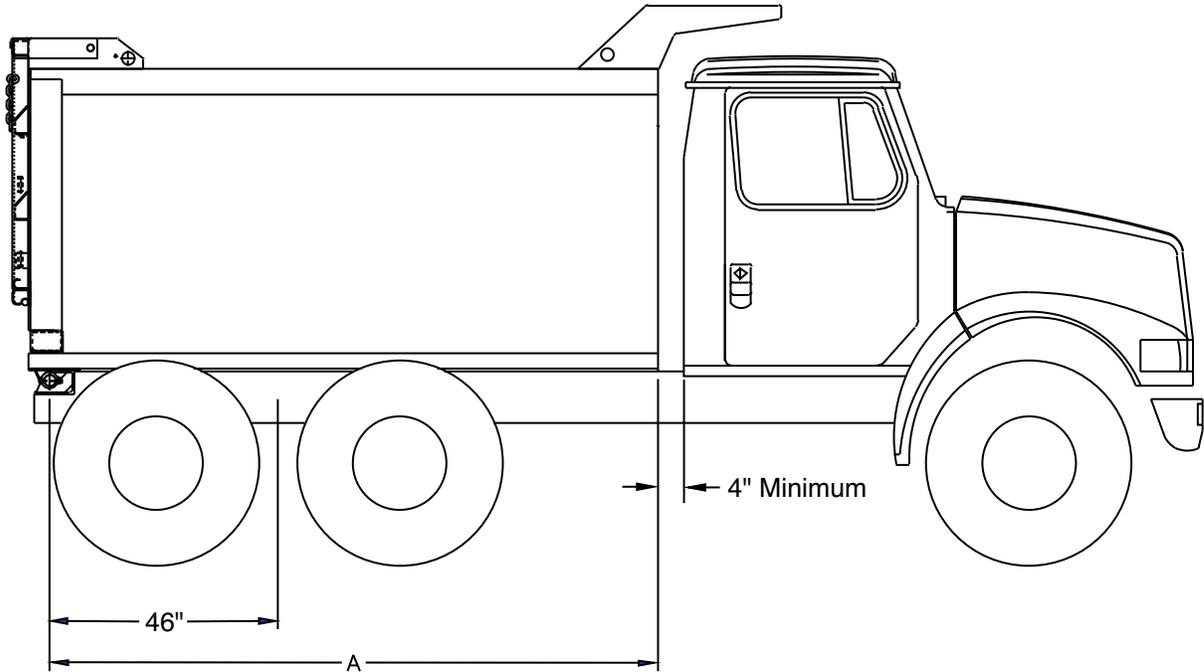
FIGURE 1. STANDARD MOUNTING, SINGLE AXLE



RDS MODEL #	BODY LENGTH	CA or CT DIM.	OVERHANG	DUMP ANGLE	"A" DIM.
RDS-108-96-56	9'	72" CA	6"	45°	102"
RDS-120-96-56	10'	84" CA	6"	47°	114"
RDS-132-96-56	11'	96" CA	6"	52°	126"
RDS-144-96-56	12'	102" CA	12"	49°	132"
RDS-144-96-56	12'	96" CT	6"	46°	138"

Installation Instructions

FIGURE 2. STANDARD MOUNTING, TANDEM AXLE



RDS MODEL #	BODY LENGTH	CT DIM.	OVERHANG	DUMP ANGLE	"A" DIM.
RDS-156-96-56	13'	108"	6"	50°	150"
RDS-168-96-56	14'	114"	12"	47°	156"
RDS-180-96-56	15'	126"	12"	45°	168"
RDS-192-96-56	16'	138"	12"	54°	180"
RDS-204-96-56	17'	150"	12"	48°	192"

Installation Instructions

Non-standard Installation Mounting Dimensions

These "A" dimensions are for non-standard installations or as a reference for non-standard truck frames. This chart is for reference only. **Note: Body overhang must never exceed 12".**

"A" Dimension for Installation			
Model Number	Dump Angle		
	45°	50°	60°
RDS-120-96-56	107"	97"	82"
RDS-132-96-56	144"	130"	110"
RDS-144-96-56	144"	130"	110"
RDS-156-96-56	167"	151"	128"
RDS-168-96-56	167"	151"	128"
RDS-180-96-56	167"	151"	128"
RDS-192-96-56	209"	189"	160"
RDS-204-96-56	209"	189"	160"

Hoist Frame Installation

- Make sure the hoist frame is correctly located, centered and square with the truck frame. Clamp the frame mounting angles to the bottom of the hoist frame and to the outside of the truck frame rails.
- Mark the mounting angles for drilling. Drill (3) $\frac{21}{32}$ " holes per side through mounting angles and frame and install $\frac{5}{8}$ " capscrews, flat washers and lock nuts.
- Apply a rust inhibitor or paint to drilled holes

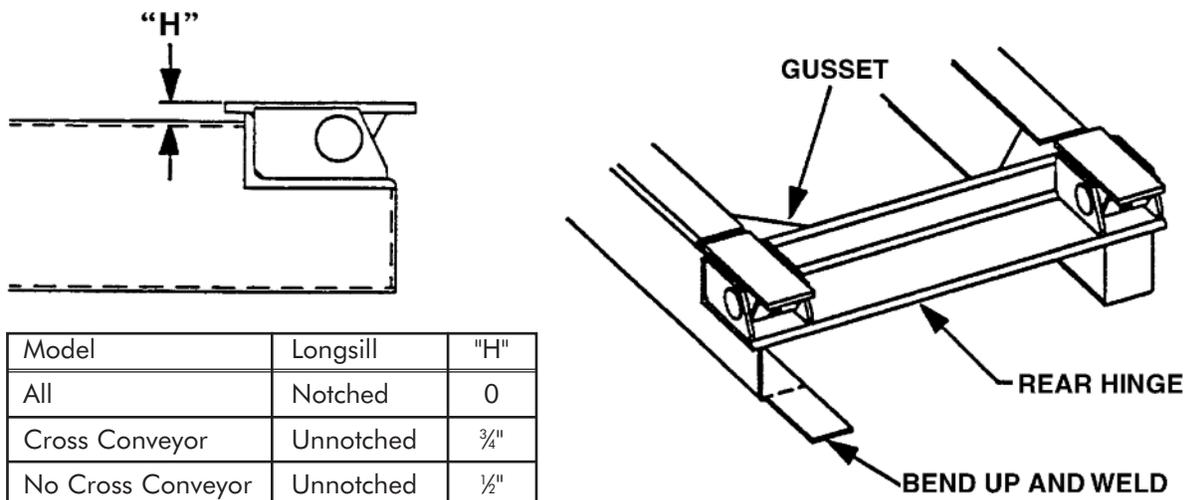
Caution: Be careful of brake lines, wiring, etc. inside the truck frame when drilling through the truck frame.

Installation Instructions

Rear Hinge Installation

- Make sure the rear hinge is correctly located, centered and square with the frame, then mark the frame for notching. If the body long sill is notched for the hoist frame angle, the top of the hinge should be flush with the top of the truck frame flange. If the long sill is not notched for the hoist frame, refer to Figure 3 below for the correct height for your model.
- Notch the truck frame as shown in Figure 3, leaving enough of the bottom flange of the truck frame to be bent up to box in the truck frame. If the frame is not long enough, square cut and cap the end. This is necessary for strength.
- Place the rear hinge in the notch, making sure it is properly located, squared, centered and the correct height above the frame, then weld securely into place.
- Bend the bottom flange up and weld all around to box in the rear of the truck frame.
- Place gussets in the corners formed by the truck frame rail and the rear hinge frame angle. Raise the front end of the gusset until it touches the top frame rail. Be careful so that the gusset will not interfere with the rear hinge operation.
- Securely weld the gussets to the rear hinge, the truck frame rail and the top flange of the truck frame.

FIGURE 3.



Installation Instructions

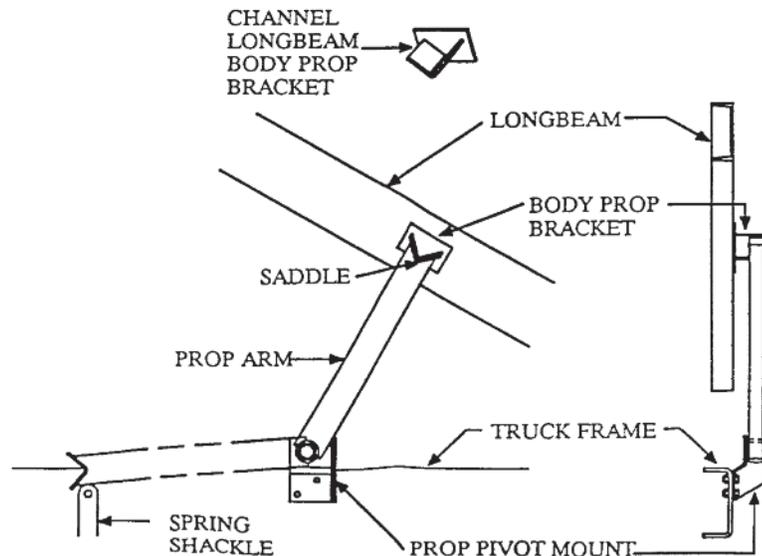
Body Prop Installation

The Monroe Radius Dump Spreader (RDS) Body Prop is designed and intended for use to support an **empty** truck body in the raised position to permit service work to be performed safely beneath a raised body. Two props should be used, one on each side. RDS Body Props come in pairs, right hand and left hand.

- Raise body to desired height and brace it securely with a large block of solid, hard wood before beginning installation.
- Assemble prop arm to prop pivot mount with $\frac{5}{16}$ " x 3" roll pin. Position prop pivot mount against outside of truck frame, approximately 50" to 60" ahead of rear dump body hinge. (This dimension is measured from center of hinge pin to center of prop pivot mount tube.) This measurement may vary depending on chassis make and/or desired body propped height. Allow saddle end of prop arm to rest on top of front spring shackle as shown. Using prop pivot mount as a guide, mark location of holes on truck frame and drill (2) $1\frac{1}{32}$ " holes per side. Fasten prop pivot mount to truck frame with $\frac{1}{2}$ " x $1\frac{3}{4}$ " bolts and lock nuts.
- Raise prop arm to free standing position by allowing prop arm to rest against rear flange of prop pivot mount. Place long sill bracket in prop arm saddle. Position long sill bracket against the upper outside of body long sill in order to allow room for clearance when body is in the lowered position. Weld long sill bracket securely in place.
- To operate RDS Body Prop, raise the body to desired height, shut off all power, and

raise both prop arms to a free standing position. Lower body slowly until long sill brackets contact prop arm saddles. **DO NOT POWER HOIST DOWN!!**

- To place RDS Body Prop in storage position, simply reverse the above procedure.



- For additional safety when servicing always block body with a solid block of hard wood. This along with the body props should ensure support of body when servicing.

Installation Instructions

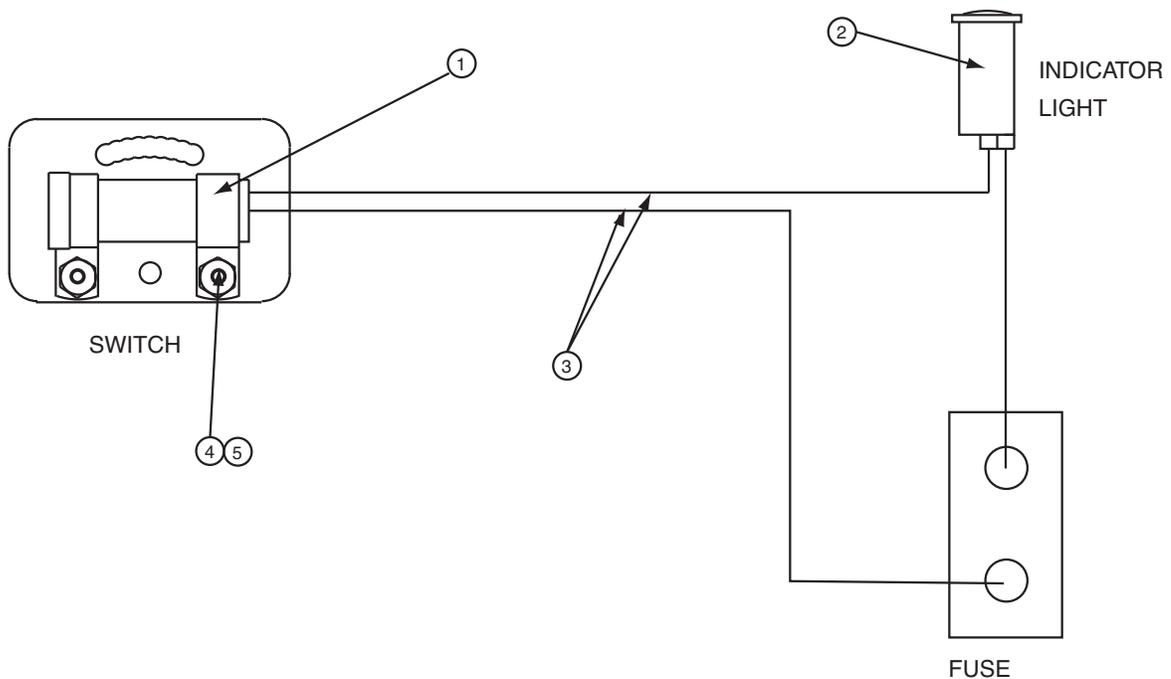
Installation instructions for body-up switch

The switch supplied is a mercury type switch to be mounted in the rear corner post of the dump body. The kit contains:

- 1 switch
- 1 indicator light
- 35' of wire
- 2- #10 pan head machine bolts and nuts

- 1) Raise the dump body up and place a spacer block under the longmembers in the very front to space the body up 1½ " to 2".
- 2) Drill mounting holes in the rear corner post for mounting the switch, inside out of the elements. Mount the switch but leave loose.
- 3) Install the indicator light in the truck cab.
- 4) Run the wire supplied from the switch to the cab and secure properly.
- 5) With the switch installed and wired, adjust the switch by rotating on the lower mounting bolt until the indicator light just comes on. Tighten the mounting bolts.
- 6) Raise the body and remove the spacer blocks.
- 7) Lower the body and watch the indicator light. It should go out when the dump body is within that 1½" to 2" range.
- 8) The switch can be further adjusted to get the desired results. If the switch is set too close, the light will come on with the body down while in service because of the flex of the truck frame.

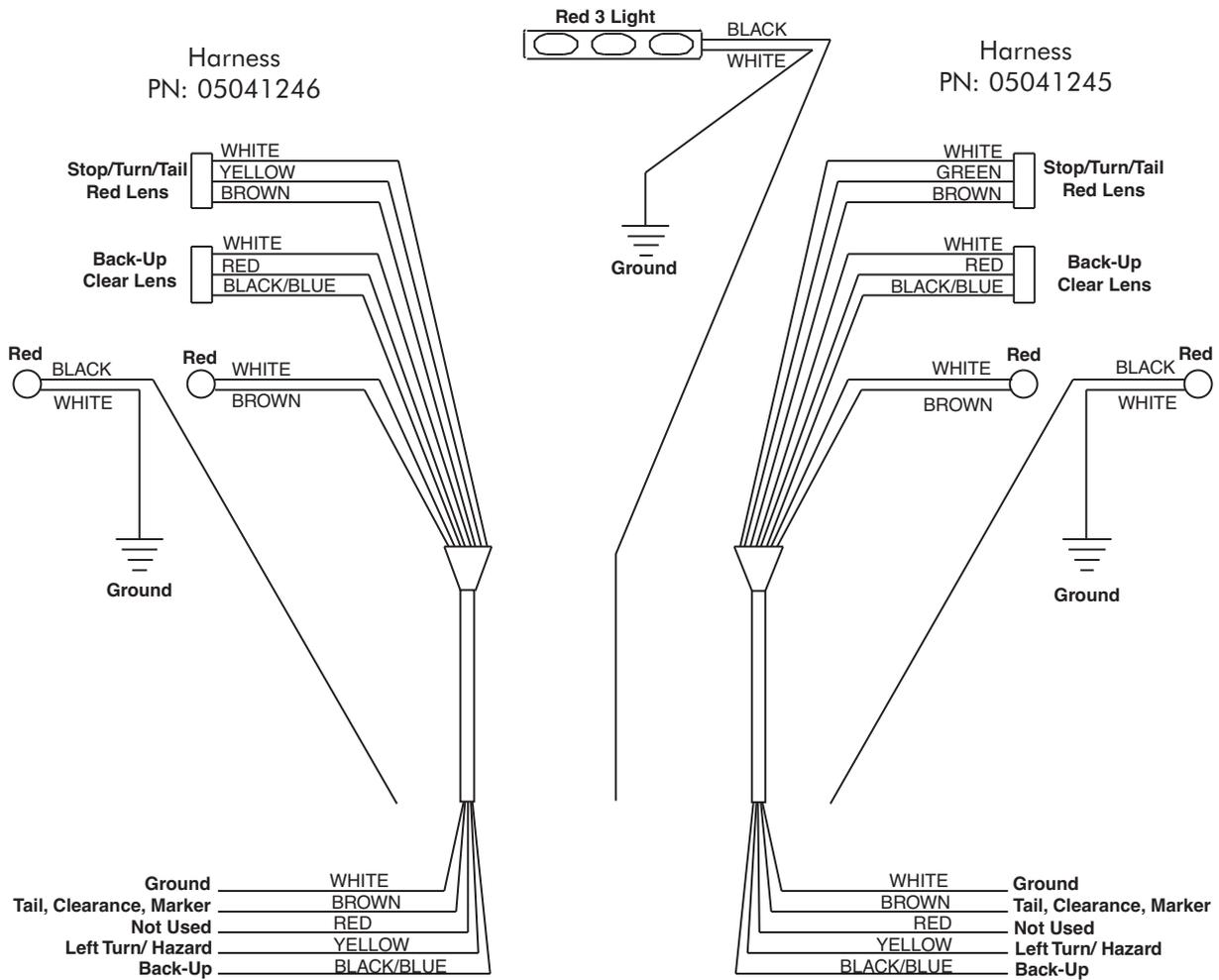
NOTE: All electrical hook-ups should be fused.



Wiring Schematic

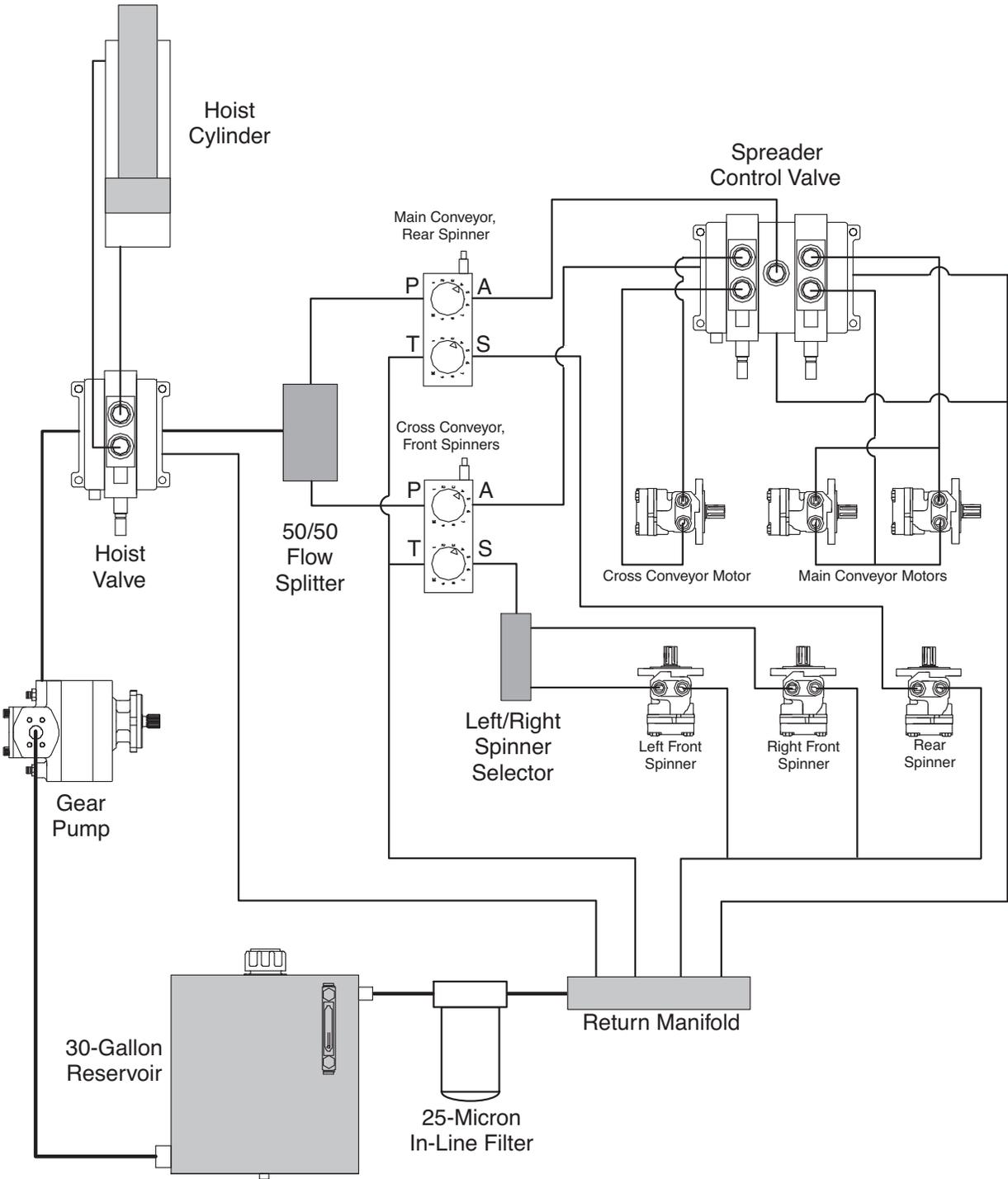
05041257 Light Kit, RDS Body, Stop/Turn/Tail/Marker/Back-up w/ Harnesses

Install the lights and connect the wiring using the diagram below.



Hydraulic Schematics

MONROE RDS BODY FRONT & REAR DISCHARGE



Hydraulic System Analysis

Pump	Displacement	Flow @ idle (650 rpm)	Flow @ 1,000 rpm	Flow @ 1,800 rpm
Parker PAVC 65	4.0 in ³ per rev.	11.2 gpm	17.3 gpm	31 gpm
Parker PAVC 100	6.1 in ³ per rev.	16.9 gpm	26.4 gpm	47 gpm

Motor Application	Displacement	Flow @ motor rpm	Flow @ motor rpm	Flow @ motor rpm
Spinner motor (direct drive)	3.2 in ³ per rev.	0.69 gpm@50rpm	2.77gpm@200rpm	5.44gpm@400rpm
Main conveyor motor (6:1 gearbox)	15.5 in ³ per rev.	2.01gpm@30rpm	4.03gpm@60rpm	8.05gpm@120rpm
Cross conveyor motor (direct drive)	17.9 in ³ per rev.	0.77gpm@10rpm	2.32gpm@30rpm	3.87gpm@50rpm
Metro conveyor motor (25:1 gearbox)	6.3 in ³ per rev.	3.41gpm@125rpm (5rpm@conveyor)	6.82 gpm@250rpm (10rpm@conveyor)	13.64gpm@500rpm (20rpm@conveyor)

Plow cylinder flow @ 0.167 ft/sec (2"/sec) velocity (V)

2" cylinder"	3.14 in ³ area	1.63 gpm @ V
3" cylinder"	7.065 in ³ area	3.68 gpm @ V
4" cylinder"	12.56 in ³ area	6.54 gpm @ V

Hoist cylinder flow @ 0.167 ft/sec (2"/sec) velocity (V)

5" cylinder"	19.63 in ³ area	10.23 gpm @ V
6" cylinder"	28.26 in ³ area	14.71 gpm @ V
7" cylinder"	38.47 in ³ area	20.02 gpm @ V

Comparison of pumps at theoretical spreader settings and plow raise event

	Single Motor RDS	Dual Motor RDS	RDS Metro
Spinner gpm	2.77	2.77	2.77
Main Conveyor gpm	4.03	8.06	6.8
Cross Conveyor gpm	2.32	2.32	n/a
Plow (3" cyl.) gpm @ V	3.68	3.68	3.68
Totals	12.8	16.83	13.25
Net flow @ idle (650 rpm)			
PAVC 65	-1.6	-5.63	-2.05
PAVC 100	4.1	0.07	3.65
Net flow @ 1,000 rpm			
PAVC 65	4.5	0.47	4.05
PAVC 100	13.6	9.57	13.15

Hydraulic Trouble Shooting Chart

<p>CONDITION 1 Pump cavitation recognized by excessive noise.</p> <p>CAUSE</p> <ul style="list-style-type: none"> • Air entering system through suction lines. • Suction line kinked, twisted or too long. • Inadequate size suction line. • Oil too heavy. • Excessive pump speed. Normal pump speed 1200 to 1500 RPM. <p>CORRECTION</p> <ul style="list-style-type: none"> • Check line from reservoir for possible leaks. • Install suction line as short and straight as possible. • Increase suction line size. • Drain and replace with a low viscosity non-detergent oil. • Pump capacity is 16 GPM at 1000 RPM. Decrease PTO speed accordingly. 	<p>CONDITION 2 Erratic operation of conveyor and/or spinner.</p> <p>CAUSE</p> <ul style="list-style-type: none"> • Low oil. • Worn or defective motor. • Dirty, worn or defective flow control valve. • Plugged filter. • Relief valve setting too low. • Pump cavitation. • Air vent on reservoir tank is blocked. <p>CORRECTION</p> <ul style="list-style-type: none"> • Fill reservoir to a $\frac{3}{4}$ full level. • Repair or replace motor.* • Clean, repair or replace flow control.* • Replace filter element and clean filter. • Adjust relief valve for 1500 PSI. • Refer to pump section. • Clean or replace vent cap to admit atmospheric pressure to inside of the tank.
<p>CONDITION 3 Slow operation of conveyor and/or spinner.</p> <p>CAUSE</p> <ul style="list-style-type: none"> • Worn or defective pump. • Worn or defective motor. • Pump cavitation. • Insufficient pump speed. <p>CORRECTION</p> <ul style="list-style-type: none"> • Repair or replace pump.* • Repair or replace motor.* • Refer to pump section. • Pump capacity is 16 GPM at 1000 RPM. Increase PTO accordingly. 	<p>CONDITION 4 Conveyor and/or spinner will not operate.</p> <p>CAUSE</p> <ul style="list-style-type: none"> • Quick disconnects are dirty, damaged, or improperly connected. • Hose connections wrong. • Foreign material in valve compensator. <p>CORRECTION</p> <ul style="list-style-type: none"> • Clean or replace and properly connect. • Refer to illustration. • Remove compensator and clean.

Operating Instructions

CAUTION:

- When starting up new equipment, be sure everyone is standing clear, watch for anything that may require shutting system down.
- Be sure lever on valve is moved completely to OFF position before working in or around spreading equipment.
- Be sure the engine is off and the key is removed and the parking brake is set. Prop the body up if working underneath.

INITIAL START UP:

1. Fill reservoir about $\frac{3}{4}$ full with high-grade non-foaming hydraulic oil. KEEP OIL CLEAN!
2. Move valve on-off lever to OFF position.
3. Open conveyor and spinner knobs on valve.
4. Engage PTO and allow hydraulic oil to circulate several minutes to warm up.
5. Move valve on-off lever to ON position.
6. Check entire hydraulic system for leaks. Use a piece of cardboard, not your hands.
7. Examine conveyor and spinner to see if they are running in right direction. Direction can be reversed by switching hoses at motor ports.
8. Fill reservoir to $\frac{3}{4}$ full.
9. Hydraulic system is ready for use.

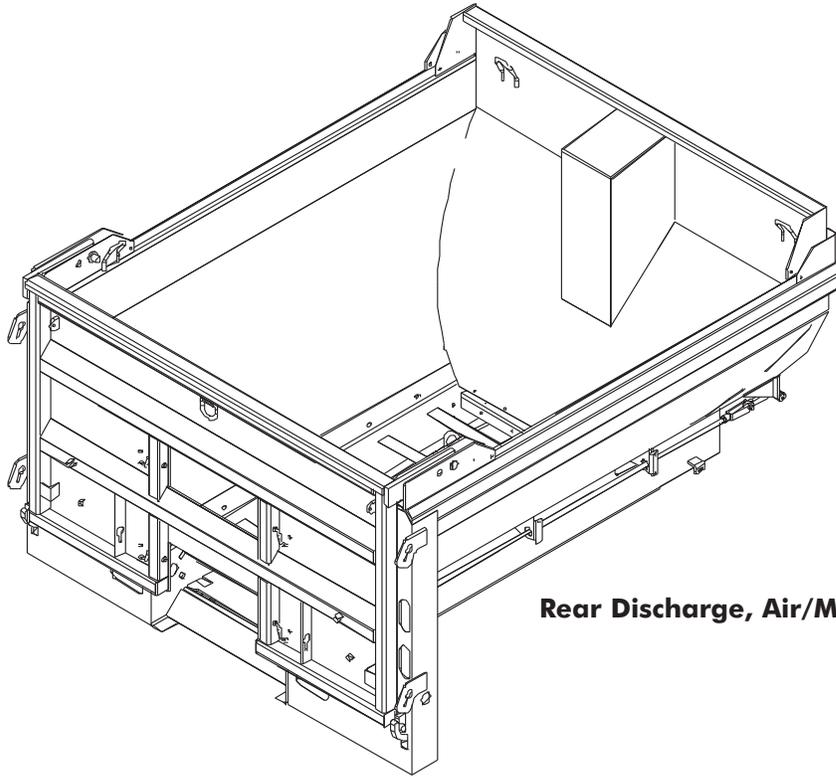
SPREADER OPERATION:

1. Start truck engine and allow hydraulic system to warm up by shutting off spinner and conveyor knobs and moving on-off lever to ON position.
2. Turning the knob marked "spinner" counter-clockwise will increase the spinner speed and width of spread.
3. Turning the knob marked "conveyor" counter-clockwise will increase the conveyor speed and thus the amount of material spread.
4. The gate on the rear or front of the box will also allow more material to pass to the spinner when opened wider.
5. The directional chute over the spinner will control the direction of the spread pattern. If the baffles are located to drop the material on the left side of the spinner disc, then the pattern will be behind and to the right side of the truck. If the baffles direct the material to the right side of the disc, then the pattern will be behind and to the left of the truck. A little experimenting with the different positions of the baffles and the spinner speed control will show the patterns spread exactly as desired for direction and width.
6. The control valve may be turned on and off or adjusted while truck is in motion.
7. Spinner and conveyor may be stopped at the same time without changing their valve settings by moving the on-off lever to OFF position.

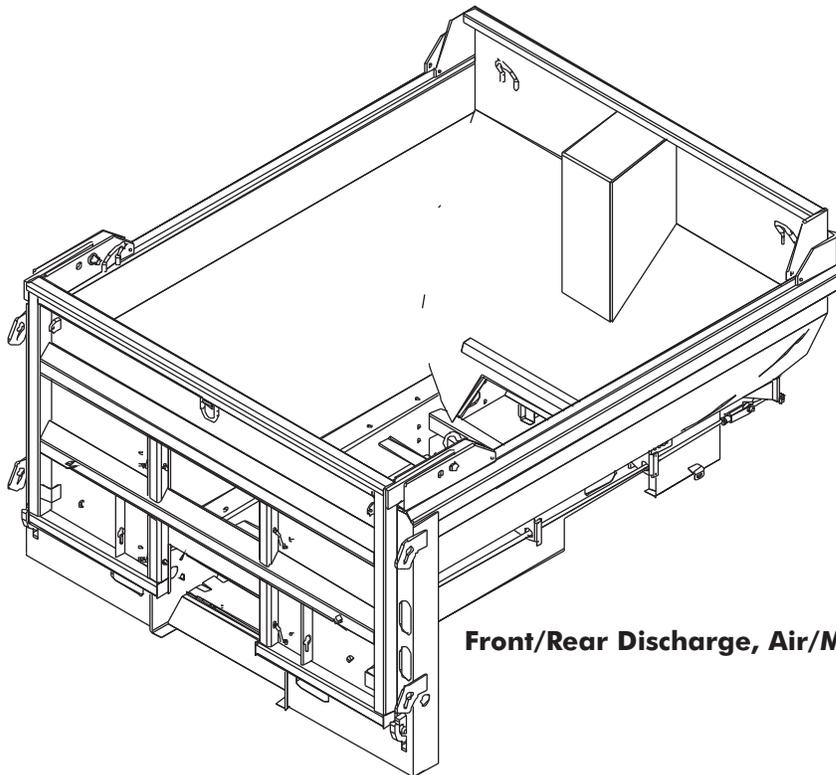
RDS SPREADER UNIT

Item	Qty.	Part Number	Description
1	1	---	HOPPER WELDMENT
2	1	---	TAG, SERIAL
3	1	---	DRIVE KIT
4	1	---	CHAIN PINTLE
5	1	---	MOTOR KIT
6	1	---	CYLINDER, TELESCOPIC
7	1	---	BLOCKS, BODY, MAILHOT
8	1	00084913	HINGE BODY ASSEMBLY
9	1	---	CRADLE ASSEMBLY, 9' & 10'
10	1	---	DOOR KIT
11	1	---	DECAL KIT
12	1	00012214	BODY PROP KIT
13	3	05022106	PIN, .1875, LYNCH
14	1	00049450	INSERT ASSEMBLY
15	1	00012957 00107854	FLOOR COVER, REAR, STANDARD PINTLE CHAIN FLOOR COVER, REAR, BELT OVER CHAIN
16	1	00032994	DISTRUPTER
17	1	---	FLOOR COVER KIT
18	1	---	CHAIN COVER KIT
19	1	00018542	HANDLE KIT
20	1	00018548	CHAIN KIT
21	1	00086711	SWITCH KIT, BODY
22	2	00036409	COVER PANEL, REAR ENCLOSURE
23	8	05016917	SCREW, #10-16 X .75, HEX, TEK

HOPPER WELDMENTS



Rear Discharge, Air/Manual Tailgate



Front/Rear Discharge, Air/Manual

RDS HOPPER WELDMENTS

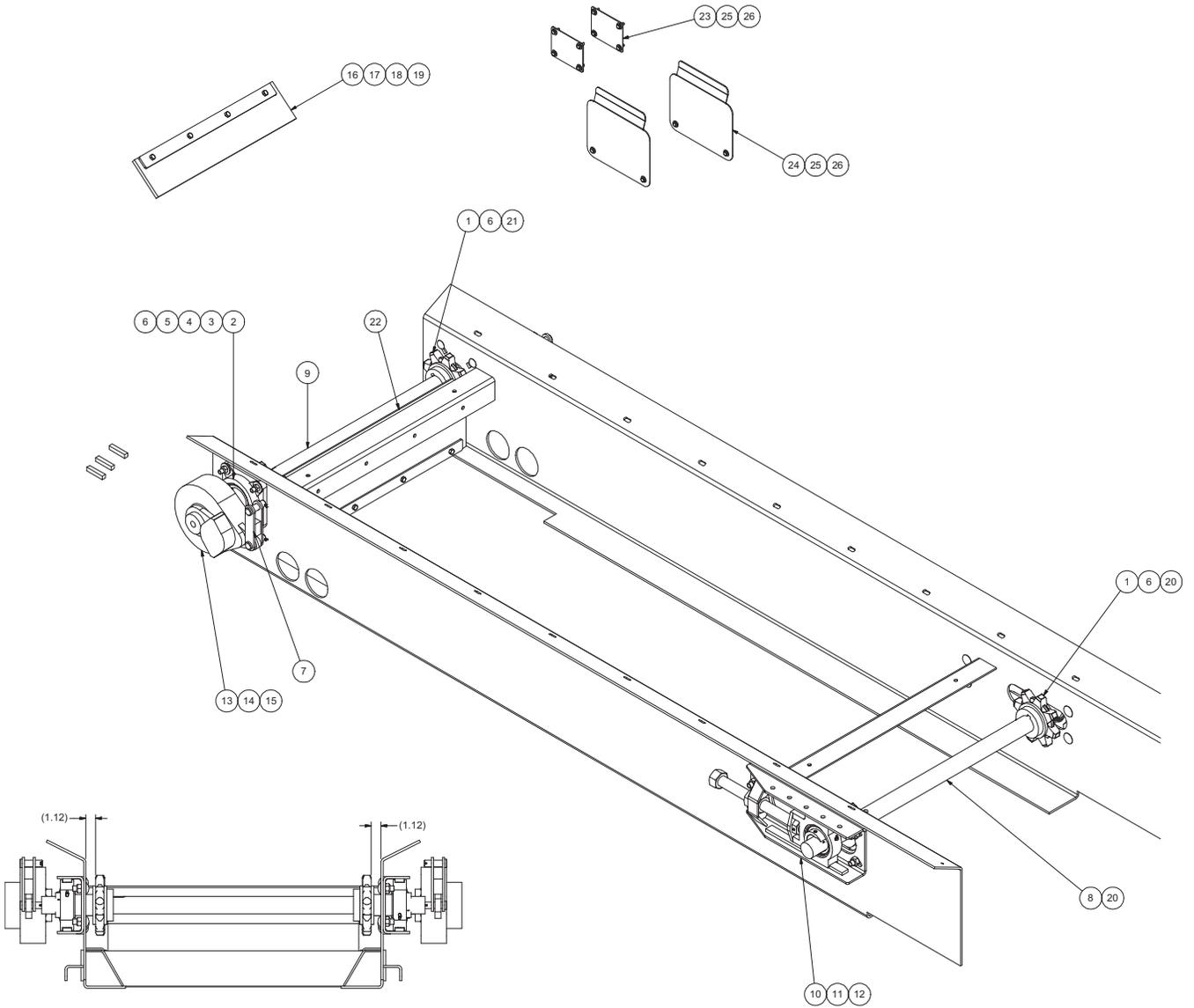
Item	Qty	Part Number	Description
RR Air/Manual Tailgate			
	1	00019200	Hopper Weldment, 108-96-56, RR
		00019210	Hopper Weldment, 120-96-56, RR
		00019436	Hopper Weldment, 132-96-56, RR
		00019243	Hopper Weldment, 144-96-56, RR
		00019265	Hopper Weldment, 156-96-56, RR
		00019290	Hopper Weldment, 168-96-56, RR
		00019416	Hopper Weldment, 180-96-56, RR
		00019451	Hopper Weldment, 192-96-56, RR
		00019466	Hopper Weldment, 204-96-56, RR
		00097566	Hopper Weldment, 216-96-56, RR
FR/RR Air/Manual Tailgate			
	1	00019201	Hopper Weldment, 108-96-56, FR/RR
		00019211	Hopper Weldment, 120-96-56, FR/RR
		00019437	Hopper Weldment, 132-96-56, FR/RR
		00019244	Hopper Weldment, 144-96-56, FR/RR
		00019266	Hopper Weldment, 156-96-56, FR/RR
		00019291	Hopper Weldment, 168-96-56, FR/RR
		00019417	Hopper Weldment, 180-96-56, FR/RR
		00019452	Hopper Weldment, 192-96-56, FR/RR
		00019467	Hopper Weldment, 204-96-56, FR/RR
		00097567	Hopper Weldment, 216-96-56, FR/RR
FR/RR 3-Hole			
	1	00019202	Hopper Weldment, 108-96-56, FR/RR, 3-Hole
		00019212	Hopper Weldment, 120-96-56, FR/RR, 3-Hole
		00019438	Hopper Weldment, 132-96-56, FR/RR, 3-Hole
		00019245	Hopper Weldment, 144-96-56, FR/RR, 3-Hole
		00019267	Hopper Weldment, 156-96-56, FR/RR, 3-Hole
		00019293	Hopper Weldment, 168-96-56, FR/RR, 3-Hole
		00019418	Hopper Weldment, 180-96-56, FR/RR, 3-Hole
		00019453	Hopper Weldment, 192-96-56, FR/RR, 3-Hole

RDS HOPPER WELDMENTS

Item	Qty	Part Number	Description
RR, 3-Hole			
	1	00019203	Hopper Weldment, 108-96-56, RR, 3-Hole
		00019213	Hopper Weldment, 120-96-56, RR, 3-Hole
		00019246	Hopper Weldment, 144-96-56, RR, 3-Hole
		00019268	Hopper Weldment, 156-96-56, RR, 3-Hole
		00019419	Hopper Weldment, 180-96-56, RR, 3-Hole
		00019454	Hopper Weldment, 192-96-56, RR, 3-Hole
		00019468	Hopper Weldment, 204-96-56, RR, 3-Hole
RR, No Hole			
	1	00019439	Hopper Weldment, 132-96-56, RR, No Hole
		00019269	Hopper Weldment, 156-96-56, RR, No Hole
		00019294	Hopper Weldment, 168-96-56, RR, No Hole
		00092055	Hopper Weldment, 180-96-56, RR, No Hole
FR/RR, N			
	1	00019247	Hopper Weldment, 144-96-56, FR/RR, No Hole

DRIVE KITS

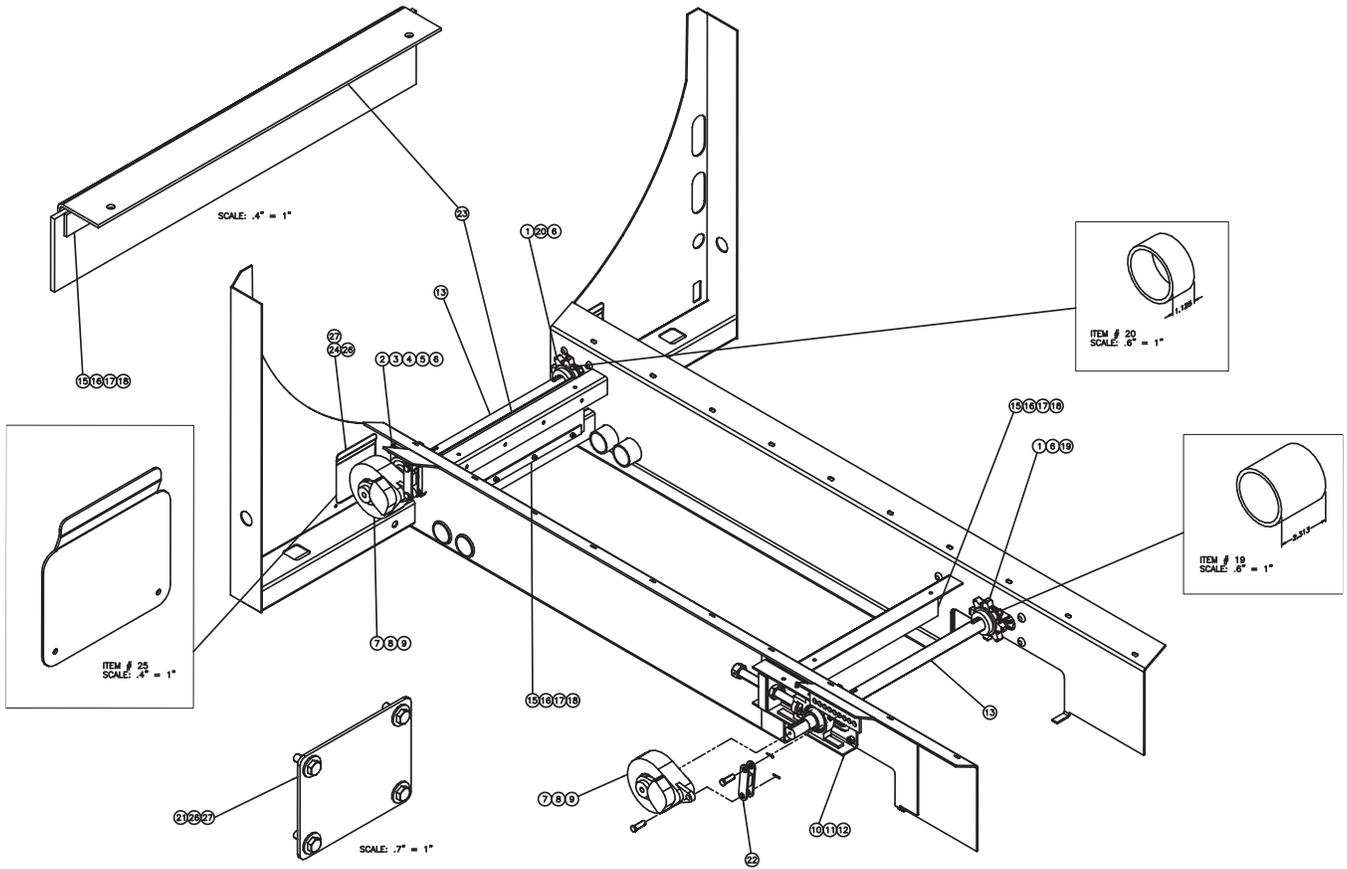
DRIVE KIT, REAR DISCHARGE, RAWSON GEARBOX



00082609-A/B DRIVE KIT, RDS, RR

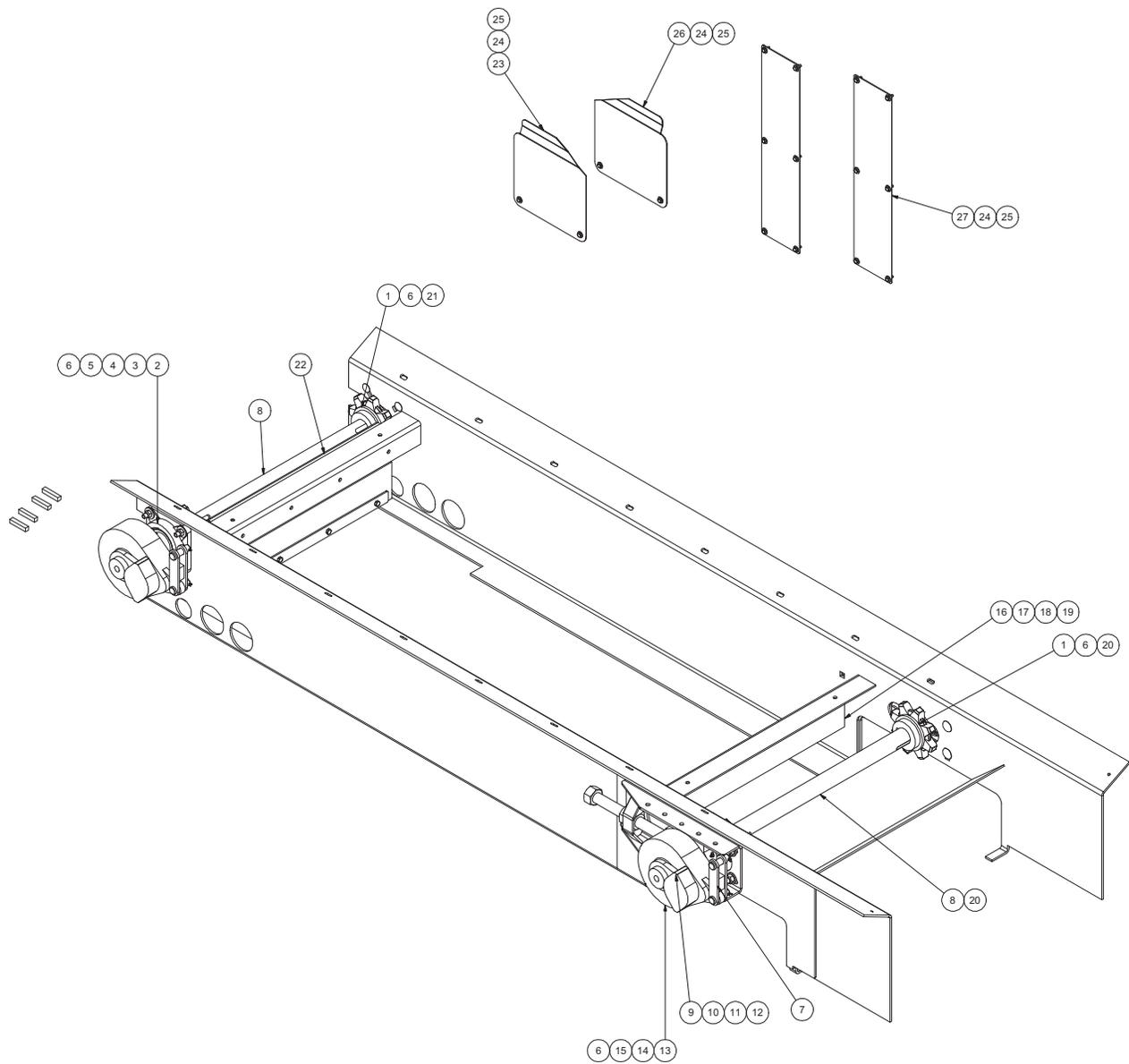
Item	Qty.	Part Number	Description
1	4	05033028	SPROCKET,8T,667XH CH,2"BORE
2	2	05030006	BEARING,2",4B FLANGE,MSV-MV
3	8	05014044	BOLT .500-13 x 2.00 G5 CRG ZC
3	8	05016805	BOLT .500-13 x 2.00 CRG SST
4	8	05020847	NUT .500-13 GC TOPLOCK C&W
4	8	05020908	NUT .500-13 NYLON LOCK 316 SST
5	8	05021309	WASHER .500 FLAT ZC
5	8	05021391	WASHER .500 FLAT SST
6	3	05050053	KEY,SQ,.5"x.5"x2.5",MV/MSV
7	2	00096811	TORQUE ARM WLDMT,RDS
8	1	00020774	SHAFT,IDLER,2.0x43.50,DM,ZC
9	1	00020775	SHAFT,OUTPUT,2.0x49.75,DM,ZC
10	2	00032786	BEARING ADJ ASSY,V-BOX
11	8	05014092	BOLT .625-11 x 1.50 G5 CRG ZC
11	8	05016854	BOLT .625-11 x 1.50 CRG SS
12	8	05020837	NUT .625-11 GC TOPLOCK C&W
12	8	05020903	NUT .625-11 NYLON LOCK 316 SST
13	2	05051148	GEARBOX,6:1,2"SFT DIA,3.56"L <i>See Page 150</i>
14	4	05022107	PIN .750 x 2.313 CLEVIS
15	4	05022021	PIN .125 x 1.000 COTTER
16	3	00024610	REAR HOPPER WIPER
17	3	00025196-A	SUPPORT,REAR,MS
17	3	00025196-B	SUPPORT,REAR,304
18	12	05010644	BOLT .375-16 x 1.25 G8 HHCS ZC
18	12	05016049	BOLT .375-16 x 1.25 HHCS SST
19	12	05020891	NUT .375-16 NYLON LOCK 316 SST
19	12	05020898	NUT .375-16 GC TOPLOCK C&W
20	2	00051899	PIPE,MS,2.000xSCH40x2.063
21	2	00051898	SPACER,SPROCKET,RDS/DUZ/MOR,RR
22	1	00067186-A	WIPER ANGLE,RDS,MS,REAR DRIVE
22	1	00067186-B	WIPER ANGLE,RDS,304,REAR DRIVE
23	2	00036409	COVER PANEL,RDS,REAR ENCLOSURE
24	2	00067183	COVER PL,RDS,REAR PANEL
25	12	05010591	BOLT .250-20 x .750 G8 HHCS ZC
25	12	05016113	BOLT .250-20 x .750 HHCS SST
26	12	05021305	WASHER .250 FLAT ZC
26	12	05021403	WASHER .250 FLAT SST
27	2	00079824	OIL DRAIN KIT,RDS,GEARBOX

DRIVE KIT, FRONT/REAR DISCHARGE, RAWSON GEARBOX



00082603-A/B DRIVE KIT,RDS,FR/RR

Item	Qty.	Part Number	Description
1	4	05033028	SPROCKET,8T,667XH,2"BORE
2	2	05030006	BEARING,2",4B FLANGE,MSV-MV
3	8	05014044	BOLT .500-13 x 2.00 G5 CRG ZC
3	8	05016805	BOLT .500-13 x 2.00 CRG SS
4	8	05020847	NUT .500-13 GC TOPLOCK C&W
4	8	05020908	NUT .500-13 NYLON LOCK 316 SS
5	8	05021309	WASHER .500 FLAT ZC
5	8	05021391	WASHER .500 FLAT SS
6	4	05050053	KEY,SQ,.5"x.5"x2.5",MV/MSV
7	2	05051148	GEARBOX,6:1,2"SFT DIA,3.56"L <i>See Page 150</i>
8	4	05022107	PIN .75 x 2.313 CLEVIS
9	4	05022021	PIN .125 x 1.00 COTTER
10	2	00032786	ADJUSTER ASSY,BEARING,RDS <i>See Page 44</i>
11	8	05014092	BOLT .625-11 x 1.50 G5 CRG ZC
12	8	05020837	NUT .625-11 GC TOPLOCK C&W
12	8	05020903	NUT .625-11 NYLON LOCK SS
13	2	00031314	SHAFT,DRIVE,2"x45.25",CRR,RDS
14	1	00079824	OIL DRAIN KIT,RDS,GEARBOX <i>See Page 44</i>
15	3	00024610	WIPER,2PLY,REAR APRON ASSY
16	3	00025196-A	SUPPORT,RUBBER FLAP,DM,RR,MS
16	3	00025196-B	SUPPORT,RUBBER FLAP,DM,RR,304
17	12	05010644	BOLT .375-16 x 1.25 G8 HHCS ZC
17	12	05016049	BOLT .375-16 x 1.25 HHCS SS
18	12	05020891	NUT .375-16 NYLON LOCK 316 SS
18	12	05020898	NUT .375-16 GC TOPLOCK C&W
19	2	00099220	SPACER,RDS,FR/RR,SPROCKET
20	2	00051898	SPACER,2x.154Wax1.125SAWCUT
21	2	00036409	COVER PANEL,RDS,REAR ENCLOSURE,304
22	2	00096811	TORQUE ARM WLDMT,RDS
23	2	00067186-A	WIPER ANGLE,RDS,MS,REAR DRIVE
23	2	00067186-B	WIPER ANGLE,RDS,304,REAR DRIVE
24	2	00067183	COVER PL,RDS,REAR PANEL
25	.25	05051390	RUST PROOFER HEAVY DUTY
26	12	05010591	BOLT .250-20 x .750 G8 HHCS ZC
26	12	05016113	BOLT .250-20 x .750 HHCS SS
27	12	05021305	WASHER .250 FLAT ZC
27	12	05021403	WASHER .250 FLAT SS



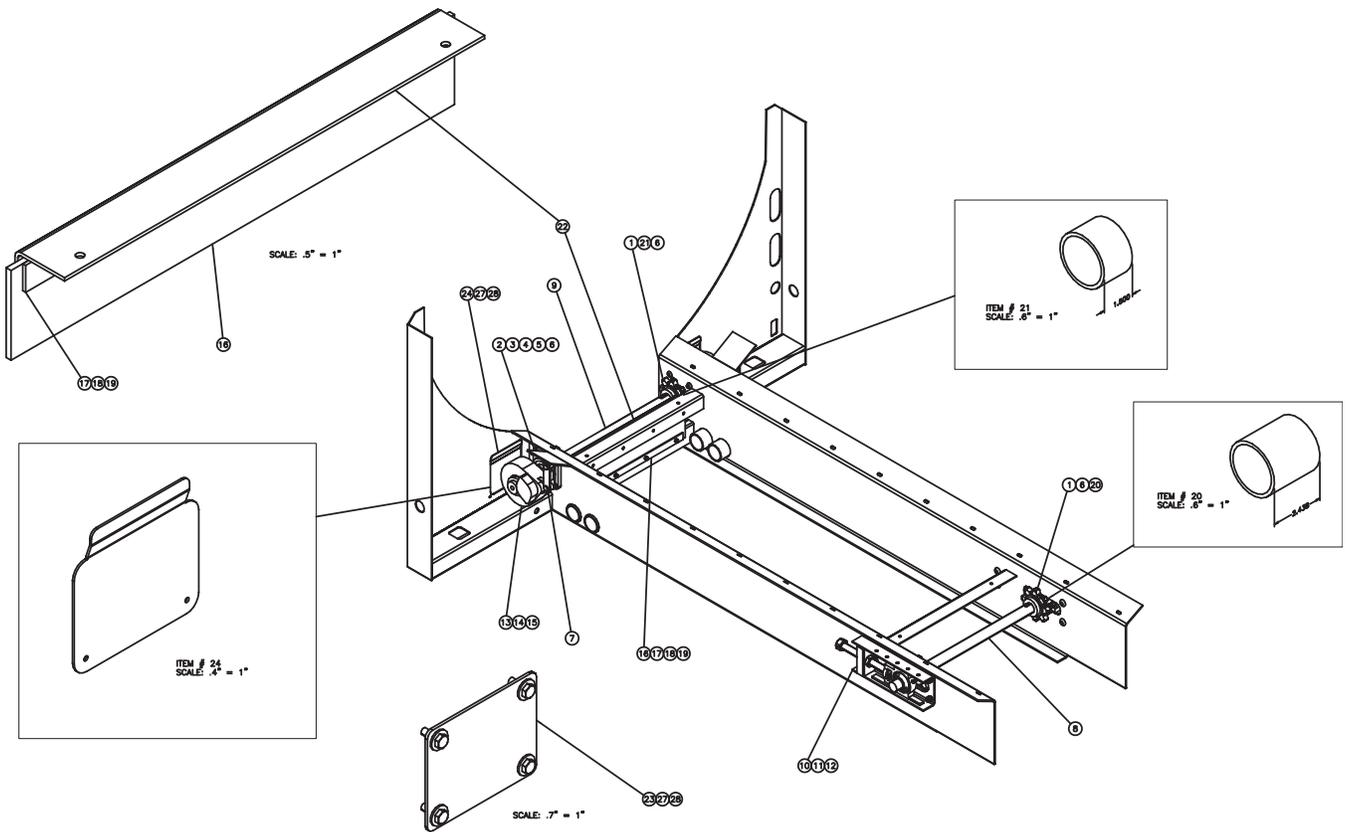
00144509 DRIVE KIT, RDS, FR/RR, GENERATION 2

ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	05033028	SPROCKET,8T,667XH CH,2"BORE
2	2	05030006	BEARING,2",4B FLANGE,MSV-MV
3	8	05014044	BOLT .500-13 x 2.00 G5 CRG ZC
3	8	05016805	BOLT .500-13 x 2.00 CRG SST
4	8	05020847	NUT .500-13 GC TOPLOCK C&W
4	8	05020908	NUT .500-13 NYLON LOCK 316 SST
5	8	05021309	WASHER .500 FLAT ZC
5	8	05021391	WASHER .500 FLAT SST
6	3	05050053	KEY,SQ,.5"x.5"x2.5",MV/MSV
7	2	00096811	TORQUE ARM WLDMT,RDS
8	2	00031314	SHAFT,OUTPUT,2.0x45.250,RDS,ZC
9	2	00032786	BEARING ADJ ASSY,V-BOX
10	6	05014094	BOLT .625-11 x 2.00 G5 CRG ZC
10	6	05017222	BOLT .625-11 x 2.00 CRG SS

00144509 DRIVE KIT, RDS, FR/RR, GENERATION 2

ITEM	QTY	PART NUMBER	DESCRIPTION
11	6	05020837	NUT .625-11 GC TOPLOCK C&W
11	6	05020903	NUT .625-11 NYLON LOCK 316 SST
12	6	05021017	WASHER .625 FLAT MIL-CARB SAE
12	6	05021406	WASHER .625 FLAT SST
13	2	05051148	GEARBOX,6:1,2"SFT DIA,3.56"L <i>See Page 150</i>
14	4	05022107	PIN .750 x 2.313 CLEVIS
15	4	05022021	PIN .125 x 1.000 COTTER
16	3	00024610	REAR HOPPER WIPER
17	3	00025196-A	SUPPORT,REAR,MS
17	3	00025196-B	SUPPORT,REAR,304
17	3	00025196-C	SUPPORT,REAR,AUSST
18	12	05010644	BOLT .375-16 x 1.25 G8 HHCS ZC
18	12	05016049	BOLT .375-16 x 1.25 HHCS SST
19	12	05020898	NUT .375-16 GC TOPLOCK C&W
19	12	05020891	NUT .375-16 NYLON LOCK 316 SST
20	2	00051899	PIPE,MS,2.000xSCH40x2.063
21	2	00051898	SPACER,SPROCKET,RDS/DUZ/MOR,RR
22	1	00067186-A	WIPER ANGLE,RDS,MS,REAR DRIVE
22	1	00067186-B	WIPER ANGLE,RDS,304,REAR DRIVE
22	1	00067186-C	WIPER ANGLE,RDS,AUSST,RR DRIVE
23	1	00140255	COVER PL,RDS,LH,RR PANEL,AUSST
23	1	00140254	COVER PL,RDS,RH,RR PANEL,AUSST
25	2	00139597-B	COVER PL,POST,RDS,304
25	2	00139597-C	COVER PL,POST,RDS,AUSST
25	2	00139597-A	COVER PL,POST,RDS,MS
26	16	05010591	BOLT .250-20 x .750 G8 HHCS ZC
26	16	05016113	BOLT .250-20 x .750 HHCS SST
27	16	05021305	WASHER .250 FLAT ZC
27	16	05021403	WASHER .250 FLAT SST
28	2	00079824	OIL DRAIN KIT,RDS,GEARBOX <i>See Page 44</i>
29	.25	05051390	RUST PROOFER HEAVY DUTY

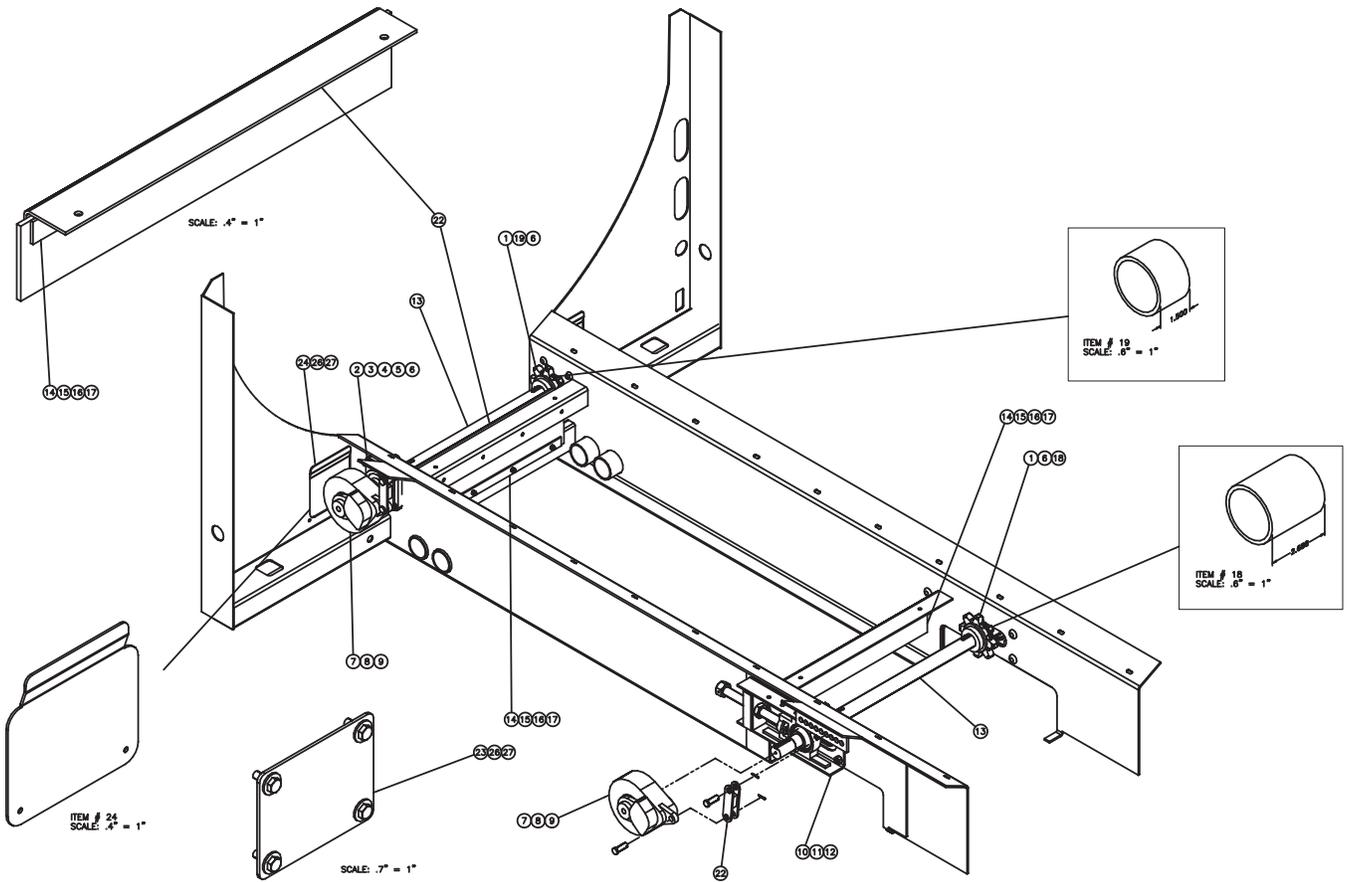
DRIVE KIT, REAR DISCHARGE, DROP FORGED SPROCKET, RAWSON GEARBOX



00097539-A/B DRIVE KIT, RDS, RR, DROP FORGED, SPROCKET

ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	05033037	SPROCKET,8T,667XH,2"BORE
2	2	05030006	BEARING,2.0 FOUR BOLT FLG
3	8	05014044	BOLT .500-13 x 2.00 G5 CRG ZC
3	8	05016805	BOLT .500-13 x 2.00 G5 CRG SS
4	8	05020847	NUT .500-13 GC TOPLOCK C&W
4	8	05020908	NUT .500-13 NYLON LOCK 316 SS
5	8	05021309	WASHER .500 FLAT ZC
5	8	05021391	WASHER .500 FLAT SS
6	3	05050053	KEY,SQ,.5"x.5"x2.5",MV/MSV
7	2	00096811	TORQUE ARM WLDMT,RDS
8	1	00020774	SHAFT,IDLER,2.0x43.50,DM,ZC
9	1	00020775	SHAFT,OUTPUT,2.0x49.75,DM,ZC
10	2	00032786	BEARING ADJ ASSY,V-BOX <i>See Page 44</i>
11	8	05014092	BOLT .625-11 x 1.50 G5 CRG ZC
11	8	05016854	BOLT .625-11 x 1.50 CRG SS
12	8	05020837	NUT .625-11 GC TOPLOCK C&W
12	8	05020903	NUT .625-11 NYLON LOCK SS
13	2	05051148	GEARBOX,6:1,2"SFT DIA,3.56"L <i>See Page 150</i>
14	4	05022107	PIN .750 x 2.313 CLEVIS
15	4	05022021	PIN .125 x 1.0 COTTER
16	3	00024610	REAR HOPPER WIPER
17	3	00025196-A	SUPPORT,REAR,MS
17	3	00025196-B	SUPPORT,REAR,304
18	12	05010644	BOLT .375-16 x 1.25 G8 HHCS ZC
18	12	05016049	BOLT .375-16 x 1.25 G8 HHCS SS
19	12	05020898	NUT .375-16 GC TOPLOCK C&W
19	12	05020891	NUT .375-16 NYLON LOCK 316 SS
20	2	00070295	SPACER,DM,FR,DROP FORGED
21	2	00070294	SPACER,DM,RR,DROP FORGED
21	2	00070294	SPACER,DM,RR,DROP FORGED
22	1	00067186-A	WIPER ANGLE,RDS,MS,REAR DRIVE
22	1	00067186-B	WIPER ANGLE,RDS,304,REAR DRIVE
23	2	00036409	COVER PANEL,RDS,REAR ENCLOSURE
24	2	00067183	COVER PL,RDS,REAR PANEL
24	2	00067183	COVER PL,RDS,REAR PANEL
25	0.25	05051390	RUST PROOFER HEAVY DUTY
26	2	00079824	OIL DRAIN KIT,RDS,GEARBOX
27	12	05010591	BOLT .250-20 x .750 G8 HHCS ZC
27	12	05016113	BOLT .250-20 x .750 G8 HHCS SS
28	12	05021305	WASHER .250 FLAT ZC
28	12	05021403	WASHER .250 FLAT SS

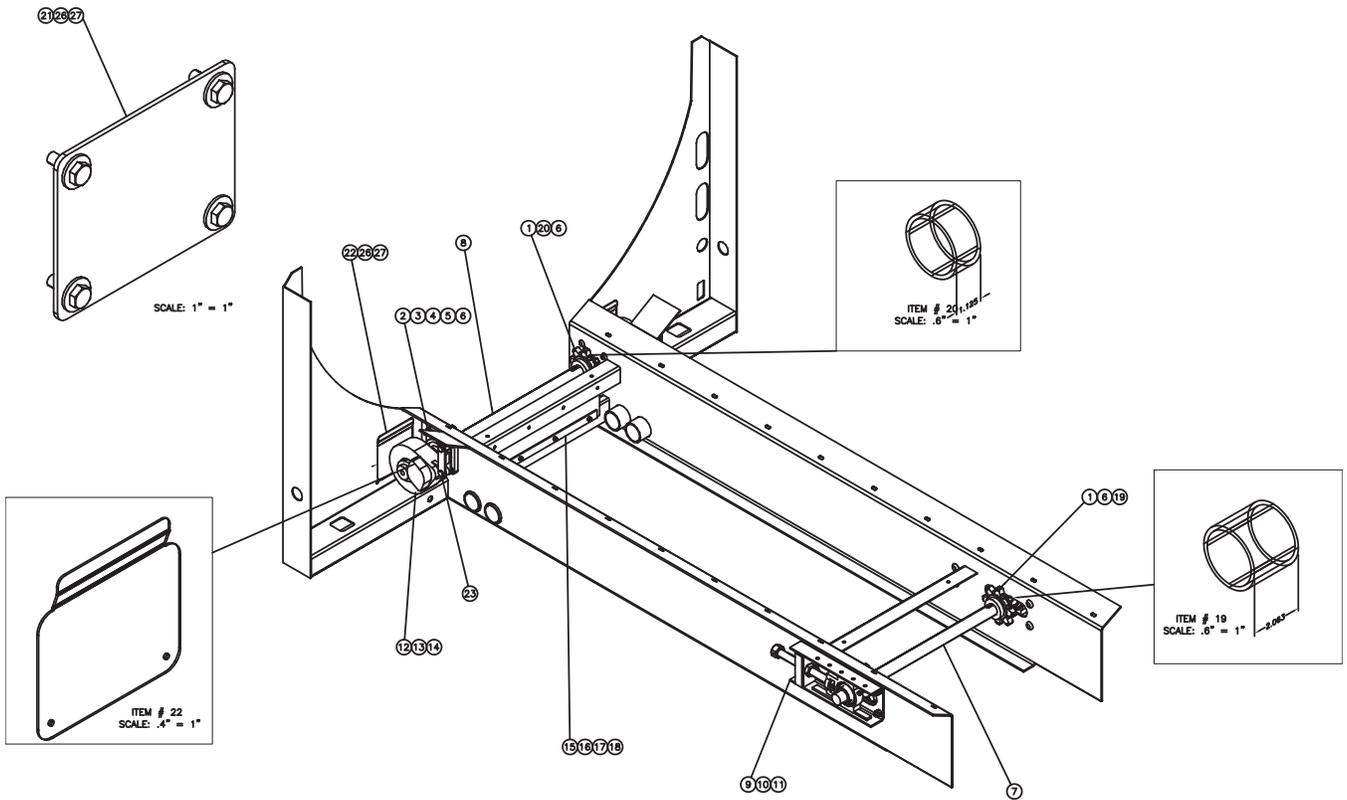
DRIVE KIT, FRONT/REAR DISCHARGE, DROP FORGED SPROCKET, RAWSON GEARBOX



00097505-A/B DRIVE KIT,RDS,FR/RR,DROP FORGED

Item	Qty.	Part Number	Description
1	4	05033037	SPROCKET,8T,667XH,2"BORE
2	2	05030006	BEARING,2.0 FOUR BOLT FLG
3	8	05014044	BOLT .500-13 x 2.00 G5 CRG ZC
3	8	05016805	BOLT .500-13 x 2.00 CRG SST
4	8	05020847	NUT .500-13 GC TOPLOCK C&W
4	8	05020908	NUT .500-13 NYLON LOCK 316 SST
5	8	05021309	WASHER .500 FLAT ZC
5	8	05021391	WASHER .500 FLAT SST
6	4	05050053	KEY,SQ,.5"x.5"x2.5",MV/MSV
7	2	05051148	GEARBOX,6:1,2"SFT DIA,3.56"L <i>See Page 150</i>
8	4	05022107	PIN .750 x 2.313 CLEVIS
9	4	05022021	PIN .125 x 1.0 COTTER
10	2	00032786	BEARING ADJ ASSY,V-BOX <i>See Page 44</i>
11	8	05014092	BOLT .625-11 x 1.50 G5 CRG ZC
12	8	05020837	NUT .625-11 GC TOPLOCK C&W
12	8	05020903	NUT .625-11 NYLON LOCK 316 SST
13	2	00031314	SHAFT,OUTPUT,2.0x45.250,RDS,ZC
14	3	00024610	REAR HOPPER WIPER
15	3	00025196-A	SUPPORT,REAR,MS
15	3	00025196-B	SUPPORT,REAR,304
16	12	05010644	BOLT .375-16 x 1.25 G8 HHCS ZC
16	12	05016049	BOLT .375-16 x 1.25 HHCS SST
17	12	05020891	NUT .375-16 NYLON LOCK 316 SST
17	12	05020898	NUT .375-16 GC TOPLOCK C&W
18	2	00099221	SPACER,RDS,FR,DROP FORGED
19	2	00070294	SPACER,DM,RR,DROP FORGED
20	1	00079824	OIL DRAIN KIT,RDS,GEARBOX <i>See Page 44</i>
21	2	00096811	TORQUE ARM WLDMT,RDS
22	2	00067186-A	WIPER ANGLE,RDS,MS,REAR DRIVE
22	2	00067186-B	WIPER ANGLE,RDS,304,REAR DRIVE
23	2	00036409	COVER PANEL,RDS,REAR ENCLOSURE
24	2	00067183	COVER PL,RDS,REAR PANEL
25	.25	05051390	RUST PROOFER HEAVY DUTY
26	12	05010591	BOLT .250-20 x .750 G8 HHCS ZC
26	12	05016113	BOLT .250-20 x .750 HHCS SST
27	12	05021305	WASHER .250 FLAT ZC
27	12	05021403	WASHER .250 FLAT SST

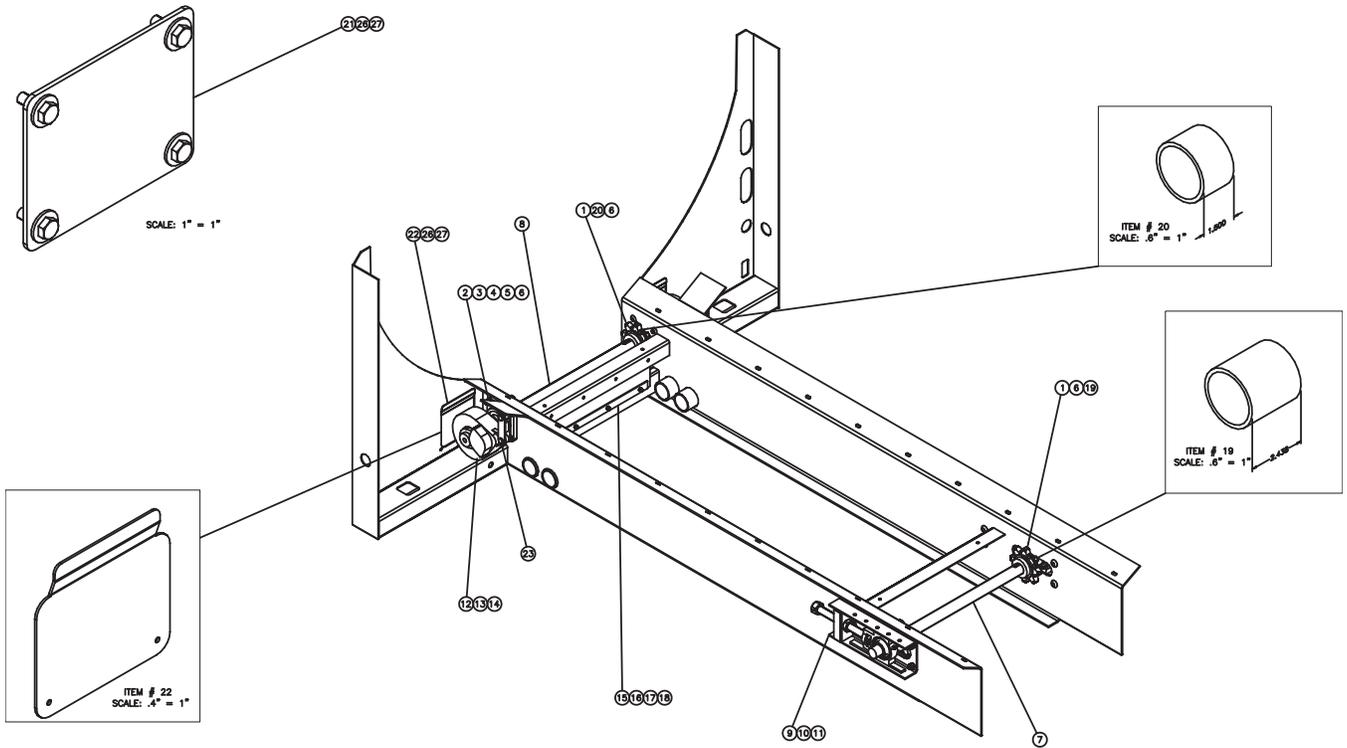
DRIVE KIT, REAR DISCHARGE, BELT-OVER-CHAIN, RAWSON GEARBOX



00015674-A/B DRIVE KIT,RDS,RR,BOC

Item	Qty.	Part Number	Description
1	4	05033028	SPROCKET,8 TOOTH,2"BORE,1/2KEY
2	2	05030006	BEARING,2"-4 BOLT FLANGE
3	8	05014044	BOLT .500-13 X 2.00 G5 CRG ZC
3	8	05016805	BOLT .500-13 CRG SST
4	8	05020847	NUT .500-13 GC TOPLOCK C&W
4	8	05020908	NUT .500-13 NYLON LOCK SST
5	8	05021309	WASHER .500 FLAT ZC
5	8	05021391	WASHER .500 FLAT SST
6	3	05050053	KEY,MACHINERY-.500" x 2.500"
7	1	00020774	SHAFT,IDLER,2" DUZ-MOR
8	1	00020775	SHAFT,DRIVE,DUZ-MOR
9	2	00032786	BEARING ADJUSTER ASSY <i>See Page 44</i>
10	8	05014092	BOLT .625-11 x 1.50 G5 CRG ZC
11	8	05020837	NUT .625-11 GC TOPLOCK C&W
11	8	05020903	NUT .625-11 NYLON LOCK SST
12	2	05051148	GEAR BOX,6:1 2" SHAFT W/O SPEED <i>See Page 150</i>
13	4	05022107	PIN,CLEVIS,.750 x 2.313
14	4	05022021	PIN .125 x 1.000 COTTER
15	2	00024610	WIPER,REAR,DUZ-MOR APRON ASSY
16	2	00025196-A	SUPPORT,REAR,MS
16	2	00025196-B	SUPPORT,REAR,304
17	8	05010644	BOLT .375-16 x 1.25 G8 HHCS ZC
17	8	05016049	BOLT .375-16 x 1.25 HHCS SST
18	8	05020891	NUT .375-16 NYLON LOCK 316 SST
18	8	05020898	NUT .375-16 TOPLOCK C&M,GR C
19	2	00051899	SPACER,SPROCKET,RDS/DUZ-MOR,FR
20	2	00051898	SPACER,SPROCKET,RDS/DUZ-MOR,RR
21	2	00036409	COVER PANEL,RDS,RR,ENCLOSURE,304
22	2	00067183	COVER PL,RDS,REAR PANEL
23	2	00096811	TORQUE ARM WLDMT,RDS
24	.25	05051390	RUST PROOFER HEAVY DUTY
25	2	00079824	OIL DRAIN KIT,RDS,GEARBOX *NS* <i>See Page 44</i>
26	12	05010591	BOLT .250-20 x .750 G8 HHCS ZC
26	12	05016113	BOLT .250-20 x .750 HHCS SST
27	12	05021305	WASHER .250 FLAT ZC
27	12	05021403	WASHER .250 FLAT SST

DRIVE KIT, REAR DISCHARGE, BELT-OVER-CHAIN, DROP FORGED, RAWSON GEARBOX



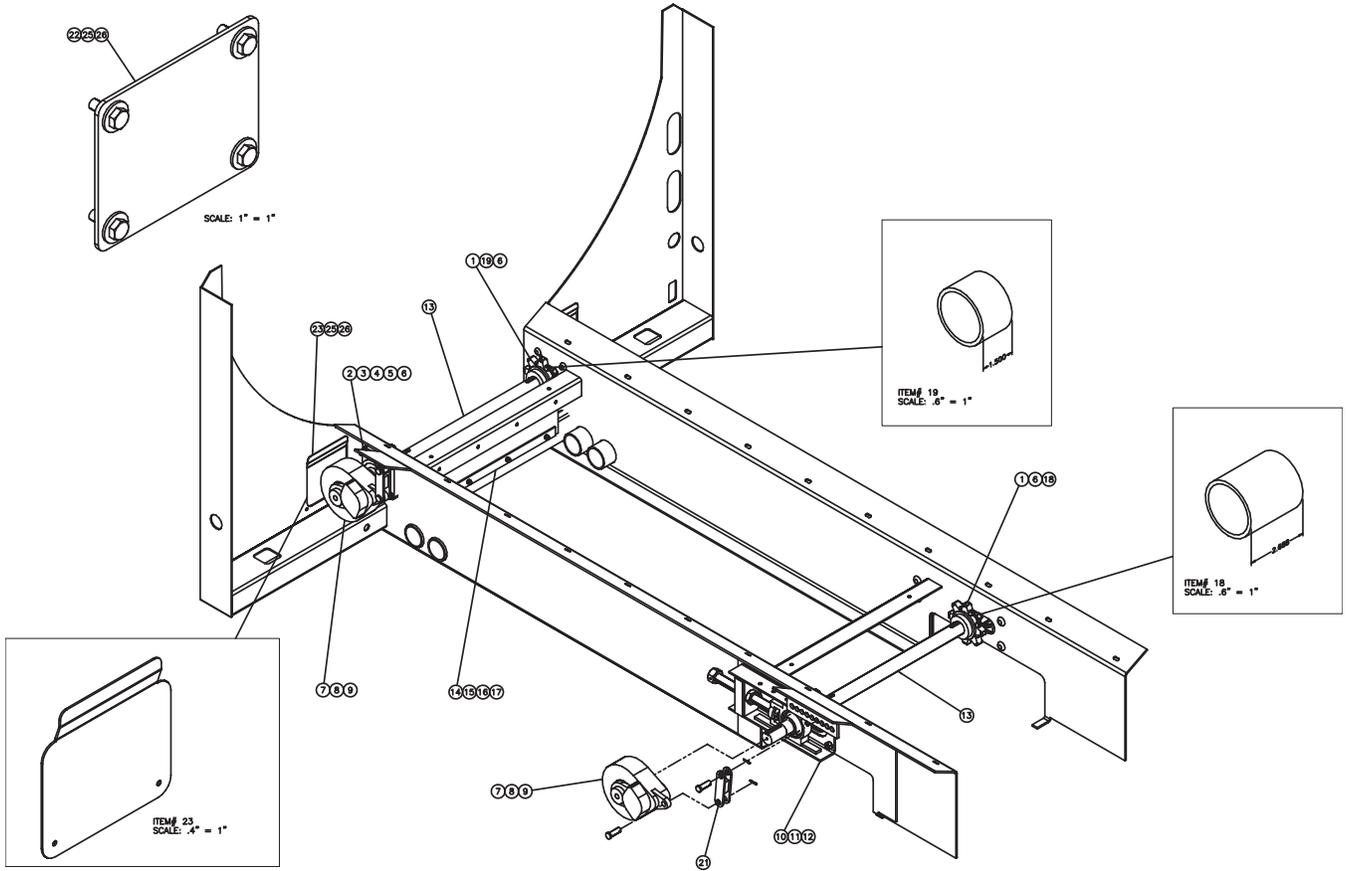
00097538-A/B DRIVE KIT, RDS, RR, BOC, DROP FORGED

Item	Qty.	Part Number	Description
1	4	05033037	SPROCKET,8T,667XH,2"BORE
2	2	05030006	BEARING,2.0 FOUR BOLT FLG
3	8	05014044	BOLT .500-13 x 2.00 G5 CRG ZC
3	8	05016805	BOLT .500-13 x 2.00 CRG SST
4	8	05020847	NUT .500-13 GC TOPLOCK C&W
4	8	05020908	NUT .500-13 NYLON LOCK 316 SST
5	8	05021309	WASHER .500 FLAT ZC
5	8	05021391	WASHER .500 FLAT SST
6	3	05050053	KEY,SQ,.5"x.5"x2.5",MV/MSV
7	1	00020774	SHAFT,IDLER,2.0x43.50,DM,ZC
8	1	00020775	SHAFT,OUTPUT,2.0x49.75,DM,ZC
9	2	00032786	BEARING ADJ ASSY,V-BOX <i>See Page 44</i>
10	8	05014092	BOLT .625-11 x 1.50 G5 CRG ZC
11	8	05020837	NUT .625-11 GC TOPLOCK C&W
11	8	05020903	NUT .625-11 NYLON LOCK 316 SST
12	2	05051148	GEARBOX,6:1,2"SFT DIA,3.56"L <i>See Page 150</i>
13	4	05022107	PIN .750 x 2.313 CLEVIS
14	4	05022021	PIN .125 x 1.0 COTTER
15	2	00024610	REAR HOPPER WIPER
16	2	00025196-A	SUPPORT,REAR,MS
16	2	00025196-B	SUPPORT,REAR,304
17	8	05010644	BOLT .375-16 x 1.25 G8 HHCS ZC
17	8	05016049	BOLT .375-16 x 1.25 HHCS SST
18	8	05020891	NUT .375-16 NYLON LOCK 316 SST
18	8	05020898	NUT .375-16 GC TOPLOCK C&W
19	2	00070295	SPACER,DM,FR,DROP FORGED
20	2	00070294	SPACER,DM,RR,DROP FORGED
21	2	00036409	COVER PANEL,RDS,REAR ENCLOSURE
22	2	00067183	COVER PL,RDS,REAR PANEL
23	2	00096811	TORQUE ARM WLDMT,RDS
24	.25	05051390	RUST PROOFER HEAVY DUTY
25	2	00079824	OIL DRAIN KIT,RDS,GEARBOX <i>See Page 44</i>
26	12	05010591	BOLT .250-20 x .750 G8 HHCS ZC
26	12	05016113	BOLT .250-20 x .750 HHCS SST
27	12	05021305	WASHER .250 FLAT ZC
27	12	05021403	WASHER .250 FLAT SST

00014289-A/B DRIVE KIT,RDS,FR/RR,BOC

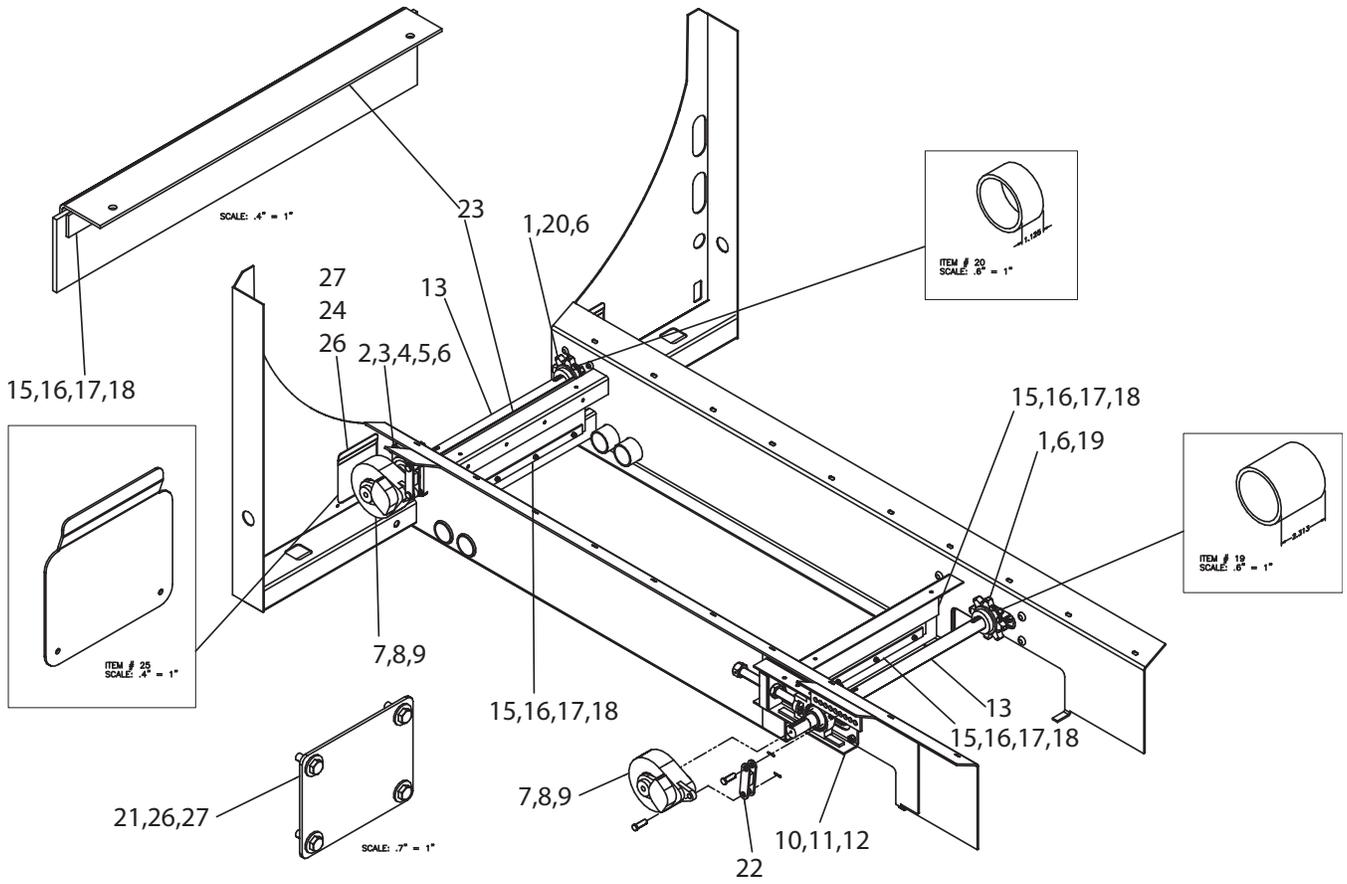
Item	Qty.	Part Number	Description
1	4	05033028	SPROCKET,8T,667XH,2"BORE,.5"KW
2	2	05030006	BEARING,2",4B FLANGE,MSV-MV
3	8	05014044	BOLT .500-13 x 2.00 G5 CRG ZC
3	8	05016805	BOLT .500-13 x 2.00 CRG SS
4	8	05020847	NUT .500-13 GC TOPLOCK C&W
4	8	05020908	NUT .500-13 NYLON LOCK 316 SS
5	8	05021309	WASHER .500 FLAT ZC
5	8	05021391	WASHER .500 FLAT SS
6	4	05050053	KEY,SQ,.5"x.5"x2.5",MV/MSV,2" SHAFT
7	2	05051148	GEARBOX,6:1,2"SFT DIA,3.56"L <i>See Page 150</i>
8	4	05022107	PIN .75 x 2.313 CLEVIS
9	4	05022021	PIN .125 x 1.00 COTTER
10	2	00032786	ADJUSTER ASSY,BEARING,RDS <i>See Page 44</i>
11	8	05014092	BOLT .625-11 x 1.50 G5 CRG ZC
12	8	05020837	NUT .625-11 GC TOPLOCK C&W
12	8	05020903	NUT .625-11 NYLON LOCK SS
13	2	00031314	SHAFT,DRIVE,2"x45.25",CRR,RDS,ZC
14	1	00024610	WIPER,2PLY,REAR APRON ASSY
15	1	00025196-A	SUPPORT,RUBBER FLAP,DM,RR,MS
15	1	00025196-B	SUPPORT,RUBBER FLAP,DM,RR,304
16	4	05010644	BOLT .375-16 x 1.25 G8 HHCS ZC
16	4	05016049	BOLT .375-16 x 1.25 HHCS SS
17	4	05020891	NUT .375-16 NYLON LOCK 316 SS
17	4	05020898	NUT .375-16 GC TOPLOCK C&W
18	2	00099220	SPACER,RDS,FR/RR,SPROCKET
19	2	00051898	SPACER,2x.154WAx1.125SAWCUT
20	1	00079824	OIL DRAIN KIT,RDS,GEARBOX <i>See Page 44</i>
21	2	00096811	TORQUE ARM WLDMT,RDS
22	2	00036409	COVER PANEL,RDS,REAR ENCLOSURE,304
23	2	00067183	COVER PL,RDS,REAR PANEL,304
24	.25	05051390	RUST PROOFER HEAVY DUTY
25	12	05010591	BOLT .250-20 x .750 G8 HHCS ZC
25	12	05016113	BOLT .250-20 x .750 HHCS SS
26	12	05021305	WASHER .250 FLAT SS
26	12	05021403	WASHER .250 FLAT SS

DRIVE KIT, FRONT/REAR DISCHARGE, BELT-OVER-CHAIN, DROP FORGED, RAWSON GEARBOX



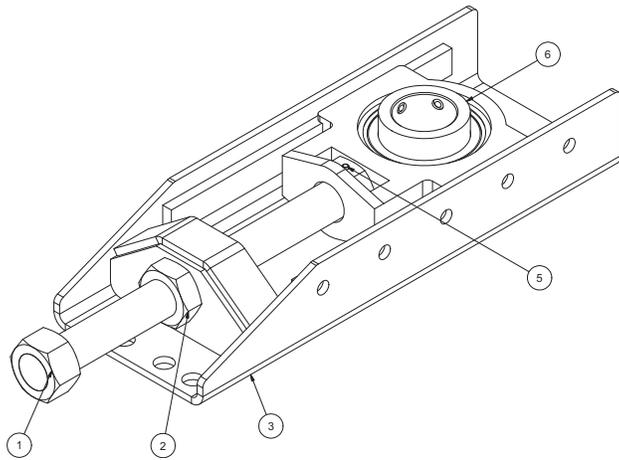
00015672-A/B DRIVE KIT, FR/RR, BELT-OVER CHAIN, DROP FORGED

ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	05033037	SPROCKET,8T,667XH,2"BORE
2	2	05030006	BEARING,2.0 FOUR BOLT FLG
3	8	05014044	BOLT .500-13 x 2.00 G5 CRG ZC
3	8	05016805	BOLT .500-13 x 2.00 CRG SST
4	8	05020847	NUT .500-13 GC TOPLOCK C&W
4	8	05020908	NUT .500-13 NYLON LOCK 316 SST
5	8	05021309	WASHER .500 FLAT ZC
5	8	05021391	WASHER .500 FLAT SST
6	4	05050053	KEY,SQ,.5"x.5"x2.5",MV/MSV
7	2	05051148	GEARBOX,6:1,2"SFT DIA,3.56"L <i>See Page 150</i>
8	4	05022107	PIN .750 x 2.313 CLEVIS
9	4	05022021	PIN .125 x 1.0 COTTER
10	2	00032786	BEARING ADJ ASSY,V-BOX <i>See Page 44</i>
11	8	05014092	BOLT .625-11 x 1.50 G5 CRG ZC
12	8	05020837	NUT .625-11 GC TOPLOCK C&W
12	8	05020903	NUT .625-11 NYLON LOCK 316 SST
13	2	00031314	SHAFT,OUTPUT,2.0x45.250,RDS,ZC
14	1	00024610	REAR HOPPER WIPER
15	1	00025196-A	SUPPORT,REAR,MS
15	1	00025196-B	SUPPORT,REAR,304
16	4	05010644	BOLT .375-16 x 1.25 G8 HHCS ZC
16	4	05016049	BOLT .375-16 x 1.25 HHCS SST
17	4	05020898	NUT .375-16 GC TOPLOCK C&W
17	4	05020891	NUT .375-16 NYLON LOCK 316 SST
18	2	00099221	SPACER,RDS,FR,DROP FORGED
19	2	00070294	SPACER,DM,RR,DROP FORGED
20	1	00079824	OIL DRAIN KIT,RDS,GEARBOX <i>See Page 44</i>
21	2	00096811	TORQUE ARM WLDMT,RDS
22	2	00036409	COVER PANEL,RDS,REAR ENCLOSURE
23	2	00067183	COVER PL,RDS,REAR PANEL
24	0.25	05051390	RUST PROOFER HEAVY DUTY
25	12	05010591	BOLT .250-20 x .750 G8 HHCS ZC
26	12	05021305	WASHER .250 FLAT ZC
26	12	05016113	BOLT .250-20 x .750 HHCS SST
27	12	05021403	WASHER .250 FLAT SST



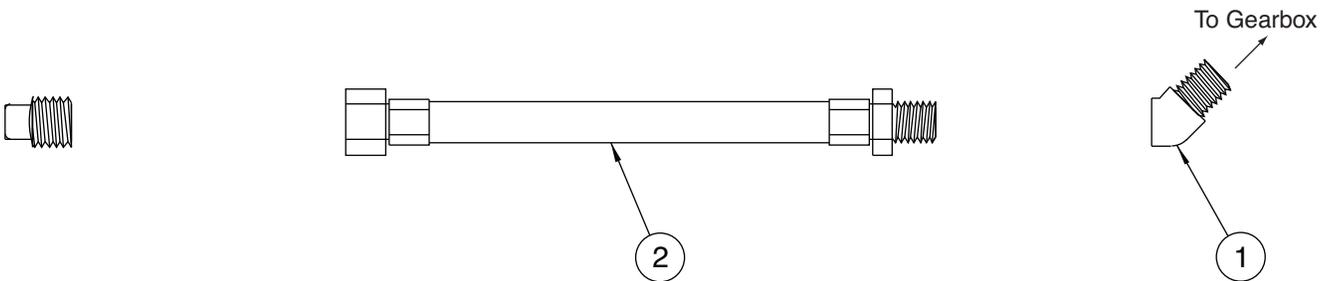
00139585 DRIVE KIT, RDS, FR/RR, MS, 304 BEARING ADJ

ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	05033028	SPROCKET,8T,667XH,2"BORE
2	2	05030006	BEARING,2",4B FLANGE,MSV-MV
3	8	05014044	BOLT .500-13 x 2.00 G5 CRG ZC
4	8	05020847	NUT .500-13 GC TOPLOCK C&W
5	8	05021309	WASHER .500 FLAT ZC
6	4	05050053	KEY,SQ,.5"x.5"x2.5",MV/MSV
7	2	05051148	GEARBOX,6:1,2"SFT DIA,3.56"L <i>See Page 150</i>
8	4	05022107	PIN .75 x 2.313 CLEVIS
9	4	05022021	PIN .125 x 1.00 COTTER
10	2	00101305	BEARING ADJ ASSY,RDS,304 <i>See Page 44</i>
11	8	05014092	BOLT .625-11 x 1.50 G5 CRG ZC
12	8	05020837	NUT .625-11 GC TOPLOCK C&W
13	2	00031314	SHAFT,DRIVE,2"x45.25",CRR,RDS
14	1	00079824	OIL DRAIN KIT,RDS,GEARBOX <i>See Page 44</i>
15	4	00024610	WIPER,2PLY,REAR APRON ASSY
16	4	00025196-A	SUPPORT,RUBBER FLAP,DM,RR,MS
17	16	05010644	BOLT .375-16 x 1.25 G8 HHCS ZC
18	16	05020898	NUT .375-16 GC TOPLOCK C&W
19	2	00099220	SPACER,RDS,FR/RR,SPROCKET
20	2	00051898	SPACER,2x.154WAx1.125SAWCUT
21	2	00036409	COVER PANEL,RDS,REAR ENCLOSURE,304
22	2	00096811	TORQUE ARM WLDMT,RDS
23	2	00067186-A	WIPER ANGLE,RDS,MS,REAR DRIVE
24	2	00067183	COVER PL,RDS,REAR PANEL
25	0.25	05051390	RUST PROOFER HEAVY DUTY
26	12	05010591	BOLT .250-20 x .750 G8 HHCS ZC
27	12	05021305	WASHER .250 FLAT ZC



00032786 BEARING ADJUSTER ASSEMBLY

Item	Qty	Part Number	Description
1	1	00032963	Threaded Rod Weldment
2	1	05020127	Jam Nut, 1¼-7 UNC
3	1	00031321	Adjuster Weldment
4	1	05020897	Square Nut, 1¼-7 UNC
5	1	05022026	Spring Pin, ¼x 2
6	1	05030050	Bearing, Take-Up Mount, 2" DIA



00079824 OIL DRAIN KIT, GEARBOX

Item	Qty	Part Number	Description
1	1	05043057	Fitting, 45-Deg, Brass, .375 MNPT
2	1	05043056	Hose Assy, .375" ID, 7.25" OAL

MOTOR KITS

00057026 MOTOR KIT, 9'-11'

Item	Qty.	Part Number	Description
1	2	05006553	MOTOR,HYD,WHITE,15.5CI,2BOLT, <i>See Page 152</i>
2	4	05010691	BOLT .500-13 x 1.50 G8 HHCS ZC
3	4	05021367	WASHER .500 LOCK ZC
4	2	05006356	O-RING,SQ,.118"THK,3.484"OD

00057028 MOTOR KIT, 15.5 CI, SPEED SENSOR

Item	Qty.	Part Number	Description
1	2	05010693	BOLT .500-13 x 2.00 G8 HHCS ZC
2	4	05021367	WASHER .500 LOCK ZC
3	2	05010691	BOLT .500-13 x 1.50 G8 HHCS ZC
4	1	05006553	MOTOR,HYD,WHITE,15.5CI,2BOLT, <i>See Page 152</i>
5	1	05006595	MOTOR,HYD,WHITE,15.5CI,2B,DISP <i>See Page 154</i>
6	2	05006356	O-RING,SQ,.118"THK,3.484"OD

00059360 MOTOR KIT, SPEED SENSOR, 12'-18'

Item	Qty.	Part Number	Description
1	1	05006596	MOTOR,HYD,WHITE,17.9CI,2B,DISP <i>See Page 156</i>
2	1	05006548	MOTOR,HYD,WHITE,17.9CI,2BOLT <i>See Page 158</i>
3	2	05010693	BOLT .500-13 x 2.00 G8 HHCS ZC
4	2	05010691	BOLT .500-13 x 1.50 G8 HHCS ZC
5	4	05021367	WASHER .500 LOCK ZC
6	2	05006356	O-RING,SQ,.118"THK,3.484"OD

00084960 MOTOR KIT,RDS,DUAL,18.3CI,

Item	Qty.	Part Number	Description
1	2	05006444	MOTOR,HYD,WHITE,18.3CI,2B <i>See Page 166</i>
2	4	05021367	WASHER .500 LOCK ZC
3	4	05010691	BOLT .500-13 x 1.50 G8 HHCS ZC
4	2	05006356	O-RING,SQ,.118"THK,3.484"OD,3.248"ID

00065939 MOTOR KIT,DM,12'-16',17.9CID

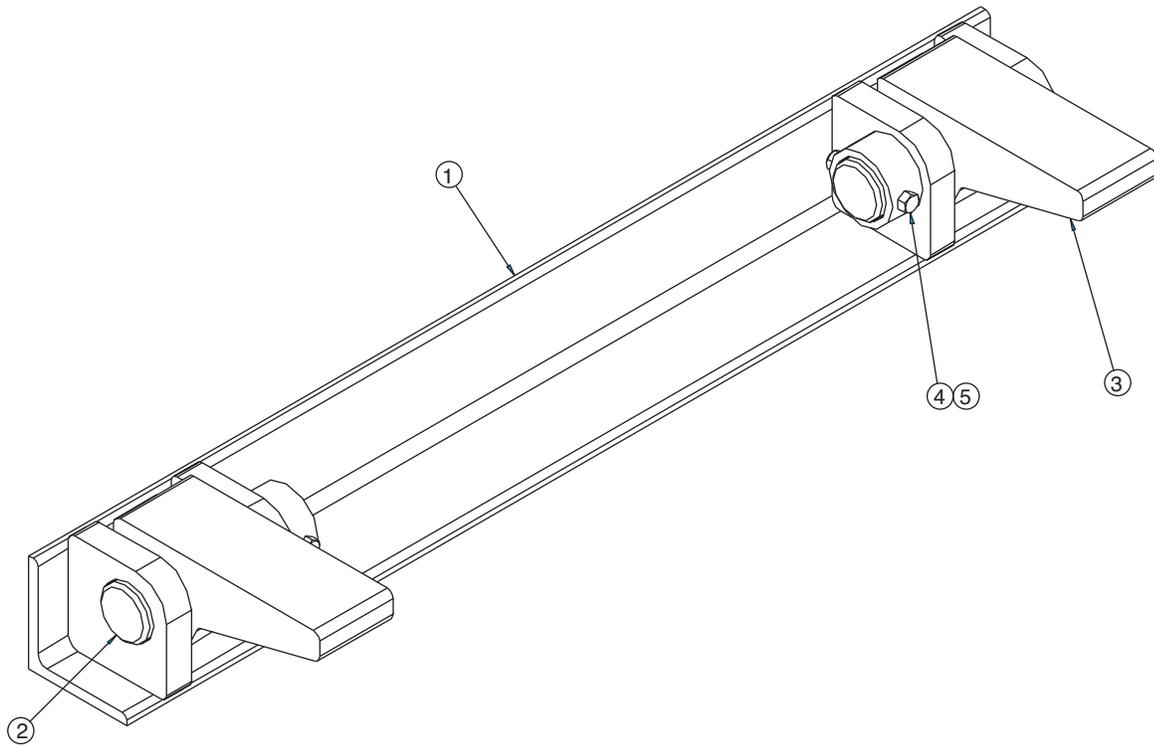
Item	Qty.	Part Number	Description
1	2	05006548	MOTOR,HYD,WHITE,17.9CID,2BOLT <i>See Page 158</i>
2	4	05010691	BOLT .500-13 x 1.50 G8 HHCS ZC
3	4	05021367	WASHER .500 LOCK ZC

PINTLE CHAIN

Item	Qty	Part Number	Description
RR DISCHARGE 4½" SPACING (STANDARD)			
	1	05036438	Chain Pintle, 78 Links, 39 Flats, 9'
		05036297	Chain Pintle, 89 Links, 45 Flats, 10'
		05036350	Chain Pintle, 99 Links, 50 Flats, 11'
		05036351	Chain Pintle, 110 Links, 55 Flats, 12'
		05036102	Chain Pintle, 120 Links, 60 Flats, 13'
		05036125	Chain Pintle, 132 Links, 66 Flats, 14'
		05036068	Chain Pintle, 142 Links, 71 Flats, 15'
		05036352	Chain Pintle, 152 Links, 76 Flats, 16'
		05036440	Chain Pintle, 163 Links, 82 Flats, 17'
		05036343	Chain Pintle, 174 Links, 87 Flat, 18'
RR DISCHARGE, 2¼" SPACING			
	1	05036389	Chain Pintle, 78 Links, 78 Flats, 9'
		05036298	Chain Pintle, 89 Links, 89 Flats, 10'
		05036437	Chain Pintle, 99 Links, 99 Flats, 11'
		05036353	Chain Pintle, 110 Links, 110 Flats, 12'
		05036126	Chain Pintle, 121 Links, 121 Flats, 13'
		05036148	Chain Pintle, 132 Links, 132 Flats, 14'
		05036149	Chain Pintle, 142 Links, 142 Flats, 15'
		05036147	Chain Pintle, 152 Links, 152 Flats, 16'
		05036472	Chain Pintle, 164 Links, 164 Flats, 17'
		05036224	Chain Pintle, 174 Links, 174 Flats, 18'
FR/RR DISCHARGE 4½" SPACING (STANDARD)			
	1	05036435	Chain Pintle, 72 Links, 36 Flats, 9'
		05036355	Chain Pintle, 82 Links, 41 Flats, 10'
		05036356	Chain Pintle, 93 Links, 46 Flats, 11'
		05036295	Chain Pintle, 104 Links, 52 Flats, 12'
		05036357	Chain Pintle, 114 Links, 57 Flats, 13'
		05036358	Chain Pintle, 126 Links, 63 Flats, 14'
		05036359	Chain Pintle, 136 Links, 68 Flats, 15'
		05036360	Chain Pintle, 146 Links, 73 Flats, 16'
		05036436	Chain Pintle, 157 Links, 79 Flats, 17'
FR/RR DISCHARGE 2¼" SPACING			
	1	05036369	Chain Pintle, 82 Links, 82 Flats, 10'
		05036299	Chain Pintle, 114 Links, 114 Flats, 13'
		05036376	Chain Pintle, 125 Links, 125 Flats, 14'
		05036372	Chain Pintle, 136 Links, 136 Flats, 15'

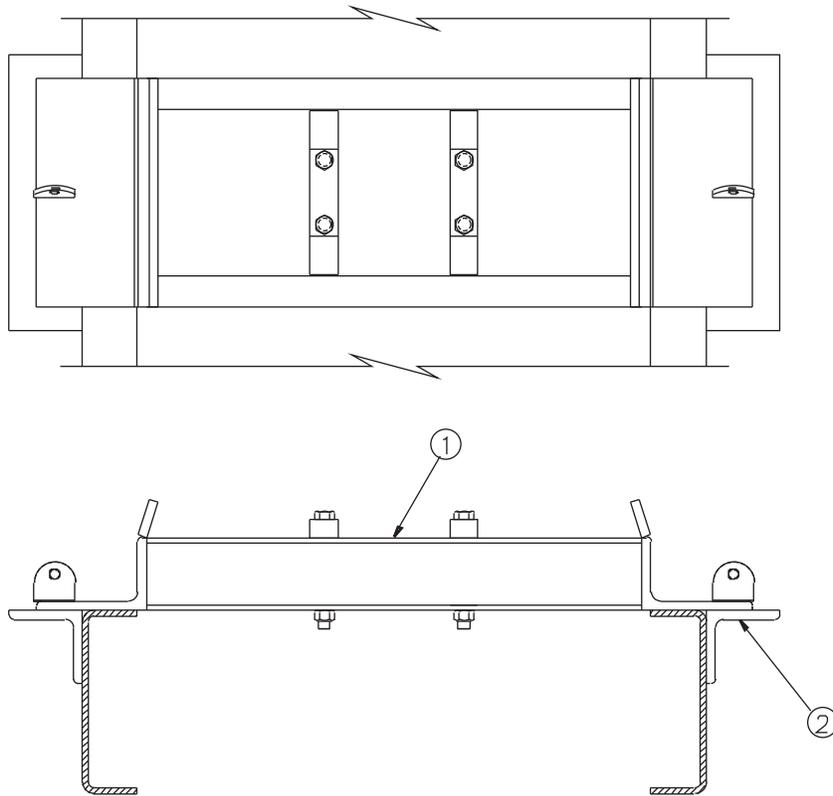
CYLINDER TELESCOPIC			
Item	Qty	Part Number	Description
	1	05002814	Cylinder, Telescopic, 4½ x 3 x 90 <i>(Used on 9'-10' Bodies)</i>
		05002907	Cylinder, Telescopic, 4½ x 3 x 100 <i>(Used on 11' Bodies)</i>
		05002322	Cylinder, Telescopic, 5½ x 3 x 110 <i>(Used on 12' Bodies)</i>
		05002816	Cylinder, Telescopic, 5½ x 3 x 120 <i>(Used on 13' Bodies)</i>
		05002323	Cylinder, Telescopic, 5½ x 3 x 130 <i>(Used on 14'-15' Bodies)</i>
		05002815	Cylinder, Telescopic, 6½ x 4 x 150 <i>(Used on 16' Bodies)</i>
		05002324	Cylinder, Telescopic, 6½x 4 x 160 <i>(Used on 17'-≥ 18' Bodies)</i>

BLOCKS, BODY, MAILHOT CYLINDER MOUNT			
Item	Qty	Part Number	Description
1	1	05052965	Blocks, Body, Mailhot Cylinder Mount, Small <i>(Used on 9'-15' Bodies)</i>
2	1	05052966	Blocks, Body, Mailhot Cylinder Mount, Large <i>(Used on 16'-18' Bodies)</i>



00084913 HINGE BODY ASSEMBLY

Item	Qty	Part Number	Description
1	1	00084912	Hinge Body Weldment
2	2	00084909	Pin, Dump Body
3	2	00084908	Hinge, Dump Body
4	2	05010651	Bolt, $\frac{3}{8}$ -16 x 3, G8, HHCS, Zinc
5	2	05020898	Nut, $\frac{3}{8}$ -16, GC, Top Lock, C&W



00048482 CRADLE ASSEMBLY, 9'-11'
00031496 CRADLE ASSEMBLY, 12'-15'
00059388 CRADLE ASSEMBLY, 16'-18'

Item	Qty	Part Number	Description
1	1	00048480	Cradle Weldment, 9-11'
		00032939	Cradle Weldment, 12'-15'
		00059385	Cradle Weldment, 16'-18'
2	2	00111880	Mounting Angle, Cradle Frame

DOOR KIT

00049445 DOOR KIT, REAR DISCHARGE			
Item	Qty	Part Number	Description
1	1	00042537	Door Jack Assmby, Rear <i>(See Page 53)</i>
2	1	00052283	Crank Assembly, Jack, MS <i>(See Page 54)</i>
		00052285	Crank Assembly, Jack, SST <i>(See Page 54)</i>
3	1	00028458-A	Door Weldment, Rear, MS
		00028458-B	Door Weldment, Rear, SST
		00028458-D	Door Weldment, Rear, Corten
		00028458-E	Door Weldment, Rear, Domex
		00028458-F	Door Weldment, Rear,3044B
		00028458-G	Door Weldment, Rear, AUSST
		00028458-H	Door Weldment, Rear, AR400F
4	1	05050426	Indicator, Aluminum, 9" Gate
5	1	00038482	Wiper, Door
6	1	00028455-A	Support, Door, MS
		00028455-B	Support, Door, SST
		00028455-C	Support, Door, 3044B,
		00028455-D	Support, Door, AUSST
7	4	05020898	Nut, 3/8-16, GC, Top Lock, C&W
		05020891	Nut, 3/8-16, Nylon Lock, SST
8	4	05014677	Bolt, 3/8-16 x 1 1/4, FSHCS
		05016033	Bolt, 3/8-16 x 1 1/4, FSHCS, SST

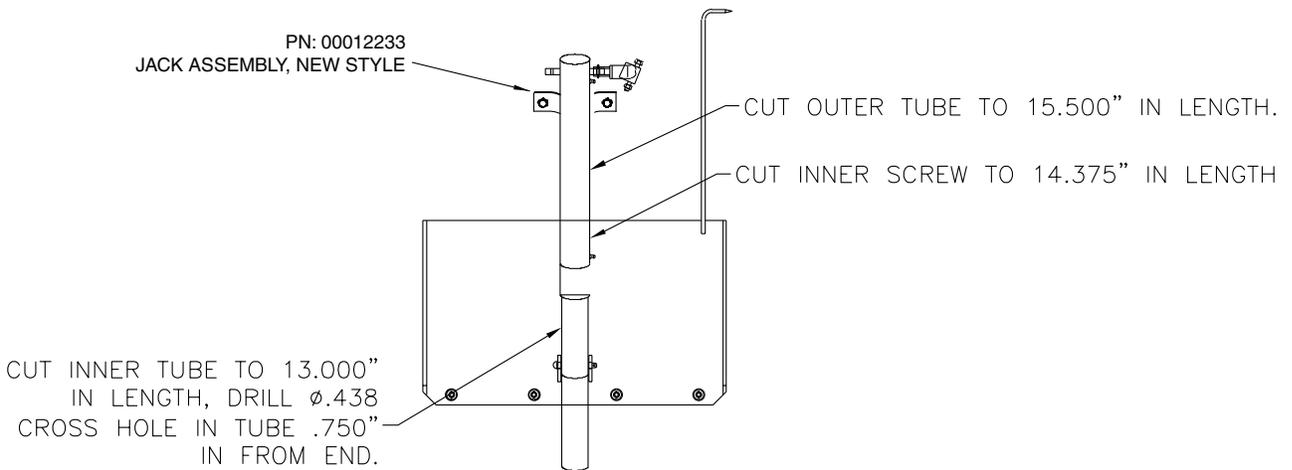
00049446 DOOR KIT, FRONT/REAR DISCHARGE

Item	Qty	Part Number	Description
1	1	00042535	Door Jack Assembly, Front (See Page 53)
2	2	00052283	Crank Assembly, Jack, MS (See Page 54)
		00052285	Crank Assembly, Jack, SST (See Page 54)
3	1	00040685-A	Door Weldment, Front, MS
		00040685-B	Door Weldment, Front, 304 SST
		00040685-D	Door Weldment, Front, Corten
		00040685-E	Door Weldment, Front, Domex
		00040685-F	Door Weldment, Front, AUSST
4	2	05050426	Indicator, Aluminum, 9" Gate
5	2	00038482	Wiper, Door
6	2	00028455-A	Support, Door, MS
		00028455-B	Support, Door, 304 SST
		00028455-C	Support, Door, 409 SST
		00028455-D	Support, Door, AUSST
		00028455-E	Support, Door, Domex
7	8	05020898	Nut, 3/8-16, GC, Top Lock, C&W
		05020891	Nut, 3/8-16, Nylon Lock, SST
8	1	00028458-A	Door Weldment, Rear, MS
		00028458-B	Door Weldment, Rear, 304 SST
		00028458-C	Door Weldment, Rear, 409 SST
		00028458-D	Door Weldment, Rear, Corten
		00028458-E	Door Weldment, Rear, Domex
		00028458-G	Door Weldment, Rear, AUSST
9	8	05014677	Bolt, 3/8-16 x 1 1/4, FSHCS
		05016940	Bolt, 3/8-16 x 1 1/4, FSHCS, SST
10	1	00042537	Door Jack Assembly, Rear (See Page 53)

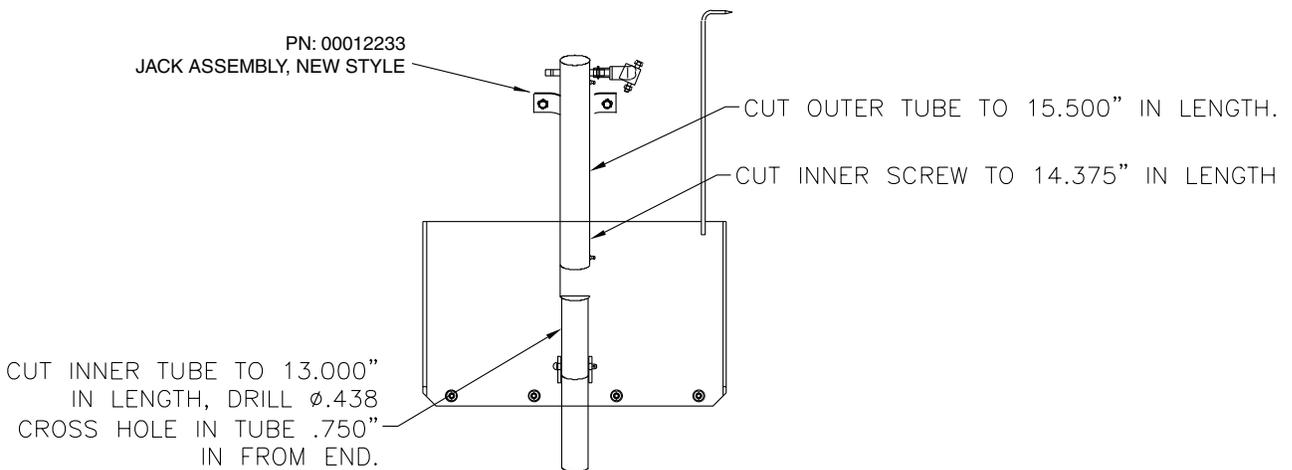
00059355 DOOR KIT, FRONT DISCHARGE

Item	Qty	Part Number	Description
1	1	00042535	Door Jack Assembly, Front (See Page 53)
2	1	00052283	Crank Assembly, Jack, MS (See Page 54)
		00052285	Crank Assembly, Jack, SST (See Page 54)
3	1	00040685-A	Door Weldment, Front, MS
		00040685-B	Door Weldment, Front, 304 SST
		00040685-D	Door Weldment, Front, Corten
		00040685-F	Door Weldment, Front, AUSST
4	1	05050426	Indicator, Aluminum 9" Gate
5	1	00038482	Wiper, Door
6	1	00028455-A	Support, Door, MS
		00028455-B	Support, Door, SST
		00028455-D	Support, Door, AUSST
7	4	05020898	Nut, 3/8-16, GC, Top Lock, C&W
		05020840	Nut, 3/8-16, Spin Lock, SST
8	4	05014677	Bolt, 3/8-16 x 1 1/4, FSHCS
		05016940	Bolt, 3/8-16 x 1 1/4, FSHCS, SST

00042535 FRONT DOOR JACK ASSEMBLY

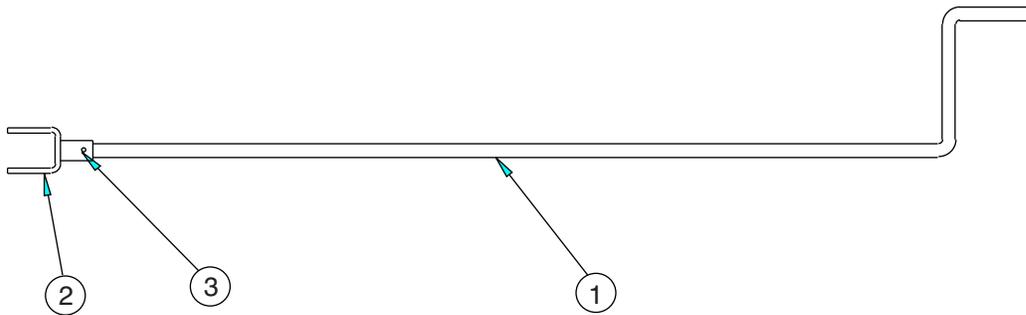


00042537 REAR DOOR JACK ASSEMBLY



DOOR JACK ASSEMBLY PARTS LIST

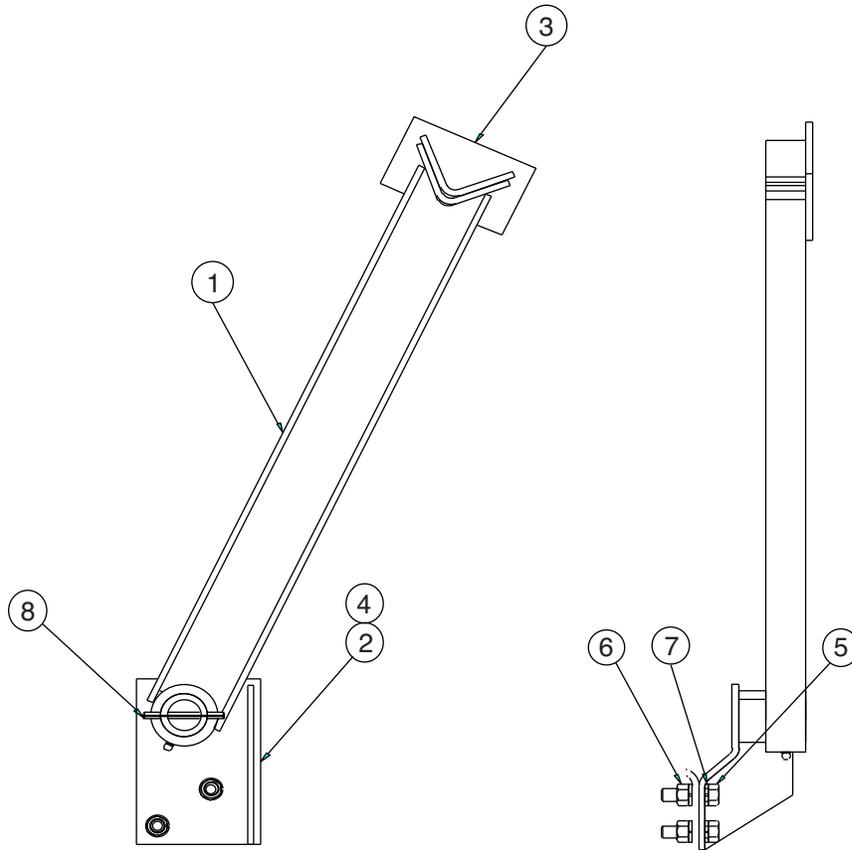
Item	Qty	Part Number	Description
1	1	05022134	Pin, $\frac{3}{8}$ x 3, Clevis, Zinc
2	1	05022072	Pin, $\frac{5}{16}$ " x $\frac{7}{8}$ " Roll, Zinc
3	1	05050258	Clevis, Door Jack
4	1	05051455	U-Joint, 1 $\frac{1}{4}$ " Square, UHMW
5	1	05022021	Pin, $\frac{1}{8}$ " x 1" Cotter
6	2	05016143	Bolt, $\frac{5}{16}$ -18 x 2 $\frac{1}{4}$, GR8, HHCS, SST
7	2	05020907	Nut, $\frac{5}{16}$ -18, G5, Nylon Lock, SST
8	1	00083703	Door Jack



00052283 CRANK ASSEMBLY, JACK, MS
00052285 CRANK ASSEMBLY, JACK, SST

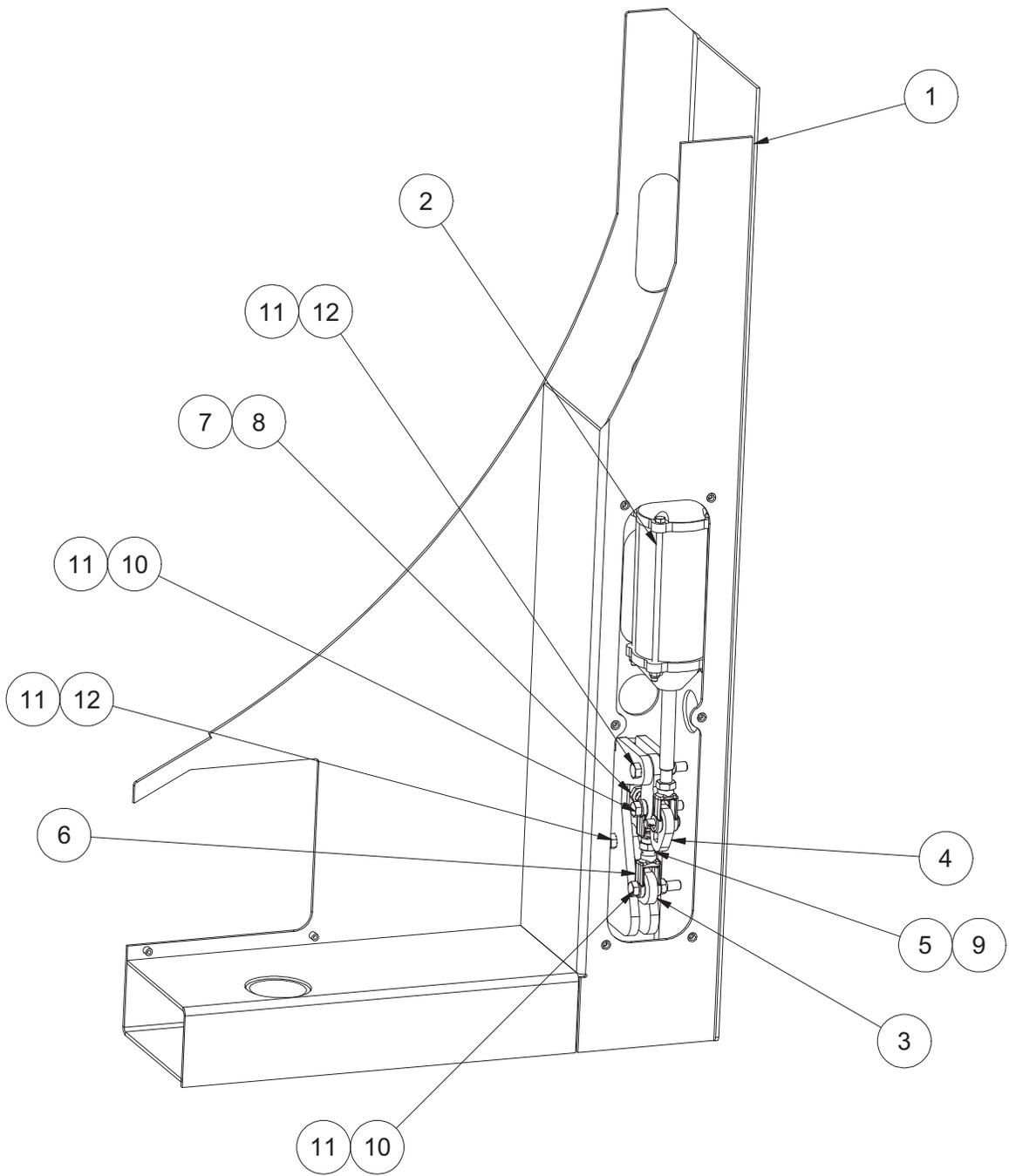
Item	Qty	Part Number	Description
1	1	00052290	Crank, Jack, 39" MS
		00052292	Crank, Jack, 39, SST
2	1	05050258	Clevis, Door Jack
3	1	05022072	Roll Pin

BODY PROP KIT



00012214 BODY PROP KIT

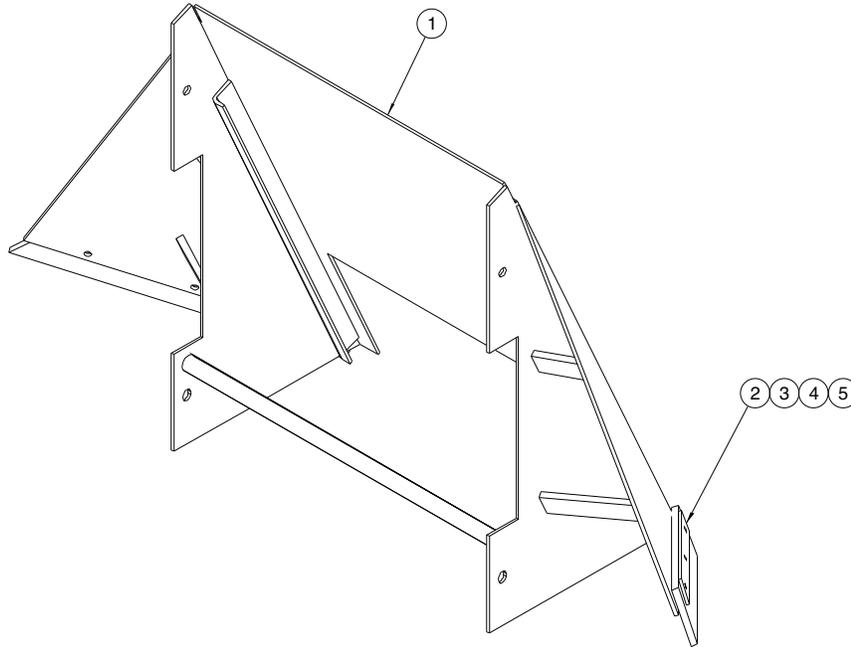
Item	Qty	Part Number	Description
1	2	00032336	Arm Assembly
2	1	00032931	LH Bracket Weldment
3	2	00032928	Bracket Weldment
4	1	00032932	RH Bracket Weldment
5	4	05010739	Bolt, .625 x 2
6	4	05020270	Nut, .625, Toplock
7	4	05021383	Washer, .625 Lock, Zinc
8	2	05022188	Pin, ¼ x 2½, Roll, Zinc
9	1	00049493	Decal Kit, RDS (Not Shown)



00141762 & 00141761 POST ASSEMBLY, RDS, 3-HOLE

Item	Qty.	Part Number	Description
1	1	00141725-A	POST WELDMENT, RDS, LH, MS
		00141725-B	POST WELDMENT, RDS, LH, SST
		00141725-C	POST WELDMENT, RDS, LH, AUSST
		00141724-A	POST WELDMENT, RDS, RH, MS
		00141724-B	POST WELDMENT, RDS, RH, SST
		00141724-C	POST WELDMENT, RDS, RH, AUSST
2	1	00136634	CYLINDER KIT, AIR, 3.5 X 6 ELECCTL
3	1	00139561-A	HOOK, LATCH, TGT, RDS, MS
		00139561-B	HOOK, LATCH, TGT, RDS, SST
4	1	00139562-A	LINK, LATCH, TGT, RDS, MS
		00139562-B	LINK, LATCH, TGT, RDS, SST
5	1	00139573	THREAD RD, SS, .625-18 UNF X 2
6	2	05050240	CLEVIS, ADJ END, .625" NF THREAD
7	1	05010691	BOLT, .5-13 X 1.50, G8, HHCS, ZINC
8	1	05020120	NUT, .5-13, G2, JAM ZINC
9	1	05002798	NUT, .625-18 JAM, ZINC, VELVAC
10	2	05010695	BOLT, .5-13 X 2.50, G8, HHCS, ZINC
		05016207	BOLT, .5-13 X 2.50, HHCS, SST
11	4	05020847	NUT, .5-13 GC, TOPLOCK, C&W
		05020908	NUT, .5-13, NYLON LOCK, 316 SST
12	2	05010696	BOLT, .5-13 X 2.75, G8, HHCS, ZINC
		05017203	BOLT, .5-13 X 2.75, HHCS, SST

INSERT ASSEMBLY, TAILGATE



00049450 INSERT ASSEMBLY, TAILGATE			
Item	Qty	Part Number	Description
1	1	00034738-A	Insert Weldment, MS
		00034738-B	Insert Weldment, 304 SST
		00034738-D	Insert Weldment, Corten
		00034738-E	Insert Weldment, Domex
		00034738-F	Insert Weldment, 3044B
		00034738-G	Insert Weldment, AUSST
2	2	00038481	Wiper Tailgate
3	2	00038480-A	Support, Tailgate, MS
		00038480-B	Support, Tailgate, SST
		00038480-C	Support, Tailgate, AUSST
4	6	05010619	Bolt, 5/16-18 x 1 1/4, G8, HHCS, Zinc
		05016139	Bolt, 5/16-18 x 1 1/4, HHCS, SST
5	6	05020909	Nut, 5/16-18, GC, Top Lock, C&W
		05020907	Nut, 5/16-18, Nylon Lock, SST

FLOOR KIT

Item	Qty	Part Number	Description	
1	1	00050381-*	Floor Weldment, 9', Rear	
		00050382-*	Floor Weldment, 10', Rear	
		00050383-*	Floor Weldment, 11', Rear	
		00050384-*	Floor Weldment, 12', Rear	
		00050385-*	Floor Weldment, 13', Rear	
		00050386-*	Floor Weldment, 14', Rear	
		00050387-*	Floor Weldment, 15', Rear	
		00050388-*	Floor Weldment, 16', Rear	
		00050389-*	Floor Weldment, 17', Rear	
		00050390-*	Floor Weldment, 18', Rear	
		00050391-*	Floor Weldment, 9', Front/Rear	
		00050392-*	Floor Weldment, 10', Front/Rear	
		00050393-*	Floor Weldment, 11', Front/Rear	
		00050394-*	Floor Weldment, 12', Front/Rear	
		00050395-*	Floor Weldment, 13', Front/Rear	
		00050396-*	Floor Weldment, 14', Front/Rear	
		00050397-*	Floor Weldment, 15', Front/Rear	
		00050398-*	Floor Weldment, 16', Front/Rear	
		00050399-*	Floor Weldment, 17', Front/Rear	
00052110-*	Floor Weldment, 18', Front/Rear			
2	4	05020898	Nut, 3/8-16, GC, Top Lock, C&W	
		05020891	Nut, 3/8-16, Nylon Lock, SST	
3	4	05021307	Washer, 3/8, Flat, Zinc	
		05021390	Washer, 3/8, Flat, SST	
4	4	05014677	Bolt, 3/8-16 x 1 1/4, FSHCS	
		05016033	Bolt, 3/8-16 x 1 1/4, Flat Head, SST	

* Please specify when ordering they type of material needed.

- A Mildsteel
- B 304 Stainless Steel
- C 409 Stainless Steel
- D AR
- E Domex
- F AUSST

CHAIN COVER KIT

REAR DISCHARGE			
Item	Qty	Part Number	Description
1	2	00032980-*	Chain Cover, 9'
		00032981-*	Chain Cover, 10'
		00032982-*	Chain Cover, 11'
		00032983-*	Chain Cover, 12'
		00032984-*	Chain Cover, 13'
		00032985-*	Chain Cover, 14'
		00032986-*	Chain Cover, 15'
		00032987-*	Chain Cover, 16'
		00032988-*	Chain Cover, 17'
		00032989-*	Chain Cover, 18'
2	See Chart	05013987	Bolt, 3/8-16 x 1 1/4, G5, Carriage, Zinc
		05016746	Bolt, 3/8-16 x 1 1/4, Carriage, SST
3	See Chart	05020898	Nut, 3/8-16, Top Lock, C&W
		05020891	Nut, 3/8-16, Nylon Lock, SST
4	See Chart	05021307	Washer, .375, Flat, Zinc
		05021390	Washer, .375, Flat, SST

*** Please specify when ordering they type of material needed.**

- A Mildsteel**
- B 304 Stainless Steel**
- D AR**
- E AUSST**

9'	10'	11'	12'	13'	14'	15'	16'	17'	18'
Qty. 16	Qty. 18	Qty. 20	Qty. 22	Qty. 24	Qty. 26	Qty. 28	Qty. 30	Qty. 32	Qty. 34

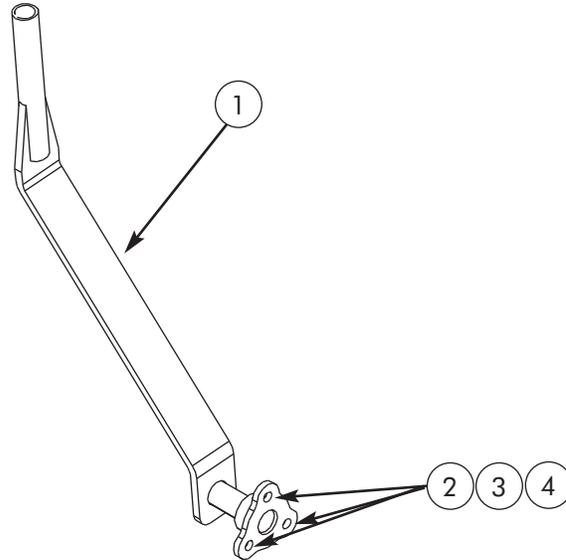
FRONT/REAR DISCHARGE

Item	Qty	Part Number	Description
1	2	00032991-*	Chain Cover, 9'
		00032980-*	Chain Cover, 9' used on 10' Body
		00032981-*	Chain Cover, 10' used on 11' Body
		00032982-*	Chain Cover, 11' used on 12' Body
		00032983-*	Chain Cover, 12' used on 13' Body
		00032984-*	Chain Cover, 13' used on 14' Body
		00032985-*	Chain Cover, 14' used on 15' Body
		00032986-*	Chain Cover, 15' used on 16' Body
		00032987-*	Chain Cover, 16' used on 17' Body
		00032988-*	Chain Cover, 17' used on 18' Body
2	See Chart	05013987	Bolt, 3/8-16 x 1 1/4, G5, Carriage, Zinc
		05016746	Bolt, 3/8-16 x 1 1/4, Carriage, SST
3	See Chart	05020898	Nut, 3/8-16, Top Lock, C&W
		05020891	Nut, 3/8-16, Nylon Lock, SST
4	See Chart	05021307	Washer, .375, Flat, Zinc
		05021390	Washer, .375, Flat, SST

* Please specify when ordering they type of material needed.

- A Mildsteel
- B 304 Stainless Steel
- D AR
- E AUSST

9'	10'	11'	12'	13'	14'	15'	16'	17'	18'
Qty. 14	Qty. 16	Qty. 18	Qty. 20	Qty. 22	Qty. 24	Qty. 26	Qty. 28	Qty. 30	Qty. 32



00018542 HANDLE KIT, TGT LATCH, BOLT-ON W/ GRIP

Item	Qty	Part Number	Description
1	1	00018540	Handle Weldment
2	3	05010644	Bolt, 3/8-16 x 1 1/4, G8, HHCS, Zinc
3	3	05020898	Nut, 3/8-16, GC, Top Lock, C&W
4	3	05021307	Washer, 3/8, Flat, Zinc
5	1	05050314	Handle Grip, 1" x 4 3/8", Model RG

00018548 CHAIN KIT, HARDWARE

Item	Qty	Part Number	Description
1	2	00034712	Chain, $\frac{3}{8}$ x $7\frac{1}{2}$
2	2	05010692	Bolt, $\frac{1}{2}$ -13 x $1\frac{3}{4}$, G8, HHCS, Zinc
3	2	05020847	Nut, $\frac{1}{2}$ -13, G8, Top Lock, C&W
4	4	05021309	Washer, $\frac{1}{2}$, Flat, Zinc
5	10 FT	05052520	Tubing, Chain Wrap

00079809 CHAIN KIT, RDS, SST HDW

Item	Qty	Part Number	Description
1	2	00034712	Chain, $\frac{3}{8}$ x $7\frac{1}{2}$
2	2	05016204	Bolt, $\frac{1}{2}$ -13 x $1\frac{3}{4}$, HHCS, SST
3	4	05020908	Nut, $\frac{1}{2}$ -13, Nylon Lock, 316 SST
4	2	05021391	Washer, $\frac{1}{2}$, Flat, SST
5	10 FT	05052520	Tubing, Chain Wrap



05051625 QTY 1

CAUTION

1. Read all instructions to users.
2. Make certain everyone is clear of machine before starting engine operation.
3. Keep hands, feet and clothing away from power driven parts.
4. Disconnect PTO, shut off hydraulic valve and set parking brake before leaving machine unattended. Make sure all movement has stopped before servicing or attempting to machine.
5. Make sure machine is safely supported when it is being serviced, disconnected or stored.
6. Use flashing lights when operating machine.

IF DEFICED - ORDER PART NO. 05051625

05051404 QTY 1

DANGER

Moving Conveyor/Bauger!

- Disconnect and lockout power before servicing, adjusting or cleaning.
- Keep hands, feet, hair and loose clothing away from moving parts at all times.
- Never remove or modify guards or devices.
- Failure to heed will result in serious injury or death.

05051406 QTY 3

CAUTION

Use care when mounting or dismounting.

IF DEFICED - ORDER PART NO. 05051409

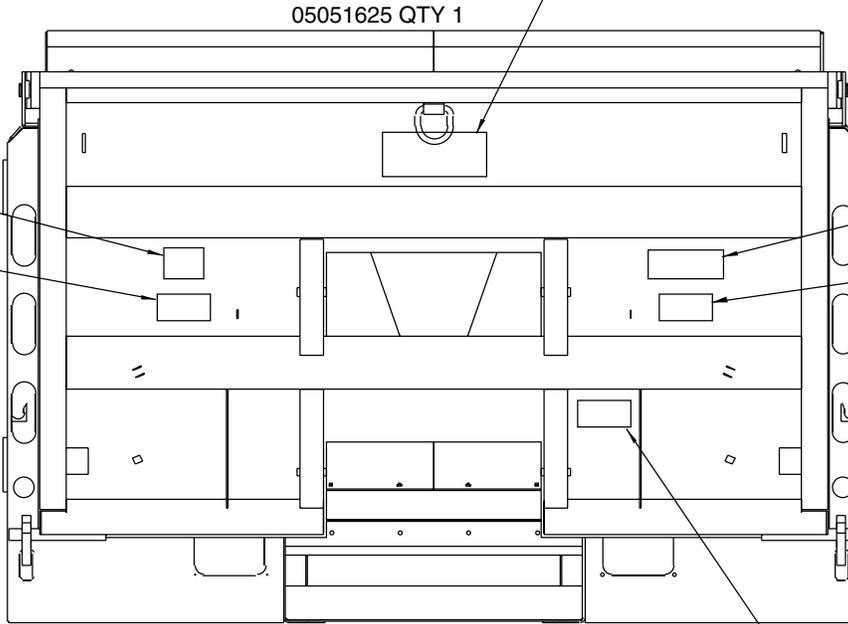
05051409 QTY 1

WARNING

Flying debris. Stay clear and wear eye protection. Failure to heed will result in serious injury.

IF DEFICED - ORDER PART NO. 05051407

05051407 QTY 3



REAR

CAUTION

Keep hands and feet away from conveyor.

IF DEFICED - ORDER PART NO. 05051408

05051408 QTY 3

CAUTION

Keep hands and feet away from conveyor.

IF DEFICED - ORDER PART NO. 05051408

05051408 QTY 3

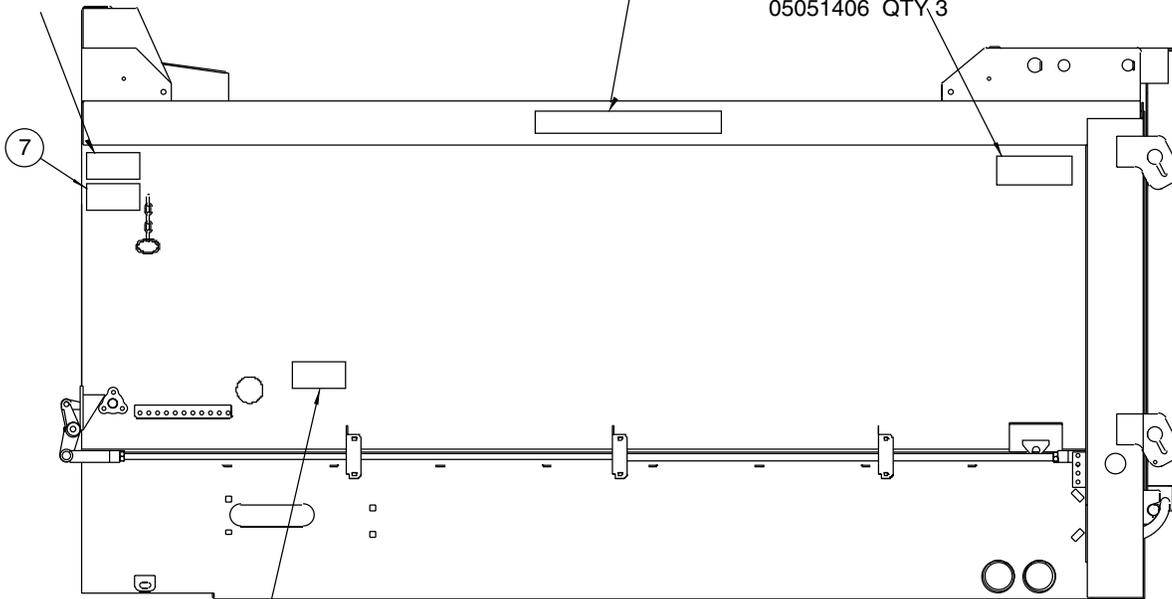
DANGER

Moving Conveyor/Bauger!

- Disconnect and lockout power before servicing, adjusting or cleaning.
- Keep hands, feet, hair and loose clothing away from moving parts at all times.
- Never remove or modify guards or devices.
- Failure to heed will result in serious injury or death.

05051406 QTY,3

MONROE RDS
05051517 QTY 2



DRIVER SIDE

WARNING

Flying debris. Stay clear and wear eye protection. Failure to heed will result in serious injury.

IF DEFICED - ORDER PART NO. 05051407

05051407 TY 3

DECALS NOT SHOWN ON THIS ILLUSTRATION

WARNING
Do not attach handle when air system is operational. Actuating the cylinder will result in sudden rotation of the handle. Incorrect assembly could result in serious injury.
IF DEFACED - ORDER PART NO. 05052427

05052427 QTY 1

OPERATION OF BODY PROP

1. Raise body to full height and shut off all power.
2. Raise prop to upright position.
3. Lower body slowly until body bracket contacts prop.
4. **DO NOT POWER HOIST DOWN.**

05051514 QTY 2

DANGER
• DO NOT GO UNDER RAISED BODY IT MAY DROP AND KILL YOU
• OPERATE HOIST CONTROLS ONLY FROM INSIDE TRUCK CAB

05051526 QTY 1

CAUTION
• BODY MUST BE BRACED BEFORE SERVICING HOIST OR WORKING IN AREA WITH BODY IN RAISED POSITION
• LUBRICATE HOIST GREASE FITTINGS OFTEN--AT LEAST EACH TIME TRUCK IS SERVICED
• TRUCK MUST BE LEVEL FOR DUMPING
• DO NOT OVERLOAD
IF DEFACED - ORDER PART NO. 05051523

05051523 QTY 1



QUALITY CHECK

Inspected by:

05052311

05052311 QTY 1

CAUTION
• BODY MUST BE BRACED BEFORE SERVICING HOIST OR WORKING IN AREA WITH BODY IN RAISED POSITION
• LUBRICATE HOIST GREASE FITTINGS OFTEN--AT LEAST EACH TIME TRUCK IS SERVICED
• TRUCK MUST BE LEVEL FOR DUMPING
• DO NOT OVERLOAD
IF DEFACED - ORDER PART NO. 05051524

05051524 QTY 1

DANGER
• DO NOT GO UNDER RAISED BODY IT MAY DROP AND KILL YOU
• OPERATE HOIST CONTROLS ONLY FROM INSIDE TRUCK CAB

05051525 QTY 1

CAUTION
UNLOAD BODY BEFORE USING BODY PROP.

05051513 QTY 2

DANGER
Moving conveyor auger!
Disconnect and lockout power before servicing, adjusting or cleaning.
Keep hands, feet, hair and tools clearing away.
• From moving parts at all times.
• Never remove or modify guards or shields.
Failure to heed will result in serious injury or death.

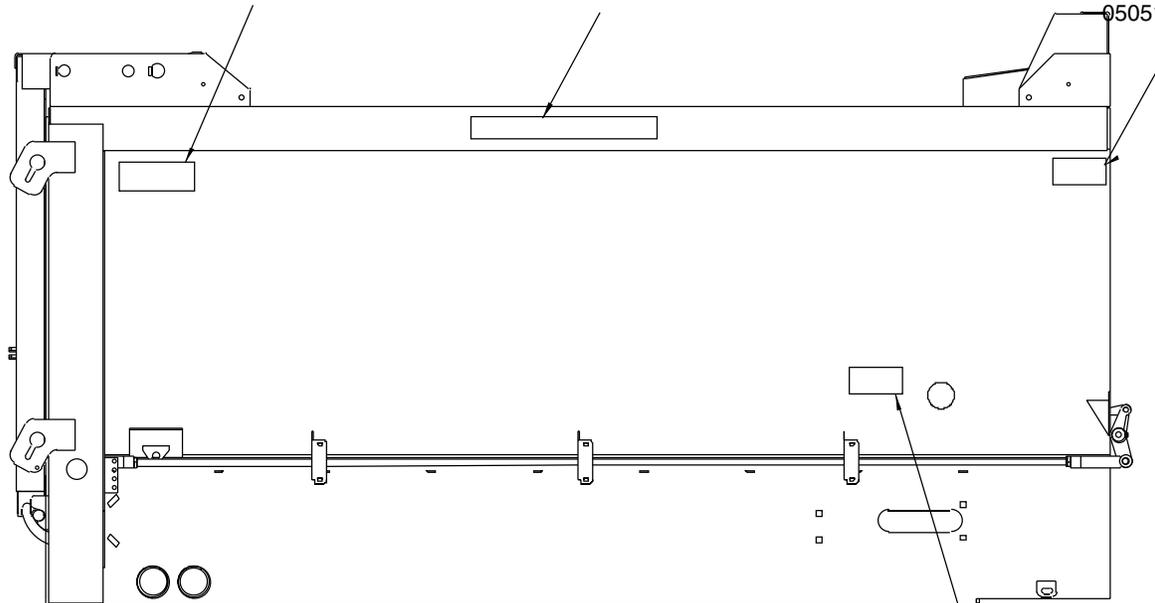
05051406 QTY 3

MONROE RDS

05051517 QTY 2

CAUTION
Keep hands and feet away from conveyor.
IF DEFACED - ORDER PART NO. 05051408

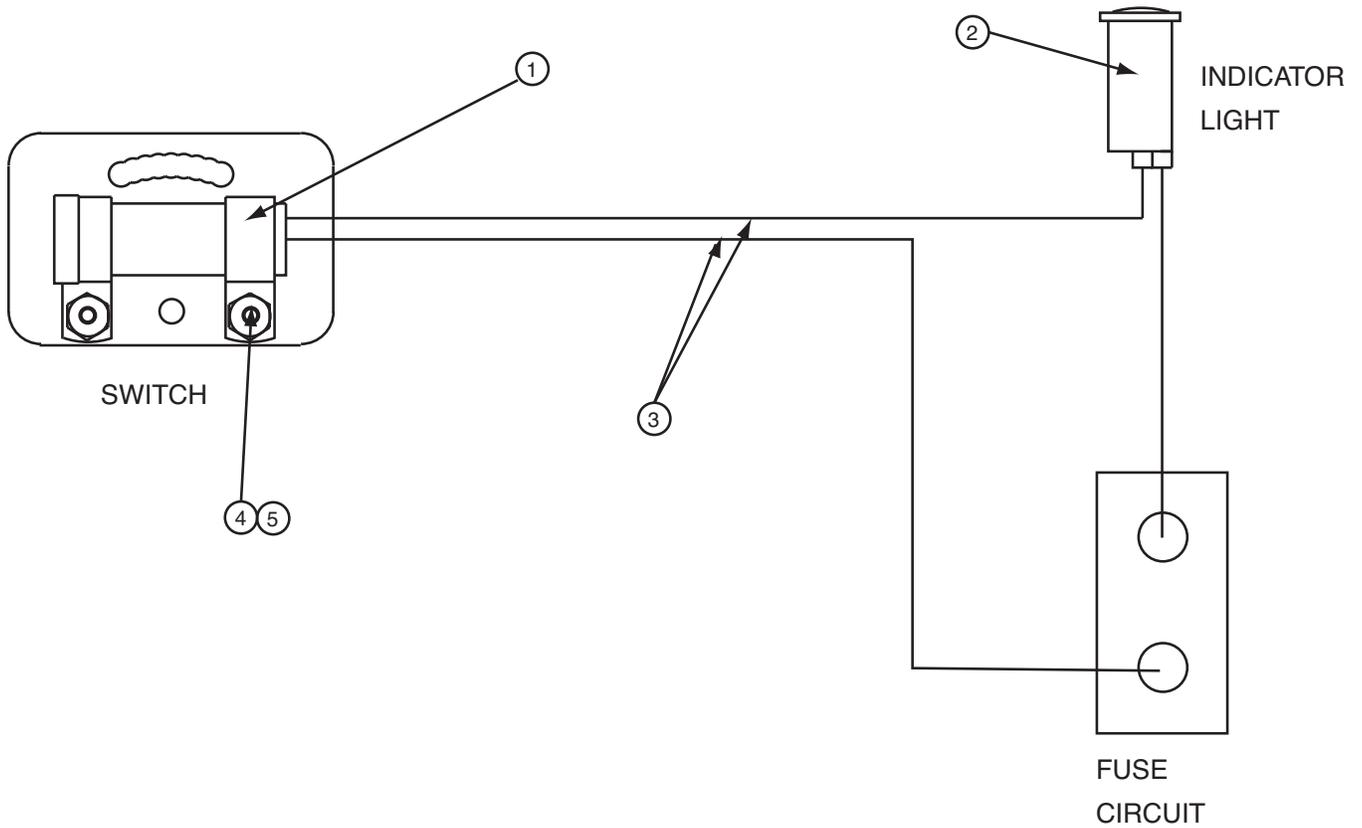
05051408 QTY 3



PASSENGER SIDE

WARNING
Flying debris. Stay clear and wear eye protection. Failure to heed will result in serious injury.
IF DEFACED - ORDER PART NO. 05051407

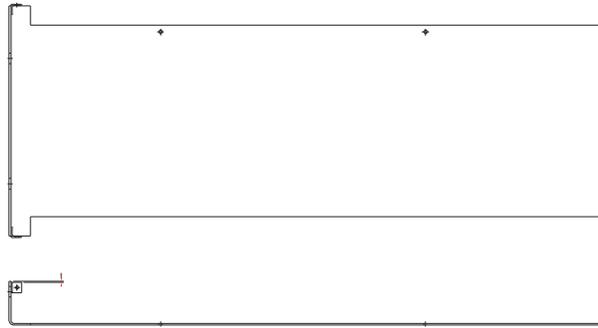
05051407 QTY 3



00086711 BODY UP SWITCH KIT

Item	Qty	Part Number	Description
1	1	05041031	Switch, Mercury
2	1	05041598	Switch, Light Red Indicator
3	35 FT	05014313	Wire, 2-Wire, 16 Gauge
4	2	05020964	Nut, #10-24, Nylon Lock, 316 SST
5	2	05016059	Screw, #10-24 x 3/4

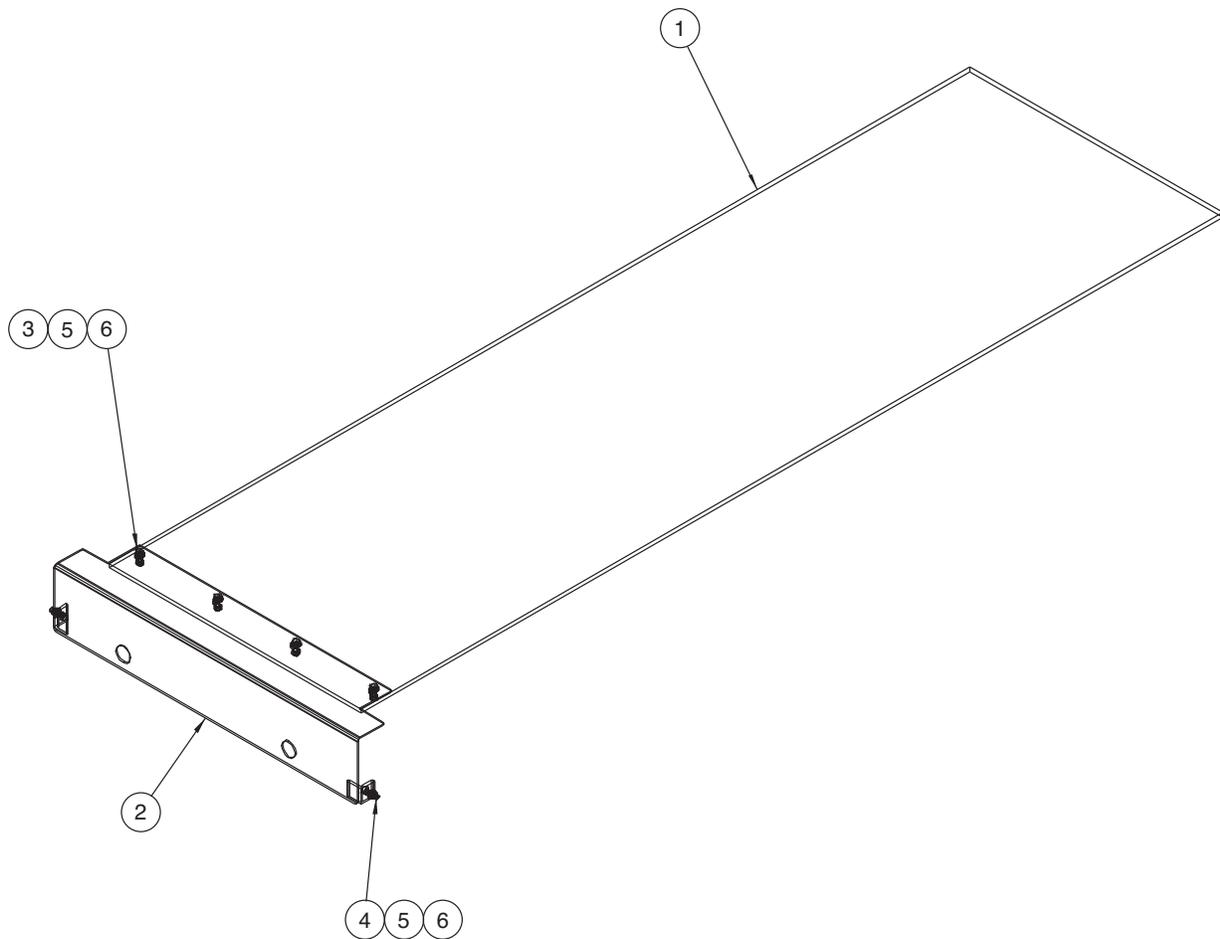
OPTIONAL FLOOR COVER KITS



FLOOR COVER KIT					
Item	Qty	Part Number	Description		
1	1	00043709-*	Cover Weldment, 9', Rear		
		00043710-*	Cover Weldment, 10', Rear		
		00043711-*	Cover Weldment, 11', Rear		
		00043712-*	Cover Weldment, 12', Rear		
		00043713-*	Cover Weldment, 13', Rear		
		00043714-*	Cover Weldment, 14', Rear		
		00043715-*	Cover Weldment, 15', Rear		
		00043716-*	Cover Weldment, 16', Rear		
		00043717-*	Cover Weldment, 17', Rear		
		00043718-*	Cover Weldment, 18', Rear		
				00040698-*	Cover Weldment, 9', Rear/Front
				00043700-*	Cover Weldment, 10', Rear/Front
				00043701-*	Cover Weldment, 11', Rear/Front
				00043702-*	Cover Weldment, 12', Rear/Front
				00043703-*	Cover Weldment, 13', Rear/Front
				00043704-*	Cover Weldment, 14', Rear/Front
				00043705-*	Cover Weldment, 15', Rear/Front
				00043706-*	Cover Weldment, 16', Rear/Front
				00043707-*	Cover Weldment, 17', Rear/Front
		00043708-*	Cover Weldment, 18', Rear/Front		
2	2	05010691	Bolt, .5-13 x 1½, G8, HHCS, Zinc		
		05016096	Bolt, .5-13 x 1½, HHCS, SST		
3	2	05020847	Nut, .5-13, GC, Top Lock, C&W		
		05020908	Nut, .5-13, Nylon Lock, SST		
4	2	05021309	Washer, .5, Flat, Zinc		
		05021391	Washer, .5, Flat, SST		

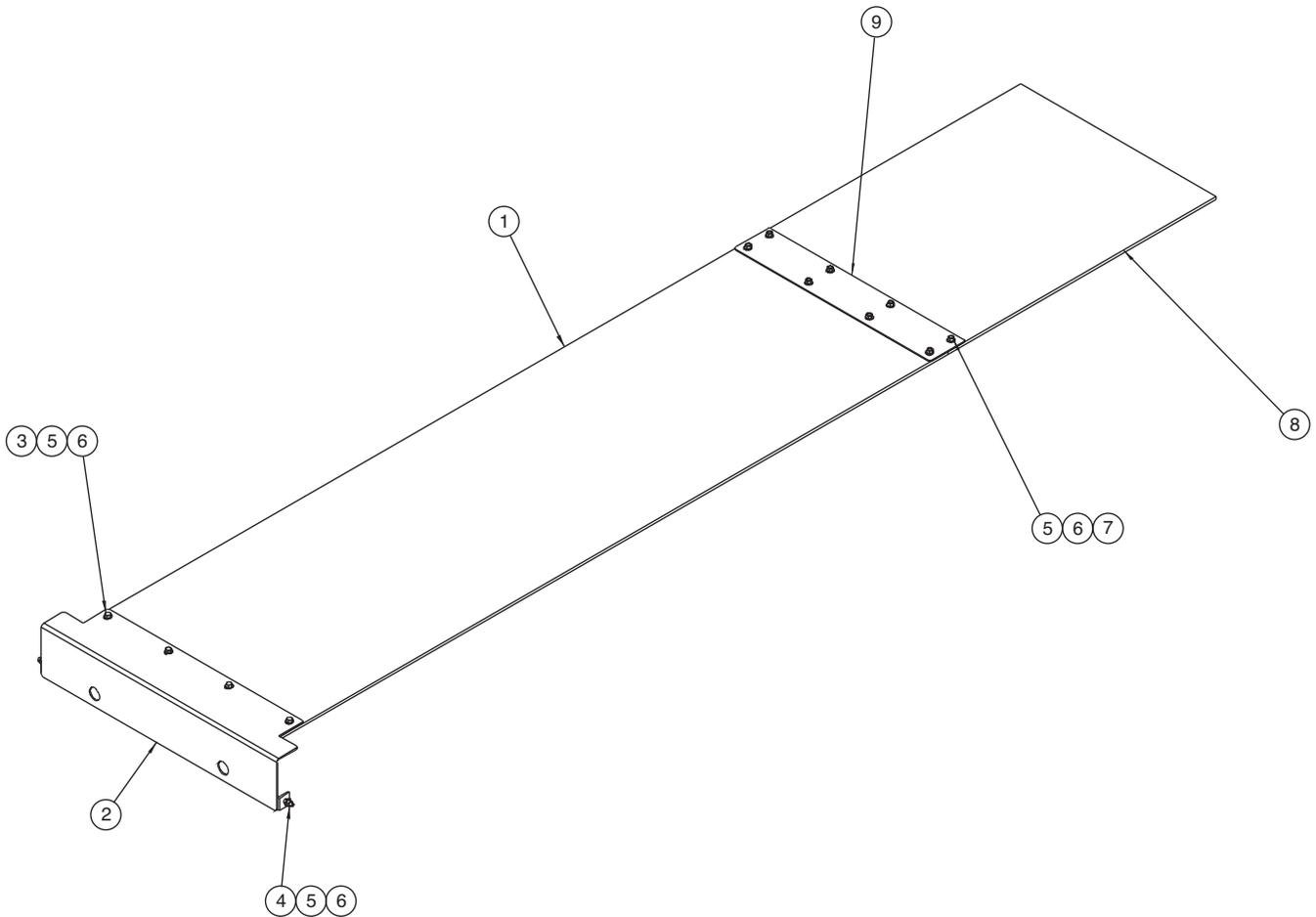
*** Please specify when ordering they type of material needed.**

- A Mildsteel**
- B 304 Stainless Steel**
- D AR400F/Domex**
- E AUSST**



FLOOR COVER KIT, 9'-14', POLY

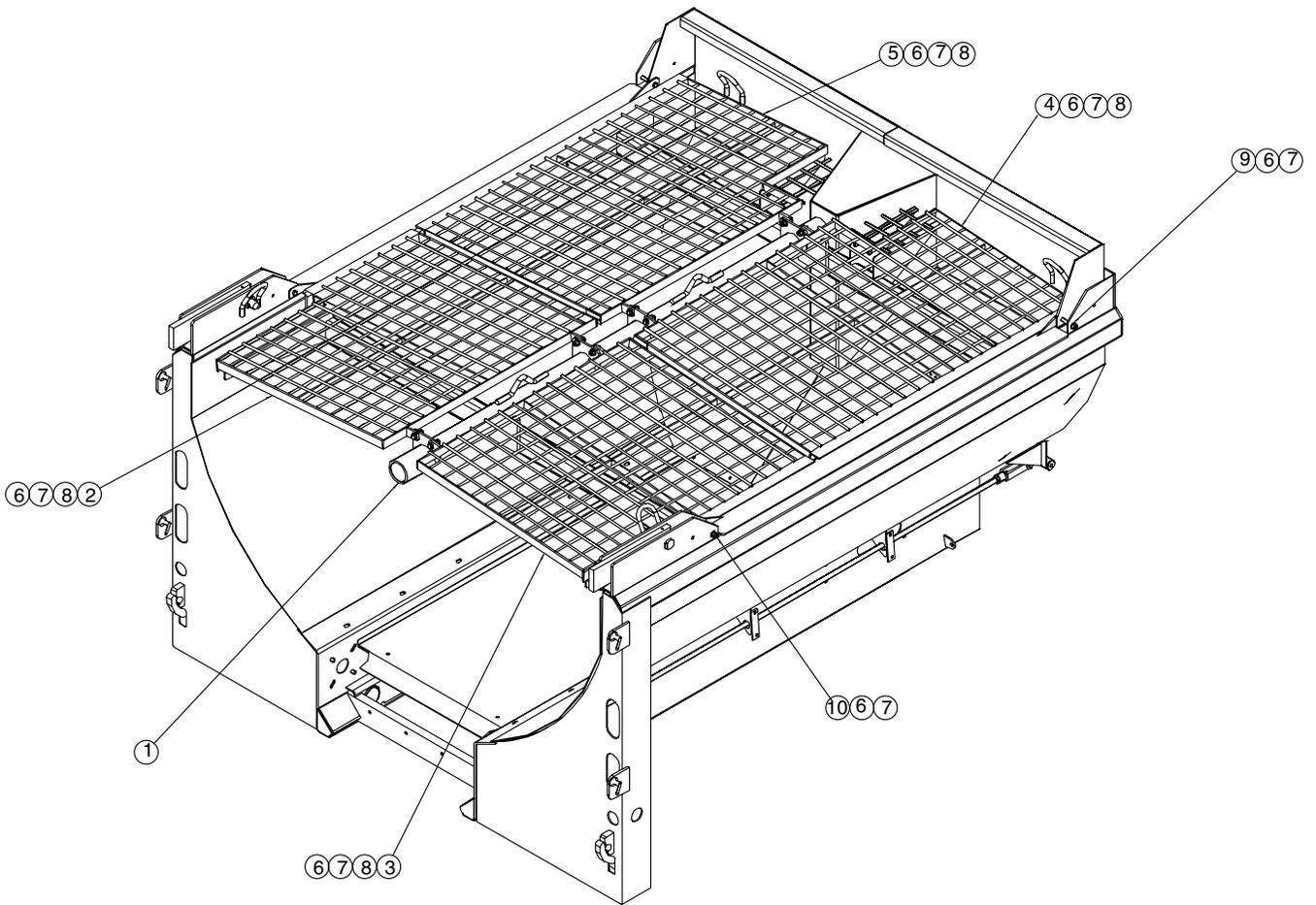
Item	Qty	Part Number	Description
1	1	00038434	Floor Cover, 9', Poly, Rear
		00038436	Floor Cover, 10', Poly, Rear
		00038437	Floor Cover, 11', Poly, Rear
		00038438	Floor Cover, 12', Poly, Rear
		00038439	Floor Cover, 13', Poly, Rear
		00038440	Floor Cover, 14', Poly, Rear
		00038445	Floor Cover, 9', Poly, Front/Rear
		00038446	Floor Cover, 10', Poly, Front/Rear
		00038447	Floor Cover, 11', Poly, Front/Rear
		00038448	Floor Cover, 12', Poly, Front/Rear
		00038449	Floor Cover, 13', Poly, Front/Rear
		00038450	Floor Cover, 14', Poly, Front/Rear
2	1	00078907	Mounting Plate Weldment, Floor Cover, Poly
3	4	05014677	Bolt, $\frac{3}{8}$ -16 x $1\frac{1}{4}$ FSHCS
4	2	05010691	Bolt, .5-13x 1.5, G8, HHCS, Zinc
5	6	05020898	Nut, $\frac{3}{8}$ -16, GC, Top Lock, C&W
6	8	05021307	Washer, $\frac{3}{8}$, Flat, Zinc
7	2	05020847	Nut, .5-13, GC, Top lock, C&W
8	4	05021309	Washer, .5, Flat, Zinc



FLOOR COVER KIT, 15'-18', POLY

Item	Qty	Part Number	Description
1	1	00014466	Floor Cover, Poly
2	1	00078907	Mounting Plate Weldment
4	2	05010691	Bolt, .5-13x 1.5, G8, HHCS, Zinc
5	12	05020898	Nut, 3/8-16, GC, Top Lock, C&W
6	12	05021307	Washer, 3/8, Flat, Zinc
7	1	00038441	Floor Cover, 15', Poly, Rear
		00038442	Floor Cover, 16', Poly, Rear
		00038443	Floor Cover, 17', Poly, Rear
		00038444	Floor Cover, 18', Poly, Rear
		00038451	Floor Cover, 15', Poly, Front/Rear
		00038452	Floor Cover, 16', Poly, Front/Rear
		00038453	Floor Cover, 17', Poly, Front/Rear
		00038454	Floor Cover, 18', Poly, Front/Rear
8	1	00014467	Brace Plate, Poly, Floor Cover
9	2	05020847	Nut, .5-13, GC, Top Lock, C&W
10	4	05021309	Washer, .5, Flat, Zinc

OPTIONAL: TOP GRATE KIT



00073246 TOP GRATE KIT,RDS,108,MS

Item	Qty.	Part Number	Description
1	1	00073238	TOP BEAM WLDMT,RDS,9'
2	1	00073223	TOP GRATE WLDMT,RDS,48x96x3,LH,REAR
3	1	00073222	TOP GRATE WLDMT,RDS,48x96x3,RH,REAR
4	1	00052101	TOP GRATE WLDMT,RDS,60,56.563x39.75
5	1	00052102	TOP GRATE WLDMT,RDS,60,56.563x39.75
6	12	05020847	NUT .500-13 GC TOPLOCK C&W
7	24	05021309	WASHER .500 FLAT ZC
8	12	05010692	BOLT .500-13 x 1.75 G8 HHCS ZC

00031856 TOP GRATE KIT,RDS,120

Item	Qty.	Part Number	Description
1	1	00070241	TOP BEAM WLDMT,RDS,10'
2	1	00073225	TOP GRATE WLDMT,RDS,60x96x3
3	1	00073224	TOP GRATE WLDMT,RDS,60x96x3
4	1	00052101	TOP GRATE WLDMT,RDS,60
5	1	00052102	TOP GRATE WLDMT,RDS,60
6	12	05020847	NUT .500-13 GC TOPLOCK C&W
7	24	05021309	WASHER .500 FLAT ZC
8	12	05010692	BOLT .500-13 x 1.750 G8 HHCS ZC

00073247 TOP GRATE KIT,RDS,132,MS

Item	Qty.	Part Number	Description
1	1	00073239	TOP BEAM WLDMT,RDS,11'
2	1	00052120	TOP GRATE WLDMT,RDS,48
3	1	00052121	TOP GRATE WLDMT,RDS,48
4	2	00052109	TOP GRATE WLDMT,RDS,48
5	1	00073248	TOP GRATE WLDMT,RDS,36x96x3,RH,REAR
6	1	00073249	TOP GRATE WLDMT,RDS,36x96x3,LH,REAR
7	16	05020847	NUT .500-13 GC TOPLOCK C&W
8	32	05021309	WASHER .500 FLAT ZC
9	16	05010692	BOLT .500-13 x 1.750 G8 HHCS ZC

00073250 TOP GRATE KIT,RDS,144

Item	Qty.	Part Number	Description
1	1	00073240	TOP BEAM WLDMT,RDS,12'
2	1	00052120	TOP GRATE WLDMT,RDS,48,45.563x39.75
3	1	00052121	TOP GRATE WLDMT,RDS,48,45.563x39.75
4	2	00052109	TOP GRATE WLDMT,RDS,48,45.563x39.75
5	1	00073222	TOP GRATE WLDMT,RDS,48x96x3,RH,REAR
6	1	00073223	TOP GRATE WLDMT,RDS,48x96x3,LH,REAR
7	16	05020847	NUT .500-13 GC TOPLOCK C&W
8	32	05021309	WASHER .500 FLAT ZC
9	16	05010692	BOLT .500-13 x 1.750 G8 HHCS ZC

00016283 TOP GRATE KIT,RDS,156

Item	Qty.	Part Number	Description
1	1	00072041	TOP BEAM WLDMT,RDS,156
2	1	00052101	TOP GRATE WLDMT,RDS,60,56.563x39.75
3	1	00052102	TOP GRATE WLDMT,RDS,60,56.563x39.75
4	2	00052109	TOP GRATE WLDMT,RDS,48,45.563x39.75
5	1	00073222	TOP GRATE WLDMT,RDS,48x96x3,RH,REAR
6	1	00073223	TOP GRATE WLDMT,RDS,48x96x3,LH,REAR
7	16	05020847	NUT .500-13 GC TOPLOCK C&W
8	32	05021309	WASHER .500 FLAT ZC
9	16	05010692	BOLT .500-13 x 1.750 G8 HHCS ZC

00073252 TOP GRATE KIT,RDS,168

Item	Qty.	Part Number	Description
1	1	00073241	TOP BEAM WLDMT,RDS,14'
2	1	00052101	TOP GRATE WLDMT,RDS,60
3	1	00052102	TOP GRATE WLDMT,RDS,60
4	2	00052103	TOP GRATE WLDMT,RDS,60
5	1	00073222	TOP GRATE WLDMT,RDS,48
6	1	00073223	TOP GRATE WLDMT,RDS,48
7	16	05020847	NUT .500-13 GC TOPLOCK
8	32	05021309	WASHER .500 FLAT ZC
9	16	05010692	BOLT .500-13 x 1.750 G8 HHCS ZC

00073253 TOP GRATE KIT.RDS.180,MS

Item	Qty.	Part Number	Description
1	1	00073242	TOP BEAM WLDMT,RDS,15'
2	1	00052101	TOP GRATE WLDMT,RDS,60
3	1	00052102	TOP GRATE WLDMT,RDS,60
4	2	00052103	TOP GRATE WLDMT,RDS,60
5	1	00073224	TOP GRATE WLDMT,RDS,60,RH,RR
6	1	00073225	TOP GRATE WLDMT,RDS,60,LH,RR
7	16	05020847	NUT .500-13 GC TOPLOCK C&W
8	32	05021309	WASHER .500 FLAT ZC
9	16	05010692	BOLT .500-13 x 1.750 G8 HHCS ZC

00073254 TOP GRATE KIT,RDS,192

Item	Qty.	Part Number	Description
1	1	00073243	TOP BEAM WLDMT,RDS,16'
2	1	00052121	TOP GRATE WLDMT,RDS,48
3	1	00052120	TOP GRATE WLDMT,RDS,48
4	4	00052109	TOP GRATE WLDMT,RDS,48
5	1	00073222	TOP GRATE WLDMT,RDS,48,RH,RR
6	1	00073223	TOP GRATE WLDMT,RDS,48,LH,RR
7	20	05020847	NUT .500-13 GC TOPLOCK C&W
8	40	05021309	WASHER .500 FLAT ZC
9	20	05010692	BOLT .500-13 x 1.750 G8 HHCS ZC

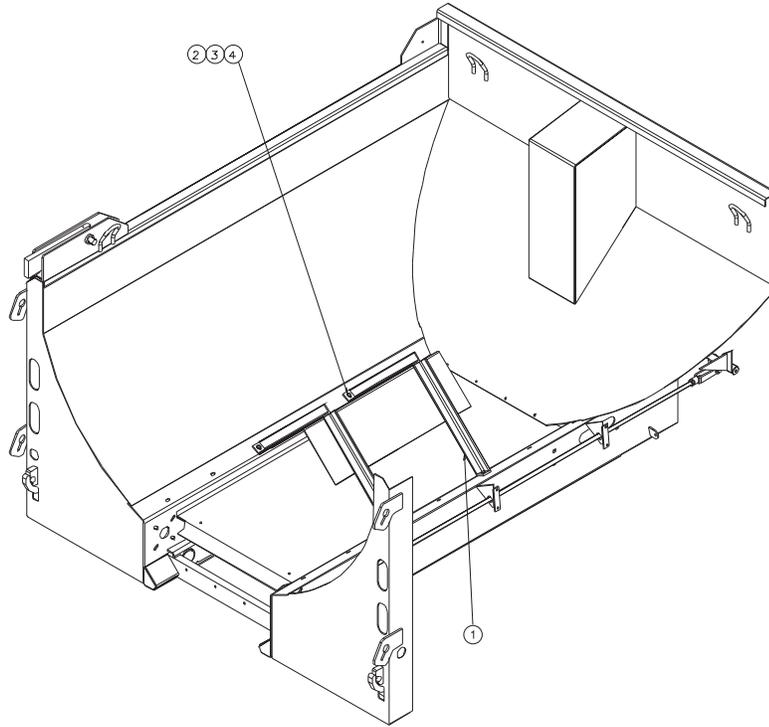
00073255 TOP GRATE KIT,RDS,204

Item	Qty.	Part Number	Description
1	1	00073244	TOP BEAM WLDMT,RDS,17'
2	1	00052101	TOP GRATE WLDMT,RDS,60
3	1	00052102	TOP GRATE WLDMT,RDS,60
4	4	00052109	TOP GRATE WLDMT,RDS,48
5	1	00073222	TOP GRATE WLDMT,RDS,48,RH,RR
6	1	00073223	TOP GRATE WLDMT,RDS,48,LH,RR
7	20	05020847	NUT .500-13 GC TOPLOCK C&W
8	40	05021309	WASHER .500 FLAT ZC
9	20	05010692	BOLT .500-13 x 1.750 G8 HHCS ZC

00073256 TOP GRATE KIT,RDS,216

Item	Qty.	Part Number	Description
1	1	00073245	TOP BEAM WLDMT,RDS,18'
2	1	00052101	TOP GRATE WLDMT,RDS,60
3	1	00052102	TOP GRATE WLDMT,RDS,60
4	2	00052103	TOP GRATE WLDMT,RDS,60
5	2	00052109	TOP GRATE WLDMT,RDS,48
6	1	00073222	TOP GRATE WLDMT,RDS,48,RH,RR
7	1	00073223	TOP GRATE WLDMT,RDS,48,LH,RR
8	20	05020847	NUT .500-13 GC TOPLOCK C&W
9	40	05021309	WASHER .500 FLAT ZC
10	20	05010692	BOLT .500-13 x 1.750 G8 HHCS ZC

OPTIONAL: INVERTED V KIT



00045580 INVERTED V KIT, 9'

Item	Qty	Part Number	Description
1	1	00045578-A	Inverted V Weldment, 3', MS
		00045578-B	Inverted V Weldment, 3', 304 SST
		00045578-C	Inverted V Weldment, 3', 409 SST
2	4	05013987	Bolt, $\frac{3}{8}$ -16 x 1 $\frac{1}{4}$, Carriage
		05016746	Bolt, $\frac{3}{8}$ -16 x 1 $\frac{1}{4}$, Carriage, SST
3	4	05020898	Nut, $\frac{3}{8}$ -16, GC, Top Lock, C&W
		05020891	Nut, $\frac{3}{8}$ -16, Nylon Lock, 316 SST
4	8	05021307	Washer, $\frac{3}{8}$, Flat, Zinc
		05021390	Washer, $\frac{3}{8}$, Flat, SST

00045581 INVERTED V KIT, 10'

Item	Qty	Part Number	Description
1	1	00045575-A	Inverted V Weldment, 4', MS
		00045575-B	Inverted V Weldment, 4', 304 SST
		00045575-C	Inverted V Weldment, 4', 409 SST
2	4	05013987	Bolt, $\frac{3}{8}$ -16 x 1 $\frac{1}{4}$, Carriage
		05016746	Bolt, $\frac{3}{8}$ -16 x 1 $\frac{1}{4}$, Carriage, SST
3	4	05020898	Nut, $\frac{3}{8}$ -16, GC, Top Lock, C&W
		05020891	Nut, $\frac{3}{8}$ -16, Nylon Lock, 316 SST
4	8	05021307	Washer, $\frac{3}{8}$, Flat, Zinc
		05021390	Washer, $\frac{3}{8}$, Flat, SST

00045582 INVERTED V KIT, 11'			
Item	Qty	Part Number	Description
1	1	00045579-A	Inverted V Weldment, 5', MS
		00045579-B	Inverted V Weldment, 5', 304 SST
		00045579-C	Inverted V Weldment, 5', 409 SST
2	6	05013987	Bolt, 3/8-16 x 1 1/4, Carriage
		05016746	Bolt, 3/8-16 x 1 1/4, Carriage, SST
3	6	05020898	Nut, 3/8-16, GC, Top Lock, C&W
		05020891	Nut, 3/8-16, Nylon Lock, 316 SST
4	12	05021307	Washer, 3/8, Flat, Zinc
		05021390	Washer, 3/8, Flat, SST

00045583 INVERTED V KIT, 12'			
Item	Qty	Part Number	Description
1	2	00045578-A	Inverted V Weldment, 3', MS
		00045578-B	Inverted V Weldment, 3', 304 SST
		00045578-C	Inverted V Weldment, 3', 409 SST
2	8	05013987	Bolt, 3/8-16 x 1 1/4, Carriage
		05016746	Bolt, 3/8-16 x 1 1/4, Carriage, SST
3	8	05020898	Nut, 3/8-16, GC, Top Lock, C&W
		05020891	Nut, 3/8-16, Nylon Lock, 316 SST
4	16	05021307	Washer, 3/8, Flat, Zinc
		05021390	Washer, 3/8, Flat, SST

00045584 INVERTED V KIT, 13'			
Item	Qty	Part Number	Description
1	1	00045575-A	Inverted V Weldment, 4', MS
		00045575-B	Inverted V Weldment, 4', 304 SST
		00045575-C	Inverted V Weldment, 4', 409 SST
2	1	00045578-A	Inverted V Weldment, 3', MS
	1	00045578-B	Inverted V Weldment, 3', 304 SST
	1	00045578-C	Inverted V Weldment, 3', 409 SST
3	8	05013987	Bolt, 3/8-16 x 1 1/4, Carriage
	8	05016746	Bolt, 3/8-16 x 1 1/4, Carriage, SST
4	8	05020898	Nut, 3/8-16, GC, Top Lock, C&W
	8	05020891	Nut, 3/8-16, Nylon Lock, 316 SST
5	16	05021307	Washer, 3/8, Flat, Zinc
	16	05021390	Washer, 3/8, Flat, SST

00012510 INVERTED V KIT, 14'

Item	Qty	Part Number	Description
1	2	00045575-A	Inverted V Weldment, 4', MS
		00045575-B	Inverted V Weldment, 4', 304 SST
		00045575-C	Inverted V Weldment, 4', 409 SST
2	8	05013987	Bolt, 3/8-16 x 1 1/4, Carriage
		05016746	Bolt, 3/8-16 x 1 1/4, Carriage, SST
3	8	05020898	Nut, 3/8-16, GC, Top Lock, C&W
		05020891	Nut, 3/8-16, Nylon Lock, 316 SST
4	16	05021307	Washer, 3/8, Flat, Zinc
		05021390	Washer, 3/8, Flat, SST

00045585 INVERTED V KIT, 15'

Item	Qty	Part Number	Description
1	1	00045575-A	Inverted V Weldment, 4', MS
		00045575-B	Inverted V Weldment, 4', 304 SST
		00045575-C	Inverted V Weldment, 4', 409 SST
		00045575-D	Inverted V Weldment, 4', AUSST
2	1	00045579-A	Inverted V Weldment, 5', MS
		00045579-B	Inverted V Weldment, 5', 304 SST
		00045579-C	Inverted V Weldment, 5', 409 SST
		00045579-D	Inverted V Weldment, 5', AUSST
3	10	05013987	Bolt, 3/8-16 x 1 1/4, Carriage
		05016746	Bolt, 3/8-16 x 1 1/4, Carriage, SST
4	10	05020898	Nut, 3/8-16, GC, Top Lock, C&W
		05020891	Nut, 3/8-16, Nylon Lock, 316 SST
5	20	05021307	Washer, 3/8, Flat, Zinc
		05021390	Washer, 3/8, Flat, SST

00045586 INVERTED V KIT, 16'

Item	Qty	Part Number	Description
1	2	00045579-A	Inverted V Weldment, 5', MS
		00045579-B	Inverted V Weldment, 5', 304 SST
		00045579-C	Inverted V Weldment, 5', 409 SST
2	12	05013987	Bolt, 3/8-16 x 1 1/4, Carriage
		05016746	Bolt, 3/8-16 x 1 1/4, Carriage, SST
3	12	05020898	Nut, 3/8-16, GC, Top Lock, C&W
		05020891	Nut, 3/8-16, Nylon Lock, 316 SST
4	24	05021307	Washer, 3/8, Flat, Zinc
		05021390	Washer, 3/8, Flat, SST

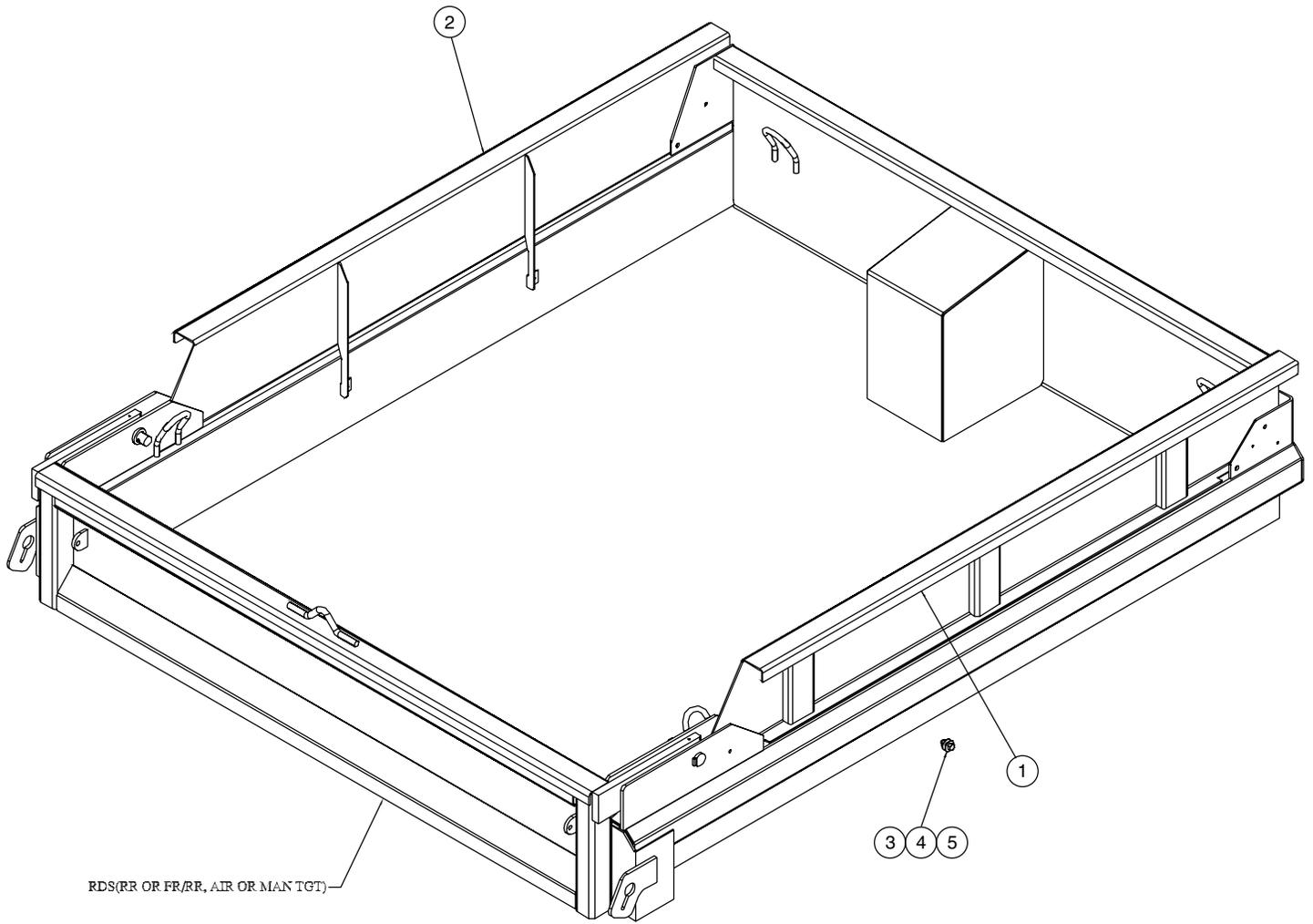
00045587 INVERTED V KIT, 17'

Item	Qty	Part Number	Description
1	1	00045579-A	Inverted V Weldment, 5', MS
		00045579-B	Inverted V Weldment, 5', 304 SST
		00045579-C	Inverted V Weldment, 5', 409 SST
2	2	00045578-A	Inverted V Weldment, 3', MS
		00045578-B	Inverted V Weldment, 3', 304 SST
		00045578-C	Inverted V Weldment, 3', 409 SST
3	14	05013987	Bolt, 3/8-16 x 1 1/4, Carriage
		05016746	Bolt, 3/8-16 x 1 1/4, Carriage, SST
4	14	05020898	Nut, 3/8-16, GC, Top Lock, C&W
		05020891	Nut, 3/8-16, Nylon Lock, 316 SST
5	28	05021307	Washer, 3/8, Flat, Zinc
		05021390	Washer, 3/8, Flat, SST

00045588 INVERTED V KIT, 18'

Item	Qty	Part Number	Description
1	1	00045575-A	Inverted V Weldment, 4', MS
		00045575-B	Inverted V Weldment, 4', 304 SST
		00045575-C	Inverted V Weldment, 4', 409 SST
2	1	00045578-A	Inverted V Weldment, 3', MS
		00045578-B	Inverted V Weldment, 3', 304 SST
		00045578-C	Inverted V Weldment, 3', 409 SST
3	1	00045579-A	Inverted V Weldment, 5', MS
		00045579-B	Inverted V Weldment, 5', 304 SST
		00045579-C	Inverted V Weldment, 5', 409 SST
4	14	05013987	Bolt, 3/8-16 x 1 1/4, Carriage
		05016746	Bolt, 3/8-16 x 1 1/4, Carriage, SST
5	14	05020898	Nut, 3/8-16, GC, Top Lock, C&W
		05020891	Nut, 3/8-16, GC, Nylon Lock, 316 SST
6	28	05021307	Washer, 3/8, Flat, Zinc
		05021390	Washer, 3/8, Flat, SST

OPTIONAL: SIDE EXTENSION KIT

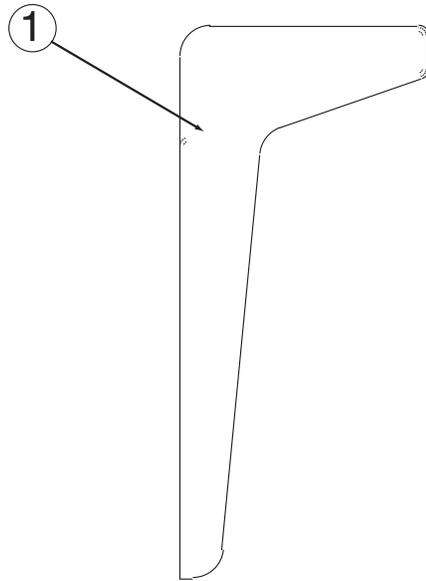


SIDE EXTENSION KIT			
Item	Qty	Part Number	Description
1	1	00048508-*	Extension Weldment, Side, 108 x 12, RH
		00048503-*	Extension Weldment, Side, 120 x 12, RH
		00048237-*	Extension Weldment, Side, 132 x 12, RH
		00048403-*	Extension Weldment, Side, 144 x 12, RH
		00048400-*	Extension Weldment, Side, 156 x 12, RH
		00045595-*	Extension Weldment, Side, 168 x 12, RH
		00048513-*	Extension Weldment, Side, 180 x 12, RH
		00048518-*	Extension Weldment, Side, 192 x 12, RH
		00048523-*	Extension Weldment, Side, 204 x 12, RH
		00048528-*	Extension Weldment, Side, 216 x 12, RH
2	1	00048507-*	Extension Weldment, Side, 108 x 12, LH
		00048502-*	Extension Weldment, Side, 120 x 12, LH
		00047498-*	Extension Weldment, Side, 132 x 12, LH
		00048404-*	Extension Weldment, Side, 144 x 12, LH
		00048401-*	Extension Weldment, Side, 156 x 12, LH
		00045596-*	Extension Weldment, Side, 168 x 12, LH
		00048512-*	Extension Weldment, Side, 180 x 12, LH
		00048517-*	Extension Weldment, Side, 192 x 12, LH
		00048522-*	Extension Weldment, Side, 204 x 12, LH
		00048527-*	Extension Weldment, Side, 216 x 12, LH
3	8	05010690	Bolt, ½-13 x 1¼, G8, HHCS, Zinc
		05016045	Bolt, ½-13 x 1¼, HHCS, SST
5	8	05020268	Nut, ½-13, G8, Hex, Zinc
		05020848	Nut, ½-13, Hex, SST
7	16	05021309	Washer, ½, Flat, Zinc
		05021391	Washer, ½, Flat, SST

* Please specify when ordering they type of material needed.

- A Mildsteel
- B 304 Stainless Steel
- C 409 Stainless Steel

OPTIONAL: CABSHIELD WELDMENTS



Item	Qty	Part Number	Description
1	1	00070205-*	Cabshield Weldment, 10-20 x 12
		00070206-*	Cabshield Weldment, 21-30 x 12
		00070217-*	Cabshield Weldment, 10-20 x 18
		00070218-*	Cabshield Weldment, 21-30 x 18
		00070229-*	Cabshield Weldment, 10-20 x 24
		00070230-*	Cabshield Weldment, 21-30 x 24

* Please specify when ordering they type of material needed.

- A Mildsteel
- B 304 Stainless Steel
- C 409 Stainless Steel
- D AUSST

OPTIONAL: FENDER KIT

00035064 FENDER KIT, CHASSIS MOUNT, SINGLE AXLE, 31" 00040699 FENDER KIT, CHASSIS MOUNT, SINGLE AXLE, 33"

Item	Qty	Part Number	Description
1	2	00034769-A	Fender, Single Axle, MS, 31"
		00034769-B	Fender Single Axle, SST, 31"
		00040661-A	Fender, Single Axle, Diamond Plate, 33"
		00040661-B	Fender, Single Axle, 304 SST, 33"
2	4	00035051	RDS Fender Brace Weldment
3	16	05010694	Bolt, ½-13 x 2¼, G8, HHCS, Zinc
		05016207	Bolt, ½-13 x 2¼, HHCS, SST
4	16	05020847	Nut, ½-13, GC, Top Lock, C&W
		05020908	Nut, ½-13, Nylon Lock, 316 SS
5	16	05021005	Washer, ½, Flat, Zinc
6	12	05010644	Bolt, .375-16 x 1.25, G8, HHCS, Zinc
		05016049	Bolt, .375-16 x 1.25, HHCS, SST
7	12	05020898	Nut, .375-16, GC, Top Lock, C&W
		05020891	Nut, .375-16, Nylock, SS
8	24	05021307	Washer, .375, Flat, Zinc
		05021418	Washer, .375, Flat, SS

00035065 FENDER KIT, CHASSIS MOUNT, TANDEM AXLE, 31"

Item	Qty	Part Number	Description
1	2	00034770-A	Fender, Tandem Axle, Diamond Plate
		00034770-B	Fender, Tandem Axle, SST
		00034770-D	Fender, Tandem Axle, MS
2	6	00035051	RDS Fender Brace Weldment
3	24	05010694	Bolt, ½-13 x 2¼, G8, HHCS, Zinc
		05016207	Bolt, ½-13 x 2¼, HHCS, SST
4	24	05020847	Nut, ½-13, GC, Top Lock, C&W
		05020908	Nut, ½-13, Nylon Lock, 316 SS
5	48	05021005	Washer, ½, Flat, Zinc
		05021391	Washer, ½, Flat, SST
6	18	05010644	Bolt, .375-16 x 1.25, G8, HHCS, Zinc
		05016049	Bolt, .375-16 x 1.25, HHCS, SST
7	18	05020898	Nut, .375-16, GC, Top Lock, C&W
		05020891	Nut, .375-16, Nylock, SS
8	36	05021307	Washer, .375, Flat, Zinc
		05021418	Washer, .375, Flat, SS

00043760 FENDER KIT, BODY MOUNT, SINGLE AXLE, 31"
00043761 FENDER KIT, BODY MOUNT, SINGLE AXLE, 33"

Item	Qty	Part Number	Description
1	2	00034769-A	Fender, Single Axle, 31", MS
		00034769-B	Fender, Single Axle, 31", 304 SST
		00034769-E	Fender, Single Axle, 31", AUSST
		00040661-A	Fender, 33" Diamond Plate, MS
		00040661-B	Fender, 33" Diamond Plate, 304 SST
2	2	00051151	Bar, MS, 1 x 1 x 3
		00107853	Bar, SST, 1 x 1 x 3

00043762 FENDER KIT, BODY MOUNT, TANDEM AXLE, 31"

Item	Qty	Part Number	Description
1	2	00034770-A	Fender, Tandem Axle, MS
		00034770-B	Fender, Tandem Axle, 304 SST
		00034770-E	Fender, Tandem Axle, AUSST
2	2	00051151	Bar, MS, 1 x 1 x 3
		00107853	Bar, SST, 1 x 1 x 3

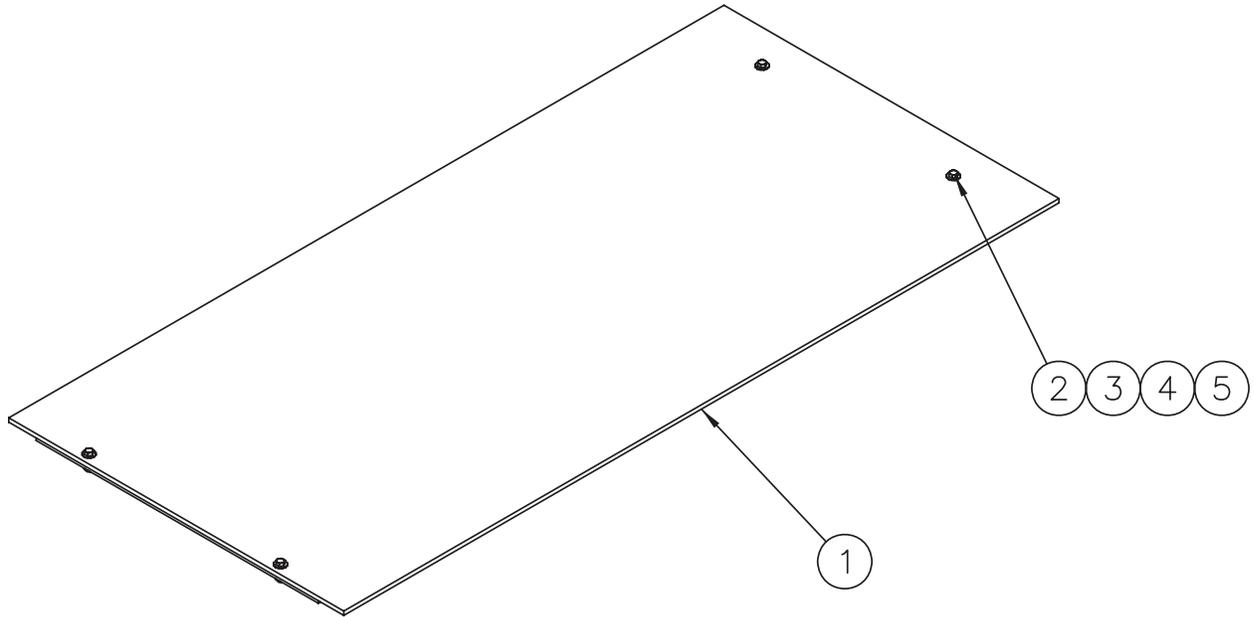
00016244 FENDER KIT, BODY MOUNT, TRI-AXLE, 31"

Item	Qty	Part Number	Description
1	2	00136103-A	Fender, Tandem Axle, MS
		00136103-B	Fender, Tandem Axle, 304 SST
2	2	00051151	Bar, MS, 1 x 1 x 3
		00107853	Bar, SST, 1 x 1 x 3

00156478 FENDER KIT, RDS, BODY MOUNT FULL LENGTH, 136"

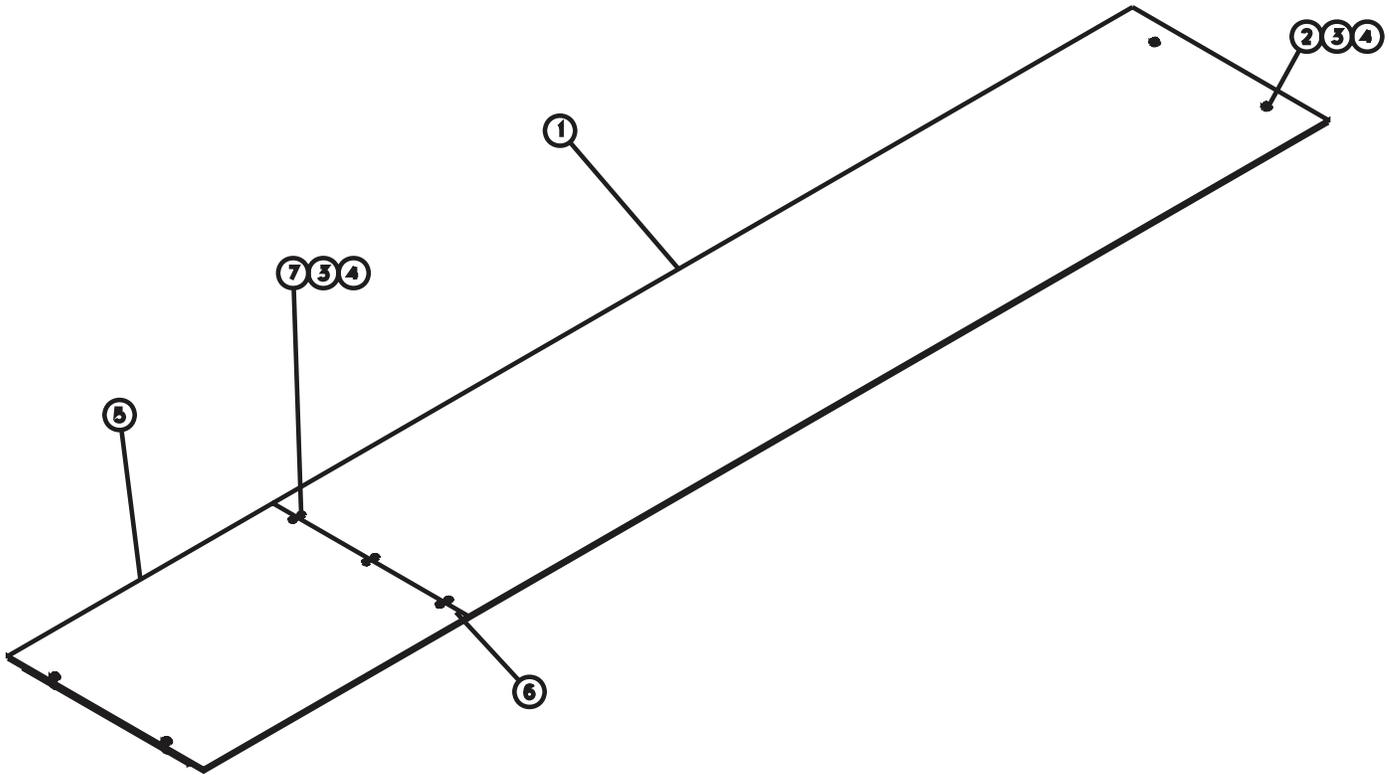
Item	Qty	Part Number	Description
1	1	00156594-A	FENDER WELDMENT, RDS, RH, 136" MS
		00156594-B	FENDER WELDMENT, RDS, RH, 136" AUSST
2	1	00156595-A	FENDER WELDMENT, RDS, LH, 136" MS
		00156595-B	FENDER WELDMENT, RDS, LH, 136" AUSST
3	2	00051151	Bar, MS, 1 x 1 x 3
		00107853	Bar, SST, 1 x 1 x 3

OPTIONAL: SUB FLOOR KIT



Item	Qty	Part Number	Description
1	1	See Chart Below	Sub-Floor
2	4	05010645	Bolt, 3/8-16 x 1 1/2, G8, HHCS, Zinc
		05016162	Bolt, 3/8-16 x 1 1/2, HHCS, SST
3	8	05021307	Washer, 3/8, Flat, Zinc
		05021390	Washer, 3/8, Flat, SST
4	4	05020898	Nut, 3/8-16, Top Lock, C&W
		05020891	Nut, 3/8-16, Nylon Lock, 316 SST
5	2	00126165-A	Spacer Bar, RDS, Sub Floor, MS
		00126165-B	Spacer Bar, RDS, Sub Floor, SST

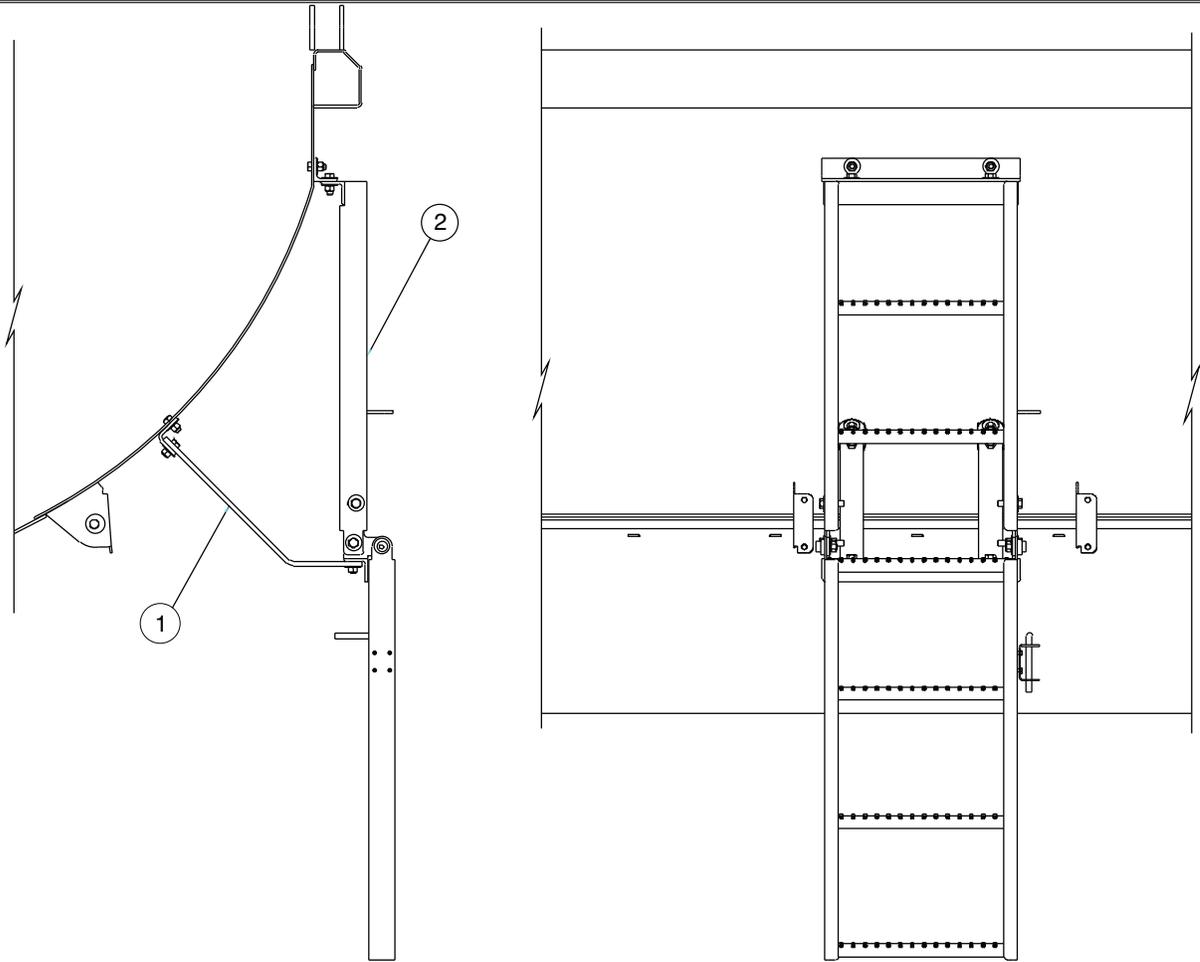
SUB FLOOR, POLY		
LENGTH	RR	FR/RR
9 FT	00126153	00058087
10 FT	00058068	00058067
11 FT	00126154	00126153
12 FT	00058070	00058068
13 FT	00126155	00126154
14 FT	00058072	00058070
15 FT	00126157 00126156	00126155
16 FT	00058073 00058074	00058072
17 FT	00126159 00126158	00126157 00126156
18 FT	00058073 00058076	00058073 00058074



SUB FLOOR KIT, RDS, POLY, RR 16'-18', FR/RR 18'

Item	Qty.	Part Number	Description
1	1	00058073	Sub Floor RDS, Poly, RR, 143.563
2	4	05010645 05016162	Bolt, 3/8-16 x 1.5, G8, HHCS, Zinc Bolt, 3/8-16 x 1.5, HHCS, SST
3	14	05021307 05021390	Washer, 3/8, Flat, Zinc Washer, 3/8, Flat, SST
4	10	05020898 05020891	Nut, 3/8-16, GC, Top Lock, C&W Nut, 3/8-16, Nylon Lock, SST
5	1	00058074 00058076	Sub Floor, RDS, Poly, RR, 21.000 Sub Floor, RDS, Poly, RR, 45.000
6	1	00092029-A 00092029-B	Splice Plate, RDS, Sub Floor, MS Splice Plate, RDS, Sub Floor, SST
7	6	05016477 05016033	Bolt, 3/8-16 x 1 1/4, FSHCS Bolt, 3/8-16 x 1 1/4, Flat Head SST
8	2	00126165-A 00126165-B	Spacer Bar, RDS, Sub Floor, MS Spacer Bar, RDS, Sub Floor, SST

OPTIONAL: LADDER ASSEMBLY

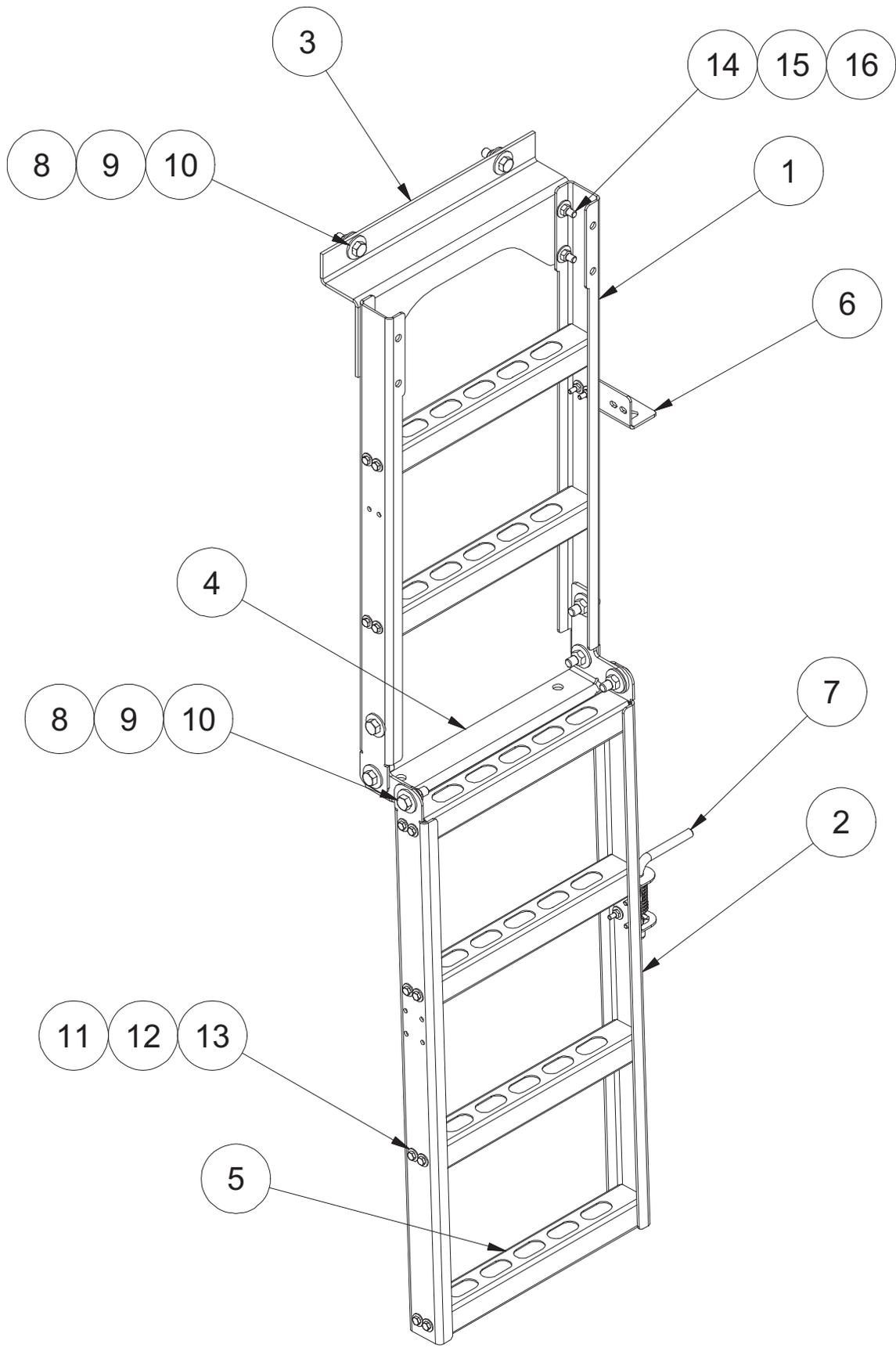


00035038 LADDER ASSEMBLY, SWING UP

Item	Qty	Part Number	Description
1	1	00045577-A	Ladder Mounting Kit, MS (On This Page)
		00045577-B	Ladder Mounting Kit, 304 SST (On This Page)
2	1	00132300-A	Swing Up Ladder Assembly, MS (See Page 86)
		00132300-B	Swing Up Ladder Assembly, 304 SST (See Page 86)

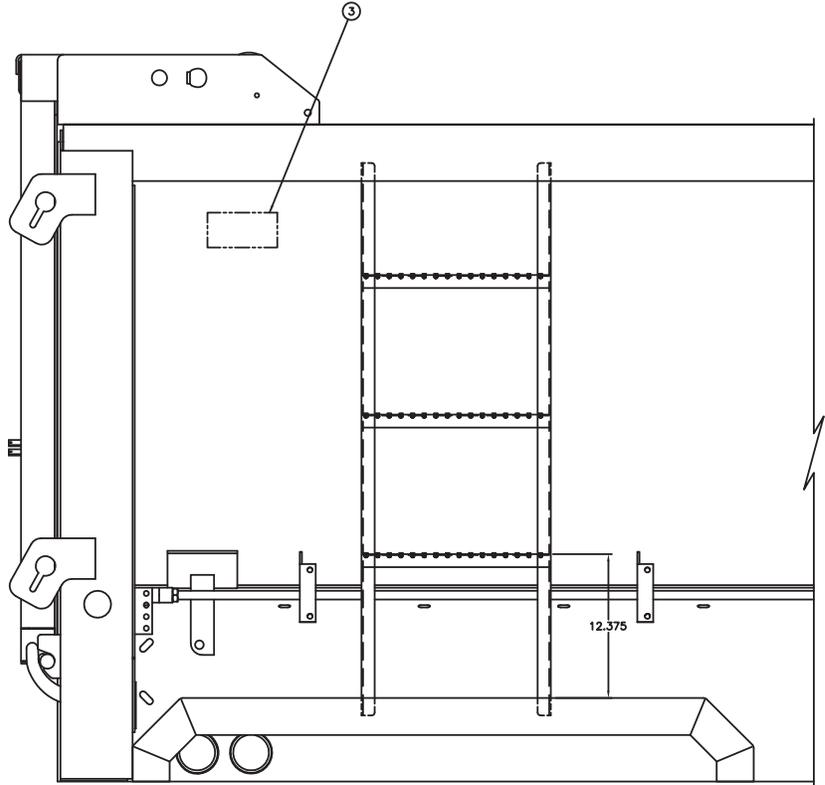
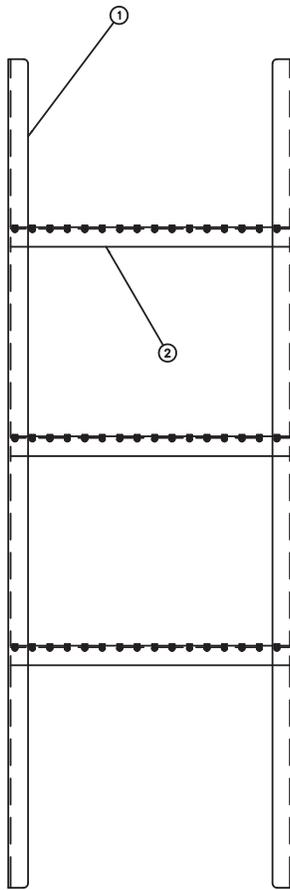
00045577 LADDER MOUNTING KIT

Item	Qty	Part Number	Description
1	2	00035037-A	Mounting Bar, MS
		00035037-B	Mounting Bar, 304 SST
2	2	00045523-A	Bracket, Mounting, MS
		00045523-B	Bracket, Mounting, SST
3	6	05010691	Bolt, ½-13 x 1½, G8, HHCS, Zinc
		05016096	Bolt, ½-13 x 1½, G8, HHCS, Zinc
4	6	05020847	Nut, ½-13, GC, Top Lock, C&W
		05020908	Nut, ½-13, GC, Top Lock, C&W
5	6	05021309	Washer, ½, Flat, Zinc
		05021391	Washer, ½, Flat, Zinc



00132300 LADDER ASSEMBLY, RDS, SWING-UP

Item	Qty.	Part Number	Description
1	2	00131694-A	RAIL,SIDE,LADDER,RDS,UPR,MS
1	2	00131694-B	RAIL,SIDE,LADDER,RDS,UPR,304
2	2	00131695-A	RAIL,SIDE,LADDER,RDS,LWR,MS
2	2	00131695-B	RAIL,SIDE,LADDER,RDS,LWR,304
3	1	00131696-A	MTG PL,LADDER,RDS,MS
3	1	00131696-B	MTG PL,LADDER,RDS,304
4	1	00131697-A	HINGE PL,LADDER,RDS,MS
4	1	00131697-B	HINGE PL,LADDER,RDS,304
5	6	00131698-A	RUNG,LADDER,RDS,MS
5	6	00131698-B	RUNG,LADDER,RDS,304
6	1	00131699-A	LATCH BRACKET,LADDER,RDS,MS
6	1	00131699-B	LATCH BRACKET,LADDER,RDS,304
7	1	05050289	LATCH,SPRING,1/2" PIN
8	8	05010691	BOLT .500-13 x 1.50 G8 HHCS ZC
8	8	05016096	BOLT .500-13 x 1.50 HHCS SST
9	8	05020847	NUT .500-13 GC TOPLOCK C&W
9	8	05020908	NUT .500-13 NYLON LOCK 316 SST
10	16	05021309	WASHER .500 FLAT ZC
10	16	05021391	WASHER .500 FLAT SST
11	30	05010593	BOLT .250-20 x 1.00 G8 HHCS ZC
11	30	05016040	BOLT .250-20 x 1.00 HHCS SST
12	30	05020899	NUT .250-20 GC TOPLOCK C&W
12	30	05020906	NUT .250-20 NYLON LOCK 316 SST
13	60	05021305	WASHER .250 FLAT ZC
13	60	05021403	WASHER .250 FLAT SST
14	4	05010644	BOLT .375-16 x 1.25 G8 HHCS ZC
14	4	05016049	BOLT .375-16 x 1.25 HHCS SST
15	4	05020891	NUT .375-16 NYLON LOCK 316 SST
15	4	05020898	NUT .375-16 GC TOPLOCK C&W
16	8	05021307	WASHER .375 FLAT ZC
16	8	05021390	WASHER .375 FLAT SST
17	2	05051409	DECAL,6"x3",CAUTION,USE CARE



00016311 LADDER WELDMENT, RDS, FENDER

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	00014460-A	LADDER CHANNEL,RDS,FENDER,MS
1	2	00014460-B	LADDER CHANNEL,RDS,FENDER,304
2	3	00088016	TREAD-GRIP,LADDER RUNG,13GA,MS
2	3	00088017	TREAD-GRIP,LADDER RUNG,16GA,304
3	2	05051409	DECAL,6"x3",CAUTION,USE CARE

OPTIONAL: CHAIN OILER KITS

00017265 CHAIN OILER KIT, 5 GALLON W/ SIGHT GAUGE

Item	Qty	Part Number	Description
1	1	05037123	Valve, ¼" NPT x 2
2	3	05037139	Nipple, Hose, Nylon Male, ¼" ID
3	12	05052475	Clamp, ⅜" ID, Cushioned Metal
4	16"	05051212	Tubing, Vinyl Plastic, ¼" ID
5	1	05051223	Nylon T, ¼" Tube ID x 3
6	1	00085094	Oil Tank Weldment, w/ Sight
7	1	05050571	Breather Cap, ¾ NPT
8	12	05016942	Screw, #10-16 x ¾, Hex, Tek
9	2	05039372	Fiting, Hose Barb, ¼" Male Thread
10	12	05020964	Nut, #10-24, Nylock, SS
11	12	05021413	Washing, #10, Flat, SS

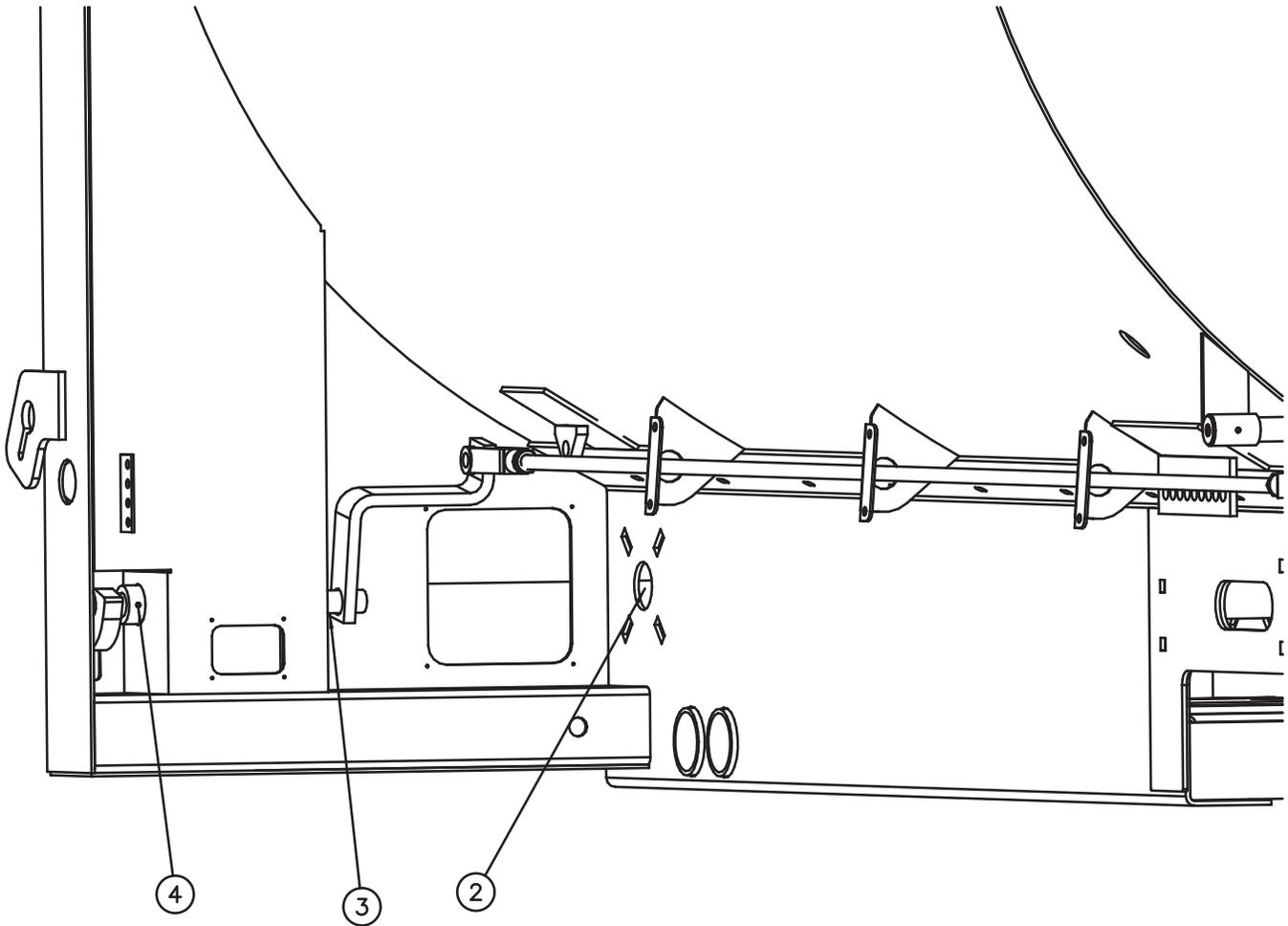
00015203 CHAIN OILER KIT, 5 GALLON ELECTRIC

Item	Qty	Part Number	Description
1	1	05037123	Valve, ¼" NPT x 2
2	3	05037139	Nipple, Hose, Nylon Male, ¼" ID
3	12	05052475	Clamp, ⅜" ID, Cushioned Metal
4	15'	05051212	Tubing, Vinyl Plastic, ¼" ID
5	1	05051223	Nylon T
6	1	00053246	Oil Tank Weldment
7	1	05050571	Breather Cap, ¾ NPT
8	12	05016059	Screw, #10-24 x ¾, PH TRS HD, SS
9	1	05043038	Valve, Shut Off, 12 VDC
10	1	05039372	Fitting, Barb, .25 x .25 MNPT
11	1	05041264	Switch, Toggle, On-Off
12	12	05020964	Nut, #10-24, Nylock, SS
13	12	05021413	Washing, #10, Flat, SS

00014212 CHAIN OILER KIT, 1.5 GAL, ELECTRIC

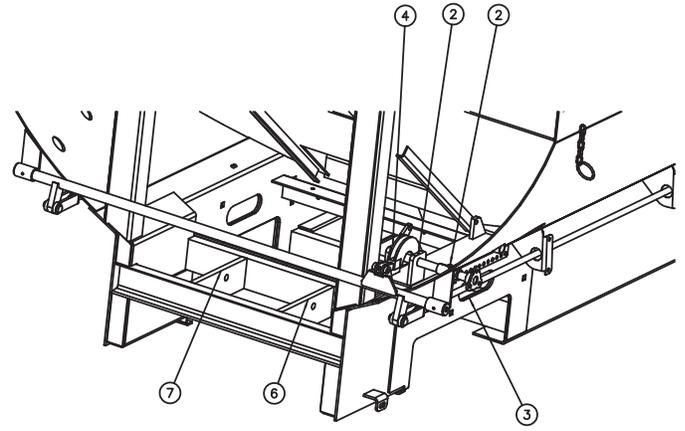
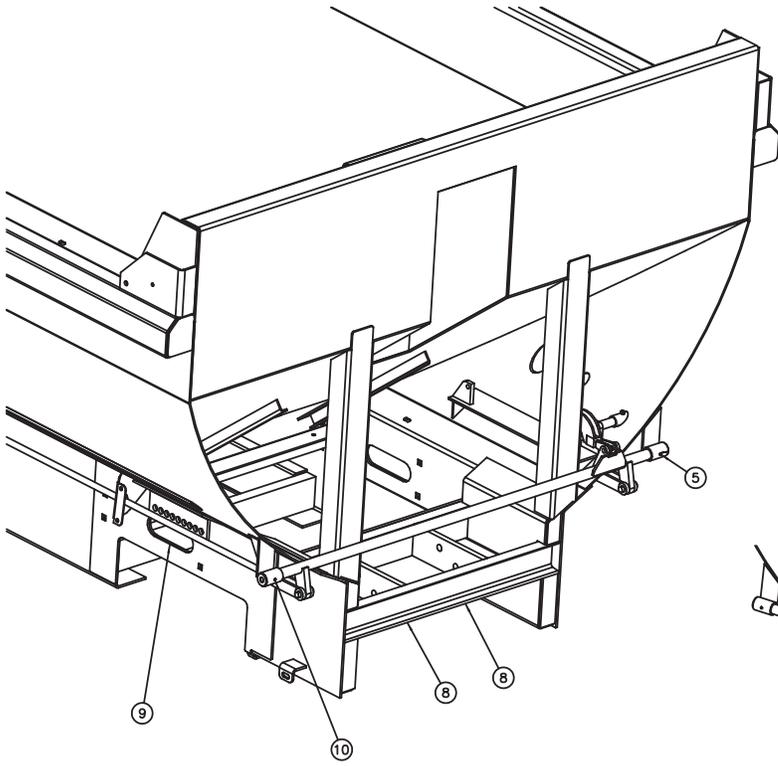
Item	Qty	Part Number	Description
1			
2	1	05037123	Valve, ¼" NPT x 2
3	2	05037139	Nipple, Hose, Nylon Male, 1¼" ID
4	6	05052475	Clamp, ⅜" ID, Cushioned Metal
5	1	05053019	Plastic Rectagular Oil Tank
6	10	05051212	Tubing, Vinyl Plastic
7	1	05051223	Nylon T
8	2	05016113	Bolt, ¼-20 x ¾, HHCS, Zinc
9	2	05021363	Washer, ¼, Lock, Zinc
10	2	05016040	Bolt, ¼-20 x ¾, HHCS, SS
11	6	05016059	Screw, #24-16 x ¾, PH TRS HD, SS
12	1	05038490	Hose Barb, 90° Poly
13	1	05043038	Valve, Shut Off, 12 VDC
14	1	05037474	Nipple, Pipe
15	1	05041264	Switch, Toggle, On-Off
16	4	05021403	Washer, .¼, Flat, SST
17	2	05020906	Nut, ¼-20, Nylon Lock, 316 SS
18	12	05020964	Nut, #10-24, Nylock, SS
19	12	05021413	Washing, #10, Flat, SS
20	1	05037977	Fitting, Bushing, Rdcr, .75 MNPT

OPTIONAL: GREASE LINE KITS



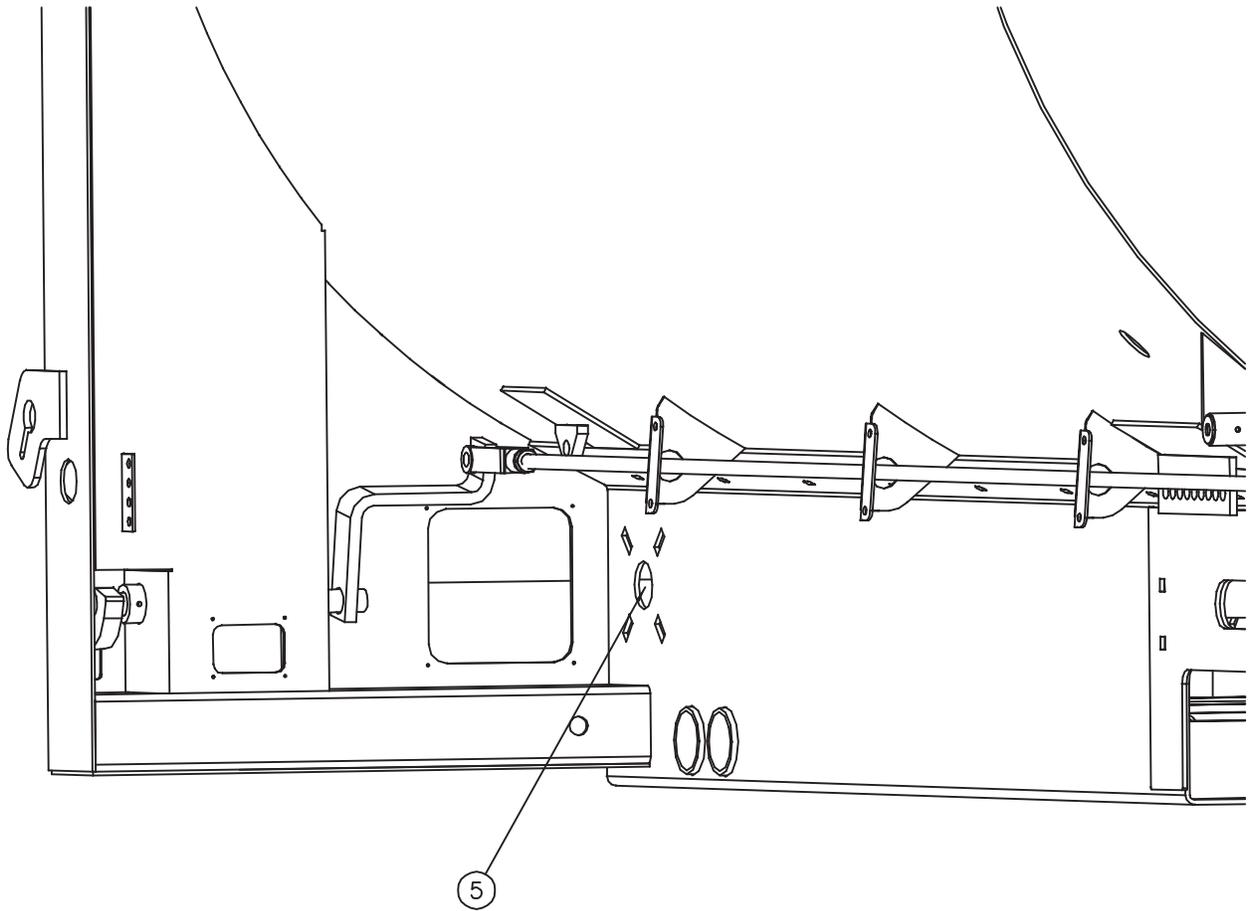
00059379 GREASE LINE KIT, REAR

Item	Qty	Part Number	Description
1	2	05051785	Decal, 1½" x 4", Grease Extension
2	2	00059368	Hose Assembly, 36, Rear Bearing
3	2	00059369	Hose Assembly, 21, Rear Inside Tube, Left
4	2	00059370	Hose Assembly, 15, Rear Outside Tube
5	2	05016942	Screw, #10-16 x ¾", 410 SST
6	6	05027660	Coupling, ⅛" NPT
7	4	05051481	Adapter, Grease Line, ¼-28 UNF
8	6	05050003	Grease Fitting, ⅛ NPT, Straight
9	2	05052475	Clamp, ⅜" ID, Cushioned Metal #6, SST
10	2	05038236	Fitting, Greaseline, .25-28 UNF



00097530 GREASE LINE KIT,FR,AIR/MAN

Item	Qty.	Part Number	Description
1	1	00058032-A	BRACKET,RDS,2 BANK GREASE LINE,MS
2	2	00086255	HOSE ASSY,24,GREASE LINE
3	1	00079811	HOSE ASSY,RDS,23,GREASE LINE
4	1	00079812	HOSE ASSY,RDS,34,GREASE LINE
5	1	00059368	HOSE ASSY,RDS,36,REAR BEARING
6	1	00079813	HOSE ASSY,RDS,66,GREASE LINE
7	1	00086231	HOSE ASSY,72,GREASE LINE
8	2	00086232	HOSE ASSY,78,GREASE LINE
9	1	00079814	HOSE ASSY,RDS,110,GREASE LINE
10	1	00079815	HOSE ASSY,RDS,95,GREASE LINE
11	2	00059377	HOSE ASSY,RDS,31,LWR MTG BLOCK
12	4	05016942	SCREW,TEK,#10-16 x .75 HX W/H TEK
13	2	05038319	ADAPTER,90DEG,BRASS,.125 MNPTx .125FNPT
14	13	05037660	COUPLING,.125 NPT,GALV
15	7	05038236	FITTING,GREASE LINE,.25-28,90DEG
16	13	05050003	GREASE FITTING,.125 NPT STR
17	2	05052475	CLAMP,.375,CUSHIONED METAL #6
18	1	05052472	CLAMP,.625,CUSHIONED METAL,#10
19	1	05050417	CLAMP,.75,CUSHIONED METAL,#12
20	2	05052473	CLAMP,1.0,CUSHIONED METAL,#16
21	1	05051784	DECAL-1.5 x 9.0 RDS GREASE EXT
22	2	05051481	FITTING,GREASE LINE,STRAIGHT
23	11"	05052287	TRIM,CHANNEL,.5625x.1875,ALUM



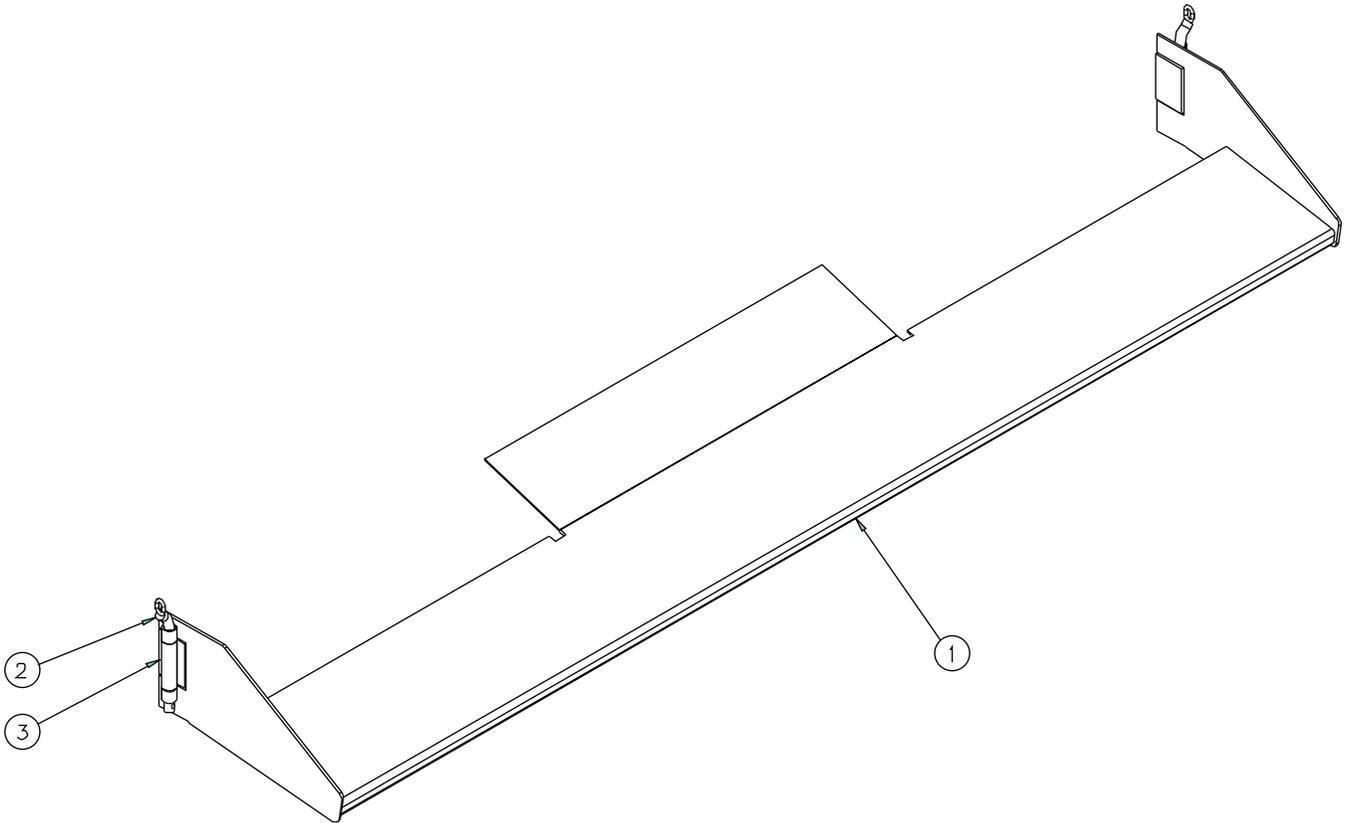
00016662 GREASE LINE KIT, REAR BEARING ONLY

Item	Qty	Part Number	Description
1	2	05051481	Adapter, Grease Line
2	2	05037660	Coupling, 1/8" NPT
4	2	05050003	Grease Zerk, 1/8" NPT
5	2	00059368	Hose Assembly, RR Bearing
6	1	05050382	Bag, Plastic, Zip Lock

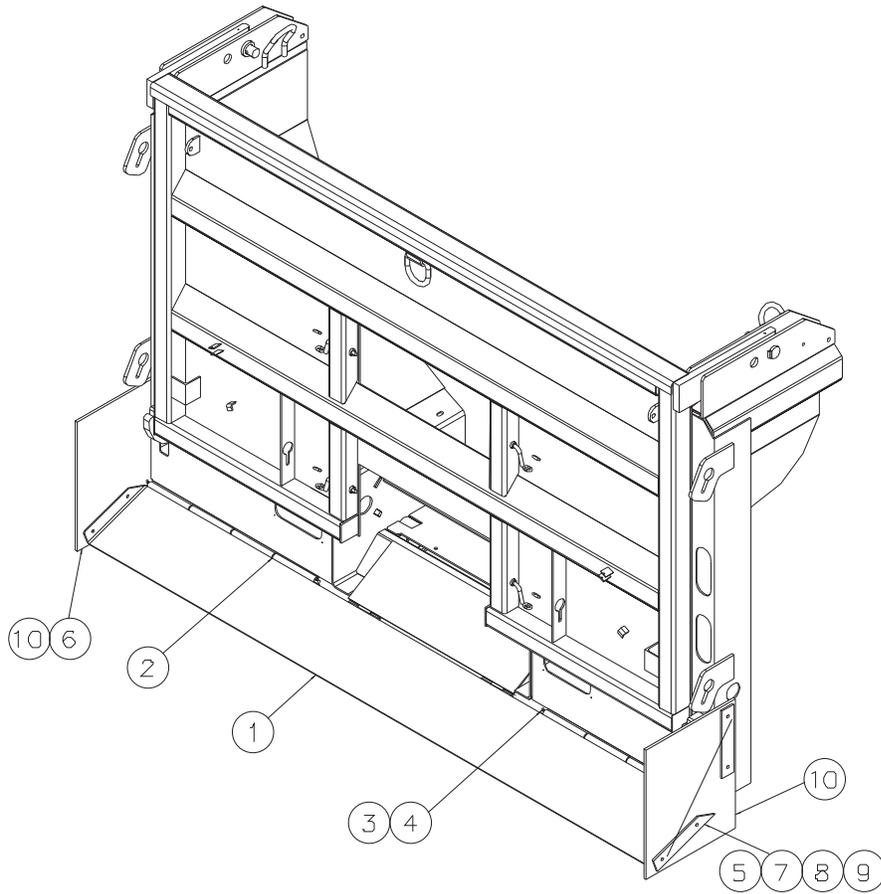


05002301 CYLINDER KIT, AIR, 3½ X 6 STROKE			
Item	Qty	Part Number	Description
1	1	05002795	Air Cylinder, Solenoid Sub Assembly
2	1	05002794	Toggle Switch
3	1	05002796	Toggle Switch Tag
4	1	05002797	Yoke End
5	1	05002798	Jam Nut
6	1	05002799	Clevis & Cotter Pin, ½"
7	1	05002800	Clevis & Cotter Pin, ½"
8	1	05002801	Bronze Cone Filter

OPTIONAL: SPILL GUARD KIT



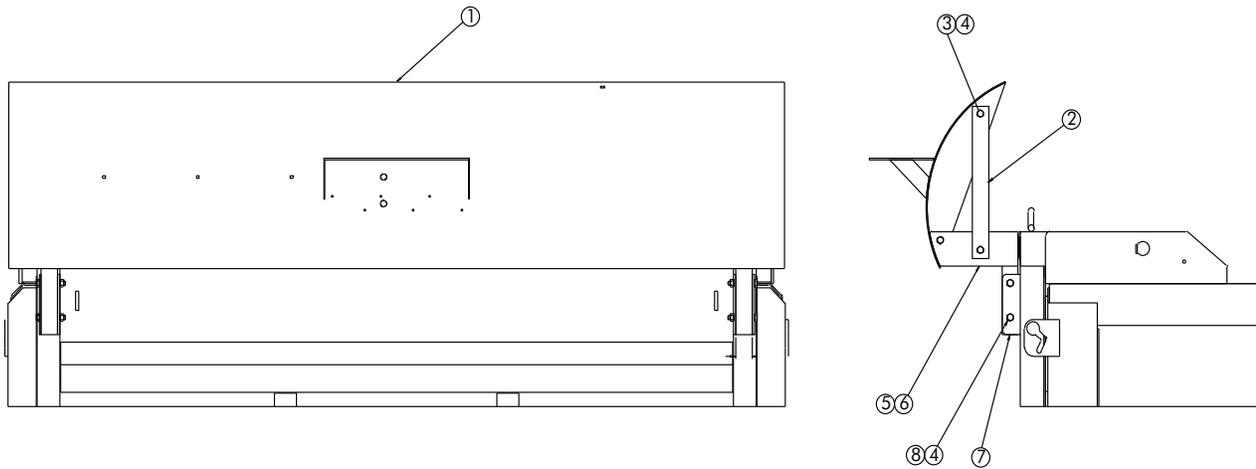
00082610 SPILL GUARD KIT			
Item	Qty	Part Number	Description
1	1	00057079-A	Spill Guard Weldment, MS
		00057079-B	Spill Guard Weldment, 304 SST
		00057079-D	Spill Guard Weldment, AUSST
2	2	00058021-A	Pin, MS
		00058021-B	Pin, SST
3	2	00057080-A	Hinge Weldment, MS
		00057080-B	Hinge Weldment, 304 SST



00091726 SPILL SHIELD KIT, HINGED

Item	Qty	Part Number	Description
1	1	00095905-A	Spill Shield Weldment, MS
		00095905-B	Spill Shield Weldment, SST
2	1	00095906-A	Bolt Plate Weldment, LH, MS
		00095906-B	Bolt Plate Weldment, LH, SST
3	2	00095903-A	Pin, CRR
		00095903-B	Pin, SST
4	4	05022100	Pin, .188 x 1½, Cotter, Zinc
5	1	00019727	Retainer Weldment, RH
6	1	00019728	Retainer Weldment, LH
7	8	05010645	Bolt, ⅜-16 x 1½, G8, HHCS, Zinc
		05016162	Bolt, ⅜-16 x 1½, HHCS, SST
8	8	05020898	Nut, ⅜-16, GC, Top Lock, C&W
		05020891	Nut, ⅜-16, Nylon Lock, SST
9	8	05021307	Washer, ⅜, Flat, Zinc
		05021390	Washer, ⅜, Flat, SST
10	2	00095907	Side Flap, Hinged
11	1	00109223-A	Bolt Plate Weldment, RH, MS
		00109223-B	Bolt Plate Weldment, RH, SST

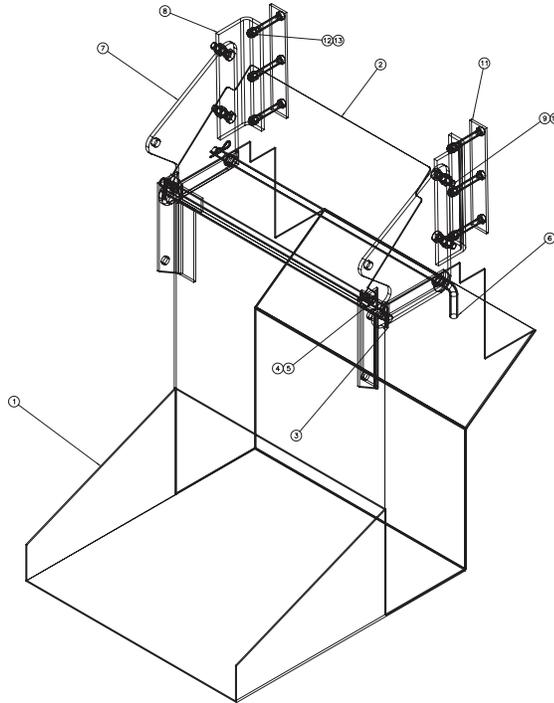
OPTIONAL: AIR SCOOP ASSEMBLY



00050358 AIR SCOOP ASSEMBLY WITH STROBE 00078983 AIR SCOOP ASSEMBLY, NO STROBE

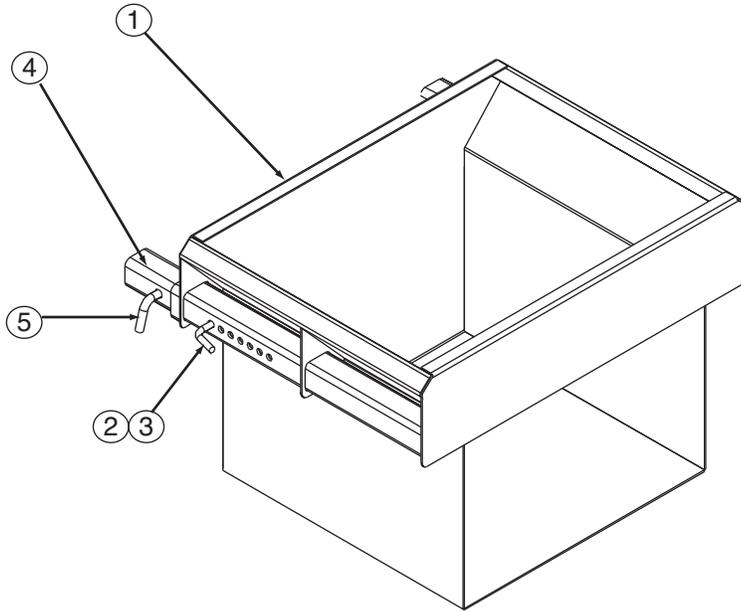
Item	Qty	Part Number	Description
1	1	00050236-A	Air Scoop Weldment, MS
		00050236-B	Air Scoop Weldment, 304 SST
		00078982-A	Air Scoop Weldment, No Strobe, MS
		00078982-B	Air Scoop Weldment, No Strobe, 304 SST
2	2	00050328-A	Rear Scoop Support Bar, MS
		00050328-B	Rear Scoop Support Bar, 304 SST
3	6	05010690	Bolt, ½-13 x 1¼, G8, HHCS, Zinc
		05016045	Bolt, ½-13 x 1¼, HHCS, SST
4	6	05020268	Nut, ½-13, G8, Hex, Zinc
		05020848	Nut, ½-13, Hex, SST
5	1	00050331-A	Rail Weldment, Side, LH, MS
		00050331-B	Rail Weldment, Side, LH, 304 SST
6	1	00046645-A	Rail Weldment, Side, RH, MS
		00046645-B	Rail Weldment, Side, RH, 304 SST
7	2	00053455-A	Support Weldment, MS
		00053455-B	Support Weldment, 304 SST
8	4	05010699	Bolt, ½-13 x 3½, G8, HHCS, Zinc
		05016209	Bolt, ½-13 x 3, HHCS, SST

OPTIONAL: PATCH PAN



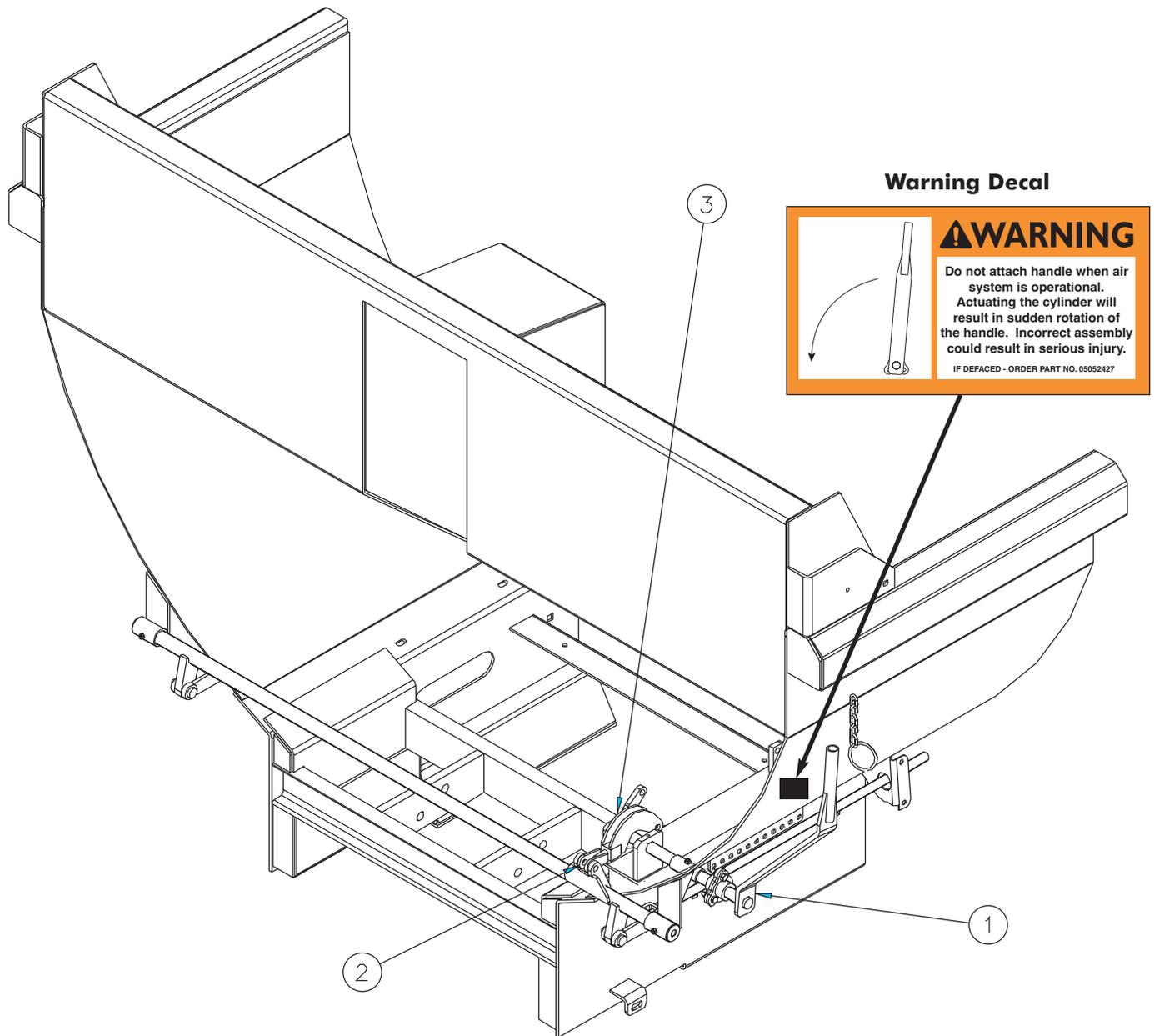
00040793 PATCH PAN

Item	Qty	Part Number	Description
1	1	00042923-A	Chute Weldment, MS
		00042923-B	Chute Weldment, SST
2	1	00040603-A	Cover, Chute Top, MS
		00040603-B	Cover, Chute Top, SST
3	3	05022035	Pin, Hair, 1/8
4	2	05010644	Bolt, 3/8-16 x 1 1/4, HHCS
		05016049	Bolt, 3/8-16 x 1 1/4, HHCS, SST
5	2	05020898	Nut, 3/8-16, Top Lock, C&W
		05020891	Nut, 3/8-16, Nylon Lock, SST
6	1	00040758-A	Latch Rod Weldment, MS
		00040758-B	Latch Rod Weldment, SST
7	2	00040601-A	Hinge Plate, MS
		00040601-B	Hinge Plate, SST
8	2	00040766-A	Bracket, MS
		00040766-B	Bracket, SST
9	4	05010739	Bolt, 5/8-11 x 2, HHCS
		05016250	Bolt, 5/8-11 x 2, HHCS, SST
10	4	05020837	Nut, 5/8-11, GC, Top Lock, C&W
		05020903	Nut, 5/8-11, Nylon Lock, SST
11	2	00118605-A	Backing Bar, Chute Mtg, MS
		00118605-B	Backing Bar, Chute, Mtg, SST
12	6	05010701	Bolt, .5-13 x 4, G8, HHCS, Zinc
		05017053	Bolt, .5-13 x 4, HHCS, SST
13	6	05020847	Nut, .5-13, Top Lock, Zinc
		05020908	Nut, .5-13 Nylon Lock, SST



00016220 PATCH PAN ASSEMBLY W/ RECEIVER TUBE			
Item	Qty	Part Number	Description
1	1	00072006-A	Chute Weldment, MS
		00072006-B	Chute Weldment, SST
2	2	00072003-A	Mounting Tube, Pintle Plate, MS
		00072003-B	Mounting Tube, Pintle Plate, SST
3	2	05022136	Pin, 1/2 x 4 1/2, 4" Grip Bent, Zinc
4	2	05050700	Tube Receiver, 2" x 2" x 6" Long, MS
5	2	05022155	Pin, 5/8 x 6, Bent, Zinc

OPTIONAL: TAILGATE LATCH SYSTEM CONVERSION KIT FOR RDS UNITS MANUFACTURED BEFORE OCTOBER 27, 2003

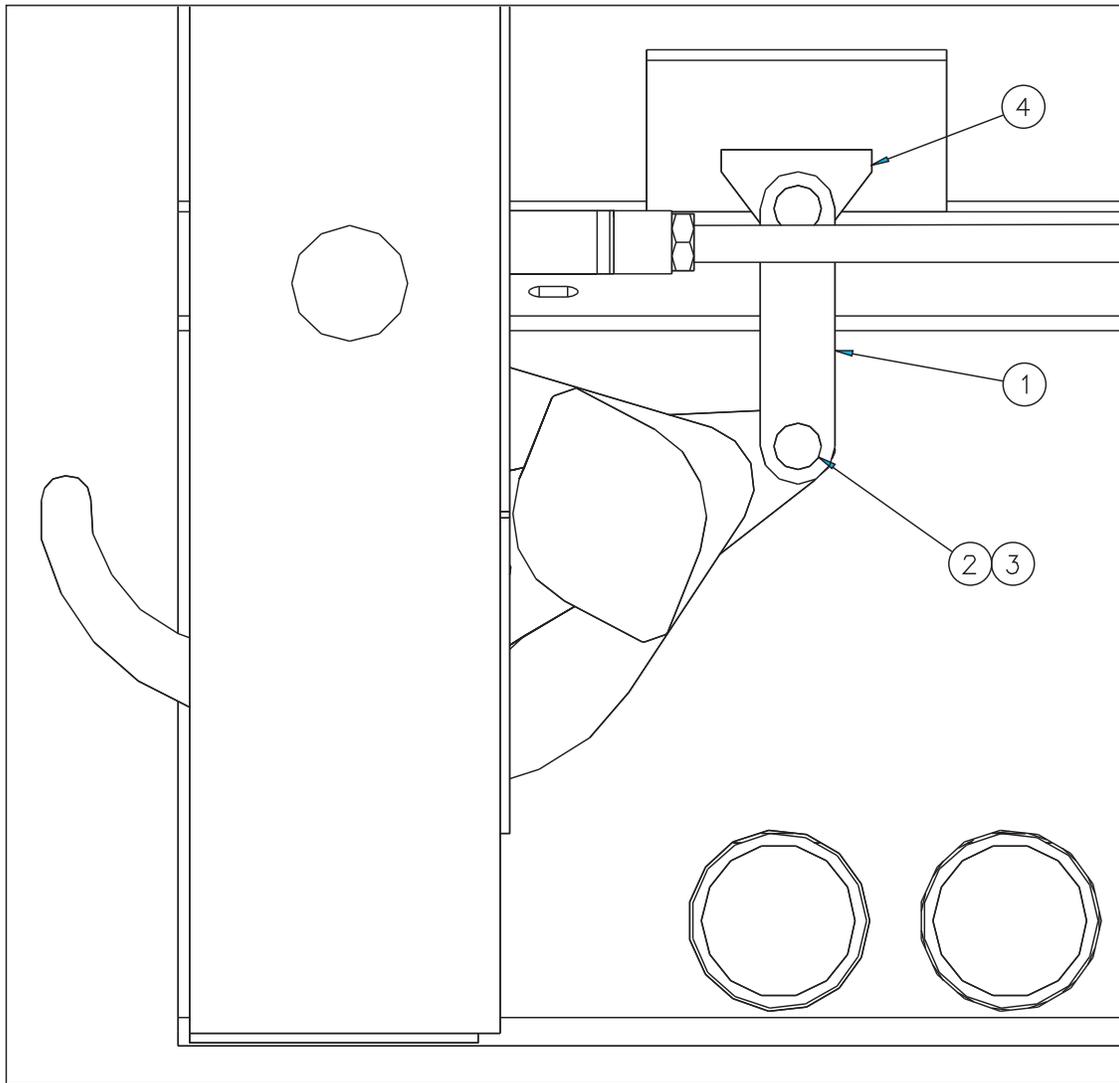


TAILGATE LATCH SYSTEM

Item	Qty	Part Number	Description
1	1	00018542	Handle Kit, RDS, TGT Latch, Bolt On, Grip (See Page 62)
2	1	00030681	RDS Bolt Adjuster
3	1	00030684	Over Center Weldment, RDS
	1	05052427	Decal; Warning.....

OPTIONAL: TORQUE ARM CONVERSION KIT FOR GEARBOX MOUNTING BRACKET

00097515 TORQUE ARM KIT			
Item	Qty	Part Number	Description
1	1	00096811	Torque Arm Weldment
2	2	05022107	Pin, Clevis, $\frac{3}{4}$ x $2\frac{5}{8}$
3	2	05022021	Pin, $\frac{1}{8}$ x 1, Cotter
4	1	00096808	Mounting Tab, RDS, Torque Arm, RR



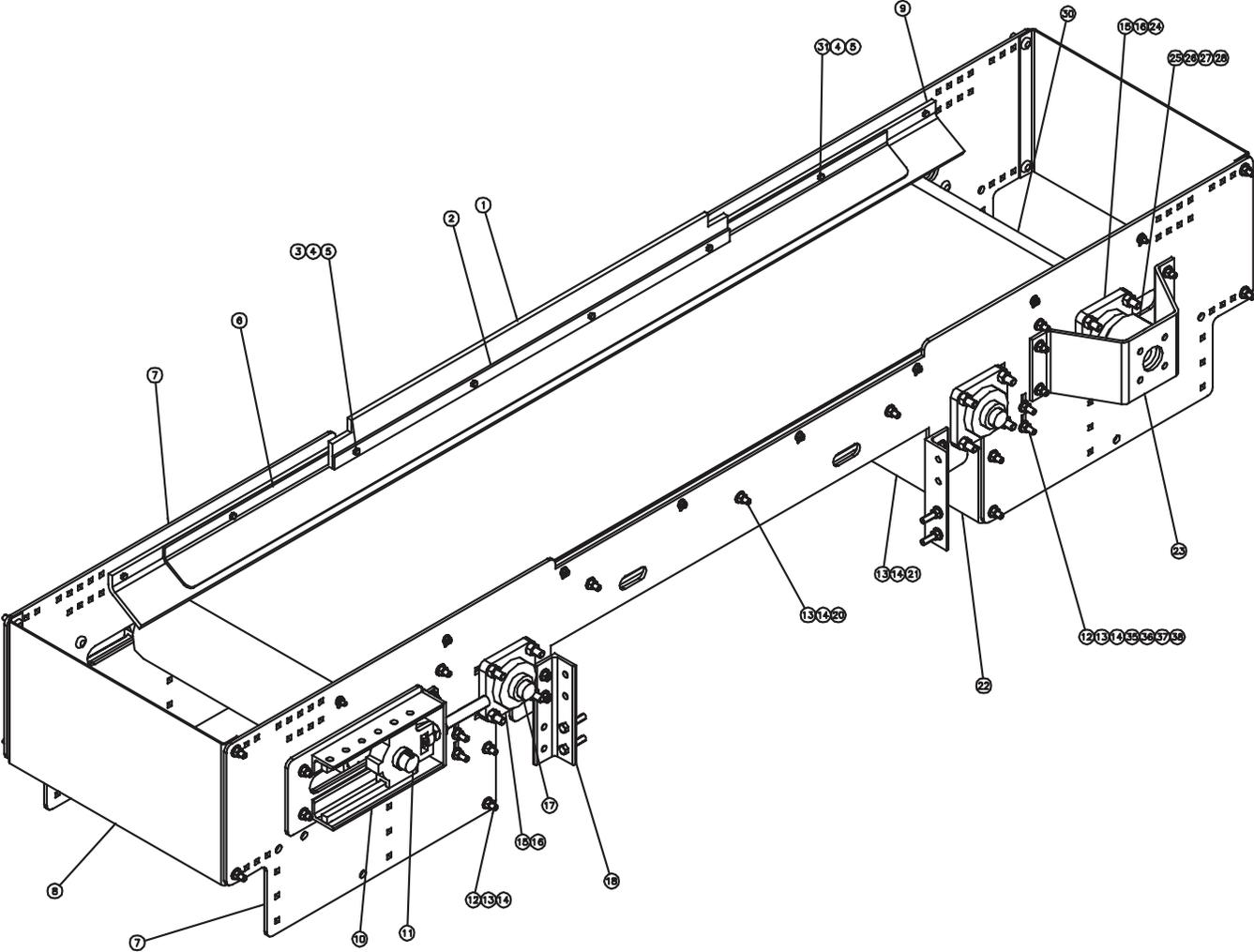
TORQUE ARM UPDATE

1. REMOVE GEARBOX LUG BOLT.
2. TIP GEARBOX DOWN AND COVER GEARBOX AND BEARINGS.
3. REMOVE EXISTING ANGLE MOUNT WELDED TO BODY LEAVING THE SUPPORT PLATE.
4. PIN ARM AND LUG TOGETHER AS SHOWN IN THE PRINT AND ROTATE GEARBOX COUNTERCLOCKWISE UNTIL LUG CONTACTS BODY.
5. TACK LUG TO BODY AND REMOVE THE CONNECTION TO ROTATE GEARBOX AWAY FROM WELD AREA, AGAIN COVER THE ENTIRE AREA.
6. WELD ALL AROUND LUG AND RECONNECT LINKAGE AS SHOWN IN THE PRINT.

GEARBOX & TORQUE ARM UPDATE

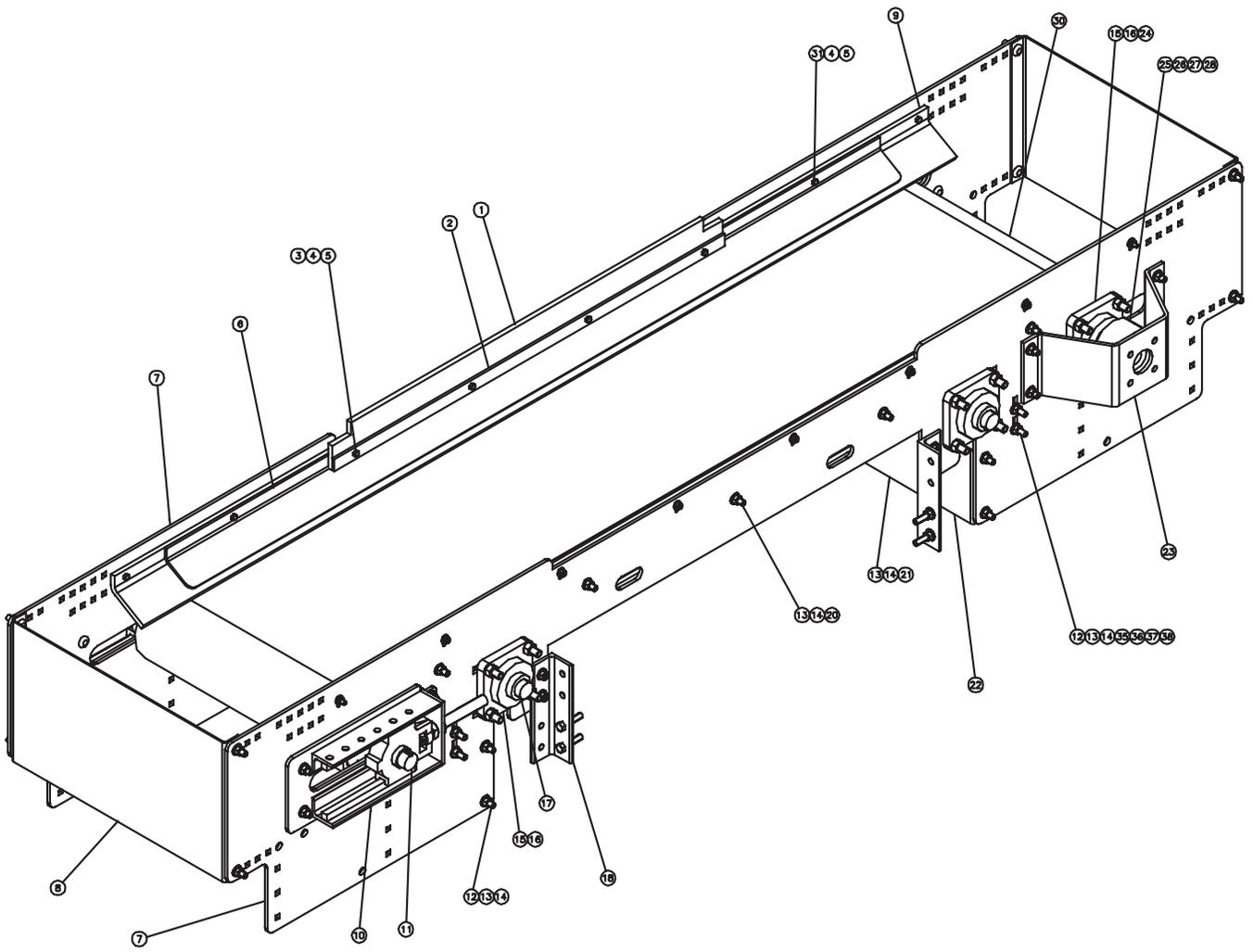
1. FIRST, REMOVE GEARBOX COVER AND USING A GEAR PULLER REMOVE THE GEAR.
2. CLEAN SHAFT TO REMOVE BURS, DIRT, ETC.....
3. AFTER GEARBOX IS REMOVED THE EXISTING ANGLE MOUNT CAN BE REMOVED. SEE ITEM # 2 IN TORQUE ARM UPDATE ABOVE.
4. INSTALL NEW GEARBOX AND CONNECT LINKAGE TO POSITION LUG. SEE TORQUE ARM UPDATE ABOVE FOR INSTRUCTIONS.

OPTIONAL: CROSS CONVEYOR ASSEMBLY



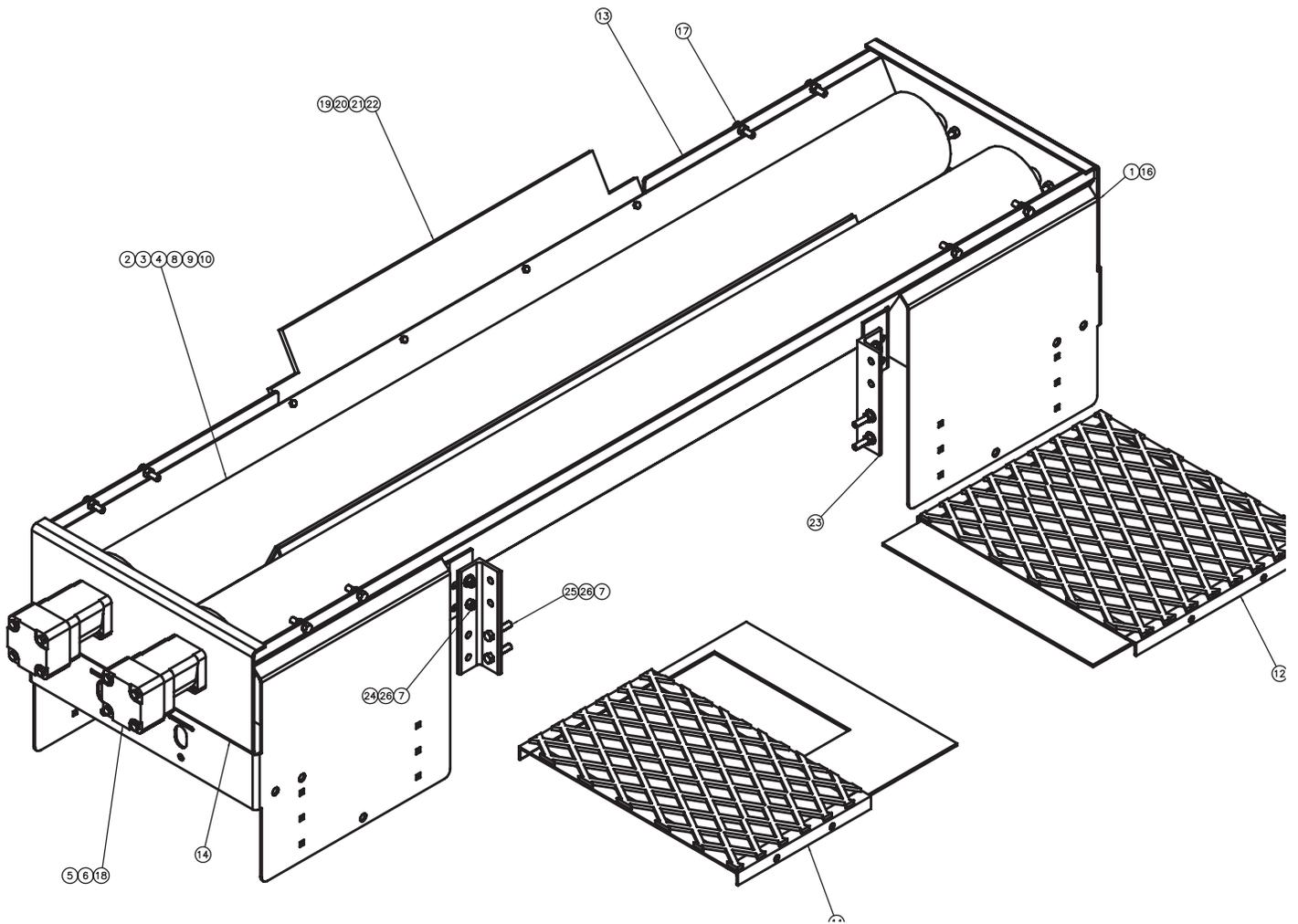
00085084-A CROSS CONVEYOR ASSEMBLY, MS

Item	Qty	Part Number	Description
1	1	00057089	Front Wiper
2	1	00034708	Support, Ruber Flap
3	4	05010596	Bolt, ¼-20 x 1.75, G8, HHCS, Zinc
4	16	05021305	Washer, ¼, Flat, Zinc
5	16	05020899	Nut, ¼-20, Top Lock, Zinc
6	2	00067128-A	Belt Cover, MS
7	2	00067127-A	Longmember, MS
8	2	00067130-A	Longmember Cap, MS
9	2	00084950	Wiper Belt Cover
10	3	00067170	Bearing Adjuster Assembly (See Page 112)
11	2	00085083	Roller Weldment
12	36	05013987	Bolt, ⅜-16 x 1.25, G5, Carriage, Zinc
13	60	05021307	Washer, ⅜, Flat, Zinc
14	60	05020898	Nut, ⅜-16, Top Lock, C&W
15	5	05030029	Bearing, 1¼" Four Bolt
16	20	05020847	Nut, ½-13, GC, Top Lock, C&W
17	2	00085087	Roller Weldment
18	4	00067136-A	Mounting Angle
20	1	00067166-A	Floor Weldment, MS
21	8	05010646	Bolt, ⅜-16 x 1¼, G8, HHCS, Zinc
22	2	00067124-A	Longmember Brace, MS
23	1	00067137-A	Motor Mount, MS
24	20	05014044	Bolt, ½-13 x 2, G5, Carriage, Zinc
25	1	05033054	Sprocket, 1" Boar
26	1	05033055	Sprocket, 1¼ Boare
27	1	05033056	Chain, #40 Double
28	1	05033057	Cover for Chain Coupler
29	1	05006555	Motor, Hydraulic, White, ½" NPT (See Page 160)
30	1	05039776	Belting, 155" L
31	12	05010594	Bolt, ¼ -20 x 1.25, G8, HHCs, Zinc
32	1	05051369	Key, ¼ x 1/4 x 1
33	4	05010642	Bolt, ⅜-16 x ⅜, G8, HHCS, Zinc
34	4	05021365	Washer, ⅜, Lock, Zinc
35	6	05010645	Bolt, ⅜-16 x 1.5, G8, HHCS, Zinc
36	2	00078965-A	Mounting Bracket, MS
37	2	00078967-A	Wiper Bar, MS
38	2	00078966	Wiper
39	20	05021055	Washer, .5, Flat, Zinc



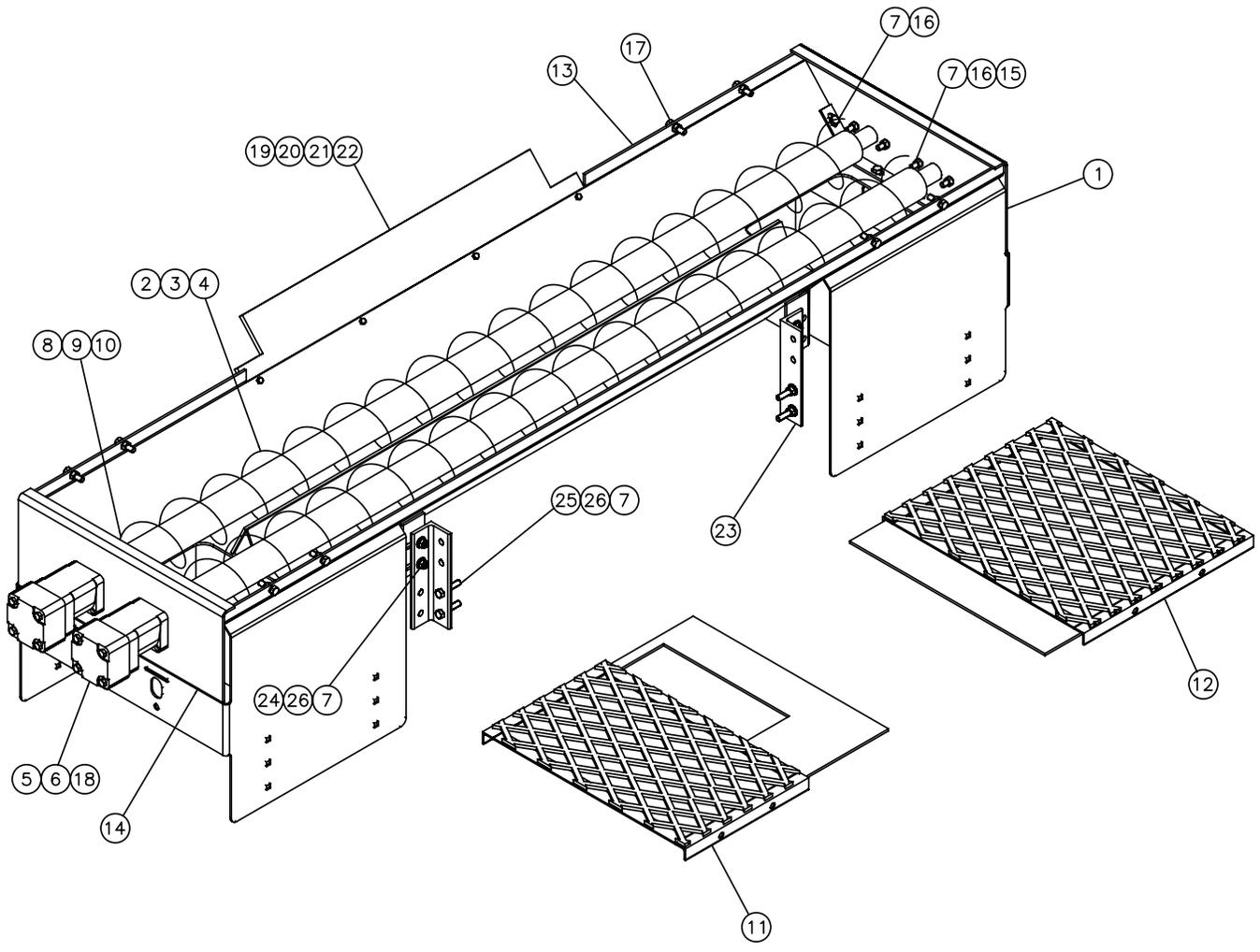
00085084-B CROSS CONVEYOR ASSEMBLY, SST

Item	Qty	Part Number	Description
1	1	00057089	Front Wiper
2	1	00034708	Support, Ruber Flap
3	4	05016116	Bolt, ¼-20 x 1.75, HHCS, SST
4	16	05021403	Washer, ¼, Flat, SST
5	16	05020906	Nut, ¼-20, Nylon Lock, SST
6	2	00067128-B	Belt Cover, SST
7	2	00067127-B	Longmember, SST
8	2	00067130-B	Longmember Cap, SST
9	2	00084950	Wiper Belt Cover
10	3	00067170	Bearing Adjuster Assembly (See Page 112)
11	2	00085083	Roller Weldment
12	36	05016746	Bolt, ⅜-16 x 1.25, Carriage, SST
13	60	05021390	Washer, ⅜, Flat, SST
14	60	05020891	Nut, ⅜-16, Nylon Lock, SST
15	5	05030029	Bearing, 1¼" Four Bolt
16	20	05020908	Nut, ½-13, Nylon Lock, SST
17	2	00085087	Roller Weldment
18	4	00067136-B	Mounting Angle, SST
20	1	00067166-B	Floor Weldment, SST
21	8	05016163	Bolt, ⅜-16 x 1¾, HHCS, SST
22	2	00067124-B	Longmember Brace, SST
23	1	00067137-B	Motor Mount, SST
24	20	05016805	Bolt, ½-13 x 2, Carriage, SST
25	1	05033054	Sprocket, 1" Boar
26	1	05033055	Sprocket, 1¼ Bore
27	1	05033056	Chain, #40 Double
28	1	05033057	Cover for Chain Coupler
29	1	05006555	Motor, Hydraulic, White, ½" NPT (See Page 160)
30	1	05039776	Belting, 155" L
31	12	05016115	Bolt, ¼ -20 x 1, HHCS, SST
32	1	05051369	Key, ¼ x 1/4 x 1.25
33	4	05010642	Bolt, ⅜-16 x ⅝, HHCS, SST
34	4	05021365	Washer, ⅜, Lock, SST
35	6	05016162	Bolt, ⅜-16 x 1.5, HHCS, SST
36	2	00078965-B	Mounting Bracket, MS
37	2	00078967-B	Wiper Bar, MS
38	2	00078966	Wiper
39	20	05021391	Washer, .5, Flat, SAE, SST



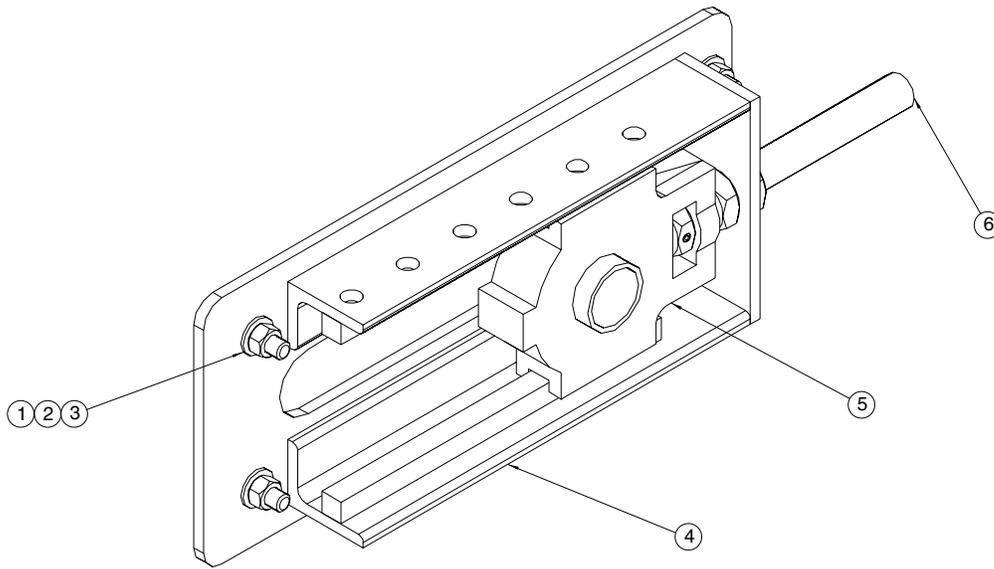
00081601 CROSS AUGER KIT, 6" AUGER

Item	Qty.	Part Number	Description
1	1	00078989-B	BEARING PL WLDMT,AUGER,RDS,304
1	1	00078989-A	BEARING PL WLDMT,AUGER,RDS,MS
2	2	00078991	AUGER WLDMT,RDS,CROSS AUGER,6" DIA
3	2	00021746	BUSHING,UHMW,2.468"x1.813",BORE
4	2	00072550	COUPLER,SHAFT,1"x4", SST
5	2	05006549	MOTOR,HYD,WHITE,10CID,1"SHAFT <i>See Page 162</i>
6	8	05016050	BOLT .375-16 x .875 HHCS SST
6	8	05010642	BOLT .375-16 x .875 G8 HHCS ZC
7	28	05020898	NUT .375-16 TOPLOCK C&W
7	28	05020891	NUT .375-16 NYLON LOCK SST
8	2	05010699	BOLT .500-13 x 3.500 G8 HHCS ZC
9	2	05020847	NUT .500-13 GC TOPLOCK C&W
10	2	05021367	WASHER .500 LOCK ZC
11	1	00059334-B	COVER WLDMT,AUGER,RDS,RH,304
11	1	00059334-A	COVER WLDMT,AUGER,RDS,RH,MS
12	1	00059333-B	COVER WLDMT,AUGER,RDS,LH,304
12	1	00059333-A	COVER WLDMT,AUGER,RDS,LH,MS
13	1	00078998-B	TROUGH WLDMT,AUGER,RDS,304
13	1	00078998-A	TROUGH WLDMT,AUGER,RDS,MS
14	1	00078988-B	MOTOR PL WLDMT,AUGER,RDS,304
14	1	00078988-A	MOTOR PL WLDMT,AUGER,RDS,MS
15	2	05030023	BEARING,1"BORE,2-BOLT MNT
16	12	05010645	BOLT .375-16 x 1.500 G8 HHCS ZC
16	12	05016162	BOLT .375-16 x 1.500 HHCS SST
17	8	05010644	BOLT .375-16 x 1.250 G8 HHCS ZC
17	8	05016049	BOLT .375-16 x 1.250 HHCS SST
18	8	05021365	WASHER .375 LOCK ZC
18	8	05021392	WASHER .375 LOCK SST
19	1	00061679	WIPER,REAR,RDS,CROSS AUGER
20	1	00061692-A	SUPPORT,RUBBER FLAP,RDS,MS
20	1	00061692-B	SUPPORT,RUBBER FLAP,RDS,304
21	4	05010593	BOLT .250-20 x 1.000 G8 HHCS ZC
21	4	05016040	BOLT .250-20 x 1.000 HHCS SST
22	4	05020899	NUT .250-20 TOPLOCK C&W
22	4	05020906	NUT .250-20 NYLON LOCK SST
23	4	00067136-B	MOUNTING ANGLE,RDS,304
23	4	00067136-A	MOUNTING ANGLE,RDS,MS
24	8	05010643	BOLT .375-16 x 1.000 G8 HHCS ZC
24	8	05016034	BOLT .375-16 x 1.000 HHCS SST
25	8	05010646	BOLT .375-16 x 1.750 G8 HHCS ZC
25	8	05016163	BOLT .375-16 x 1.750 HHCS SST
26	16	05021390	WASHER .375 FLAT SST
26	16	05021307	WASHER .375 FLAT ZC



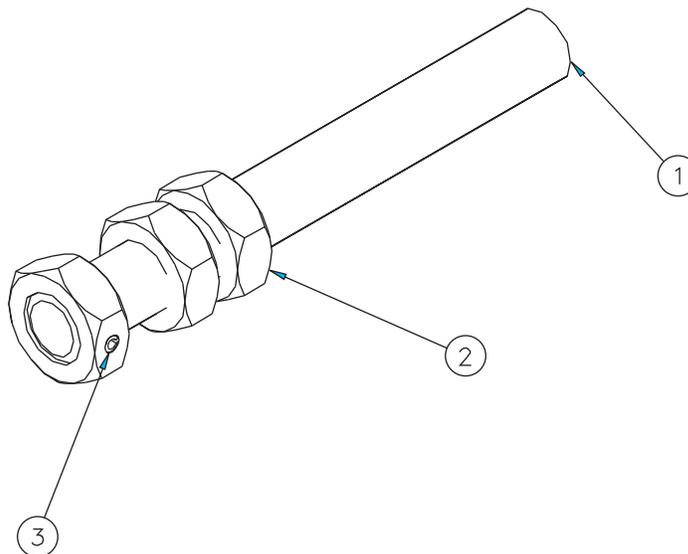
00059339 CROSS AUGER KIT, 4-3/8" AUGER

Item	Qty.	Part Number	Description
1	1	00059332-B	BEARING PL WLDMT,AUGER,RDS,304
1	1	00059332-A	BEARING PL WLDMT,AUGER,RDS,MS
2	2	00053086	AUGER WLDMT,RDS,CROSS AUGER
3	2	00022889	BUSHING,NYLON,DIRECT DRIVE
4	2	05051201	COUPLER,SHAFT,1"x4"
5	2	05006549	MOTOR,HYD,WHITE,10CID,1"SHAFT See Page 162
6	8	05010642	BOLT .375-16 x .875 G8 HHCS ZC
6	8	05016050	BOLT .375-16 x .875 HHCS SST
7	28	05020898	NUT .375-16 TOPLOCK C&W
7	28	05020891	NUT .375-16 NYLON LOCK SST
8	2	05010697	BOLT .500-13 x 3.000 G8 HHCS ZC
8	2	05016959	BOLT .500-13 x 3.000 HHCS SST
9	2	05020847	NUT .500-13 GC TOPLOCK C&W
9	2	05020908	NUT .500-13 NYLON LOCK SST
10	2	05021367	WASHER .500 LOCK ZC
10	2	05021396	WASHER .500 LOCK SST
11	1	00059334-B	COVER WLDMT,AUGER,RDS,RH,304
11	1	00059334-A	COVER WLDMT,AUGER,RDS,RH,MS
12	1	00059333-B	COVER WLDMT,AUGER,RDS,LH,304
12	1	00059333-A	COVER WLDMT,AUGER,RDS,LH,MS
13	1	00059327-A	TROUGH WLDMT,AUGER,RDS,MS
13	1	00059327-B	TROUGH WLDMT,AUGER,RDS,304
14	1	00059331-B	MOTOR PL WLDMT,AUGER,RDS,304
14	1	00059331-A	MOTOR PL WLDMT,AUGER,RDS,MS
15	2	05030023	BEARING,1"BORE,2-BOLT MNT
16	12	05016162	BOLT .375-16 x 1.500 HHCS SST
16	12	05010645	BOLT .375-16 x 1.500 G8 HHCS ZC
17	8	05010644	BOLT .375-16 x 1.250 G8 HHCS ZC
17	8	05016049	BOLT .375-16 x 1.250 HHCS SST
18	8	05021365	WASHER .375 LOCK ZC
18	8	05021392	WASHER .375 LOCK SST
19	1	00061679	WIPER,REAR,RDS,CROSS AUGER
20	1	00061692-A	SUPPORT,RUBBER FLAP,RDS,MS,CROSS AUGER
20	1	00061692-B	SUPPORT,RUBBER FLAP,RDS,304,CROSS
21	4	05010593	BOLT .250-20 x 1.000 G8 HHCS ZC
21	4	05016040	BOLT .250-20 x 1.000 HHCS SST
22	4	05020899	NUT .250-20 TOPLOCK C&W
22	4	05020906	NUT .250-20 NYLON LOCK SST
23	4	00067136-A	MOUNTING ANGLE,RDS,MS
23	4	00067136-B	MOUNTING ANGLE,RDS,304
24	8	05016034	BOLT .375-16 x 1.000 HHCS SST
24	8	05010643	BOLT .375-16 x 1.000 G8 HHCS ZC
25	8	05010646	BOLT .375-16 x 1.750 G8 HHCS ZC
25	8	05016163	BOLT .375-16 x 1.750 HHCS SST
26	16	05021390	WASHER .375 FLAT SST
26	16	05021307	WASHER .375 FLAT ZC



00067170 BEARING ADJUSTER ASSEMBLY

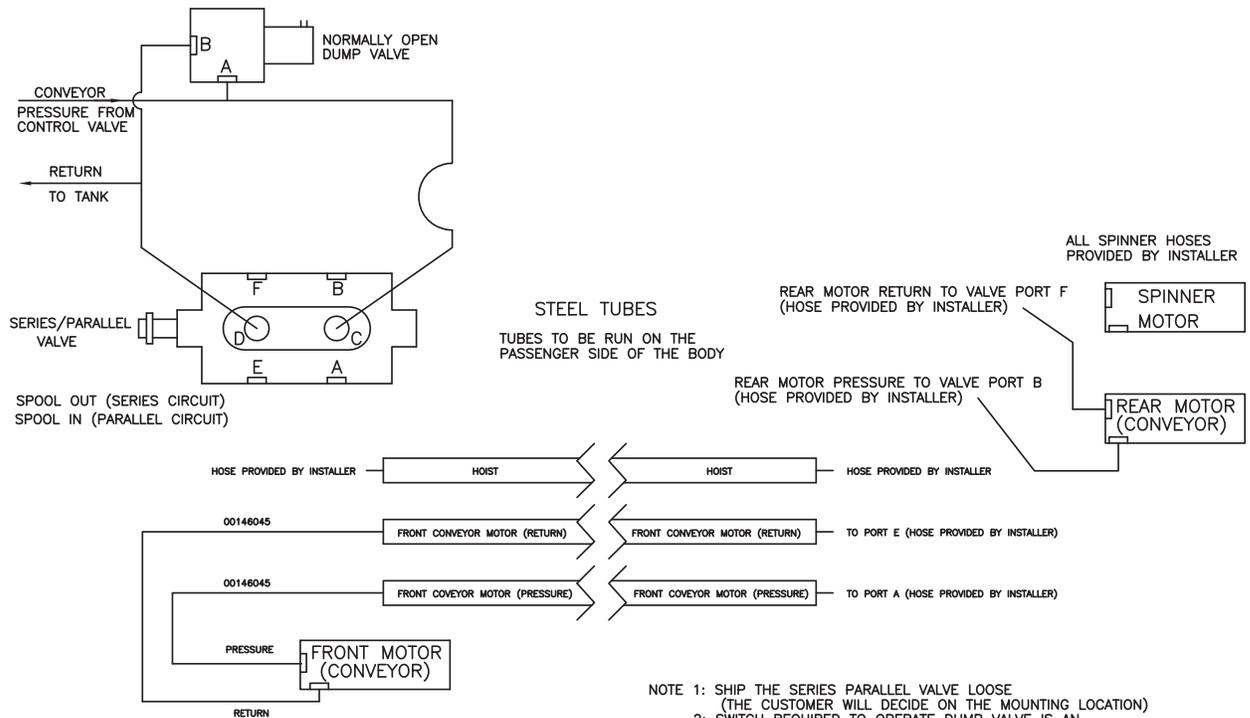
Item	Qty	Part Number	Description
1	4	05013987	Bolt, 3/8-16 x 1.25, G5, Carriage, Zinc
2	4	05020898	Nut, 3/8-16, Top LOck, C&W
3	4	05021307	Washer, 3/8, Flat, Zinc
4	1	00067115	Bearing Adjuster Weldment
5	1	05030061	Bearing, 1 1/4, Take Up w/ Lock
6	1	00067168	Adjuster Assembly, Bearing Adjuster (See below)



00067168 ADJUSTER ASSEMBLY, BEARING ADJUSTER

Item	Qty	Part Number	Description
1	1	00067169	Redibolt, 3/4" DIA x 6 1/2", MS
2	3	05020123	Nut, 3/4-10, G2, Jam, Zinc
3	1	05022179	Pin, 3/8 x 1 1/2, OAL, Roll

HYDRAULIC SCHEMATIC FOR MONROE RDS FRONT AND REAR DISCHARGE WITH SERIES/PARALLEL AND DUMP VALVE INSTALLED

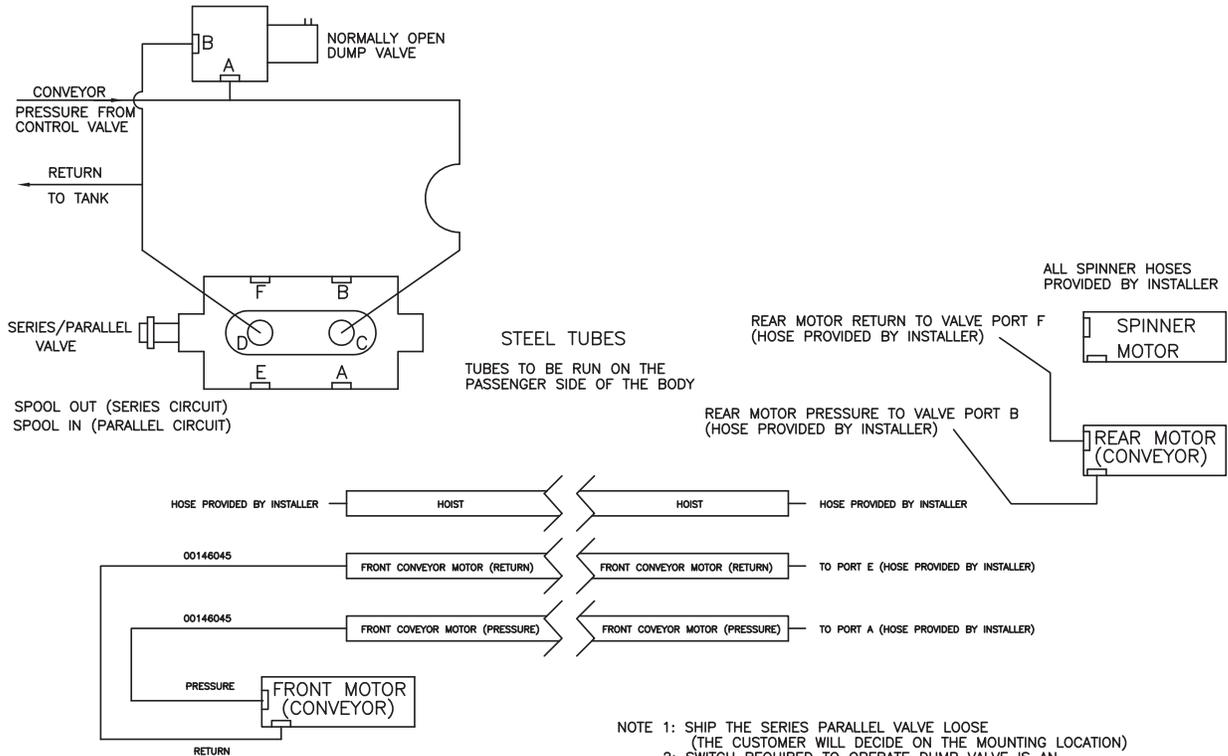


- NOTE 1: SHIP THE SERIES PARALLEL VALVE LOOSE
(THE CUSTOMER WILL DECIDE ON THE MOUNTING LOCATION)
2: SWITCH REQUIRED TO OPERATE DUMP VALVE IS AN SPST (ON-OFF) ENVIRONMENTALLY SEALED TOGGLE TYPE RATED AT 20 AMPS.

"C" PORT ON SERIES/PARALLEL VALVE IS PRESSURE FROM CONTROL VALVE.
"D" PORT ON SERIES/PARALLEL VALVE IS RETURN TO TANK

00116508 SERIES PRL KIT, RDS, 168, SST HARDWARE			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	3	05052228	TUBE, HYD, SS, .75", 132" OAL
2	4	00146044	CLAMP, UHMW 2-PIECE, 1x2.5x4.75
3	1	05037220	VALVE, SERIES PARALEL, 1.0625 ORB
4	8	05016046	BOLT .375-16 x 3.50 HHCS SST
5	8	05021390	WASHER .375 FLAT SST
6	8	05020891	NUT .375-16 NYLON LOCK 316 SST
7	2	00146045	HOSE ASSY, .500 ID, M3K, 46.0 OAL
8	1	00086712-B	BRACKET, MTG, VALVE, DM, 304,

HYDRAULIC SCHEMATIC FOR MONROE RDS FRONT AND REAR DISCHARGE
WITH SERIES/PARALLEL AND DUMP VALVE INSTALLED



- NOTE 1: SHIP THE SERIES PARALLEL VALVE LOOSE
(THE CUSTOMER WILL DECIDE ON THE MOUNTING LOCATION)
- NOTE 2: SWITCH REQUIRED TO OPERATE DUMP VALVE IS AN
SPST (ON-OFF) ENVIRONMENTALLY SEALED TOGGLE
TYPE RATED AT 20 AMPS.

SST LINES ARE ATTACHED BY BOLTING BRACKETS (ITEM 9)
TO LONGMEMBERS USING CHAIN SHIELD BOLTS. BOLT
HALF OF CLAMP 00146044 TO BRACKET WITH TUBES IN
PLACE.

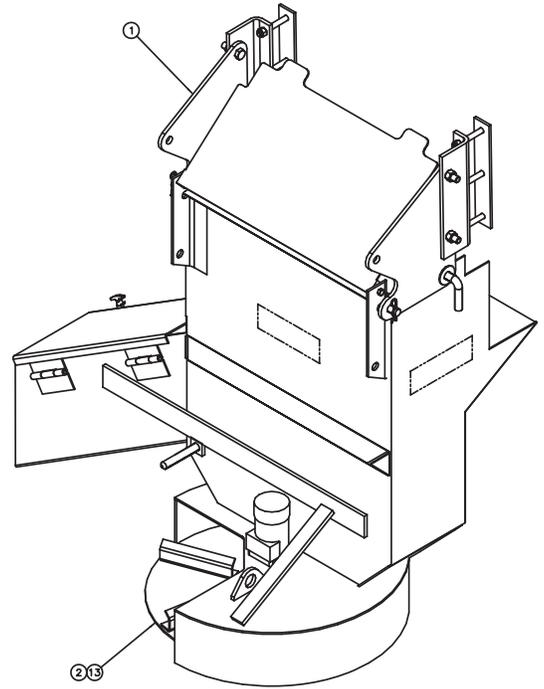
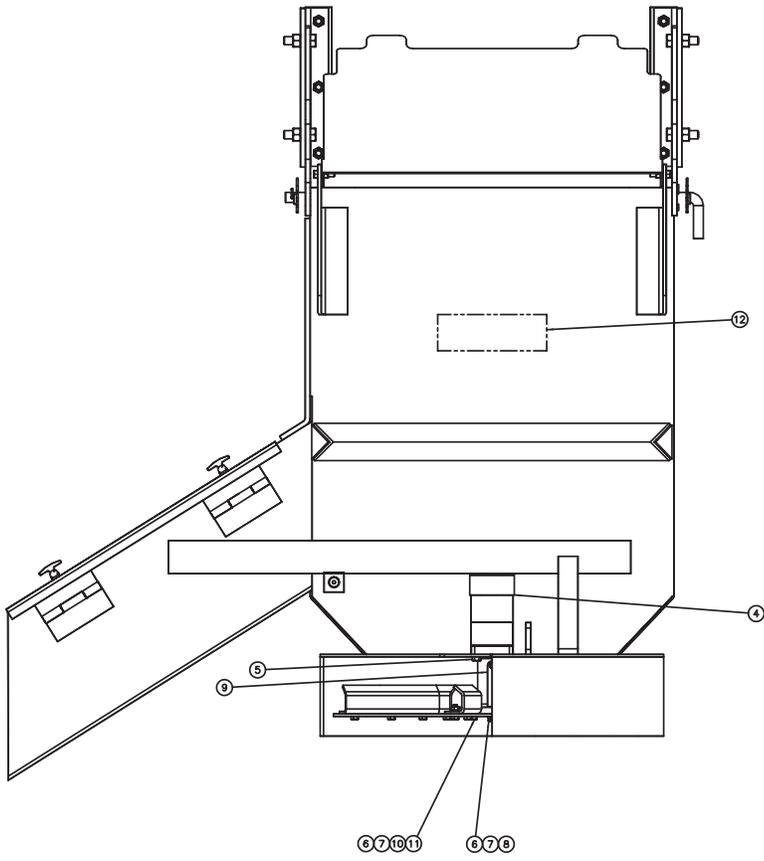
"C" PORT ON SERIES/PARALLEL VALVE IS PRESSURE FROM CONTROL VALVE.
"D" PORT ON SERIES/PARALLEL VALVE IS RETURN TO TANK

00156561 SERIES PRL KIT, RDS, 168, SST HARDWARE

ITEM	QTY	PART NUMBER	DESCRIPTION
1	3	05052228	TUBE, HYD, SS, .75", 132" OAL
2	2	00146044	CLAMP, UHMW 2-PIECE, 1x2.5x4.75
3	1	05037220	VALVE, SERIES PARALEL, 1.0625ORB
4	8	05016166	BOLT .375-16 x 2.50 HHCS SST
5	8	05021390	WASHER .375 FLAT SST
6	8	05020891	NUT .375-16 NYLON LOCK 316 SST
7	2	00146045	HOSE ASSY, .500 ID, M3K, 46.0 OAL
8	1	00086712-B	BRACKET, MTG, VALVE, DM, 304,
9	4	00156560	MTG BRKT, CLAMP, RDS, AUSST

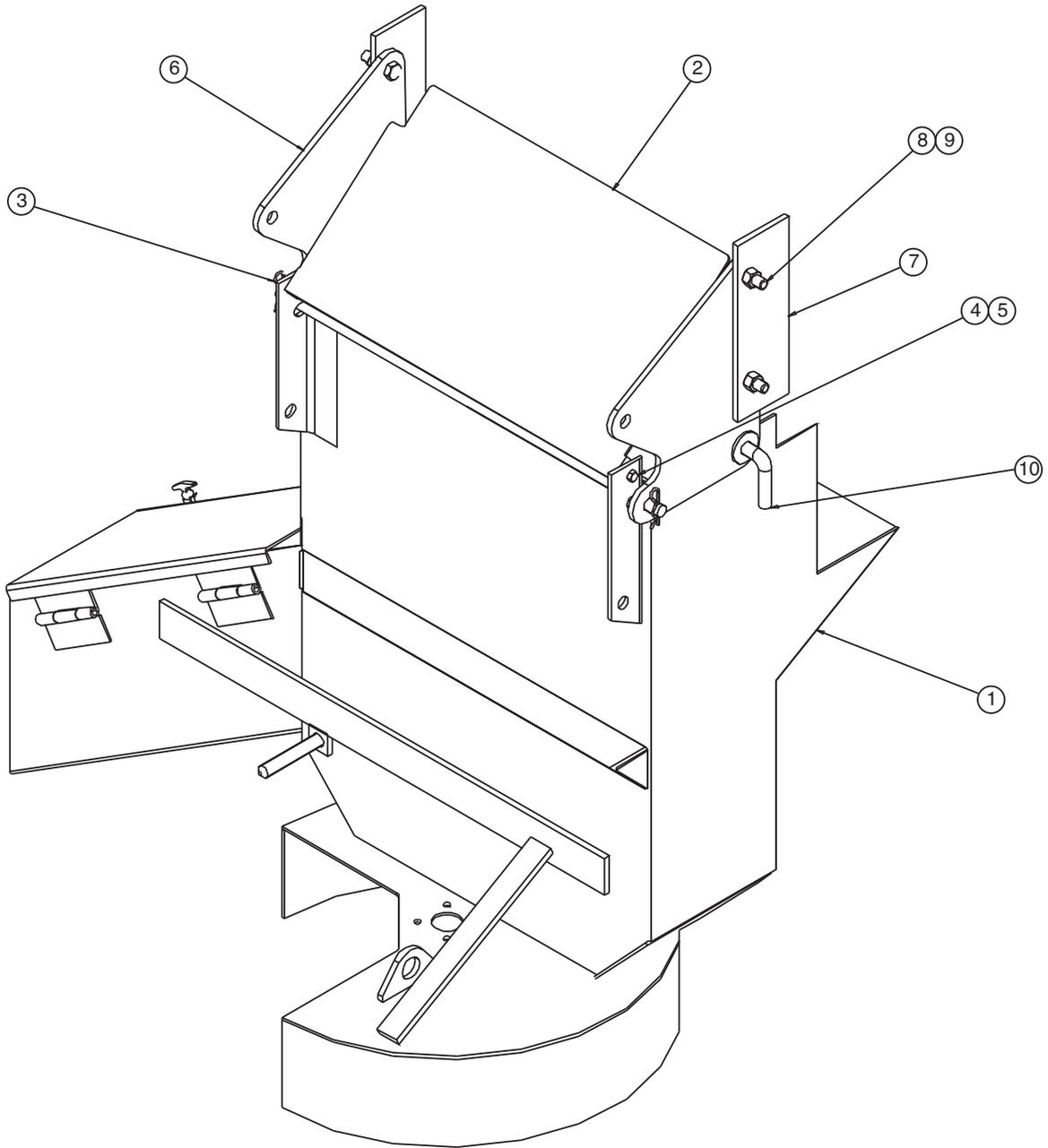
OPTIONAL: SPINNER ASSEMBLY

Item	Qty	Part Number	Description
1	1	00012732	Spinner Assembly, Center Line w/ Motor (See Page 117)
2	1	00050733	Spinner Assembly, Tip-Up (See Page 121)
3	1	00059304	Spinner Assembly, Swing Under (See Page 125)
4	1	00050701	Spinner Assembly, Side Mount (See Page 129)
5	1	00059320	Spinner Assembly, Front, Cross Auger (See Page 128)
6	1	00067171	Spinner Assembly, Cross Conveyor w/ Diverter
7	1	00053094	Spinner Assembly, Receiver Tube Mount w/ Diverter (See Page 139)
8	1	00141787	Spinner Assembly, Lower (See Page 133)



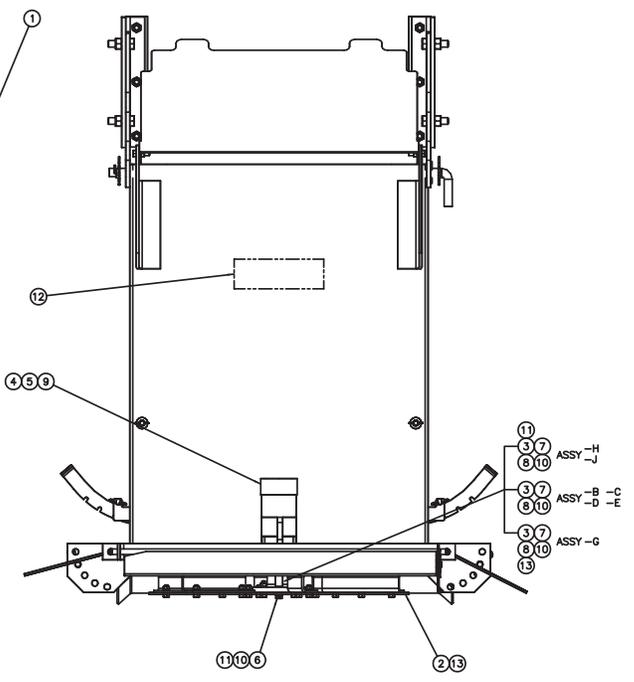
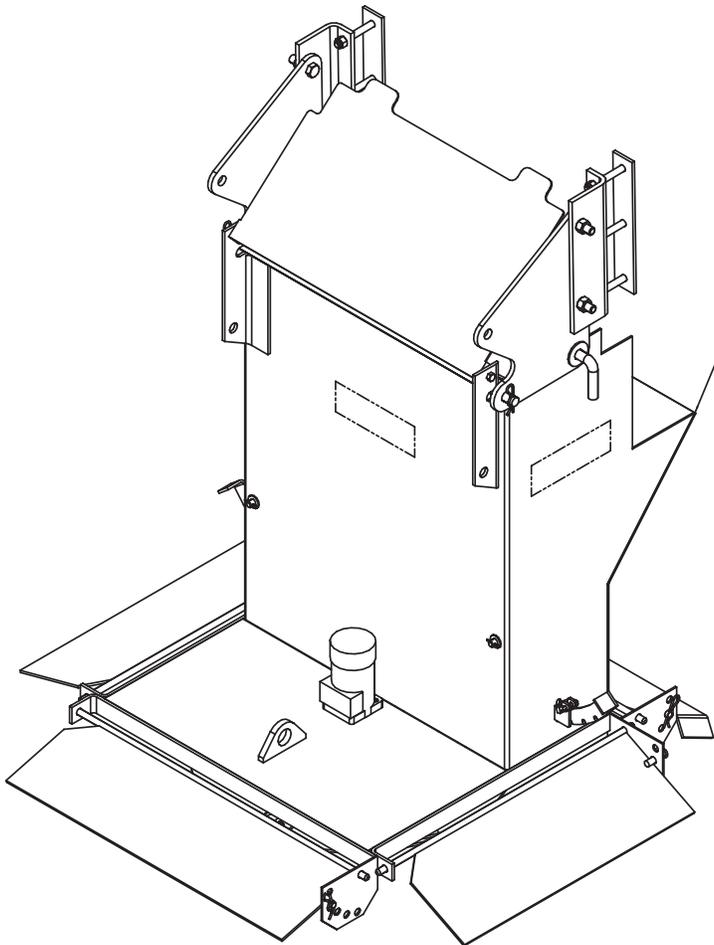
00012732 SPINNER ASSEMBLY, RDS, CTR LINE HYD TIP-UP

Item	Qty.	Part Number	Description
1	1	00012731-A	CHUTE ASSY,RDS,MS,CTR LINE (See Page 119)
1	1	00012731-B	CHUTE ASSY,RDS,304,CTR LINE
2	1	00099406-A	SPINNER DISC ASSY,24,CW,MS (See Page 147)
2	1	00099406-B	SPINNER DISC ASSY,24,CW,304
2	1	00099406-C	SPINNER DISC ASSY,24,CW,AR
2	1	05050998	DISC,SPINNER,24" STRAIT,POLY
4	1	05006673	MOTOR,HYD,WHITE,3.2CI,4B,1"EXT (See Page 164)
5	4	05010642	BOLT .375-16 x .875 G8 HHCS ZC
5	4	05016050	BOLT .375-16 x .875 HHCS SS
6	5	05021364	WASHER .313 LOCK ZC
6	5	05021407	WASHER .313 LOCK SS
7	1	05021306	WASHER .313 FLAT ZC
7	1	05021404	WASHER .313 FLAT SS
8	1	05010630	BOLT .313-18 x 4.00 G8 HHCS ZC
8	1	05016150	BOLT .313-18 x 4.00 HHCS SST
9	1	05050054	HUB,SPINNER ASSY,EXT SFT
10	4	05010619	BOLT .313-18 x 1.25 G8 HHCS ZC
10	4	05016139	BOLT .313-18 x 1.25 HHCS SS
11	4	05020265	NUT .313-18 G8 HEX ZC
11	4	05020855	NUT .313-18 HEX SS
12	3	05051402	DECAL,8.25"x2.75",WARNING



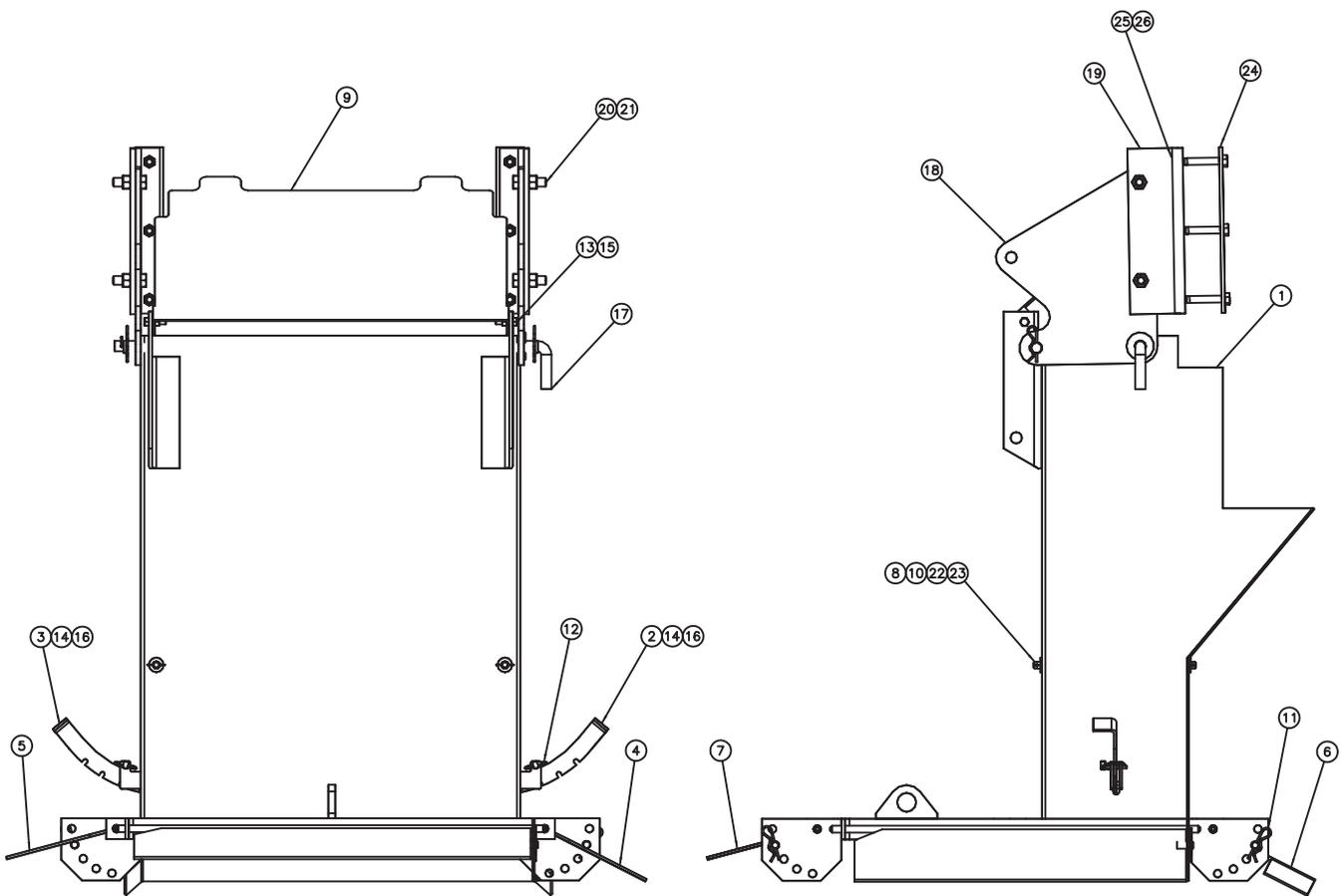
00012731 CHUTE ASSEMBLY, CENTERLINE

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	00050366-A	CHUTE WLDMT,RDS,MS,CTR LINE
1	1	00050366-B	CHUTE WLDMT,RDS,304,CTR LINE
2	1	00040603-A	COVER, CHUTE TOP MILD STEEL
2	1	00040603-B	COVER, CHUTE TOP 304 SST
3	3	05022035	PIN #11 HAIR
4	2	05010644	BOLT .375-16 x 1.250 G8 HHCS ZC
4	2	05016049	BOLT .375-16 x 1.250 HHCS SST
5	2	05020898	NUT .375-16 TOPLOCK C&W
5	2	05020891	NUT .375-16 NYLON LOCK SST
6	2	00040601-A	HINGE PLATE, RDS SPINNER MILD STEEL
6	2	00040601-B	HINGE PLATE, RDS SPINNER 304 SST
7	2	00040766-A	BRACKET,SPINNER MOUNT MILD STEEL
7	2	00040766-B	BRACKET,SPINNER MOUNT 304 SST
8	4	05010739	BOLT .625-11 x 2.000 G8 HHCS ZC
8	4	05016250	BOLT .625-11 x 2.000 HHCS SST
9	4	05020837	NUT .625-11 GC TOPLOCK C&W
9	4	05020903	NUT .625-11 NYLON LOCK SST
10	1	00040758-A	LATCH ROD WLDMT MS
10	1	00040758-B	LATCH ROD WLDMT 304SST
11	2	00118605-A	BACKING BAR,CHUTE MTG,RDS/DVS,MS
11	2	00118605-B	BACKING BAR,CHUTE MTG,RDS/DVS,304
12	6	05010701	BOLT .500-13 x 4.00 G8 HHCS ZC
12	6	05017053	BOLT .500-13 x 4.00 HHCS SST
13	6	05020847	NUT .500-13 GC TOPLOCK C&W
13	6	05020908	NUT .500-13 NYLON LOCK 316 SST



00050733 SPINNER ASSEMBLY, RDS, TIP-UP

Item	Qty.	Part Number	Description
1	1	00012400-A	CHUTE ASSY,RDS,MS,TIP-UP (See Page 122)
1	1	00012400-B	CHUTE ASSY,RDS,304,TIP-UP
1	1	00012400-C	CHUTE ASSY,RDS,AUSST,TIP-UP
2	1	00077547-A	SPINNER DISC ASSY,24,CCW,MS (See Page 147)
2	1	00077547-B	SPINNER DISC ASSY,24,CCW,304
2	1	00077547-C	SPINNER DISC ASSY,24,CCW,AR
2	1	00077547-D	SPINNER DISC ASSY,24,CCW,AUSST
2	1	00099407-B	SPINNER DISC ASSY,24,CCW,MESCO
2	1	05050998	DISC,SPINNER,24" STRAIT,POLY
3	1	05050054	HUB,SPINNER ASSY,EXT SFT
4	1	05006673	MOTOR,HYD,WHITE,3.2CI,4B,1"EXT (See Page 164)
5	4	05010642	BOLT .375-16 x .875 G8 HHCS ZC
5	4	05016050	BOLT .375-16 x .875 HHCS SS
6	1	05010630	BOLT .313-18 x 4 G8 HHCS ZC
6	1	05016150	BOLT .313-18 x 4.00 HHCS SST
7	4	05010619	BOLT .313-18 x 1.25 G8 HHCS ZC
7	4	05016139	BOLT .313-18 x 1.25 HHCS SS
8	4	05020265	NUT .313-18 G8 HEX ZC
8	4	05020855	NUT .313-18 HEX SS
9	4	05021365	WASHER .375 LOCK ZC
9	4	05021392	WASHER .375 LOCK SS
10	5	05021364	WASHER .313 LOCK ZC
10	5	05021407	WASHER .313 LOCK SS
11	1	05021306	WASHER .313 FLAT ZC
11	1	05021404	WASHER .313 FLAT SS
12	3	05051402	DECAL,8.25"x2.75",WARNING

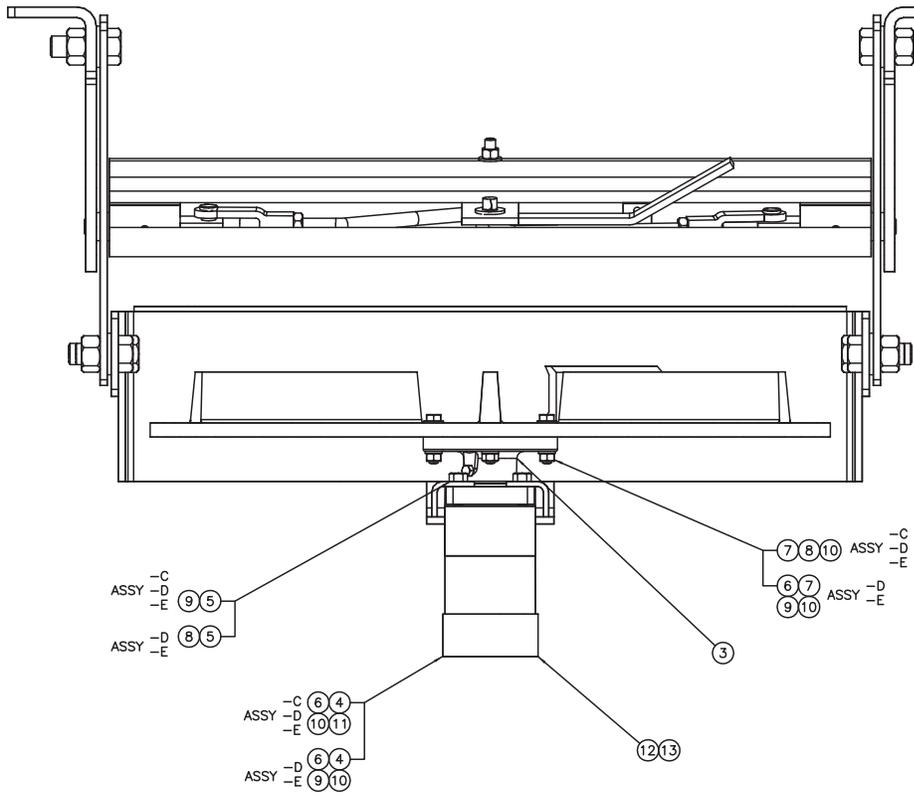


00012400 CHUTE ASSEMBLY, TIP-UP

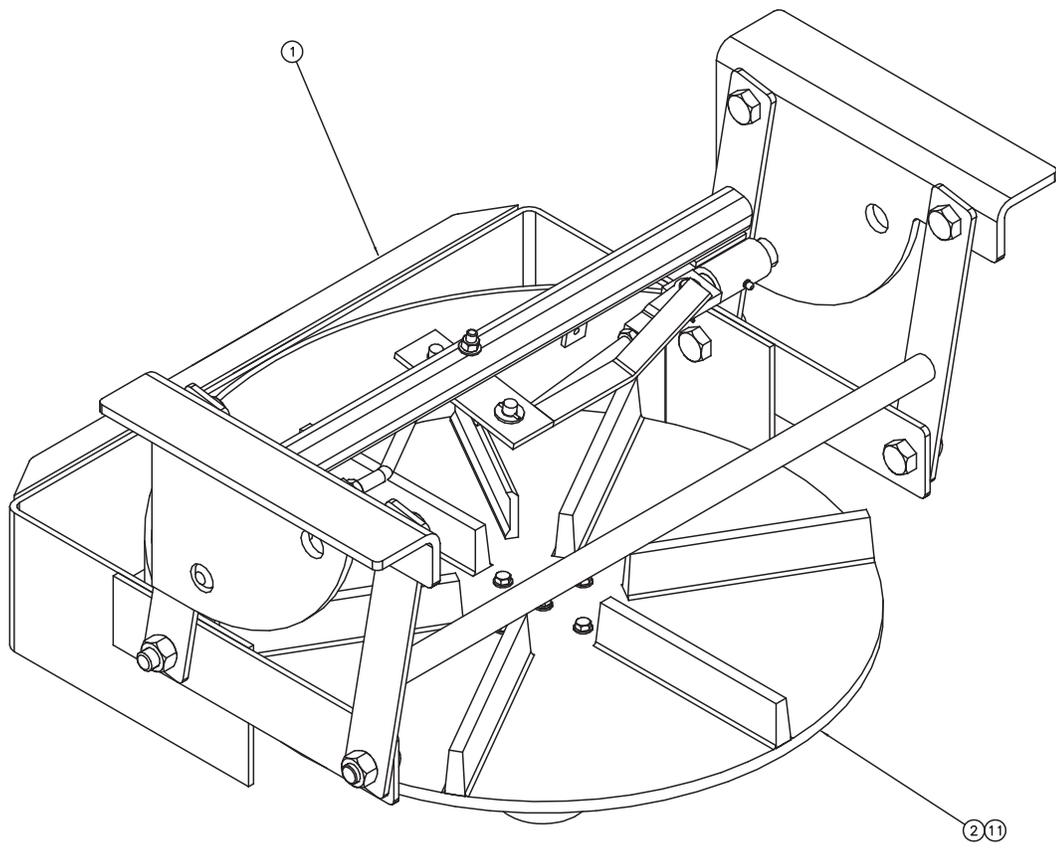
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	00040741-A	CHUTE WLDMT,MS
1	1	00040741-B	CHUTE WLDMT,304SST
1	1	00040741-C	CHUTE WLDMT,AUSST
2	1	00020930-A	BAR ADJUSTER GATE RH MS
2	1	00020930-B	BAR ADJUSTING GATE RH 304SST
2	1	00020930-C	BAR ADJUSTING GATE RH,AUSST
3	1	00020931-A	BAR ADJUSTER GATE LH MS
3	1	00020931-B	BAR ADJUSTING GATE LH 304SST
3	1	00020931-C	BAR ADJUSTING GATE LH,AUSST
4	1	00024961-A	DEFLECTOR WELDMENT-SIDES RH MS
4	1	00024961-B	DEFLECTOR WLDMT SIDES RH 304SST
4	1	00024961-D	DEFLECTOR WLDMT SIDES RH,AUSST
5	1	00024962-A	DEFLECTOR WLDMT SIDES LH MS
5	1	00024962-B	DEFLECTOR WLDMT SIDES LH 304SST
5	1	00024962-D	DEFLECTOR WLDMT SIDES LH,AUSST
6	1	00024946-A	DEFLECTOR WELDMENT-FR MS
6	1	00024946-B	DEFLECTOR WELDMENT-FR 304SST
6	1	00024946-D	DEFLECTOR WELDMENT-FR,AUSST
7	1	00024954-A	DEFLECTOR WELDMENT-REAR MS

00012400 CHUTE ASSEMBLY, TIP-UP

ITEM	QTY	PART NUMBER	DESCRIPTION
7	1	00024954-B	DEFLECTOR WELDMENT-REAR 304SST
7	1	00024954-D	DEFLECTOR WELDMENT-REAR,AUSST
8	2	00123628-A	RESTRICTOR WLDMT,SPINNER MS
8	2	00123628-B	RESTRICTOR WLDMT, 304SST
8	2	00123628-C	RESTRICTOR WLDMT,AUSST
9	1	00040603-A	COVER, CHUTE TOP RDS MS
9	1	00040603-B	COVER,CHUTE TOP RDS 304SST
9	1	00040603-D	COVER,CHUTE TOP RDS,AUSST
10	2	00143742-A	PIVOT ROD,.500 DIA x 11.75,MS
10	2	00143742-B	PIVOT ROD,.500 DIA x 11.75,304
11	5	05022035	PIN #11 HAIR ZC
12	2	05022106	PIN .188 LYNCH
13	2	05010644	BOLT .375-16 x 1.250 G8 HHCS ZC
13	2	05016049	BOLT .375-16 x 1.250 HHCS SST
14	2	05010618	BOLT .313-18 x 1.000 G8 HHCS ZC
14	2	05016038	BOLT .312-18 x 1.000 HHCS SST
15	2	05020898	NUT .375-16 TOPLOCK C&W,GR C
15	2	05020891	NUT .375-16 NYLOCK SS
16	2	05020909	NUT .313-18 GC TOPLOCK C&W
16	2	05020907	NUT .312-18 NYLOCK SS
17	1	00040758-A	LATCH ROD WLDMT MS
17	1	00040758-B	LATCH ROD WLDMT 304SST
18	2	00040601-A	HINGE PLATE,RDS SPINNER MS
18	2	00040601-B	HINGE PLATE,RDS SPINNER 304SST
19	2	00040766-A	BRACKET, RDS SPINNER MOUNT MS
19	2	00040766-B	BRACKET,SPINNER MOUNT RDS 304SST
20	4	05010739	BOLT .625-11 x 2.000 G8 HHCS ZC
20	4	05016250	BOLT .625-11 x 2.000 HHCS SST
21	4	05020837	NUT .625-11 GC TOPLOCK C&W
21	4	05020903	NUT .625-11 NYLON LOCK SST
22	4	05021309	WASHER .500 FLAT ZC
22	4	05021391	WASHER .500 FLAT 304 SS
23	4	05022021	PIN,COTTER .125 x 1
23	4	05022230	PIN .125 x 1.000 COTTER SS
24	2	00118605-A	BACKING BAR,CHUTE MTG,RDS/DVS,MS
24	2	00118605-B	BACKING BAR,CHUTE MTG,RDS/DVS,304
25	6	05010701	BOLT .500-13 x 4.00 G8 HHCS ZC
25	6	05017053	BOLT .500-13 x 4.00 HHCS SST
26	6	05020847	NUT .500-13 GC TOPLOCK C&W
26	6	05020908	NUT .500-13 NYLON LOCK 316 SST

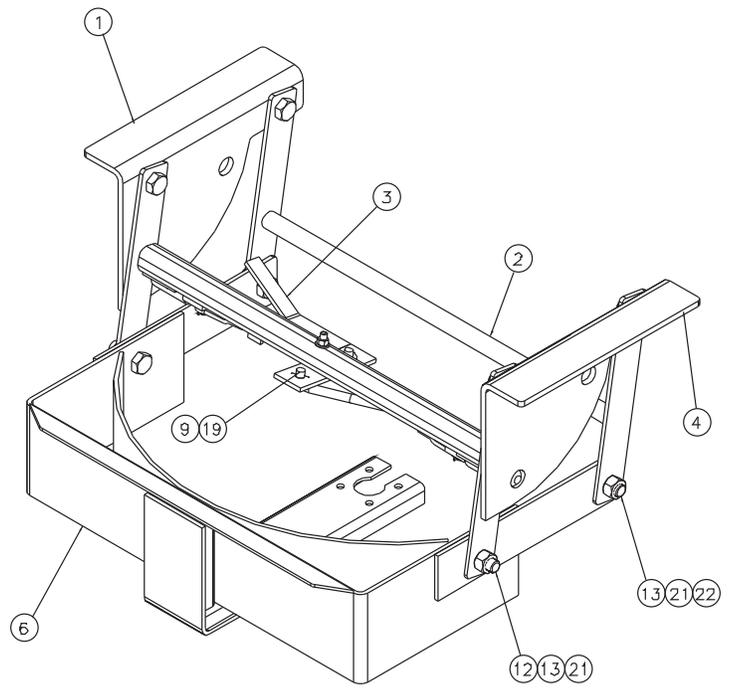
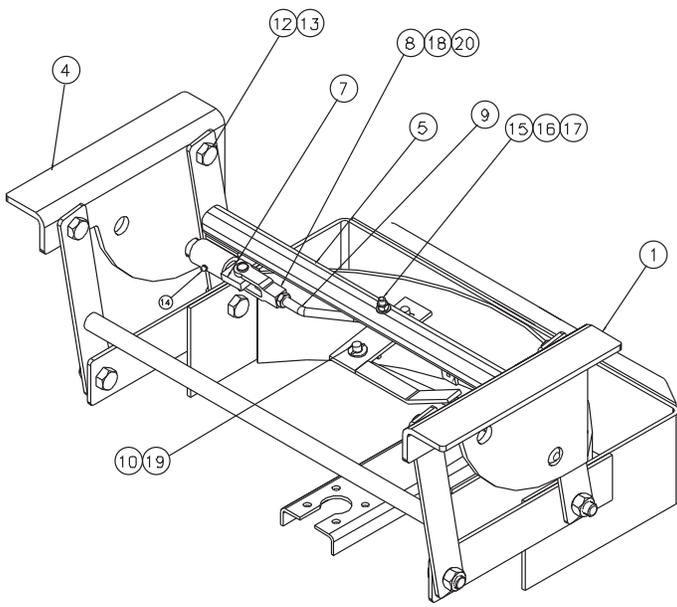


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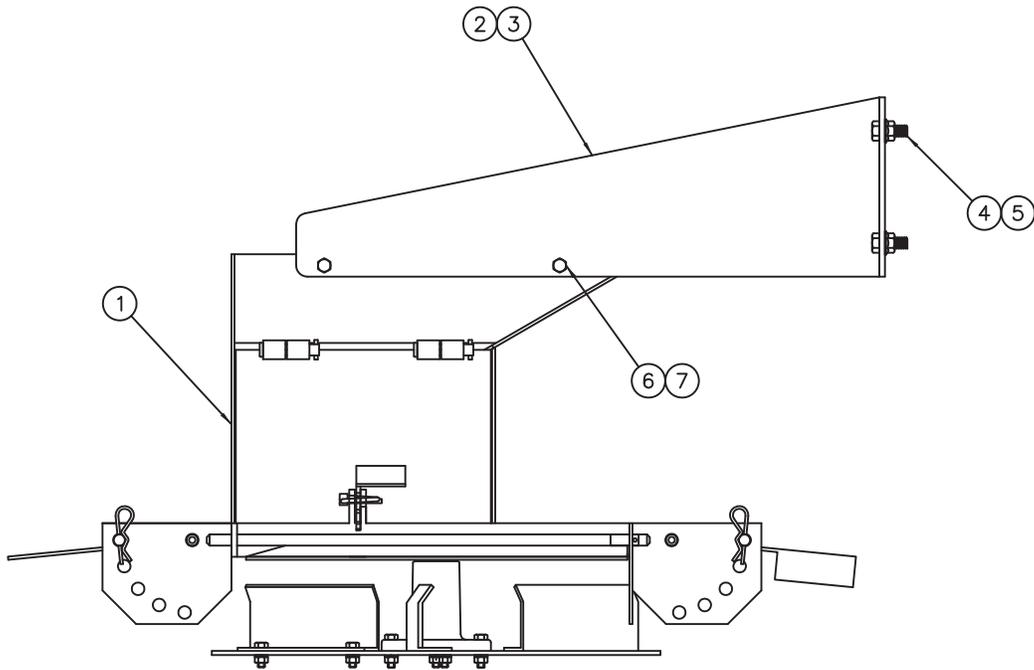
00059304 SPINNER ASSEMBLY, SWING UNDER

Item	Qty.	Part Number	Description
1	1	00032957-A 00032957-B	CHUTE ASSEMBLY, RDS, SWING UNDER, MS (See Page 127) CHUTE ASSEMBLY, RDS, SWING UNDER, SST
2	1	00077547-A 00077547-B 05050998	DISC ASSEMBLY, SPINNER, 24 CCW, MS (See Page 147) DISC ASSEMBLY, SPINNER, 24 CCW, 304 SPINNER DISC, 24" BLACK, MOLDED URETHANE
3	1	05051380	HUB, SPINNER ASSEMBLY, STD, SHORT, W/ SET SCREW
4	1	05006673	MOTOR, HYD, WHITE, 3.2 CI, 4B, 1" EXT (See Page 164)
5	4	05010645 05016162	BOLT, .375-16 X 1.50, G8, HHCS, ZINC BOLT, .375-16 X 1.50, HHCS, SST
6	5	05010620 05016140	BOLT, .313-18 X 1.5, G8, HHCS, ZINC BOLT, .313-18 X 1.5, HHCS, SST
7	4	05010619 05016139	BOLT, .313-18 X 1.25, G8, HHCS, ZINC BOLT, .313-18 X 1.25, HHCS, SST
8	4	05020265 05020855	NUT, .313-18, G8, HWX, ZINC NUT, .313-18, HEX, SST
9	4	05021365 05021392	WASHER, .375, LOCK, ZINC WASHER, .375, LOCK, SST
10	5	05021364 05021407	WASHER, .313, LOCK, ZINC WASHER, .313, LOCK, SST
11	5	05021306 05021404	WASHER, .313, FLAT, ZINC WASHER, .313, FLAT, SST
12	1	00122073	SEAL SAVER, MOTOR, SPINNER
13	1	05050288	GREASE ZERK, .250-28 STRAIGHT



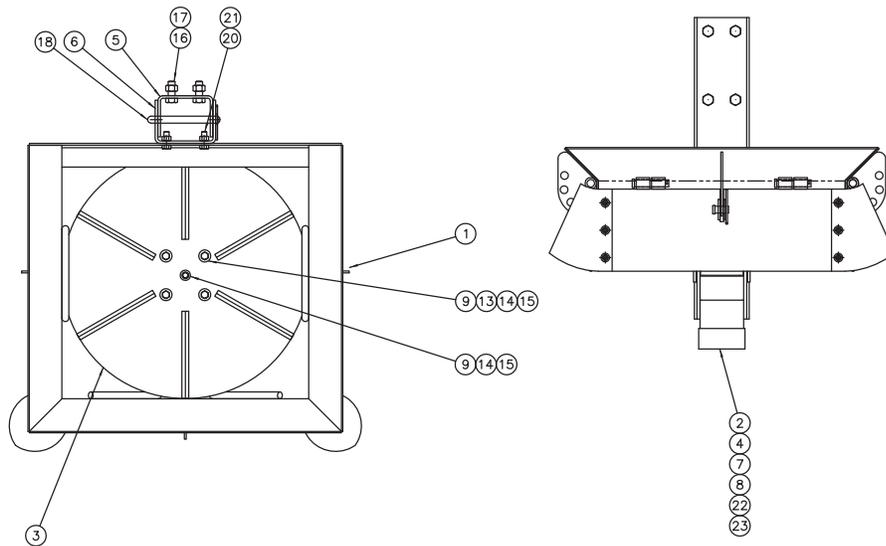
00032957 CHUTE ASSEMBLY, SWING UNDER

Item	Qty	Part Number	Description
1	1	00029551	RDS Control Bracket, RH
2	1	00029257-A	Handle Bar Weldment, MS
		00029257-B	Handle Bar Weldment, SST
3	1	00035022-A	Handle Weldment, Adjuster, MS
		00035022-B	Handle Weldment, Adjuster, SST
4	1	00029252	RDS Control Bracket, LH
5	1	00035008-A	Front Adjuster Weldment, MS
		00035008-B	Front Adjuster Weldment, SST
6	1	00035007-A	Spinner Shield Weldment, MS
		00035007-B	Spinner Shield Weldment, SST
7	2	00035013-A	Locking Pin Weldment, MS
		00035013-B	Locking Pin Weldment, SST
8	2	05022161	Clevis & Pin Kit
9	1	00035009	Control Bar, LH
10	1	00035010	Control Bar, RH
11	1	05035045	Spring, HD Extension
12	6	05010764	Bolt, 3/4-10 x 2, G8, HHCS, Zinc
		05016275	Bolt, 3/4-10 x 2, HHCS, SST
13	8	05020849	Nut, 3/4-10, GC, Top Lock, C&W
		05020905	Nut, 3/4-10, Nylon Lock, SST
14	2	05050288	Grease Zerk, 1/4-28, Straight, Threaded
15	1	05010649	Bolt, 3/8-16 x 2 1/2, G8, HHCS, Zinc
		05016166	Bolt, 3/8-16 x 2 1/2, HHCS, SST
16	1	05020898	Nut, 3/8-16, Top Lock, C&W
		05020891	Nut, 3/8-16, Nylon Lock, SST
17	1	05021307	Washer, 3/8, Flat, Zinc
		05021390	Washer, 3/8, Flat, SST
18	4	05022021	Pin, 1/8 x 1, Cotter
19	2	05021309	Washer, 1/2, Flat, Zinc
		05021391	Washer, 1/2, Flat, SST
20	2	05020120	Nut, 1/2-13, G2, Jam, Zinc
		05020908	Nut, 1/2-13, G2, Jam, SST
21	8	05021312	Washer, 3/4, Flat, Zinc
		05021302	Washer, 3/4, Flat, SST
22	2	05010762	Bolt, 3/4-10 x 1 1/2, G8, HHCS, Zinc
		05016275	Bolt, 3/4-10 x 2, HHCS, SST



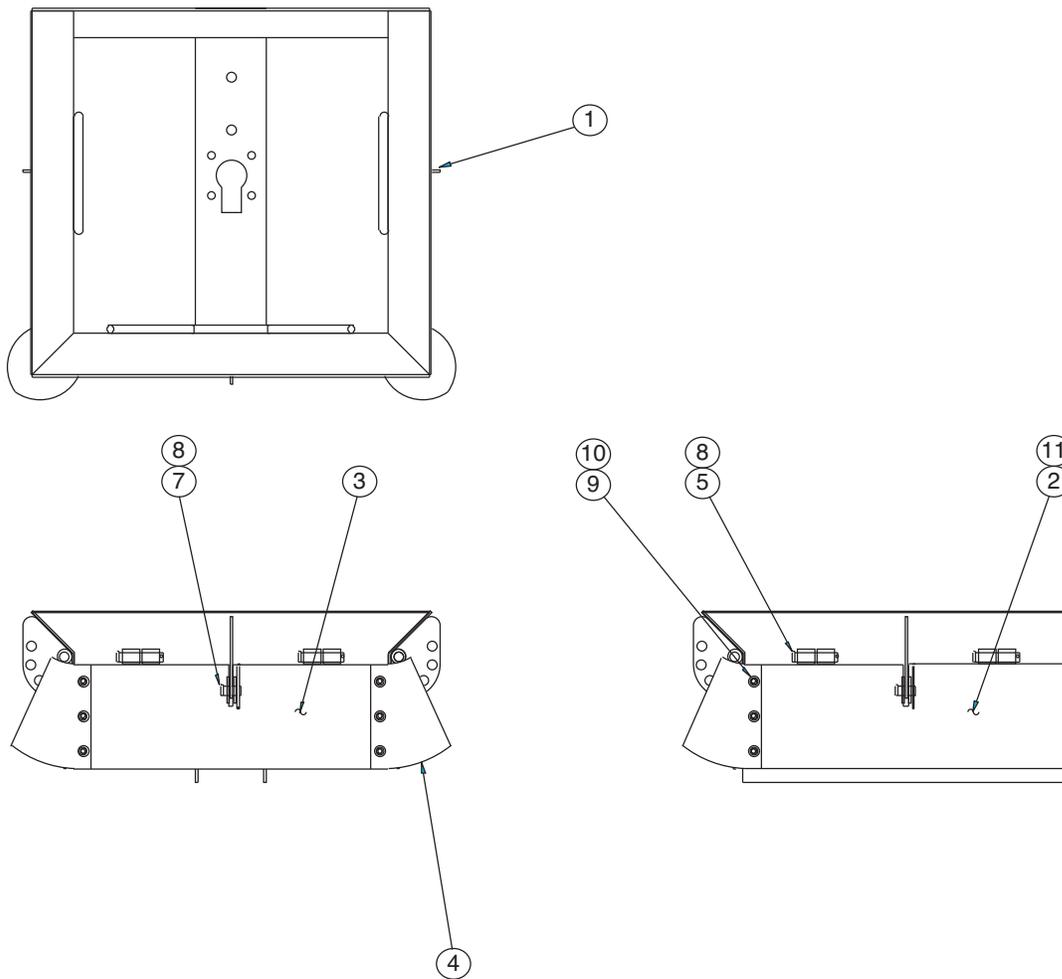
00059320 SPINNER ASSEMBLY, FRONT, CROSS CONVEYOR

Item	Qty	Part Number	Description
1	1	00141787-C	Spinner, AUSST w/ Poly Disc (See Page 133)
		00141787-D	Spinner, MS w/ MS Disc
		00141787-E	Spinner, 304SS w/ 304 SS Disc
		00141787-F	Spinner, AUSS w/ AUSST Disc
2	1	00045515-A	Mounting Plate, RH, MS
		00045515-B	Mounting Plate, RH, SST
3	1	00045516-A	Mounting Plate, LH, MS
		00045516-B	Mounting Plate, LH, SST
4	4	05010690	Bolt, ½-13 x 1¼, G8, HHCS, Zinc
		05016045	Bolt, ½-13 x 1¼, HHCS, SST
5	4	05020847	Nut, ½-13, GC, Top Lock, C&W
		05020908	Nut, ½-13, Nylon Lock, SST
6	4	05010644	Bolt, ⅜-16 x 1¼, G8, HHCS, Zinc
		05016049	Bolt, ⅜-16 x 1¼, HHCS, SST
7	4	05020898	Nut, ⅜-16, Top Lock, C&W
		05020891	Nut, ⅜-16, Nylon Lock, SST



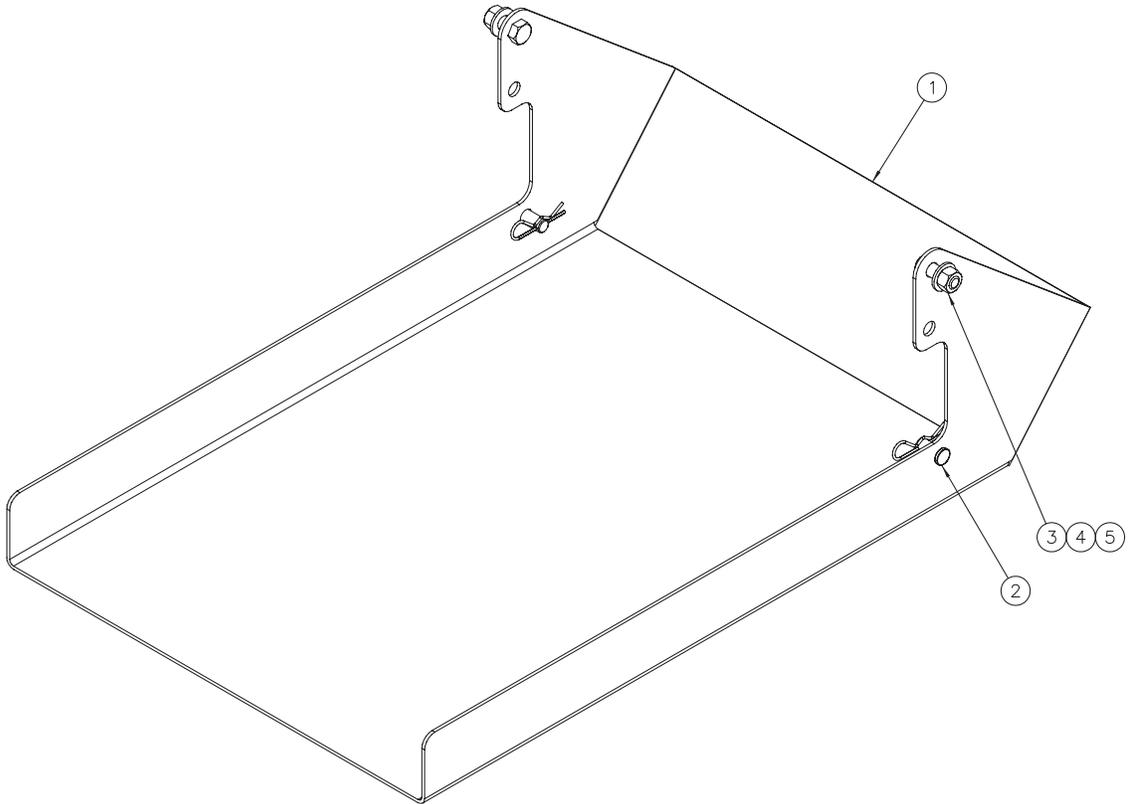
00050701 SPINNER ASSEMBLY, SIDE MOUNT

Item	Qty	Part Number	Description
1	1	00050702-A	Spinner Sub Assembly, MS (See Page 130)
		00050702-B	Spinner Sub Assembly, SST
2	1	05006673	Motor, Hydraulic, White, 3.2 CID, 1" Shaft (See Page 164)
3	1	05050071-B	Spinner Disc, 18" Poly, CCW
4	1	05051380	Hub, Spinner Assembly
5	1	00049698-A	Hanger Spinner, Side Mount, MS
		00049698-B	Hanger Spinner, Side Mount, SST
6	1	00050700-A	Mounting Plate, MS
		00050700-B	Mounting Plate, SST
7	4	05010645	Bolt, .375-16 x 1.50, G8, HHCS, Zinc
		05016162	Bolt, 3/8-16 x 1.5, HHCS, SST
8	4	05021365	Washer, 3/8, Lock, Zinc
		05021392	Washer, 3/8, Lock, SST
9	1	05010620	Bolt, 5/8 x 1 1/2, Zinc
		05016140	Bolt, 5/8 x 1 1/2, SST
13	4	05020265	Nut, 5/8-18, G8, Hex, Zinc
		05020907	Nut, 5/8-18, Hex, SST
14	5	05021306	Washer, 5/8, Flat, Zinc
		05021404	Washer, 5/8, Flat, SST
15	5	05021364	Washer, 5/8, Lock, Zinc
		05021407	Washer, 5/8, Lock, SST
16	4	05010691	Bolt, 1/2-13 x 1 1/2, GR, HHCS, Zinc
		05016096	Bolt, 1/2-13 x 1 1/2, HHCS, SST
17	4	05020847	Nut, 1/2-13, GC, Top Lock, C&W
		05020908	Nut, 1/2-13, Nylon Lock, SST
18	2	05022153	Pin, 1/2 x 5 3/4, Grip, Hitch
20	4	05010643	Bolt, 3/8-16 x 1, G8, HHCS, Zinc
		05016034	Bolt, 3/8-16 x 1, HHCS, SST
21	4	05020898	Nut, 3/8-16, GC, Top Lock, C&W
		05020891	Nut, 3/8-16, Nylon Lock, SST
22	1	00122073	Seal Saver, Motor, Spinner
23	1	05050288	Grease Zerk, .250-28 Straight



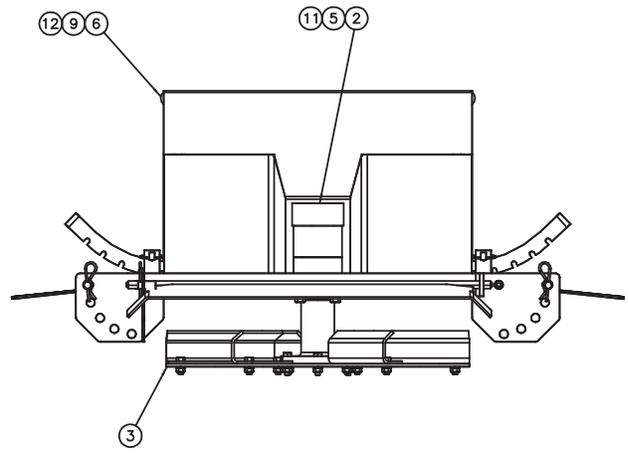
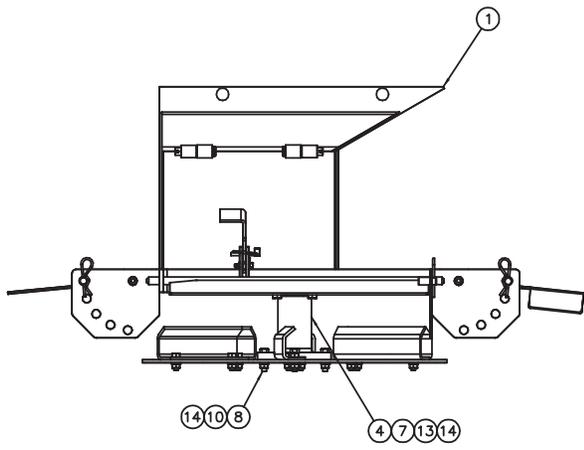
00050702 SPINNER SUB ASSEMBLY

Item	Qty	Part Number	Description
1	1	00049665-A	Spinner Weldment, MS
		00049665-B	Spinner Weldment, SST
2	1	00049660-A	Deflector Weldment, Side, RH, MS
		00049660-B	Deflector Weldment, Side, RH, SST
3	1	00049661-A	Deflector Weldment, Side, LH, MS
		00049661-B	Deflector Weldment, Side, LH, SST
4	2	05051087	Deflector Skirt
5	6	05022055	Pin, 1/2x 2 1/2, Clevis, Zinc
		05022069	Pin, 1/2x 2 1/2, Clevis, SST
6	6	05022072	Pin, .156 x 7/8, Roll, Zinc
7	3	05022083	Pin, 1/2x 1 1/2, Clevis, Zinc
		05022191	Pin, 1/2x 1 1/2, Clevis, SST
8	3	05022045	Pin, .072 x 1.562 x 3/8, Hair
9	12	05010593	Bolt, 1/4-20 x 1, G8, HHCS, Zinc
		05016040	Bolt, 1/4-20 x 1, HHCS, SST
10	12	05020536	Nut, 1/4-20, GC, Nylock, Zinc
		05020906	Nut, 1/4-20, Nylon Lock, SST
11	1	00051810-A	Deflector Weldment, Side, LH, MS
		00051810-B	Deflector Weldment, Side, LH, SST



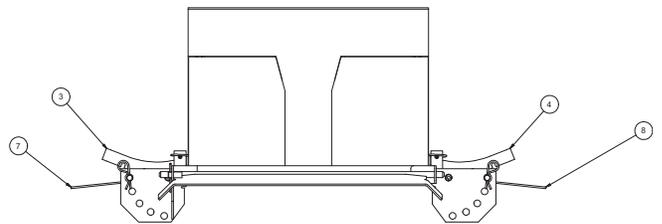
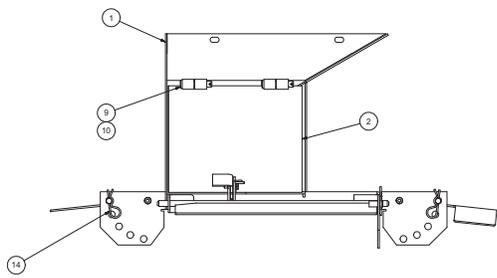
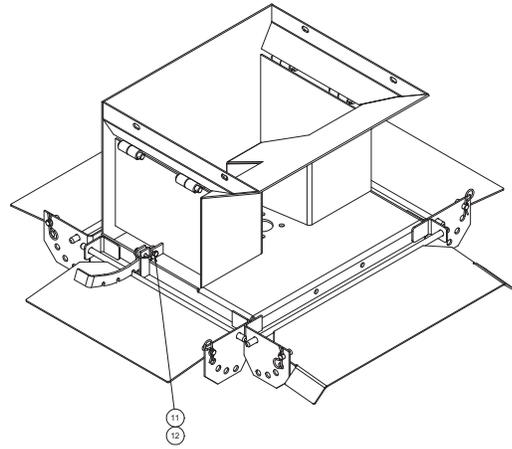
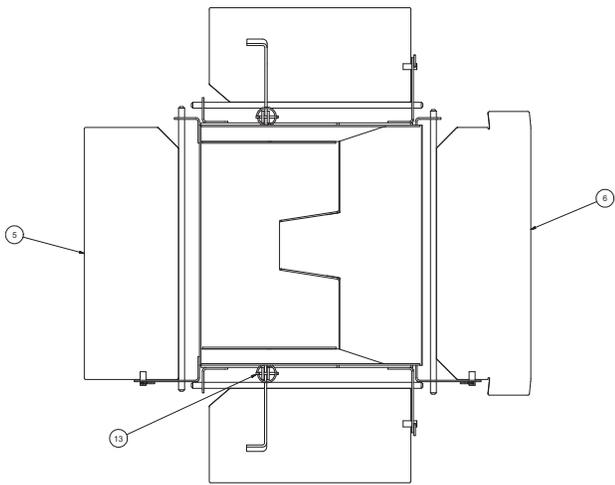
00078973 CHUTE KIT, CROSS CONVEYOR, TIP

Item	Qty	Part Number	Description
1	1	00078970-A	Chute Weldment, MS
		00078970-B	Chute Weldment, SST
2	2	05022096	Pin, Clevis, ½ x 1, Long
		05022157	Pin, Clevis, ½ x 1, Long, SS
3	2	05010690	Bolt, ½ -13 x ¼, G8, HHCS, Zinc
		05016045	Bolt, ½ -13 x ¼, HHCS, SST
4	2	05020847	Nut, ½ -13, GC, Top Lock, C&W
		05020908	Nut, ½ -13, Nylon Lock, SST
5	2	05021309	Washer, ½, Flat, Zinc
		05021391	Washer, ½, Flat, SST



00141787 SPINNER ASSEMBLY, LOWER

Item	Qty	Part Number	Description
1	1	00141784-A 00141784-B 00141784-C	CHUTE ASSEMBLY, LOWER, 10 GAUGE, MS (SEE PAGE 135) CHUTE ASSEMBLY, LOWER, 10 GAUGE, SST CHUTE ASSEMBLY, LOWER, 10 GAUGE, AUSST
2	1	05006673	MOTOR, HYDRAULIC, WHITE, 3.2 CID, 1" SHAFT (SEE PAGE 164)
3	1	00099404-A 00099404-B 00099404-C 00099404-E 05050794	SPINNER DISC ASSEMBLY, 20", MS (SEE PAGE 146) SPINNER DISC ASSEMBLY, 20", SST SPINNER DISC ASSEMBLY, 20", AR SPINNER DISC ASSEMBLY, 20", AUSST SPINNER DISC, 20" CCW, POLY
4	1	05050054	HUB SPINNER ASSEMBLY, EXT SFT, W/ SET SCREWS
5	4	05010642 05016050	BOLT, .375-16 X .875, G8, HHCS, ZINC BOLT, .375-16 X .875, HHCS, SST
6	4	05013986 05016003	BOLT, .375-16 X 1, G5, CARRIAGE, ZINC BOLT, .375-16 X 1, CARRIAGE, SST
7	1	05010630 05016150	BOLT, .313-18 X 4, G8, HHCS, ZINC BOLT, .313-18 X 4, HHCS, SST
8	4	05010620 05016140	BOLT, .313-18 X 1.5, G8, HHCS, ZINC BOLT, .313-18 X 1.5, HHCS, SST
9	4	05020898 05020891	NUT, .375-16, GC, TOP LOCK,C&W NUT, .375-16, NYLON LOCK, 316 SST
10	4	05020265 05020855	NUT, .313-18, G8, HEX, ZINC NUT, .313-18, HEX, SST
11	4	05021365 05021392	WASHER, .375, LOCK, ZINC WASHER, .375, LOCK, SST
12	4	05021307 05021390	WASHER, .375, FLAT, ZINC WASHER, .375, FLAT, SST
13	5	05021306 05021404	WASHER, .313, FLAT, ZINC WASHER, .313, FLAT, SST
14	5	05021364 05021407	WASHER, .313, LOCK, ZINC WASHER, .313, LOCK, SST

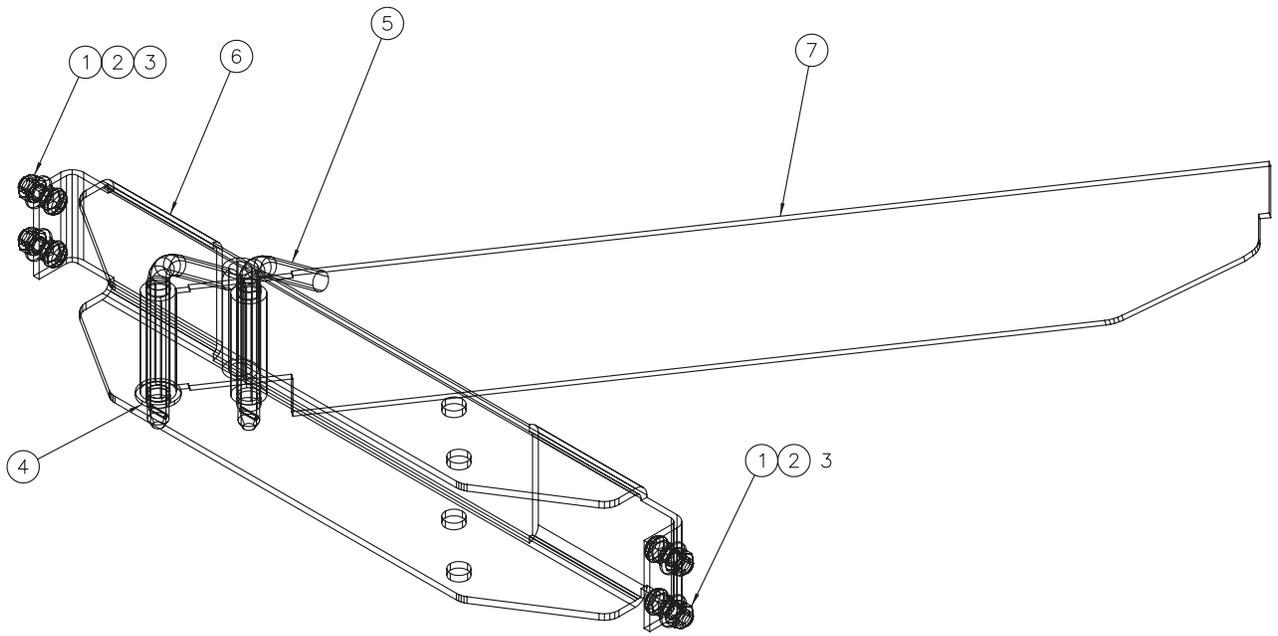


00141784 CHUTE ASSEMBLY, LOWER

Item	Qty	Part Number	Description
1	1	00062116-A 00062116-B 00062116-G	Deflector Weldment, Rear, 10 Gauge, MS Deflector Weldment, Rear, 10 Gauge, SST Deflector Weldment, Rear, 10 Gauge, Ausst
2	4	05022035	Hair Pin
3	2	00141788-A 00141788-B 00141788-C	Restrictor Gate, 10 Gauge, MS Restrictor Gate, 10 Gauge, SST Restrictor Gate, 10 Gauge, AUSST
4	2	05022106	Pin, Lynch, 3/16
5	4	05022055 05022069	Pin, Clevis, 1/2 x 2 1/2, MS Pin, Clevis, 1/2 x 2 1/2, SS
6	4	05022072	Pin, Roll, .156 x 7/8
7	2	05010593 05016040	Bolt, 1/4-20 x 1, G8, HHCS, Zinc Bolt, 1/4-20 x 1, HHCS, SST
8	2	05020899 05020906	Nut, 1/4-20, GC, Top Lock, C&W Nut, 1/4-20, Nylon Lock, SST
9	1	00141773-A 00141773-B 00141773-C	Spinner Weldment, 10 Gauge, MS Spinner Weldment, 10 Gauge, SST Spinner Weldment, 10 Gauge, Corten
10	1	00062127-A 00062127-B 00062127-G	Deflector Weldment, Front, 10 Gauge, MS Deflector Weldment, Front, 10 Gauge, SST Deflector Weldment, Front, 10 Gauge, AUSST
11	1	00062104-A 00062104-B 00062104-H	Deflector Weldment, RH, 10 Gauge, MS Deflector Weldment, RH, 10 Gauge, SST Deflector Weldment, RH, 10 Gauge, AUSST
12	1	00028011-A 00028011-B 00028011-O	Gate Adjusting Bar, RH, MS Gate Adjusting Bar, RH, SST Gate Adjusting Bar, RH, Corten
13	1	00028012-A 00028012-B 00028012-D	Gate Adjusting Bar, LH, MS Gate Adjusting Bar, LH, SST Gate Adjusting Bar, LH, Corten
14	1	00062101-A 00062101-B 00062101-H	Deflector Weldment, LH, 10 Gauge, MS Deflector Weldment, LH, 10 Gauge, SST Deflector Weldment, LH, 10 Gauge, Corten
15	4	05022035	Pin, #11, Hair, Zinc

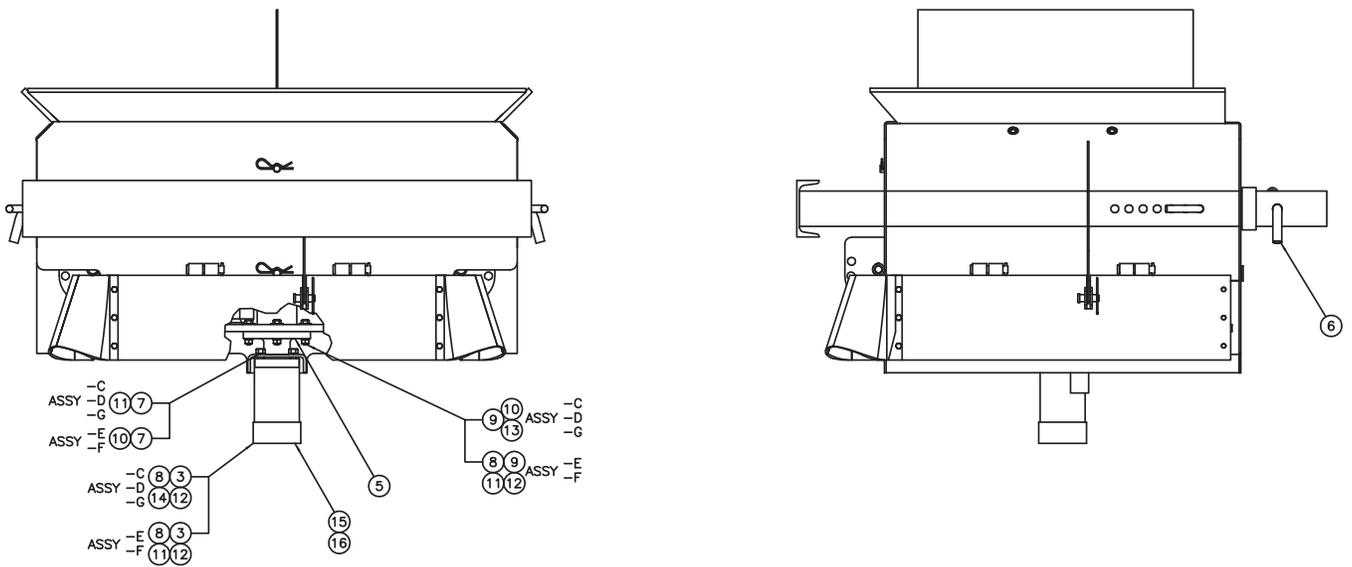
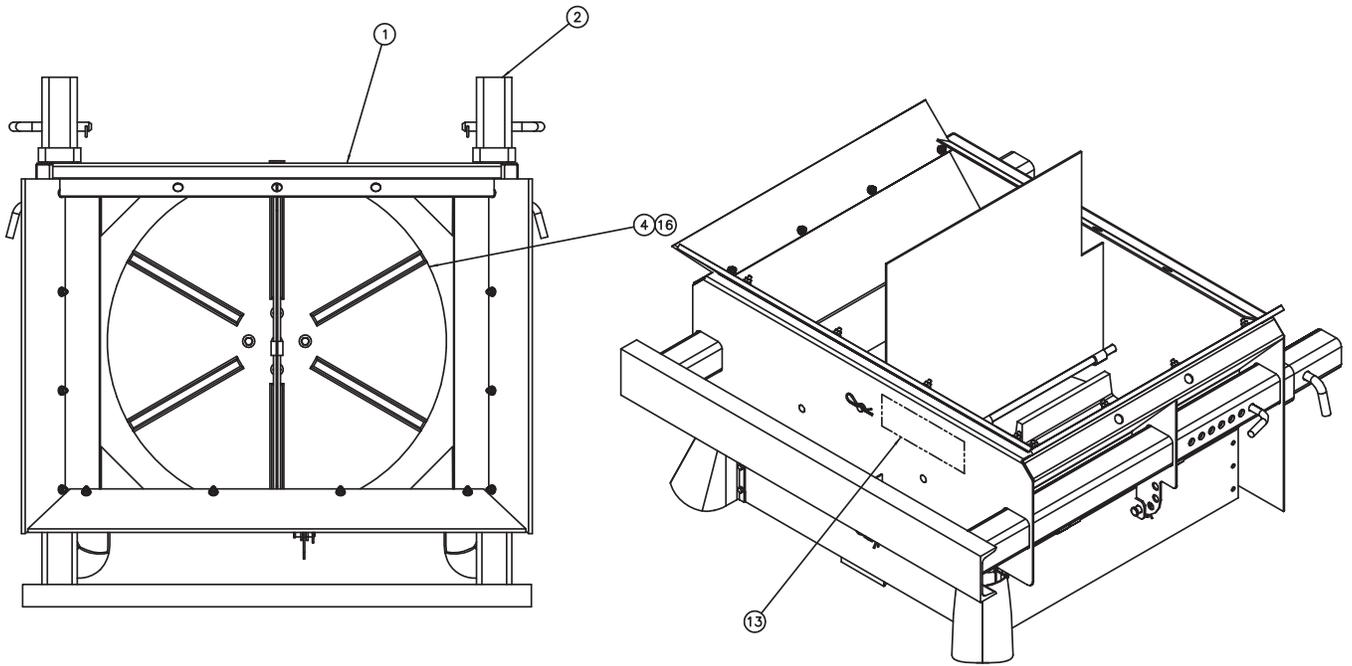
00098523 SPINNER ASSEMBLY, RDS, CROSS CONVEYOR

Item	Qty.	Part Number	Description
1	1	00067110-A 00067110-B 00067110-C	SPINNER WELDMENT, RDS, CROSS CONVEYOR, MS SPINNER WELDMENT, RDS, CROSS CONVEYOR, SST SPINNER WELDMENT, RDS, CROSS CONVEYOR, AUSST
2	1	05006673	MOTOR, HYD, WHITE, 3.2CI, 4B, 1" EXT (See Page 164)
3	1	05052925 00099401-B 00099401-D	DISC SPINNER 18" STRAIGHT FINS SPINNER DISC ASSEMBLY, 18 CCW, 304 SPINNER DISC ASSEMBLY, 18 CCW, AUSST
4	1	05050054	HUB, SPINNER ASSEMBLY, EXT SFT
5	4	05010645 05016162	BOLT, .375-16 X 1.50, G8, HHCS, ZINC BOLT, .375-16 X 1.50, HHCS, SST
6	4	05013986 05016003	BOLT, .375-16 X 1, G5, CARRIAGE, ZINC BOLT, .375-16 X 1, CARRIAGE, SST
7	1	05010630 05016150	BOLT, .313-18 X 4, G8, HHCS, ZINC BOLT, .313-18 X 4, HHCS, SST
8	4	05010620 05016140	BOLT, .313-18 X 1.50, G8, HHCS, ZINC BOLT, .313-18 X 1.50, HHCS, SST
9	4	05020898 05020891	NUT, .375-16, GC, TOP LOCK, C&W NUT, .375-16 NYLON LOCK, 316 SST
10	4	05020265 05020855	NUT, .313-18, G8, HEX, ZINC NUT, .313-18, HEX, SS
11	4	05021307 05021390	WASHER, .375, FLAT, ZINC WASHER, .375, FLAT, SAE SS
12	4	05021365 05021392	WASHER, .375, LOCK, ZINC WASHER, .375, LOCK, SS
13	5	05021306 05021404	WASHER, .313, FLAT, ZINC WASHER, .313, FLAT, SS
14	5	05021364 05021407	WASHER, .313, LOCK, ZINC WASHER, .313, LOCK, SS
15	1	05051402	DECAL, 8.25" X 2.75" WARNING
16	1	00122073	SEAL SAVER, MOTOR, SPINNER
17	1	05050288	GREASE ZERK, .250-28 STRAIGHT THREADED



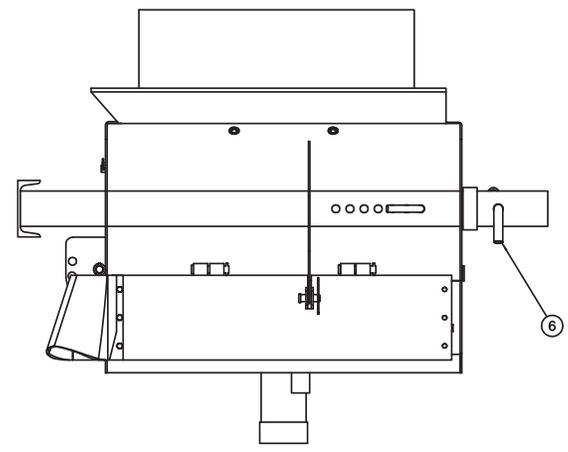
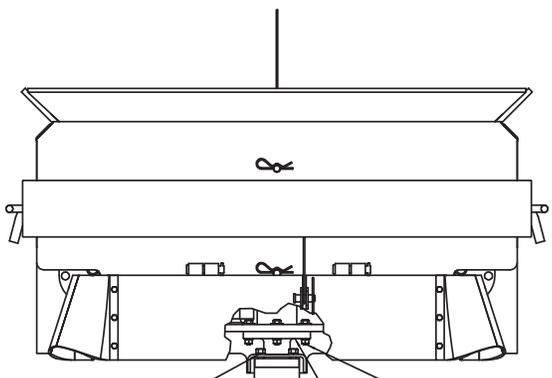
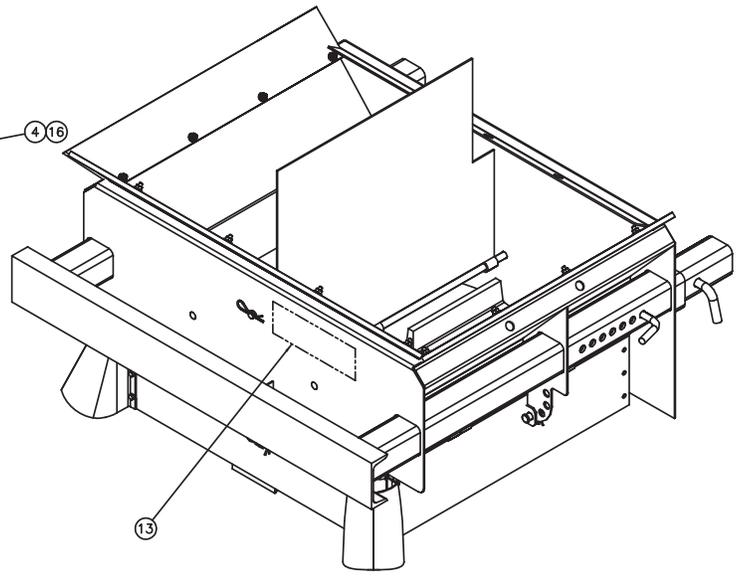
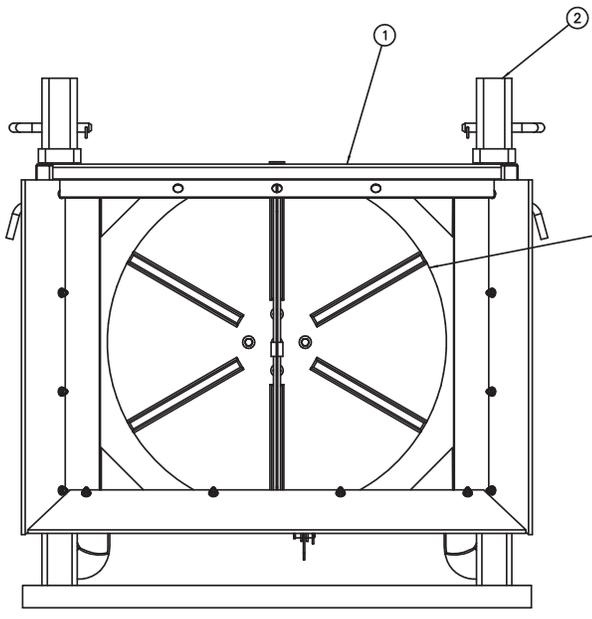
00067134 DIVERTER KIT

Item	Qty	Part Number	Description
1	4	05013986	Bolt, 3/8-16 x 1, G5, Carriage, Zinc
		05016003	Bolt, 3/8-16 x 1, Carriage, SST
2	4	05020898	Nut, 3/8-16, Top Lock, C&W
		05020891	Nut, 3/8-16, Nylon Lock, SST
3	4	05021307	Washer, 3/8, Flat, Zinc
		05021390	Washer, 3/8, Flat, SST
4	1	05021309	Washer, 1/2, Flat, Zinc
		05021391	Washer, 1/2, Flat, SST
5	2	05022136	Pin, 1/2 x 4 1/2, 4" Grip Bent
6	1	00067129-A	Adjuster Body, MS
		00067129-B	Adjuster Body, SST
		00067129-C	Adjuster Body, AUSST
7	1	00067131-A	Diverter Weldment, MS
		00067131-B	Diverter Weldment, SST
		00067131-C	Diverter Weldment, AUSST



**00053094 SPINNER ASSEMBLY, RECEIVER TUBE MOUNT,
W/ DIVERTER, MILDSTEEL AND STAINLESS STEEL SPINNER DISC**

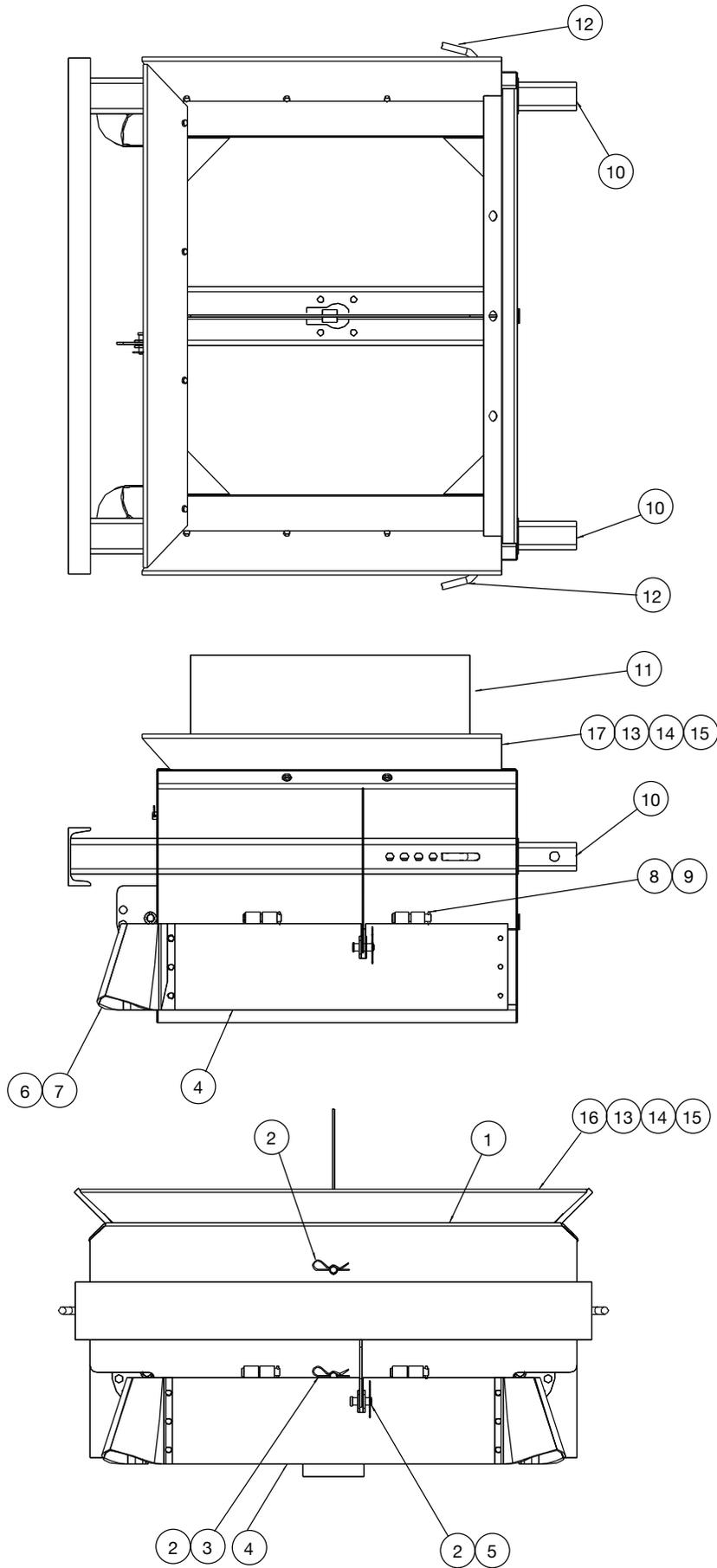
Item	Qty	Part Number	Description
1	1	00053095-A	CHUTE ASSEMBLY, SPINNER, MS (SEE PAGE 143)
		00053095-B	CHUTE ASSEMBLY, SPINNER, SST
		00053095-C	CHUTE ASSEMBLY, SPINNER, AUSST
2	2	05050700	TUBE, RECEIVER, 2" X 2" X 6" LONG, MS
3	1	05006673	MOTOR, HYDRAULIC, WHITE, 3.2 CID, 1" SHAFT (SEE PAGE 164)
4	1	00077547-A	SPINNER DISC ASSEMBLY, 24, MS (SEE PAGE 147)
		00077547-B	SPINNER DISC ASSEMBLY, 24, SST
		00077547-D	SPINNER DISC ASSEMBLY, 24" AUSST
5	1	05051380	HUB SPINNER ASSEMBLY
6	2	05022155	PIN, .625 X 6" BENT, ZINC
7	4	05010645	BOLT, .375-18 X 1.50, G8, HHCS, ZINC
		05016162	BOLT, .375-16 X 1.50, HHCS, SST
8	1	05010618	BOLT, .313-18 X 1, G8, HHCS, ZINC
		05016138	BOLT, .313-18 X 1, HHCS, SST
9	4	05010619	BOLT, .312-18 X 1.25, G8, HHCS, ZINC
		05016139	BOLT, .313-18 X 1.25, HHCS, SST
10	4	05020265	NUT, .313-18, G8, HWX, ZINC
		05020855	NUT, .313-18, HEX, SST
11	4	05021365	WASHER, .375, LOCK, ZINC
		05021392	WASHER, .375, LOCK, SST
12	1	05021306	WASHER, .313, FLAT, ZINC
		05021404	WASHER, .313, FLAT, SST
13	1	05051402	DECAL, 8.25" X 2.75" WARNING
14	5	05021364	WASHER, .313, LOCK, ZINC
		05021407	WASHER, .313, LOCK, SST
15	1	00122073	SEAL SAVER, MOTOR, SPINNER
16	1	05050288	GREASE FITTING, .250-28 UNF, ST



- C ASSY (1) (7)
- D
- E ASSY (10) (7)
- F
- C (8) (3)
- D ASSY (14) (12)
- E (8) (3)
- F ASSY (11) (12)
- (9) (10) ASSY -C
- (13) -D
- (8) (9) ASSY -E
- (11) (12) -F

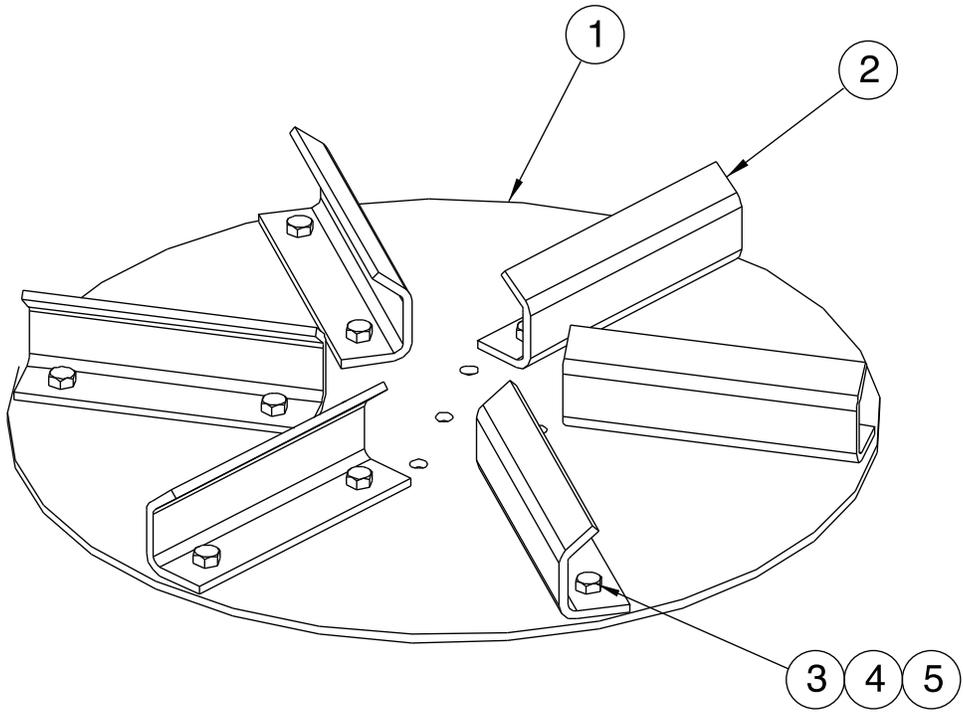
**00053094 SPINNER ASSEMBLY, RECEIVER TUBE MOUNT,
W/ DIVERTER, URETHANE SPINNER DISC**

Item	Qty	Part Number	Description
1	1	00053095-A	CHUTE ASSEMBLY, SPINNER, MS (SEE PAGE 143)
		00053095-B	CHUTE ASSEMBLY, SPINNER, SST
2	2	05050700	TUBE, RECEIVER, 2" X 2" X 6" LONG, MS
3	1	05006673	MOTOR, HYDRAULIC, WHITE, 3.2 CID, 1" SHAFT (SEE PAGE 164)
4	1	05050998	SPINNER DISC, 24" MOLDED URETHANE (See Page 149)
5	1	05051380	HUB SPINNER ASSEMBLY
6	2	05022155	PIN, .625 X 6" BENT, ZINC
7	4	05010645	BOLT, .375-18 X 1.50, G8, HHCS, ZINC
		05016162	BOLT, .375-16 X 1.50, HHCS, SST
8	1	05010618	BOLT, .313-18 X 1, G8, HHCS, ZINC
		05016138	BOLT, .313-18 X 1, HHCS, SST
9	4	05010619	BOLT, .312-18 X 1.25, G8, HHCS, ZINC
		05016139	BOLT, .313-18 X 1.25, HHCS, SST
10	4	05020265	NUT, .313-18, G8, HWX, ZINC
		05020855	NUT, .313-18, HEX, SST
11	4	05021365	WASHER, .375, LOCK, ZINC
		05021392	WASHER, .375, LOCK, SST
12	1	05021306	WASHER, .313, FLAT, ZINC
		05021404	WASHER, .313, FLAT, SST
13	1	05051402	DECAL, 8.25" X 2.75" WARNING
14	5	05021364	WASHER, .313, LOCK, ZINC
		05021407	WASHER, .313, LOCK, SST
15	1	00122073	SEAL SAVER, MOTOR, SPINNER
16	1	05050288	GREASE FITTING, .250-28 UNF, ST



00053095 CHUTE ASSEMBLY, SPINNER

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	00053096-A	CHUTE WLDMT,RDS,MS
1	1	00053096-B	CHUTE WLDMT,RDS,304
1	1	00053096-C	CHUTE WLDMT,RDS,AUSST
2	5	05022035	PIN #11 HAIR ZC
3	1	00067174-A	ROTATION ROD WLDMT,RDS,SPINNER
3	1	00067174-B	ROTATION ROD WLDMT,RDS,SPINNER
4	3	00053098-A	DEFLECTOR WLDMT,RDS,MS
4	3	00053098-B	DEFLECTOR WLDMT,RDS,304
4	3	00053098-C	DEFLECTOR WLDMT,RDS,AUSST
5	3	05022083	PIN .500 x 1.50 CLEVIS
5	3	05022191	PIN .5 x 1.5 CLEVIS SS
6	2	05051087	DEFLECTOR SKIRT,INCL GROMMETS
7	12	05016952	MONOBOLT 1/4" .350/.625 GRIP
8	6	05022055	PIN .500 x 2.50 CLEVIS ZC
8	6	05022069	PIN .50 x 2.5 CLEVIS SS
9	6	05022072	PIN .156 x .875 ROLL ZC
10	2	00058106-A	MOUNTING TUBE,PINTLE PL,MS
10	2	00058106-B	MOUNTING TUBE,PINTLE PL,304
11	1	00067148-A	DEFLECTOR WLDMT,RDS,MS
11	1	00067148-B	DEFLECTOR WLDMT,RDS,304
11	1	00067148-C	DEFLECTOR WLDMT,RDS,AUSST
12	2	05022136	PIN .500 x 4.500 4"GRIP BENT ZC
12	2	00015941	PIN ASSY,.500 x 4.500 4"GRIP BENT SST
13	12	05010593	BOLT .250-20 x 1.000 G8 HHCS ZC
13	12	05016040	BOLT .250-20 x 1.000 HHCS SST
14	12	05021305	WASHER .250 FLAT ZC
14	12	05021403	WASHER .250 FLAT SST
15	12	05020899	NUT .250-20 TOPLOCK ZC
15	12	05020906	NUT .250-20 NYLON LOCK 316 SST
16	1	00067176	FR CHUTE PNL,POLY
17	2	00067175	SIDE CHUTE PNL,POLY

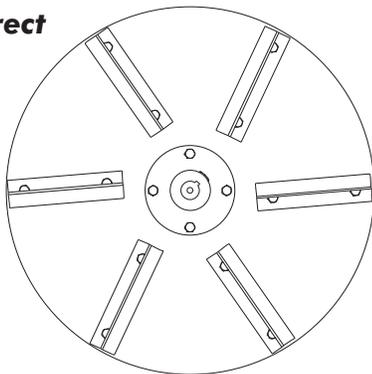


00099401 SPINNER ASSEMBLY, CCW 18 DIA

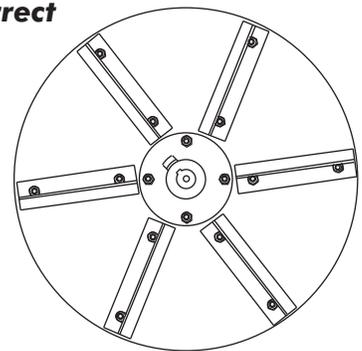
Item	Qty	Part Number	Description
1	1	00080420-A	Disc, Spinner, 18", MS
		00080420-B	Disc, Spinner, 18", 304 SST
		00080420-E	Disc, Spinner, 18", AUSST
2	6	00080425-A	Flite Spinner, MS
		00080425-B	Flite Spinner, SST
		00080425-D	Flite Spinner, AUSST
3	12	05010617	Bolt, $\frac{5}{16}$ -18 x $\frac{7}{8}$, G8, HHCS, Zinc
		05018137	Bolt, $\frac{5}{16}$ -18 x $\frac{7}{8}$, HHCS, SST
4	12	05020265	Nut, $\frac{5}{16}$ -18, G8, Hex, Zinc
		05020855	Nut, $\frac{5}{16}$ -18, Hex, SST
5	12	05021364	Washer, $\frac{5}{16}$, Lock, Zinc
		05021407	Washer, $\frac{5}{16}$, Lock, SST

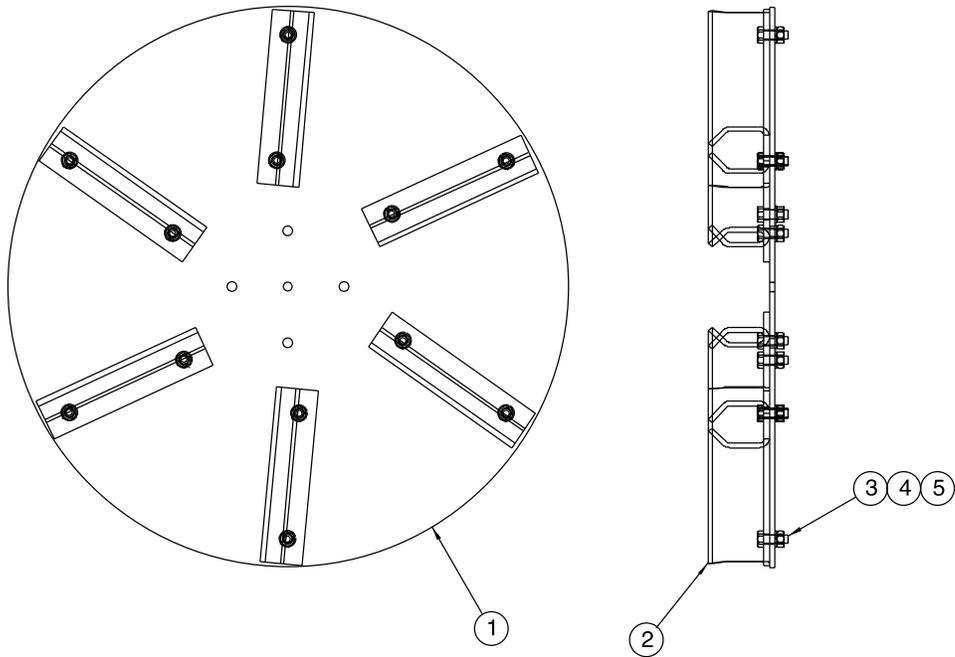
For proper assembly of a clockwise rotation spinner disc, disassemble, flip disc and rebuild on bottom side.

Incorrect

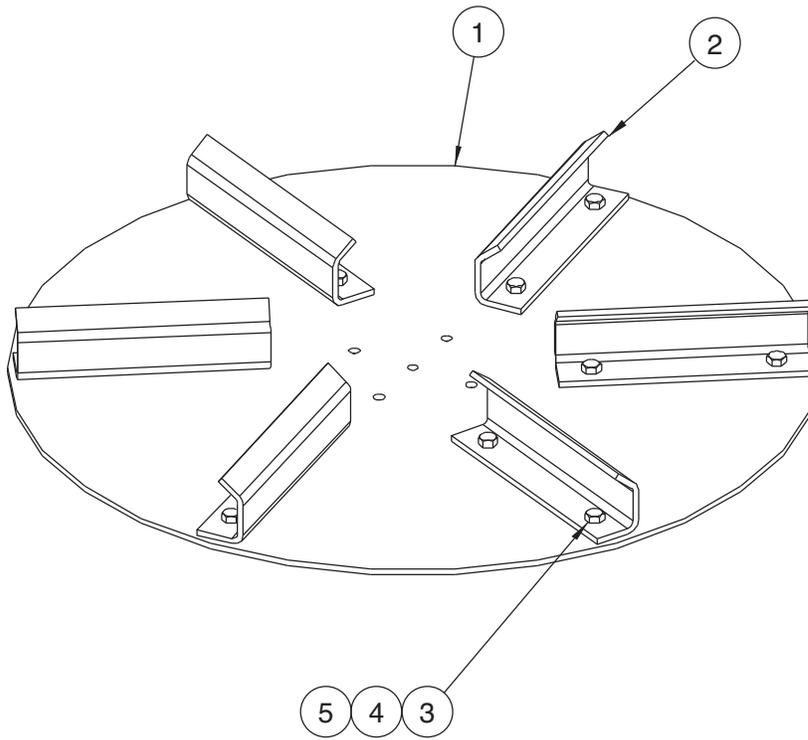


Correct



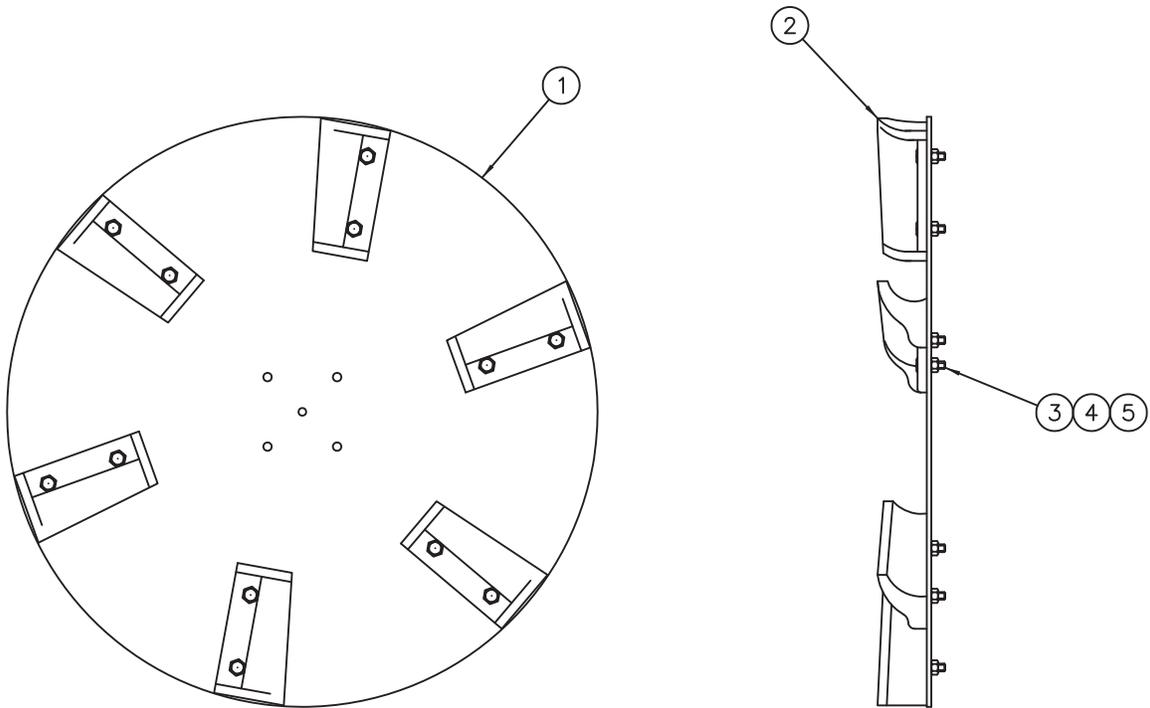


00099404 DISC ASSEMBLY, SPNR, 20, CCW			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	00062012-A	DISC,SPINNER,20,MS,.188
		00062012-B	DISC,SPINNER,20,304,7GA
		00062012-C	DISC,SPINNER,20,AR,.188
		00062012-D	DISC,SPINNER,20,COR-TEN,.188
		00062012-E	DISC,SPINNER,20,AUSST,7GA
		00062012-F	DISC,SPINNER,20,409,7GA
		00062012-G	DISC,SPINNER,20,EXTEN,.188
2	6	00080425-A	FLIGHT,DISC,SPNR,MS,.188
		00080425-B	FLIGHT,DISC,SPNR,304,7GA
		00080425-B	FLIGHT,DISC,SPNR,304,.188
		00080425-C	FLIGHT,DISC,SPNR,CORTEN,.188
		00080425-D	FLIGHT,DISC,SPNR,AUSST,7GA
		00080425-E	FLIGHT,DISC,SPNR,409,7GA
		00080425-H	FLIGHT,DISC,SPNR,EXTEN,.188
3	12	05010617	BOLT .313-18x.875 G8 HHCS ZC
		05016137	BOLT .313-18x.875 HHCS SST
		05010617	BOLT .313-18x.875 G8 HHCS ZC
		05010617	BOLT .313-18x.875 G8 HHCS ZC
		05016137	BOLT .313-18x.875 HHCS SST
		05016137	BOLT .313-18x.875 HHCS SST
		05010617	BOLT .313-18x.875 G8 HHCS ZC
4	12	05020265	NUT .313-18 G6 HEX ZC
		05020855	NUT .313-18 HEX SST
5	12	05021364	WASHER .313 LOCK ZC
		05021407	WASHER .313 LOCK SST



00099406 SPINNER DISC ASSEMBLY
00077547 SPINNER DISC ASSEMBLY, 24" LONG HUB

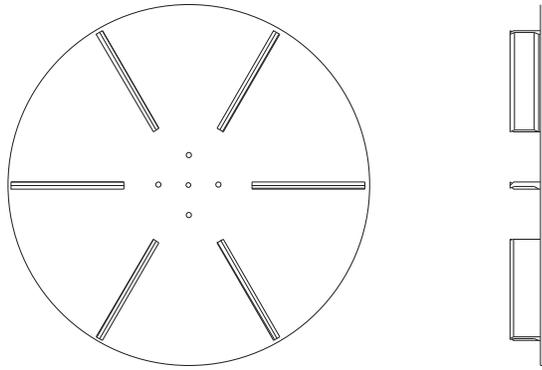
Item	Qty	Part Number	Description
1	1	00010642-A	Disc, Spinner, 24, MS
		00010642-B	Disc, Spinner, 24, 304
		00010642-D	Disc, Spinner, 24, AR
2	6	00010641-A	Flite, Spinner, MS
		00010641-B	Flite, Spinner, SST
3	12	05010617	Bolt, $\frac{5}{16}$ -18 x $\frac{7}{8}$, G8, HHCS, Zinc
		05016137	Bolt, $\frac{5}{16}$ -18 x $\frac{7}{8}$, HHCS, SST
4	12	05020265	Nut, $\frac{5}{16}$ -18, G8, Hex, Zinc
		05020855	Nut, $\frac{5}{16}$ -18, Hex, SST
5	12	05021364	Washer, $\frac{5}{16}$, Lock, Zinc
		05021407	Washer, $\frac{5}{16}$, Lock, SST



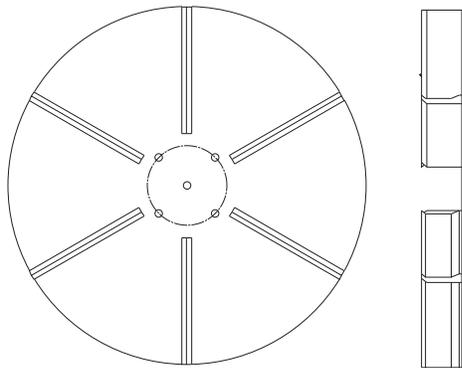
00099407 DISC SPINNER ASSEMBLY, 24"

Item	Qty	Part Number	Description
1	1	00043767-A	Disc, Spinner, 24", MS
		00043767-B	Disc, Spinner, 24", MS
2	6	05052849	Cast Spinner Fin
3	12	05020266	Nut, .375-16, G8, Hex, Zinc
		05020842	Nut, .375-16, Hex, SST
4	12	05021365	Washer, .375, Lock, Zinc
		05021392	Washer, .375, Lock, SST
5	12	05010643	Bolt, .375-18 x 1, G8, Zinc
		05016034	Bolt, .375-18 x 1, G8, SST

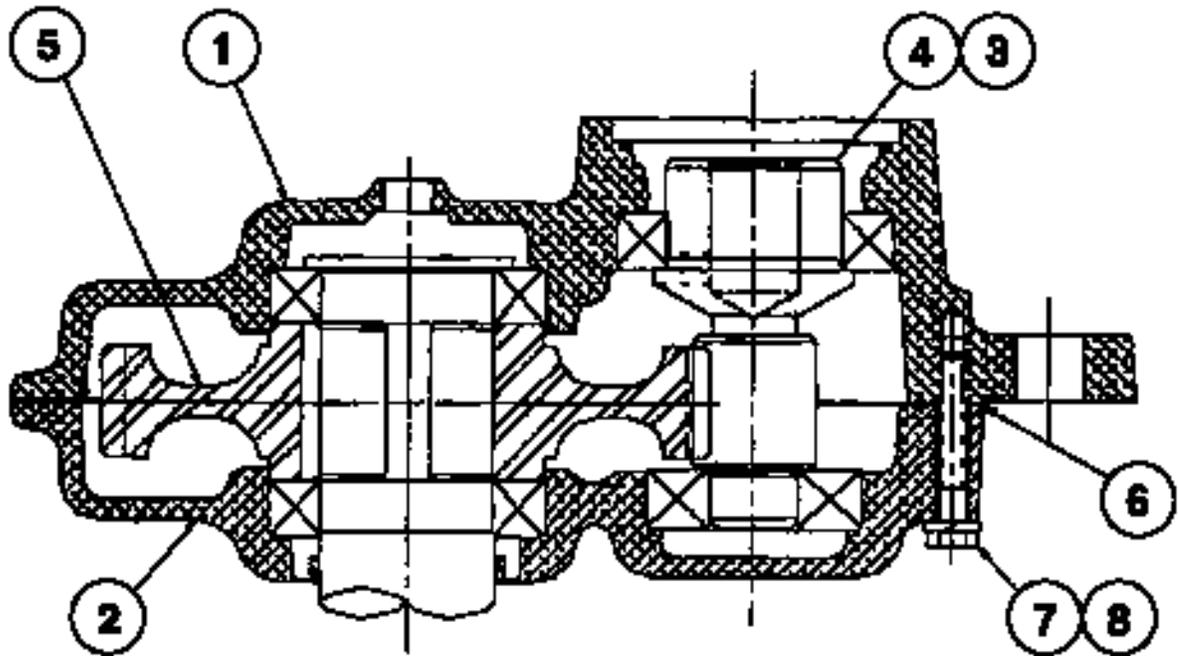
05050998 SPINNER DISC, 24" POLY MOLDED URETHANE



05050071-B SPINNER DISC, 18, POLY, CCW
05052925 SPINNER DISC, 18, STRIGHT FIN, POLY



05051148 GEARBOX ASSEMBLY, 6:1

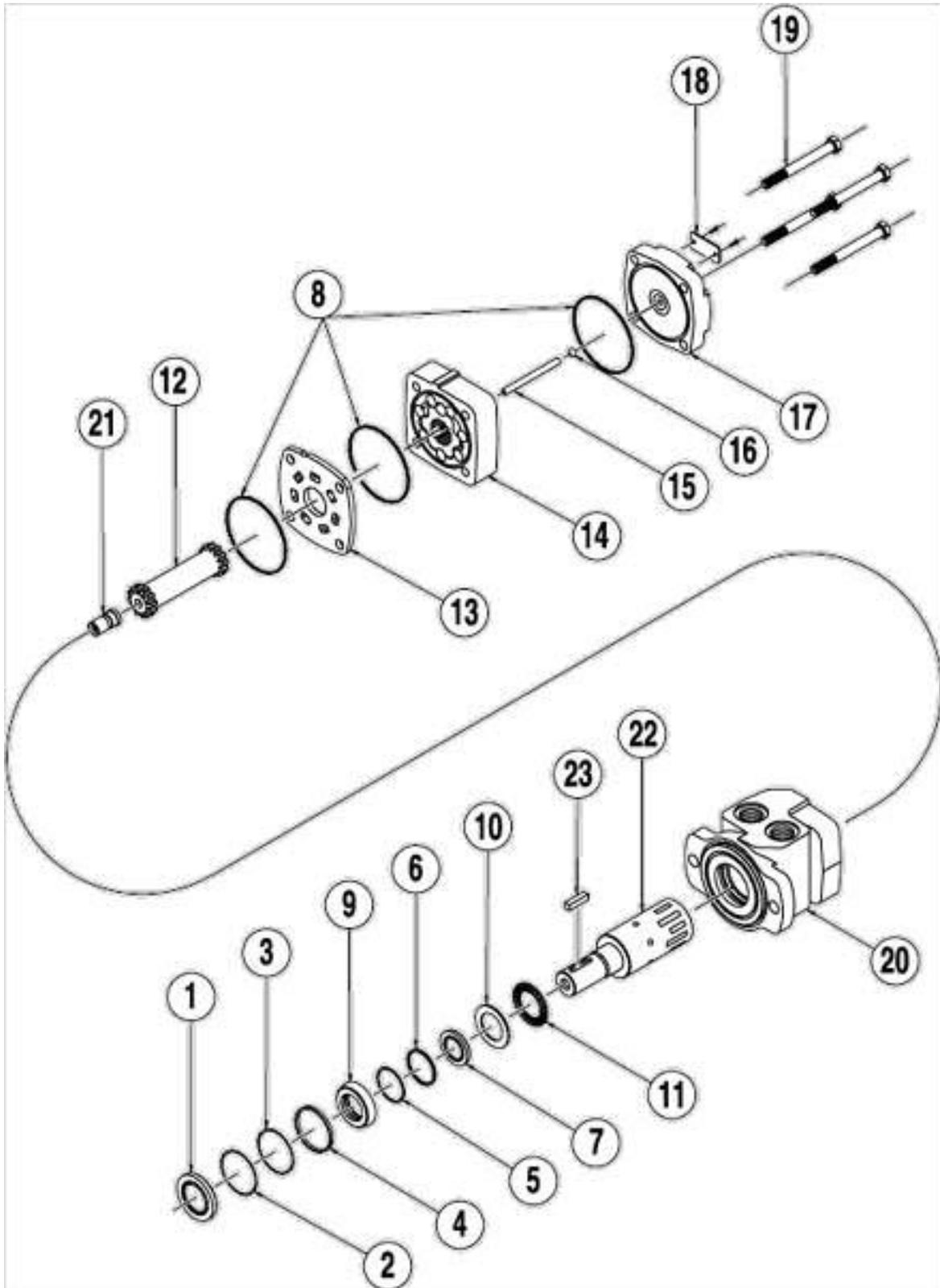


GEARBOX ASSEMBLY PARTS LIST

ITEM	QTY	PART #	DESCRIPTION
1	1	05007221	Casting Assembly, Outboard, RCS
2	1	05007222	Casting Assembly, Inboard
3	1	05007138	Plug, Delrin
4	1	05007223	Gear, Pinion
5	1	05007139	Gear, Driven
6	1	05007224	Gasket, Standard
7	9	05007149	Washer, Lock
8	9	05007220	Screw, Cap
--	1	05053217	O-Ring

LEFT INTENTIONALLY BLANK

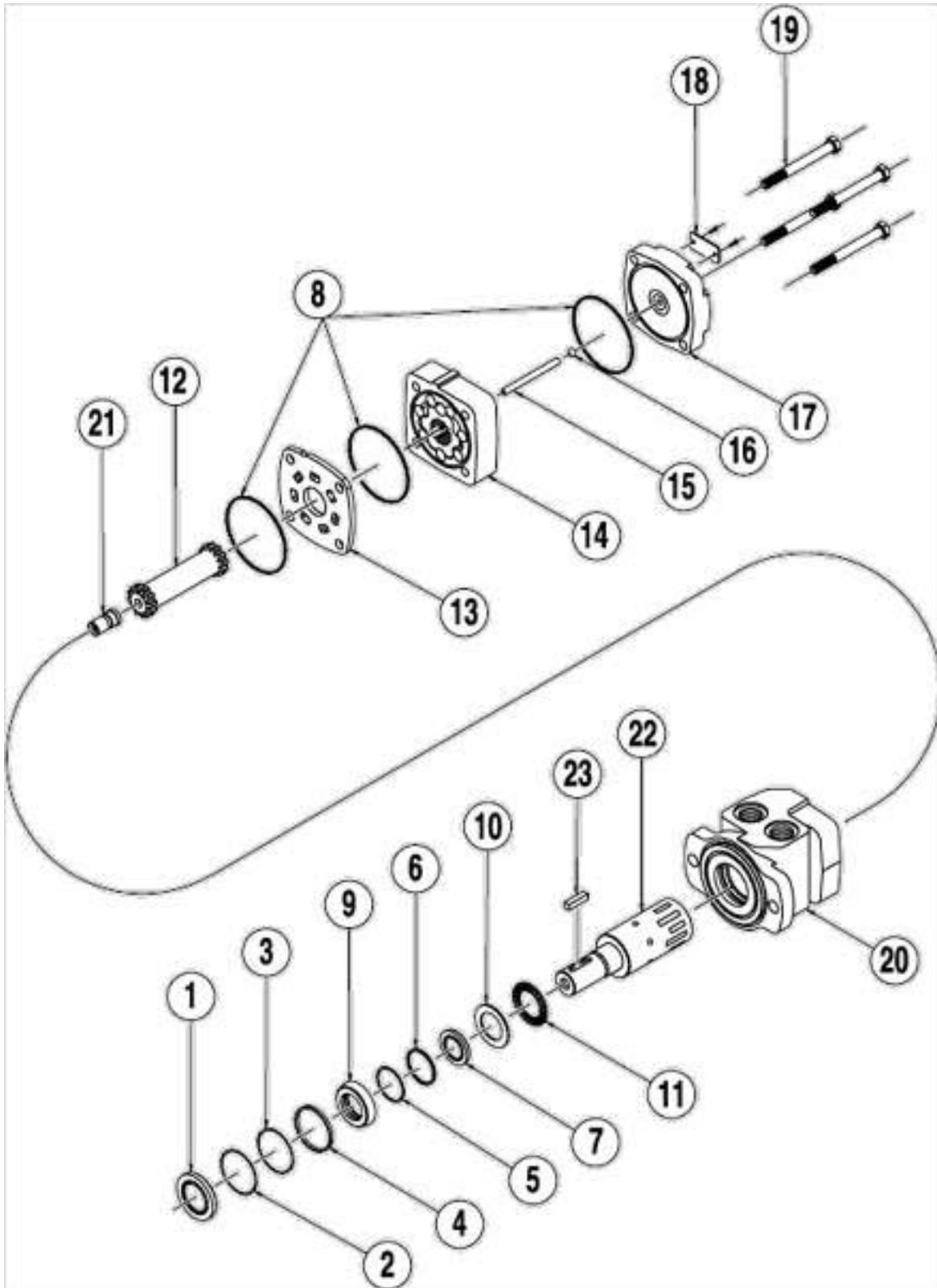
05006553 MOTOR, HYDRAULIC, WHITE, 15.5 CI, 2-BOLT



MOTOR ASSEMBLY PARTS LIST

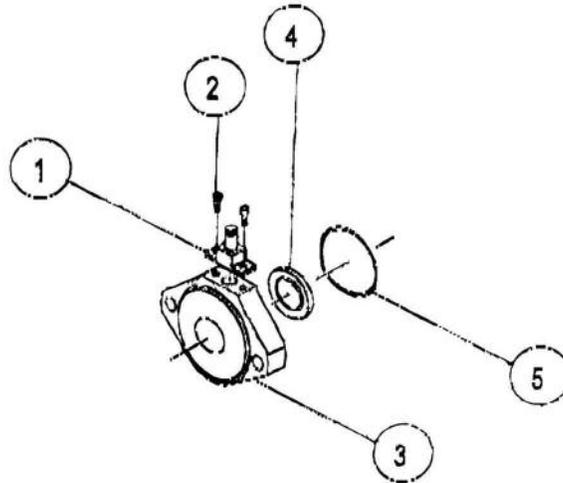
Item	Part Number	Description
1	Seal Kit 05006061	Dust Seal
2		Split Wire Ring
3		Metal Backup Shim
4		High Pressure Seal
5		Metal Backup Shim
6		Teflon Backup Shim
7		Shaft Seal
8		Body Seals (3)
9		Seal Carrier
10		Thrust Washer
11	05006357	Thrust Bearing
12	05006366	Drive Link Kit
13	05006359	Wear Plate
14	05006096	Rotor Kit
15	05006097	Drive Link Pin Kit
16	---	Included in item #15 Drive Link Pin Kit
17	05006360	End Cover
18	---	Serial Number Plate
19	05006098	Bolt Set Kit
20	05006565	Housing Kit, 2-Hole, w/ 7/8" O-Ring
21	05006358	Cooling Plug
22	05006370	Shaft Kit, 1" Straight
23	05006371	Key Kit, 1" Straight

05006595 MOTOR, HYD, WHITE, 15.5 CI, 2B, DISP 100PPR, 1" SHAFT, .875 ORB



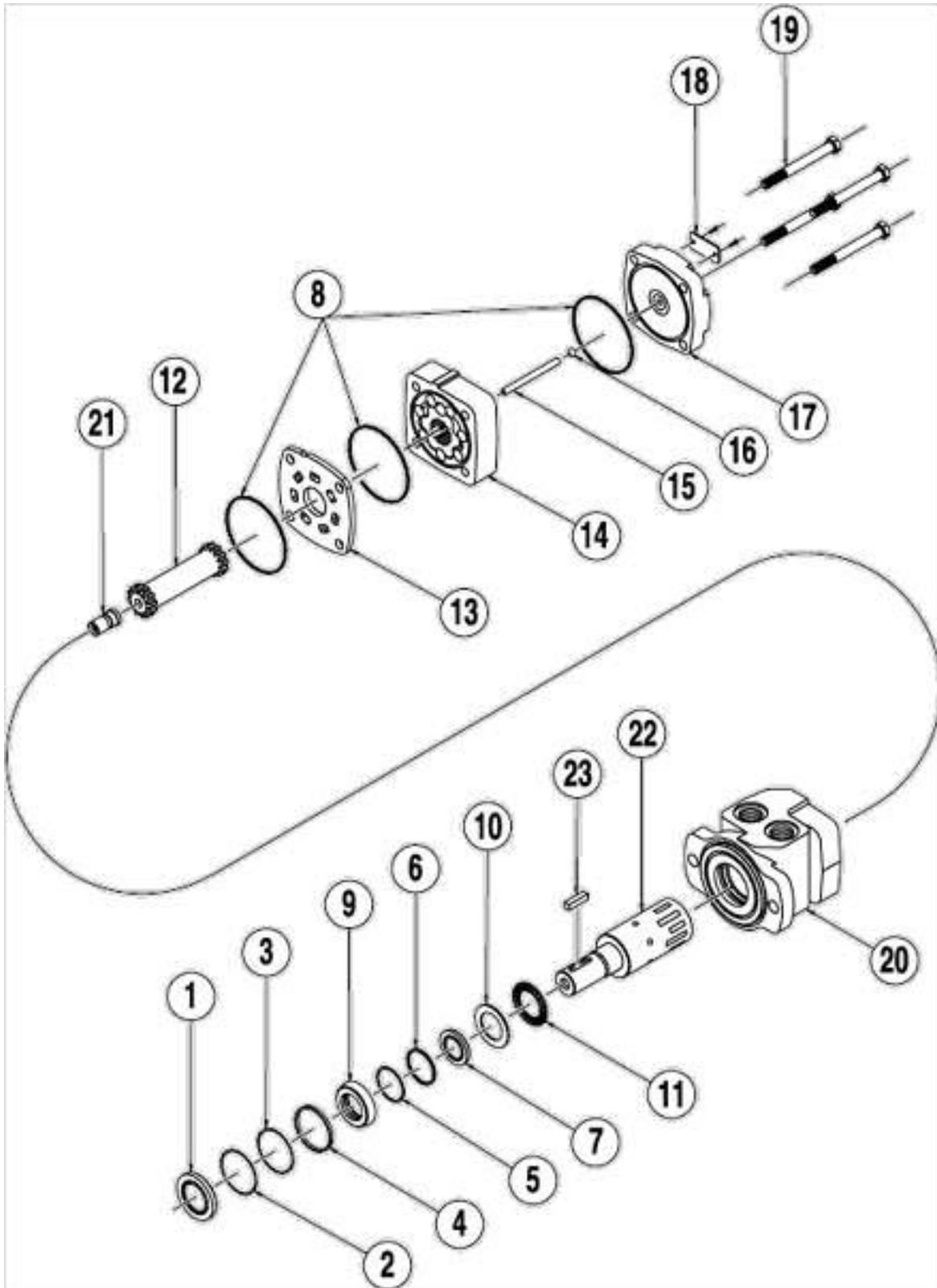
MOTOR ASSEMBLY PARTS LIST

Item	Part Number	Description
1	Seal Kit 05006061	Dust Seal
2		Split Wire Ring
3		Metal Backup Shim
4		High Pressure Seal
5		Metal Backup Shim
6		Teflon Backup Shim
7		Shaft Seal
8		Body Seals (3)
9		Seal Carrier
10		Thrust Washer
11	05006357	Thrust Bearing
12	05006366	Drive Link Kit
13	05006359	Wear Plate
14	05006096	Rotor Kit
15	05006097	Drive Link Pin Kit
16	---	Included in item #15 Drive Link Pin Kit
17	05006360	End Cover
18	---	Serial Number Plate
19	05006098	Bolt Set Kit
20	05006565	Housing Kit, 2-Hole, w/ 7/8" O-Ring
21	05006358	Cooling Plug
22	05006410	Shaft Kit, 1" Straight Speed Sensor
23	05006371	Key Kit, 1" Straight Speed Sensor



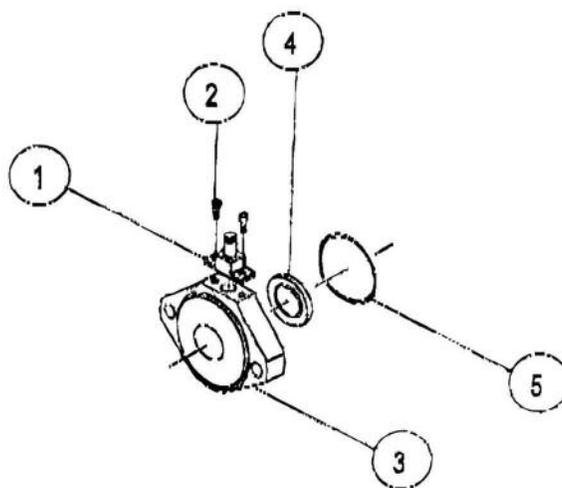
SPEED SENSOR KIT

Item	Qty	Part Number	Description
1	1	05006629	Standard 4-Pin Speed Sensor
2	2	05006561	Sensor Attachment Screws
3	1	05006600	2-Hole Sensor Flange
4	1	05006418	Sensor Magnet for 21 Shaft 50 Pole Pairs
5	1	05006601	2-Hole Sensor Flange Seal



MOTOR ASSEMBLY PARTS LIST

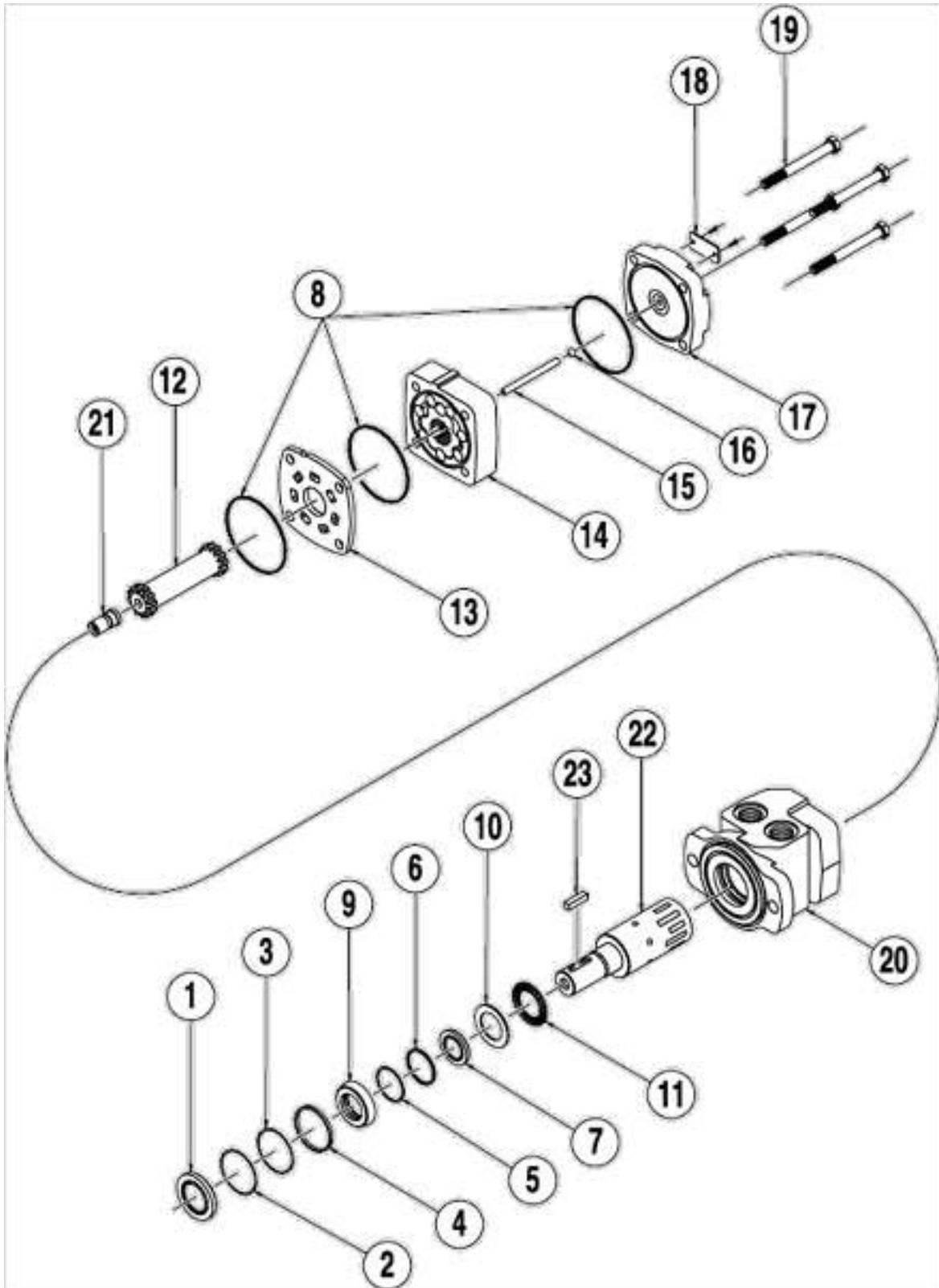
Item	Part Number	Description
1	Seal Kit 05006061	Dust Seal
2		Split Wire Ring
3		Metal Backup Shim
4		High Pressure Seal
5		Metal Backup Shim
6		Teflon Backup Shim
7		Shaft Seal
8		Body Seals (3)
9		Seal Carrier
10		Thrust Washer
11	05006357	Thrust Bearing
12	05006366	Drive Link Kit
13	05006359	Wear Plate
14	05006376	Rotor Kit
15	05006377	Drive Link Pin Kit
16	---	Included in item #15 Drive Link Pin Kit
17	05006360	End Cover
18	---	Serial Number Plate
19	05006378	Bolt Set Kit
20	05006565	Housing Kit, 2-Hole, w/ 7/8" O-Ring
21	05006358	Cooling Plug
22	05006410	Shaft Kit, 1" Straight Speed Sensor
23	05006371	Key Kit, 1" Straight Speed Sensor



SPEED SENSOR KIT

Item	Qty	Part Number	Description
1	1	05006629	Standard 4-Pin Speed Sensor
2	2	05006561	Sensor Attachment Screws
3	1	05006600	2-Hole Sensor Flange
4	1	05006418	Sensor Magnet for 21 Shaft 50 Pole Pairs
5	1	05006601	2-Hole Sensor Flange Seal

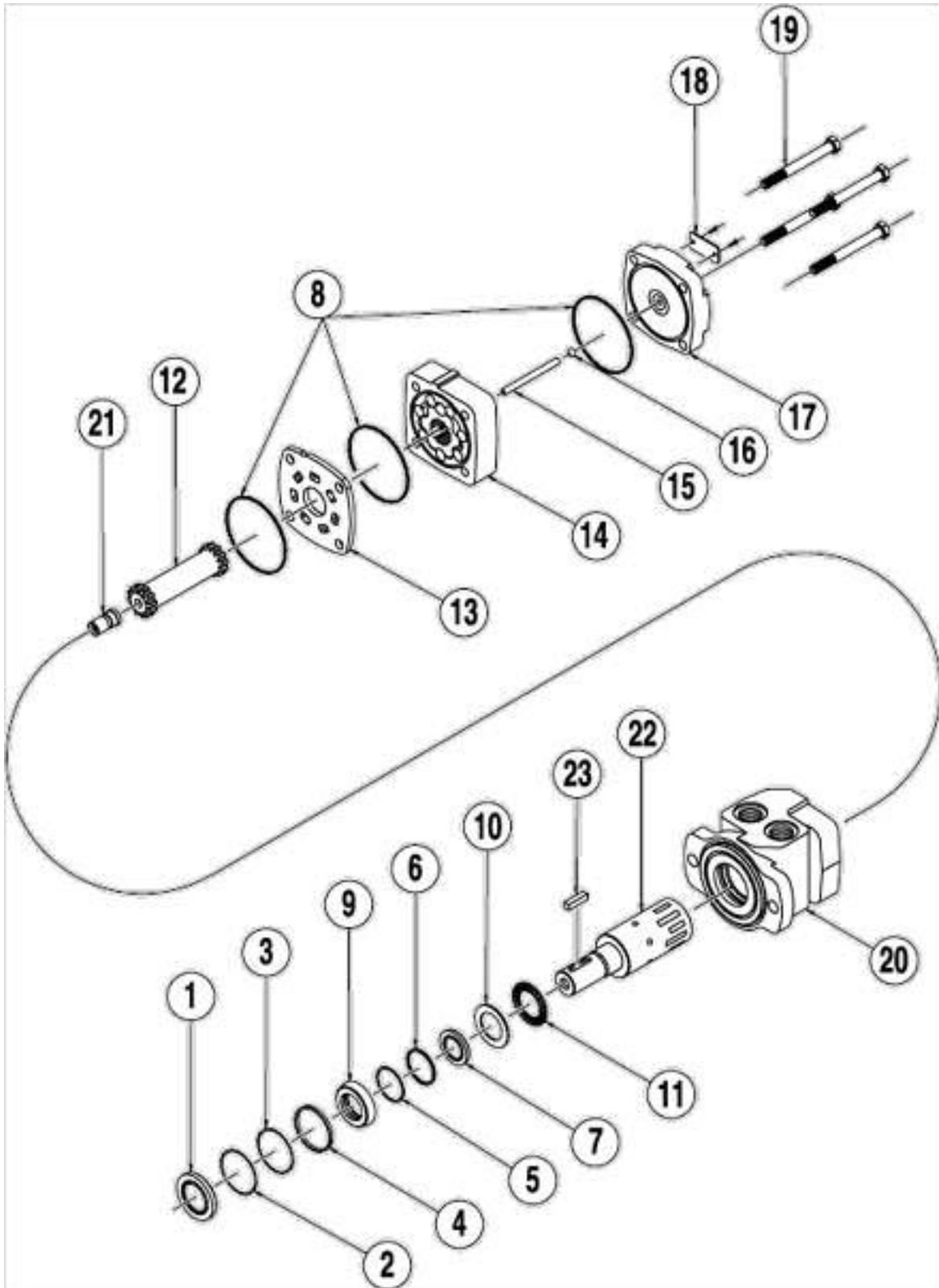
05006548 MOTOR, HYDRAULIC, WHITE, 17.9 CI, 2 BOLT



MOTOR ASSEMBLY PARTS LIST

Item	Part Number	Description
1	Seal Kit 05006061	Dust Seal
2		Split Wire Ring
3		Metal Backup Shim
4		High Pressure Seal
5		Metal Backup Shim
6		Teflon Backup Shim
7		Shaft Seal
8		Body Seals (3)
9		Seal Carrier
10		Thrust Washer
11	05006357	Thrust Bearing
12	05006366	Drive Link Kit
13	05006359	Wear Plate
14	05006376	Rotor Kit
15	05006377	Drive Link Pin Kit
16	---	Included in item #15 Drive Link Pin Kit
17	05006360	End Cover
18	---	Serial Number Plate
19	05006378	Bolt Set Kit
20	05006565	Housing Kit, 2-Hole, w/ 7/8" O-Ring
21	05006358	Cooling Plug
22	05006370	Shaft Kit, 1" Straight
23	05006371	Key Kit, 1" Straight

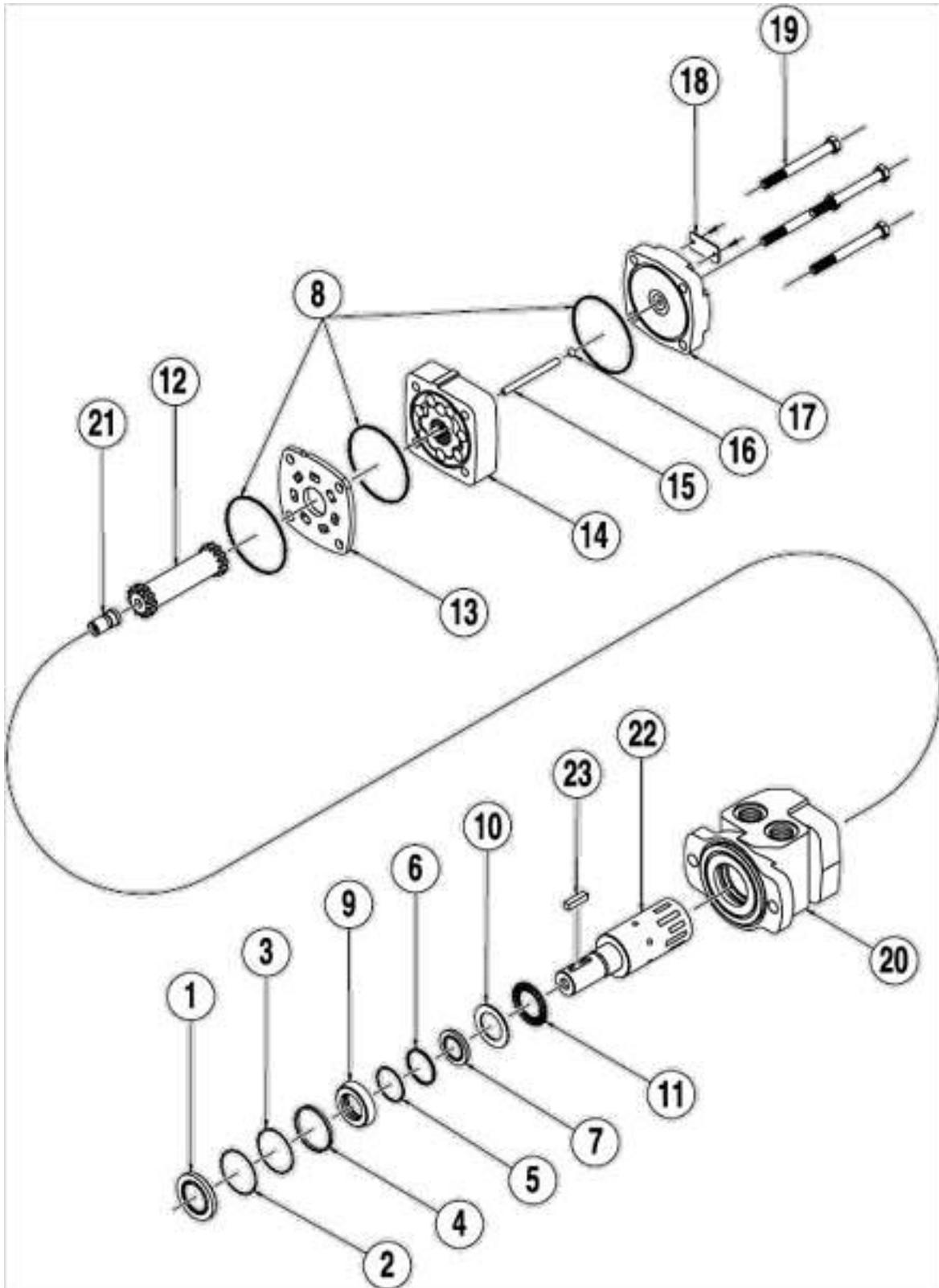
05006555 MOTOR, HYDRAULIC, WHITE, 18 CI, 4 BOLT



MOTOR ASSEMBLY PARTS LIST

Item	Part Number	Description
1	Seal Kit 05006061	Dust Seal
2		Split Wire Ring
3		Metal Backup Shim
4		High Pressure Seal
5		Metal Backup Shim
6		Teflon Backup Shim
7		Shaft Seal
8		Body Seals (3)
9		Seal Carrier
10		Thrust Washer
11	05006357	Thrust Bearing
12	05006366	Drive Link Kit
13	05006359	Wear Plate
14	05006376	Rotor Kit
15	05006377	Drive Link Pin Kit
16	---	Included in item #15 Drive Link Pin Kit
17	05006360	End Cover
18	---	Serial Number Plate
19	05006378	Bolt Set Kit
20	05006564	Housing Kit, 4-Hole, w/ 7/8" O-Ring
21	05006358	Cooling Plug
22	05006370	Shaft Kit, 1" Straight
23	05006371	Key Kit, 1" Straight

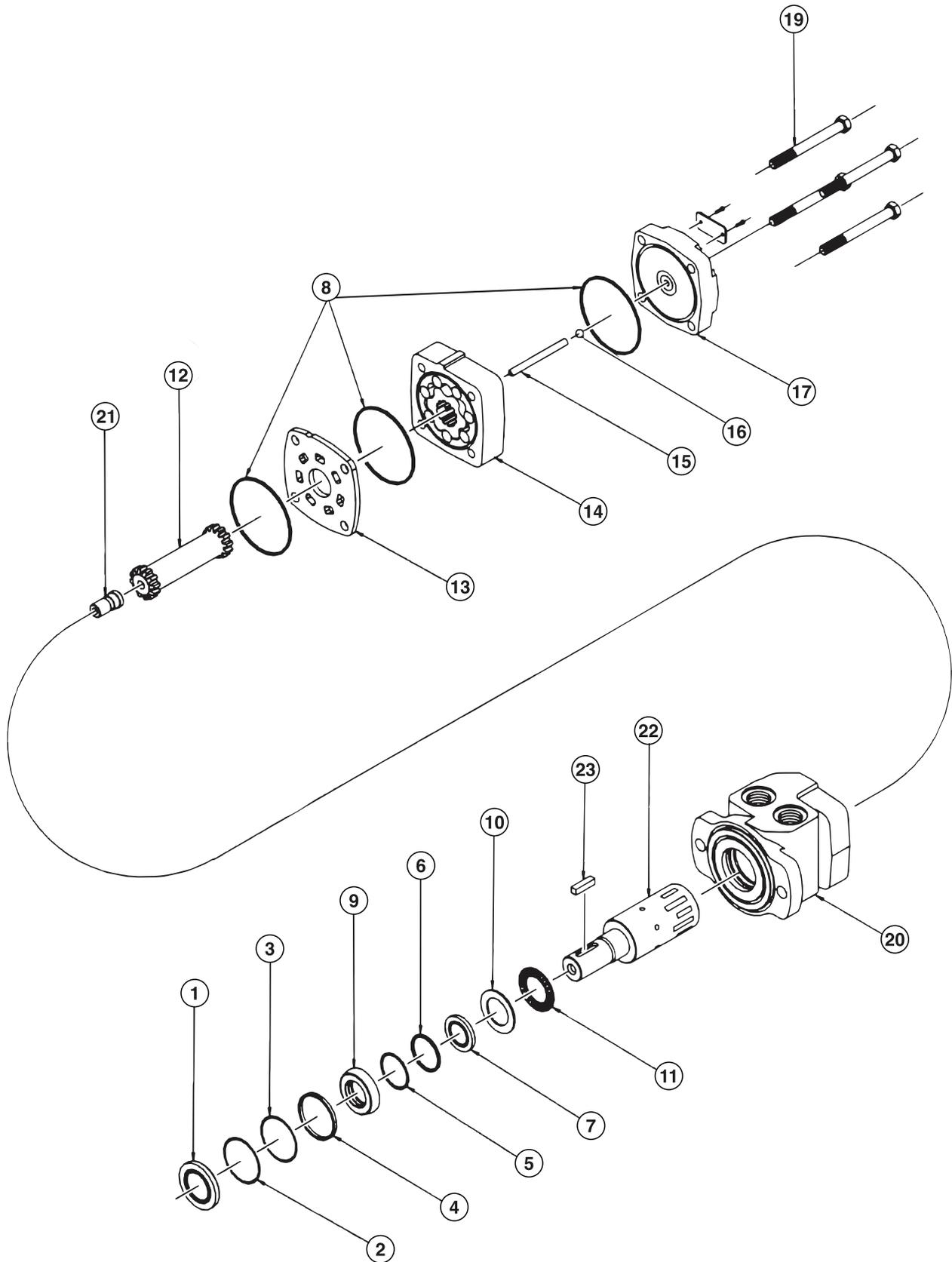
05006549 MOTOR, HYDRAULIC, WHITE, 10 CI, 4 BOLT



MOTOR ASSEMBLY PARTS LIST

Item	Part Number	Description
1	Seal Kit 05006061	Dust Seal
2		Split Wire Ring
3		Metal Backup Shim
4		High Pressure Seal
5		Metal Backup Shim
6		Teflon Backup Shim
7		Shaft Seal
8		Body Seals (3)
9		Seal Carrier
10		Thrust Washer
11	05006357	Thrust Bearing
12	05006366	Drive Link Kit
13	05006359	Wear Plate
14	05006082	Rotor Kit
15	05006081	Drive Link Pin Kit
16	---	Included in item #15 Drive Link Pin Kit
17	05006360	End Cover
18	---	Serial Number Plate
19	05006064	Bolt Set Kit
20	05006564	Housing Kit, 4-Hole, w/ 7/8" O-Ring
21	05006358	Cooling Plug
22	05006370	Shaft Kit, 1" Straight
23	05006371	Key Kit, 1" Straight

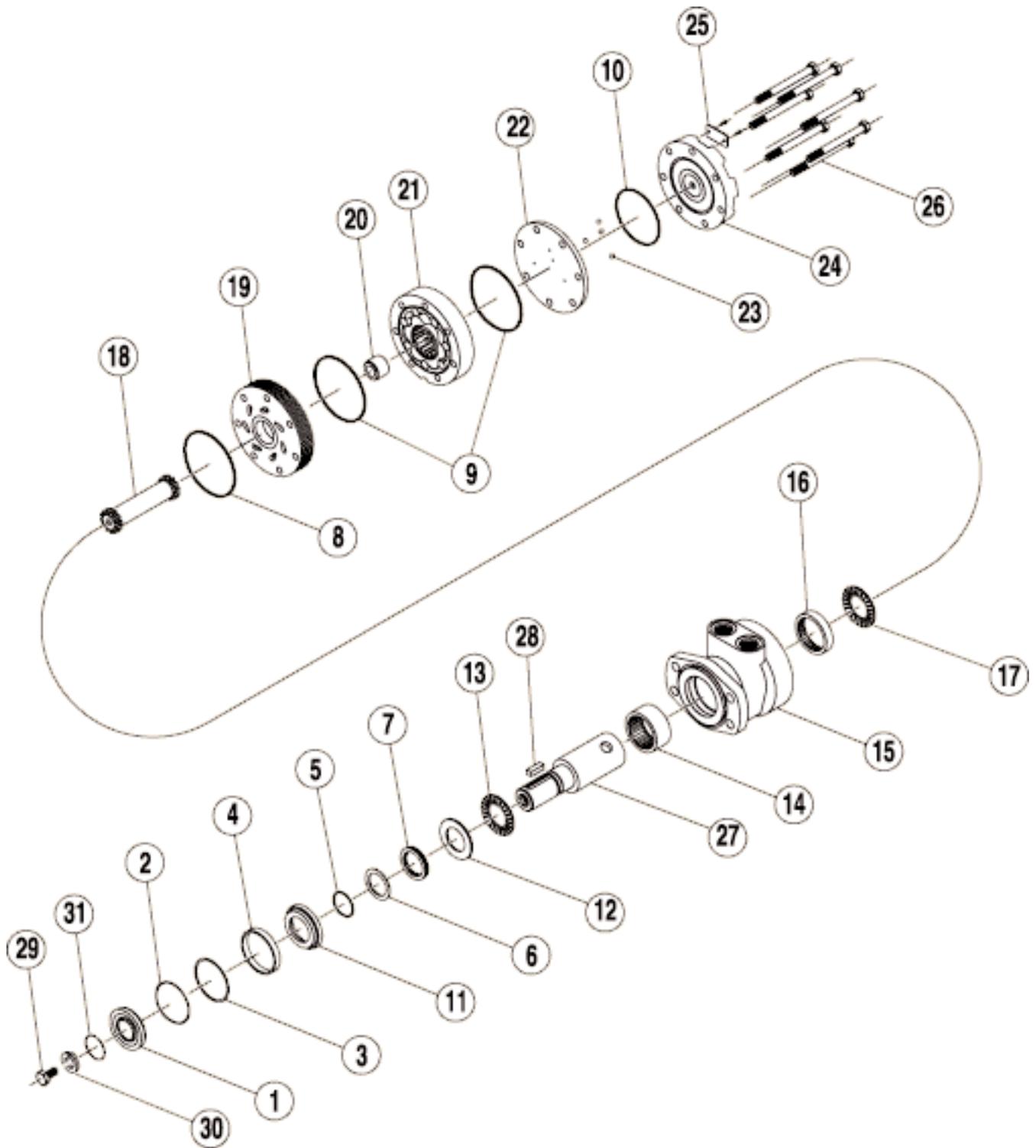
05006673 MOTOR, HYD, WHITE, 3.2CI, 4B, 1" EXT SHAFT, .875" ORB/SEAL SAVER



MOTOR ASSEMBLY PARTS LIST

Item	Part Number	Description
1	Seal Kit 05006061	Dust Seal
2		Split Wire Ring
3		Metal Backup Shim
4		High Pressure Seal
5		Metal Backup Shim
6		Teflon Backup Shim
7		Shaft Seal
8		Body Seals (3)
9		Seal Carrier
10		Thrust Washer
11	---	Thrust Bearing
12	---	Drive Link Kit
13	---	Wear Plate
14	---	Rotor Kit
15	---	Drive Link Pin Kit
16	---	Included in item #15 Drive Link Pin Kit
17	---	End Cover
18	---	Serial Number Plate
19	---	Bolt Set Kit
20	05006564	Housing Kit, 4-Hole, w/ 7/8" O-Ring
21	---	Cooling Plug
22	05006410	Shaft Kit 1" Straight Speed Sensor
23	---	Key Kit, 1" Straight

05006444 MOTOR, HYDRAULIC, WHITE, 18.3 CI, 2 BOLT



MOTOR ASSEMBLY PARTS LIST

Item	Part Number	Description
1	Seal Kit 05050310	Dust Seal
2		Split Wire Ring
3		Metal Backup Shim
4		High Pressure Seal
5		Metal Backup Shim
6		Polyamide Seal
7		Shaft Seal
8		Rear Housing Seal
9		Body Seal (2)
10		EndCover Seal
11	Seal Kit 05006253	Seal Carrier
12		Thrust Washer
13	05006502	Front Thrust Bearing
14		Front Housing Bearing
15	05006569	Housing Kit, 2-Hole SAE A Style with 7/8" O-Ring
16	05006255	Rear Housing Bearing
17	05006254	Rear Thrust Bearing
18	05006568	Drive Link Kit
19	05006258	Forward Manifold
20	Not Required	Drive Link Spacer Kit
21	05006566	Standard Rotor Kit
22	05006261	Balance Plate
23	05006505	Steel Balls
24	05006503	EndCover
25	---	Serial Number Plate
26	05006568	Bolt Set Kit
27	05006570	Shaft Kit
28	05006571	Key Kit



Service Bulletin

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Subject: Installing grease in White hydraulic motor sensor blocks

Description:

The sensor motor blocks that are installed between White hydraulic motors and gearboxes have an internal cavity that houses the pulse rotor on the motor shaft. This cavity is isolated from the motor and the gearbox, and the sensor components do not require any lubrication.

During the life of the motor and sensor block assembly, some moisture will work into the cavity and cause corrosion that can damage the sensor. Units disassembled in the field have been found to be severely corroded inside.

White provides a grease fitting on the sensor block to allow installation of grease for corrosion protection. The blocks must be filled with grease during initial installation and checked annually during operation. This Service Bulletin describes the proper method of installing grease in a sensor block.

Required Grease

Sensor blocks must be filled only with dielectric (non-conductive) grease. The use of grease containing electrically-conductive materials (graphite, etc.) will cause errors in the sensor pickup signal to the cab controller.

Proper Method of Grease Installation

The sensor pickup must be removed before grease is pumped into the sensor block. This allows the grease to flow in without pressurizing the sensor cavity. Pumping grease in the fitting without removing the pickup will build pressure in the cavity and may damage the shaft seals or the block isolation O-rings.

Frequency of Grease Installation

The block cavity must be filled during initial assembly and installation of the motor. No more than annually, the pickup should be removed and additional grease pumped into the block to insure it is filled. End users must be informed and reminded that this is not a lubrication point and must not be included in lubrication schedules for bearings and other frequently-lubricated components.

Bulletin #: SB-00306	Release Date: 04/02/14	Revision Date:
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MTE Service Bulletin

Installing Grease in a White Motor Sensor Block



1. Remove the pickup from the sensor block.



2. If installing grease before the motor and sensor are installed on the gearbox, lightly clamp the sensor block to the motor with a C-clamp. This will prevent the grease from pushing the block away from the motor.
3. Attach a grease gun filled with dielectric grease to the grease fitting on the block.



4. Pump grease into the block until it can be seen at the pickup opening. It is not necessary for the block cavity to be completely full of grease.
5. Reinstall the pickup in the block.
6. Install the motor and sensor assembly on the gearbox.



Monroe Truck Equipment, Inc.
1051 W. 7th Street
Monroe, WI 53566

Bulletin #: SB-00306

Release Date: 04/02/14

Revision Date:

MONROE TRUCK EQUIPMENT, INC. WARRANTY SNOW & ICE CONTROL PRODUCTS

Monroe Truck Equipment, Inc. warrants to the original purchaser, that if any part of the product proves to be defective in workmanship or material within **ONE YEAR** of the original installation, and is returned to us within 30 days of the discovered defect, we will (at our option) repair or replace the defective part. This warranty does not apply to damage resulting from misuse, neglect, accident, improper installation, normal wear items or lack of maintenance. This warranty is exclusive and supersedes all other warranties, whether expressed or implied. **Monroe Truck Equipment, Inc.** neither assumes, nor authorizes anyone to assume for it, any other obligation or liability in connection with this warranty and will not be liable for consequential damages.

All engines, pumps, motors, cylinders and valves are warranted by their manufacturer and not by **Monroe Truck Equipment, Inc.**. The manufacturer's warranty will apply to these parts. Electrical and hydraulic components are not to be disassembled without the express written permission of Monroe Truck Equipment. Use of replacement parts other than original equipment voids this warranty.

All defective parts returned must be accompanied by the model number, serial number, date installed, date of defect, description of defect, and the name of the distributor from whom it was purchased. All warranty claims must have prior written approval from **Monroe Truck Equipment, Inc.**

Please return the warranty registration card that accompanies this manual to confirm receipt of this parts catalog and acknowledge the information contained within. Failure to return the attached card may result in a voided warranty.



1051 West 7th Street
Monroe, WI 53566
608-328-8127 ~ Fax: 608-328-4278

Warranty Policy

Uninstalled Parts and Equipment Provided by Monroe Truck Equipment

Monroe Truck Equipment will provide the following limited warranty for a period of one year to the original purchaser of all uninstalled goods provided by Monroe Truck Equipment:

LIMITED WARRANTY: All goods provided by Monroe Truck Equipment (MTE) will be free from defects in material and workmanship for a period of one year from the date of purchase by the original purchaser. This limited warranty shall be the sole and exclusive remedy for any such product found to be defective. This limited warranty supercedes all previous warranties and is exclusive and in lieu of all other warranties, whether expressed or implied.

This limited warranty applies only to parts or accessories manufactured by MTE and/or provided by same. Except with respect to title, this limited warranty does not pertain to parts or accessories not manufactured and/or provided by MTE, regardless of whether such parts or accessories were selected and/or recommended by MTE. MTE will, as a service to the buyer, pass on any warranties received from the original manufacturer of MTE provided parts and/or accessories.

MTE will not under any circumstances be liable for any incidental or consequential damages whether in tort, contract, or otherwise, for any bodily injury, death, property damage, loss of use, or loss of income resulting from or in any way arising out of any goods provided by MTE, or their sale, use, or manufacture.

Any warranty claim deemed to be arising from the result of misuse, abuse, neglect, accident, improper installation, lack of maintenance, act of war (whether declared or otherwise), or act of God will be denied. Any repair or modification by the buyer or any third party, without the prior written consent of MTE, will void any possible warranty compensation. Any damage deemed to be the result of abnormal operation will not be compensated by this warranty.

Normal or special maintenance items such as fuels, fluids, tires, belts, hoses, filters, air cleaners, light bulbs, and any other items subject to normal wear and tear that are supplied in connection with goods provided by MTE are not allowed under this warranty.

All engines, pumps, cylinders, valves, and motors are warranted by their manufacturer and not by Monroe Truck Equipment. The manufacturer's warranty will apply to these parts. Electrical and hydraulic components are not to be disassembled without the express written consent of MTE. Any disassembly of MTE provided components without prior authorization will void the applicable warranty.

Monroe Truck Equipment shall be the sole and final determining authority as it applies to the administration of this warranty policy. Purchaser acknowledges receipt of Monroe Truck Equipment Warranty Policy and agrees to be bound by same.



GLOBAL SOLUTIONS
ARMORED VEHICLES ~ SPORT TRUCK CONVERSIONS
MUNICIPAL SNOW & ICE CONTROL ~ FIRE APPARATUS
PICKUP TRUCK ACCESSORIES ~ TRUCK EQUIPMENT/MODIFICATIONS





1051 West 7th Street
Monroe, WI 53566
608-328-8127 ~ Fax: 608-328-4278

Any and all warranty claims must be forwarded to MTE within 10 days of defect discovery. A copy of the original Monroe Truck Equipment invoice as well as the manufacturer's model number, serial number, and date of installation must accompany all correspondence regarding said claims. MTE will, at their option, choose whether to repair or replace the defective part unless otherwise specified by the original manufacturer of said part.

Procedures for Warranty Claims Notification

For submission of any warranty claim please contact Monroe Truck Equipment – Warranty Department at 800-356-8134

The following documentation will be needed when you call for initial warranty authorization:

1. A copy of the original MTE invoice.
2. Make, Model, and VIN or Serial Number of the equipment involved.
3. Part number and serial number of the part in question.
4. A complete description of the problem.

The following must accompany any claim submitted to Monroe Truck Equipment:

1. Documented photographs of any physical damage.
2. Inspection notes by MTE personnel or MTE authorized 3rd party.
3. Authorization number issued by Monroe Truck Equipment – Warranty Department.

Defective parts must be returned to Monroe Truck Equipment (freight prepaid) within 30 days of issuance of Authorization Number.

Monroe Truck Equipment reserves the right to void any warranty for failure to comply with Monroe Truck Equipment Warranty Policy.

This policy is effective October 11, 2012

