



Roto-Rake

OPERATOR & PARTS MANUAL

Model P-RR72

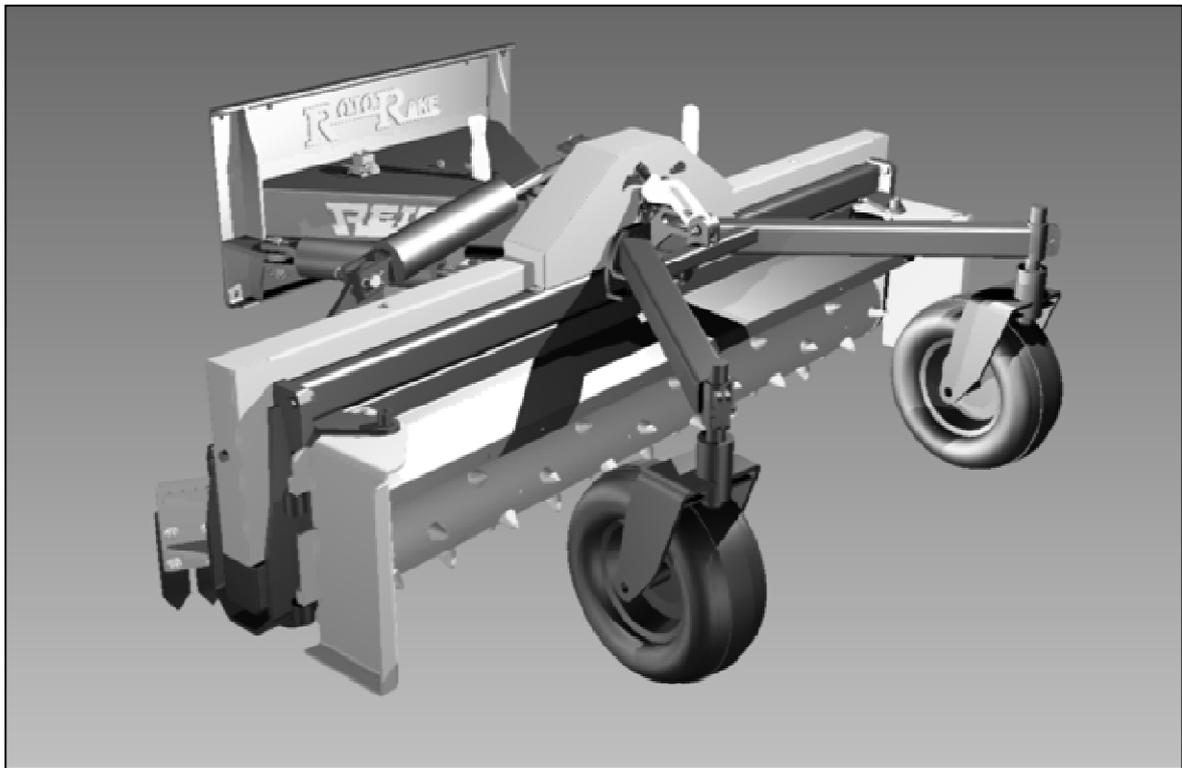


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INTRODUCTION



CONGRATULATIONS!

Thank you for choosing the **REIST ROTO-RAKE**. We feel confident that this equipment will meet your expectations in workmanship, reliability and performance.

This manual is to assist you with the safe operation of the **REIST ROTO-RAKE**, This manual also identifies safety decals and information, maintenance intervals and proper storage instructions.

CAUTION



GENERAL SAFETY

1. **Careful operation is the best assurance against accidents. It is the owner's responsibility to make sure that all operator's read this manual before operating the equipment.**
2. **Familiarize yourself with all controls and always be ready to stop equipment quickly in case of emergency.**
3. **Never let a child operate machinery.**
4. **Protect yourself by wearing ear protection.**
5. **Hydraulic fluids under pressure can damage your skin. Do not use your hands to locate leak.**

OPERATING SAFETY



CAUTION

- 1. For proper safe operation we recommend that the tractor be equipped with an approved Roll-Over Protective Structure and Safety Belt.**
- 2. Do not operate an engine in confined or non ventilated area.**
- 3. Do not perform any adjustments or repairs with engine running.**
- 1. Always lower 3 PT hitch to ground before performing adjustments or repairs.**
- 2. Do not operate on excessive incline and always be careful when turning on slopes.**
- 6. Never carry passengers on implement or tractor.**

TRANSPORT SAFETY

CAUTION



- 1. Use proper safety lights on public roads.**
- 2. Be alert while driving on road and never carry passengers.**

Daily Check List



1. Make sure all bolts are tight (tighten if necessary).
2. Check for worn or broken parts (replace if necessary).
3. Grease bushings & bearings as instructed in Maintenance and Adjustment section.

OPERATION INSTRUCTIONS



Important Set Up & Operation Instructions

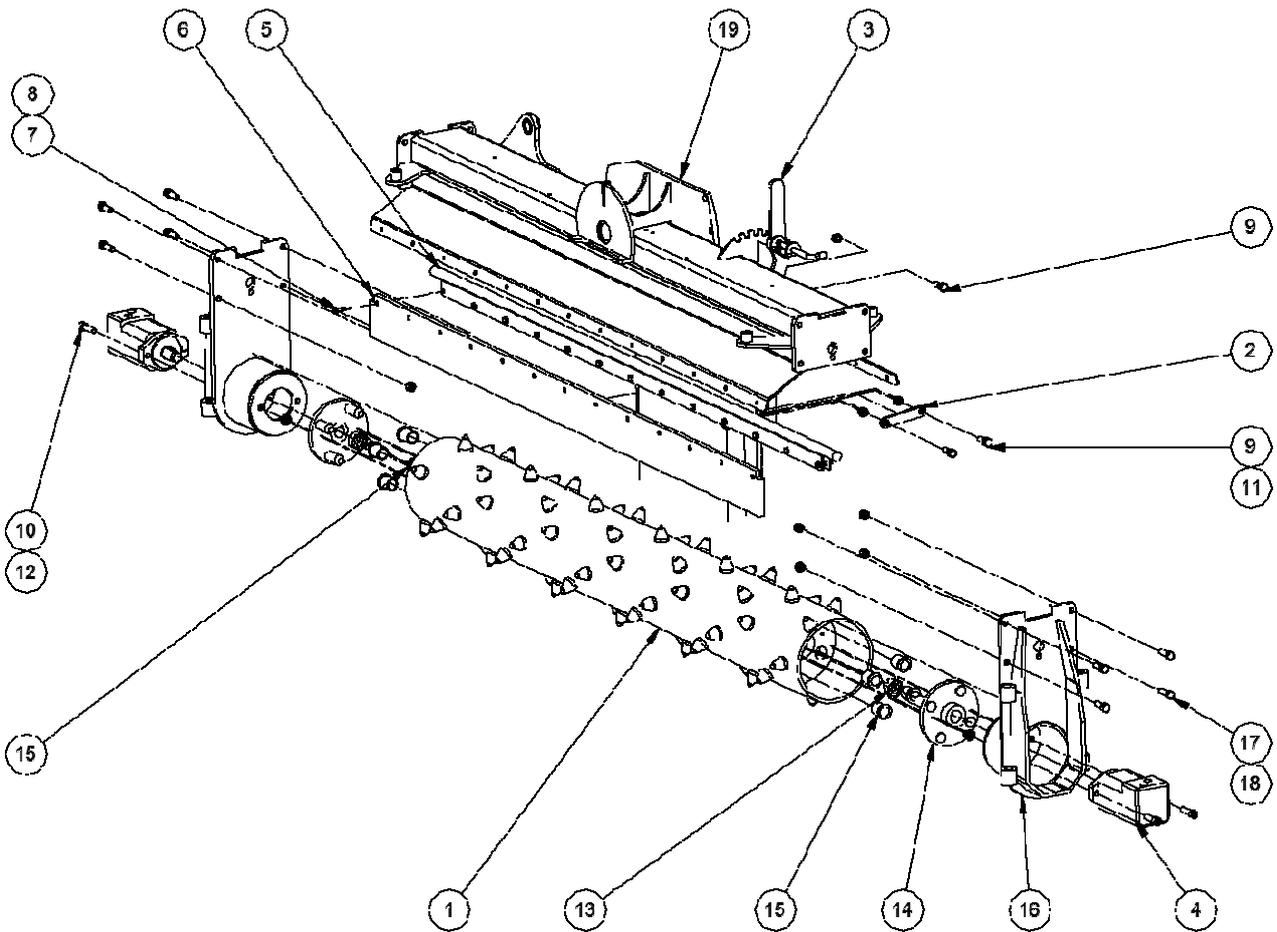
1. Always use proper pin & bushing sizes when attaching Roto-Rake to tractor.
2. Make sure that bottom 3 PTH arms are level w/ tractor & stabilized to center.
3. Lower Roto-Rake to ground, putting 3 PTH lever to max. down position.
4. Adjust top link until cutting edge makes ground contact, plus desired digging depth.
5. Readjust top link to maintain desired cutting depth.
6. Using this method of adjustment the Roto-Rake will remove high spots & fill in low spots.
7. For best results use alternative driving patterns as you grade.

STORAGE



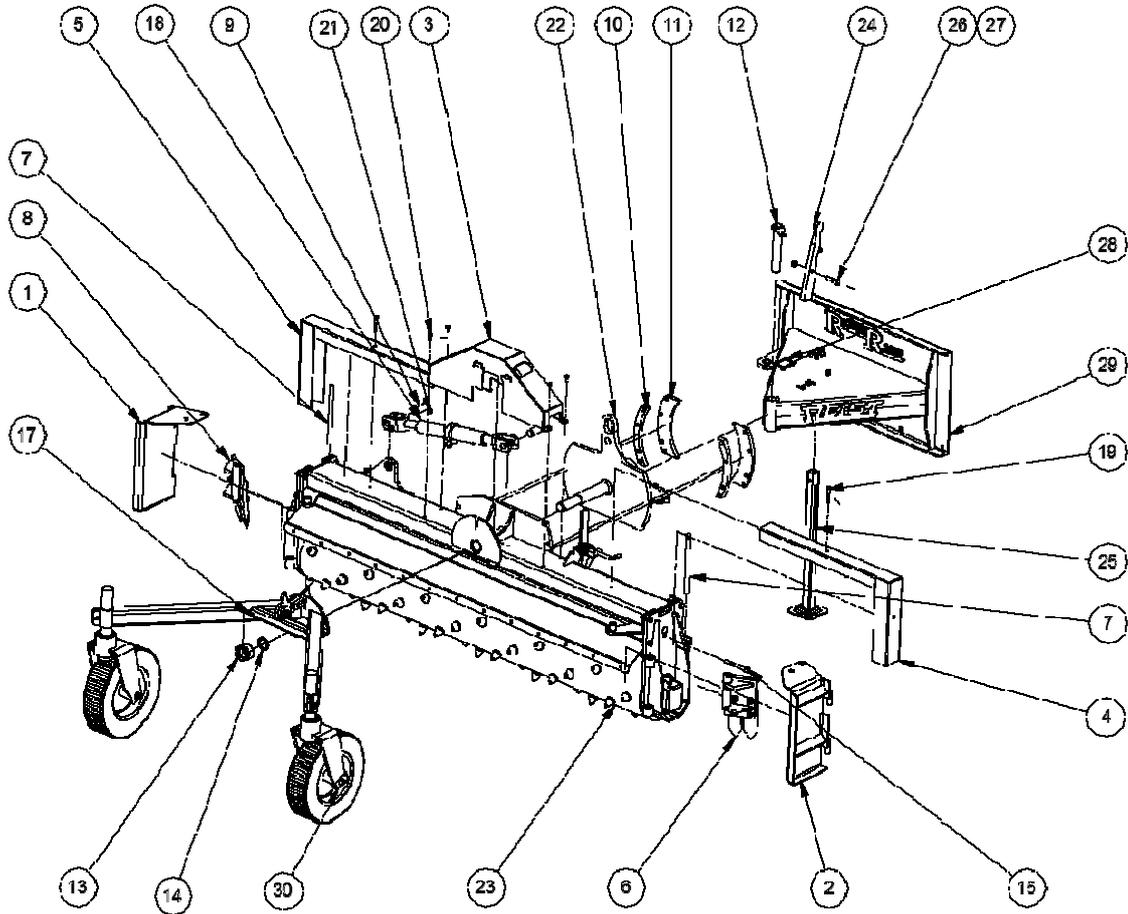
- 1.Store in dry ventilated area.**
- 2.Store any hydraulic cylinder piston rods in retracted position.**
- 3.Clean before putting into storage.**
- 4.Touch-up paint as needed.**
- 5.Lubricate all grease fittings before storage.**

Parts



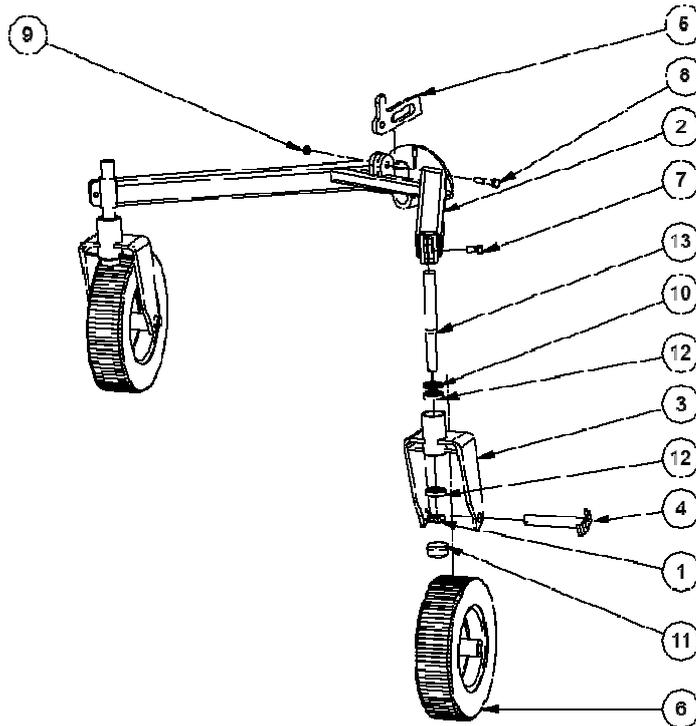
Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	100174	Rotor	11	3	12CLN	NC Lock Nut
2	1	100179	Gate Link	12	4	12FSLN	Flange Nut
3	1	100180	Gate Lever	13	2	1CNF	Slotted Hex Nut
4	2	104-4100-006	2000 series hyd motor 2 bolt	14	2	HRG04	Rotor Drive Adaptor
5	1	100176	Gate Weldment	15	8	MF1-1620-24	Ingus bushing
6	1	100178	Gate Belfing	16	2	100175	Hyd Motor Mount
7	13	516112	Hex Bolt	17	8	12112	Hex Bolt
8	13	516FSLN	Flange Nut	18	6	12N	Hex Nut
9	3	12114	Hex Bolt	19	1	P-100176	Roto Rake Frame Weldment
10	4	12134CSH	Socket Head				

Parts

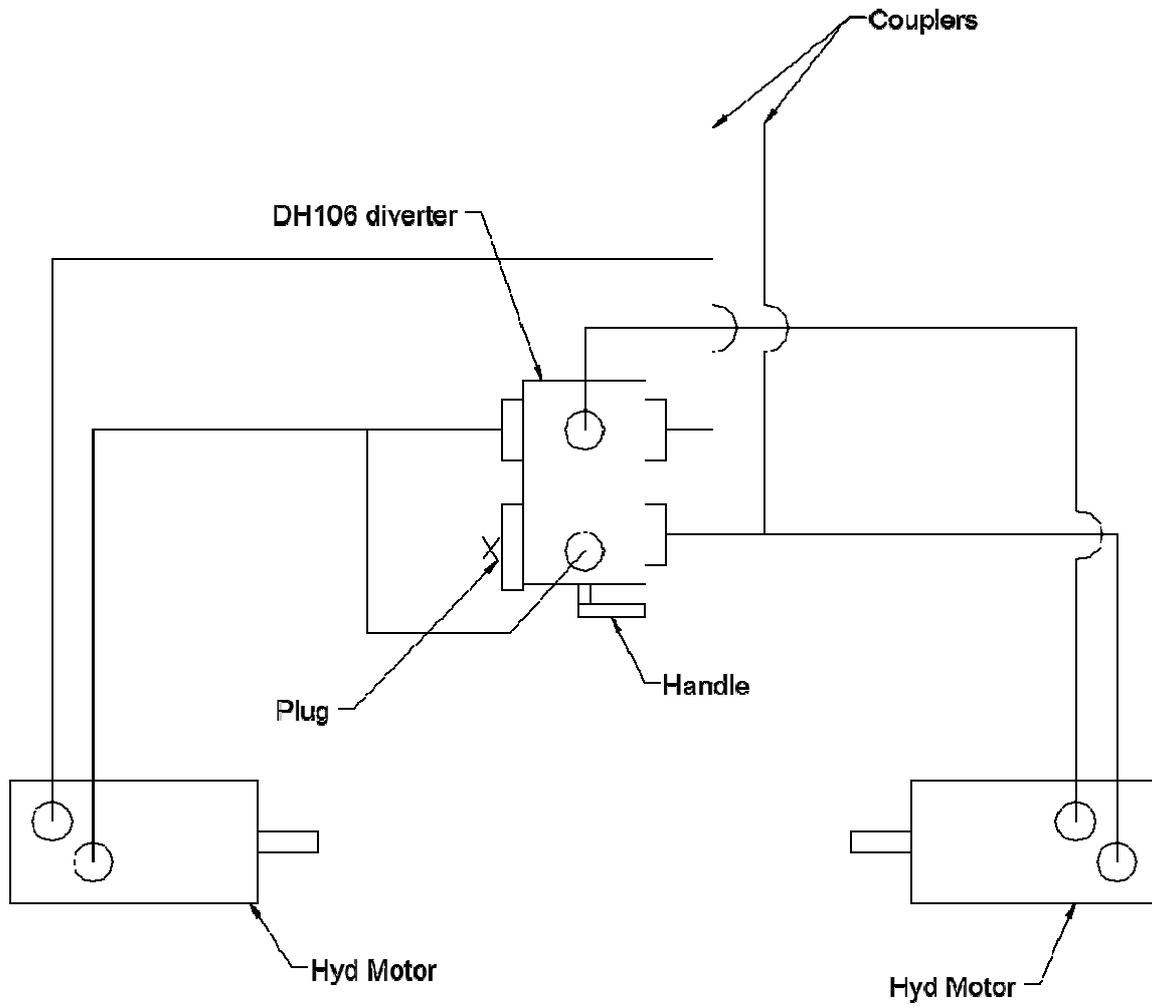


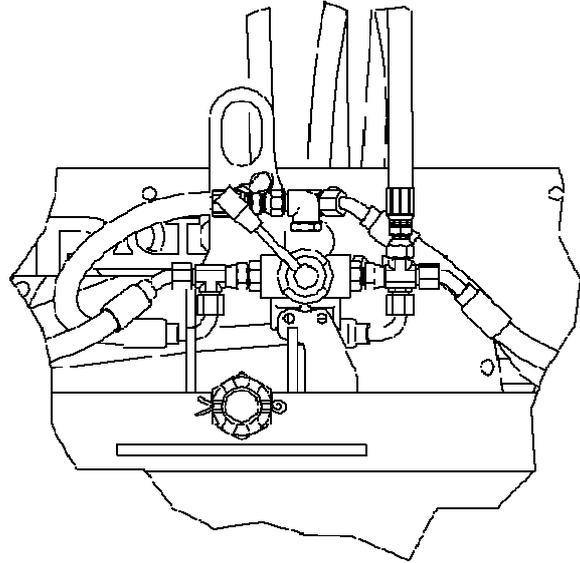
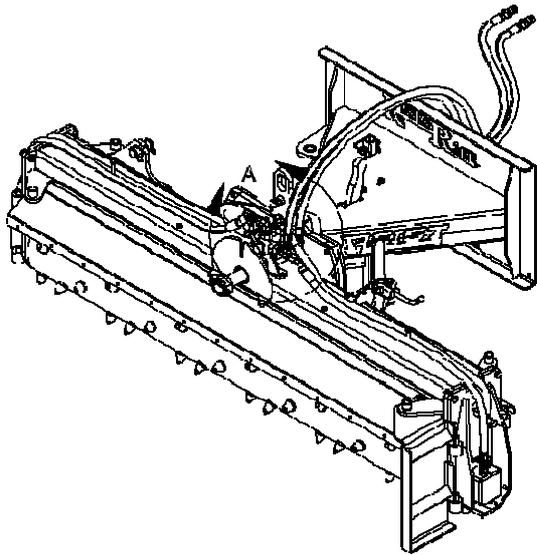
Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	100183	Side Gate	15	2	12412	Hex Bolt
2	1	100188	Side Gate Left	16	2	12N	Hex Nut
3	1	100189	Hose Shield	17	1	14212CP	Cotter Pin
4	1	100190	Hose Shield Side	18	1	388501	Ratched Jack
5	1	100191	Hose Shield Side Right	19	2	516212	Hex Bolt
6	1	100192	Plow Attachment	20	4	51634	Hex Bolt
7	2	100193	Pin	21	4	837858	Hair Pin
8	1	100194	Plow Attachment Left	22	1	P-100181	Knuckle
9	2	100x225	Pin	23	1	P-100187	Roto Rake
10	2	103935	Spacer	24	1	100185	Lock Lever
11	2	103939	Clamp	25	1	100186	Stand
12	1	103944	Pin	26	1	12*2	Hex Bolt
30	1	104913	Wheel Attachment	27	1	12CLN	NC Lock Nut
13	1	112CNF	Slotted Hex Nut	28	1	387109	Lock Pin
14	1	112M	Machinery Washer	29	1	P-100184	Base Swivel Frame Weldment

Parts

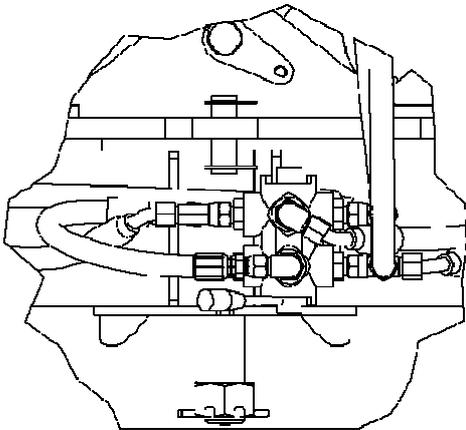


Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	SJ-114	Slotted Hex Nut
2	1	100195	Wheel Attachment Frame
3	2	100199	Swivel Wheel
4	2	100198	Swivel Wheel Pin
5	1	100199	Lock Plate Rev A
6	2	120031	Wheel Segmented
7	2	12114	Hex Bolt
8	1	12212	Hex Bolt
9	1	12CLN	NC Lock Nut
10	2	CR20124	SEAL
11	2	D1000	Dust Cap
12	4	L44643 L44610	Tapered Roller Bearing
13	2	S01000104108HR	Spindle

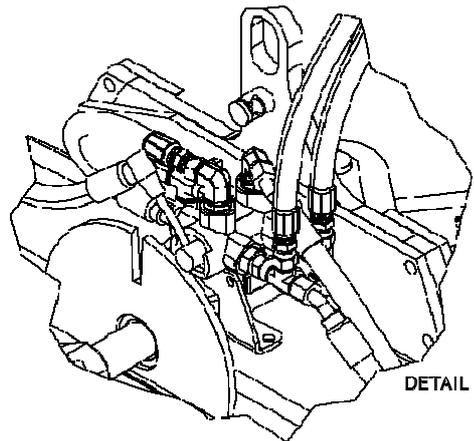




DETAIL C

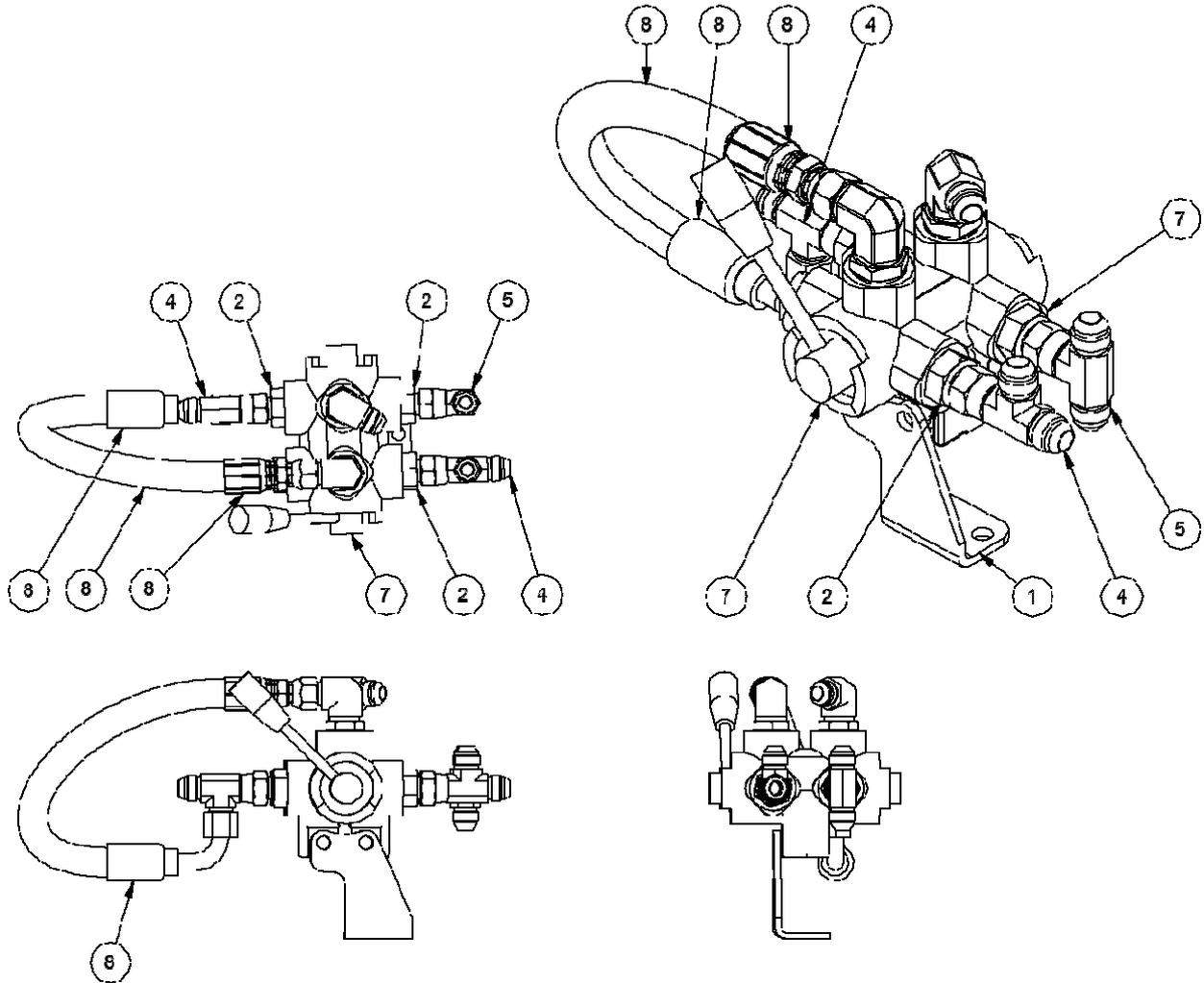


DETAIL B



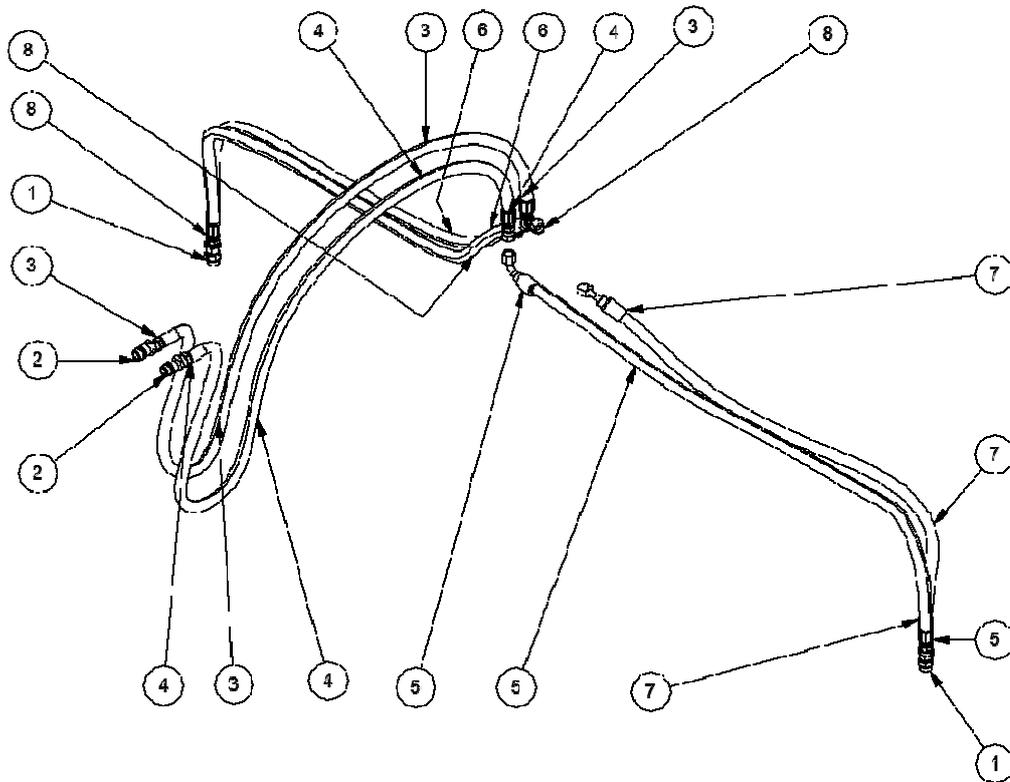
DETAIL A

Hydraulic



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	100173	Diverter Mount Bracket
2	3	5315*8*10	Fitting
3	2	5515*8*10	90 Elbow Fitting
4	2	5706*8	Swivel Nut Run Tee
5	1	5707*8	JIC & Swivel Branch Tee
6	1	7237*10	O-ring Male Plug (-10)
7	1	DH106	diverter valve
8	1	H24508-608-668	Loop Hose

Hydraulic



Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	5315*9*10	Fitting	5	1	H24508-808-888-56	Right A Hose
2	2	8010-4	1/2 Male Tip	6	1	H24508-808-888-44	Left A Hose
3	1	H24508-808-108-75	Hose B	7	1	H24508-808-888-49	Right B Hose
4	1	H24508-808-108-75	Hose A	8	1	H24508-808-888-49	Left B Hose

WARRANTY



All new Reist machinery is warranted to be free from defects in material or workmanship, which may cause failure under normal usage and service when used for the purpose, intended, for a period of 12 months. This warranty applies only to a new Reist product, there being no warranty of any nature in respect to new products that have been modified or altered, repaired, neglected, or used in any way, which, in the opinion of Reist adversely affects its performance.

In the event of failure of a part or parts, and upon inspection, Reist is satisfied that failure is due to defective material or workmanship within 12 calendar months, from the date of delivery to an end user, such defective part or parts will be repaired or replaced by Reist at his business location. It is the responsibility of the buyer, at his expense, to transport the machine or equipment to the manufacturer service shop or, to an authorized service depot or, alternatively, to reimburse Reist for any travel or transportation expense involved in fulfilling this warranty.

When requested by Reist, part or parts shall be returned for inspection, transportation prepaid, to a place designated by Reist. **IN NO EVENT SHALL THE BUYER BE ENTITLED TO RECOVER FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOSS OF PRODUCT, INCONVENIENCE, RENTAL OR REPLACEMENT EQUIPMENT, LOSS OF PROFIT, OR OTHER COMMERCIAL LOSS.**

This warranty becomes void and null if the equipment is modified, breaks down as the result of an accident, is not operated according to manufacturers recommendations, damaged by negligence or if maintenance has not been carried out as specified.

THIS WARRANTY IS NOT TRANSFERABLE

Proof of Purchase

Date of purchase (yyyy mm dd)		Model	Serial #	
Dealer purchased from		City	State or Province	Country
First Name	Last Name		Phone # (include area code)	
Address			State or Province	Country
City	Postal Code	Reist Industries Inc. 100 Union St. Elmira Ontario N3B 2Z2		519-669-1501

Proof of Purchase

Date of purchase (yyyy mm dd)		Model	Serial #	
Dealer purchased from		City	State or Province	Country
First Name	Last Name		Phone # (include area code)	
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