

**Kubota RTV Xtra Duty
Plow Kit
6' Wide Snow Plow (Self contained Hyd.)
(V5060)**

The contents of this envelope are the property of the owner.
Be sure to leave with the owner when installation is complete.

IMPORTANT: Please read the installation instructions thoroughly before beginning. Installation of any item is easier if the vehicle is clean and free of debris.

These V5060 instructions are only valid for attachment to RTV-X900 , RTV-X1120 , RTV-X1100 utility vehicles.

Note: Front Heavy Duty Springs (V5218) or Heavy Duty Spring Damper Assembly (V5219) are required if plow is installed

**Approximate Installation Time: 2 - 3 Hours
Total weight = 305 LBS for Entire Kit**



▲ WARNING

Do not attempt to install or operate this plow until you read and understand all warnings and instructions in this manual or on the plow. Failure to read all warnings and instructions could lead to serious injury or death.



NOTICE

Curtis Cabs, blades and general accessories add additional weight to the base vehicle. All Curtis accessory weights are listed in product brochures. Deduct the accessory's total weight from the vehicle's rated capacity and never exceed the vehicle's rated capacity including driver and passenger.

SAFETY INFORMATION:

⚠ WARNING: Cabs, blades, and general accessories add additional weight to the base vehicle. Deduct the accessory's total weight from the vehicle's rated capacity including driver and passenger. Never operate the vehicle outside of its rated weight capacity.

⚠ WARNING: **Exposure to Carbon Monoxide can cause illness, serious injury or death.** Never operate vehicle if suspicious of Carbon Monoxide. Inspect exhaust system for leaks monthly. Leaks can result from loose connections, corrosion, cracks or other damage to the exhaust manifold. If leaks are found, repair or replace exhaust system. Do not use vehicle until repair or replacement is complete.

⚠ WARNING: **Serious injury or death:**

- Never stand or ride on the plow assembly.
- Never operate the plow near pets or other people.
- Never leave the vehicle running unattended with plow attached.
- Never plow or carry plow at high speeds.
- Never clean or perform maintenance with plow raised.
- Never clean or service with plow in tripped condition.
- Never dislodge an obstruction with any part of the body.
- Warning - This attachment affects the handling performance.
- Warning - Before starting installation park RTV in a flat area, ensure parking brake is engaged, and engine is turned off.

HELPFUL REMINDERS:

- A. Check carton contents prior to beginning installation.
- B. Work in an organized area large enough to fit vehicle and plow.
- C. Have the required tools ready to speed up the installation time.
- D. Have a helper available to help move heavy parts and assemblies.

The Installation should be done by “qualified personnel”.

MAINTAINANCE NOTES:

- **Check and tighten all fasteners in the plow assembly and vehicle mounting after initial use and every 5 hours of use thereafter.**
- **After every 10 hours of use, lubricate all pivot bolts, pins, snap lock latches, and any other moving parts in the plow assembly with all-season grease.**

Tools Required:

Set of standard and metric sockets
 Set of standard and metric open end wrenches
 One 3/8" Drive Ratchet
 Tap M12 X 1.25
 Pliers

Electric or Cordless Hand Drill and Drill Bits
 File or Burr Removal Device
 Torque Wrench
 Dielectric Grease
 AW-31 Plow Oil

1. PRELIMINARY:

- 1.1 **Warning** Disconnect the battery. Disconnect the negative battery terminal first then the positive terminal second.
- 1.2 Remove and discard the two M12 bolts holding brush guard or front bumper to the front suspension cross member. The two bolts will not be reused with the snow blade mounting frame installed. See Fig 1.1.
- 1.3 Open the vehicle hood.
- 1.4 Run an M12 x 1.25 tap thru all six (6) mounting holes in the brush guard or front bumper and the rear mounting surface. To clean powder coat from holes and prevent mounting bolt from stripping. Making sure they are clean and free of paint.

2. MOUNTING FRAME:

- 2.1 Position the mounting frame so that the four holes in the front plate and the two holes in the rear bracket line up with the corresponding threaded holes in the brush guard and front skid plate of the vehicle.
- 2.2 Per Fig 2.1 & 2.2, Install four M12 x 1.25 x 35mm bolts (A) and 12mm lock washers (B) through the holes in the brush guard and two M12 x 1.25 x 35mm bolts (C) and 12mm lock washers (D) through the holes in the rear bracket of the mounting frame, threaded into the holes in the front cross angle and front skid plate of the vehicle. Check for fit up and if need be shim rear mounting plate with shims provided. Torque the M12 bolts (A & C) to (60 lb-ft) (81 N-m).

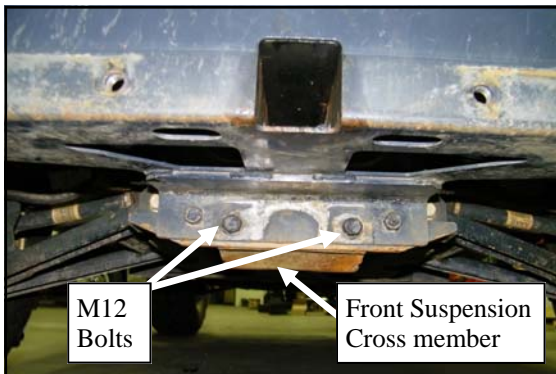


Fig 1.1 Mounting Hitch Front Mounting Plate

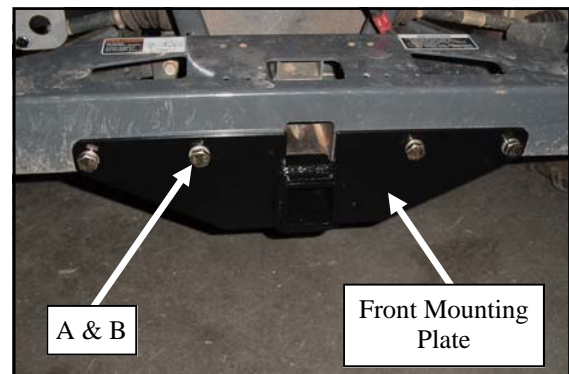


Fig 2.1 Mounting Hitch Front Mounting Plate

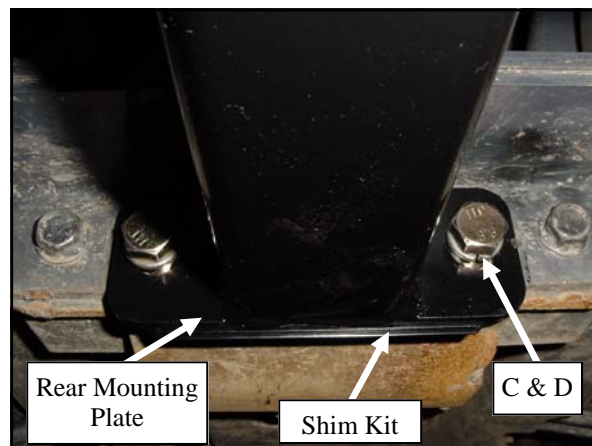


Fig 2.2 Mounting Hitch Rear Mounting Plate

3. CONTROL SWITCH & WIRING: RTV-X900 & RTV-X1120

(NOTE: For RTV X1100 Skip to step 3A.)

- 3.1 From the front of the vehicle route the 10 ga. Black and Red ring terminal wires, the 16 ga. Black male bullet connector and the 16 ga. Brown ring terminal part of the wiring harness under the vehicle along the coolant and hydraulic lines back to the battery compartment.
- 3.2 See Fig 3.1 and 3.2 for the approximate location of mounting the power solenoid. Per photo 3.1, locate the driver's side black, plastic, molded side panel. To expose the area shown in Fig 3.2, remove the side panel. This will entail removing two (2) thumb screws on the driver's side of the unit. Position the Solenoid approx. as shown and drill a 9/32" hole. Slide the 10 ga. Black ground wire ring terminal from the battery wire harness and the main wire harness over the 1/4-20x1" long hex head cap screw and fasten Solenoid and wires to chassis with 1/4-20x1" long hex head cap screw noted above and 1/4-20 hex nut shown in Fig 3.2.

IMPORTANT NOTE: The 10 ga. black ground wire must have good electrical contact with the vehicle chassis.

- 3.3 Route the Red 10 ga wire from the Main wire harness to the post on the solenoid as shown in Fig 3.3. Then attach the Red 10 ga. wire from the rear battery wiring harness to the opposite post on the solenoid.



Fig 3.1 Left side view of RTV X900-X1120

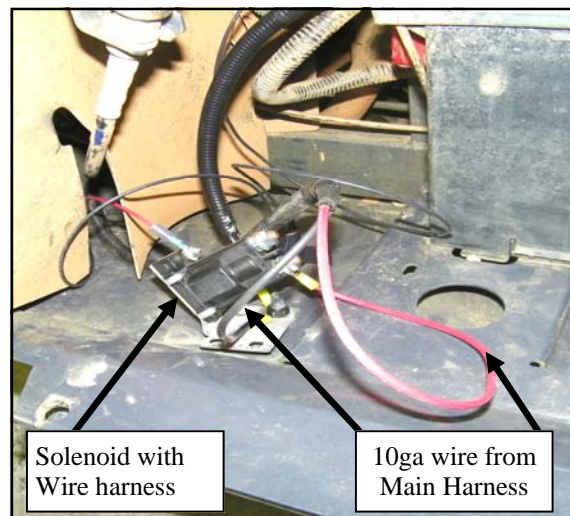


Fig 3.2 Left side view of RTV X900—X1120 with molded side panel removed

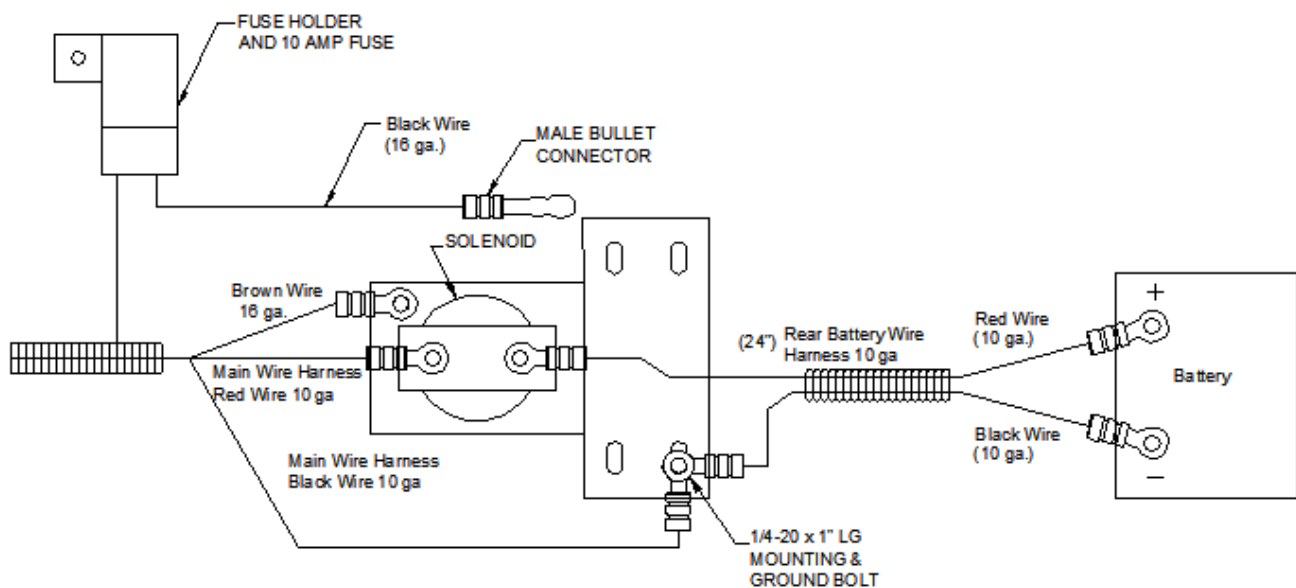


Fig 3.3

- 3.4 Attach the ring terminal end of the 16 ga. Brown wire onto the smaller stud at the base of the solenoid and tighten with nut supplied.
- 3.5 Route the male bullet terminal end of the 16 ga. black wire to the vehicle wiring harness located under the seat and outside of the driver's side frame rail and connect it to the first of the three open female bullet terminal ends in the vehicle wiring harness. The female bullet terminals are usually covered in blue tape. (This should be a key controlled connection) See Fig 3.4
- 3.6 From there, route the 9 pin Controller plug just under the dash on the driver's side and cable tie to cross tube under the dash for easy access (NOTE: make sure wires do not interfere with operation of pedals). See Fig 3.6
- 3.7 Route the 7 pin connector of the wiring harness up front and to the passenger's side of the vehicle. Routing it down behind the grill and exiting below it on the passenger's side securing it to the front brush guard with (2)1-1/2" p clamps to the bracket on the 7 pin connector with #10 screws and nuts provided in wire harness kit. Then coat inside of the 7 pin connector pins with dielectric grease. See Photo 3.7
- 3.8 Check the routing of both the front and rear wiring harnesses to be sure they are away from heat sources and moving parts. Secure harnesses in place using cable ties. Close the vehicle hood.
- 3.9 Plug the controller into the 9 pin connector under the dash. Keep the switch turned to the off position until you are ready to use the plow. Turn the controller on with switch on top of unit before use.

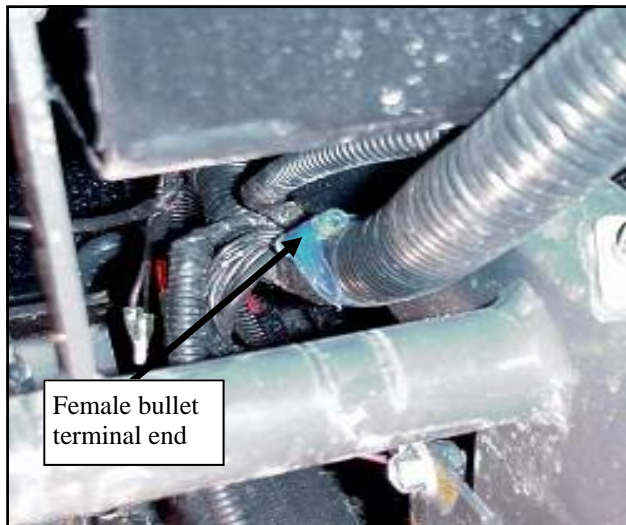


Fig 3.4

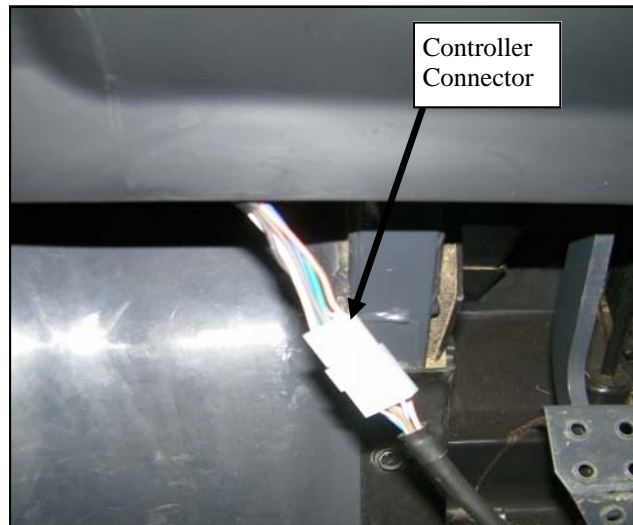


Fig 3.5

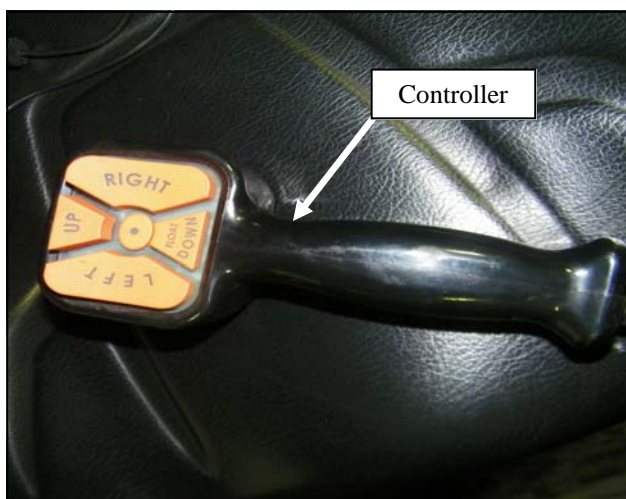


Fig 3.6

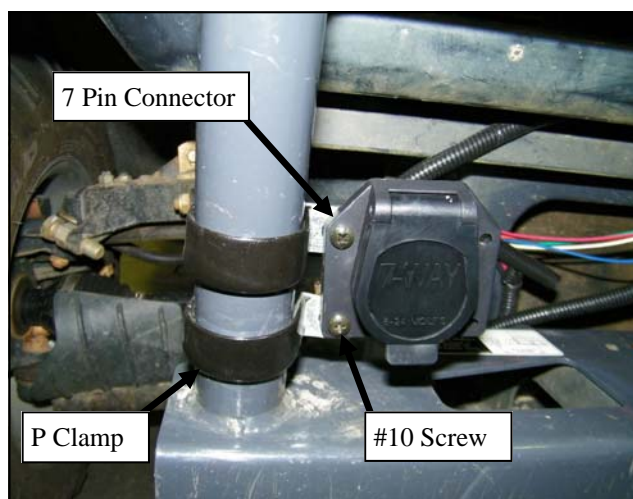


Fig 3.7

3A. CONTROL SWITCH & WIRING: RTV-X1100C

- 3A.1 From the front of the vehicle, route the 10 ga. Black and Red ring terminal wires, the 16 ga. Black male bullet connector and the 16 ga. Brown ring terminal part of the wiring harness under the vehicle. Route the wiring harness along the hydraulic dump cable as shown in Fig 3A.6 , 3A.7 and 3A.8
- 3A.2 See Fig 3A.1 and 3A.2 for the approximate location of mounting the power solenoid. Per photo 3A.1, locate the driver's side black, plastic, molded side panel. To expose the area shown in Fig 3A.2, remove the side panel. This will entail removing two (2) thumb screws on the driver's side of the unit. Position the Solenoid approx. as shown and drill a 9/32" hole. Slide the 10 ga. Black ground wire ring terminal from the battery wire harness and the main wire harness over the 1/4-20x1" long hex head cap screw and fasten Solenoid and wires to chassis with 1/4-20x1" long hex head cap screw noted above and 1/4-20 hex nut shown in Fig 3.2.
- IMPORTANT NOTE:** The 10 ga. black ground wire must have good electrical contact with the vehicle chassis.
- 3A.3 Route the Red 10 ga wire from the Main wire harness to the post on the solenoid as shown in Fig 3A.3. Then attach the Red 10 ga. wire from the rear battery wiring harness to the opposite post on the solenoid.
- 3A.4 Attach the ring terminal end of the 16 ga. Brown wire onto the smaller stud at the base of the solenoid and tighten with nut supplied.

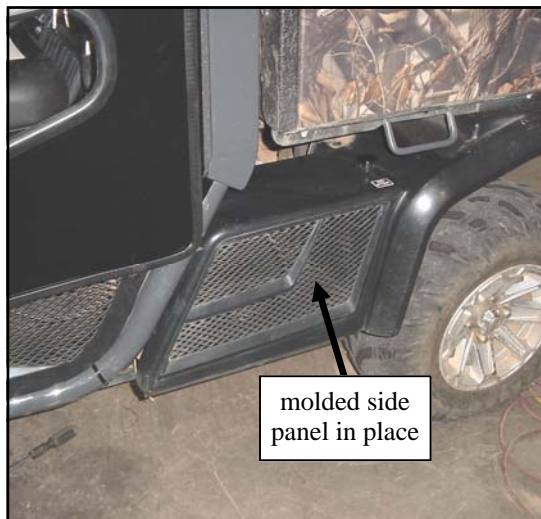


Fig 3A.1 Left side view of RTV X900-X1120

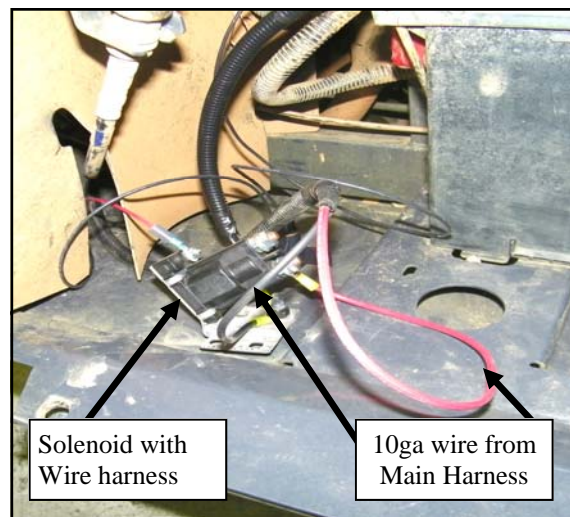


Fig 3A.2 Left side view of RTV X900—X1120 with molded side panel removed

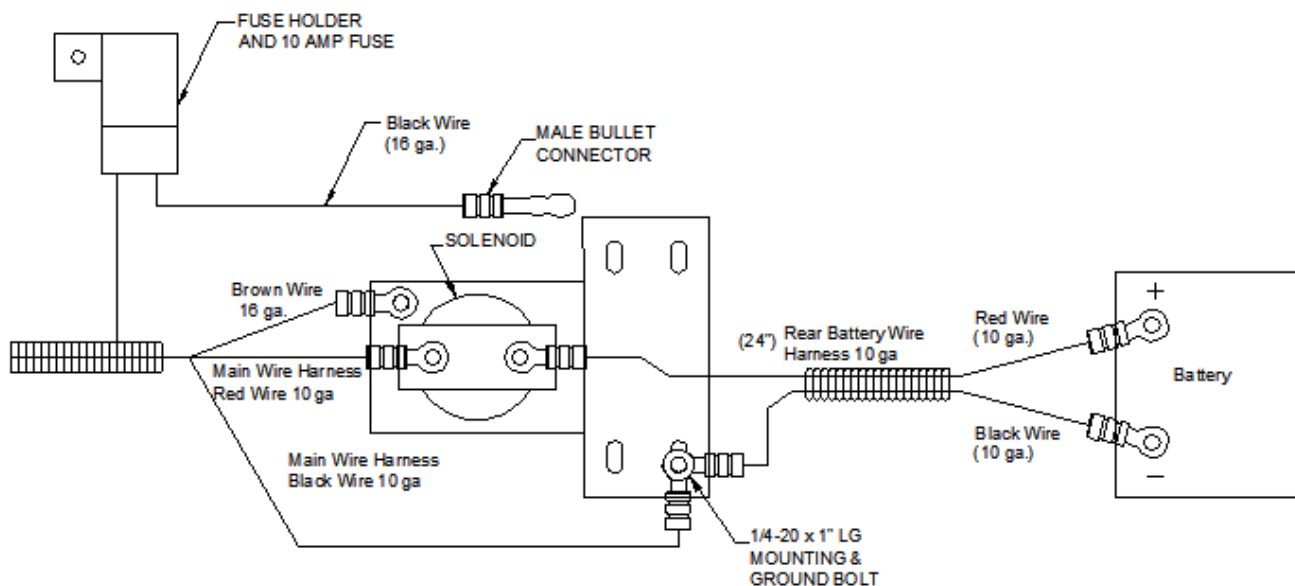


Fig 3A.3

3A. CONTROL SWITCH & WIRING: RTV-X1100C

- 3A.5 Route the male bullet terminal end of the 16 ga. black wire to the vehicle wiring harness located under the seat and outside of the driver's side frame rail and connect it to the first of the three open female bullet terminal ends in the vehicle wiring harness. (This should be a key controlled connection) See Fig 3A.4
- 3A.7 This connector is protected by fuse marked in Fig 3A.5.
- 3A.8 From there, route the 9 pin Controller plug just under the dash on the driver's side and cable tie to cross tube under the dash for easy access (NOTE: make sure wires do not interfere with operation of pedals).
- 3A.9 Route the 7 pin connector of the wiring harness up front and to the passenger's side of the vehicle. Routing it down behind the grill and exiting below it on the passenger's side securing it to the front brush guard with (2) 1-1/2" p clamps to the bracket on the 7 pin connector with #10 screws and nuts provided in wire harness kit. Then coat inside of the 7 pin connector pins with dielectric grease. See Photo 3A.7
- 3A.10 Check the routing of both the front and rear wiring harnesses to be sure they are away from heat sources and moving parts. Secure harnesses in place using cable ties. Close the vehicle hood.
- 3A.11 Plug the controller into the 9 pin connector under the dash. Keep the switch turned to the off position until you are ready to use the plow. Turn the controller on with switch on top of unit before use.



Fig 3A.4



Fig 3A.5



Fig 3A.6

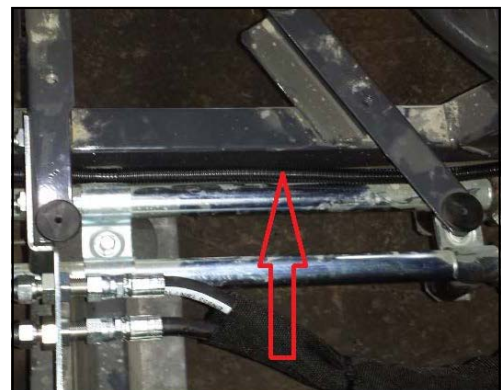


Fig 3A.7

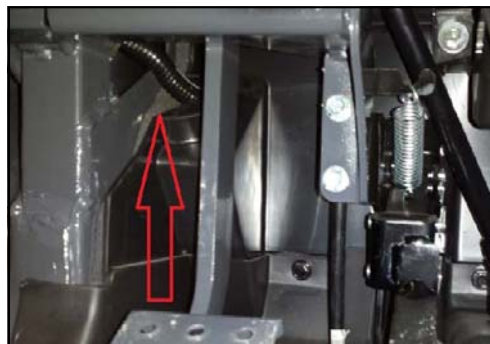


Fig 3A.8

4. Trip-frame to Moldboard Assembly

- 4.1. Per fig 4.1, locate the steel moldboard, trip frame, two 1/2-13 x 2" bolts, and two 1/2-13 Nylock locking nuts. Apply all-season grease to the mating surfaces on the trip frame and moldboard rib. As shown, line up the mounting hole in the trip frame with the mounting hole on the moldboard rib (near the bottom). Install into the mounting holes a 1/2-13 x 2" bolt as shown. Install a 1/2-13 Nylock nut on the back side of the bolt. Repeat installation of hardware for the right side, orienting the bolt head to face away from the center of the moldboard. Tighten the Nylock nuts until all thread slack is removed from the assembly while allowing the trip-frame to rotate freely.

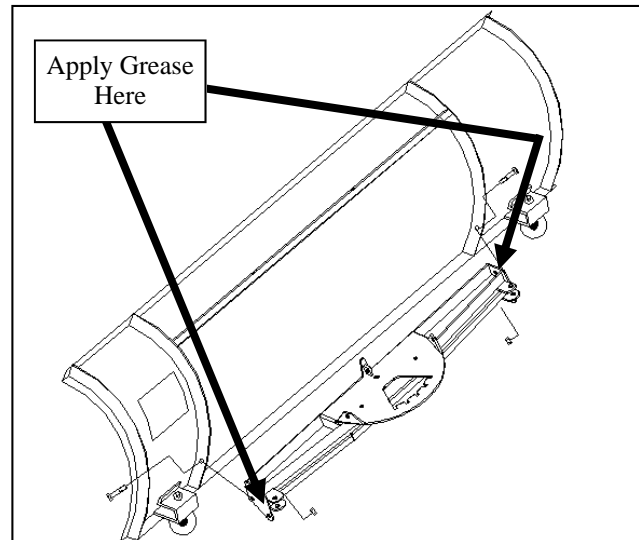


Fig. 4.1—Trip Frame to Moldboard

5. Trip Spring Installation

- 5.1 Per fig 5.1, locate the two trip springs, two eye bolts, two 3/8-16 Nylock hex nuts, and two 3/8" washers.
- 5.2 *Note: Trip frame is shown an exaggerated distance away from moldboard to clarify trip spring placement.* Per Fig 5.2, hook one end of the trip spring through the lower trip spring mount. Hook the eyebolt on the other end of the spring and insert the threaded section up through the hole in the upper spring mount. Install a 3/8" washer, then a 3/8 Nylock hex nut on the eyebolt. Repeat above for the second trip spring.
- 5.3 Set the spring tension by tightening the Nylock nut until a sheet of paper can slide between two coils on the spring. Be sure to set tension evenly in both springs.



Fig 5.1—Trip Springs and Hardware

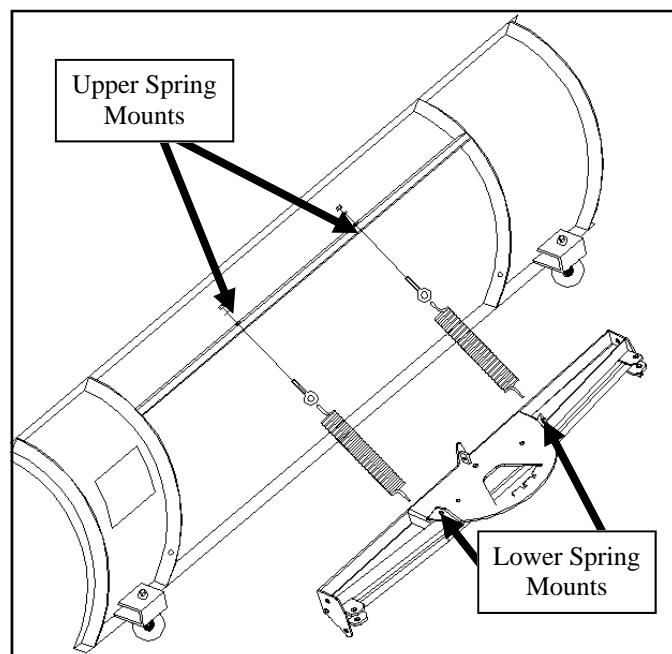


Fig. 5.2—Trip Spring Installation

6. A-Frame Installation

- 6.1 Per fig 6.1, locate the A-frame, one 1/2-20 x 3.5" hex head bolt, one 1/2-20 conical locking hex nut, and one 1/2" washer. Apply all-season grease to the top and bottom surface of the A-frame around and in the 1/2" bolt hole. Grease should extend about an inch away from the center of the hole.
- 6.2 Per fig. 6.2, slide the A-Frame into the trip frame pocket, aligning the 1/2" bolt holes on both assemblies. Install the 1/2-20 x 3.5" hex head bolt with a 1/2" washer under the head of the bolt and under the lock nut. Tighten until all slack is removed from the bolt while the A-frame is allowed to rotate freely in the trip frame pocket.
- 6.3 Apply grease to the under side of the Pinch Guard in the area where it will contact the trip frame. Position the angle latch bracket with the spacers down and with the four holes lined up with the corresponding holes in the top of the A-Frame. Fasten the bracket using four 1/2-13 x 1 1/2" hex head bolts. Make sure the A-Frame pivots in both directions.

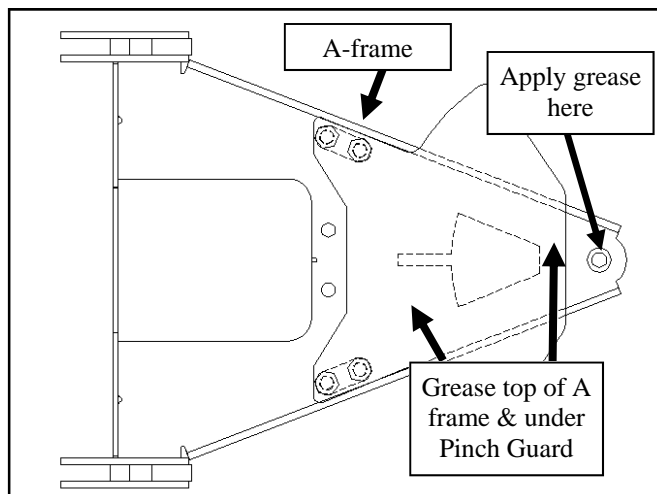


Fig. 6.1—A-Frame and Hardware

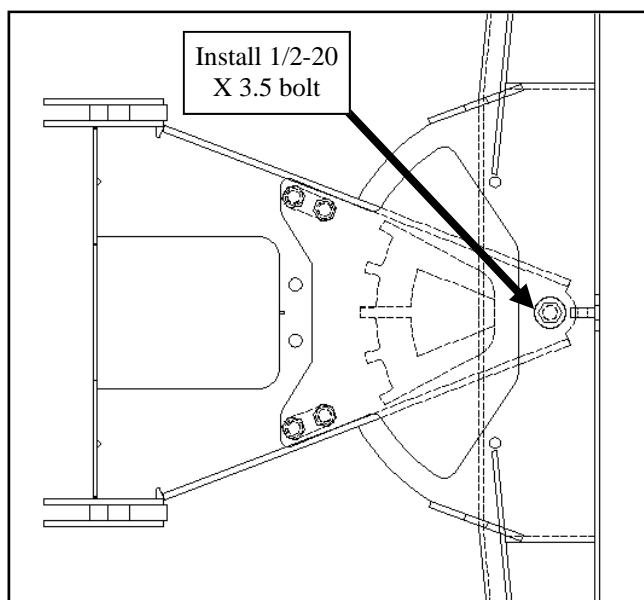


Fig. 6.2—A-Frame and Trip Frame

7. Chain/Winch Shackle Installation

- 7.1 Locate the Lift Chain Shackle per fig 7.1
- 7.2 Per fig 7.2, slide Lift Chain through shackle then insert the clevis pin on the lift chain shackle into the lifting hole on the trip frame. Slip Cotter pin into hole on clevis pin and bend back to lock in place.



Fig. 7.1—Lift Chain Shackle

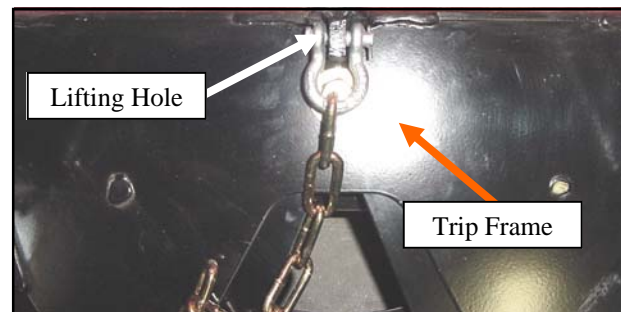


Fig. 7.2—Shackle installed on Trip Frame

8. Blade Marker Installation

- 8.1 Per fig. 8.1, locate the blade marker kit.
- 8.2 Per fig 8.2, find the blade marker mounting holes on upper portion of the moldboard. Align the holes on the blade marker with the holes on the upper corner of the moldboard. Install two 5/16" hex head bolts and two Nylock hex nuts supplied in the blade marker kit. Use a 5/16" washer under the Nylock hex nuts. Repeat step 8.2 to install the blade marker on the opposite side of the moldboard.



Fig. 8.1—Blade Marker Kit

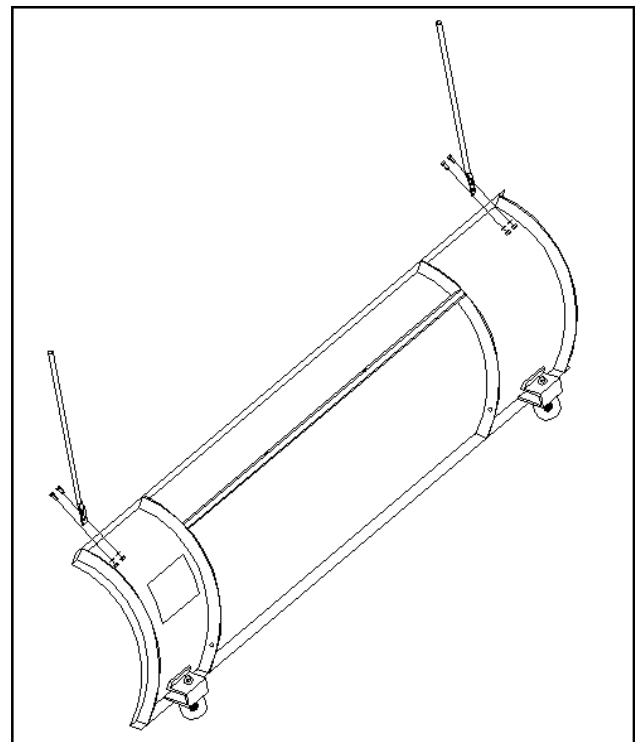


Fig. 8.2—Blade Marker Installation

9. Attach Lift Arm to Lift Frame

- 9.1 Apply thread sealer on 45° Elbow and thread into port on lift cylinder. Making sure it points towards the piston end of the cylinder.
- 9.2 Apply grease to the pivot holes of the Lift Arm, Lift Cylinder, and the Upper Lift Frame. Place the fixed end of the Lift Cylinder between the vertical plates of the Lift Frame, Make sure that the hydraulic inlet is pointing away from the machine, line up lower hole in lift frame with rod hole in Lift Cylinder.
- 9.3 Place 1/2" x 2 1/2" clevis pin in place to hold. Place the back end of the Lift Arm between the vertical plates of the Lift Frame.
- 9.4 Line up upper hole in lift frame with rear hole in lift arm. Place 1/2" x 2 1/2" clevis pin in place to hold.
- 9.5 Place the piston end of the Lift Cylinder between the plates of the Lift Arm as shown, line up holes and place 1/2" x 2" clevis pin in place to hold. Then insert cotter pins in all (3) clevis pins to lock in place per Fig 9.1

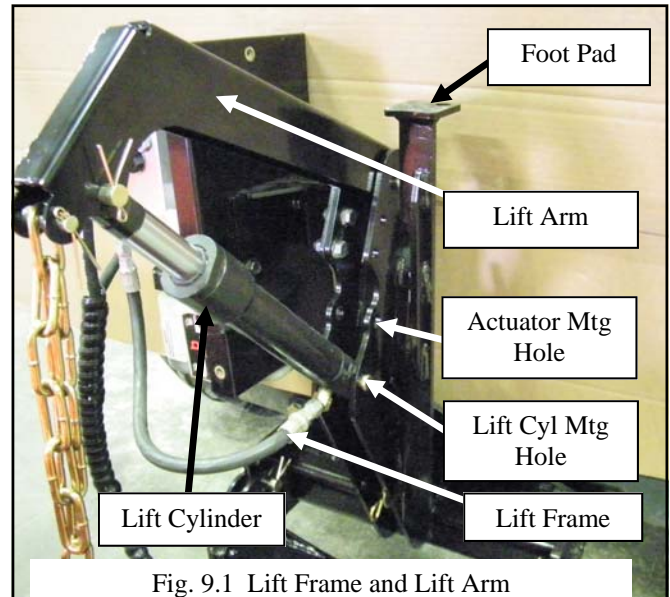


Fig. 9.1 Lift Frame and Lift Arm

10. Install Lift Frame Into Receiver

- 10.1 Apply grease to the stem of the lift frame and the inside of the receiver. Move the lift frame to the receiver of your vehicle so that the stem on the lift frame is lined up with the female end tube of the receiver hitch.
- 10.2 Push the lift frame into the receiver hitch until the holes align making sure the lift frame clears the bumper and grill of your vehicle.
- 10.3 See Figure 10.1. Install pin thru hole on receiver and lift frame stem and secure. See Fig 10.2



Fig. 10.1—Lift Frame and Receiver Setup



Fig. 10.2—Lift Frame and Receiver Pin (Under Vehicle)

11A. Attach Jack Leg in Stowed Position

- 11A.1 Install the Rear Jack Leg in the stored position.
- 11A.2 Place two pins on the rear jack leg into the two holes on the driver's side lift frame vertical plates. Place flat washers over Jack Leg pins and insert cotter pins to hold in place See Fig. 11.1A and 11.1B.

11B. Jack Leg Operation

- 11B.1 Before removing plow from vehicle, remove the two cotter pins and flat washers from the jack leg and flip the leg over so that the foot pad is down.
- 11B.2 Make sure that the hook on the leg captures the back strap of the a-frame. Re-install leg through the original holes and attach with washers and pins. Per figure 11.2

⚠ Warning:

Never operate plow with rear jack leg in lower position. Damage will occur.

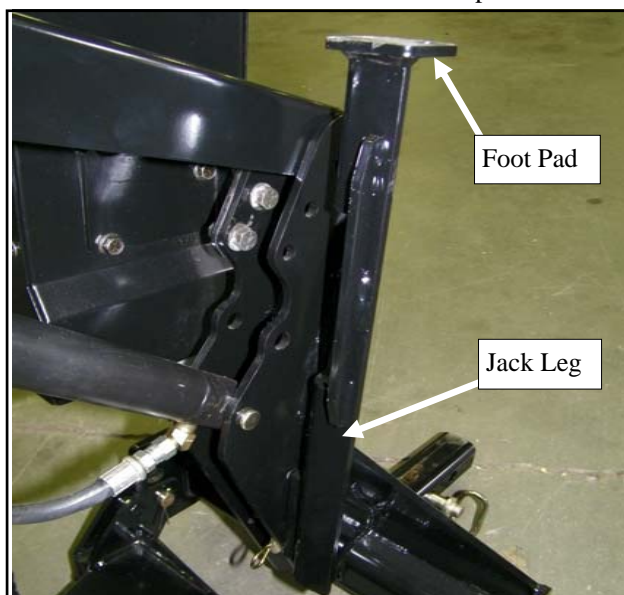


Fig. 11.1A—Jack Leg Stowed



Fig. 11.1B— Jack Leg Pins



Fig. 11.2—Jack Leg in use

12. Attach A-Frame to Lift Frame

- 12.1 Apply grease to the pivot holes in the rear of the A-Frame and the lower Lift Frame.
- 12.2 Align the Tabs of the A-Frame with tabs on the Lift Frame. Three pivot holes are provided on lift frame to accommodate varying vehicle heights.
- 12.3 Make sure A-Frame is level with the ground and insert $\frac{3}{4}$ " x 2" long clevis pin into the appropriate hole. Double check for level and install cotter pins.
- 12.4 Adjust Lift Arm and Lift Cylinder so that 2" of chrome on the list cylinder is showing. Attach lift chain to Lift Arm with clevis pin so that a slight amount of slack is left in the chain.

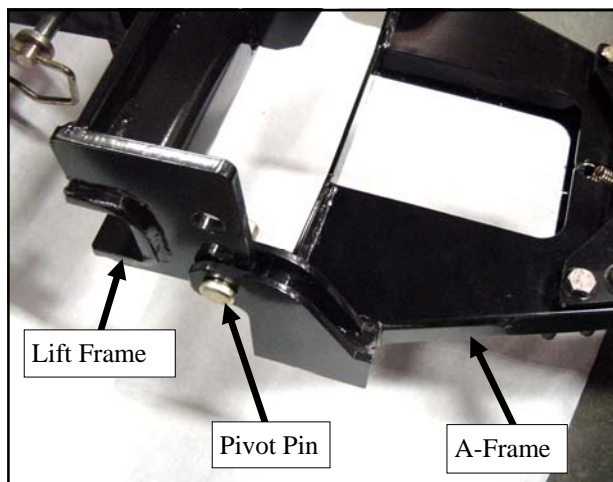


Fig. 12.1 A-Frame and Lift Frame Mounting Tabs



Fig. 12.2 A-Frame and Lift Frame Mounting Tabs



Fig. 12.3 Attach Chain

13. Pump to Lift Frame

13.1. Per fig 13.1, Position Pump Assy, Side cover and Mounting bracket up against the top of the lift frame matching up mating holes on lift frame and mounting bracket. Using the two 3/8-16 x 1" bolts, and two 3/8-16 Nylock nuts, attach bracket to lift frame. Tighten the Nylock nuts until all thread slack is removed from the assembly.

13.2 Per figure 13.4, plug the 7 pin connector from the hydraulic pump and motor assembly into the vehicle end of the 7 pin connector.

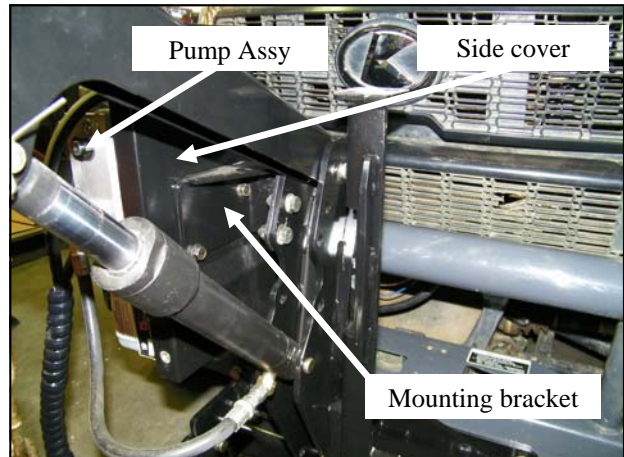


Fig. 13.1—Pump and cover installation

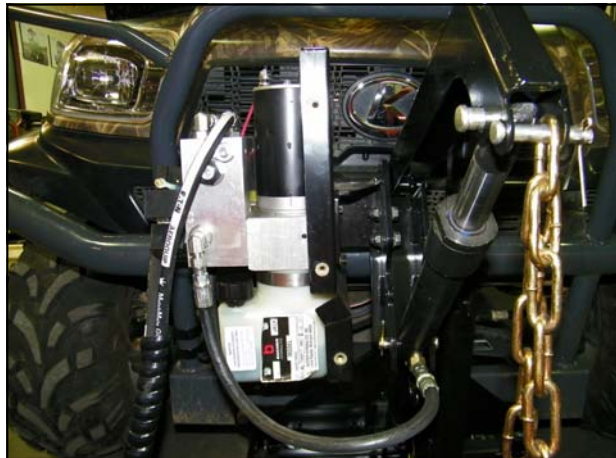


Fig. 13.2—Pump and cover installation



Fig. 13.3—Pump and cover installation



Fig. 13.4—7 Pin Connector

14. HYDRAULIC ANGLE CYLINDERS AND LIFT CYLINDER:

- 14.1 Apply thread sealer on 90° Elbow and thread into port on angle cylinder. Making sure it one points towards the piston end of the cylinder and one points towards the fixed end of the cylinder.
- 14.2 Place the fixed end of each angle cylinder into its respective bracket under the plow A- frame making sure that 90° Elbow is in orientation shown. Insert 1/2"-13 x 4 1/2" bolts through the plow A- frame, the stationary ends of the angle cylinders, and the lower cylinder brackets of the A-frame. Fasten and tighten using 1/2-13 lock nuts. See Fig. 14.1. (Do not over tighten, 1-3 threads should be showing past nut)
- 14.3 Attach the piston end of the angle cylinders between the brackets at the outer ends of the back side of the plow trip frame using 1/2-13 x 2 1/2" bolts. Fasten and tighten using 1/2-13 lock nuts. See Fig. 14.2. (Do not over tighten, 1-3 threads should be showing past nut)
- 14.4 Attach and tighten the free end of each of the 40" long hydraulic hoses to the swivel elbow in its respective angle cylinder. The hydraulic hose exiting the top of the pump and facing out the front of the pump will be attached to the left side cylinder (drivers side). See Fig. 14.3.
- 14.5 Attach and tighten the swivel end of the 12" long hydraulic hose to the elbow on the fixed end of the lift cylinder that was installed in step 9. See Fig 14.4.

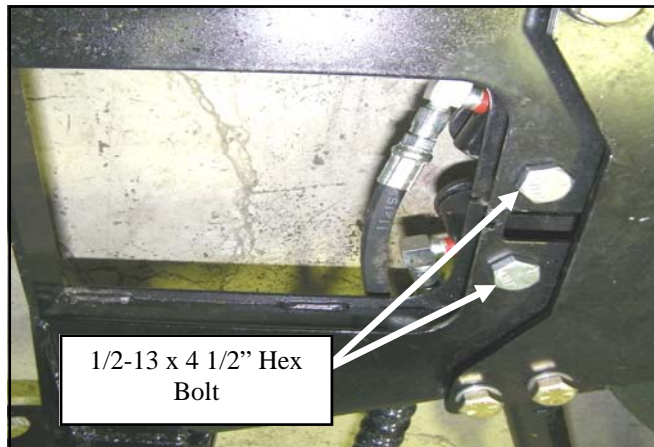


Fig. 14.1 Angle Cylinder
Fixed End

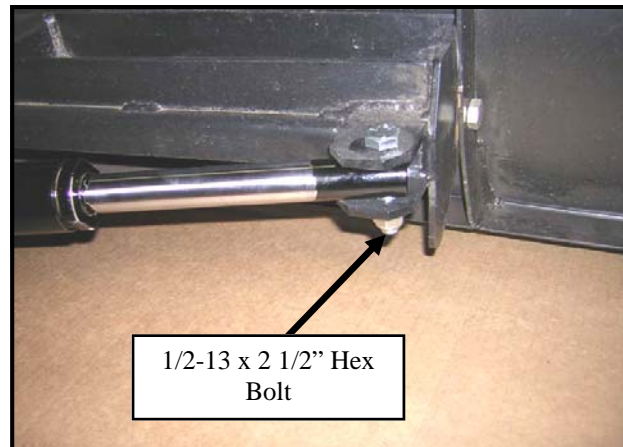


Fig. 14.2 Angle Cylinder
Piston End

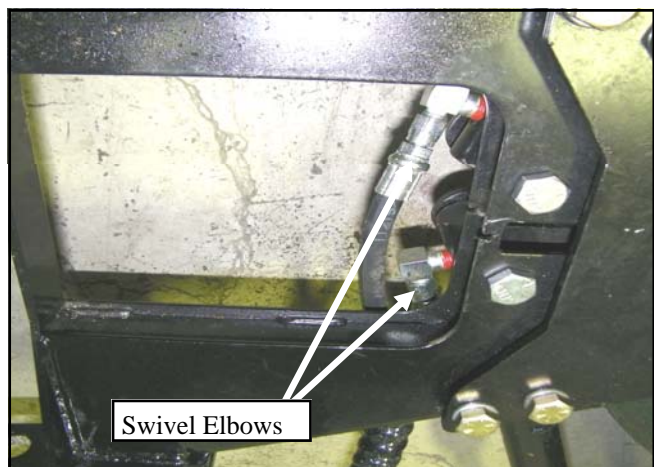


Fig. 14.3 Angle Cylinders fixed End Hose
orientation

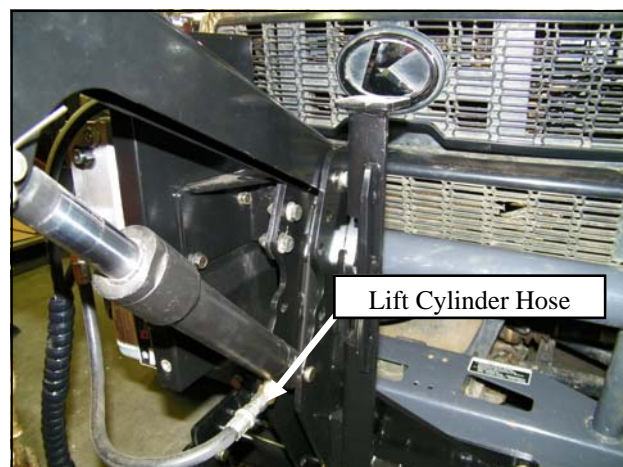


Fig. 14.4 Lift Cylinder Hose orientation

15. FILL THE SYSTEM:

- 15.1 At this point hook the battery terminals up to the main wiring harness connecting the positive leads first then the negative leads last.
- 15.2 Loosen the clamp on the hydraulic tank below the pump and rotate the tank counter clockwise until the filler cap is clear of unit.
- 15.3 Remove the filler cap and fill tank with electric plow oil (AW32). Stand clear of the plow. Turn the controller on and then using the controller, work the cylinders left and right and up and down a few times working the air from them, make sure oil is about 1/2" from top of tank. If the oil level in the tank gets low, add to it until the system is bled of air.
- 15.4 Replace oil filler cap and rotate tank back to original position and tighten clamp. See figure 15.1
- 15.5 Place cover over pump and bracket and attach with (7) 1/4-20 screws provided. See Figure 15.2
- 15.6 Double check all connections and re-tighten all bolts and unit is ready for operation.

USE ONLY ELECTRIC PLOW OIL (AW32)

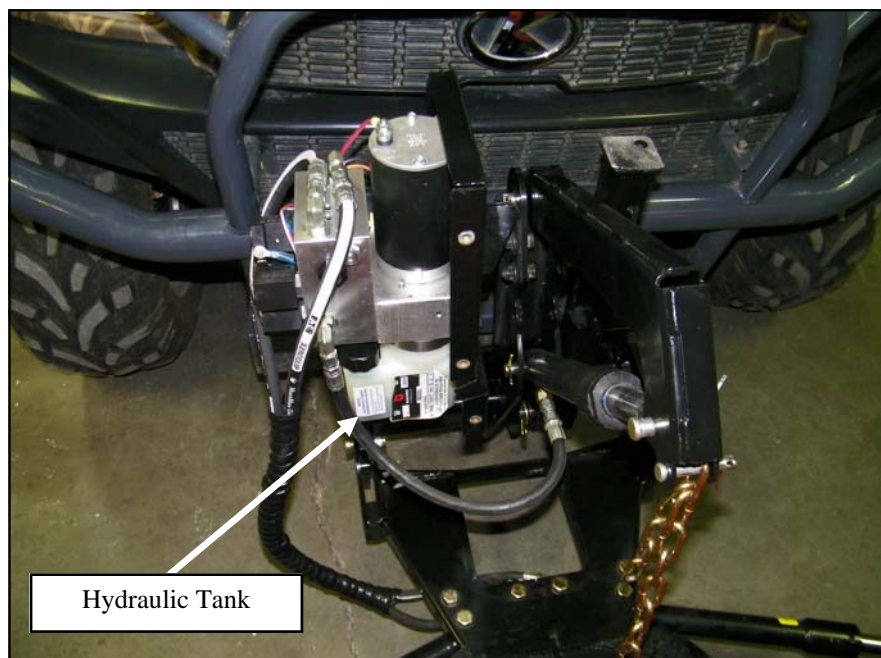



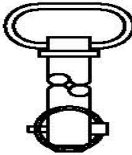






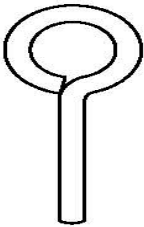





















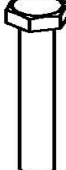
Fig. 15.1 Hydraulic tank



Fig. 15.2 Final Assembly

Kubota RTV Xtra Duty Plow Kit

HARDWARE

	1X - 3/8" x 2" CLEVIS PIN		1X - 5/8 X 5 3/4 LG HITCH PIN W/LYNCH PIN
	1X - 1/2" x 2" CLEVIS PIN		4X - 1/2 -13 X 1 1/2" HEX HEAD BOLT
	2X - 1/2" x 2 1/2" CLEVIS PIN		4X - 1/2" LOCK WASHER
	2X - 3/4" x 2" CLEVIS PIN		2X - 1/8" COTTER PIN HAIR PIN X 2.56 LG
	2X - 3/8" x 2 1/2" EYE BOLT		15X - 5/16-18 X 1 1/4" CARRIAGE HEAD BOLT
	2X - 3/8" FLAT WASHER		7X - 5/16" FLAT WASHER
	2X - 3/8"-16 NYLON INSERT LOCKNUT		15X - 5/16"-18 NYLON INSERT LOCKNUT
	1X - 1/2 -20 X 3 1/2" HEX HEAD BOLT		5/16" FLAT WASHER FENDER
	4X - 1/2 -13 X 2 1/2" HEX HEAD BOLT		4X - 5/16-18 X 1" HEX HEAD BOLT
	3X - 1/2" FLAT WASHER		7X - 1/4-20 x 3/4 HEX FLANGE HEAD BOLT
	6X - 1/2-13 NYLON INSERT LOCKNUT		1X - 1/4-20 X 1" HEX HEAD BOLT
	1X - 1/2-20 GRADE "C" LOCKNUT		1X - 1/4-20 NYLON INSERT LOCKNUT
	6X - M12X1.25 X 35 LG HEX HEAD CAP SCREW		2X - 5/16-18 X 3/4" HEX HEAD BOLT
	6X - M12 LOCK WASHER		2X - 3/8-16 X 1" HEX HEAD BOLT
			2X - 3/8"-16 NYLON INSERT FLANGED LOCKNUT
			8X - 1/4 X 12" LG NYLON WIRE TIE
			2X - 1/2 -20 X 4 1/2" HEX HEAD BOLT

Kubota RTV Xtra Duty Plow Kit

Part	Description	Kubota Part Number		Part Number	Qty.
1	Cutting Edge	70000-01088		KAF25-039E	1
2	Steel Moldboard - Xtra Duty	70000-xxxxx		SM-29.6V72-12B	1
3	Blade Marker Kit (sold as pair) w/hardware	70000-01011		1TBP37	1
4	Trip Spring (sold separately)	70000-01096		LAF25-039SP	1
5	Hardware Kit	77700-05221		KX9HWK-UTP	1
6	Trip Frame	70000-01093		KAF25-039P8	1
7	A-Frame	77700-05222		1TBP29LD	1
8	Lift Frame	77700-05223		1TBP38LD	1
9	Lift Arm	77700-05224		1TBP40LD	1
10	1" DIA. X 6" STROKE S.A HYDRAULIC CYLINDER			1TBP104	1
11	Jack Leg	77700-05226		1TBP106LD7	1
12	Pump Mounting Bracket	70000-xxxxx		1TBP-LDMB	1
13	Pump Mounting Cover (2 Pieces)	70000-xxxxx		1TBP-LDPMC	1
14	Skid Shoe Assembly (sold as pair) w/ washers and pins	70000-xxxxx		KAF25-060-S	1
15	Mounting Receiver	77700-05227		1TBP173	1
16	Receiver Shim Kit	77700-05228		SM-LDRHS	1
17	Wiring Harness	77700-xxxxx		KX9-UTPWH-HLA	1
18	Hydraulic Pump Assy w/valves and motor	77700-xxxxx		1TBP59LD-HPM	1
19	MJ x MB ADAPTER 90 DEG	77700-xxxxx		1TBP98LD-1	1
20	26" 4/0 Chain	70000-01186		V4208-18	1
21	5/16" 3/4 Ton Anchor Shackle	70000-01187		V4208-19	1
22	1/2" x 2 1/2" Clevis Pin w/Cotter pin	O.L.	N.S.S.	1VP14	2
23	1/2" x 2" Clevis Pin w/Cotter pin	O.L.	N.S.S.	1CP109	1
24	3/8" x 2" Clevis Pin w/Cotter pin	O.L.	N.S.S.	1CP110	1
25	3/4" x 2" Clevis Pin w/Cotter pin	O.L.	N.S.S.	1CP111	2
26	3/8" x 2 1/2" Eye Bolt	O.L.	N.S.S.	79-01-0001	2
27	3/8" Flat washer	O.L.	N.S.S.	71-00-0037	2
28	3/8-16 Nylon Insert Locknut	O.L.	N.S.S.	72-01-0027	2
29	1/2-20 x 3 1/2" Hex head Bolt Gr.8	O.L.	N.S.S.	70-00-0110	1
30	1/2-13 X 2 1/2" Hex head Bolt Gr 5	O.L.	N.S.S.	70-00-0111	4
31	1/2" Flat washer USS	O.L.	N.S.S.	71-00-0038	3
32	1/2-20 Grade "C" locknut	O.L.	N.S.S.	72-02-0026	1
33	1/2 -13 Nylon Locknut	O.L.	N.S.S.	72-21-0001	6
34	M12x1.25 x 35 Long Hex Head Cap Screw Class 8.8	O.L.	N.S.S.	70-00-0115	6
35	M12 Lock washer	O.L.	N.S.S.	71-15-0041	6
37	5/8 x 5-3/4 lg Hitch Pin w/lynch Pin	O.L.	N.S.S.	1SM1P2	1
38	1/8" Cotter Pin Hair Pin x 2.56 long	O.L.	N.S.S.	79-12-0010	2
39	1/2-13 x 1 1/2" Hex head Bolt Gr.8	O.L.	N.S.S.	70-00-0112	4
40	1/2" lock washer	O.L.	N.S.S.	71-15-0036	4
41	5/16-18 x 1 1/4" Carriage Head bolt	O.L.	N.S.S.	70-69-0002	15
42	5/16" Flat Washer USS	O.L.	N.S.S.	71-01-0003	7
43	5/16 -18 Nylon Locknut	O.L.	N.S.S.	72-01-0002	15
44	5/16" Flat Washer Fender	O.L.	N.S.S.	71-02-0007	8
45	5/16-18 x 1" long hex head bolt	O.L.	N.S.S.	70-00-0007	4
46	5/16-18 X 3/4" HEX HEAD BOLT (GRADE 8)	O.L.	N.S.S.	70-05-0064	2
47	5/16" Flat washer	O.L.	N.S.S.	71-00-0035	4

Kubota RTV Xtra Duty Plow Kit

P. 20 OF 20

48	Hand Held plow controller	77700-xxxxx		1HHC	1
49	40" hose	77700-xxxxx		HYDR04	2
50	12" hose	77700-xxxxx		HYDR05	1
51	Instructions			IM-V5061P1	
52	90° ELBOW WITH PATCH SEALANT FOR ANGLE CYLINDER			1TBP98G	2
53	45° ELBOW FOR LIFT CYLINDER	77700-05309		70-00-0021	1
54	1/4-20 X 3/4" HEX HEAD BOLT (GRADE 5)(PLATED)	O.L.	N.S.S.	72-21-0008	7
55	1/4-20 HEX FLANGE NUT NYLOC	O.L.	N.S.S.	70-05-0059	1
56	P-CLAMP	77700-05306		CLMP01	1
57	3/8-16 X 1" HEX HEAD BOLT	O.L.	N.S.S.	70-21-0010	2
58	3/8-16 HEX FLANGE NUT NYLOC	O.L.	N.S.S.	1TBP129	2
59	HARNESS SPIRAL WRAP CUT 16"			1TBP129	1
60	1/2-13 x 4 1/2" HEX HEAD BOLT (GRADE 5) (PLATED)	75599-01190		V4207P18	2
61	1" DIA. X 12" STROKE S.A. HYDRAULIC CYLINDER	70000-01198		V4207P1	2
62	1/4" X 12" BLACK NYLON WIRE/HOSE TIE	70000-01213		V4207P15	8
63	PINCH GUARD BRACKET	70000-xxxxx		SM-KAF19APG	1

	O.L. = obtain locally				
	N.S.S. = not sold separately				