



*Doing Our Best to Provide You the Best*

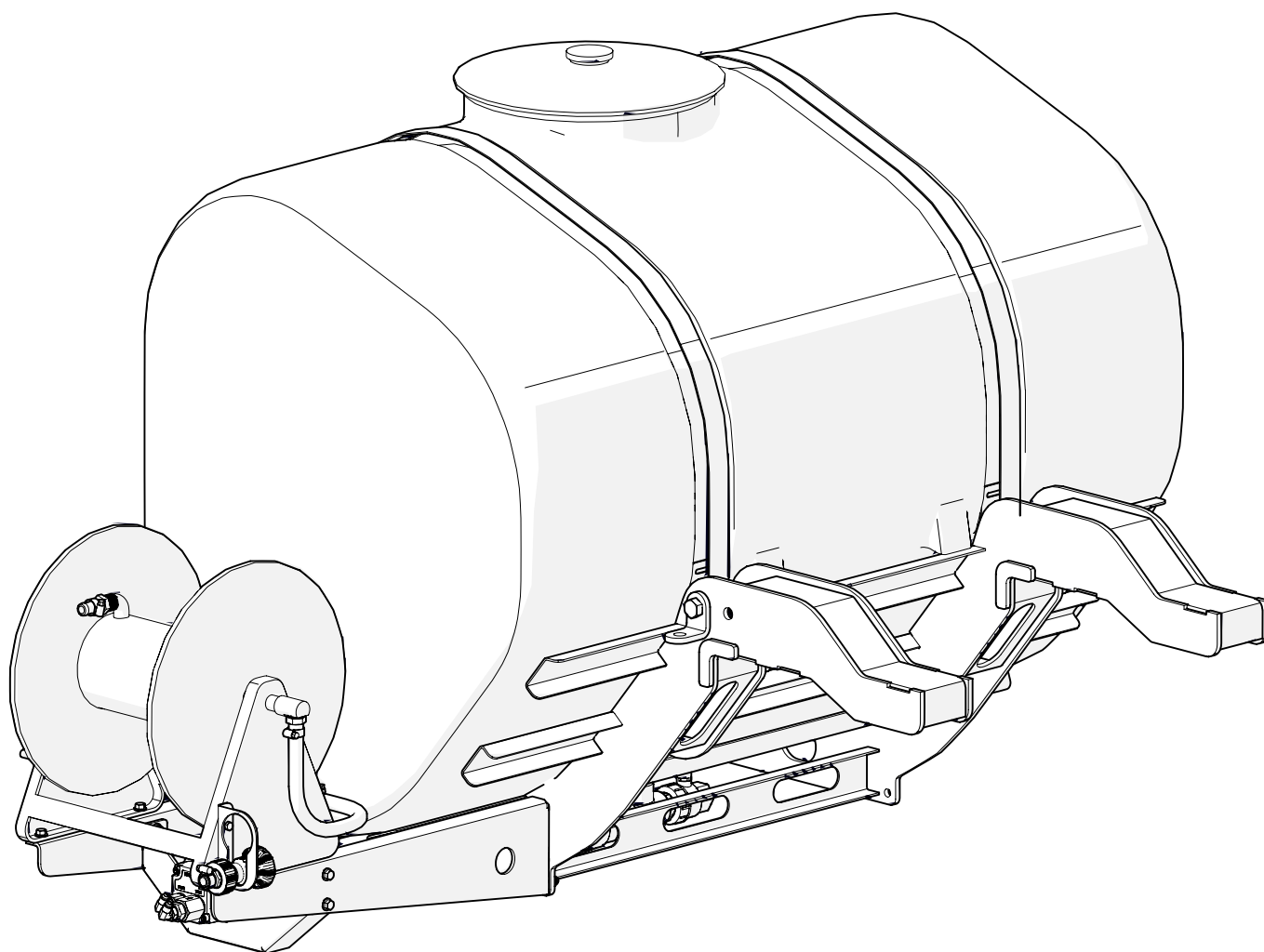
AG20059, Rev 1  
9/25

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## **FIRE SAFETY SYSTEM**

### **Dual Auger**

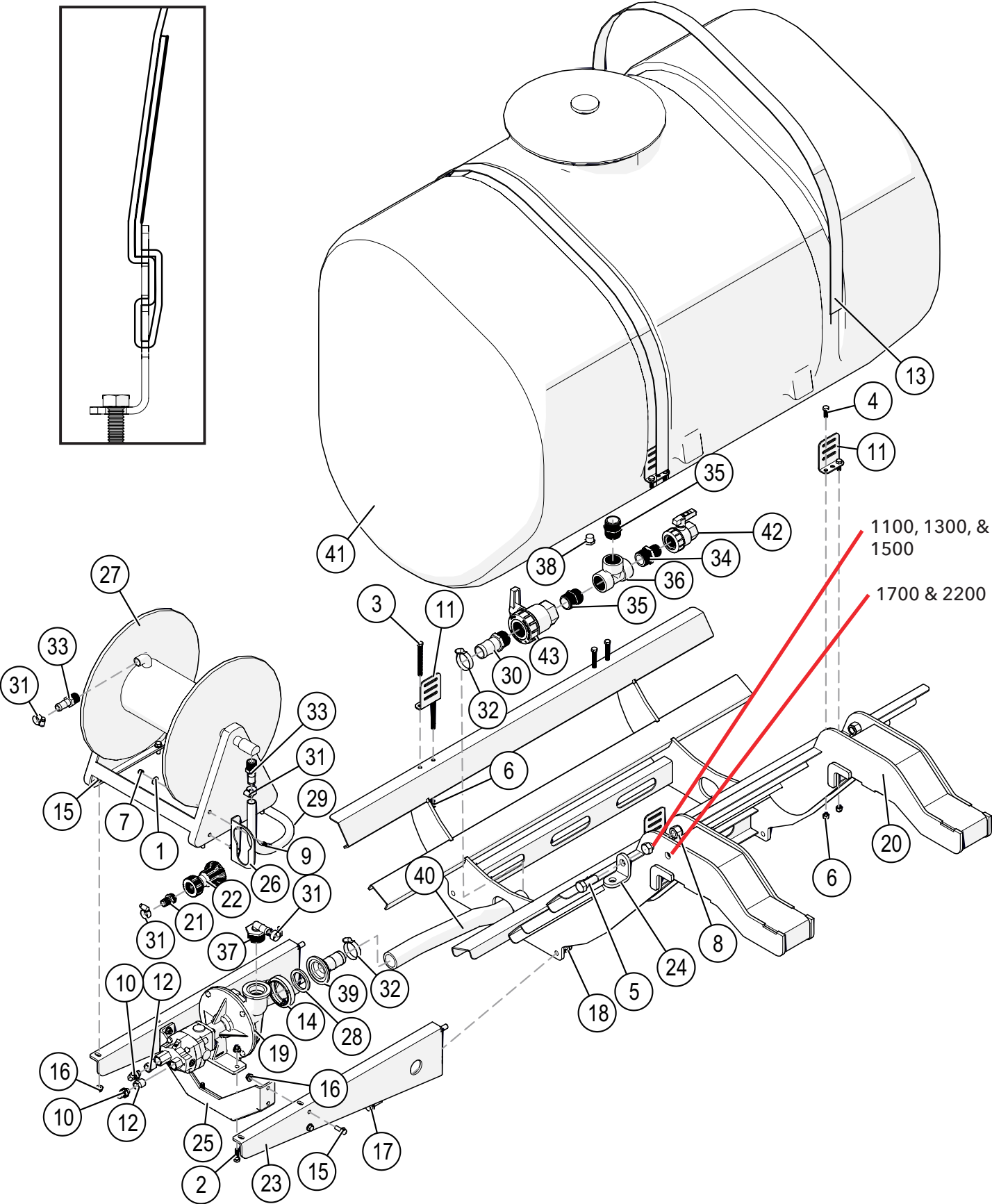
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**READ complete Grain Cart manual CAREFULLY BEFORE attempting to operation.**

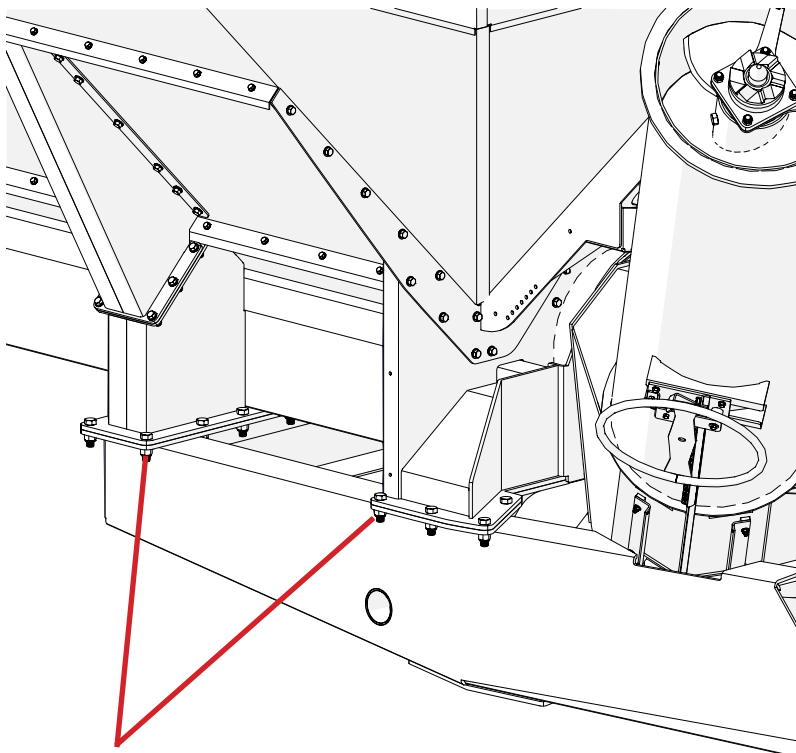
**Read pump manual and tractor manual to make sure pump and tractor are compatible.**

**OPERATOR MANUAL**



## Installation

1. Remove tank from frame.
2. Move the tank mount (#23) to the correct position.  
1100, 1300, & 1500 use the hole closest to the tank.  
1700 & 2200 use the hole farthest away from the tank.
3. Remove the two bolts shown below connecting tongue to the trough. On grain carts with a front fold auger the tank must be on the opposite side of the auger spout when folded. The pump and hose reel can be install on either side of the tank and should always be installed on the side closest to the tractor.
4. Install the frame in between the tongue and trough tube.
5. Reinstall the bolts connecting the frame to the grain cart.
6. Tighten all four bolts on both sides of the mount (#23).
7. Install straps on the back side of the tank and tighten the bolts. Slide the tank into place.
8. Install the straps on the front side of the tank. Tighten bolts until the strap starts to stretch down on the tank.
9. Connect the hose to the bottom of the tank. Fill and check for leaks.



REMOVE BOLTS  
BEFORE INSTALLING

| ITEM | PART#       | DESCRIPTION                                     | QTY  |
|------|-------------|-------------------------------------------------|------|
| 1    | 00004       | WASHER, FLAT, .313                              | 2    |
| 2    | 00523       | BOLT .375 NC X 1.25 GR5 HEX                     | 2    |
| 3    | 00837       | BOLT .375 NC X 4.00 FULL THREAD                 | 4    |
| 4    | 00907       | BOLT .375 NC X 1.00 GR5 HEX                     | 4    |
| 5    | 01235       | BOLT .75 NC X 2.00 GR5 HEX                      | 2    |
| 6    | 02592       | NUT .375 NC NYLON LOCK                          | 8    |
| 7    | 02802       | NUT .313 NC NYLON LOCK                          | 2    |
| 8    | 02961       | NUT .75 NC NYLON LOCK                           | 2    |
| 9    | 02990       | BOLT .313 NC X 1.00 GR5 HEX                     | 2    |
| 10   | 05194       | FITTING HYD .38" MPT X #6 JIC ELBOW             | 2    |
| 11   | 05785-95    | PLATE, STRAP ANCHOR                             | 4    |
| 12   | 05831       | FITTING HYD STRAIGHT .50 MPT X .375 FPT REDUCER | 2    |
| 13   | 09826       | STRAP NYLON 1.75 x 86" BLACK                    | 2    |
| 14   | 09940       | CLAMP 2" F/ FLANGE FITTING FP                   | 1    |
| 15   | 16259       | BOLT .375 NC X 1.00 GR5 HEX FLANGE              | 8    |
| 16   | 16260       | NUT .375NC NYLON LOCK FLANGE                    | 10   |
| 17   | 16589       | BOLT .50NC X 1.50 GR5 HEX FLANGE                | 4    |
| 18   | 16590       | NUT .50NC NYLON LOCK FLANGE                     | 4    |
| 19   | 17507       | PUMP ACE FMC155HYD206                           | 1    |
| -    | 18126       | HOSE HYDRAULIC .375" X 264" W/ QUICK COUPLER    | 2    |
| -    | 13888       | REPLACEMENT QUICK COUPLER # 8 O-RING            | 2    |
| -    | 12677       | RUBBER COUPLER COVER RED                        | 2    |
| 20   | 18109-30    | FIRE SUPPRESSION FRAME F/ DRAG AUGER            | 1    |
| 21   | 18111       | FITTING STRAIGHT .75 GHT X .75 HB               | 1    |
| 22   | 18112       | HOSE SPRAY NOZZLE                               | 1    |
| 23   | 18113-30    | HOSE REEL MOUNT                                 | 2    |
| 24   | 18114-30    | MOUNT FOR FRAME                                 | 2    |
| 25   | 18115-30    | PUMP MOUNT                                      | 1    |
| 26   | 18116-30    | NOZZLE HOLDER                                   | 1    |
| 27   | 18125       | HOSE REEL .75 FTG 12" MANUAL DRIVE              | 1    |
| 28   | 200G        | GASKET 2" X .25"                                | 1    |
| 29   | 340RB       | HOSE .75" EPDM RUBBER                           | 102' |
| 30   | A114 112    | FITTING STRAIGHT 1.25 MPT X 1.50 HOSE BARB      | 1    |
| 31   | B12H        | CLAMP, GEAR, SS, .75" HOSE                      | 4    |
| 32   | B32H        | CLAMP, GEAR, SS, F/1.50" HOSE                   | 2    |
| 33   | BA3434      | FITTING, STRAIGHT, .75" MPT X .75" HOSE BARB    | 2    |
| 34   | BM114 1     | FITTING, RN, 1.25" MPT X 1" MPT                 | 1    |
| 35   | BM1140      | FITTING, NIP, 1.25" MPT                         | 2    |
| 36   | BTT114      | FITTING, TEE, 1.25" FPT                         | 1    |
| 37   | EL114 34    | FITTING, ELBOW, 1.25" MPT X .75 HB              | 1    |
| 38   | F1200       | FITTING, PLUG, .50" MPT                         | 1    |
| 39   | FA220 150HB | FITTING, STR 2" FP FLANGE X 1.50" HOSE BARB     | 1    |
| 40   | S112        | 1 1/2" WIRE SUCTION HOSE                        | 1    |
| 41   | SPEC#159C   | 300 GALLON TEAR DROP TANK GRAY                  | 1    |
| -    | P114A       | TANK FITTING 1.25" DOUBLE THREAD (2.25" HOLE)   | 1    |
| -    | 12226       | REPLACEMENT LID 12"                             | 1    |
| -    | P012DA      | TANK FITTING .50" DOUBLE THREAD                 | 1    |
| 42   | UV100FP     | 1.00" BALL VALVE                                | 1    |
| 43   | UV125FP     | 1.25" BALL VALVE                                | 1    |

Please order replacement parts by PART NO. and DESCRIPTION

## Preseason Care

1. Inspect fittings and hoses for cracks or wear. Replace any damaged items.
  2. Fill tank and check for leaks. If temperatures will be below freezing during use fill tank and add some RV antifreeze.
  3. Turn on pump and make sure spray nozzle functions properly.
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## Operation

1. Turn on hydraulic pump in tractor.
2. Unlock hose reel by loosening the tension lock on the side of the hose reel.
3. Open spray nozzle and spray water in desired area.



**WARNING:** Turn off pump after tank empties. Failure to turn off pump may result in damage to pump.

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## After Season Care

1. Drain all liquid from tank using the drain valve located on the bottom of the tank.
2. Rinse out tank removing any debris.
2. Remove plug from bottom of pump and drain all liquid from pump.



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**Demco warranty policies, operator manuals, and product registration  
can be found online:**

**[www.demco-products.com](http://www.demco-products.com)**