Air Delivery System ADX3360, ADX3380 and ADX3430

Operators Manual

Sas 87060590

CASE IH

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SPECIFICATIONS

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PRIME FUNCTION - Variable Drive Only

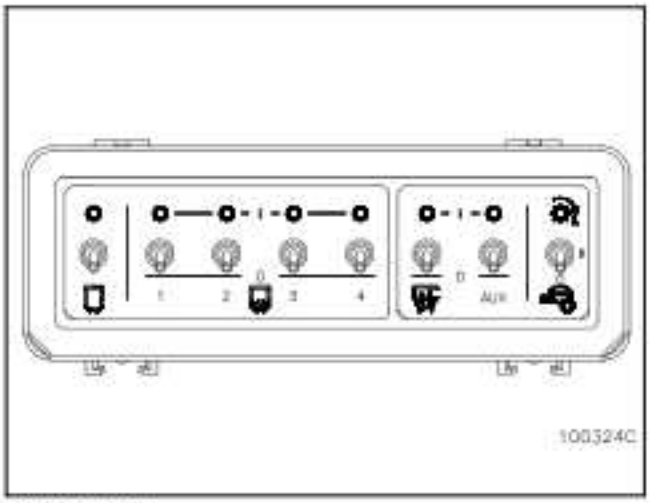
If your switch box is equipped with a PRIME Switch:

Momentarily raising the master switch to the prime position will cause a flow of product to the openers before there is ground speed detected. Using the prime function will reduce the non-seeded areas in the field.

Prior to using prime make sure the fan, the desired meters and the Master Switch are all turned on. During prime, the meters turn at 14 RPM. As a result, the application rate may not match the target rate. The prime will last for 10 seconds, until ground speed is detected, or the master switch is turned off. If ground speed is detected, prime will turn off and metering will continue in a normal manner.

NOTE: It will take from 3 to 5 seconds for the product to reach the openers. It is recommended to wait a few seconds before driving away.

While priming, the application rate of all the priming meters will be replaced on the display by the message **Priming**.



Switch Unit

If your switch box is not equipped with at PRIME Switch:

NOTE: During the prime function the application rate may not match the target rate.

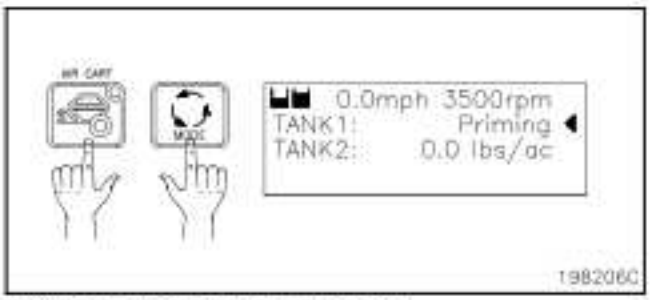
1. Turn on the: fan,
   meters,
   Master Switch.

2. Press AIR CART and MODE at the same time. This will turn the meters for ten seconds.

NOTE: It will take 3 to 5 seconds for the product to reach the openers. It is recommended to wait a few seconds before driving away.

   If ground speed is detected during the 10 second time, the prime function will turn off and metering will continue in a normal manner.

3. If the Master Switch is shut off the prime will be stopped. The console displays **Priming** for any meter that is priming.



Activating The Priming Function

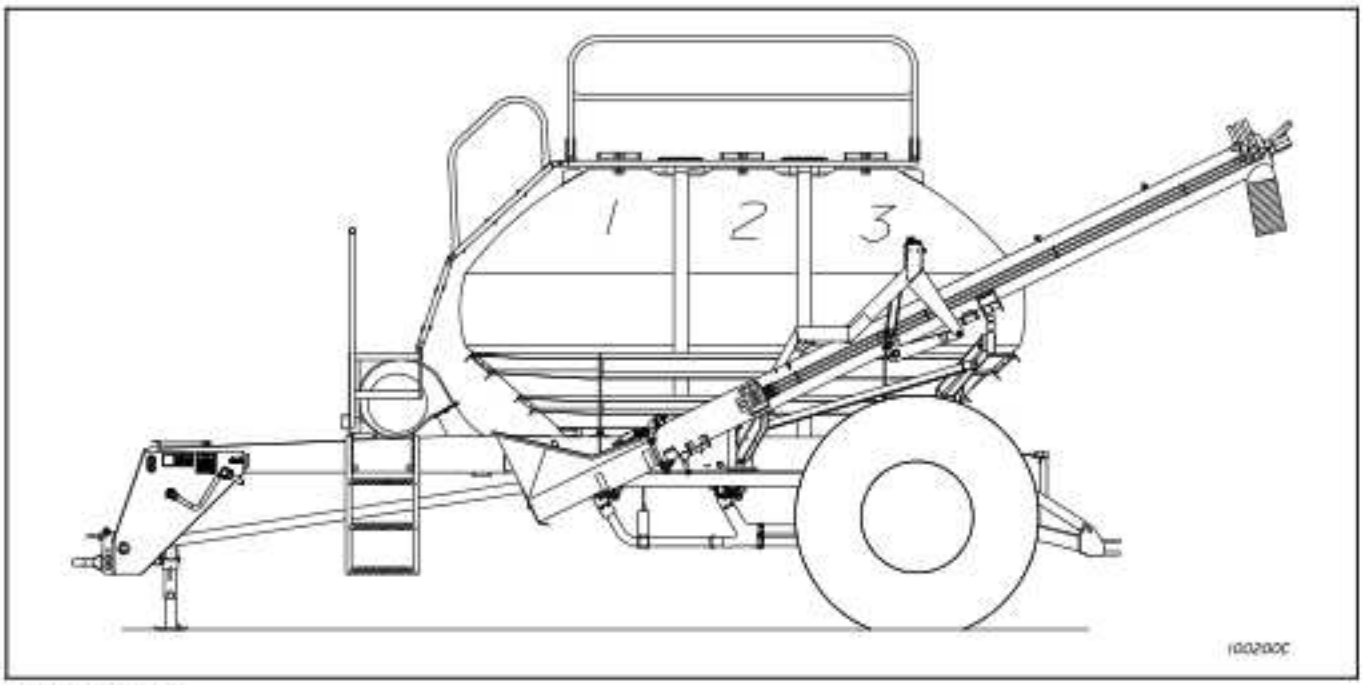
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DATE													
SERVICED BY													
100 HOURS (YEARLY)													
GREASE - Mechanical drive													
GREASE - Center manifold lift													
GREASE - Meter box agitator													
GREASE - Fan bearings													
GREASE - Hose pivot support													
GREASE - Air dampers													
GREASE - Auger front saddle latch													
GREASE - Auger arm pivot													
GREASE - Auger scissor pivot													
GREASE - Auger top pivot													
GREASE - Drive chain on wheel hub (Mech. only)													
GREASE - Drive box drive chain (Mech. only)													
GREASE - Drive chain from clutch (Mech. only)													
GREASE - Meter roller drive chains (Mech. only)													
RE-PACK - Caster pivot bearings													
RE-PACK - Wheel bearings													
CHECK - Tire pressures & wheel nut torque													
CHECK - Secondary header ring for wear													
ROTATE - Primary hoses													
CHECK - Bearing lock collars (Mech. only)													
CHECK - Air inspection panels													
CLEAN - Center manifold													
CLEAN - Hydraulic oil filters													
CHECK - Alternator belt tension and wear (Variable drive carts only)													
CHECK - Meter roller drive chains (Mech. only)													
ADJUST - Fan belt tension													

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TOW BETWEEN AIR CARTS

TANK CAPACITIES



Tank Positions

Capacity by volume @ 100% full*

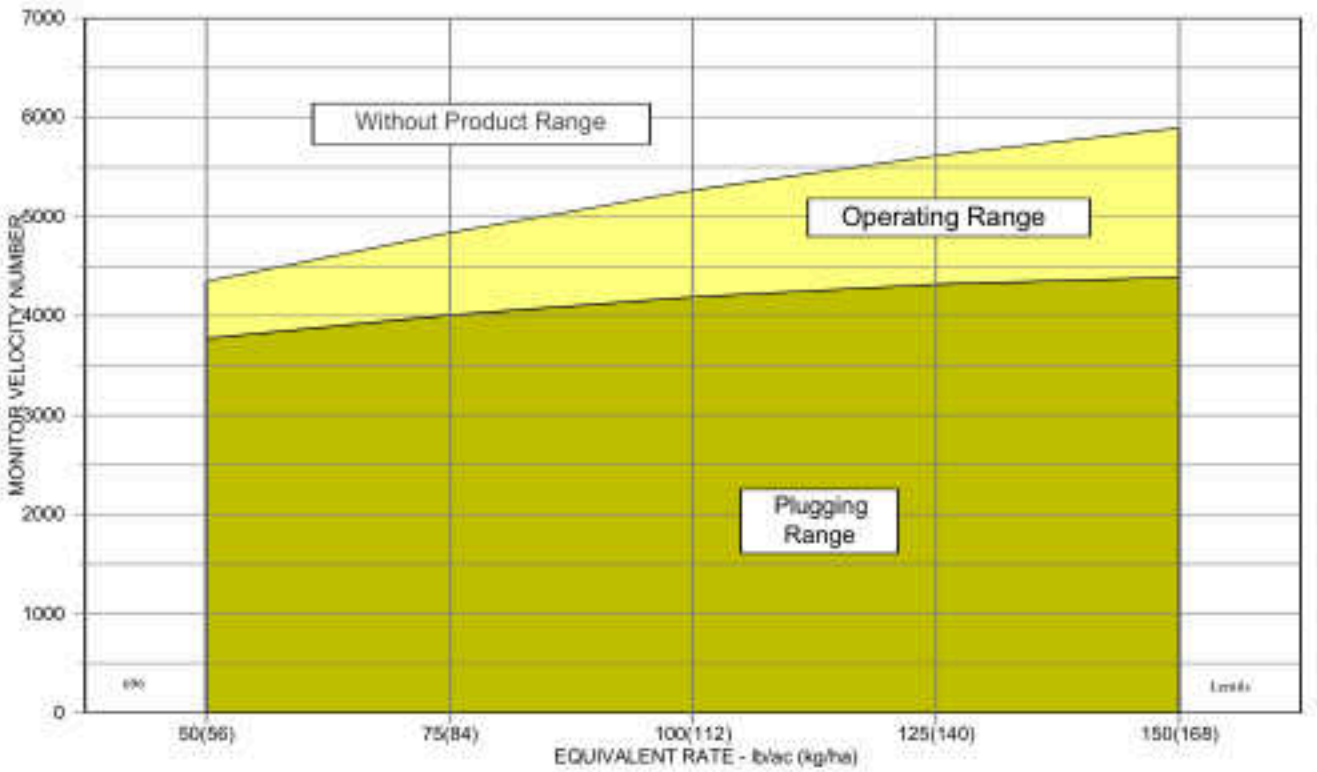
Total Volume L (Bushels**)	Tank 1 - Front Tank L (Bushels**)	Tank 2 - Center Tank L (Bushels**)	Tank 3 - Rear Tank L (Bushels**)
12,686 L (360 bu)	5,955 L (169 bu)	3,277 L (93 bu)	3,453 L (98 bu)
13,390 L (380 bu)	5,955 L (169 bu)	3,277 L (93 bu)	4,158 L (118 bu)
15,153 L (430 bu)	6,554 L (186 bu)	3,594 L (102 bu)	5,004 L (142 bu)

*100% full is when completely filled with the Air Cart auger, directing product with the auger spout.
** Bushels are calculated at 0.800 bu/ft^3

DIMENSIONS

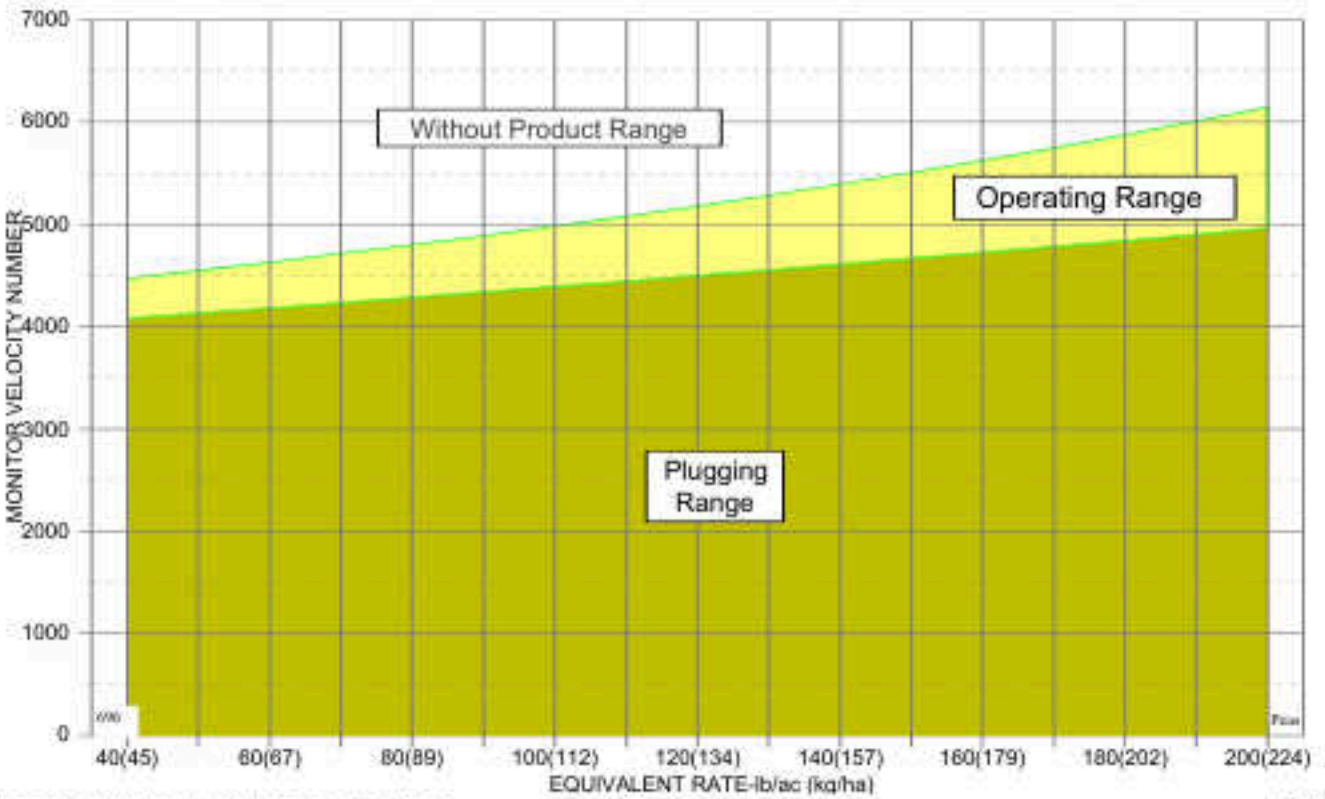
Overall width **1. Single rear tires** **2. Dual rear tires**	 1. 3.86 m (12' 8") 2. 4.93 m (16' 2")
Length (comes with auger)	8.94 m (29' 4")
Height (top hand rail) **1. 360 bu and 380 bu** **2. 430 bu**	 1. 4.55 m (14' 11") 2. 4.65 m (15' 3")
Ground clearance	64 cm (2'1")

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Suggested Velocity Numbers for Lentils

196107C



Suggested Velocity Numbers for Peas

196108C

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VARIABLE DRIVE MAINTENANCE

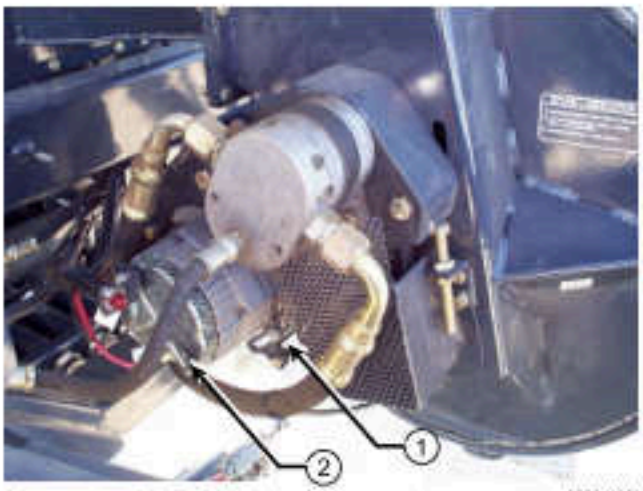
1. Check the alternator belt for proper tension and wear.

   To tighten the belt:

   Loosen the bolt (1).

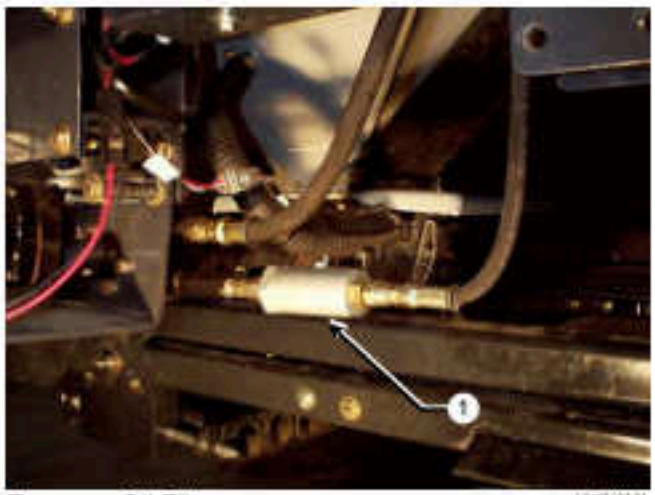
   Pull on the alternator (2) to tension belt to specification.

   Tighten the bolt (1).



Alternator Belt Adjustment

2. Clean the hydraulic oil filter. Filters (1) are mounted on the lines leading to the variable rate drives.



Remove Oil Filter

   Remove the filter from the housing.

   Clean the element (1) with solvent.

   Blow out with air at low pressure.

   Allow to dry.

   Replace the filter on the air cart.



Hydraulic Filter Element

NOTE: Clean the filter every 100 hours and replace every 300 hours or if damaged.

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