

# ***Ag Leader***® ***Technology***



## **CaselH® 1200 Series ASM™ Meter**

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**SureDrive™ Gear Motor  
Installation Instructions  
PN: 2006417-ENG REV. A**

# Installation Overview

## Required Parts

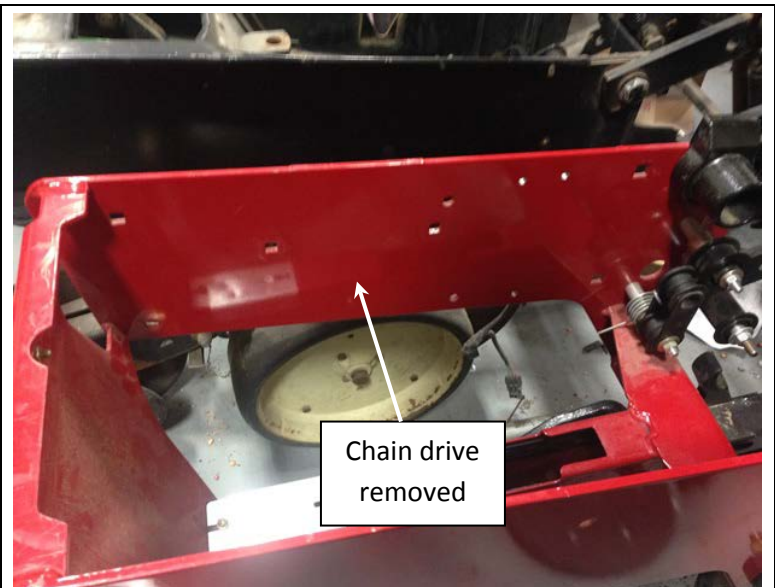
Part Number	Qty *	Description
4004758	1	SUREDRIVE GEAR MOTOR ASSEMBLY
2002086-19150	1	COTTER PIN - 3/16 X 1-1/2 INCH **
2002412-06020	4	SOCKET HEAD CAP SCREW - 6 X 20MM **
4004638	1	SEED METER COUPLER **
4004856	1	GEAR MOTOR BRACKET **

\* Quantities listed are per row unit

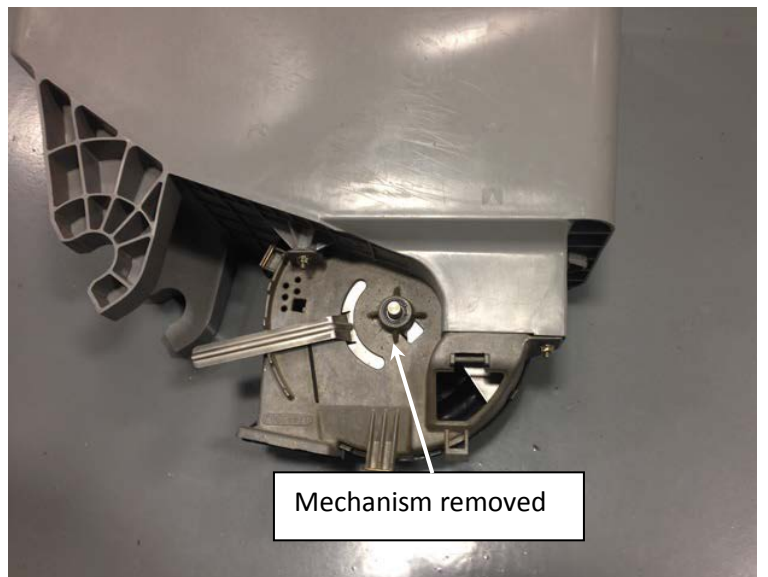
\*\* Hardware can be located in SureDrive Installation Kit P/Ns 4101327 (1 row) and 4101367 (4 rows)

## Installation Procedure

1. Remove existing chain drive mechanism from row unit.



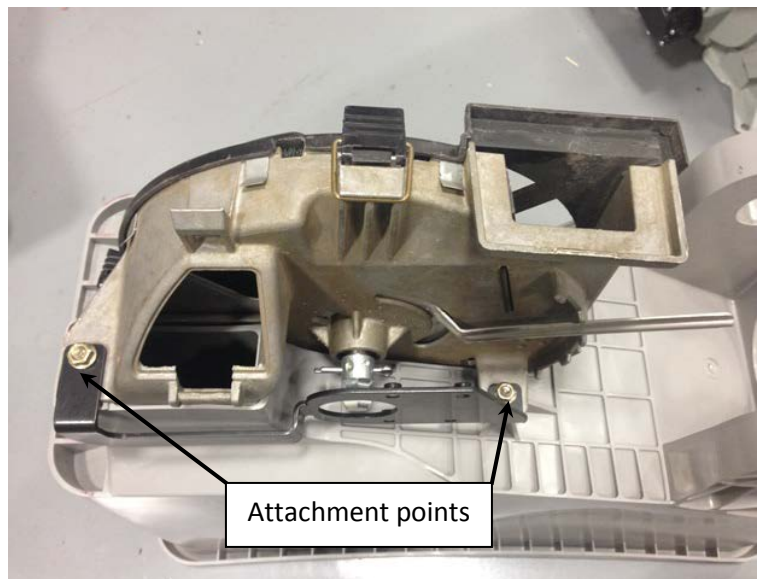
2. Remove existing chain drive mechanism from seed meter shaft.



3. Install hex coupler on seed meter drive shaft using the provided cotter pin. There are 3 sets of holes in coupler. Use middle sized set for this application.



4. Install gear motor bracket on seed meter using existing hex nuts that secure seed meter to hopper.



5. Mount SureDrive gear motor to bracket using socket head cap screws. A 5mm hex key is required for this procedure.

**NOTE:** If motor interferes with singulator lever, lever must be shortened.

