Instructions for installing V-SHOT kits on Case IH 1200 Series Planter Row Units

Parts supplied in AP-9885V-SHOT kit allows for proper nutrient placement during planting operations

1. Remove both gauge wheels and planter opener discs
2. Remove seed tube and shoe
3. Cut out both supplied drill templates.
4. Before drilling, determine the trailing disc side of your center-body. If the trailing disc is on the left hand side, use the designated LH drill template. If the trailing disc is on right hand side, use the designated RH drill template.
5. Align the notch on the drill template with the trailing side disc lip, tape in place if desired and make a mark next to the arrow on the template. The inside edge of the template and the arrow on the template marks the drilling location.
6. Using the supplied 9/32” drill bit, first drill straight into the casting lip to start the hole, then angle the bit around 5 degrees away from the center of the frame. Notice the rib on the back side of the lip. You want to aim your drill bit away from the rib as not to drill through it. Also, try to exit your drill out away from the center part of the center-body. ***See photos to the right
7. Now that you have a 9/32” hole, use a 3/8” drill bit or countersink bit to get rid of the sharp edge on the hole. This will protect the 1/4” plastic tubing from any sharp corners.
8. Reinstall the SHOE and our AP-009885VS casting on the center body with the hardware removed earlier.
9. Route the 1/4” plastic tubing through the V-SHOT casting and through the hole drilled earlier. Secure the plastic tubing with a supplied zip-tie through the slot in the casting nose so that 1/8”-1/4” of tubing is sticking out the back of casting.
10. Pull 1/4” plastic tubing tight against the center body front face and attach one piece or 3M aluminum tape to secure tubing. Allow tubing to be loose between the 3M aluminum tape and zip-tie for movement while planting.
11. Reinstall shoe, seed tube, opener discs, and gauge wheels
12. The “mate” to the 1/4” quick cap supplied with the V-SHOT kit is a QJ98592-1/4 (2lb check valve), and is available through any TeeJet dealer
13. The V-SHOT casting and in-furrow pop-up delivery system is intended for low-rate, in-furrow starter fertilizers and micro-nutrients

Please do not exceed 10 GPA without consulting your agronomist
Completed installation of AP-9885V-SHOT kit on CaseIH 1200-series planter

ALWAYS DRILL HOLE FOR 1/4” PLASTIC TUBING THROUGH THE TRAILING DISC FLANGE, SEE INSTRUCTIONS; AND VIDEO ON YOUTUBE

Trailing disc side

Trailing disc side closeup

Leading side with disc removed

Leading side closeup

SEARCH FOR SHIELDAG ON YOUTUBE TO FIND DRILL GUIDE VIDEO

www.youtube.com/watch?v=RofCqdxK4U

www.shieldag.com  800-798-1968
KIT INCLUDES 3.5' OF 1/4" PLASTIC LINE

TEMPLATES INCLUDED IN KIT
*NOT TO SCALE

2 PIECES OF ALUMINUM TAPE INCLUDED

INSTALLATION INSTRUCTIONS SUPPLIED WITH EACH KIT

V-SHOT KIT, 1200 SERIES, CASE IH

DESCRIPTION
V-SHOT KIT, 1200 SERIES, CASE IH

MATERIAL
ASSEMBLY

DO NOT SCALE DRAWING

PART NO.
AP-9885V-SHOT
NC

REV.

DATE
11/17/2015

HURLBUT

SHIELD
AGRICULTURAL EQUIPMENT

AP-9885V-SHOT
NC

TOLERANCE UNLESS OTHERWISE NOTED

0.000 +/- .0001
0.000 +/- .0005
0.000000 +/- .000003

ANGLE +/- 1

WEIGHT
1.7 LBS

PATENT PENDING
BUILT FOR:
1200 SERIES
CASE IH PLANTERS

ITEM NO. | PART NUMBER | DESCRIPTION | QTY.
--- | --- | --- | ---
1 | AP-009885VS | CASE IH V-SLICE INSERT | 1
2 | KSC-2T20-0403BK-1000 | 1/4" OD TUBING, 3.5' | 1
3 | ZIP TIE | ZIP-TIE, SMALL | 3
4 | KSC-QJ98588-1/4 | 1/4" PUSH-TO-CONNECT QUICK CAP, WITH GASKET ( P/N CP18999-EPR ) | 1
5 | AP-427-4 | 3M 427 ALUMINUM FOIL TAPE | 2
6 | Drill Bit | 9/32" DRILL BIT | 1

9/32" DRILL BIT INCLUDED IN EACH FOUR ROW KIT

SPARE ZIP-TIES TO USE AS REQUIRED

DRILL AT ARROW POINT

LH

RH

3"

4"

3.5'