

TRU COUNT AIR CLUTCH ORDERING GUIDE



THE TRU COUNT AIR CLUTCH FROM TRIMBLE SAVES ON SEED COSTS.

- By avoiding double planting in headlands and point rows, air clutches save you wasted seed costs and deliver increased yields.
- Placed on each row the Tru Count Air Clutch® allows you to control the row pneumatically from the tractor cab through a GPS controller.
- Tru Count clutches can be used in a large number of planters including John Deere, Kinze, Case IH, White, Monosem, and Great Plains.

Tru Count Air Clutches are controlled pneumatically, and start and stop the flow of seed almost instantly using the command from the section control unit and GPS. You need one air clutch for each row.

Use any of the following for GPS guidance and overlap detection: the AgGPS® EZ-Guide® 500 lightbar, the FmX™ integrated display, the EZ-Guide Plus lightbar guidance system, or the FieldManager™ display. In addition, you need either an EZ-Boom® automated application control system (for up to 10 control sections), or a Tru Application Control™ system (for up to 24 control sections).

The air compressor, mounted in the tractor or planter, supplies air to the system. One or more air tanks, mounted on the planter, connect to the compressor through the supplied hoses, and provide air to the valves as required.

Use air valve modules to turn on or turn off the air clutch. Each air valve module commands up to four control sections—each of which can have up to four air clutches. You can use multiple air valves in a system to increase the number of sections. For example, on a 16 row planter, use two air valve modules to set eight control sections of two rows each.

The Tru Application Control system can command up to 24 control sections for ultimate precision. In addition, it can monitor populations on up to 148 rows, and can control up to four channels of seed, liquid, or granular material by changing the rates manually or automatically using a prescription. The Tru Application Control system works with the FmX integrated display or the FieldManager display.

The EZ-Boom system automatically commands up to 10 control sections. The EZ-Guide 500 lightbar, or the FmX integrated display, automatically keeps track of seeded areas, and shuts off row sections at precisely the correct time. If you want to upgrade to seed population control, you can now use these displays to control the Rawson drive and ACCU-RATE variable rate controller.



Trimble Agriculture. The line everyone follows.

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TRU COUNT PART NUMBER

TC10 16 08 - 00

TC78 000 04

TC10
FOR ALL JOHN DEERE SPROCKET PLANTERS (CHAIN TYPE)
TC20
FOR JOHN DEERE PRO DRIVE PLANTERS WITH CCS
TC40
FOR JOHN DEERE PRO DRIVE PLANTERS WITH MAX EMERGE UNITS
TC50
FOR KINZE PLANTERS WITHOUT INTERPLANT AND WITHOUT AIR DOWN PRESSURE OPTION
TC53
FOR KINZE INTERPLANT PLANTERS WITHOUT AIR DOWN PRESSURE OPTION
TC55
FOR KINZE PLANTERS WITHOUT INTERPLANT, WITH AIR DOWN PRESSURE OPTION
TC57
FOR KINZE INTERPLANT PLANTERS WITH AIR DOWN PRESSURE OPTION
TC70
FOR CASEIH 1200 PLANTERS '07 AND OLDER
TC80
FOR CASEIH 1250 AND 1200 PLANTERS '08 AND NEWER
TC90
FOR ALL WHITE PLANTERS
TC95
FOR MONOSEM NG SERIES PLANTERS

NUMBER OF CONTROL SECTIONS DESIRED:

THE NUMBER OF CONTROL SECTIONS NEEDS TO BE A MULTIPLE OF 4 (IE. 4, 8, 12, ETC).

FOR EVERY 4 CONTROL SECTIONS YOU'LL GET A VALVE CONTROL MODULE WHICH COMMANDS 4 CONTROL SECTIONS.

CHOOSE THE NUMBER OF CONTROL SECTIONS CLOSE TO THE CAPABILITIES OF YOUR SYSTEM.

FOR THE TRU APPLICATION CONTROL SYSTEM CHOOSE UP TO 24 CONTROL SECTIONS.

FOR EZ-BOOM CHOOSE UP TO 12 CONTROL SECTIONS (THE LAST TWO SECTIONS ARE CAPPED OFF).

NOTE: INVERTER BOX P/N TC77035 IS REQUIRED WHEN USING EZ-BOOM ONLY. NO ADDITIONAL PARTS NEEDED WHEN CONNECTING TO TRU APPLICATION CONTROL.

NUMBER OF ROWS IN YOUR PLANTER:

NOTE: ONE AIR CLUTCH PER ROW IS REQUIRED REGARDLESS OF THE NUMBER OF CONTROL SECTIONS USED

TC78
GENERIC KIT

NUMBER OF CONTROL SECTIONS DESIRED:

04 - NUMBER OF SECTIONS
08 - NUMBER OF SECTIONS
12 - NUMBER OF SECTIONS
16 - NUMBER OF SECTIONS
24 - NUMBER OF SECTIONS
32 - NUMBER OF SECTIONS
36 - NUMBER OF SECTIONS

NUMBER OF ROWS IN YOUR PLANTER:

000 - GENERIC KITS WITHOUT AIR COMPRESSOR OR AIR TANKS. INCLUDES VALVE MODULE(S), AIR HOSE, LUBRICANTS AND TEES

100 - GENERIC KITS WITH AIR COMPRESSOR, AIR TANK(S), VALVE MODULE(S), AIR HOSE, LUBRICANTS AND TEES

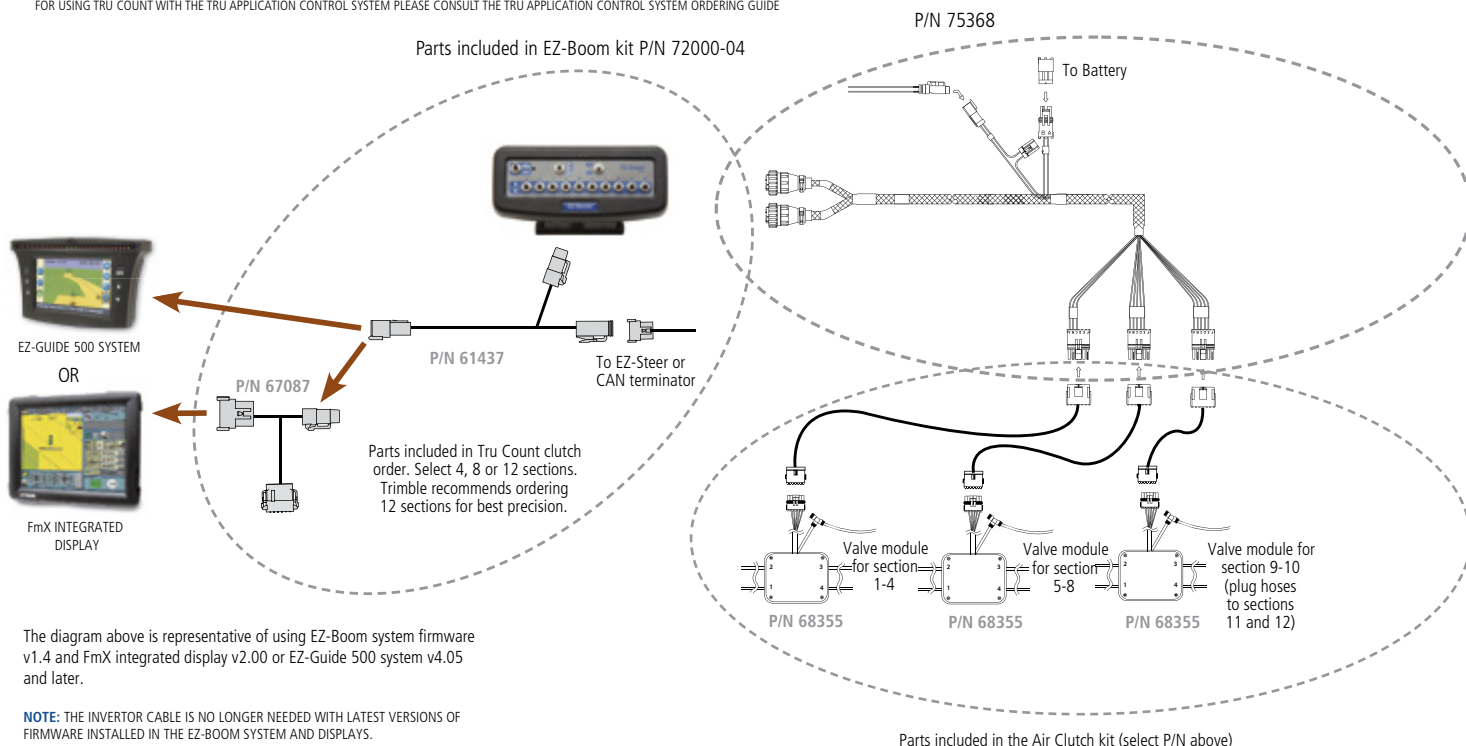
NOTE: IF YOU CAN'T FIND THE EXACT ROW NUMBER YOU ARE LOOKING FOR THEN ORDER THE KIT THAT CLOSEST MATCHES YOUR NEEDS AND ORDER ADDITIONAL CLUTCHES SEPARATELY.
NOTE: ALL MODELS ARE AVAILABLE IN ONE AND FOUR PACKS. EXAMPLE: JOHN DEERE SPROCKET TC100100-00 & TC100400-00

USING TRU COUNT WITH THE EZ-BOOM SYSTEM

NOTE: WITH VERSION 1.4 FIRMWARE ONLY, WHEN USING A PREVIOUS VERSION OF FIRMWARE THE EZ-BOOM INVERTER KIT TC77035 IS NEEDED

FOR USING TRU COUNT WITH THE TRU APPLICATION CONTROL SYSTEM PLEASE CONSULT THE TRU APPLICATION CONTROL SYSTEM ORDERING GUIDE

Parts included in EZ-Boom kit P/N 72000-04



The diagram above is representative of using EZ-Boom system firmware v1.4 and FmX integrated display v2.00 or EZ-Guide 500 system v4.05 and later.

NOTE: THE INVERTOR CABLE IS NO LONGER NEEDED WITH LATEST VERSIONS OF FIRMWARE INSTALLED IN THE EZ-BOOM SYSTEM AND DISPLAYS.

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