Programming Instructions for 16942 for Different Machine Applications
Form 0327 (updated May 23, 2008)

In order for the display to show the correct values, the Ditak9 Tachometer (AMADAS part #16942) must be programmed before installation. Below are instructions for programming the tachometer and the correct program values for your application.

1. Find your application on the table. There are three values: Remainder Multiplier (**RM**)
   Decimal Point Display (**DPD**)
   Rounded Time Base (**RTB**)
2. Connect a jumper wire to the terminal marked **common** and to the terminal marked **P.B.E.N.**
3. Press the **PAR** button once. The display should show **<1.0000>** and the last digit should be blinking.
4. Press the **SEL** button until the blinking number is the same as the far right number in the Remainder Multiplier (**RM**) for your application.
5. Press **PAR** to move to the next number. Press **SEL** again until the number matches the second number from the right for the **RM** for your application.
6. Repeat Step 5 for the next three numbers.
7. Once the last number for the **RM** is set, press **PAR** once. The display should now show **<0.0000>**.
8. Press the **SEL** button until the screen display matches the Decimal Point Display **(DPD)** for your application. For example, to set a 0.0 display, press the **SEL** button five times.
9. Once the display is correct, press the **PAR** button once to accept. The display should now show **<1>**.
10. Press the **SEL** button until the display matches the number for the Rounded Time Base (**RTB**) for your application. Press **PAR** once to accept this value.
11. Remove the jumper wire from the unit.
12. Disconnect wires from the original tachometer and connect the black wire to the **common** terminal and the white wire to the **input** terminal.
13. Install the tachometer in housing. Installation is complete.

Machine	RM	DPD	RTB
8557 2-Row Peanut combine; <1990; up to Serial #280000	0.7227	0	.1
4&6 Row Pull-Type Peanut Combines; 1990 & 1993 machines Serial #280000-310000 (S16942)	0.7227	0	.1
4&6 Row Pull-Type Peanut Combines; 1994 & 2004 machines Serial #320000-429999 (S16942-1)	1.4805	0	1
4&6 Row Pull-Type Peanut Combines; Serial #430000-present	1.4881	0	1
2002 Model ADI-2 Digger/Inverters; Serial #400000	0.8320	0.0	0.1
ADI-4&6 Digger/Inverters; 2002 to present; Serial #400000 – with pick-up on conveyor shaft	0.925	0.0	0.2
ADI-430,-436,-438,-630,-636,-638,-640 Digger/Inverters; Serial #400000 – present with pick-up at motor (**displayed as MPH**)	0.9876	0.0	0.1
ADI-430,-436,-438,-630,-636,-638,-640 Digger/Inverters; Serial #400000 – present with pick-up at motor (**displayed as KM/H**)	0.7949	0.0	0.2
1400,2000,&3000 Irrigators with Turbine Drive; 1993-1999; Serial #310000-370000	0.8984	0.0	0.1
1400,2000,&3000 Irrigators with Hydrostatic Drive; 1993-1999; Serial #310000-370000	0.2617	0.0	0.1
1030 Irrigators; 1998-present; Serial #360000-present	0.4805	0.0	0.1
1400,2000,&3000 Irrigators; all drives; 1999-2002; Serial #380000-present	0.2891	0.0	0.1
C1325/1375 Irrigators; Serial #430000-present	0.2573	0.0	0.1