7-pin diode plug with 7-pin diode Y-Divider socket

1. Diode plug with bayonet lock 7-Pin
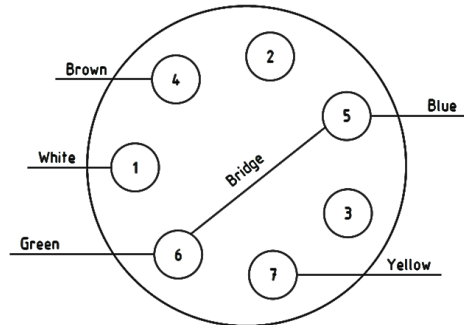

Figure.1.1: 7-pin Diode plug

Figure.1.2: Pin layout of Diode plug which must be plugged into the control unit

2. 7-Pin Diode with sockets (with Y-Divider to divide the input/output signals)

2.1. Socket in Blue:

This socket (as shown in the Figure 2.1) is to plug in an input for the sensor which reads hydraulic signals from the farm vehicle.

2.2. Socket in Red:

This socket (as shown in the Figure 2.1) is to plug in an input for the sensor to read accelerometer data / to sense the speed of the farm vehicle.

Figure.2.1: 7-pin Diode Plug with Y Divider Sockets

Socket PIN BLUE	Description	Wire colour / number
1	Speed / Velocity	White-1
2	-	-
3	-	-
4	EHR Signal (Hydraulic sensor)	Brown-2
5	+12 Volt	Green-3
6	-	-
7	GND (Ground)	Yellow-4

Table.2.1: 7-pin Socket Layout (Blue)

Socket PIN RED	Description	Wire colour / number
1	Speed / Velocity	White-1
2	-	-
3	-	-
4	-	-
5	+12 Volt	Green-3
6	-	-
7	GND (Ground)	Yellow-4

Table.2.2: 7-pin Socket Layout (Red)

Note: Standard Cable length on both sides of the divider is 200mm (Distance between the center of the divider to the neck of diode plug).