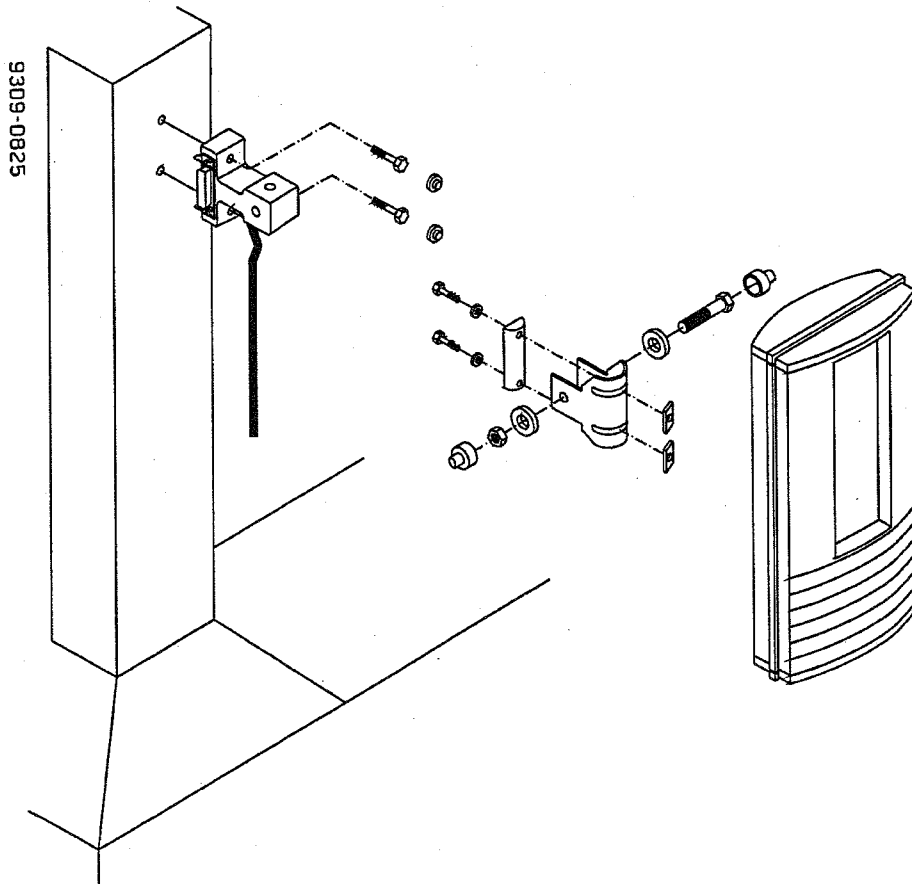
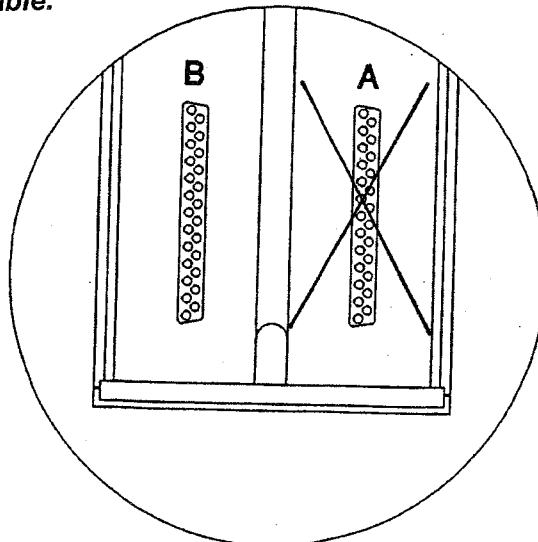


FITTING THE COMPUTER

Fit the computer within reach and sight of the driver during operation, preferably to the right of the operator.

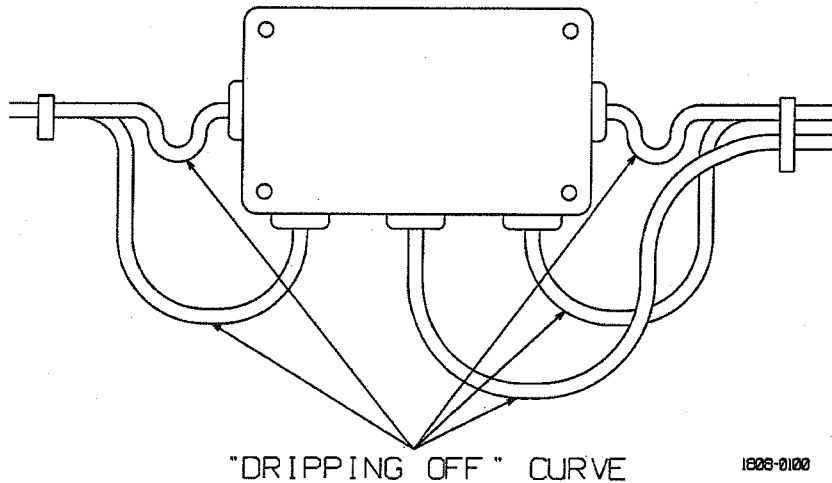


Ensure that the cable from the mounting bracket is as protected as possible when routing the cable.



FITTING THE JUNCTION BOX

Fit the junction box under the instrument panel or on the underside of the cab. When fitting the junction box outside the cab, moisture must be taken into consideration. The cable holes in the rubber caps should not be cut any larger than the cable and the cable should be long enough to allow for **"DRIP OFF POINTS"** before entering the junction box (see diagram below).

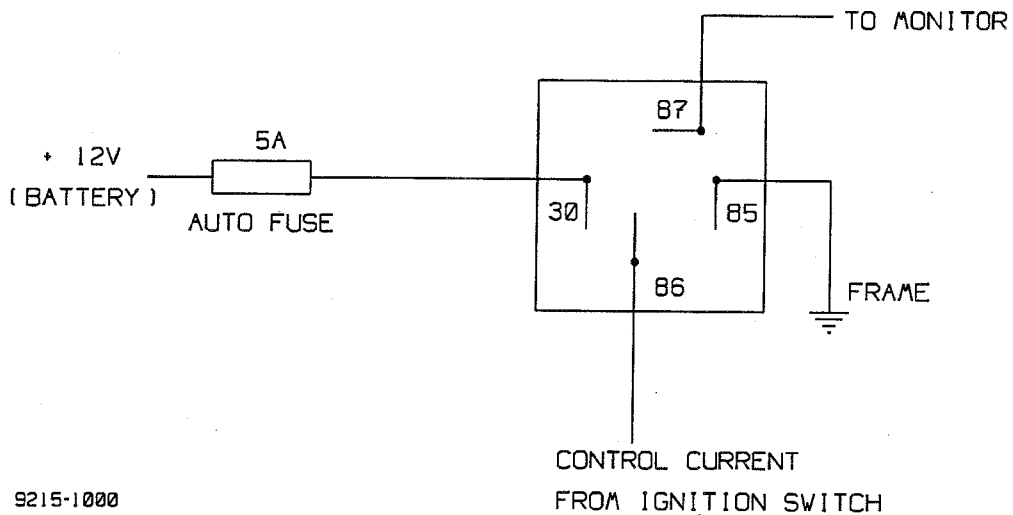


"DRIPPING OFF" CURVE

1826-0100

POWER SUPPLY

The LH 5000 system can, with additions, have a power demand of 4 Amps, when working with control equipment (electromagnetic clutches, motors, etc.). We recommend in such circumstances that the power supply is drawn directly from the battery, but as the computer **must** switch off when the ignition is switched off, draw the power through a relay controlled via the ignition (see diagram).



Place the relay under the instrument panel or a similarly protected position. The fuse should be positioned by the battery to ensure protection of the whole power cable.

FITTING THE FORWARD SPEED SENSOR

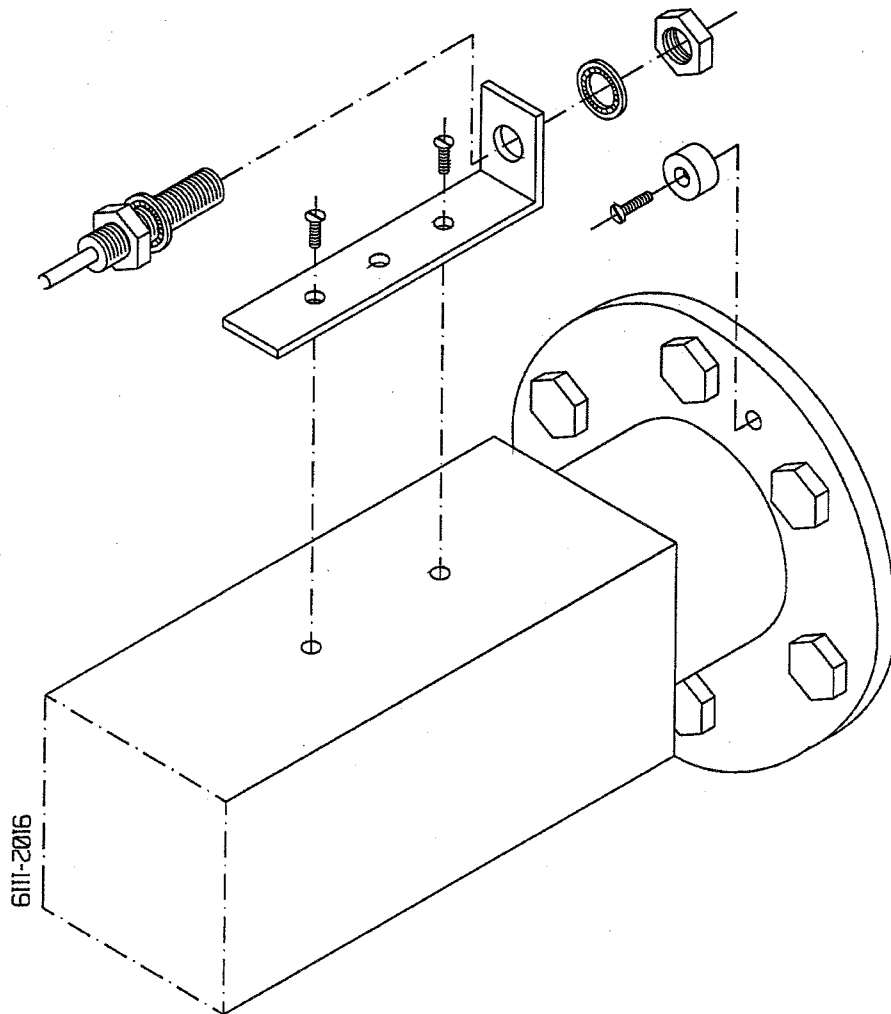
The LH 5000 system can receive speed signals from 3 different speed sensors, a wheel sensor on the tractor, a wheel sensor on the implement, and radar.

Fitting the supplied wheel sensor is recommended on the rear right-hand wheel of the tractor. See the diagram below.

The distance between the magnet and the speed sensor should not exceed 5mm. If the wheel circumference exceeds 250 cm, then 2 magnets must be fitted. When using automatic application control the wheel circumference should **not** exceed 100 cm if this is the case then more magnets should be added.

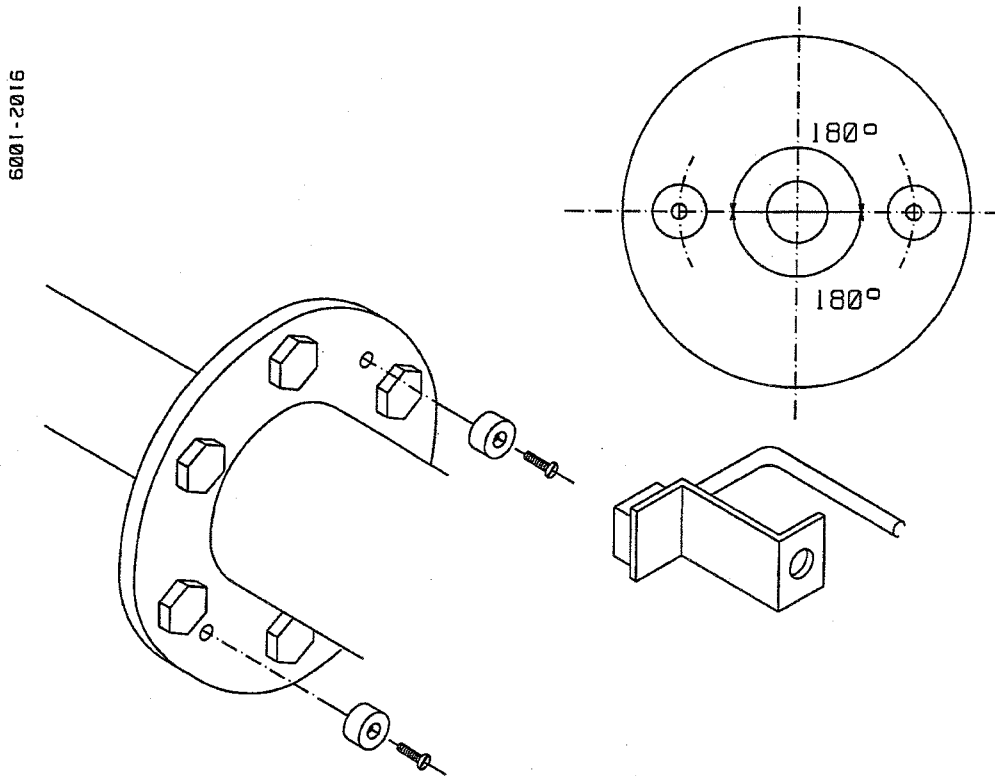
NOTE! The magnets **must** be fitted with equal distance between each magnet; otherwise the forward speed will “spring”.

The magnets can be fitted, i.e. on the wheel bolts.



It is preferable, where it is possible, to fit a speed sensor on the drive shaft of 4 wheel drive tractors. This requires a different sensor than the one supplied as standard with the fitting kit. This possibility is shown in the following diagram.

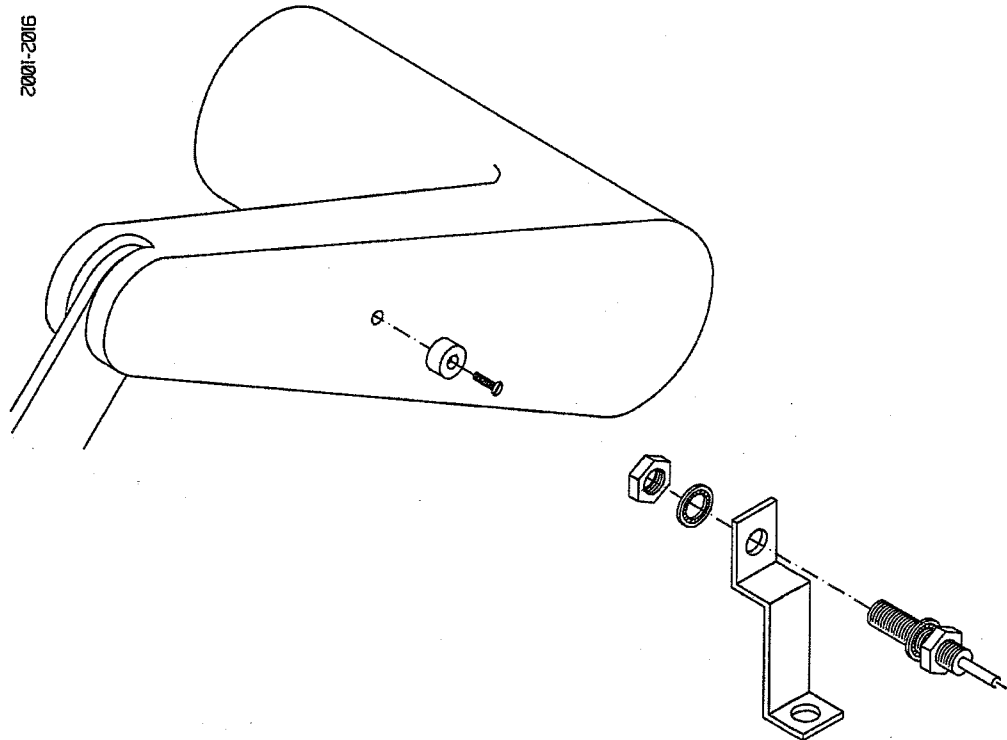
If the "drive shaft solution" is required, then a "bi-polar" sensor must be used. This sensor is different than the supplied sensor and should be ordered separately.



The distance between the sensor and the magnets must be 2-3 mm when using this type of sensor, and the 2 magnets must have opposite poles facing the sensor, i.e. one magnet with the yellow spot facing the sensor and the other magnet facing the opposite direction.

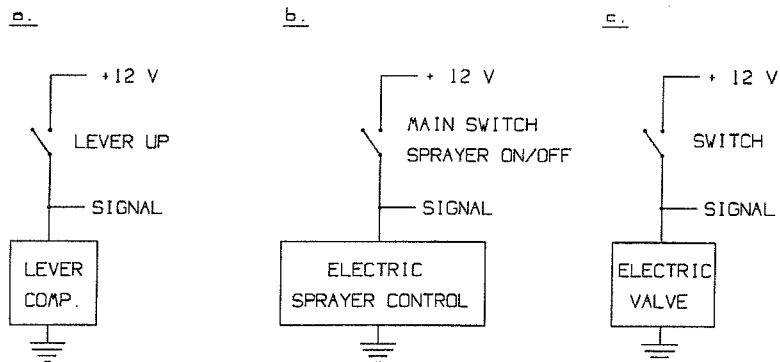
FITTING THE AREA OVERRIDE SENSOR

The area override sensor stops the area counter when the implement is not in operation. Most implements use the three-point linkage and are raised/lowered, so the most universal solution is to fit the area override sensor on the lift arms.



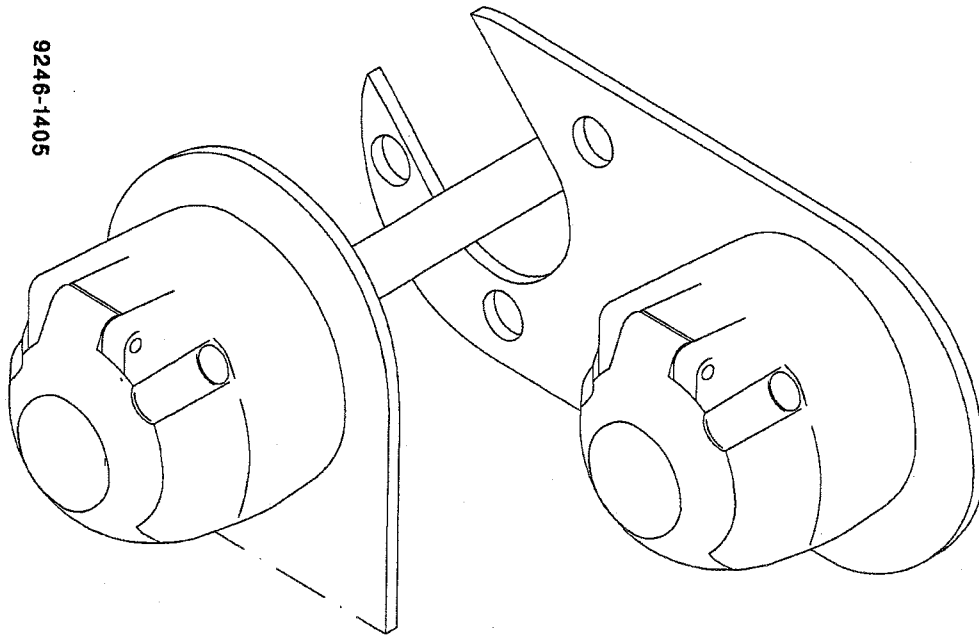
The sensor can be fitted in other positions (PTO handle, hydraulic cylinder handles, etc.) as long as there is a mechanical movement of min. 50-mm. The distance between the sensor and the magnet must not exceed 5 mm.

An electrical signal from, i.e. electrically controlled lift arms, sprayer switch box, etc. can be used as an area override sensor. The signal **must** change to 0V (ground) when the area counter is to be stopped.



FITTING THE BREAK-AWAY PLUG

The supplied breakaway plug with cable should be fitted next to the existing trailer plug, as shown below. Lift arm movement must be considered when fitting the breakaway plug.




CABLE ROUTING

Lead the cables from the various sensors and breakaway plug together with existing cables, hydraulic pipes, etc. to the junction box.

Attach the cables with the supplied cable binders. Be careful not to route the cables near moving parts, sharp edges, and areas with high temperatures, etc.

CONNECTIONS IN THE JUNCTION BOX

A label is supplied in the fitting kit, **attach this label to the lid of the junction box** to ensure that the connections are always available when/if the system is added to at a future date.

1			2			3			
LH 5000			Break-away plug			1	Blue	Diesel	
			1	White	Trail 1	2	Brown	0 V	
1	Grey	Trail 1	2	Brown	Trail 2	3	Blue	Implement	
2	Red	Trail 2	3	Green	Mot. 1+	4	Brown	0 V	
3	Brown	Mot. 1+	4	Yellow	Trail 4	5	Blue	+ 12 V	
4	Yellow	Trail 4	5	Grey	0 V	6	Black	PTO	
5	Blue	Imple ment	6	Pink	+ 12V	7	Brown	0 V	
6	Pink	Diesel	7	Blue	Trail 7	8		+ 12 V	
7	Green	Trail 7	8	Red	+ 12V	9	Blue	Wheel	
8	Violet	PTO	9	Green	Radar	10	Brown	0 V	
9	Black	Radar	10	Black Blue	0 V	11	Blue	+ 12 V	P o w e r
10	Grey/Pink	Wheel	<div style="border: 1px solid black; padding: 2px; display: inline-block;">FUSE 4A</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">FUSE 4A</div>			12	Brown	0 V	
11	White	+12V							
12	Blue/Red White/Green	0V							

MULTI-CABLE FROM THE LH 5000

Connect this cable to connecting block 1. Connect the individual wires according to the colour code on the label.

MULTI-CABLE FROM THE BREAK-AWAY PLUG

Connect to connecting block 2 (1-7) according to the colour code on the label.

DIESEL FLOWMETER

Connect to connecting block 3 (1-2) according to the colour code on the label.

RADAR

Connect to connecting block 2 (8-10) according to the colour code on the label.

POWER SUPPLY

Connect to connecting block 3 (11-12) according to the colour code on the label.

IMPLEMENT SENSOR

Connect to connecting block 3 (3-4) according to the colour code on the label.

PTO - SENSOR (RPM)

Connect to connecting block 3 (5-7) according to the colour code on the label.

SPEED SENSOR

Connect to connecting block 3 (8-10) according to the colour code on the label.

1	Rosa	PWM
2	Hvid	RPM Saaksel
3	Brun	RPM Reg.motor
4	Hvid/Rød	Tank
5	Grå/Rød	RPM V.clutch + Blæser
	Brun/Rød	RPM H.clutch
	Grøn	Clutch
8	Gul	Hjul
9	Sort	OV føler
10	Rød	+12V føler
11	Blå	Redskab
12	Blå/Rød	Reg. 0V
13	Hvid/Grøn	Bom 1
14	Brun/Grøn	Bom 2
15	Hvid/Gul	Bom 3
16	Gul/Brun	Bom 4
17	Hvid/Grå	Bom 5
18	Grå/Brun	Bom 6

Fuse 6,3AT

1	Hvid	RPM V.clutch
2	Brun	RPM H.clutch
3	Grøn	Clutch
4	Gul	Hjul
5	Grå + Sort	0V Føler
6	Rosa + Rød	+12V Føler
7	Blå	Redskab

1	Hvid	Bom 1
2	Brun	Bom 2
3	Grøn	Bom 3
4	Gul	Bom 4
5	Grå	Bom 5
6	Rosa	Bom 6

NORDSTEN NS 5000

94220800

1		+12V
2	Brun	RPM Saaksel
3	Blå	0V
4	Brun	+12V
5	Sort	RPM Reg. motor
6	Blå	0V
7	Sort	+12V
8	Rød	Tank
9	Blå	0V
10		+12V
11		RPM Blæser
12		0V

1	Pink	PWM
2	White	RPM Metring shaft
3	Brown	RPM Reg.motor
4	White/Red	Tank
5	Grey/Red	RPM L.clutch + van
6	Brown/Red	RPM R.clutch
7	Green	Clutch
	Yellow	Wheel
	Black	OV sensor
10	Red	+12V sensor
11	Blue	Implement
12	Blue/Red	Reg. 0V
13	White/Green	Section 1
14	Brown/Green	Section 2
15	White/Yellow	Section 3
16	Yellow/Brown	Section 4
17	White/Grey	Section 5
18	Grey/Brown	Section 6

Fuse 6,3AT

1	White	RPM L.clutch
2	Brown	RPM R.clutch
3	Green	Clutch
4	Yellow	Wheel
5	Grey + Black	0V Sensor
6	Pink + Red	+12V Sensor
7	Blue	Implement

1	White	Section 1
2	Brown	Section 2
3	Green	Section 3
4	Yellow	Section 4
5	Grey	Section 5
6	Pink	Section 6

NORDSTEN NS 5000

94220800

1		+12V
2	Brown	RPM Metring shaft
3	Blue	0V
4	Brown	+12V
5	Black	RPM Reg. motor
6	Blue	0V
7	Black	+12V
8	Red	Tank
9	Blue	0V
10		+12V
11		RPM van
12		0V

1	Rosa	PWM
2	Weiß	U/Min. Säwelle
3	Braun	U/Min. Reg.motor
4	Weiß/Rot	Tank
5	Grau/Rot	U/Min. L.Kupplung + Gebläse
6	Braun/Rot	U/Min. R.Kupplung
7	Grün	Kupplung
8	Gelb	Rad
9	Schwarz	OV Fühler
10	Rot	+12V Fühler
	Blau	Gerät
12	Blau/Rot	Reg. 0V
13	Weiß/Grün	Teilbreite 1
14	Braun/Grün	Teilbreite 2
15	Weiß/Gelb	Teilbreite 3
16	Gelb/Braun	Teilbreite 4
17	Weiß/Grau	Teilbreite 5
18	Grau/Braun	Teilbreite 6

Fuse 6,3AT

1	Weiß	U/Min. L.Kupplung
2	Braun	U/Min. R.Kupplung
3	Grün	Kupplung
4	Gelb	Rad
5	Grau + Schwarz	0V Fühler
6	Rosa + Rot	+12V Fühler
7	Blau	Gerät

1	Weiß	Teilbreite 1
2	Braun	Teilbreite 2
3	Grün	Teilbreite 3
4	Gelb	Teilbreite 4
5	Grau	Teilbreite 5
6	Rosa	Teilbreite 6

NORDSTEN NS 5000

94220800

1		+12V
2	Braun	U/Min. Säwelle
3	Blau	0V
4	Braun	+12V
5	Schwarz	U/Min. Reg. motor
6	Blau	0V
7	Schwarz	+12V
8	Rot	Tank
9	Blau	0V
10		+12V
11		U/Min. Gebläse
12		0V

1	Rosa	PWM
2	Blanc	RPM Arbre de distribution
3	Brun	RPM Motor regulatrig
4	Blanc/Rouge	Tank
5	Gris/Rouge	RPM Embrayage g. + ventila.
6	Brun/Rouge	RPM Embrayage droite
7	Vert	Embrayage
8	Jaune	Roue
9	Noir	OV Capteur
10	Rouge	+12V Capteur
11	Bleu	Outic
12	Bleu/Rouge	Reg. 0V
	Blanc/Vert	Rang 1
	Brun/Vert	Rang 2
15	Blanc/Jaune	Rang 3
16	Jaune/Brun	Rang 4
17	Blanc/Gris	Rang 5
18	Gris/Brun	Rang 6

Fuse 6,3AT

1	Blanc	RPM Embrayage gauche
2	Brun	RPM Embrayage droite
3	Vert	Embrayage
4	Jaune	Roue
5	Gris + Noir	0V capteur
6	Rose + Rouge	+12V capteur
7	Blau	Outic

1	Blanc	Rang 1
2	Brun	Rang 2
3	Vert	Rang 3
4	Jaune	Rang 4
5	Gris	Rang 5
6	Rose	Rang 6

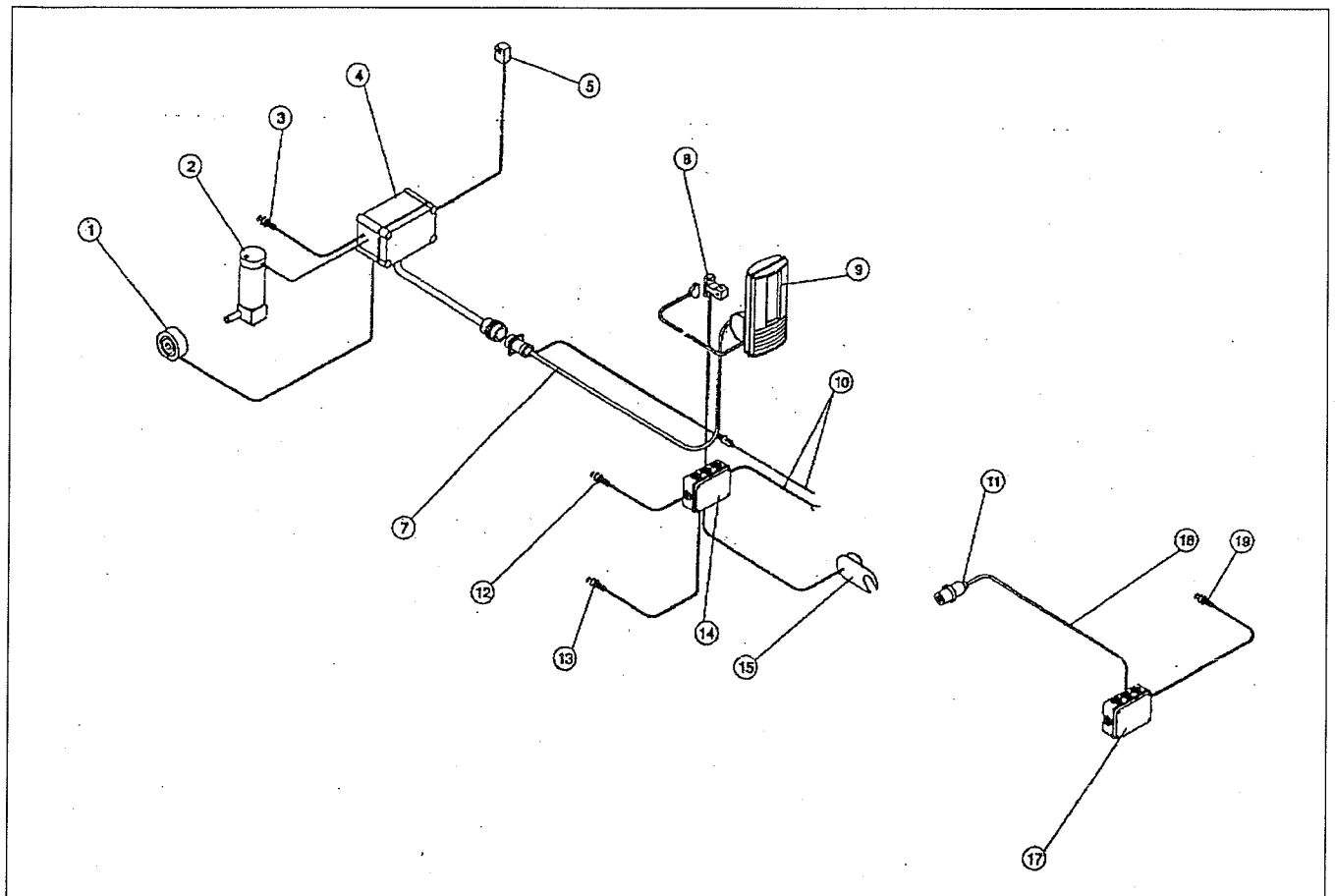
NORDSTEN NS 5000

94220800

1		+12V
2	Brun	Arbre de distribution
3	Bleu	0V
4	Brun	+12V
5	Noir	Moteur regulatrig
6	Bleu	0V
7	Noir	+12V
8	Rouge	Tank
9	Bleu	0V
10		+12V
11		Ventilateur
12		0V

6. Spare Part

EI-System



Position	Part number	Description
1	7002155779	Rotation guard
2	7000602943	Motor
2a	7000602953	Sensor for motor
3	7000603122	Sensor for blower
4	7000603120	Motor controlbox
5	7009603765	Level sensor
7	7000603119	Tractor cable incl. bracket
8	7000603088	Assembly kit consisting of pos. 8 - 10 - 14 - 15
9	7000603087	LH 5000 monitor
		Connection to batteri, part of pos. 8
11	7009603555	7 leads alternative plug (male)
12	7000603269	Implement sensor
13	7000603070	Wheel sensor for tractor
14		Junction box, part of pos. 8
15	7009603556	7 leads alternative plug (female)
17	7000603072	Junction box
17a	7000603509	Print for tramline valves
17b	7000602980	Relay 12 V
18		Part of pos. 17
19	7000603269	Implement sensor