

304 MENU ITEMS LASER/GPS

VERSION 431

*****MENU ITEM DESCRIPTION*****

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|---|--------------------------------|--|
| 0 | CENTER | CENTER FILTERING; 3 NORMAL, 10 SLOW RESPONSE |
| 1 | BLADE DOWN SPD | SLOWEST POSSIBLE SPEED CLOSE TO CENTER |
| 2 | BLADE UP SPEED | SLOWEST POSSIBLE SPEED CLOSE TO CENTER |
| 3 | MAST SPEED | 0-3 FOR 24 VOLT, 4-10 FOR 12 VOLT; 11 UP, NO BRAKE |
| 4 | ELEVATION UNITS
ROD READING | 1 - INCHES; 2 - FEET; 3 - METERS
4- INCHES 5- FEET 6 - METERS |
| 5 | VALVE TYPE | 0-ON/OFF 1-PROPORTIONAL;10 OR 11 TOGGLE |
| 6 | SURVEY TYPE | 0- MAN; 1 - AUTO; 2 - CONT; 3 - GPS; 4 - GPS-L; 5 - GPS-M
6 - MASTER; 7 - SLAVE; 8 - L-GPS ONLY; 9 - M-GPS ONLY |
| 7 | GPS LIMIT | LIMIT GPS INPUT CHANGES; 10 = .1 FT MAX PER INPUT |
| 8 | BLADE RAMP | BLADE INCREASE WITH ERROR, GPS ONLY |
| 9 | CENTER WIDTH | CENTER WIDTH, GPS ONLY; 2 = +/- .02 FEET |

305 MENU ITEMS LINEAR SENSOR SYSTEM

VERSION 508

*****MENU ITEM DESCRIPTION*****

0	CENTER WIDTH	DEADBAND, 0 = NO CENTER CHANNEL, 10 IS WIDE
1	BLADE DOWN SPD	SLOWEST POSSIBLE SPEED CLOSE TO CENTER
2	BLADE UP SPEED	SLOWEST POSSIBLE SPEED CLOSE TO CENTER
3	BLADE RAMP	HYDRAULIC SPEED INCREASE AS ERROR INCREASES
4	ELEVATION UNITS	1 - INCHES; 2 - FEET; 3 - METERS
5	VALVE TYPE	0-ON/OFF 1-PROPORTIONAL
6	NOT USED	
7	DOWN SLOW	REDUCE RAMP INCREASE ON DOWN STROKE
8	DOWN MAXIMUM	SLOWS MAXIMUM DOWN SPEED OF BLADE
9	COMP DELAY	DELAY BLADE OUTPUT FOR PRESSURE INCREASE

306 MENU ITEMS SLOPE CONTROL VERSION 630

*****MENU ITEM DESCRIPTION*****

0	02	Center Width	Center channel width 0 to 20, 0 = no center, 20 = .2%.
1	10	Valve Speed, Down	Down starting speed near center. 0 to 25, 25 is fastest.
2	10	Valve Speed, Up	Up starting speed, 25 is fastest.
3	05	Blade Error Speed	The speed at which the blade speed increases with error around center. 0 to 40, 40 is fastest.
4	02	Input Divider	Divide slope change to filter input. 2 divides error in half
5	01	Valve Type	00 - Standard Valve 10-Toggle Auto 01 - Proportional 11-Toggle Auto
6	00	GPS control	0-C; 1-D; 2-none
7	50	Calibration for Level	0 to 100 set with blade level for zero reading
8	00	Reverse Input	00 - Standard; 01 -Reverse Input
9	00	Reverse Output	0-normal; 1&3 reverse arrows; 2&3 reverse blade output
10	20	Inside Channel	Width of solid inside channel; 10 would be +/- 1%
11	05	Pulse On Time	Pulse on time for hydraulics around center
12	00	Auto Timer	Time to disable automatic if no GPS input ; 0 never
13	30	Max Hyd Speed	Maximum speed blade can move in auto
14	90	Max Slope	Limit slope measurement; 90 is +/- 90%
15	05	Pulse Timer	Time between pulses with inside channel; ON time is item 11

307 MENU ITEMS

STEERING

VERSION 718

*****MENU ITEM DESCRIPTION*****

0	CENTER WIDTH	DEADBAND
1	STEERING RIGHT	SLOWEST POSSIBLE SPEED CLOSE TO CENTER
2	STEERING LEFT	SLOWEST POSSIBLE SPEED CLOSE TO CENTER
3	STEERING GAIN	STEERING SPEED INCREASE AS ERROR INCREASES
4	MAX TURN	MAXIMUM TURN COMMAND
5	VALVE TYPE	0-ON/OFF 1-PROPORTIONAL; 10 OR 11 TOGGLE
6	CODE LETTER	0-NONE; 1- S; 2 - T
7	STEERING ZERO	0 - 100, SET STEERING STRAIGHT WITH NO INPUT
8	INPUT REVERSE	REVERSE STRINGLINE DATA
9	OUTPUT REVERSE	REVERSE DIRECTION OF STEERING
10	CENTER TIME	FILTER, LENGTH OF TIME CENTER STAYS ACTIVE
11	LOAD SENSE TIME	TIME THE LOAD SENSE STAYS ACTIVE
12	AUTO SHUTDOWN	TIME TO CONTINUE AUTOMATION AFTER LAST INPUT
13	INPUT MULTIPLIER	AMPLIFY INPUT FOR FASTER STEERING CHANGES
14	MINIMUM CHANGE	ADD TO CORRECTIONS TO FORCE MORE CHANGE

308 MENU ITEMS

GPS INPUT

VERSION 815

*****MENU ITEM DESCRIPTION*****

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|----|----------------|--|
| 0 | CENTER WIDTH | NORMALLY 2, FOR +/- .02 FEET DEADBAND |
| 1 | BLADE DOWN SPD | SLOWEST POSSIBLE SPEED CLOSE TO CENTER |
| 2 | BLADE UP SPEED | SLOWEST POSSIBLE SPEED CLOSE TO CENTER |
| 3 | BLADE RAMP | BLADE SPEED INCREASE AS ERROR INCREASES |
| 4 | OUTPUT REVERSE | REVERSES DIRECTION OF SOLENOID DRIVE |
| 5 | VALVE TYPE | 0-ON/OFF 1-PROPORTIONAL 2-JD/CASE
10 OR 11 TOGGLE |
| 6 | CODE LETTER | 1 = S; 2 = T; 3 = L; 4 = M |
| 7 | ENCLOSURE TYPE | 0-NORMAL, 1-BEHIND SEAT, NO CONTROLS |
| 8 | OFFSENSOR TIME | 0-99 X 10 MS OF TIME A GPS INPUT IS HELD
35 = 350 MS OF BLADE MOVEMENT |
| 9 | CENTERTIME | 0-99 X 10 MS OF TIME CENTER SIGNAL IS HELD
30 = 300 MS OF NO BLADE MOVEMENT WITH CENTER |
| 10 | LOADSENSETIME | 0-99 X 10 MS OF TIME LOAD SENSE SOLENOID IS ACTIVE
20 = 200 MS – A 5 HZ UPDATE WOULD KEEP LS ON
CONTINUOUSLY |

308R MENU ITEMS GPS INPUT WITH ROTATION SENSOR VERSION 874

*****MENU ITEM DESCRIPTION*****

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|----|-----------------|---|
| 0 | CENTER WIDTH | NORMALLY 2, FOR +/- .02 FEET DEADBAND |
| 1 | BLADE DOWN SPD | SLOWEST POSSIBLE SPEED CLOSE TO CENTER |
| 2 | BLADE UP SPEED | SLOWEST POSSIBLE SPEED CLOSE TO CENTER |
| 3 | BLADE RAMP | BLADE SPEED INCREASE AS ERROR INCREASES |
| 4 | NOT USED | |
| 5 | VALVE TYPE | 0-ON/OFF 1-PROPORTIONAL; 10 OR 11 TOGGLE |
| 6 | CODE LETTER | 1 = S; 2 = T; 3 = L; 4 = M |
| 7 | ROTATION CAL | SET 0 DISPLAY WHEN BLADE PERPINDICULAR
50 IS DEFAULT, ADJUST AS NECESSARY 0 TO 100 |
| 8 | INPUT REVERSE | REVERSE DISPLAY DIRECTION WITH BLADE ROTATION |
| 9 | OUPUT REVERSE | REVERSE UP/DOWN SWITCH AND AUTO DIRECTION |
| 10 | FILTER | SLOW DISPLAY CHANGE WITH ROTATION CHANGES |
| 11 | ROTATION GAIN | CALIBRATE A 45 DEGREE READING FOR A 45 DEGREE
CHANGE |
| 12 | LOAD SENSE TIME | TIME THE LOAD SENSE LINE IS ACTIVE PER INPUT
0 TO 100 IS 0 TO 1 SECOND PER INPUT |
