

WIRING SCHEDULE

Customer: DCE		Designed by: DC		Date: 3rd th June 2020
Description: Microsteer Wiring Harness		Part No: EPAS200H		Serial No:
Revision	Date	Author	Notes	
1				
2				
3				
4				
5				

Connector Key

Conn No.	Description	Connector	Conn No.	Description	Connector
1	ECU Signal	7123-7464-40	19		
2	ECU Power	6-176146-6	20		
3	Fuse	ATO	21		
4	LED	Solder	22		
5	Not Used		23		
6	Ground	M6 Ring	24		
7	+12v	M6 Ring	25		
8	Tuning Box	Molex 43025-1000	26		
9	Wheelspeed	Molex 03-06-1032	27		
10	Ground	Unterminated	28		
11	Ignition +12v	Unterminated	29		
12			30		
13			31		
14			32		
15			33		
16			34		
17			35		
18			36		

C1	Connector: Yazaki 7123-7464-40	Description: ECU Signal			
	Boot: None	Label: None			
Pin #	Description	Destination	Cable	Length	Key
1	Not Used				
2	Tacho	Tuning Box – 9	0.5 Yel	X	
3	Ignition +12v	Tuning Box – 1/LED-1	0.5 Wht	X	
4	Wheelspeed	Tuning Box – 8	0.5 Blu	X	
5	Fault Signal	LED – 2	0.5 Brn	X	
6	Not Used				

C2	Connector: TE 6-176146-6	Description: ECU Power			
	Boot: None	Label: None			
Pin #	Description	Destination	Cable	Length	Key
1	Ground	Ground1 Ring Crimp	3.0 Blk	X	
2	Battery +12v	Fuse - 2	3.0 Red	X	

C3	Connector: ATO Fuse Holder	Description: Fuse (30 Amp)			
	Boot: None	Label: None			
Pin #	Description	Destination	Cable	Length	Key
1	+12v In	+12v Ring Crimp	3.0 Red	X	
2	+12v Out	ECU Power - 2	3.0 Red	X	

C4	Connector: Solder	Description: Fault LED			
	Boot: None	Label: None			
Pin #	Description	Destination	Cable	Length	Key
1 (A)	+12v	ECU Signal - 3	0.5 Wht	X	
2 (K)	Ground	ECU Signal - 5	0.5 Brn	X	

C6	Connector: M6 Ring	Description: Ground 1			
	Boot: None	Label: None			
Pin #	Description	Destination	Cable	Length	Key
1	Ground	ECU Power - 1	3.0 Blk	X	

C7	Connector: M6 Ring	Description: Battery +12v			
	Boot: None	Label: None			
Pin #	Description	Destination	Cable	Length	Key
1	+12v	Fuse - 1	3.0 Red	X	

C8	Connector: 10way Microfit Skt	Description: Tuning Box			
	Boot: None	Label: None			
Pin #	Description	Destination	Cable	Length	Key
1	ECU +12v	ECU Signal - 3	0.5 Wht	X	
2	WheelSpeed +12v	Wheelspeed - 1	24 Red	1000	
3	+12v In	Ignition - 1	0.5 Red	1000	
4	Not Used				
5	Wheelspeed 0v	Wheelspeed - 3	24 Grn	X	
6	Not Used - Do Not Connect			X	
7	Wheelspeed In	Wheelspeed - 2	24 Blu	X	
8	Wheelspeed Out	ECU Signal - 4	0.5 Blu	X	
9	Tacho	ECU Signal - 2	0.5 Yel	X	
10	Ground	Ground2	0.5 Blk	1000	

C9	Connector: Molex 03-06-1032	Description: Wheel Speed			
	Terminal: Molex 02-06-1132				
	Boot: N/A	Label: N/A			
Pin #	Description	Destination	Cable	Length	Key
1	+12v	Tuning Box - 2	24 Red	X	A
2	Signal	Tuning Box - 7	24 Blu	X	A
3	0v	Tuning Box - 5	24 Grn	X	A

A= 3 Core RS 660-4033

10	Connector: Unterminated	Description: Ground 2			
	Boot: None	Label: None			
Pin #	Description	Destination	Cable	Length	Key
1	Ground	Tuning Box - 10	0.5 Blk	X	

C11	Connector: Unterminated	Description: Ignition +12v			
	Boot: None	Label: None			
Pin #	Description	Destination	Cable	Length	Key
1	Ignition +12v	Tuning Box – 3	0.5 Red	X	

6 Way ECU Signal:

Connector:

Yazaki 7123-7464-40

Terminals:

ST 730495-3 (22-18awg)

ST 730496-3 (16-14awg)

Wire Seals:

MG 680449 (22awg)

MG 680451 (14awg)

Cavity Plugs:

MG 681266

TPA:

Yazaki 7157-7816-80

2 Way ECU Power:

Connector:

TE Econoseal 6-176146-6

Terminals:

TE Econoseal 175091-1

Wire Seals:

TE Econoseal 347707-1

