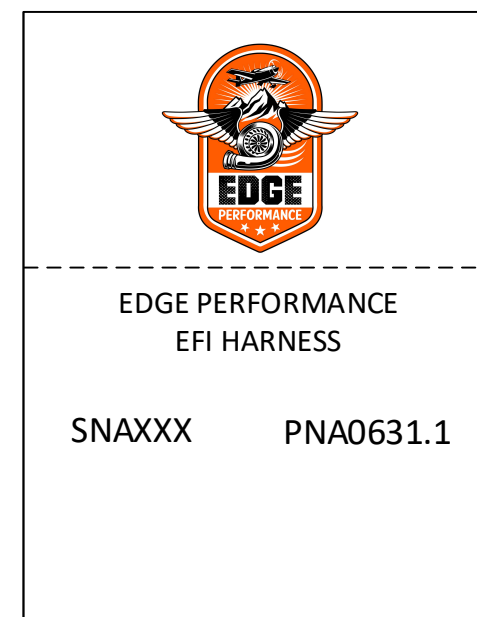
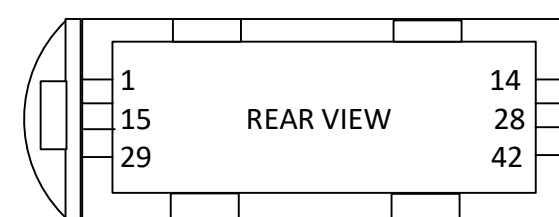
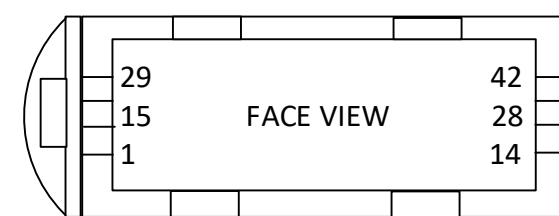
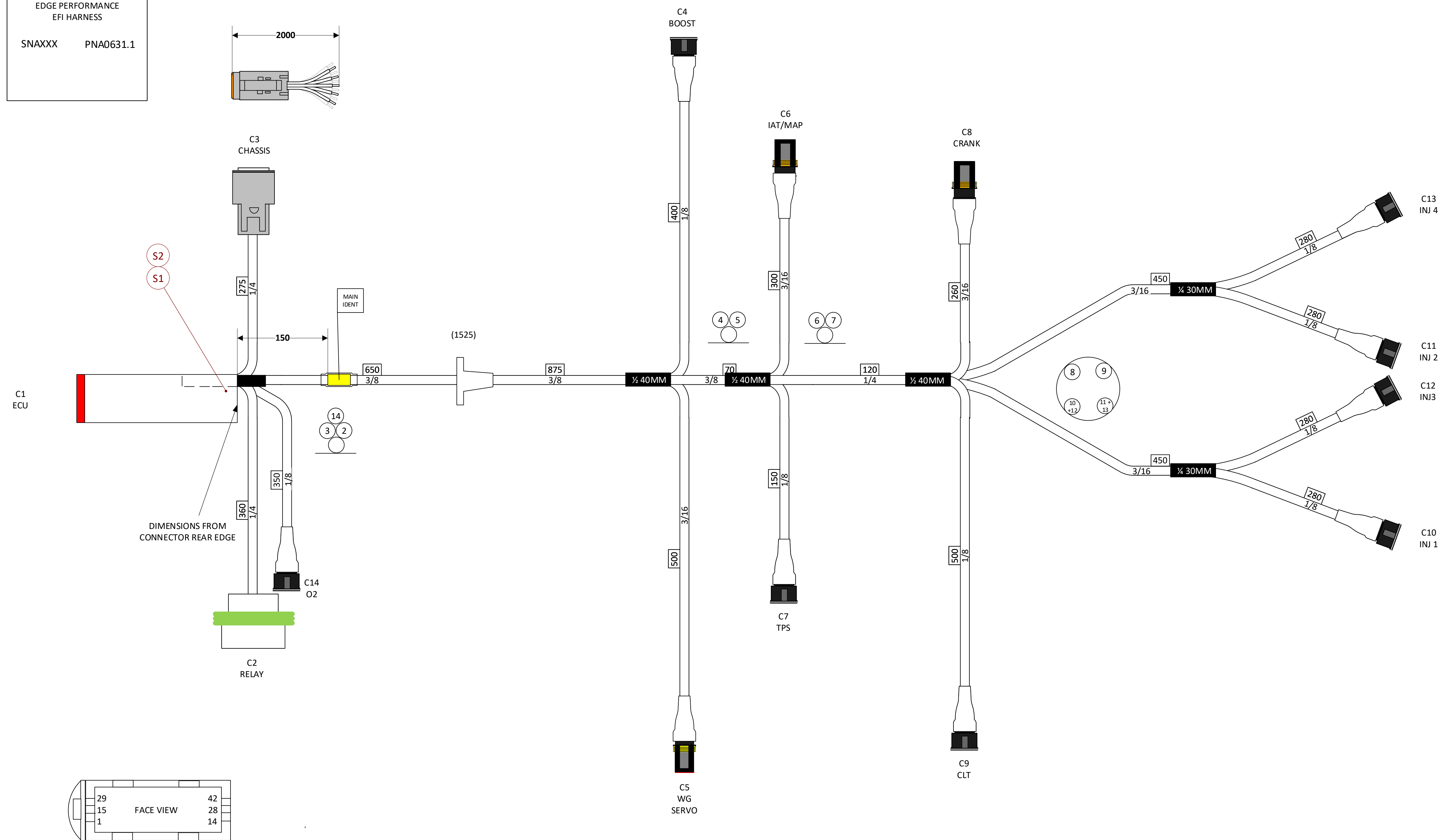


MAIN IDENT LABEL:



SUPPLY MATING CHASSIS PLUG WITH UNSLEEVED FLYING LEADS SAME GAUGE CABLE AS LOOM SIDE.



Wire Type	55
Sleeve Type	DR25
Transition Type	Raychem
Ident Type	Yellow
Repair Loops	NO
Contrainwind	NO
Tolerance	+10 / -0
Label Position	100 From Face
Kevlar Wrap	NO



DRAWING NOT TO SCALE.  
 CONNECTORS SHOWN MAY NOT REPRESENT ACTUAL CONNECTORS SPECIFIED.  
 ALL DIMENSIONS IN MILLIMETERS.  
 DIMENSION DATUMS ARE CENTRE OF TRANSITION, FACE OF STRAIGHT CONNECTORS AND CONNECTOR CENTRE LINE OF 90 DEGREE CONNECTORS.  
 CLOCKING OF 90 DEGREE BOOTS REFERS TO CONNECTOR FACE, KEYWAY AT 12 O'CLOCK, LOOM LEG BEHIND SHOWS TIME.

CUSTOMER:	EdgePerformance AS	
TITLE:	EFI Harness	
PART NO:	PNA0631.1	
DRAWN BY:	D.CUNLIFFE	DATE: 28 <sup>th</sup> Aug 2017
CHECKED BY:		DATE:
FILENAME:	PNA0631.1 - EFI Harness.vsd	

REVISION:





# WIRING SCHEDULE

<b>Customer:</b> EdgePerformance AS			<b>Designed by:</b> DC	<b>Date:</b> 28 <sup>th</sup> Aug 2017
<b>Description:</b> EFI Harness			<b>Part No:</b> PNA0631.1	<b>Serial No:</b>
Issue	Date	Author	Notes	
1	28 <sup>th</sup> Aug 2017	DC	O2 Heater + wire moved from Splice 2 to Chassis - 7	
2				
3				
4				
5				

## Connector Key

Conn No.	Description	Connector	Conn No.	Description	Connector
1	ECU	1-967281-1	19		
2	RL 1	12077993-B	20		
3	Chassis	DT04-08PA-CE04	21		
4	Boost	2 Timer (F)	22		
5	WG Servo	DTM06-6S	23		
6	IAT/MAP	1-928-403-112	24		
7	TPS	3 Timer (F)	25		
8	Crank	1-928-403-137	26		
9	CLT	2 Timer (F)	27		
10	Injector 1	2 Timer (F)	28		
11	Injector 2	2 Timer (F)	29		
12	Injector 3	2 Timer (F)	30		
13	Injector 4	2 Timer (F)	31		
14	O2	3 Timer (F)	32		
15			33		
16			34		
17			35		
18			36		

<b>C1</b>	<b>Connector:</b> 1-967281-1	<b>Description:</b> ECU			
	<b>Boot:</b> Atum (Use Gold Terminals)	<b>Label:</b> Main Ident			
<b>Pin #</b>	<b>Description</b>	<b>Destination</b>	<b>Cable</b>	<b>Length</b>	<b>Key</b>
1	+12v	RL 1 – 86 / Chassis – 7	22 Red x 2	475 / 560	2/3
2	Not Used				
3	Not Used				
4	Not Used				
5	Not Used				
6	Not Used				
7	WG Servo Stepper 1	WG – 4	20	2230	5
8	WG Servo Signal	WG – 2	22	2230	5
9	Cylinder Temp	CLT – 2	22	2400	9
10	Not Used				
11	Not Used				
12	Not Used				
13	Not Used				
14	Not Used				
15	+12v	RL 1 – 30	16 Red	475	2
16	Inj 4	Inj 4 – 2	22	2630	13
17	Inj 1	Inj 1 – 2	22	2630	10
18	Not Used				
19	Not Used				
20	Not Used				
21	TPS	TPS – 2	22	1940	7
22	Sensor 0v	Splice 1	22 Blk	100	
23	Air Temp	IAT – 2	22	2100	6
24	Not Used				
25	Crank +ve	Crank – 1	22 Red	2175	8A
26	Not Used				
27	Relay –ve	RL 1 – 85	22	475	2
28	Boost Valve –ve	Boost – 2	22	2125	4

A – 2 Core 22 Awg Red/Blu Screened, Shield to Splice 1 via 100 24 Grn

<b>C1</b>	<b>Connector:</b> 1-967281-1	<b>Description:</b> ECU			
	<b>Boot:</b> Atum	<b>Label:</b> Main Ident			
<b>Pin #</b>	<b>Description</b>	<b>Destination</b>	<b>Cable</b>	<b>Length</b>	<b>Key</b>
29	Ground	Chassis – 1 + 2	16 Blk x 2	560 / 560	3/3
30	+12v	Chassis – 4	22 Red	560	3
31	Inj 3	Inj 3 – 2	22	2630	12
32	Inj 2	Inj 2 – 2	22	2630	11
33	Not Used				
34	WG Servo Stepper 2	WG – 5	20	2230	5
35	Not Used				
36	Sensor +5v	TPS – 1 /IAT – 3/WG - 1	22 Red x 3	1940 / 2100/2230	7/6/5
37	Lambda Signal	O2 – 2	22	550	14
38	MAP	IAT – 4	22	2100	6
39	Not Used				
40	Crank –ve	Crank – 2	22 Blu	X	8A
41	Not Used				
42	Not Used				

A = 2 Core 22 Awg Red / Blu Screened Cable – Shield to Splice 1 via 100 24 Grn

<b>C2</b>	<b>Connector:</b> 12077993- B	<b>Description:</b> RL1			
	<b>Term:</b> 12066614 (Pull to Seat)	<b>Label:</b> RL1			
	<b>Seal:</b> N/A				
	<b>Boot:</b> Atum (Cavity Plug In Spare Hole)				
<b>Pin #</b>	<b>Description</b>	<b>Destination</b>	<b>Cable</b>	<b>Length</b>	<b>Key</b>
85	Coil –ve	ECU – 27	22	X	
86	Coil +ve	ECU – 1	22 Red	X	
30	+12v In	ECU – 15 / Chassis – 3	16 Red x 2	X / 735	X/3
87	+12v Out	Splice 2	16 Red	X	

<b>C3</b>	<b>Connector:</b> DT04-08PA-CE04 (Fully Populate Connector & Cavity Plug Unused Positions)	<b>Description:</b> Chassis			
	<b>Boot:</b> ATUM (Cavity Plug In Spare Holes)	<b>Label:</b> CHASSIS			
<b>Pin #</b>	<b>Description</b>	<b>Destination</b>	<b>Cable</b>	<b>Length</b>	<b>Key</b>
1	Ground	ECU – 29	16 Blk	X	
2	Ground	ECU – 29	16 Blk	X	
3	+12v	RL 1 – 30	16 Red	X	
4	Perm +12v	ECU – 30	22 Red	X	KYNAR
5	Not used				
6	O20v	O2 – 3	22 Blu	725	14 / KYNAR
7	Ign +12v	ECU – 1 / O2 - 1	22 Red x 2	X/725	
8	Not Used				

<b>C14</b>	<b>Connector:</b> 3 Timer (F)	<b>Description:</b> O2			
	<b>Boot:</b> ATUM + 3 Way Timer Boot	<b>Label:</b> TO2			
<b>Pin #</b>	<b>Description</b>	<b>Destination</b>	<b>Cable</b>	<b>Length</b>	<b>Key</b>
1	+12v	Chassis - 7	22 Red	X	
2	Signal	ECU – 37	22	X	
3	0v	Chassis – 6	22 Blu	X	

<b>C4</b>	<b>Connector:</b> 2 Timer (F)	<b>Description:</b> Boost			
	<b>Boot:</b> ATUM + 2 Way Timer Boot	<b>Label:</b> BOOST			
<b>Pin #</b>	<b>Description</b>	<b>Destination</b>	<b>Cable</b>	<b>Length</b>	<b>Key</b>
1	+12v	Splice 2	22 Red	X	
2	Signal	ECU – 28	22	X	

<b>C5</b>	<b>Connector:</b> DTM06-6S-E007	<b>Description:</b> WG Servo			
	<b>Boot:</b> Atum (Fully Populate Connector & Cavity Plug in Unused Position)	<b>Label:</b> WG//SERVO			
Pin #	Description	Destination	Cable	Length	Key
1	+5v	ECU - 36	22 Red	X	
2	Signal	ECU - 8	22	X	
3	0v	Splice 1	22 Blk	X	
4	WG Motor Stepper 1	ECU - 7	20	X	
5	WG Motor Stepper 2	ECU - 34	20	X	
6	Not Used				

<b>C6</b>	<b>Connector:</b> 1 928 403 112	<b>Description:</b> IAT/MAP			
	<b>Boot:</b> Wireseals/ATUM + 3 Way Timer Boot	<b>Label:</b> IAT//MAP			
Pin #	Description	Destination	Cable	Length	Key
1	0v	Splice 1	22 Blk	X	
2	IAT	ECU - 23	22	X	
3	+5v	ECU - 36	22 Red	X	
4	MAP	ECU - 38	22	X	

<b>C7</b>	<b>Connector:</b> 3 Timer (F)	<b>Description:</b> TPS			
	<b>Boot:</b> ATUM + 3 Way Timer Boot	<b>Label:</b> TPS			
Pin #	Description	Destination	Cable	Length	Key
1	+5v	ECU - 36	22 Red	X	
2	Signal	ECU - 21	22	X	
3	0v	Splice 1	22 Blk	X	

<b>C8</b>	<b>Connector:</b> 1 928 403 137	<b>Description:</b> Crank			
	<b>Boot:</b> Wireseals/ATUM + 2 Way Timer Boot	<b>Label:</b> CRANK			
<b>Pin #</b>	<b>Description</b>	<b>Destination</b>	<b>Cable</b>	<b>Length</b>	<b>Key</b>
1	Signal	ECU – 25	22 Red	X	A
2	0v	ECU – 40	22 Blu	X	A

<b>C9</b>	<b>Connector:</b> 2 Timer (F)	<b>Description:</b> CLT			
	<b>Boot:</b> ATUM + 2 Way Timer Boot	<b>Label:</b> CLT			
<b>Pin #</b>	<b>Description</b>	<b>Destination</b>	<b>Cable</b>	<b>Length</b>	<b>Key</b>
1	0v	Splice 1	22 Blk	X	
2	Signal	ECU – 9	22	X	

<b>C10</b>	<b>Connector:</b> 2 Timer (F)	<b>Description:</b> Injector 1			
	<b>Boot:</b> ATUM + 2 Way Timer Boot	<b>Label:</b> INJ//1			
<b>Pin #</b>	<b>Description</b>	<b>Destination</b>	<b>Cable</b>	<b>Length</b>	<b>Key</b>
1	+12v	Splice 2	22 Red	X	
2	Signal	ECU – 17	22	X	

<b>C12</b>	<b>Connector:</b> 2 Timer (F)	<b>Description:</b> Injector 3			
	<b>Boot:</b> ATUM + 2 Way Timer Boot	<b>Label:</b> INJ//3			
<b>Pin #</b>	<b>Description</b>	<b>Destination</b>	<b>Cable</b>	<b>Length</b>	<b>Key</b>
1	+12v	Splice 2	22 Red	X	
2	Signal	ECU – 31	22	X	

<b>C11</b>	<b>Connector:</b> 2 Timer (F)	<b>Description:</b> Injector 2			
	<b>Boot:</b> ATUM + 2 Way Timer Boot	<b>Label:</b> INJ//2			
<b>Pin #</b>	<b>Description</b>	<b>Destination</b>	<b>Cable</b>	<b>Length</b>	<b>Key</b>
1	+12v	Splice 2	22 Red	X	
2	Signal	ECU – 32	22	X	

<b>C13</b>	<b>Connector:</b> 2 Timer (F)	<b>Description:</b> Injector 4			
	<b>Boot:</b> ATUM + 2 Way Timer Boot	<b>Label:</b> INJ//4			
<b>Pin #</b>	<b>Description</b>	<b>Destination</b>	<b>Cable</b>	<b>Length</b>	<b>Key</b>
1	+12v	Splice 2	22 Red	X	
2	Signal	ECU – 16	22	X	

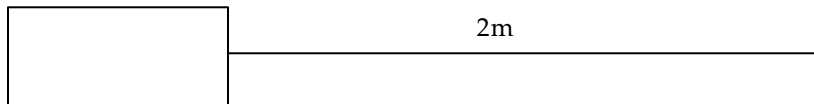


### Chassis Mating Plug – Flying Leads, No Sleeving

<b>C14</b>	<b>Connector:</b> DT06-08SA	<b>Description:</b> Chassis			
	<b>Boot:</b> Nono	<b>Label:</b> CHASSIS			
<b>Pin #</b>	<b>Description</b>	<b>Destination</b>	<b>Cable</b>	<b>Length</b>	<b>Key</b>
1	Ground	ECU – 29	16 Blk	2000	
2	Ground	ECU – 29	16 Blk	2000	
3	+12v	RL 1 – 30	16 Red	2000	
4	Perm +12v	ECU – 30	22 Red	2000	KYNAR
5	Not used	Fit Cavity Plug			
6	O2 0v	O2 – 3	22 Blu	2000	
7	Ign +12v	ECU – 1	22 Red	2000	KYNAR
8	Not Used	Fit Cavity Plug			

#### Extension Lead

(Fully Populate Connector & Cavity Plug Unused Positions)



DT06-08SA-CO15

- 1 – 16Awg Blk
- 2 – 16Awg Blk
- 3 – 16Awg Red
- 4 – 22Awg Red (20mm KYNAR)
- 5 – Not Used
- 6 – 22Awg Blue (20mm KYNAR)
- 7 – 22Awg Red (20mm KYNAR)
- 8 – Not Used