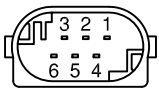
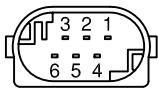
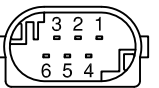
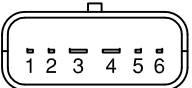
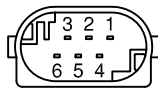
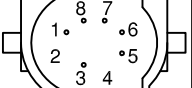
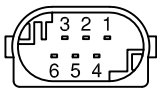
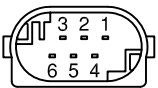
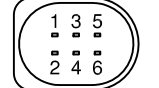
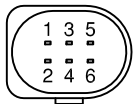
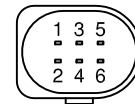
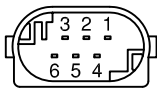
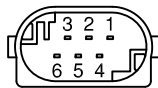
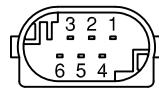
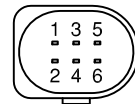
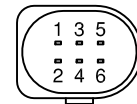
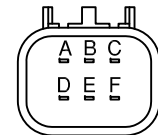
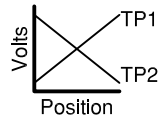


Column No.	A	B	C	D	E	F	G	H	J
Part No.s	0 280 750 007, 986 605 115 01 Porsche p/n								0 280 750 003, Audi- 078 133 062
Applications	Porsche 996 Twin Turbo MY2001 68mm								Audi S4 2.7Ltr Turbo MY1999
Part No.s	0 280 750 236								
Applications	Vauxhall Astra VXR								
Part No.s	0 280 750 008								
Applications	Porsche 996								
Part No.s	0 280 750 473						0 280 750 101	0 280 750 205	
Applications	Porsche 997 GT3 RS MY2008						Ferrari 575 Maranello M2004, 82mm	Dodge Viper 75mm MY2008	
Part No.s	0 280 750 114 0 280 750 191 0 280 750 474	0 280 750 180 0 280 750 017	0 205 003 052 0 280 750 038 B 289 000 140 B 289 000 173	0 280 750 085	0 205 003 055	0 205 003 044	0 280 750 015 0 280 750 084 0 280 750 124 0 280 750 136	0 280 750 146 0 280 750 148 0 280 750 149	0 280 750 030
Pin Function	 Motor- Motor+ Throttle Position1 Throttle Position2 0V (TP1/TP2) 5V (TP1/TP2) Not Connected	 4 1 6 5 2 3	 1 4 6 5 2 3	 1 2 6 4 3 5	 1 4 6 5 2 3	 3 1 7 6 5 8 2, 4	 1 4 6 5 2 3	 4 1 6 5 3 2	 5 3 1 4 6 2
Calibration									
Proportional Gain	160	160	160	160	120	120	140	120	140
Integral Gain	120	120	120	120	80	60	80	80	80
Derivative Gain	210	200	200	200	150	160	180	150	190
Period	1	1	1	1	1	1	1	1	1
Dead Band	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Feed Forward	5	5	5	5	5	5	10	5	5
Neg. Integral Clamp	-20	-20	-20	-20	-30	-20	-25	-30	-25
Frequency	8000	8000	8000	8000	8000	8000	8000	8000	8000
Motor Volts	14	14	14	14	14	14	14	14	14

Note, refer to:-
 "DAD0001 Electronic Throttle Setup for MoTeC 'hundred series' ECUs" or
 "DAD0002 Electronic Throttle Setup for MoTeC 'M1 series' ECUs"
 for additional information.



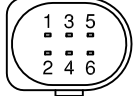
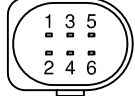
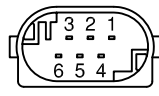
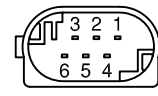
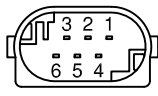
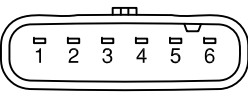
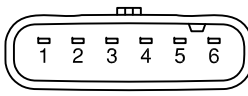
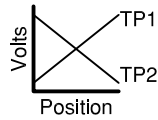
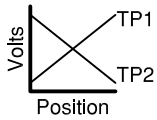
Title Bosch Electronic Throttle Motors				Sheet No 1 of 3		Drawing No DAD0013	
Date 14.5.2009	Drawn KMH	App	Rev AA				

Column No.	K	L	M	N	O	P	Q	R
Part No.s	0 280 750 097							
Applications	VW Golf Euro 2.8L VR6 '02							
Part No.s	0 280 750 487 07L 133 062 F, Audi p/n							0 280 750 496 GM p/n 55 565 260
Applications	Lamborghini LP560, '09-'10							Chevrolet Cruze 1.6L turbo
Part No.s	0 280 750 479	0 280 750 505, 98416						
Applications	Lamborghini Gallardo	Seadoo RXP & RXPX						
Part No.s	0 280 750 036	0 280 750 197						
Applications	VW Golf 1.8T 20V	Holden V6						
Part No.s	0 205 003 053 0 280 750 009 0 280 750 032 0 280 750 047 0 280 750 159 0 280 750 202		0 280 750 014 0 280 750 175 B 289 000 462	0 280 750 119 0 280 751 191	A 275 141 00 86 02 10819A / 2	0 280 750 478 8A6G-9F991-AB 0 280 750 534 7S7G-9F991-BA	0 280 750 222	
Applications					AMG	Unknown	Holden Captiva	
Pin Function	 Motor- 5 Motor+ 3 Throttle Position1 1 Throttle Position2 4 0V (TP1/TP2) 6 5V (TP1/TP2) 2 Not Connected 2	 5 3 1 4 6 2	 1 4 6 5 2 3	 1 4 6 5 2 3	 4 1 6 5 2 3	 3 5 1 4 6 2	 3 5 1 4 6 2	 A B F D C E
Calibration	Proportional Gain 160 Integral Gain 120 Derivative Gain 200 Period 1 Dead Band 0.2 Feed Forward 5 Neg. Integral Clamp -20 Frequency 8000 Motor Volts 14	120 110 155 1 0.1 5 -25 8000 14	160 80 210 1 0.2 10 -25 8000 14	140 120 175 1 0.2 20 -25 8000 14	140 80 180 1 0.2 10 -25 8000 14	120 60 150 1 0.2 10 -28 8000 14	120 80 155 1 0.2 5 -32 8000 14	120 80 115 1 0.2 10 -20 8000 14 

Note, refer to:-
"DAD0001 Electronic Throttle Setup for MoTeC 'hundred series' ECUs" or
"DAD0002 Electronic Throttle Setup for MoTeC 'M1 series' ECUs"
for additional information.



Title Bosch Electronic Throttle Motors				Sheet No 2 of 3		Drawing No DAD0013	
Date 14.5.2009	Drawn KMH	App	Rev AA				

Column No.	S	T	U	V	W	X	Y
Part No.s	0 280 750 535 7S7G-9F991-CA						
Applications	2013 Fiesta ST (turbo DI)						
Part No.s							
Applications							
Part No.s			0 280 750 137				
Applications							
Part No.s	0 280 750 475 7S7G-9F991-BA	0 280 750 546 079 133 062 G	0 280 750 238 55355608	0 280 750 246 A 156 141 02 25 AMG	0 280 750 151	0 280 B01 302 A 270 141 00 25	0 280 750 570 05184349AC
Applications	Ford Fiesta	Audi TTRS / RS3 2.5L 5 Cylinder 2007 'K'	'07 Vauxhall Corsa Series D VXR 1600	MY2008 Mercedes Benz CLK63 AMG 6.2L V8			Dodge Viper Coupe 2015 8.4L V10
Pin Function	 Motor- 3 Motor+ 5 Throttle Position1 1 Throttle Position2 4 0V (TP1/TP2) 2 5V (TP1/TP2) 6 Not Connected	 5 3 1 4 6 2	 1 4 6 5 2 3	 4 1 6 5 3 2	 1 4 6 5 2 3	 2 1 5 3 6 4	 2 1 5 3 6 4
Calibration	Proportional Gain 120 Integral Gain 60 Derivative Gain 150 Period 1 Dead Band 0.2 Feed Forward 10 Neg. Integral Clamp -28 Frequency 8000 Motor Volts 14	130 60 160 1 0.2 10 -20 8000 14	110 60 140 1 0.2 10 -25 8000 14	140 80 180 1 0.2 10 -25 8000 14 	120 60 150 1 0.2 5 -15 8000 14	100 20 130 1 0.3 14 -25 8000 14	100 60 130 1 0.2 16 -25 8000 14 

Note, refer to:-
 "DAD0001 Electronic Throttle Setup for MoTeC 'hundred series' ECUs" or
 "DAD0002 Electronic Throttle Setup for MoTeC 'M1 series' ECUs"
 for additional information.



Title Bosch Electronic Throttle Motors				Sheet No	Drawing No
Date 14.5.2009	Drawn KMH	App	Rev AA	3 of 3	DAD0013