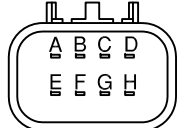
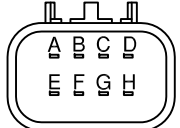
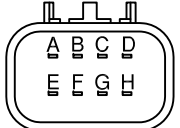
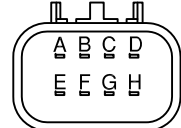
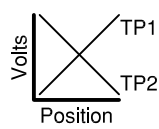
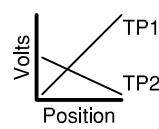
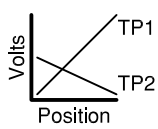
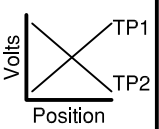


Part No.s				28124937 10056-1
Applications				Unknown
Part No.s	08201B 0597	307 05B 0067 25 177 983, Cast no. 7.14319.00.0, Pierburg no.	193 05B 0053 25 177 983	25368821S 07297-1
Applications	Unknown	Unknown	Unknown	Unknown
Pin Function	 Motor- E Motor+ F Throttle Position1 A Throttle Position2 D 0V (TP1/TP2) 5V (TP1/TP2) 0V (TP1) C 5V (TP1) G 0V (TP2) H 5V (TP2) B Not Connected	 E F A D C G H B	 E F A D C G H B	 H E B C A D F, G
Calibration	Proportional Gain 90 Integral Gain 50 Derivative Gain 100 Period 1 Dead Band 0.3 Feed Forward 10 Neg. Integral Clamp -30 Frequency 8000 Motor Volts 14 	Proportional Gain 90 Integral Gain 50 Derivative Gain 100 Period 1 Dead Band 0.3 Feed Forward 10 Neg. Integral Clamp -30 Frequency 8000 Motor Volts 14 	Proportional Gain 100 Integral Gain 50 Derivative Gain 100 Period 1 Dead Band 0.3 Feed Forward 0 Neg. Integral Clamp -20 Frequency 8000 Motor Volts 14 	Proportional Gain 100 Integral Gain 60 Derivative Gain 100 Period 1 Dead Band 0.3 Feed Forward 0 Neg. Integral Clamp -20 Frequency 8000 Motor Volts 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 Delphi Electronic Throttle Motors				Sheet No	Drawing No
Date	14.5.2009	Drawn	KMH	App	Rev B
				1 of 1	DAD0017