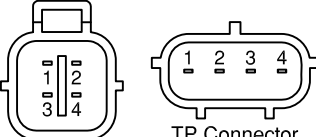
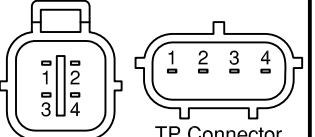
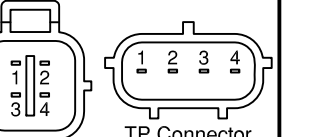
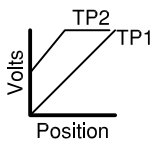
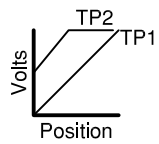
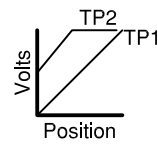


<b>Part No.s</b>	Throttle body P/N 22030-7408 TPS sensor P/N 89452-30150 Aisan	22030-50140 0070 3117	22030-46160 7K17 89452-30150
<b>Applications</b>	Toyota Lexus	Unknown	Supra 2JZ
<b>TP2 Linear Limit</b>	60%	60%	78%
<b>Pin Function</b>	 <p>Motor Conn. TP Connector</p> <p>Motor- 2 Motor+ 1</p> <p>Throttle Position1 2 Throttle Position2 3 0V (TP1/TP2) 4 5V (TP1/TP2) 1</p> <p>Clutch+ 4 Clutch- 3</p>	 <p>Motor Conn. TP Connector</p> <p>Motor- 1 Motor+ 2</p> <p>Throttle Position1 2 Throttle Position2 3 0V (TP1/TP2) 4 5V (TP1/TP2) 1</p> <p>Clutch+ 4 Clutch- 3</p>	 <p>Motor Conn. TP Connector</p> <p>Motor- 1 Motor+ 2</p> <p>Throttle Position1 2 Throttle Position2 3 0V (TP1/TP2) 4 5V (TP1/TP2) 1</p> <p>Clutch+ 4 Clutch- 3</p>
<b>Calibration</b>	<p>Proportional Gain 140 Integral Gain 80 Derivative Gain 230 Period 1 Dead Band 0.3 Feed Forward 10 Neg. Integral Clamp -15 Frequency 8000 Motor Volts 14</p> 	<p>Proportional Gain 140 Integral Gain 80 Derivative Gain 230 Period 1 Dead Band 0.3 Feed Forward 10 Neg. Integral Clamp -15 Frequency 8000 Motor Volts 14</p> 	<p>Proportional Gain 140 Integral Gain 80 Derivative Gain 230 Period 1 Dead Band 0.3 Feed Forward 10 Neg. Integral Clamp -15 Frequency 8000 Motor Volts 14</p> 
<b>Notes</b>	TP2 must use manual calibration		

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 Toyota Electronic Throttle Motors Old

Date 14.5.2009

Drawn KMH

App

Rev B

Sheet No

1 of 1

Drawing No

DAD0049